TestAmerica
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ANALYTICAL REPORT

Job Number: 460-62993-1

Job Description: McCandless Fuels Site

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

Attention: Ms. Carla Nascimento

Approved for release.
Janet Mosley
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9/24/2013 4:41 PM

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09/24/2013

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CASE NARRATIVE

Client: Antea USA, Inc.

Project: McCandless Fuels Site

Report Number: 460-62993-1

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 9/13/2013 4:17 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.9º C and 1.9º C.

Except:

The following Trip Blank sample(s) was listed on the Chain of Custody (COC); however, no sample(s) was received:

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

CHLORIDE

Sample 460-62993-44 was analyzed for chloride in accordance with SM 4500 CL B. The samples were analyzed on 09/17/2013.

No difficulties were encountered during the chloride analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Samples 460-62993-1 through 460-62993-43 were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082. The samples were prepared on 09/17/2013 and analyzed on 09/17/2013 and 09/18/2013.

The continuing calibration verification (CCV) for analytical batch 181958 recovered outside control limits for AR1016 on the primary column. The data have been qualified and reported

DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62993-10. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62993-19. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62993-2. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62993-20. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62993-21. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62993-27. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62993-3. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62993-5. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62993-6. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62993-7. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62993-21MS. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62993-21MSD.

Aroclor 1016 and Aroclor 1260 failed the recovery criteria low for the MS of sample 460-62993-21 in batch 460-181943.

Aroclor 1016 and Aroclor 1260 failed the recovery criteria low for the MSD of sample 460-62993-21 in batch 460-181947.

Refer to the QC report for details.

Due to the level of dilution required for the following sample(s), surrogate recoveries are not reported: 460-62993-2, 460-62993-3, 460-62993-5, 460-62993-6, 460-62993-7, 460-62993-10, 460-62993-19, 460-62993-20, 460-62993-21, 460-62993-21 MS, 460-62993-21 MSD, 460-62993-27.

Samples 460-62993-2(25X), 460-62993-3(10X), 460-62993-5(20X), 460-62993-6(10X), 460-62993-7(20X), 460-62993-10(200X), 460-62993-19(10X), 460-62993-20(100X), 460-62993-21(20X) and 460-62993-27(25X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Sample 460-62993-44 was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 09/16/2013 and analyzed on 09/18/2013.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-62993-1 through 460-62993-43 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 09/14/2013 and analyzed on 09/16/2013, 09/17/2013, 09/19/2013 and 09/20/2013.

Acetone was detected in method blank MB 460-181583/6 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 460-181663/7 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 460-181813/6 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 460-182287/7 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.

The laboratory control sample duplicate (LCSD) for batch 181663 recovered outside control limits for the following analyte: 1,2-Dibromo-3-chloropropane. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample (LCS) recoveries of Methylcyclohexane and 1,2-Dibromo-3-chloropropane were outside control limits in batch 182095. The associated sample results have been flagged and reported.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries of 1,2-Dibromo-3-chloropropane and the MS/MSD precision for 1,2,4-Trichlorobenzene were outside control limits in batch 182095. The associated laboratory control sample (LCS) recovery met acceptance criteria for all compounds except Methylcyclohexane and 1,2-Dibromo-3-chloropropane.

Surrogate recovery for the following sample was outside control limits: 460-62993-19. Re-analysis was performed with concurring results in batch 182095. The original analysis has been reported.

The matrix spike and/or matrix spike duplicate (MS/MSD) recoveries for batch 182277 were outside control limits for several analytes. The MS/MSD precision for 1,2,4-Trichlorobenzene was also outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

Due to the level of dilution required for the following sample(s), surrogate recoveries are not reported: 460-62993-2, 460-62993-3, 460-62993-5, 460-62993-6, 460-62993-7, 460-62993-10, 460-62993-19, 460-62993-20, 460-62993-21, 460-62993-21 MS, 460-62993-21 MSD, 460-62993-27.

The following sample was diluted due to the abundance of non-target analytes: 460-62993-28. Elevated reporting limits (RLs) are provided.

The following samples were diluted to bring the concentration of target analytes within the calibration range and due to the abundance of non-target analytes: 460-62993-2, 460-62993-21. Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample 460-62993-44 was analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 09/17/2013.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 181697 were outside control limits for total Xylene and Toluene due to high concentration inthe associated sample relative to spike amount. The MS and/or MSD recoveries of several alalytes were outside control limits. The MS/MSD %RPD of 1,4-Dioxane was also outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-62993-1 through 460-62993-43 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 09/17/2013 and 09/20/2013 and analyzed on 09/18/2013, 09/19/2013, 09/20/2013 and 09/21/2013.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 181712 were outside control limits for Hexachlorocyclopentadiene, 4-Nitroaniline and/or Benzo(a)pyrene. The MS/MSD recovered below the reporting limit (RL) for 2,4-Dinitrophenol and as a result, percent recoveries and % RPD are not calculated (NC). The associated laboratory control sample (LCS) met acceptance criteria.

The laboratory control sample (LCS) and matrix spike duplicate (MSD) for batch 181718 was outside advisory limits for the following analytes: 1,2,4,5-Tetrachlorobenzene and/or 2,3,4,6-Tetrachlorophenol.

The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 181718 was outside control limits for Pentachlorophenol and 4,6-Dinitro-2-methylphenol.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 181718 were outside control limits for several analytes. The MS/MSD recovered below the reporting limit (RL) for 2,4-Dinitrophenol and as a result, percent recoveries and % RPD are not calculated (NC). The associated laboratory control sample (LCS) met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 181707 were outside control limits for Benzo(a)pyrene, Benzo(g,h,i)perylene, Indeno(1,2,3-cd)pyrene and/or Dibenz(a,h)anthracene. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The laboratory control sample (LCS) for batch 182330 recovered outside control limits for the following analytes: 4-Nitroaniline.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 182330 were outside control limits for Benzo(a)pyrene, Benzo(b)fluoranthene and/or Hexachlorocyclopentadiene. The associated laboratory control sample (LCS) recovery met acceptance criteria.

2,4,6-Tribromophenol, 2-Fluorobiphenyl, 2-Fluorophenol, Nitrobenzene-d5, Phenol-d5 and Terphenyl-d14 failed the surrogate recovery criteria low for 460-62993-19. 2,4,6-Tribromophenol, 2-Fluorobiphenyl, 2-Fluorophenol, Nitrobenzene-d5, Phenol-d5 and Terphenyl-d14 failed the surrogate recovery criteria low for 460-62993-27.

Refer to the QC report for details.

The following sample(s) was diluted due to abundance of target analytes: 460-62993-19, 460-62993-27. As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

Samples 460-62993-3(5X), 460-62993-7(2X), 460-62993-10(5X), 460-62993-19(10X), 460-62993-20(5X) and 460-62993-27(10X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample 460-62993-44 was analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 09/17/2013 and analyzed on 09/20/2013.

The following sample(s) contained one acid and/or one base surrogate outside acceptance limits: 460-62993-44. The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

The laboratory control sample (LCS) and / or the laboratory control sample duplicate (LCSD) for batch 181730 recovered outside control limits for the following analytes: 2-Nitroaniline, 4-Nitrophenol, Caprolactam, Nitrobenzene and/or Phenol.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples 460-62993-1 through 460-62993-43 were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D). The samples were analyzed on 09/16/2013 and 09/17/2013.

No difficulties were encountered during the %solids/moisture analyses.

All quality control parameters were within the acceptance limits.

TOTAL PETROLEUM HYDROCARBONS

Samples 460-62993-1 through 460-62993-43 were analyzed for total petroleum hydrocarbons in accordance with NJ-OQA-QAM-025. The samples were prepared on 09/16/2013, 09/17/2013 and 09/18/2013 and analyzed on 09/18/2013 and 09/19/2013.

Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62993-10. Chlorobenzene failed the surrogate recovery criteria high for 460-62993-13. Chlorobenzene failed the surrogate recovery criteria low for 460-62993-14. Chlorobenzene failed the surrogate recovery criteria high for 460-62993-16. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62993-19. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62993-2. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62993-20. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62993-21. o-Terphenyl failed the surrogate recovery criteria high for 460-62993-26. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62993-27. Chlorobenzene failed the surrogate recovery criteria high for 460-62993-28. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62993-3. Chlorobenzene failed the surrogate recovery criteria low for 460-62993-31. Chlorobenzene failed the surrogate recovery criteria high for 460-62993-33. Chlorobenzene failed the surrogate recovery criteria low for 460-62993-34. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62993-38. Chlorobenzene failed the surrogate recovery criteria high for 460-62993-43. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62993-5. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62993-6. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62993-7. Chlorobenzene failed the surrogate recovery criteria low for 460-62993-8. Chlorobenzene failed the surrogate recovery criteria high for 460-62993-22MS. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62993-2MS. Chlorobenzene failed the surrogate recovery criteria low for 460-62993-43MS. Chlorobenzene failed the surrogate recovery criteria high for 460-62993-22MSD. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62993-2MSD.

The surrogate recovery of chlorobenzene was outside of control limits. However, the surrogate recovery of o-terphenyl was within the control limits. Thus, the data has been reported.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 181947 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The surrogate recovery of chlorobenzene was outside of control limits. However, the surrogate recovery of o-terphenyl was within the control limits. Thus, the data has been reported.

Total Petroleum Hydrocarbons (C8-C40) failed the recovery criteria high for the MS of sample 460-62993-2 in batch 460-181947.

Total Petroleum Hydrocarbons (C8-C40) failed the recovery criteria high for the MSD of sample 460-62993-2 in batch 460-182277.

Refer to the QC report for details.

Due to the level of dilution required for the following sample(s), surrogate recoveries are not reported: 460-62993-27, 460-62993-38.

Due to the level of dilution required for the following sample(s), surrogate recoveries are not reported: 460-62993-2, 460-62993-2 MS, 460-62993-2 MSD, 460-62993-3, 460-62993-5, 460-62993-6, 460-62993-7, 460-62993-10, 460-62993-19, 460-62993-20, 460-62993-21.

Samples 460-62993-2(20X), 460-62993-3(10X), 460-62993-5 through 460-62993-7(10X), 460-62993-10(10X), 460-62993-19 through 460-62993-21(20X), 460-62993-27(20X) and 460-62993-38(10X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the QAM 025 analyses.

All other quality control parameters were within the acceptance limits.

TOTAL PETROLEUM HYDROCARBONS

Sample 460-62993-44 was analyzed for total petroleum hydrocarbons in accordance with NJ-OQA-QAM-025. The samples were

prepared on 09/16/2013 and analyzed on 09/17/2013.

No difficulties were encountered during the QAM-025 analysis.

All quality control parameters were within the acceptance limits.

CHLORIDE

Samples 460-62993-1 through 460-62993-43 were analyzed for Chloride in accordance with D3987-85/SM 4500 Cl- E. The samples were leached on 09/18/2013 and analyzed on 09/19/2013 and 09/20/2013.

No difficulties were encountered during the Chloride analyses.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-62993-1	PMP-6SE-VD	Solid	09/13/2013 0820	09/13/2013 1617
460-62993-2	PMP-6SE-WT	Solid	09/13/2013 0825	09/13/2013 1617
460-62993-3	PMP-6SE-SI	Solid	09/13/2013 0830	09/13/2013 1617
460-62993-4	PMP-5SE-VD	Solid	09/13/2013 0835	09/13/2013 1617
460-62993-5	PMP-5SE-WT	Solid	09/13/2013 0840	09/13/2013 1617
460-62993-6	PMP-5SE-SI	Solid	09/13/2013 0845	09/13/2013 1617
460-62993-7	PMP-8SE-VS	Solid	09/13/2013 0850	09/13/2013 1617
460-62993-8	PMP-8SE-VD	Solid	09/13/2013 0855	09/13/2013 1617
460-62993-9	PMP-8SE-WT	Solid	09/13/2013 0900	09/13/2013 1617
460-62993-10	PMP-4SE-VS	Solid	09/13/2013 0920	09/13/2013 1617
460-62993-11	PMP-4SE-VD	Solid	09/13/2013 0930	09/13/2013 1617
460-62993-12	PMP-4SE-WT	Solid	09/13/2013 0925	09/13/2013 1617
460-62993-13	PMP-14SE-VS	Solid	09/13/2013 0935	09/13/2013 1617
460-62993-14	PMP-14SE-VD	Solid	09/13/2013 0940	09/13/2013 1617
460-62993-15	PMP-14SE-WT	Solid	09/13/2013 0945	09/13/2013 1617
460-62993-16	PMP-25SE-VS	Solid	09/13/2013 0950	09/13/2013 1617
460-62993-17	PMP-25SE-VD	Solid	09/13/2013 0955	09/13/2013 1617
460-62993-18	PMP-25SE-WT	Solid	09/13/2013 1000	09/13/2013 1617
460-62993-19	PMP-7SE-VD	Solid	09/13/2013 1010	09/13/2013 1617
460-62993-20	PMP-7SE-WT	Solid	09/13/2013 1015	09/13/2013 1617
460-62993-21	PMP-7SE-SI	Solid	09/13/2013 1020	09/13/2013 1617
460-62993-22	PMP-10SE-VD	Solid	09/13/2013 1045	09/13/2013 1617
460-62993-23	PMP-10SE-WT	Solid	09/13/2013 1050	09/13/2013 1617
460-62993-24	PMP-10SE-SI	Solid	09/13/2013 1055	09/13/2013 1617
460-62993-25	PMP-10SE-SD	Solid	09/13/2013 1100	09/13/2013 1617
460-62993-26	PMP-13SE-VD	Solid	09/13/2013 1110	09/13/2013 1617
460-62993-27	PMP-13SE-WT	Solid	09/13/2013 1115	09/13/2013 1617
460-62993-28	PMP-13SE-SI	Solid	09/13/2013 1120	09/13/2013 1617
460-62993-29	PMP-13SE-SD	Solid	09/13/2013 1125	09/13/2013 1617
460-62993-30	PMP-15SE-VD	Solid	09/13/2013 1145	09/13/2013 1617
460-62993-31	PMP-15SE-WT	Solid	09/13/2013 1150	09/13/2013 1617
460-62993-32	PMP-15SE-SI	Solid	09/13/2013 1155	09/13/2013 1617
460-62993-33	PMP-15SE-SD	Solid	09/13/2013 1200	09/13/2013 1617
460-62993-34	PMP-31SE-VS	Solid	09/13/2013 1245	09/13/2013 1617
460-62993-35	PMP-31SE-VD	Solid	09/13/2013 1250	09/13/2013 1617
460-62993-36	PMP-31SE-WT	Solid	09/13/2013 1255	09/13/2013 1617
460-62993-37	PMP-32SE-VS	Solid	09/13/2013 1230	09/13/2013 1617
460-62993-38	PMP-32SE-VD	Solid	09/13/2013 1235	09/13/2013 1617
460-62993-39	PMP-32SE-WT	Solid	09/13/2013 1240	09/13/2013 1617
460-62993-40FD	DUP-091313	Solid	09/13/2013 0000	09/13/2013 1617
460-62993-41FD	DUP1-091313	Solid	09/13/2013 0000	09/13/2013 1617
460-62993-42FD	DUP2-091313	Solid	09/13/2013 0000	09/13/2013 1617
460-62993-43FD	DUP3-091313	Solid	09/13/2013 0000	09/13/2013 1617
460-62993-44FB	FB-091313	Water	09/13/2013 1300	09/13/2013 1617

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62993-1	**PMP-6SE-VD**					
cis-1,2-Dichloroethene		0.15	J	0.96	ug/Kg	8260B
Chloroform		2.2		0.96	ug/Kg	8260B
Trichloroethene		1.0		0.96	ug/Kg	8260B
1,2-Dichlorobenzene		0.15	J	0.96	ug/Kg	8260B
1,4-Dichlorobenzene		0.37	J	0.96	ug/Kg	8260B
1,2,4-Trichlorobenzene		1.8		0.96	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.54	J	0.96	ug/Kg	8260B
Tetrachloroethene		0.22	J	0.96	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		11		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.2		1.0	%	Moisture
Percent Solids		94.8		1.0	%	Moisture
460-62993-2	**PMP-6SE-WT**					
Chloroform		290		98	ug/Kg	8260B
Chlorobenzene		63	J	98	ug/Kg	8260B
Trichloroethene		130		98	ug/Kg	8260B
Toluene		21	J	98	ug/Kg	8260B
Methylcyclohexane		210		98	ug/Kg	8260B
Tetrachloroethene		39	J	98	ug/Kg	8260B
Xylenes, Total		400		290	ug/Kg	8260B
2-Methylnaphthalene		67	J	370	ug/Kg	8270C
Pyrene		110	J	370	ug/Kg	8270C
Aroclor 1242		38000		1900	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		3300		120	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		9.8		1.0	%	Moisture
Percent Solids		90.2		1.0	%	Moisture
460-62993-3	**PMP-6SE-SI**					
Chloroform		490		130	ug/Kg	8260B
Isopropylbenzene		57	J	130	ug/Kg	8260B
Trichloroethene		38	J	130	ug/Kg	8260B
Toluene		20	J	130	ug/Kg	8260B
1,2,4-Trichlorobenzene		860		130	ug/Kg	8260B
1,2,3-Trichlorobenzene		1300		130	ug/Kg	8260B
Methylcyclohexane		80	J *	130	ug/Kg	8260B
Tetrachloroethene		20	J	130	ug/Kg	8260B
Xylenes, Total		140	J	390	ug/Kg	8260B
Phenanthrene		910	J	1900	ug/Kg	8270C
Aroclor 1242		18000		780	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1000		64	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		14.2		1.0	%	Moisture
Percent Solids		85.8		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62993-4	**PMP-5SE-VD**					
1,4-Dichlorobenzene		0.53	J	1.1	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		8.5		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.7		1.0	%	Moisture
Percent Solids		95.3		1.0	%	Moisture
460-62993-5	**PMP-5SE-WT**					
Chlorobenzene		47	J	94	ug/Kg	8260B
Isopropylbenzene		70	J	94	ug/Kg	8260B
Toluene		38	J	94	ug/Kg	8260B
1,2-Dichlorobenzene		920		94	ug/Kg	8260B
1,3-Dichlorobenzene		580		94	ug/Kg	8260B
1,4-Dichlorobenzene		2500		94	ug/Kg	8260B
1,2,4-Trichlorobenzene		1200		94	ug/Kg	8260B
1,2,3-Trichlorobenzene		1500		94	ug/Kg	8260B
Methylcyclohexane		52	J *	94	ug/Kg	8260B
Tetrachloroethene		18	J	94	ug/Kg	8260B
Xylenes, Total		1300		280	ug/Kg	8260B
2-Methylnaphthalene		95	J	360	ug/Kg	8270C
Phenanthrene		740		360	ug/Kg	8270C
Pyrene		73	J	360	ug/Kg	8270C
Aroclor 1242		21000		1500	ug/Kg	8082
Aroclor 1260		4800		1500	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1300		61	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		9.8		1.0	%	Moisture
Percent Solids		90.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62993-6	**PMP-5SE-SI**					
Chloroform		16	J	120	ug/Kg	8260B
Ethylbenzene		32	J	120	ug/Kg	8260B
Isopropylbenzene		33	J	120	ug/Kg	8260B
1,2-Dichlorobenzene		120		120	ug/Kg	8260B
1,4-Dichlorobenzene		1600		120	ug/Kg	8260B
1,2,4-Trichlorobenzene		1900		120	ug/Kg	8260B
1,2,3-Trichlorobenzene		2200		120	ug/Kg	8260B
Methylcyclohexane		190	*	120	ug/Kg	8260B
Xylenes, Total		280	J	360	ug/Kg	8260B
Di-n-butyl phthalate		110	J	380	ug/Kg	8270C
Phenanthrene		650		380	ug/Kg	8270C
Pyrene		74	J	380	ug/Kg	8270C
Aroclor 1242		15000		760	ug/Kg	8082
Aroclor 1260		3500		760	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		900		63	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		12.4		1.0	%	Moisture
Percent Solids		87.6		1.0	%	Moisture
460-62993-7	**PMP-8SE-VS**					
Acetone		9.5	B	7.5	ug/Kg	8260B
Chloroform		0.68	J	1.5	ug/Kg	8260B
Trichloroethene		0.50	J	1.5	ug/Kg	8260B
1,4-Dichlorobenzene		0.50	J	1.5	ug/Kg	8260B
Tetrachloroethene		0.29	J	1.5	ug/Kg	8260B
Benzo[b]fluoranthene		17	J	69	ug/Kg	8270C
Aroclor 1248		15000		1400	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		350		57	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.1		1.0	%	Moisture
Percent Solids		95.9		1.0	%	Moisture
460-62993-8	**PMP-8SE-VD**					
Total Petroleum Hydrocarbons (C8-C40)		7.4		5.7	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		3.6		1.0	%	Moisture
Percent Solids		96.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62993-9	**PMP-8SE-WT**					
Acetone		3.9	J B	4.3	ug/Kg	8260B
Chloroform		2.0		0.86	ug/Kg	8260B
Trichloroethene		0.19	J	0.86	ug/Kg	8260B
1,4-Dichlorobenzene		0.51	J	0.86	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.39	J	0.86	ug/Kg	8260B
Tetrachloroethene		0.14	J	0.86	ug/Kg	8260B
Percent Moisture		9.1		1.0	%	Moisture
Percent Solids		90.9		1.0	%	Moisture
460-62993-10	**PMP-4SE-VS**					
Acetone		12	B	6.4	ug/Kg	8260B
Carbon disulfide		0.25	J	1.3	ug/Kg	8260B
cis-1,2-Dichloroethene		0.31	J	1.3	ug/Kg	8260B
Trichloroethene		3.5		1.3	ug/Kg	8260B
1,4-Dichlorobenzene		0.46	J	1.3	ug/Kg	8260B
1,2,4-Trichlorobenzene		9.2		1.3	ug/Kg	8260B
1,2,3-Trichlorobenzene		8.0		1.3	ug/Kg	8260B
Tetrachloroethene		2.5		1.3	ug/Kg	8260B
Bis(2-ethylhexyl) phthalate		1300	J	1800	ug/Kg	8270C
Aroclor 1248		190000		14000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		650		58	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.9		1.0	%	Moisture
Percent Solids		94.1		1.0	%	Moisture
460-62993-11	**PMP-4SE-VD**					
1,4-Dichlorobenzene		0.47	J	0.96	ug/Kg	8260B
Percent Moisture		7.1		1.0	%	Moisture
Percent Solids		92.9		1.0	%	Moisture
460-62993-12	**PMP-4SE-WT**					
1,4-Dichlorobenzene		0.35	J	0.91	ug/Kg	8260B
Aroclor 1248		99		69	ug/Kg	8082
Percent Moisture		3.4		1.0	%	Moisture
Percent Solids		96.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62993-13	**PMP-14SE-VS**					
Acetone		5.7	B	5.6	ug/Kg	8260B
Toluene		0.42	J	1.1	ug/Kg	8260B
1,4-Dichlorobenzene		0.44	J	1.1	ug/Kg	8260B
Benzo[k]fluoranthene		8.7	J	35	ug/Kg	8270C
Benzo[b]fluoranthene		25	J	35	ug/Kg	8270C
Benzo[a]pyrene		15	J	35	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		11	J	35	ug/Kg	8270C
Aroclor 1248		340		71	ug/Kg	8082
Aroclor 1260		62	J	71	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		130		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.5		1.0	%	Moisture
Percent Solids		94.5		1.0	%	Moisture
460-62993-14	**PMP-14SE-VD**					
Bromoform		0.24	J	1.0	ug/Kg	8260B
1,4-Dichlorobenzene		0.43	J	1.0	ug/Kg	8260B
Percent Moisture		3.4		1.0	%	Moisture
Percent Solids		96.6		1.0	%	Moisture
460-62993-15	**PMP-14SE-WT**					
1,4-Dichlorobenzene		0.51	J	0.85	ug/Kg	8260B
Percent Moisture		3.5		1.0	%	Moisture
Percent Solids		96.5		1.0	%	Moisture
460-62993-16	**PMP-25SE-VS**					
Di-n-butyl phthalate		100	J	350	ug/Kg	8270C
Total Petroleum Hydrocarbons (C8-C40)		15		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.3		1.0	%	Moisture
Percent Solids		94.7		1.0	%	Moisture
460-62993-17	**PMP-25SE-VD**					
Acetone		5.1	J B	12	ug/Kg	8260B
1,4-Dichlorobenzene		2.2	J	2.4	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		6.6		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.7		1.0	%	Moisture
Percent Solids		95.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62993-18	**PMP-25SE-WT**					
1,4-Dichlorobenzene		0.72	J	1.0	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		17		6.3	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		12.4		1.0	%	Moisture
Percent Solids		87.6		1.0	%	Moisture
460-62993-19	**PMP-7SE-VD**					
Chloroform		79	J	180	ug/Kg	8260B
Trichloroethene		21	J	180	ug/Kg	8260B
1,2,4-Trichlorobenzene		6800		180	ug/Kg	8260B
Pyrene		1700	J D	3500	ug/Kg	8270C
Aroclor 1242		12000		710	ug/Kg	8082
Aroclor 1260		1800		710	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		3600		120	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.6		1.0	%	Moisture
Percent Solids		94.4		1.0	%	Moisture
460-62993-20	**PMP-7SE-WT**					
1,2,4-Trichlorobenzene		1500		110	ug/Kg	8260B
1,2,3-Trichlorobenzene		450		110	ug/Kg	8260B
Acenaphthene		280	J	1800	ug/Kg	8270C
Phenanthrene		640	J	1800	ug/Kg	8270C
Pyrene		540	J	1800	ug/Kg	8270C
Aroclor 1242		110000		7400	ug/Kg	8082
Aroclor 1260		12000		7400	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		3500		120	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		10.1		1.0	%	Moisture
Percent Solids		89.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62993-21	**PMP-7SE-SI**					
Ethylbenzene		90		89	ug/Kg	8260B
Isopropylbenzene		430		89	ug/Kg	8260B
Methylcyclohexane		1000		89	ug/Kg	8260B
Tetrachloroethene		27	J	89	ug/Kg	8260B
Xylenes, Total		970		270	ug/Kg	8260B
2-Methylnaphthalene		1500		390	ug/Kg	8270C
Diphenyl		300	J	390	ug/Kg	8270C
Phenanthrene		1900		390	ug/Kg	8270C
Pyrene		410		390	ug/Kg	8270C
Aroclor 1242		29000		1600	ug/Kg	8082
Aroclor 1260		3400		1600	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		3400		130	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		15.9		1.0	%	Moisture
Percent Solids		84.1		1.0	%	Moisture
460-62993-22	**PMP-10SE-VD**					
Acetone		7.1	B	4.4	ug/Kg	8260B
1,4-Dichlorobenzene		0.42	J	0.88	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.48	J	0.88	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.44	J	0.88	ug/Kg	8260B
Aroclor 1242		55	J	70	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		56		5.7	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.2		1.0	%	Moisture
Percent Solids		95.8		1.0	%	Moisture
460-62993-23	**PMP-10SE-WT**					
Acetone		58	B	4.7	ug/Kg	8260B
Chloroform		14		0.93	ug/Kg	8260B
2-Butanone		5.8		4.7	ug/Kg	8260B
1,4-Dichlorobenzene		0.55	J	0.93	ug/Kg	8260B
1,2,4-Trichlorobenzene		31		0.93	ug/Kg	8260B
1,2,3-Trichlorobenzene		18		0.93	ug/Kg	8260B
Tetrachloroethene		10		0.93	ug/Kg	8260B
Xylenes, Total		7.7		2.8	ug/Kg	8260B
Aroclor 1242		79		76	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		8.4		6.2	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		11.8		1.0	%	Moisture
Percent Solids		88.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62993-24	**PMP-10SE-SI**					
Acetone		3.1	J B	4.8	ug/Kg	8260B
Carbon disulfide		0.14	J	0.95	ug/Kg	8260B
Chloroform		1.7		0.95	ug/Kg	8260B
Bromoform		0.41	J	0.95	ug/Kg	8260B
1,4-Dichlorobenzene		0.77	J	0.95	ug/Kg	8260B
Dibromochloromethane		0.25	J	0.95	ug/Kg	8260B
Aroclor 1242		56	J	78	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		7.8		6.4	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		14.5		1.0	%	Moisture
Percent Solids		85.5		1.0	%	Moisture
460-62993-25	**PMP-10SE-SD**					
Acetone		2.6	J B	5.2	ug/Kg	8260B
Chloroform		0.30	J	1.0	ug/Kg	8260B
MTBE		0.17	J	1.0	ug/Kg	8260B
1,4-Dichlorobenzene		0.67	J	1.0	ug/Kg	8260B
Percent Moisture		18.5		1.0	%	Moisture
Percent Solids		81.5		1.0	%	Moisture
460-62993-26	**PMP-13SE-VD**					
Acetone		11	B	4.3	ug/Kg	8260B
1,4-Dichlorobenzene		0.48	J	0.86	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.34	J	0.86	ug/Kg	8260B
Percent Moisture		5.7		1.0	%	Moisture
Percent Solids		94.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62993-27	**PMP-13SE-WT**					
Acetone		11	B	5.2	ug/Kg	8260B
Carbon disulfide		0.19	J	1.0	ug/Kg	8260B
cis-1,2-Dichloroethene		8.8		1.0	ug/Kg	8260B
Chloroform		46		1.0	ug/Kg	8260B
Ethylbenzene		0.28	J	1.0	ug/Kg	8260B
Chlorobenzene		0.35	J	1.0	ug/Kg	8260B
2-Hexanone		3.5	J	5.2	ug/Kg	8260B
Trichloroethene		1.3		1.0	ug/Kg	8260B
Toluene		0.48	J	1.0	ug/Kg	8260B
4-Methyl-2-pentanone		6.8		5.2	ug/Kg	8260B
1,2-Dichlorobenzene		0.17	J	1.0	ug/Kg	8260B
1,4-Dichlorobenzene		0.90	J	1.0	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.55	J	1.0	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.21	J	1.0	ug/Kg	8260B
Tetrachloroethene		0.32	J	1.0	ug/Kg	8260B
Xylenes, Total		2.0	J	3.1	ug/Kg	8260B
Aroclor 1242		34000		1900	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		3100		130	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		12.6		1.0	%	Moisture
Percent Solids		87.4		1.0	%	Moisture
460-62993-28	**PMP-13SE-SI**					
Tetrachloroethene		14	J	88	ug/Kg	8260B
Aroclor 1242		74	J	76	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		13		6.2	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		11.6		1.0	%	Moisture
Percent Solids		88.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62993-29	**PMP-13SE-SD**					
Acetone		5.5	B	4.2	ug/Kg	8260B
Carbon disulfide		0.13	J	0.85	ug/Kg	8260B
trans-1,2-Dichloroethene		0.59	J	0.85	ug/Kg	8260B
cis-1,2-Dichloroethene		5.4		0.85	ug/Kg	8260B
Chloroform		2.7		0.85	ug/Kg	8260B
Chlorobenzene		2.5		0.85	ug/Kg	8260B
Isopropylbenzene		0.42	J	0.85	ug/Kg	8260B
Freon TF		2.2		0.85	ug/Kg	8260B
Trichloroethene		60		0.85	ug/Kg	8260B
1,2-Dichlorobenzene		2.3		0.85	ug/Kg	8260B
1,4-Dichlorobenzene		0.48	J	0.85	ug/Kg	8260B
1,2,4-Trichlorobenzene		16		0.85	ug/Kg	8260B
1,2,3-Trichlorobenzene		4.6		0.85	ug/Kg	8260B
Methylcyclohexane		0.44	J	0.85	ug/Kg	8260B
Tetrachloroethene		8.9		0.85	ug/Kg	8260B
Aroclor 1242		80		78	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		18		6.4	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.8		1.0	%	Moisture
Percent Solids		86.2		1.0	%	Moisture
460-62993-30	**PMP-15SE-VD**					
Acetone		9.8	B	4.6	ug/Kg	8260B
1,4-Dichlorobenzene		0.42	J	0.92	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.46	J	0.92	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.19	J	0.92	ug/Kg	8260B
Aroclor 1242		130		70	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		69		5.7	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.2		1.0	%	Moisture
Percent Solids		95.8		1.0	%	Moisture
460-62993-31	**PMP-15SE-WT**					
Chloroform		13		0.97	ug/Kg	8260B
1,4-Dichlorobenzene		0.46	J	0.97	ug/Kg	8260B
Aroclor 1242		61	J	77	ug/Kg	8082
Percent Moisture		13.5		1.0	%	Moisture
Percent Solids		86.5		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62993-32	**PMP-15SE-SI**					
Acetone		6.5	B	5.6	ug/Kg	8260B
Chloroform		1.6		1.1	ug/Kg	8260B
1,4-Dichlorobenzene		0.85	J	1.1	ug/Kg	8260B
1,2,4-Trichlorobenzene		1.5		1.1	ug/Kg	8260B
1,2,3-Trichlorobenzene		1.4		1.1	ug/Kg	8260B
Di-n-butyl phthalate		160	J	390	ug/Kg	8270C
Aroclor 1242		95		78	ug/Kg	8082
Percent Moisture		14.6		1.0	%	Moisture
Percent Solids		85.4		1.0	%	Moisture
460-62993-33	**PMP-15SE-SD**					
Acetone		5.8	B	4.8	ug/Kg	8260B
Carbon disulfide		0.22	J	0.96	ug/Kg	8260B
cis-1,2-Dichloroethene		0.26	J	0.96	ug/Kg	8260B
Chloroform		2.7		0.96	ug/Kg	8260B
Trichloroethene		0.21	J	0.96	ug/Kg	8260B
1,4-Dichlorobenzene		0.43	J	0.96	ug/Kg	8260B
1,2,4-Trichlorobenzene		3.1		0.96	ug/Kg	8260B
1,2,3-Trichlorobenzene		2.6		0.96	ug/Kg	8260B
Methylcyclohexane		0.15	J	0.96	ug/Kg	8260B
Tetrachloroethene		0.25	J	0.96	ug/Kg	8260B
Di-n-butyl phthalate		180	J	400	ug/Kg	8270C
Aroclor 1242		150		80	ug/Kg	8082
Percent Moisture		16.9		1.0	%	Moisture
Percent Solids		83.1		1.0	%	Moisture
460-62993-34	**PMP-31SE-VS**					
Benzo[k]fluoranthene		7.1	J	35	ug/Kg	8270C
Benzo[b]fluoranthene		14	J	35	ug/Kg	8270C
Benzo[a]pyrene		9.7	J	35	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		7.9	J	35	ug/Kg	8270C
Total Petroleum Hydrocarbons (C8-C40)		24		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.1		1.0	%	Moisture
Percent Solids		94.9		1.0	%	Moisture
460-62993-35	**PMP-31SE-VD**					
1,4-Dichlorobenzene		0.42	J	0.94	ug/Kg	8260B
Percent Moisture		5.3		1.0	%	Moisture
Percent Solids		94.7		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62993-36	**PMP-31SE-WT**					
Acetone		2.0	J B	3.6	ug/Kg	8260B
1,4-Dichlorobenzene		0.44	J	0.72	ug/Kg	8260B
Percent Moisture		10.3		1.0	%	Moisture
Percent Solids		89.7		1.0	%	Moisture
460-62993-37	**PMP-32SE-VS**					
Acetone		130	B	5.3	ug/Kg	8260B
2-Butanone		2.8	J	5.3	ug/Kg	8260B
Styrene		1.7		1.1	ug/Kg	8260B
Methyl acetate		7.2		1.1	ug/Kg	8260B
Pyrene		30	J	340	ug/Kg	8270C
Benzo[k]fluoranthene		15	J	34	ug/Kg	8270C
Benzo[b]fluoranthene		31	J	34	ug/Kg	8270C
Benzo[a]pyrene		21	J	34	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		17	J	34	ug/Kg	8270C
Aroclor 1242		64	J	69	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		11		5.7	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		3.4		1.0	%	Moisture
Percent Solids		96.6		1.0	%	Moisture
460-62993-38	**PMP-32SE-VD**					
Acetone		3.7	J B	4.1	ug/Kg	8260B
1,2-Dichloroethane		1.2		0.82	ug/Kg	8260B
Toluene		5.6		0.82	ug/Kg	8260B
Benzo[b]fluoranthene		14	J	36	ug/Kg	8270C
Total Petroleum Hydrocarbons (C8-C40)		580		60	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		7.9		1.0	%	Moisture
Percent Solids		92.1		1.0	%	Moisture
460-62993-39	**PMP-32SE-WT**					
Acetone		10	B	6.2	ug/Kg	8260B
Carbon disulfide		0.46	J	1.2	ug/Kg	8260B
1,4-Dichlorobenzene		0.88	J	1.2	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		55		6.4	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		14.3		1.0	%	Moisture
Percent Solids		85.7		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62993-40FD	**DUP-091313**					
Acetone		14	B	4.4	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.37	J	0.89	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.29	J	0.89	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		89		5.7	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		3.9		1.0	%	Moisture
Percent Solids		96.1		1.0	%	Moisture
460-62993-41FD	**DUP1-091313**					
Acetone		28	B	4.5	ug/Kg	8260B
Chloroform		10		0.90	ug/Kg	8260B
2-Butanone		2.1	J	4.5	ug/Kg	8260B
Methyl acetate		2.6		0.90	ug/Kg	8260B
Trichloroethene		0.20	J	0.90	ug/Kg	8260B
1,2,4-Trichlorobenzene		21		0.90	ug/Kg	8260B
Methylcyclohexane		0.67	J	0.90	ug/Kg	8260B
Tetrachloroethene		6.4		0.90	ug/Kg	8260B
Xylenes, Total		1.9	J	2.7	ug/Kg	8260B
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
460-62993-42FD	**DUP2-091313**					
Acetone		1.9	J B	4.2	ug/Kg	8260B
Carbon disulfide		0.18	J	0.84	ug/Kg	8260B
Chloroform		2.0		0.84	ug/Kg	8260B
1,4-Dichlorobenzene		0.53	J	0.84	ug/Kg	8260B
Methylcyclohexane		0.19	J	0.84	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		21		6.4	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		14.1		1.0	%	Moisture
Percent Solids		85.9		1.0	%	Moisture
460-62993-43FD	**DUP3-091313**					
Acetone		2.9	J B	6.2	ug/Kg	8260B
Chloroform		4.2		1.2	ug/Kg	8260B
Bromoform		0.26	J	1.2	ug/Kg	8260B
1,4-Dichlorobenzene		0.96	J	1.2	ug/Kg	8260B
Dibromochloromethane		0.26	J	1.2	ug/Kg	8260B
Bromodichloromethane		0.55	J	1.2	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		25		6.7	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		17.9		1.0	%	Moisture
Percent Solids		82.1		1.0	%	Moisture

METHOD SUMMARY

Client: Antea USA, Inc. Job Number: 460-62993-1

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	
Microwave Extraction	TAL EDI		SW846 3546
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: 460-62993-1

Method	Analyst	Analyst ID
SW846 8260B	Boykin, Kenneth	KLB
SW846 8260B	Desai, Saurab	SZD
SW846 8260B	Martinez, Eddie	EMM
SW846 8260B	Tupayachi, Audberto	AAT
SW846 8270C	Bayoumi, Wahied	BAW
SW846 8270C	Crocco, Michael	MMC
SW846 8270C	Rana, Vidhi	VJR
SW846 8270C	Shalayda, Monica	MTS
SW846 8270C	Zhao, Chunxin	CAZ
SW846 8082	Kapoor, Sita	SAK
SW846 8082	Patel, Jignesh	JHP
NJDEP NJ-OQA-QAM-025	Kim, Ho	HJK
EPA Moisture	Robinson, Ian	ITR
SM SM 4500 Cl- B	Vu, Huan	HTV
SM SM 4500 Cl- E	Cabanganan, Maria	MCC

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-VD**

Lab Sample ID: 460-62993-1 Date Sampled: 09/13/2013 0820
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77918.D
Dilution:	1.0			Initial Weight/Volume:	5.508 g
Analysis Date:	09/16/2013 2014			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1433				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.96
Bromomethane		0.41	U	0.41	0.96
Vinyl chloride		0.33	U	0.33	0.96
Chloroethane		0.32	U	0.32	0.96
Methylene Chloride		0.14	U	0.14	0.96
Acetone		1.6	U	1.6	4.8
Carbon disulfide		0.14	U	0.14	0.96
Trichlorofluoromethane		0.15	U	0.15	0.96
1,1-Dichloroethene		0.18	U	0.18	0.96
1,1-Dichloroethane		0.11	U	0.11	0.96
trans-1,2-Dichloroethene		0.12	U	0.12	0.96
cis-1,2-Dichloroethene		0.15	J	0.11	0.96
Chloroform		2.2		0.23	0.96
2-Butanone		0.60	U	0.60	4.8
1,2-Dichloroethane		0.17	U	0.17	0.96
1,1,1-Trichloroethane		0.12	U	0.12	0.96
Carbon tetrachloride		0.14	U	0.14	0.96
Benzene		0.14	U	0.14	0.96
Bromoform		0.16	U	0.16	0.96
Styrene		0.27	U	0.27	0.96
Ethylbenzene		0.16	U	0.16	0.96
Chlorobenzene		0.17	U	0.17	0.96
Cyclohexane		0.12	U	0.12	0.96
Isopropylbenzene		0.11	U	0.11	0.96
2-Hexanone		0.12	U	0.12	4.8
MTBE		0.11	U	0.11	0.96
Freon TF		0.11	U	0.11	0.96
Methyl acetate		0.31	U	0.31	0.96
1,4-Dioxane		12	U	12	19
Trichloroethene		1.0		0.11	0.96
Toluene		0.13	U	0.13	0.96
trans-1,3-Dichloropropene		0.096	U	0.096	0.96
4-Methyl-2-pentanone		0.19	U	0.19	4.8
cis-1,3-Dichloropropene		0.13	U	0.13	0.96
1,2-Dichlorobenzene		0.15	J	0.096	0.96
1,3-Dichlorobenzene		0.15	U	0.15	0.96
1,4-Dichlorobenzene		0.37	J	0.11	0.96
1,2,4-Trichlorobenzene		1.8		0.18	0.96
1,2,3-Trichlorobenzene		0.54	J	0.15	0.96
1,2-Dichloropropane		0.14	U	0.14	0.96
Methylcyclohexane		0.096	U	0.096	0.96
Tetrachloroethene		0.22	J	0.11	0.96
Xylenes, Total		0.64	U	0.64	2.9
1,2-Dibromo-3-Chloropropane		0.42	U	0.42	0.96
1,1,2,2-Tetrachloroethane		0.086	U	0.086	0.96
1,1,2-Trichloroethane		0.13	U	0.13	0.96

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-VD**

Lab Sample ID: 460-62993-1 Date Sampled: 09/13/2013 0820
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77918.D
Dilution:	1.0			Initial Weight/Volume:	5.508 g
Analysis Date:	09/16/2013 2014			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1433				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.096	U	0.096	0.96
1,2-Dibromoethane		0.14	U	0.14	0.96
Dichlorodifluoromethane		0.21	U	0.21	0.96
Bromochloromethane		0.11	U	0.11	0.96
Bromodichloromethane		0.31	U	0.31	0.96

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 130
Toluene-d8 (Surr)	105		70 - 130
Bromofluorobenzene	100		70 - 130
Dibromofluoromethane (Surr)	102		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-VD**

Lab Sample ID: 460-62993-1 Date Sampled: 09/13/2013 0820
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77918.D
Dilution:	1.0			Initial Weight/Volume:	5.508 g
Analysis Date:	09/16/2013 2014			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1433				

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: 460-62993-1

Client Sample ID: **PMP-6SE-WT**

Lab Sample ID: 460-62993-2 Date Sampled: 09/13/2013 0825
Client Matrix: Solid % Moisture: 9.8 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60710.D
Dilution:	50			Initial Weight/Volume:	5.656 g
Analysis Date:	09/20/2013 0410			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1407				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		9.5	U	9.5	98
Bromomethane		18	U	18	98
Vinyl chloride		14	U	14	98
Chloroethane		17	U	17	98
Methylene Chloride		18	U	18	98
Acetone		260	U	260	490
Carbon disulfide		12	U	12	98
Trichlorofluoromethane		14	U	14	98
1,1-Dichloroethene		8.7	U	8.7	98
1,1-Dichloroethane		13	U	13	98
trans-1,2-Dichloroethene		13	U	13	98
cis-1,2-Dichloroethene		17	U	17	98
Chloroform		290		7.7	98
2-Butanone		230	U	230	490
1,2-Dichloroethane		19	U	19	98
1,1,1-Trichloroethane		6.1	U	6.1	98
Carbon tetrachloride		5.6	U	5.6	98
Benzene		8.1	U	8.1	98
Bromoform		19	U	19	98
Styrene		12	U	12	98
Ethylbenzene		9.4	U	9.4	98
Chlorobenzene		63	J	11	98
Cyclohexane		16	U	16	98
Isopropylbenzene		7.5	U	7.5	98
2-Hexanone		49	U	49	490
MTBE		14	U	14	98
Freon TF		8.0	U	8.0	98
Methyl acetate		33	U	33	490
1,4-Dioxane		3500	U	3500	4900
Trichloroethene		130		9.0	98
Toluene		21	J	15	98
trans-1,3-Dichloropropene		24	U	24	98
4-Methyl-2-pentanone		97	U	97	490
cis-1,3-Dichloropropene		18	U	18	98
1,2-Dichlorobenzene		20	U	20	98
1,3-Dichlorobenzene		13	U	13	98
1,4-Dichlorobenzene		23	U	23	98
1,2,4-Trichlorobenzene		34	U	34	98
1,2,3-Trichlorobenzene		50	U	50	98
1,2-Dichloropropane		8.4	U	8.4	98
Methylcyclohexane		210		13	98
Tetrachloroethene		39	J	9.5	98
Xylenes, Total		400		35	290
1,2-Dibromo-3-Chloropropane		39	U	39	98
1,1,2,2-Tetrachloroethane		15	U	15	98
1,1,2-Trichloroethane		18	U	18	98

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-WT**

Lab Sample ID: 460-62993-2 Date Sampled: 09/13/2013 0825
Client Matrix: Solid % Moisture: 9.8 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60710.D
Dilution:	50			Initial Weight/Volume:	5.656 g
Analysis Date:	09/20/2013 0410			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1407				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		20	U	20	98
1,2-Dibromoethane		27	U	27	98
Dichlorodifluoromethane		21	U	21	98
Bromochloromethane		27	U	27	98
Bromodichloromethane		12	U	12	98

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		75 - 135
Toluene-d8 (Surr)	78		59 - 150
Bromofluorobenzene	86		72 - 133
Dibromofluoromethane (Surr)	84		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-WT**

Lab Sample ID: 460-62993-2 Date Sampled: 09/13/2013 0825
Client Matrix: Solid % Moisture: 9.8 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60710.D
Dilution:	50			Initial Weight/Volume:	5.656 g
Analysis Date:	09/20/2013 0410			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1407				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	11.04	19000	J N
1074-55-1	Benzene, 1-methyl-4-propyl-	11.18	11000	J N
2039-90-9	Benzene, 2-ethenyl-1,3-dimethyl-	11.46	12000	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.55	12000	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.71	17000	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.77	12000	J N
76089-59-3	1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	12.03	22000	J N
4912-92-9	1H-Indene, 2,3-dihydro-1,1-dimethyl-	12.33	15000	J N
97664-18-1	Benzene, 1-methyl-4-(1-methyl-2-propenyl	12.41	16000	J N
629-50-5	Tridecane	12.71	11000	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-SI**

Lab Sample ID: 460-62993-3 Date Sampled: 09/13/2013 0830
Client Matrix: Solid % Moisture: 14.2 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60688.D
Dilution:	50			Initial Weight/Volume:	4.537 g
Analysis Date:	09/19/2013 1958			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1407				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		12	U	12	130
Bromomethane		23	U	23	130
Vinyl chloride		19	U	19	130
Chloroethane		22	U	22	130
Methylene Chloride		23	U	23	130
Acetone		340	U	340	640
Carbon disulfide		16	U	16	130
Trichlorofluoromethane		19	U	19	130
1,1-Dichloroethene		11	U	11	130
1,1-Dichloroethane		17	U	17	130
trans-1,2-Dichloroethene		17	U	17	130
cis-1,2-Dichloroethene		23	U	23	130
Chloroform		490		10	130
2-Butanone		300	U	300	640
1,2-Dichloroethane		24	U	24	130
1,1,1-Trichloroethane		8.0	U	8.0	130
Carbon tetrachloride		7.3	U	7.3	130
Benzene		11	U	11	130
Bromoform		25	U	25	130
Styrene		15	U	15	130
Ethylbenzene		12	U	12	130
Chlorobenzene		14	U	14	130
Cyclohexane		20	U	20	130
Isopropylbenzene		57	J	9.8	130
2-Hexanone		64	U	64	640
MTBE		18	U	18	130
Freon TF		11	U	11	130
Methyl acetate		43	U	43	640
1,4-Dioxane		4600	U	4600	6400
Trichloroethene		38	J	12	130
Toluene		20	J	19	130
trans-1,3-Dichloropropene		31	U	31	130
4-Methyl-2-pentanone		130	U	130	640
cis-1,3-Dichloropropene		24	U	24	130
1,2-Dichlorobenzene		26	U	26	130
1,3-Dichlorobenzene		17	U	17	130
1,4-Dichlorobenzene		30	U	30	130
1,2,4-Trichlorobenzene		860		44	130
1,2,3-Trichlorobenzene		1300		66	130
1,2-Dichloropropane		11	U	11	130
Methylcyclohexane		80	J *	17	130
Tetrachloroethene		20	J	12	130
Xylenes, Total		140	J	46	390
1,2-Dibromo-3-Chloropropane		51	U *	51	130
1,1,2,2-Tetrachloroethane		20	U	20	130
1,1,2-Trichloroethane		24	U	24	130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-SI**

Lab Sample ID: 460-62993-3 Date Sampled: 09/13/2013 0830
Client Matrix: Solid % Moisture: 14.2 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60688.D
Dilution:	50			Initial Weight/Volume:	4.537 g
Analysis Date:	09/19/2013 1958			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1407				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		26	U	26	130
1,2-Dibromoethane		35	U	35	130
Dichlorodifluoromethane		28	U	28	130
Bromochloromethane		35	U	35	130
Bromodichloromethane		16	U	16	130

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		75 - 135
Toluene-d8 (Surr)	84		59 - 150
Bromofluorobenzene	92		72 - 133
Dibromofluoromethane (Surr)	93		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-SI**

Lab Sample ID: 460-62993-3 Date Sampled: 09/13/2013 0830
Client Matrix: Solid % Moisture: 14.2 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60688.D
Dilution:	50			Initial Weight/Volume:	4.537 g
Analysis Date:	09/19/2013 1958			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1407				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
124-18-5	Decane	10.15	16000	J N
1074-43-7	Benzene, 1-methyl-3-propyl-	11.05	15000	J N
1000152-47-3	trans-Decalin, 2-methyl-	11.55	10000	J N
4292-92-6	Cyclohexane, pentyl-	11.58	15000	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.71	14000	J N
76089-59-3	1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	12.03	18000	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	12.13	16000	J N
13632-94-5	Benzene, 1,4-diethyl-2-methyl-	12.33	12000	J N
4489-84-3	Benzene, (3-methyl-2-butenyl)-	12.41	18000	J N
	Unknown Aromatic	12.71	9400	J

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-VD**

Lab Sample ID: 460-62993-4 Date Sampled: 09/13/2013 0835
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182287	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O78103.D
Dilution:	1.0			Initial Weight/Volume:	4.988 g
Analysis Date:	09/20/2013 0840			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1435				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.17	U	0.17	1.1
Bromomethane		0.45	U	0.45	1.1
Vinyl chloride		0.36	U	0.36	1.1
Chloroethane		0.35	U	0.35	1.1
Methylene Chloride		0.16	U	0.16	1.1
Acetone		1.8	U	1.8	5.3
Carbon disulfide		0.16	U	0.16	1.1
Trichlorofluoromethane		0.17	U	0.17	1.1
1,1-Dichloroethene		0.20	U	0.20	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
Chloroform		0.25	U	0.25	1.1
2-Butanone		0.66	U	0.66	5.3
1,2-Dichloroethane		0.19	U	0.19	1.1
1,1,1-Trichloroethane		0.14	U	0.14	1.1
Carbon tetrachloride		0.16	U	0.16	1.1
Benzene		0.16	U	0.16	1.1
Bromoform		0.18	U	0.18	1.1
Styrene		0.29	U	0.29	1.1
Ethylbenzene		0.18	U	0.18	1.1
Chlorobenzene		0.19	U	0.19	1.1
Cyclohexane		0.14	U	0.14	1.1
Isopropylbenzene		0.12	U	0.12	1.1
2-Hexanone		0.14	U	0.14	5.3
MTBE		0.12	U	0.12	1.1
Freon TF		0.12	U	0.12	1.1
Methyl acetate		0.34	U	0.34	1.1
1,4-Dioxane		13	U	13	21
Trichloroethene		0.13	U	0.13	1.1
Toluene		0.15	U	0.15	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
4-Methyl-2-pentanone		0.21	U	0.21	5.3
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,3-Dichlorobenzene		0.17	U	0.17	1.1
1,4-Dichlorobenzene		0.53	J	0.12	1.1
1,2,4-Trichlorobenzene		0.20	U	0.20	1.1
1,2,3-Trichlorobenzene		0.17	U	0.17	1.1
1,2-Dichloropropane		0.16	U	0.16	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Tetrachloroethene		0.13	U	0.13	1.1
Xylenes, Total		0.70	U	0.70	3.2
1,2-Dibromo-3-Chloropropane		0.46	U	0.46	1.1
1,1,2,2-Tetrachloroethane		0.095	U	0.095	1.1
1,1,2-Trichloroethane		0.15	U	0.15	1.1

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-VD**

Lab Sample ID: 460-62993-4 Date Sampled: 09/13/2013 0835
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182287	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O78103.D
Dilution:	1.0			Initial Weight/Volume:	4.988 g
Analysis Date:	09/20/2013 0840			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1435				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		70 - 130
Toluene-d8 (Surr)	106		70 - 130
Bromofluorobenzene	98		70 - 130
Dibromofluoromethane (Surr)	106		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-VD**

Lab Sample ID: 460-62993-4 Date Sampled: 09/13/2013 0835
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182287	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O78103.D
Dilution:	1.0			Initial Weight/Volume:	4.988 g
Analysis Date:	09/20/2013 0840			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1435				

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: 460-62993-1

Client Sample ID: **PMP-5SE-WT**

Lab Sample ID: 460-62993-5 Date Sampled: 09/13/2013 0840
Client Matrix: Solid % Moisture: 9.8 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60686.D
Dilution:	50			Initial Weight/Volume:	5.868 g
Analysis Date:	09/19/2013 1914			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1408				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		9.1	U	9.1	94
Bromomethane		17	U	17	94
Vinyl chloride		14	U	14	94
Chloroethane		16	U	16	94
Methylene Chloride		17	U	17	94
Acetone		250	U	250	470
Carbon disulfide		12	U	12	94
Trichlorofluoromethane		14	U	14	94
1,1-Dichloroethene		8.3	U	8.3	94
1,1-Dichloroethane		12	U	12	94
trans-1,2-Dichloroethene		12	U	12	94
cis-1,2-Dichloroethene		17	U	17	94
Chloroform		7.4	U	7.4	94
2-Butanone		220	U	220	470
1,2-Dichloroethane		18	U	18	94
1,1,1-Trichloroethane		5.9	U	5.9	94
Carbon tetrachloride		5.4	U	5.4	94
Benzene		7.8	U	7.8	94
Bromoform		18	U	18	94
Styrene		11	U	11	94
Ethylbenzene		9.0	U	9.0	94
Chlorobenzene		47	J	10	94
Cyclohexane		15	U	15	94
Isopropylbenzene		70	J	7.2	94
2-Hexanone		47	U	47	470
MTBE		13	U	13	94
Freon TF		7.7	U	7.7	94
Methyl acetate		32	U	32	470
1,4-Dioxane		3400	U	3400	4700
Trichloroethene		8.7	U	8.7	94
Toluene		38	J	14	94
trans-1,3-Dichloropropene		23	U	23	94
4-Methyl-2-pentanone		93	U	93	470
cis-1,3-Dichloropropene		17	U	17	94
1,2-Dichlorobenzene		920		19	94
1,3-Dichlorobenzene		580		13	94
1,4-Dichlorobenzene		2500		22	94
1,2,4-Trichlorobenzene		1200		32	94
1,2,3-Trichlorobenzene		1500		48	94
1,2-Dichloropropane		8.1	U	8.1	94
Methylcyclohexane		52	J *	13	94
Tetrachloroethene		18	J	9.2	94
Xylenes, Total		1300		34	280
1,2-Dibromo-3-Chloropropane		38	U *	38	94
1,1,2,2-Tetrachloroethane		15	U	15	94
1,1,2-Trichloroethane		18	U	18	94

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-WT**

Lab Sample ID: 460-62993-5 Date Sampled: 09/13/2013 0840
Client Matrix: Solid % Moisture: 9.8 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60686.D
Dilution:	50			Initial Weight/Volume:	5.868 g
Analysis Date:	09/19/2013 1914			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1408				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		19	U	19	94
1,2-Dibromoethane		26	U	26	94
Dichlorodifluoromethane		20	U	20	94
Bromochloromethane		26	U	26	94
Bromodichloromethane		12	U	12	94

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		75 - 135
Toluene-d8 (Surr)	86		59 - 150
Bromofluorobenzene	95		72 - 133
Dibromofluoromethane (Surr)	94		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-WT**

Lab Sample ID: 460-62993-5 Date Sampled: 09/13/2013 0840
Client Matrix: Solid % Moisture: 9.8 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60686.D
Dilution:	50			Initial Weight/Volume:	5.868 g
Analysis Date:	09/19/2013 1914			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1408				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1678-92-8	Cyclohexane, propyl-	9.54	4800	J N
17301-94-9	Nonane, 4-methyl-	9.74	2600	J N
611-14-3	Benzene, 1-ethyl-2-methyl-	10.39	3500	J N
526-73-8	Benzene, 1,2,3-trimethyl-	10.85	19000	J N
1587-04-8	Benzene, 1-methyl-2-(2-propenyl)-	11.46	2900	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.55	2600	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.71	3500	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.03	4900	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	12.13	3800	J N
17059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethyl-	12.41	3300	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-SI**

Lab Sample ID: 460-62993-6 Date Sampled: 09/13/2013 0845
Client Matrix: Solid % Moisture: 12.4 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60687.D
Dilution:	50			Initial Weight/Volume:	4.799 g
Analysis Date:	09/19/2013 1936			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1409				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		12	U	12	120
Bromomethane		22	U	22	120
Vinyl chloride		17	U	17	120
Chloroethane		20	U	20	120
Methylene Chloride		22	U	22	120
Acetone		320	U	320	590
Carbon disulfide		15	U	15	120
Trichlorofluoromethane		17	U	17	120
1,1-Dichloroethene		11	U	11	120
1,1-Dichloroethane		16	U	16	120
trans-1,2-Dichloroethene		15	U	15	120
cis-1,2-Dichloroethene		21	U	21	120
Chloroform		16	J	9.3	120
2-Butanone		280	U	280	590
1,2-Dichloroethane		22	U	22	120
1,1,1-Trichloroethane		7.4	U	7.4	120
Carbon tetrachloride		6.8	U	6.8	120
Benzene		9.8	U	9.8	120
Bromoform		23	U	23	120
Styrene		14	U	14	120
Ethylbenzene		32	J	11	120
Chlorobenzene		13	U	13	120
Cyclohexane		19	U	19	120
Isopropylbenzene		33	J	9.1	120
2-Hexanone		59	U	59	590
MTBE		16	U	16	120
Freon TF		9.7	U	9.7	120
Methyl acetate		40	U	40	590
1,4-Dioxane		4300	U	4300	5900
Trichloroethene		11	U	11	120
Toluene		18	U	18	120
trans-1,3-Dichloropropene		29	U	29	120
4-Methyl-2-pentanone		120	U	120	590
cis-1,3-Dichloropropene		22	U	22	120
1,2-Dichlorobenzene		120		24	120
1,3-Dichlorobenzene		16	U	16	120
1,4-Dichlorobenzene		1600		28	120
1,2,4-Trichlorobenzene		1900		41	120
1,2,3-Trichlorobenzene		2200		61	120
1,2-Dichloropropane		10	U	10	120
Methylcyclohexane		190	*	16	120
Tetrachloroethene		12	U	12	120
Xylenes, Total		280	J	43	360
1,2-Dibromo-3-Chloropropane		48	U *	48	120
1,1,2,2-Tetrachloroethane		19	U	19	120
1,1,2-Trichloroethane		22	U	22	120

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-SI**

Lab Sample ID: 460-62993-6 Date Sampled: 09/13/2013 0845
Client Matrix: Solid % Moisture: 12.4 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60687.D
Dilution:	50			Initial Weight/Volume:	4.799 g
Analysis Date:	09/19/2013 1936			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1409				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		24	U	24	120
1,2-Dibromoethane		33	U	33	120
Dichlorodifluoromethane		26	U	26	120
Bromochloromethane		32	U	32	120
Bromodichloromethane		15	U	15	120

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		75 - 135
Toluene-d8 (Surr)	84		59 - 150
Bromofluorobenzene	92		72 - 133
Dibromofluoromethane (Surr)	89		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-SI**

Lab Sample ID: 460-62993-6 Date Sampled: 09/13/2013 0845
Client Matrix: Solid % Moisture: 12.4 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60687.D
Dilution:	50			Initial Weight/Volume:	4.799 g
Analysis Date:	09/19/2013 1936			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1409				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
124-18-5	Decane	10.15	13000	J N
493-02-7	Naphthalene, decahydro-, trans-	11.04	10000	J N
1120-21-4	Undecane	11.10	15000	J N
934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	11.26	9700	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.55	10000	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.71	10000	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.77	10000	J N
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	12.03	13000	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	12.13	15000	J N
1000161-07-9	Cyclopropane, 1-chloro-1-methyl-2-phenyl	12.41	13000	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-VS**

Lab Sample ID: 460-62993-7 Date Sampled: 09/13/2013 0850
Client Matrix: Solid % Moisture: 4.1 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182287	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O78105.D
Dilution:	1.0			Initial Weight/Volume:	3.461 g
Analysis Date:	09/20/2013 0930			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1438				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.24	U	0.24	1.5
Bromomethane		0.65	U	0.65	1.5
Vinyl chloride		0.51	U	0.51	1.5
Chloroethane		0.50	U	0.50	1.5
Methylene Chloride		0.23	U	0.23	1.5
Acetone		9.5	B	2.5	7.5
Carbon disulfide		0.23	U	0.23	1.5
Trichlorofluoromethane		0.24	U	0.24	1.5
1,1-Dichloroethene		0.29	U	0.29	1.5
1,1-Dichloroethane		0.17	U	0.17	1.5
trans-1,2-Dichloroethene		0.20	U	0.20	1.5
cis-1,2-Dichloroethene		0.17	U	0.17	1.5
Chloroform		0.68	J	0.36	1.5
2-Butanone		0.95	U	0.95	7.5
1,2-Dichloroethane		0.27	U	0.27	1.5
1,1,1-Trichloroethane		0.20	U	0.20	1.5
Carbon tetrachloride		0.23	U	0.23	1.5
Benzene		0.23	U	0.23	1.5
Bromoform		0.26	U	0.26	1.5
Styrene		0.42	U	0.42	1.5
Ethylbenzene		0.26	U	0.26	1.5
Chlorobenzene		0.27	U	0.27	1.5
Cyclohexane		0.20	U	0.20	1.5
Isopropylbenzene		0.17	U	0.17	1.5
2-Hexanone		0.20	U	0.20	7.5
MTBE		0.17	U	0.17	1.5
Freon TF		0.17	U	0.17	1.5
Methyl acetate		0.48	U	0.48	1.5
1,4-Dioxane		19	U	19	30
Trichloroethene		0.50	J	0.18	1.5
Toluene		0.21	U	0.21	1.5
trans-1,3-Dichloropropene		0.15	U	0.15	1.5
4-Methyl-2-pentanone		0.30	U	0.30	7.5
cis-1,3-Dichloropropene		0.21	U	0.21	1.5
1,2-Dichlorobenzene		0.15	U	0.15	1.5
1,3-Dichlorobenzene		0.24	U	0.24	1.5
1,4-Dichlorobenzene		0.50	J	0.17	1.5
1,2,4-Trichlorobenzene		0.29	U	0.29	1.5
1,2,3-Trichlorobenzene		0.24	U	0.24	1.5
1,2-Dichloropropane		0.23	U	0.23	1.5
Methylcyclohexane		0.15	U	0.15	1.5
Tetrachloroethene		0.29	J	0.18	1.5
Xylenes, Total		1.0	U	1.0	4.5
1,2-Dibromo-3-Chloropropane		0.66	U	0.66	1.5
1,1,2,2-Tetrachloroethane		0.14	U	0.14	1.5
1,1,2-Trichloroethane		0.21	U	0.21	1.5

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-VS**

Lab Sample ID: 460-62993-7 Date Sampled: 09/13/2013 0850
Client Matrix: Solid % Moisture: 4.1 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182287	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O78105.D
Dilution:	1.0			Initial Weight/Volume:	3.461 g
Analysis Date:	09/20/2013 0930			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1438				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.15	U	0.15	1.5
1,2-Dibromoethane		0.23	U	0.23	1.5
Dichlorodifluoromethane		0.33	U	0.33	1.5
Bromochloromethane		0.17	U	0.17	1.5
Bromodichloromethane		0.48	U	0.48	1.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	128		70 - 130
Toluene-d8 (Surr)	112		70 - 130
Bromofluorobenzene	99		70 - 130
Dibromofluoromethane (Surr)	108		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-VS**

Lab Sample ID: 460-62993-7 Date Sampled: 09/13/2013 0850
Client Matrix: Solid % Moisture: 4.1 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182287	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O78105.D
Dilution:	1.0			Initial Weight/Volume:	3.461 g
Analysis Date:	09/20/2013 0930			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1438				

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: 460-62993-1

Client Sample ID: **PMP-8SE-VD**

Lab Sample ID: 460-62993-8 Date Sampled: 09/13/2013 0855
Client Matrix: Solid % Moisture: 3.6 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77919.D
Dilution:	1.0			Initial Weight/Volume:	6.801 g
Analysis Date:	09/16/2013 2038			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1439				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.12	U	0.12	0.76
Bromomethane		0.33	U	0.33	0.76
Vinyl chloride		0.26	U	0.26	0.76
Chloroethane		0.25	U	0.25	0.76
Methylene Chloride		0.11	U	0.11	0.76
Acetone		1.3	U	1.3	3.8
Carbon disulfide		0.11	U	0.11	0.76
Trichlorofluoromethane		0.12	U	0.12	0.76
1,1-Dichloroethene		0.14	U	0.14	0.76
1,1-Dichloroethane		0.084	U	0.084	0.76
trans-1,2-Dichloroethene		0.099	U	0.099	0.76
cis-1,2-Dichloroethene		0.084	U	0.084	0.76
Chloroform		0.18	U	0.18	0.76
2-Butanone		0.48	U	0.48	3.8
1,2-Dichloroethane		0.14	U	0.14	0.76
1,1,1-Trichloroethane		0.099	U	0.099	0.76
Carbon tetrachloride		0.11	U	0.11	0.76
Benzene		0.11	U	0.11	0.76
Bromoform		0.13	U	0.13	0.76
Styrene		0.21	U	0.21	0.76
Ethylbenzene		0.13	U	0.13	0.76
Chlorobenzene		0.14	U	0.14	0.76
Cyclohexane		0.099	U	0.099	0.76
Isopropylbenzene		0.084	U	0.084	0.76
2-Hexanone		0.099	U	0.099	3.8
MTBE		0.084	U	0.084	0.76
Freon TF		0.084	U	0.084	0.76
Methyl acetate		0.24	U	0.24	0.76
1,4-Dioxane		9.7	U	9.7	15
Trichloroethene		0.092	U	0.092	0.76
Toluene		0.11	U	0.11	0.76
trans-1,3-Dichloropropene		0.076	U	0.076	0.76
4-Methyl-2-pentanone		0.15	U	0.15	3.8
cis-1,3-Dichloropropene		0.11	U	0.11	0.76
1,2-Dichlorobenzene		0.076	U	0.076	0.76
1,3-Dichlorobenzene		0.12	U	0.12	0.76
1,4-Dichlorobenzene		0.084	U	0.084	0.76
1,2,4-Trichlorobenzene		0.14	U	0.14	0.76
1,2,3-Trichlorobenzene		0.12	U	0.12	0.76
1,2-Dichloropropane		0.11	U	0.11	0.76
Methylcyclohexane		0.076	U	0.076	0.76
Tetrachloroethene		0.092	U	0.092	0.76
Xylenes, Total		0.51	U	0.51	2.3
1,2-Dibromo-3-Chloropropane		0.34	U	0.34	0.76
1,1,2,2-Tetrachloroethane		0.069	U	0.069	0.76
1,1,2-Trichloroethane		0.11	U	0.11	0.76

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-VD**

Lab Sample ID: 460-62993-8 Date Sampled: 09/13/2013 0855
Client Matrix: Solid % Moisture: 3.6 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77919.D
Dilution:	1.0			Initial Weight/Volume:	6.801 g
Analysis Date:	09/16/2013 2038			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1439				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.076	U	0.076	0.76
1,2-Dibromoethane		0.11	U	0.11	0.76
Dichlorodifluoromethane		0.17	U	0.17	0.76
Bromochloromethane		0.084	U	0.084	0.76
Bromodichloromethane		0.24	U	0.24	0.76

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 130
Toluene-d8 (Surr)	107		70 - 130
Bromofluorobenzene	98		70 - 130
Dibromofluoromethane (Surr)	98		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-VD**

Lab Sample ID: 460-62993-8 Date Sampled: 09/13/2013 0855
Client Matrix: Solid % Moisture: 3.6 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77919.D
Dilution:	1.0			Initial Weight/Volume:	6.801 g
Analysis Date:	09/16/2013 2038			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1439				

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: 460-62993-1

Client Sample ID: **PMP-8SE-WT**

Lab Sample ID: 460-62993-9 Date Sampled: 09/13/2013 0900
Client Matrix: Solid % Moisture: 9.1 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77920.D
Dilution:	1.0			Initial Weight/Volume:	6.37 g
Analysis Date:	09/16/2013 2103			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1440				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.14	U	0.14	0.86
Bromomethane		0.37	U	0.37	0.86
Vinyl chloride		0.29	U	0.29	0.86
Chloroethane		0.28	U	0.28	0.86
Methylene Chloride		0.13	U	0.13	0.86
Acetone		3.9	J B	1.5	4.3
Carbon disulfide		0.13	U	0.13	0.86
Trichlorofluoromethane		0.14	U	0.14	0.86
1,1-Dichloroethene		0.16	U	0.16	0.86
1,1-Dichloroethane		0.095	U	0.095	0.86
trans-1,2-Dichloroethene		0.11	U	0.11	0.86
cis-1,2-Dichloroethene		0.095	U	0.095	0.86
Chloroform		2.0		0.21	0.86
2-Butanone		0.54	U	0.54	4.3
1,2-Dichloroethane		0.16	U	0.16	0.86
1,1,1-Trichloroethane		0.11	U	0.11	0.86
Carbon tetrachloride		0.13	U	0.13	0.86
Benzene		0.13	U	0.13	0.86
Bromoform		0.15	U	0.15	0.86
Styrene		0.24	U	0.24	0.86
Ethylbenzene		0.15	U	0.15	0.86
Chlorobenzene		0.16	U	0.16	0.86
Cyclohexane		0.11	U	0.11	0.86
Isopropylbenzene		0.095	U	0.095	0.86
2-Hexanone		0.11	U	0.11	4.3
MTBE		0.095	U	0.095	0.86
Freon TF		0.095	U	0.095	0.86
Methyl acetate		0.28	U	0.28	0.86
1,4-Dioxane		11	U	11	17
Trichloroethene		0.19	J	0.10	0.86
Toluene		0.12	U	0.12	0.86
trans-1,3-Dichloropropene		0.086	U	0.086	0.86
4-Methyl-2-pentanone		0.17	U	0.17	4.3
cis-1,3-Dichloropropene		0.12	U	0.12	0.86
1,2-Dichlorobenzene		0.086	U	0.086	0.86
1,3-Dichlorobenzene		0.14	U	0.14	0.86
1,4-Dichlorobenzene		0.51	J	0.095	0.86
1,2,4-Trichlorobenzene		0.16	U	0.16	0.86
1,2,3-Trichlorobenzene		0.39	J	0.14	0.86
1,2-Dichloropropane		0.13	U	0.13	0.86
Methylcyclohexane		0.086	U	0.086	0.86
Tetrachloroethene		0.14	J	0.10	0.86
Xylenes, Total		0.58	U	0.58	2.6
1,2-Dibromo-3-Chloropropane		0.38	U	0.38	0.86
1,1,2,2-Tetrachloroethane		0.078	U	0.078	0.86
1,1,2-Trichloroethane		0.12	U	0.12	0.86

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-WT**

Lab Sample ID: 460-62993-9 Date Sampled: 09/13/2013 0900
Client Matrix: Solid % Moisture: 9.1 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77920.D
Dilution:	1.0			Initial Weight/Volume:	6.37 g
Analysis Date:	09/16/2013 2103			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1440				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.086	U	0.086	0.86
1,2-Dibromoethane		0.13	U	0.13	0.86
Dichlorodifluoromethane		0.19	U	0.19	0.86
Bromochloromethane		0.095	U	0.095	0.86
Bromodichloromethane		0.28	U	0.28	0.86

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 130
Toluene-d8 (Surr)	110		70 - 130
Bromofluorobenzene	101		70 - 130
Dibromofluoromethane (Surr)	101		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-WT**

Lab Sample ID: 460-62993-9 Date Sampled: 09/13/2013 0900
Client Matrix: Solid % Moisture: 9.1 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77920.D
Dilution:	1.0			Initial Weight/Volume:	6.37 g
Analysis Date:	09/16/2013 2103			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1440				

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: 460-62993-1

Client Sample ID: **PMP-4SE-VS**

Lab Sample ID: 460-62993-10 Date Sampled: 09/13/2013 0920
Client Matrix: Solid % Moisture: 5.9 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77921.D
Dilution:	1.0			Initial Weight/Volume:	4.171 g
Analysis Date:	09/16/2013 2128			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1440				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.20	U	0.20	1.3
Bromomethane		0.55	U	0.55	1.3
Vinyl chloride		0.43	U	0.43	1.3
Chloroethane		0.42	U	0.42	1.3
Methylene Chloride		0.19	U	0.19	1.3
Acetone		12	B	2.2	6.4
Carbon disulfide		0.25	J	0.19	1.3
Trichlorofluoromethane		0.20	U	0.20	1.3
1,1-Dichloroethene		0.24	U	0.24	1.3
1,1-Dichloroethane		0.14	U	0.14	1.3
trans-1,2-Dichloroethene		0.17	U	0.17	1.3
cis-1,2-Dichloroethene		0.31	J	0.14	1.3
Chloroform		0.31	U	0.31	1.3
2-Butanone		0.80	U	0.80	6.4
1,2-Dichloroethane		0.23	U	0.23	1.3
1,1,1-Trichloroethane		0.17	U	0.17	1.3
Carbon tetrachloride		0.19	U	0.19	1.3
Benzene		0.19	U	0.19	1.3
Bromoform		0.22	U	0.22	1.3
Styrene		0.36	U	0.36	1.3
Ethylbenzene		0.22	U	0.22	1.3
Chlorobenzene		0.23	U	0.23	1.3
Cyclohexane		0.17	U	0.17	1.3
Isopropylbenzene		0.14	U	0.14	1.3
2-Hexanone		0.17	U	0.17	6.4
MTBE		0.14	U	0.14	1.3
Freon TF		0.14	U	0.14	1.3
Methyl acetate		0.41	U	0.41	1.3
1,4-Dioxane		16	U	16	25
Trichloroethene		3.5		0.15	1.3
Toluene		0.18	U	0.18	1.3
trans-1,3-Dichloropropene		0.13	U	0.13	1.3
4-Methyl-2-pentanone		0.25	U	0.25	6.4
cis-1,3-Dichloropropene		0.18	U	0.18	1.3
1,2-Dichlorobenzene		0.13	U	0.13	1.3
1,3-Dichlorobenzene		0.20	U	0.20	1.3
1,4-Dichlorobenzene		0.46	J	0.14	1.3
1,2,4-Trichlorobenzene		9.2		0.24	1.3
1,2,3-Trichlorobenzene		8.0		0.20	1.3
1,2-Dichloropropane		0.19	U	0.19	1.3
Methylcyclohexane		0.13	U	0.13	1.3
Tetrachloroethene		2.5		0.15	1.3
Xylenes, Total		0.85	U	0.85	3.8
1,2-Dibromo-3-Chloropropane		0.56	U	0.56	1.3
1,1,2,2-Tetrachloroethane		0.11	U	0.11	1.3
1,1,2-Trichloroethane		0.18	U	0.18	1.3

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-VS**

Lab Sample ID: 460-62993-10 Date Sampled: 09/13/2013 0920
Client Matrix: Solid % Moisture: 5.9 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77921.D
Dilution:	1.0			Initial Weight/Volume:	4.171 g
Analysis Date:	09/16/2013 2128			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1440				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 130
Toluene-d8 (Surr)	110		70 - 130
Bromofluorobenzene	100		70 - 130
Dibromofluoromethane (Surr)	100		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-VS**

Lab Sample ID: 460-62993-10 Date Sampled: 09/13/2013 0920
Client Matrix: Solid % Moisture: 5.9 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77921.D
Dilution:	1.0			Initial Weight/Volume:	4.171 g
Analysis Date:	09/16/2013 2128			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1440				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
634-66-2	Benzene, 1,2,3,4-tetrachloro-	14.91	30	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-VD**

Lab Sample ID: 460-62993-11 Date Sampled: 09/13/2013 0930
Client Matrix: Solid % Moisture: 7.1 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77922.D
Dilution:	1.0			Initial Weight/Volume:	5.62 g
Analysis Date:	09/16/2013 2153			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1441				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.96
Bromomethane		0.41	U	0.41	0.96
Vinyl chloride		0.33	U	0.33	0.96
Chloroethane		0.32	U	0.32	0.96
Methylene Chloride		0.14	U	0.14	0.96
Acetone		1.6	U	1.6	4.8
Carbon disulfide		0.14	U	0.14	0.96
Trichlorofluoromethane		0.15	U	0.15	0.96
1,1-Dichloroethene		0.18	U	0.18	0.96
1,1-Dichloroethane		0.11	U	0.11	0.96
trans-1,2-Dichloroethene		0.12	U	0.12	0.96
cis-1,2-Dichloroethene		0.11	U	0.11	0.96
Chloroform		0.23	U	0.23	0.96
2-Butanone		0.60	U	0.60	4.8
1,2-Dichloroethane		0.17	U	0.17	0.96
1,1,1-Trichloroethane		0.12	U	0.12	0.96
Carbon tetrachloride		0.14	U	0.14	0.96
Benzene		0.14	U	0.14	0.96
Bromoform		0.16	U	0.16	0.96
Styrene		0.27	U	0.27	0.96
Ethylbenzene		0.16	U	0.16	0.96
Chlorobenzene		0.17	U	0.17	0.96
Cyclohexane		0.12	U	0.12	0.96
Isopropylbenzene		0.11	U	0.11	0.96
2-Hexanone		0.12	U	0.12	4.8
MTBE		0.11	U	0.11	0.96
Freon TF		0.11	U	0.11	0.96
Methyl acetate		0.31	U	0.31	0.96
1,4-Dioxane		12	U	12	19
Trichloroethene		0.11	U	0.11	0.96
Toluene		0.13	U	0.13	0.96
trans-1,3-Dichloropropene		0.096	U	0.096	0.96
4-Methyl-2-pentanone		0.19	U	0.19	4.8
cis-1,3-Dichloropropene		0.13	U	0.13	0.96
1,2-Dichlorobenzene		0.096	U	0.096	0.96
1,3-Dichlorobenzene		0.15	U	0.15	0.96
1,4-Dichlorobenzene		0.47	J	0.11	0.96
1,2,4-Trichlorobenzene		0.18	U	0.18	0.96
1,2,3-Trichlorobenzene		0.15	U	0.15	0.96
1,2-Dichloropropane		0.14	U	0.14	0.96
Methylcyclohexane		0.096	U	0.096	0.96
Tetrachloroethene		0.11	U	0.11	0.96
Xylenes, Total		0.64	U	0.64	2.9
1,2-Dibromo-3-Chloropropane		0.42	U	0.42	0.96
1,1,2,2-Tetrachloroethane		0.086	U	0.086	0.96
1,1,2-Trichloroethane		0.13	U	0.13	0.96

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-VD**

Lab Sample ID: 460-62993-11 Date Sampled: 09/13/2013 0930
Client Matrix: Solid % Moisture: 7.1 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77922.D
Dilution:	1.0			Initial Weight/Volume:	5.62 g
Analysis Date:	09/16/2013 2153			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1441				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.096	U	0.096	0.96
1,2-Dibromoethane		0.14	U	0.14	0.96
Dichlorodifluoromethane		0.21	U	0.21	0.96
Bromochloromethane		0.11	U	0.11	0.96
Bromodichloromethane		0.31	U	0.31	0.96

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 130
Toluene-d8 (Surr)	108		70 - 130
Bromofluorobenzene	99		70 - 130
Dibromofluoromethane (Surr)	99		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-VD**

Lab Sample ID: 460-62993-11 Date Sampled: 09/13/2013 0930
Client Matrix: Solid % Moisture: 7.1 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77922.D
Dilution:	1.0			Initial Weight/Volume:	5.62 g
Analysis Date:	09/16/2013 2153			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1441				

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: 460-62993-1

Client Sample ID: **PMP-4SE-WT**

Lab Sample ID: 460-62993-12 Date Sampled: 09/13/2013 0925
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77923.D
Dilution:	1.0			Initial Weight/Volume:	5.697 g
Analysis Date:	09/16/2013 2218			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1442				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.91
Bromomethane		0.39	U	0.39	0.91
Vinyl chloride		0.31	U	0.31	0.91
Chloroethane		0.30	U	0.30	0.91
Methylene Chloride		0.14	U	0.14	0.91
Acetone		1.5	U	1.5	4.5
Carbon disulfide		0.14	U	0.14	0.91
Trichlorofluoromethane		0.15	U	0.15	0.91
1,1-Dichloroethene		0.17	U	0.17	0.91
1,1-Dichloroethane		0.10	U	0.10	0.91
trans-1,2-Dichloroethene		0.12	U	0.12	0.91
cis-1,2-Dichloroethene		0.10	U	0.10	0.91
Chloroform		0.22	U	0.22	0.91
2-Butanone		0.57	U	0.57	4.5
1,2-Dichloroethane		0.16	U	0.16	0.91
1,1,1-Trichloroethane		0.12	U	0.12	0.91
Carbon tetrachloride		0.14	U	0.14	0.91
Benzene		0.14	U	0.14	0.91
Bromoform		0.15	U	0.15	0.91
Styrene		0.25	U	0.25	0.91
Ethylbenzene		0.15	U	0.15	0.91
Chlorobenzene		0.16	U	0.16	0.91
Cyclohexane		0.12	U	0.12	0.91
Isopropylbenzene		0.10	U	0.10	0.91
2-Hexanone		0.12	U	0.12	4.5
MTBE		0.10	U	0.10	0.91
Freon TF		0.10	U	0.10	0.91
Methyl acetate		0.29	U	0.29	0.91
1,4-Dioxane		12	U	12	18
Trichloroethene		0.11	U	0.11	0.91
Toluene		0.13	U	0.13	0.91
trans-1,3-Dichloropropene		0.091	U	0.091	0.91
4-Methyl-2-pentanone		0.18	U	0.18	4.5
cis-1,3-Dichloropropene		0.13	U	0.13	0.91
1,2-Dichlorobenzene		0.091	U	0.091	0.91
1,3-Dichlorobenzene		0.15	U	0.15	0.91
1,4-Dichlorobenzene		0.35	J	0.10	0.91
1,2,4-Trichlorobenzene		0.17	U	0.17	0.91
1,2,3-Trichlorobenzene		0.15	U	0.15	0.91
1,2-Dichloropropane		0.14	U	0.14	0.91
Methylcyclohexane		0.091	U	0.091	0.91
Tetrachloroethene		0.11	U	0.11	0.91
Xylenes, Total		0.61	U	0.61	2.7
1,2-Dibromo-3-Chloropropane		0.40	U	0.40	0.91
1,1,2,2-Tetrachloroethane		0.082	U	0.082	0.91
1,1,2-Trichloroethane		0.13	U	0.13	0.91

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-WT**

Lab Sample ID: 460-62993-12 Date Sampled: 09/13/2013 0925
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77923.D
Dilution:	1.0			Initial Weight/Volume:	5.697 g
Analysis Date:	09/16/2013 2218			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1442				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.091	U	0.091	0.91
1,2-Dibromoethane		0.14	U	0.14	0.91
Dichlorodifluoromethane		0.20	U	0.20	0.91
Bromochloromethane		0.10	U	0.10	0.91
Bromodichloromethane		0.29	U	0.29	0.91

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 130
Toluene-d8 (Surr)	109		70 - 130
Bromofluorobenzene	100		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-WT**

Lab Sample ID: 460-62993-12 Date Sampled: 09/13/2013 0925
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77923.D
Dilution:	1.0			Initial Weight/Volume:	5.697 g
Analysis Date:	09/16/2013 2218			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1442				

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: 460-62993-1

Client Sample ID: **PMP-14SE-VS**

Lab Sample ID: 460-62993-13 Date Sampled: 09/13/2013 0935
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77924.D
Dilution:	1.0			Initial Weight/Volume:	4.703 g
Analysis Date:	09/16/2013 2243			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1443				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.18	U	0.18	1.1
Bromomethane		0.48	U	0.48	1.1
Vinyl chloride		0.38	U	0.38	1.1
Chloroethane		0.37	U	0.37	1.1
Methylene Chloride		0.17	U	0.17	1.1
Acetone		5.7	B	1.9	5.6
Carbon disulfide		0.17	U	0.17	1.1
Trichlorofluoromethane		0.18	U	0.18	1.1
1,1-Dichloroethene		0.21	U	0.21	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
trans-1,2-Dichloroethene		0.15	U	0.15	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
Chloroform		0.27	U	0.27	1.1
2-Butanone		0.71	U	0.71	5.6
1,2-Dichloroethane		0.20	U	0.20	1.1
1,1,1-Trichloroethane		0.15	U	0.15	1.1
Carbon tetrachloride		0.17	U	0.17	1.1
Benzene		0.17	U	0.17	1.1
Bromoform		0.19	U	0.19	1.1
Styrene		0.32	U	0.32	1.1
Ethylbenzene		0.19	U	0.19	1.1
Chlorobenzene		0.20	U	0.20	1.1
Cyclohexane		0.15	U	0.15	1.1
Isopropylbenzene		0.12	U	0.12	1.1
2-Hexanone		0.15	U	0.15	5.6
MTBE		0.12	U	0.12	1.1
Freon TF		0.12	U	0.12	1.1
Methyl acetate		0.36	U	0.36	1.1
1,4-Dioxane		14	U	14	23
Trichloroethene		0.14	U	0.14	1.1
Toluene		0.42	J	0.16	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
4-Methyl-2-pentanone		0.23	U	0.23	5.6
cis-1,3-Dichloropropene		0.16	U	0.16	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,3-Dichlorobenzene		0.18	U	0.18	1.1
1,4-Dichlorobenzene		0.44	J	0.12	1.1
1,2,4-Trichlorobenzene		0.21	U	0.21	1.1
1,2,3-Trichlorobenzene		0.18	U	0.18	1.1
1,2-Dichloropropane		0.17	U	0.17	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Tetrachloroethene		0.14	U	0.14	1.1
Xylenes, Total		0.75	U	0.75	3.4
1,2-Dibromo-3-Chloropropane		0.50	U	0.50	1.1
1,1,2,2-Tetrachloroethane		0.10	U	0.10	1.1
1,1,2-Trichloroethane		0.16	U	0.16	1.1

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-VS**

Lab Sample ID: 460-62993-13 Date Sampled: 09/13/2013 0935
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77924.D
Dilution:	1.0			Initial Weight/Volume:	4.703 g
Analysis Date:	09/16/2013 2243			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1443				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.11	U	0.11	1.1
1,2-Dibromoethane		0.17	U	0.17	1.1
Dichlorodifluoromethane		0.25	U	0.25	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.36	U	0.36	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 130
Toluene-d8 (Surr)	86		70 - 130
Bromofluorobenzene	80		70 - 130
Dibromofluoromethane (Surr)	79		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-VS**

Lab Sample ID: 460-62993-13 Date Sampled: 09/13/2013 0935
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77924.D
Dilution:	1.0			Initial Weight/Volume:	4.703 g
Analysis Date:	09/16/2013 2243			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1443				

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: 460-62993-1

Client Sample ID: **PMP-14SE-VD**

Lab Sample ID: 460-62993-14 Date Sampled: 09/13/2013 0940
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77925.D
Dilution:	1.0			Initial Weight/Volume:	5.108 g
Analysis Date:	09/16/2013 2308			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1444				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.16	U	0.16	1.0
Bromomethane		0.44	U	0.44	1.0
Vinyl chloride		0.34	U	0.34	1.0
Chloroethane		0.33	U	0.33	1.0
Methylene Chloride		0.15	U	0.15	1.0
Acetone		1.7	U	1.7	5.1
Carbon disulfide		0.15	U	0.15	1.0
Trichlorofluoromethane		0.16	U	0.16	1.0
1,1-Dichloroethene		0.19	U	0.19	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
Chloroform		0.24	U	0.24	1.0
2-Butanone		0.64	U	0.64	5.1
1,2-Dichloroethane		0.18	U	0.18	1.0
1,1,1-Trichloroethane		0.13	U	0.13	1.0
Carbon tetrachloride		0.15	U	0.15	1.0
Benzene		0.15	U	0.15	1.0
Bromoform		0.24	J	0.17	1.0
Styrene		0.28	U	0.28	1.0
Ethylbenzene		0.17	U	0.17	1.0
Chlorobenzene		0.18	U	0.18	1.0
Cyclohexane		0.13	U	0.13	1.0
Isopropylbenzene		0.11	U	0.11	1.0
2-Hexanone		0.13	U	0.13	5.1
MTBE		0.11	U	0.11	1.0
Freon TF		0.11	U	0.11	1.0
Methyl acetate		0.32	U	0.32	1.0
1,4-Dioxane		13	U	13	20
Trichloroethene		0.12	U	0.12	1.0
Toluene		0.14	U	0.14	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		0.20	U	0.20	5.1
cis-1,3-Dichloropropene		0.14	U	0.14	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,3-Dichlorobenzene		0.16	U	0.16	1.0
1,4-Dichlorobenzene		0.43	J	0.11	1.0
1,2,4-Trichlorobenzene		0.19	U	0.19	1.0
1,2,3-Trichlorobenzene		0.16	U	0.16	1.0
1,2-Dichloropropane		0.15	U	0.15	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Tetrachloroethene		0.12	U	0.12	1.0
Xylenes, Total		0.68	U	0.68	3.0
1,2-Dibromo-3-Chloropropane		0.45	U	0.45	1.0
1,1,2,2-Tetrachloroethane		0.091	U	0.091	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-VD**

Lab Sample ID: 460-62993-14 Date Sampled: 09/13/2013 0940
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77925.D
Dilution:	1.0			Initial Weight/Volume:	5.108 g
Analysis Date:	09/16/2013 2308			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1444				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 130
Toluene-d8 (Surr)	106		70 - 130
Bromofluorobenzene	97		70 - 130
Dibromofluoromethane (Surr)	99		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-VD**

Lab Sample ID: 460-62993-14 Date Sampled: 09/13/2013 0940
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77925.D
Dilution:	1.0			Initial Weight/Volume:	5.108 g
Analysis Date:	09/16/2013 2308			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1444				

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: 460-62993-1

Client Sample ID: **PMP-14SE-WT**

Lab Sample ID: 460-62993-15 Date Sampled: 09/13/2013 0945
Client Matrix: Solid % Moisture: 3.5 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77926.D
Dilution:	1.0			Initial Weight/Volume:	6.121 g
Analysis Date:	09/16/2013 2333			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1445				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.14	U	0.14	0.85
Bromomethane		0.36	U	0.36	0.85
Vinyl chloride		0.29	U	0.29	0.85
Chloroethane		0.28	U	0.28	0.85
Methylene Chloride		0.13	U	0.13	0.85
Acetone		1.4	U	1.4	4.2
Carbon disulfide		0.13	U	0.13	0.85
Trichlorofluoromethane		0.14	U	0.14	0.85
1,1-Dichloroethene		0.16	U	0.16	0.85
1,1-Dichloroethane		0.093	U	0.093	0.85
trans-1,2-Dichloroethene		0.11	U	0.11	0.85
cis-1,2-Dichloroethene		0.093	U	0.093	0.85
Chloroform		0.20	U	0.20	0.85
2-Butanone		0.53	U	0.53	4.2
1,2-Dichloroethane		0.15	U	0.15	0.85
1,1,1-Trichloroethane		0.11	U	0.11	0.85
Carbon tetrachloride		0.13	U	0.13	0.85
Benzene		0.13	U	0.13	0.85
Bromoform		0.14	U	0.14	0.85
Styrene		0.24	U	0.24	0.85
Ethylbenzene		0.14	U	0.14	0.85
Chlorobenzene		0.15	U	0.15	0.85
Cyclohexane		0.11	U	0.11	0.85
Isopropylbenzene		0.093	U	0.093	0.85
2-Hexanone		0.11	U	0.11	4.2
MTBE		0.093	U	0.093	0.85
Freon TF		0.093	U	0.093	0.85
Methyl acetate		0.27	U	0.27	0.85
1,4-Dioxane		11	U	11	17
Trichloroethene		0.10	U	0.10	0.85
Toluene		0.12	U	0.12	0.85
trans-1,3-Dichloropropene		0.085	U	0.085	0.85
4-Methyl-2-pentanone		0.17	U	0.17	4.2
cis-1,3-Dichloropropene		0.12	U	0.12	0.85
1,2-Dichlorobenzene		0.085	U	0.085	0.85
1,3-Dichlorobenzene		0.14	U	0.14	0.85
1,4-Dichlorobenzene		0.51	J	0.093	0.85
1,2,4-Trichlorobenzene		0.16	U	0.16	0.85
1,2,3-Trichlorobenzene		0.14	U	0.14	0.85
1,2-Dichloropropane		0.13	U	0.13	0.85
Methylcyclohexane		0.085	U	0.085	0.85
Tetrachloroethene		0.10	U	0.10	0.85
Xylenes, Total		0.57	U	0.57	2.5
1,2-Dibromo-3-Chloropropane		0.37	U	0.37	0.85
1,1,2,2-Tetrachloroethane		0.076	U	0.076	0.85
1,1,2-Trichloroethane		0.12	U	0.12	0.85

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-WT**

Lab Sample ID: 460-62993-15 Date Sampled: 09/13/2013 0945
Client Matrix: Solid % Moisture: 3.5 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77926.D
Dilution:	1.0			Initial Weight/Volume:	6.121 g
Analysis Date:	09/16/2013 2333			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1445				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.085	U	0.085	0.85
1,2-Dibromoethane		0.13	U	0.13	0.85
Dichlorodifluoromethane		0.19	U	0.19	0.85
Bromochloromethane		0.093	U	0.093	0.85
Bromodichloromethane		0.27	U	0.27	0.85

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		70 - 130
Toluene-d8 (Surr)	109		70 - 130
Bromofluorobenzene	100		70 - 130
Dibromofluoromethane (Surr)	101		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-WT**

Lab Sample ID: 460-62993-15 Date Sampled: 09/13/2013 0945
Client Matrix: Solid % Moisture: 3.5 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77926.D
Dilution:	1.0			Initial Weight/Volume:	6.121 g
Analysis Date:	09/16/2013 2333			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1445				

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: 460-62993-1

Client Sample ID: **PMP-25SE-VS**

Lab Sample ID: 460-62993-16 Date Sampled: 09/13/2013 0950
Client Matrix: Solid % Moisture: 5.3 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77927.D
Dilution:	1.0			Initial Weight/Volume:	5.646 g
Analysis Date:	09/16/2013 2358			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1445				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.94
Bromomethane		0.40	U	0.40	0.94
Vinyl chloride		0.32	U	0.32	0.94
Chloroethane		0.31	U	0.31	0.94
Methylene Chloride		0.14	U	0.14	0.94
Acetone		1.6	U	1.6	4.7
Carbon disulfide		0.14	U	0.14	0.94
Trichlorofluoromethane		0.15	U	0.15	0.94
1,1-Dichloroethene		0.18	U	0.18	0.94
1,1-Dichloroethane		0.10	U	0.10	0.94
trans-1,2-Dichloroethene		0.12	U	0.12	0.94
cis-1,2-Dichloroethene		0.10	U	0.10	0.94
Chloroform		0.22	U	0.22	0.94
2-Butanone		0.59	U	0.59	4.7
1,2-Dichloroethane		0.17	U	0.17	0.94
1,1,1-Trichloroethane		0.12	U	0.12	0.94
Carbon tetrachloride		0.14	U	0.14	0.94
Benzene		0.14	U	0.14	0.94
Bromoform		0.16	U	0.16	0.94
Styrene		0.26	U	0.26	0.94
Ethylbenzene		0.16	U	0.16	0.94
Chlorobenzene		0.17	U	0.17	0.94
Cyclohexane		0.12	U	0.12	0.94
Isopropylbenzene		0.10	U	0.10	0.94
2-Hexanone		0.12	U	0.12	4.7
MTBE		0.10	U	0.10	0.94
Freon TF		0.10	U	0.10	0.94
Methyl acetate		0.30	U	0.30	0.94
1,4-Dioxane		12	U	12	19
Trichloroethene		0.11	U	0.11	0.94
Toluene		0.13	U	0.13	0.94
trans-1,3-Dichloropropene		0.094	U	0.094	0.94
4-Methyl-2-pentanone		0.19	U	0.19	4.7
cis-1,3-Dichloropropene		0.13	U	0.13	0.94
1,2-Dichlorobenzene		0.094	U	0.094	0.94
1,3-Dichlorobenzene		0.15	U	0.15	0.94
1,4-Dichlorobenzene		0.10	U	0.10	0.94
1,2,4-Trichlorobenzene		0.18	U	0.18	0.94
1,2,3-Trichlorobenzene		0.15	U	0.15	0.94
1,2-Dichloropropane		0.14	U	0.14	0.94
Methylcyclohexane		0.094	U	0.094	0.94
Tetrachloroethene		0.11	U	0.11	0.94
Xylenes, Total		0.63	U	0.63	2.8
1,2-Dibromo-3-Chloropropane		0.41	U	0.41	0.94
1,1,2,2-Tetrachloroethane		0.084	U	0.084	0.94
1,1,2-Trichloroethane		0.13	U	0.13	0.94

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-VS**

Lab Sample ID: 460-62993-16 Date Sampled: 09/13/2013 0950
Client Matrix: Solid % Moisture: 5.3 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77927.D
Dilution:	1.0			Initial Weight/Volume:	5.646 g
Analysis Date:	09/16/2013 2358			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1445				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 130
Toluene-d8 (Surr)	109		70 - 130
Bromofluorobenzene	99		70 - 130
Dibromofluoromethane (Surr)	99		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-VS**

Lab Sample ID: 460-62993-16 Date Sampled: 09/13/2013 0950
Client Matrix: Solid % Moisture: 5.3 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77927.D
Dilution:	1.0			Initial Weight/Volume:	5.646 g
Analysis Date:	09/16/2013 2358			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1445				

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: 460-62993-1

Client Sample ID: **PMP-25SE-VD**

Lab Sample ID: 460-62993-17 Date Sampled: 09/13/2013 0955
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77928.D
Dilution:	1.0			Initial Weight/Volume:	2.154 g
Analysis Date:	09/17/2013 0023			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1446				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.39	U	0.39	2.4
Bromomethane		1.0	U	1.0	2.4
Vinyl chloride		0.83	U	0.83	2.4
Chloroethane		0.80	U	0.80	2.4
Methylene Chloride		0.37	U	0.37	2.4
Acetone		5.1	J B	4.1	12
Carbon disulfide		0.37	U	0.37	2.4
Trichlorofluoromethane		0.39	U	0.39	2.4
1,1-Dichloroethene		0.46	U	0.46	2.4
1,1-Dichloroethane		0.27	U	0.27	2.4
trans-1,2-Dichloroethene		0.32	U	0.32	2.4
cis-1,2-Dichloroethene		0.27	U	0.27	2.4
Chloroform		0.58	U	0.58	2.4
2-Butanone		1.5	U	1.5	12
1,2-Dichloroethane		0.44	U	0.44	2.4
1,1,1-Trichloroethane		0.32	U	0.32	2.4
Carbon tetrachloride		0.37	U	0.37	2.4
Benzene		0.37	U	0.37	2.4
Bromoform		0.41	U	0.41	2.4
Styrene		0.68	U	0.68	2.4
Ethylbenzene		0.41	U	0.41	2.4
Chlorobenzene		0.44	U	0.44	2.4
Cyclohexane		0.32	U	0.32	2.4
Isopropylbenzene		0.27	U	0.27	2.4
2-Hexanone		0.32	U	0.32	12
MTBE		0.27	U	0.27	2.4
Freon TF		0.27	U	0.27	2.4
Methyl acetate		0.78	U	0.78	2.4
1,4-Dioxane		31	U	31	49
Trichloroethene		0.29	U	0.29	2.4
Toluene		0.34	U	0.34	2.4
trans-1,3-Dichloropropene		0.24	U	0.24	2.4
4-Methyl-2-pentanone		0.49	U	0.49	12
cis-1,3-Dichloropropene		0.34	U	0.34	2.4
1,2-Dichlorobenzene		0.24	U	0.24	2.4
1,3-Dichlorobenzene		0.39	U	0.39	2.4
1,4-Dichlorobenzene		2.2	J	0.27	2.4
1,2,4-Trichlorobenzene		0.46	U	0.46	2.4
1,2,3-Trichlorobenzene		0.39	U	0.39	2.4
1,2-Dichloropropane		0.37	U	0.37	2.4
Methylcyclohexane		0.24	U	0.24	2.4
Tetrachloroethene		0.29	U	0.29	2.4
Xylenes, Total		1.6	U	1.6	7.3
1,2-Dibromo-3-Chloropropane		1.1	U	1.1	2.4
1,1,2,2-Tetrachloroethane		0.22	U	0.22	2.4
1,1,2-Trichloroethane		0.34	U	0.34	2.4

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-VD**

Lab Sample ID: 460-62993-17 Date Sampled: 09/13/2013 0955
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77928.D
Dilution:	1.0			Initial Weight/Volume:	2.154 g
Analysis Date:	09/17/2013 0023			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1446				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.24	U	0.24	2.4
1,2-Dibromoethane		0.37	U	0.37	2.4
Dichlorodifluoromethane		0.54	U	0.54	2.4
Bromochloromethane		0.27	U	0.27	2.4
Bromodichloromethane		0.78	U	0.78	2.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 130
Toluene-d8 (Surr)	107		70 - 130
Bromofluorobenzene	99		70 - 130
Dibromofluoromethane (Surr)	98		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-VD**

Lab Sample ID: 460-62993-17 Date Sampled: 09/13/2013 0955
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77928.D
Dilution:	1.0			Initial Weight/Volume:	2.154 g
Analysis Date:	09/17/2013 0023			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1446				

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: 460-62993-1

Client Sample ID: **PMP-25SE-WT**

Lab Sample ID: 460-62993-18 Date Sampled: 09/13/2013 1000
Client Matrix: Solid % Moisture: 12.4 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77929.D
Dilution:	1.0			Initial Weight/Volume:	5.695 g
Analysis Date:	09/17/2013 0049			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1447				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.16	U	0.16	1.0
Bromomethane		0.43	U	0.43	1.0
Vinyl chloride		0.34	U	0.34	1.0
Chloroethane		0.33	U	0.33	1.0
Methylene Chloride		0.15	U	0.15	1.0
Acetone		1.7	U	1.7	5.0
Carbon disulfide		0.15	U	0.15	1.0
Trichlorofluoromethane		0.16	U	0.16	1.0
1,1-Dichloroethene		0.19	U	0.19	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
Chloroform		0.24	U	0.24	1.0
2-Butanone		0.63	U	0.63	5.0
1,2-Dichloroethane		0.18	U	0.18	1.0
1,1,1-Trichloroethane		0.13	U	0.13	1.0
Carbon tetrachloride		0.15	U	0.15	1.0
Benzene		0.15	U	0.15	1.0
Bromoform		0.17	U	0.17	1.0
Styrene		0.28	U	0.28	1.0
Ethylbenzene		0.17	U	0.17	1.0
Chlorobenzene		0.18	U	0.18	1.0
Cyclohexane		0.13	U	0.13	1.0
Isopropylbenzene		0.11	U	0.11	1.0
2-Hexanone		0.13	U	0.13	5.0
MTBE		0.11	U	0.11	1.0
Freon TF		0.11	U	0.11	1.0
Methyl acetate		0.32	U	0.32	1.0
1,4-Dioxane		13	U	13	20
Trichloroethene		0.12	U	0.12	1.0
Toluene		0.14	U	0.14	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		0.20	U	0.20	5.0
cis-1,3-Dichloropropene		0.14	U	0.14	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,3-Dichlorobenzene		0.16	U	0.16	1.0
1,4-Dichlorobenzene		0.72	J	0.11	1.0
1,2,4-Trichlorobenzene		0.19	U	0.19	1.0
1,2,3-Trichlorobenzene		0.16	U	0.16	1.0
1,2-Dichloropropane		0.15	U	0.15	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Tetrachloroethene		0.12	U	0.12	1.0
Xylenes, Total		0.67	U	0.67	3.0
1,2-Dibromo-3-Chloropropane		0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane		0.090	U	0.090	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-WT**

Lab Sample ID: 460-62993-18 Date Sampled: 09/13/2013 1000
Client Matrix: Solid % Moisture: 12.4 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77929.D
Dilution:	1.0			Initial Weight/Volume:	5.695 g
Analysis Date:	09/17/2013 0049			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1447				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 130
Toluene-d8 (Surr)	106		70 - 130
Bromofluorobenzene	98		70 - 130
Dibromofluoromethane (Surr)	98		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-WT**

Lab Sample ID: 460-62993-18 Date Sampled: 09/13/2013 1000
Client Matrix: Solid % Moisture: 12.4 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77929.D
Dilution:	1.0			Initial Weight/Volume:	5.695 g
Analysis Date:	09/17/2013 0049			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1447				

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: 460-62993-1

Client Sample ID: **PMP-7SE-VD**

Lab Sample ID: 460-62993-19 Date Sampled: 09/13/2013 1010
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60691.D
Dilution:	50			Initial Weight/Volume:	2.956 g
Analysis Date:	09/19/2013 2107			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1415				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		17	U	17	180
Bromomethane		32	U	32	180
Vinyl chloride		26	U	26	180
Chloroethane		30	U	30	180
Methylene Chloride		33	U	33	180
Acetone		480	U	480	900
Carbon disulfide		22	U	22	180
Trichlorofluoromethane		26	U	26	180
1,1-Dichloroethene		16	U	16	180
1,1-Dichloroethane		23	U	23	180
trans-1,2-Dichloroethene		23	U	23	180
cis-1,2-Dichloroethene		32	U	32	180
Chloroform		79	J	14	180
2-Butanone		420	U	420	900
1,2-Dichloroethane		34	U	34	180
1,1,1-Trichloroethane		11	U	11	180
Carbon tetrachloride		10	U	10	180
Benzene		15	U	15	180
Bromoform		34	U	34	180
Styrene		21	U	21	180
Ethylbenzene		17	U	17	180
Chlorobenzene		20	U	20	180
Cyclohexane		28	U	28	180
Isopropylbenzene		14	U	14	180
2-Hexanone		90	U	90	900
MTBE		25	U	25	180
Freon TF		15	U	15	180
Methyl acetate		60	U	60	900
1,4-Dioxane		6400	U	6400	9000
Trichloroethene		21	J	16	180
Toluene		27	U	27	180
trans-1,3-Dichloropropene		43	U	43	180
4-Methyl-2-pentanone		180	U	180	900
cis-1,3-Dichloropropene		33	U	33	180
1,2-Dichlorobenzene		37	U	37	180
1,3-Dichlorobenzene		24	U	24	180
1,4-Dichlorobenzene		42	U	42	180
1,2,4-Trichlorobenzene		6800		61	180
1,2,3-Trichlorobenzene		92	U	92	180
1,2-Dichloropropane		15	U	15	180
Methylcyclohexane		24	U *	24	180
Tetrachloroethene		17	U	17	180
Xylenes, Total		64	U	64	540
1,2-Dibromo-3-Chloropropane		72	U *	72	180
1,1,2,2-Tetrachloroethane		28	U	28	180
1,1,2-Trichloroethane		34	U	34	180

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-VD**

Lab Sample ID: 460-62993-19 Date Sampled: 09/13/2013 1010
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60691.D
Dilution:	50			Initial Weight/Volume:	2.956 g
Analysis Date:	09/19/2013 2107			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1415				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		36	U	36	180
1,2-Dibromoethane		49	U	49	180
Dichlorodifluoromethane		39	U	39	180
Bromochloromethane		49	U	49	180
Bromodichloromethane		22	U	22	180

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	156	X	75 - 135
Toluene-d8 (Surr)	138		59 - 150
Bromofluorobenzene	150	X	72 - 133
Dibromofluoromethane (Surr)	154	X	70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-VD**

Lab Sample ID: 460-62993-19 Date Sampled: 09/13/2013 1010
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60691.D
Dilution:	50			Initial Weight/Volume:	2.956 g
Analysis Date:	09/19/2013 2107			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1415				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
493-02-7	Naphthalene, decahydro-, trans-	11.04	26000	J N
1074-55-1	Benzene, 1-methyl-4-propyl-	11.18	13000	J N
1587-04-8	Benzene, 1-methyl-2-(2-propenyl)-	11.46	16000	J N
	Unknown	11.55	26000	J
2958-75-0	1-Methyldecahydronaphthalene	11.71	31000	J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	11.77	25000	J N
2234-20-0	2,4-Dimethylstyrene	12.03	25000	J N
	Unknown	12.14	34000	J
56253-64-6	Benzene, (2-methyl-1-butenyl)-	12.33	20000	J N
4912-92-9	1H-Indene, 2,3-dihydro-1,1-dimethyl-	12.41	30000	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-WT**

Lab Sample ID: 460-62993-20 Date Sampled: 09/13/2013 1015
Client Matrix: Solid % Moisture: 10.1 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60690.D
Dilution:	50			Initial Weight/Volume:	4.898 g
Analysis Date:	09/19/2013 2045			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1416				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		11	U	11	110
Bromomethane		21	U	21	110
Vinyl chloride		16	U	16	110
Chloroethane		19	U	19	110
Methylene Chloride		21	U	21	110
Acetone		300	U	300	570
Carbon disulfide		14	U	14	110
Trichlorofluoromethane		17	U	17	110
1,1-Dichloroethene		10	U	10	110
1,1-Dichloroethane		15	U	15	110
trans-1,2-Dichloroethene		15	U	15	110
cis-1,2-Dichloroethene		20	U	20	110
Chloroform		8.9	U	8.9	110
2-Butanone		260	U	260	570
1,2-Dichloroethane		21	U	21	110
1,1,1-Trichloroethane		7.1	U	7.1	110
Carbon tetrachloride		6.5	U	6.5	110
Benzene		9.4	U	9.4	110
Bromoform		22	U	22	110
Styrene		13	U	13	110
Ethylbenzene		11	U	11	110
Chlorobenzene		13	U	13	110
Cyclohexane		18	U	18	110
Isopropylbenzene		8.7	U	8.7	110
2-Hexanone		57	U	57	570
MTBE		16	U	16	110
Freon TF		9.3	U	9.3	110
Methyl acetate		38	U	38	570
1,4-Dioxane		4100	U	4100	5700
Trichloroethene		10	U	10	110
Toluene		17	U	17	110
trans-1,3-Dichloropropene		28	U	28	110
4-Methyl-2-pentanone		110	U	110	570
cis-1,3-Dichloropropene		21	U	21	110
1,2-Dichlorobenzene		23	U	23	110
1,3-Dichlorobenzene		15	U	15	110
1,4-Dichlorobenzene		26	U	26	110
1,2,4-Trichlorobenzene		1500		39	110
1,2,3-Trichlorobenzene		450		58	110
1,2-Dichloropropane		9.8	U	9.8	110
Methylcyclohexane		15	U *	15	110
Tetrachloroethene		11	U	11	110
Xylenes, Total		41	U	41	340
1,2-Dibromo-3-Chloropropane		45	U *	45	110
1,1,2,2-Tetrachloroethane		18	U	18	110
1,1,2-Trichloroethane		21	U	21	110

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-WT**

Lab Sample ID: 460-62993-20 Date Sampled: 09/13/2013 1015
Client Matrix: Solid % Moisture: 10.1 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60690.D
Dilution:	50			Initial Weight/Volume:	4.898 g
Analysis Date:	09/19/2013 2045			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1416				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		23	U	23	110
1,2-Dibromoethane		31	U	31	110
Dichlorodifluoromethane		24	U	24	110
Bromochloromethane		31	U	31	110
Bromodichloromethane		14	U	14	110

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		75 - 135
Toluene-d8 (Surr)	83		59 - 150
Bromofluorobenzene	89		72 - 133
Dibromofluoromethane (Surr)	89		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-WT**

Lab Sample ID: 460-62993-20 Date Sampled: 09/13/2013 1015
Client Matrix: Solid % Moisture: 10.1 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60690.D
Dilution:	50			Initial Weight/Volume:	4.898 g
Analysis Date:	09/19/2013 2045			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1416				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
493-02-7	Naphthalene, decahydro-, trans-	11.04	4000	J N
535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-	11.46	3300	J N
1000152-47-3	trans-Decalin, 2-methyl-	11.55	3200	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.77	3400	J N
	Unknown Aromatic	12.03	5700	J
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	12.13	5800	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	12.40	5900	J N
1127-76-0	Naphthalene, 1-ethyl-	14.70	3500	J N
581-42-0	Naphthalene, 2,6-dimethyl-	14.91	3600	J N
581-40-8	Naphthalene, 2,3-dimethyl-	15.13	3400	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-SI**

Lab Sample ID: 460-62993-21 Date Sampled: 09/13/2013 1020
Client Matrix: Solid % Moisture: 15.9 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60705.D
Dilution:	50			Initial Weight/Volume:	6.668 g
Analysis Date:	09/20/2013 0215			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1416				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		8.6	U	8.6	89
Bromomethane		16	U	16	89
Vinyl chloride		13	U	13	89
Chloroethane		15	U	15	89
Methylene Chloride		16	U	16	89
Acetone		240	U	240	450
Carbon disulfide		11	U	11	89
Trichlorofluoromethane		13	U	13	89
1,1-Dichloroethene		7.9	U	7.9	89
1,1-Dichloroethane		12	U	12	89
trans-1,2-Dichloroethene		11	U	11	89
cis-1,2-Dichloroethene		16	U	16	89
Chloroform		7.0	U	7.0	89
2-Butanone		210	U	210	450
1,2-Dichloroethane		17	U	17	89
1,1,1-Trichloroethane		5.5	U	5.5	89
Carbon tetrachloride		5.1	U	5.1	89
Benzene		7.4	U	7.4	89
Bromoform		17	U	17	89
Styrene		11	U	11	89
Ethylbenzene		90		8.5	89
Chlorobenzene		9.8	U	9.8	89
Cyclohexane		14	U	14	89
Isopropylbenzene		430		6.8	89
2-Hexanone		45	U	45	450
MTBE		12	U	12	89
Freon TF		7.3	U	7.3	89
Methyl acetate		30	U	30	450
1,4-Dioxane		3200	U	3200	4500
Trichloroethene		8.2	U	8.2	89
Toluene		13	U	13	89
trans-1,3-Dichloropropene		22	U	22	89
4-Methyl-2-pentanone		88	U	88	450
cis-1,3-Dichloropropene		16	U	16	89
1,2-Dichlorobenzene		18	U	18	89
1,3-Dichlorobenzene		12	U	12	89
1,4-Dichlorobenzene		21	U	21	89
1,2,4-Trichlorobenzene		31	U	31	89
1,2,3-Trichlorobenzene		46	U	46	89
1,2-Dichloropropane		7.7	U	7.7	89
Methylcyclohexane		1000		12	89
Tetrachloroethene		27	J	8.7	89
Xylenes, Total		970		32	270
1,2-Dibromo-3-Chloropropane		36	U	36	89
1,1,2,2-Tetrachloroethane		14	U	14	89
1,1,2-Trichloroethane		17	U	17	89

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-SI**

Lab Sample ID: 460-62993-21 Date Sampled: 09/13/2013 1020
Client Matrix: Solid % Moisture: 15.9 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60705.D
Dilution:	50			Initial Weight/Volume:	6.668 g
Analysis Date:	09/20/2013 0215			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1416				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		18	U	18	89
1,2-Dibromoethane		25	U	25	89
Dichlorodifluoromethane		19	U	19	89
Bromochloromethane		24	U	24	89
Bromodichloromethane		11	U	11	89

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		75 - 135
Toluene-d8 (Surr)	81		59 - 150
Bromofluorobenzene	87		72 - 133
Dibromofluoromethane (Surr)	86		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-SI**

Lab Sample ID: 460-62993-21 Date Sampled: 09/13/2013 1020
Client Matrix: Solid % Moisture: 15.9 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60705.D
Dilution:	50			Initial Weight/Volume:	6.668 g
Analysis Date:	09/20/2013 0215			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1416				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
124-18-5	Decane	10.15	30000	J N
611-14-3	Benzene, 1-ethyl-2-methyl-	10.39	18000	J N
1120-21-4	Undecane	11.10	21000	J N
535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-	11.30	18000	J N
768-49-0	Benzene, (2-methyl-1-propenyl)-	11.46	21000	J N
112-40-3	Dodecane	11.92	25000	J N
2049-95-8	Benzene, (1,1-dimethylpropyl)-	12.03	35000	J N
1559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-methyl	12.33	20000	J N
20836-11-7	1H-Indene,2,3-dihydro-2,2-dimethyl-	12.41	32000	J N
1559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-methyl	12.71	22000	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-VD**

Lab Sample ID: 460-62993-22 Date Sampled: 09/13/2013 1045
Client Matrix: Solid % Moisture: 4.2 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77930.D
Dilution:	1.0			Initial Weight/Volume:	5.953 g
Analysis Date:	09/17/2013 0114			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1450				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.14	U	0.14	0.88
Bromomethane		0.38	U	0.38	0.88
Vinyl chloride		0.30	U	0.30	0.88
Chloroethane		0.29	U	0.29	0.88
Methylene Chloride		0.13	U	0.13	0.88
Acetone		7.1	B	1.5	4.4
Carbon disulfide		0.13	U	0.13	0.88
Trichlorofluoromethane		0.14	U	0.14	0.88
1,1-Dichloroethene		0.17	U	0.17	0.88
1,1-Dichloroethane		0.096	U	0.096	0.88
trans-1,2-Dichloroethene		0.11	U	0.11	0.88
cis-1,2-Dichloroethene		0.096	U	0.096	0.88
Chloroform		0.21	U	0.21	0.88
2-Butanone		0.55	U	0.55	4.4
1,2-Dichloroethane		0.16	U	0.16	0.88
1,1,1-Trichloroethane		0.11	U	0.11	0.88
Carbon tetrachloride		0.13	U	0.13	0.88
Benzene		0.13	U	0.13	0.88
Bromoform		0.15	U	0.15	0.88
Styrene		0.25	U	0.25	0.88
Ethylbenzene		0.15	U	0.15	0.88
Chlorobenzene		0.16	U	0.16	0.88
Cyclohexane		0.11	U	0.11	0.88
Isopropylbenzene		0.096	U	0.096	0.88
2-Hexanone		0.11	U	0.11	4.4
MTBE		0.096	U	0.096	0.88
Freon TF		0.096	U	0.096	0.88
Methyl acetate		0.28	U	0.28	0.88
1,4-Dioxane		11	U	11	18
Trichloroethene		0.11	U	0.11	0.88
Toluene		0.12	U	0.12	0.88
trans-1,3-Dichloropropene		0.088	U	0.088	0.88
4-Methyl-2-pentanone		0.18	U	0.18	4.4
cis-1,3-Dichloropropene		0.12	U	0.12	0.88
1,2-Dichlorobenzene		0.088	U	0.088	0.88
1,3-Dichlorobenzene		0.14	U	0.14	0.88
1,4-Dichlorobenzene		0.42	J	0.096	0.88
1,2,4-Trichlorobenzene		0.48	J	0.17	0.88
1,2,3-Trichlorobenzene		0.44	J	0.14	0.88
1,2-Dichloropropane		0.13	U	0.13	0.88
Methylcyclohexane		0.088	U	0.088	0.88
Tetrachloroethene		0.11	U	0.11	0.88
Xylenes, Total		0.59	U	0.59	2.6
1,2-Dibromo-3-Chloropropane		0.39	U	0.39	0.88
1,1,2,2-Tetrachloroethane		0.079	U	0.079	0.88
1,1,2-Trichloroethane		0.12	U	0.12	0.88

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-VD**

Lab Sample ID: 460-62993-22 Date Sampled: 09/13/2013 1045
Client Matrix: Solid % Moisture: 4.2 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77930.D
Dilution:	1.0			Initial Weight/Volume:	5.953 g
Analysis Date:	09/17/2013 0114			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1450				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 130
Toluene-d8 (Surr)	110		70 - 130
Bromofluorobenzene	99		70 - 130
Dibromofluoromethane (Surr)	102		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-VD**

Lab Sample ID: 460-62993-22 Date Sampled: 09/13/2013 1045
Client Matrix: Solid % Moisture: 4.2 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77930.D
Dilution:	1.0			Initial Weight/Volume:	5.953 g
Analysis Date:	09/17/2013 0114			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1450				

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: 460-62993-1

Client Sample ID: **PMP-10SE-WT**

Lab Sample ID: 460-62993-23 Date Sampled: 09/13/2013 1050
Client Matrix: Solid % Moisture: 11.8 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77933.D
Dilution:	1.0			Initial Weight/Volume:	6.068 g
Analysis Date:	09/17/2013 0229			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1451				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.93
Bromomethane		0.40	U	0.40	0.93
Vinyl chloride		0.32	U	0.32	0.93
Chloroethane		0.31	U	0.31	0.93
Methylene Chloride		0.14	U	0.14	0.93
Acetone		58	B	1.6	4.7
Carbon disulfide		0.14	U	0.14	0.93
Trichlorofluoromethane		0.15	U	0.15	0.93
1,1-Dichloroethene		0.18	U	0.18	0.93
1,1-Dichloroethane		0.10	U	0.10	0.93
trans-1,2-Dichloroethene		0.12	U	0.12	0.93
cis-1,2-Dichloroethene		0.10	U	0.10	0.93
Chloroform		14		0.22	0.93
2-Butanone		5.8		0.59	4.7
1,2-Dichloroethane		0.17	U	0.17	0.93
1,1,1-Trichloroethane		0.12	U	0.12	0.93
Carbon tetrachloride		0.14	U	0.14	0.93
Benzene		0.14	U	0.14	0.93
Bromoform		0.16	U	0.16	0.93
Styrene		0.26	U	0.26	0.93
Ethylbenzene		0.16	U	0.16	0.93
Chlorobenzene		0.17	U	0.17	0.93
Cyclohexane		0.12	U	0.12	0.93
Isopropylbenzene		0.10	U	0.10	0.93
2-Hexanone		0.12	U	0.12	4.7
MTBE		0.10	U	0.10	0.93
Freon TF		0.10	U	0.10	0.93
Methyl acetate		0.30	U	0.30	0.93
1,4-Dioxane		12	U	12	19
Trichloroethene		0.11	U	0.11	0.93
Toluene		0.13	U	0.13	0.93
trans-1,3-Dichloropropene		0.093	U	0.093	0.93
4-Methyl-2-pentanone		0.19	U	0.19	4.7
cis-1,3-Dichloropropene		0.13	U	0.13	0.93
1,2-Dichlorobenzene		0.093	U	0.093	0.93
1,3-Dichlorobenzene		0.15	U	0.15	0.93
1,4-Dichlorobenzene		0.55	J	0.10	0.93
1,2,4-Trichlorobenzene		31		0.18	0.93
1,2,3-Trichlorobenzene		18		0.15	0.93
1,2-Dichloropropane		0.14	U	0.14	0.93
Methylcyclohexane		0.093	U	0.093	0.93
Tetrachloroethene		10		0.11	0.93
Xylenes, Total		7.7		0.63	2.8
1,2-Dibromo-3-Chloropropane		0.41	U	0.41	0.93
1,1,2,2-Tetrachloroethane		0.084	U	0.084	0.93
1,1,2-Trichloroethane		0.13	U	0.13	0.93

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-WT**

Lab Sample ID: 460-62993-23 Date Sampled: 09/13/2013 1050
Client Matrix: Solid % Moisture: 11.8 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77933.D
Dilution:	1.0			Initial Weight/Volume:	6.068 g
Analysis Date:	09/17/2013 0229			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1451				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.093	U	0.093	0.93
1,2-Dibromoethane		0.14	U	0.14	0.93
Dichlorodifluoromethane		0.21	U	0.21	0.93
Bromochloromethane		0.10	U	0.10	0.93
Bromodichloromethane		0.30	U	0.30	0.93

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 130
Toluene-d8 (Surr)	109		70 - 130
Bromofluorobenzene	93		70 - 130
Dibromofluoromethane (Surr)	103		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-WT**

Lab Sample ID: 460-62993-23 Date Sampled: 09/13/2013 1050
Client Matrix: Solid % Moisture: 11.8 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77933.D
Dilution:	1.0			Initial Weight/Volume:	6.068 g
Analysis Date:	09/17/2013 0229			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1451				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
540-84-1	Pentane, 2,2,4-trimethyl-	3.51	2700	J N
565-75-3	Pentane, 2,3,4-trimethyl-	4.69	3200	J N
560-21-4	Pentane, 2,3,3-trimethyl-	4.81	2300	J N
16747-26-5	Hexane, 2,2,4-trimethyl-	5.29	1100	J N
55282-34-3	Cyclohexane, 1,3,5-trimethyl-2-octadecyl	11.71	350	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	12.46	470	J N
17312-72-0	4,4-Dipropylheptane	12.89	340	J N
1000111-72-3	cis,trans-1,6-Dimethylspiro[4.5]decane	13.04	360	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	13.41	290	J N
	Unknown	13.48	300	J

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-SI**

Lab Sample ID: 460-62993-24 Date Sampled: 09/13/2013 1055
Client Matrix: Solid % Moisture: 14.5 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77931.D
Dilution:	1.0			Initial Weight/Volume:	6.132 g
Analysis Date:	09/17/2013 0139			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1452				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.95
Bromomethane		0.41	U	0.41	0.95
Vinyl chloride		0.32	U	0.32	0.95
Chloroethane		0.31	U	0.31	0.95
Methylene Chloride		0.14	U	0.14	0.95
Acetone		3.1	J B	1.6	4.8
Carbon disulfide		0.14	J	0.14	0.95
Trichlorofluoromethane		0.15	U	0.15	0.95
1,1-Dichloroethene		0.18	U	0.18	0.95
1,1-Dichloroethane		0.10	U	0.10	0.95
trans-1,2-Dichloroethene		0.12	U	0.12	0.95
cis-1,2-Dichloroethene		0.10	U	0.10	0.95
Chloroform		1.7		0.23	0.95
2-Butanone		0.60	U	0.60	4.8
1,2-Dichloroethane		0.17	U	0.17	0.95
1,1,1-Trichloroethane		0.12	U	0.12	0.95
Carbon tetrachloride		0.14	U	0.14	0.95
Benzene		0.14	U	0.14	0.95
Bromoform		0.41	J	0.16	0.95
Styrene		0.27	U	0.27	0.95
Ethylbenzene		0.16	U	0.16	0.95
Chlorobenzene		0.17	U	0.17	0.95
Cyclohexane		0.12	U	0.12	0.95
Isopropylbenzene		0.10	U	0.10	0.95
2-Hexanone		0.12	U	0.12	4.8
MTBE		0.10	U	0.10	0.95
Freon TF		0.10	U	0.10	0.95
Methyl acetate		0.31	U	0.31	0.95
1,4-Dioxane		12	U	12	19
Trichloroethene		0.11	U	0.11	0.95
Toluene		0.13	U	0.13	0.95
trans-1,3-Dichloropropene		0.095	U	0.095	0.95
4-Methyl-2-pentanone		0.19	U	0.19	4.8
cis-1,3-Dichloropropene		0.13	U	0.13	0.95
1,2-Dichlorobenzene		0.095	U	0.095	0.95
1,3-Dichlorobenzene		0.15	U	0.15	0.95
1,4-Dichlorobenzene		0.77	J	0.10	0.95
1,2,4-Trichlorobenzene		0.18	U	0.18	0.95
1,2,3-Trichlorobenzene		0.15	U	0.15	0.95
1,2-Dichloropropane		0.14	U	0.14	0.95
Methylcyclohexane		0.095	U	0.095	0.95
Tetrachloroethene		0.11	U	0.11	0.95
Xylenes, Total		0.64	U	0.64	2.9
1,2-Dibromo-3-Chloropropane		0.42	U	0.42	0.95
1,1,2,2-Tetrachloroethane		0.086	U	0.086	0.95
1,1,2-Trichloroethane		0.13	U	0.13	0.95

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-SI**

Lab Sample ID: 460-62993-24 Date Sampled: 09/13/2013 1055
Client Matrix: Solid % Moisture: 14.5 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77931.D
Dilution:	1.0			Initial Weight/Volume:	6.132 g
Analysis Date:	09/17/2013 0139			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1452				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.25	J	0.095	0.95
1,2-Dibromoethane		0.14	U	0.14	0.95
Dichlorodifluoromethane		0.21	U	0.21	0.95
Bromochloromethane		0.10	U	0.10	0.95
Bromodichloromethane		0.31	U	0.31	0.95

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
Toluene-d8 (Surr)	107		70 - 130
Bromofluorobenzene	98		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-SI**

Lab Sample ID: 460-62993-24 Date Sampled: 09/13/2013 1055
Client Matrix: Solid % Moisture: 14.5 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77931.D
Dilution:	1.0			Initial Weight/Volume:	6.132 g
Analysis Date:	09/17/2013 0139			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1452				

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: 460-62993-1

Client Sample ID: **PMP-10SE-SD**

Lab Sample ID: 460-62993-25 Date Sampled: 09/13/2013 1100
Client Matrix: Solid % Moisture: 18.5 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77949.D
Dilution:	1.0			Initial Weight/Volume:	5.919 g
Analysis Date:	09/17/2013 1008			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1453				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.17	U	0.17	1.0
Bromomethane		0.45	U	0.45	1.0
Vinyl chloride		0.35	U	0.35	1.0
Chloroethane		0.34	U	0.34	1.0
Methylene Chloride		0.16	U	0.16	1.0
Acetone		2.6	J B	1.8	5.2
Carbon disulfide		0.16	U	0.16	1.0
Trichlorofluoromethane		0.17	U	0.17	1.0
1,1-Dichloroethene		0.20	U	0.20	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
Chloroform		0.30	J	0.25	1.0
2-Butanone		0.65	U	0.65	5.2
1,2-Dichloroethane		0.19	U	0.19	1.0
1,1,1-Trichloroethane		0.13	U	0.13	1.0
Carbon tetrachloride		0.16	U	0.16	1.0
Benzene		0.16	U	0.16	1.0
Bromoform		0.18	U	0.18	1.0
Styrene		0.29	U	0.29	1.0
Ethylbenzene		0.18	U	0.18	1.0
Chlorobenzene		0.19	U	0.19	1.0
Cyclohexane		0.13	U	0.13	1.0
Isopropylbenzene		0.11	U	0.11	1.0
2-Hexanone		0.13	U	0.13	5.2
MTBE		0.17	J	0.11	1.0
Freon TF		0.11	U	0.11	1.0
Methyl acetate		0.33	U	0.33	1.0
1,4-Dioxane		13	U	13	21
Trichloroethene		0.12	U	0.12	1.0
Toluene		0.15	U	0.15	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		0.21	U	0.21	5.2
cis-1,3-Dichloropropene		0.15	U	0.15	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,3-Dichlorobenzene		0.17	U	0.17	1.0
1,4-Dichlorobenzene		0.67	J	0.11	1.0
1,2,4-Trichlorobenzene		0.20	U	0.20	1.0
1,2,3-Trichlorobenzene		0.17	U	0.17	1.0
1,2-Dichloropropane		0.16	U	0.16	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Tetrachloroethene		0.12	U	0.12	1.0
Xylenes, Total		0.69	U	0.69	3.1
1,2-Dibromo-3-Chloropropane		0.46	U *	0.46	1.0
1,1,2,2-Tetrachloroethane		0.093	U	0.093	1.0
1,1,2-Trichloroethane		0.15	U	0.15	1.0

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-SD**

Lab Sample ID: 460-62993-25 Date Sampled: 09/13/2013 1100
Client Matrix: Solid % Moisture: 18.5 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77949.D
Dilution:	1.0			Initial Weight/Volume:	5.919 g
Analysis Date:	09/17/2013 1008			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1453				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
Toluene-d8 (Surr)	106		70 - 130
Bromofluorobenzene	97		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-SD**

Lab Sample ID: 460-62993-25 Date Sampled: 09/13/2013 1100
Client Matrix: Solid % Moisture: 18.5 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77949.D
Dilution:	1.0			Initial Weight/Volume:	5.919 g
Analysis Date:	09/17/2013 1008			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1453				

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: 460-62993-1

Client Sample ID: **PMP-13SE-VD**

Lab Sample ID: 460-62993-26 Date Sampled: 09/13/2013 1110
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77932.D
Dilution:	1.0			Initial Weight/Volume:	6.195 g
Analysis Date:	09/17/2013 0204			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1454				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.14	U	0.14	0.86
Bromomethane		0.37	U	0.37	0.86
Vinyl chloride		0.29	U	0.29	0.86
Chloroethane		0.28	U	0.28	0.86
Methylene Chloride		0.13	U	0.13	0.86
Acetone		11	B	1.4	4.3
Carbon disulfide		0.13	U	0.13	0.86
Trichlorofluoromethane		0.14	U	0.14	0.86
1,1-Dichloroethene		0.16	U	0.16	0.86
1,1-Dichloroethane		0.094	U	0.094	0.86
trans-1,2-Dichloroethene		0.11	U	0.11	0.86
cis-1,2-Dichloroethene		0.094	U	0.094	0.86
Chloroform		0.21	U	0.21	0.86
2-Butanone		0.54	U	0.54	4.3
1,2-Dichloroethane		0.15	U	0.15	0.86
1,1,1-Trichloroethane		0.11	U	0.11	0.86
Carbon tetrachloride		0.13	U	0.13	0.86
Benzene		0.13	U	0.13	0.86
Bromoform		0.15	U	0.15	0.86
Styrene		0.24	U	0.24	0.86
Ethylbenzene		0.15	U	0.15	0.86
Chlorobenzene		0.15	U	0.15	0.86
Cyclohexane		0.11	U	0.11	0.86
Isopropylbenzene		0.094	U	0.094	0.86
2-Hexanone		0.11	U	0.11	4.3
MTBE		0.094	U	0.094	0.86
Freon TF		0.094	U	0.094	0.86
Methyl acetate		0.27	U	0.27	0.86
1,4-Dioxane		11	U	11	17
Trichloroethene		0.10	U	0.10	0.86
Toluene		0.12	U	0.12	0.86
trans-1,3-Dichloropropene		0.086	U	0.086	0.86
4-Methyl-2-pentanone		0.17	U	0.17	4.3
cis-1,3-Dichloropropene		0.12	U	0.12	0.86
1,2-Dichlorobenzene		0.086	U	0.086	0.86
1,3-Dichlorobenzene		0.14	U	0.14	0.86
1,4-Dichlorobenzene		0.48	J	0.094	0.86
1,2,4-Trichlorobenzene		0.34	J	0.16	0.86
1,2,3-Trichlorobenzene		0.14	U	0.14	0.86
1,2-Dichloropropane		0.13	U	0.13	0.86
Methylcyclohexane		0.086	U	0.086	0.86
Tetrachloroethene		0.10	U	0.10	0.86
Xylenes, Total		0.57	U	0.57	2.6
1,2-Dibromo-3-Chloropropane		0.38	U	0.38	0.86
1,1,2,2-Tetrachloroethane		0.077	U	0.077	0.86
1,1,2-Trichloroethane		0.12	U	0.12	0.86

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-VD**

Lab Sample ID: 460-62993-26 Date Sampled: 09/13/2013 1110
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77932.D
Dilution:	1.0			Initial Weight/Volume:	6.195 g
Analysis Date:	09/17/2013 0204			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1454				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.086	U	0.086	0.86
1,2-Dibromoethane		0.13	U	0.13	0.86
Dichlorodifluoromethane		0.19	U	0.19	0.86
Bromochloromethane		0.094	U	0.094	0.86
Bromodichloromethane		0.27	U	0.27	0.86

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125		70 - 130
Toluene-d8 (Surr)	108		70 - 130
Bromofluorobenzene	104		70 - 130
Dibromofluoromethane (Surr)	108		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-VD**

Lab Sample ID: 460-62993-26 Date Sampled: 09/13/2013 1110
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77932.D
Dilution:	1.0			Initial Weight/Volume:	6.195 g
Analysis Date:	09/17/2013 0204			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1454				

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: 460-62993-1

Client Sample ID: **PMP-13SE-WT**

Lab Sample ID: 460-62993-27 Date Sampled: 09/13/2013 1115
Client Matrix: Solid % Moisture: 12.6 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77950.D
Dilution:	1.0			Initial Weight/Volume:	5.466 g
Analysis Date:	09/17/2013 1033			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1454				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.17	U	0.17	1.0
Bromomethane		0.45	U	0.45	1.0
Vinyl chloride		0.36	U	0.36	1.0
Chloroethane		0.35	U	0.35	1.0
Methylene Chloride		0.16	U	0.16	1.0
Acetone		11	B	1.8	5.2
Carbon disulfide		0.19	J	0.16	1.0
Trichlorofluoromethane		0.17	U	0.17	1.0
1,1-Dichloroethene		0.20	U	0.20	1.0
1,1-Dichloroethane		0.12	U	0.12	1.0
trans-1,2-Dichloroethene		0.14	U	0.14	1.0
cis-1,2-Dichloroethene		8.8		0.12	1.0
Chloroform		46		0.25	1.0
2-Butanone		0.66	U	0.66	5.2
1,2-Dichloroethane		0.19	U	0.19	1.0
1,1,1-Trichloroethane		0.14	U	0.14	1.0
Carbon tetrachloride		0.16	U	0.16	1.0
Benzene		0.16	U	0.16	1.0
Bromoform		0.18	U	0.18	1.0
Styrene		0.29	U	0.29	1.0
Ethylbenzene		0.28	J	0.18	1.0
Chlorobenzene		0.35	J	0.19	1.0
Cyclohexane		0.14	U	0.14	1.0
Isopropylbenzene		0.12	U	0.12	1.0
2-Hexanone		3.5	J	0.14	5.2
MTBE		0.12	U	0.12	1.0
Freon TF		0.12	U	0.12	1.0
Methyl acetate		0.34	U	0.34	1.0
1,4-Dioxane		13	U	13	21
Trichloroethene		1.3		0.13	1.0
Toluene		0.48	J	0.15	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		6.8		0.21	5.2
cis-1,3-Dichloropropene		0.15	U	0.15	1.0
1,2-Dichlorobenzene		0.17	J	0.10	1.0
1,3-Dichlorobenzene		0.17	U	0.17	1.0
1,4-Dichlorobenzene		0.90	J	0.12	1.0
1,2,4-Trichlorobenzene		0.55	J	0.20	1.0
1,2,3-Trichlorobenzene		0.21	J	0.17	1.0
1,2-Dichloropropane		0.16	U	0.16	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Tetrachloroethene		0.32	J	0.13	1.0
Xylenes, Total		2.0	J	0.70	3.1
1,2-Dibromo-3-Chloropropane		0.46	U *	0.46	1.0
1,1,2,2-Tetrachloroethane		0.094	U	0.094	1.0
1,1,2-Trichloroethane		0.15	U	0.15	1.0

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-WT**

Lab Sample ID: 460-62993-27 Date Sampled: 09/13/2013 1115
Client Matrix: Solid % Moisture: 12.6 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77950.D
Dilution:	1.0			Initial Weight/Volume:	5.466 g
Analysis Date:	09/17/2013 1033			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1454				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.10	U	0.10	1.0
1,2-Dibromoethane		0.16	U	0.16	1.0
Dichlorodifluoromethane		0.23	U	0.23	1.0
Bromochloromethane		0.12	U	0.12	1.0
Bromodichloromethane		0.34	U	0.34	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
Toluene-d8 (Surr)	108		70 - 130
Bromofluorobenzene	97		70 - 130
Dibromofluoromethane (Surr)	98		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-WT**

Lab Sample ID: 460-62993-27 Date Sampled: 09/13/2013 1115
Client Matrix: Solid % Moisture: 12.6 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77950.D
Dilution:	1.0			Initial Weight/Volume:	5.466 g
Analysis Date:	09/17/2013 1033			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1454				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
76-00-6	2-Propanol, 1,1,1-trichloro-	10.09	8.8	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-SI**

Lab Sample ID: 460-62993-28 Date Sampled: 09/13/2013 1120
Client Matrix: Solid % Moisture: 11.6 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60706.D
Dilution:	50			Initial Weight/Volume:	6.404 g
Analysis Date:	09/20/2013 0238			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1420				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		8.5	U	8.5	88
Bromomethane		16	U	16	88
Vinyl chloride		13	U	13	88
Chloroethane		15	U	15	88
Methylene Chloride		16	U	16	88
Acetone		240	U	240	440
Carbon disulfide		11	U	11	88
Trichlorofluoromethane		13	U	13	88
1,1-Dichloroethene		7.8	U	7.8	88
1,1-Dichloroethane		12	U	12	88
trans-1,2-Dichloroethene		11	U	11	88
cis-1,2-Dichloroethene		16	U	16	88
Chloroform		6.9	U	6.9	88
2-Butanone		200	U	200	440
1,2-Dichloroethane		17	U	17	88
1,1,1-Trichloroethane		5.5	U	5.5	88
Carbon tetrachloride		5.0	U	5.0	88
Benzene		7.3	U	7.3	88
Bromoform		17	U	17	88
Styrene		10	U	10	88
Ethylbenzene		8.5	U	8.5	88
Chlorobenzene		9.7	U	9.7	88
Cyclohexane		14	U	14	88
Isopropylbenzene		6.8	U	6.8	88
2-Hexanone		44	U	44	440
MTBE		12	U	12	88
Freon TF		7.2	U	7.2	88
Methyl acetate		30	U	30	440
1,4-Dioxane		3200	U	3200	4400
Trichloroethene		8.1	U	8.1	88
Toluene		13	U	13	88
trans-1,3-Dichloropropene		21	U	21	88
4-Methyl-2-pentanone		87	U	87	440
cis-1,3-Dichloropropene		16	U	16	88
1,2-Dichlorobenzene		18	U	18	88
1,3-Dichlorobenzene		12	U	12	88
1,4-Dichlorobenzene		21	U	21	88
1,2,4-Trichlorobenzene		30	U	30	88
1,2,3-Trichlorobenzene		45	U	45	88
1,2-Dichloropropane		7.6	U	7.6	88
Methylcyclohexane		12	U	12	88
Tetrachloroethene		14	J	8.6	88
Xylenes, Total		32	U	32	260
1,2-Dibromo-3-Chloropropane		35	U	35	88
1,1,2,2-Tetrachloroethane		14	U	14	88
1,1,2-Trichloroethane		17	U	17	88

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-SI**

Lab Sample ID: 460-62993-28 Date Sampled: 09/13/2013 1120
Client Matrix: Solid % Moisture: 11.6 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60706.D
Dilution:	50			Initial Weight/Volume:	6.404 g
Analysis Date:	09/20/2013 0238			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1420				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		18	U	18	88
1,2-Dibromoethane		24	U	24	88
Dichlorodifluoromethane		19	U	19	88
Bromochloromethane		24	U	24	88
Bromodichloromethane		11	U	11	88

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		75 - 135
Toluene-d8 (Surr)	80		59 - 150
Bromofluorobenzene	88		72 - 133
Dibromofluoromethane (Surr)	84		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-SI**

Lab Sample ID: 460-62993-28 Date Sampled: 09/13/2013 1120
Client Matrix: Solid % Moisture: 11.6 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181346	Lab File ID:	B60706.D
Dilution:	50			Initial Weight/Volume:	6.404 g
Analysis Date:	09/20/2013 0238			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1420				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
493-02-7	Naphthalene, decahydro-, trans-	11.04	12000	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.55	8500	J N
2958-75-0	1-Methyldecahydronaphthalene	11.71	10000	J N
4706-90-5	Benzene, 1,3-dimethyl-5-(1-methylethyl)-	11.77	5800	J N
1000158-89-1	Decalin, syn-1-methyl-, cis-	12.01	7900	J N
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	12.14	13000	J N
4810-04-2	Benzene, 1,3,5-trimethyl-2-propyl-	12.41	7300	J N
5557-93-7	Benzene, 1-(1-methylethenyl)-2-(1-methyl	13.26	7000	J N
91-57-6	Naphthalene, 2-methyl-	13.64	13000	J N
90-12-0	Naphthalene, 1-methyl-	13.84	6000	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-SD**

Lab Sample ID: 460-62993-29 Date Sampled: 09/13/2013 1125
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77951.D
Dilution:	1.0			Initial Weight/Volume:	6.84 g
Analysis Date:	09/17/2013 1058			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1456				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.14	U	0.14	0.85
Bromomethane		0.36	U	0.36	0.85
Vinyl chloride		0.29	U	0.29	0.85
Chloroethane		0.28	U	0.28	0.85
Methylene Chloride		0.13	U	0.13	0.85
Acetone		5.5	B	1.4	4.2
Carbon disulfide		0.13	J	0.13	0.85
Trichlorofluoromethane		0.14	U	0.14	0.85
1,1-Dichloroethene		0.16	U	0.16	0.85
1,1-Dichloroethane		0.093	U	0.093	0.85
trans-1,2-Dichloroethene		0.59	J	0.11	0.85
cis-1,2-Dichloroethene		5.4		0.093	0.85
Chloroform		2.7		0.20	0.85
2-Butanone		0.53	U	0.53	4.2
1,2-Dichloroethane		0.15	U	0.15	0.85
1,1,1-Trichloroethane		0.11	U	0.11	0.85
Carbon tetrachloride		0.13	U	0.13	0.85
Benzene		0.13	U	0.13	0.85
Bromoform		0.14	U	0.14	0.85
Styrene		0.24	U	0.24	0.85
Ethylbenzene		0.14	U	0.14	0.85
Chlorobenzene		2.5		0.15	0.85
Cyclohexane		0.11	U	0.11	0.85
Isopropylbenzene		0.42	J	0.093	0.85
2-Hexanone		0.11	U	0.11	4.2
MTBE		0.093	U	0.093	0.85
Freon TF		2.2		0.093	0.85
Methyl acetate		0.27	U	0.27	0.85
1,4-Dioxane		11	U	11	17
Trichloroethene		60		0.10	0.85
Toluene		0.12	U	0.12	0.85
trans-1,3-Dichloropropene		0.085	U	0.085	0.85
4-Methyl-2-pentanone		0.17	U	0.17	4.2
cis-1,3-Dichloropropene		0.12	U	0.12	0.85
1,2-Dichlorobenzene		2.3		0.085	0.85
1,3-Dichlorobenzene		0.14	U	0.14	0.85
1,4-Dichlorobenzene		0.48	J	0.093	0.85
1,2,4-Trichlorobenzene		16		0.16	0.85
1,2,3-Trichlorobenzene		4.6		0.14	0.85
1,2-Dichloropropane		0.13	U	0.13	0.85
Methylcyclohexane		0.44	J	0.085	0.85
Tetrachloroethene		8.9		0.10	0.85
Xylenes, Total		0.57	U	0.57	2.5
1,2-Dibromo-3-Chloropropane		0.37	U *	0.37	0.85
1,1,2,2-Tetrachloroethane		0.076	U	0.076	0.85
1,1,2-Trichloroethane		0.12	U	0.12	0.85

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-SD**

Lab Sample ID: 460-62993-29 Date Sampled: 09/13/2013 1125
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77951.D
Dilution:	1.0			Initial Weight/Volume:	6.84 g
Analysis Date:	09/17/2013 1058			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1456				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.085	U	0.085	0.85
1,2-Dibromoethane		0.13	U	0.13	0.85
Dichlorodifluoromethane		0.19	U	0.19	0.85
Bromochloromethane		0.093	U	0.093	0.85
Bromodichloromethane		0.27	U	0.27	0.85

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 130
Toluene-d8 (Surr)	108		70 - 130
Bromofluorobenzene	98		70 - 130
Dibromofluoromethane (Surr)	101		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-SD**

Lab Sample ID: 460-62993-29 Date Sampled: 09/13/2013 1125
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77951.D
Dilution:	1.0			Initial Weight/Volume:	6.84 g
Analysis Date:	09/17/2013 1058			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1456				

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: 460-62993-1

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

Lab Sample ID: 460-62993-30 Date Sampled: 09/13/2013 1145
Client Matrix: Solid % Moisture: 4.2 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77952.D
Dilution:	1.0			Initial Weight/Volume:	5.661 g
Analysis Date:	09/17/2013 1123			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1457				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.92
Bromomethane		0.40	U	0.40	0.92
Vinyl chloride		0.31	U	0.31	0.92
Chloroethane		0.30	U	0.30	0.92
Methylene Chloride		0.14	U	0.14	0.92
Acetone		9.8	B	1.6	4.6
Carbon disulfide		0.14	U	0.14	0.92
Trichlorofluoromethane		0.15	U	0.15	0.92
1,1-Dichloroethene		0.18	U	0.18	0.92
1,1-Dichloroethane		0.10	U	0.10	0.92
trans-1,2-Dichloroethene		0.12	U	0.12	0.92
cis-1,2-Dichloroethene		0.10	U	0.10	0.92
Chloroform		0.22	U	0.22	0.92
2-Butanone		0.58	U	0.58	4.6
1,2-Dichloroethane		0.17	U	0.17	0.92
1,1,1-Trichloroethane		0.12	U	0.12	0.92
Carbon tetrachloride		0.14	U	0.14	0.92
Benzene		0.14	U	0.14	0.92
Bromoform		0.16	U	0.16	0.92
Styrene		0.26	U	0.26	0.92
Ethylbenzene		0.16	U	0.16	0.92
Chlorobenzene		0.17	U	0.17	0.92
Cyclohexane		0.12	U	0.12	0.92
Isopropylbenzene		0.10	U	0.10	0.92
2-Hexanone		0.12	U	0.12	4.6
MTBE		0.10	U	0.10	0.92
Freon TF		0.10	U	0.10	0.92
Methyl acetate		0.29	U	0.29	0.92
1,4-Dioxane		12	U	12	18
Trichloroethene		0.11	U	0.11	0.92
Toluene		0.13	U	0.13	0.92
trans-1,3-Dichloropropene		0.092	U	0.092	0.92
4-Methyl-2-pentanone		0.18	U	0.18	4.6
cis-1,3-Dichloropropene		0.13	U	0.13	0.92
1,2-Dichlorobenzene		0.092	U	0.092	0.92
1,3-Dichlorobenzene		0.15	U	0.15	0.92
1,4-Dichlorobenzene		0.42	J	0.10	0.92
1,2,4-Trichlorobenzene		0.46	J	0.18	0.92
1,2,3-Trichlorobenzene		0.19	J	0.15	0.92
1,2-Dichloropropane		0.14	U	0.14	0.92
Methylcyclohexane		0.092	U	0.092	0.92
Tetrachloroethene		0.11	U	0.11	0.92
Xylenes, Total		0.62	U	0.62	2.8
1,2-Dibromo-3-Chloropropane		0.41	U *	0.41	0.92
1,1,2,2-Tetrachloroethane		0.083	U	0.083	0.92
1,1,2-Trichloroethane		0.13	U	0.13	0.92

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-30 Date Sampled: 09/13/2013 1145
Client Matrix: Solid % Moisture: 4.2 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77952.D
Dilution:	1.0			Initial Weight/Volume:	5.661 g
Analysis Date:	09/17/2013 1123			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1457				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 130
Toluene-d8 (Surr)	106		70 - 130
Bromofluorobenzene	98		70 - 130
Dibromofluoromethane (Surr)	99		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-30 Date Sampled: 09/13/2013 1145
Client Matrix: Solid % Moisture: 4.2 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77952.D
Dilution:	1.0			Initial Weight/Volume:	5.661 g
Analysis Date:	09/17/2013 1123			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1457				

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: 460-62993-1

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

Lab Sample ID: 460-62993-31 Date Sampled: 09/13/2013 1150
Client Matrix: Solid % Moisture: 13.5 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77953.D
Dilution:	1.0			Initial Weight/Volume:	5.945 g
Analysis Date:	09/17/2013 1148			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1458				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.16	U	0.16	0.97
Bromomethane		0.42	U	0.42	0.97
Vinyl chloride		0.33	U	0.33	0.97
Chloroethane		0.32	U	0.32	0.97
Methylene Chloride		0.15	U	0.15	0.97
Acetone		1.6	U	1.6	4.9
Carbon disulfide		0.15	U	0.15	0.97
Trichlorofluoromethane		0.16	U	0.16	0.97
1,1-Dichloroethene		0.18	U	0.18	0.97
1,1-Dichloroethane		0.11	U	0.11	0.97
trans-1,2-Dichloroethene		0.13	U	0.13	0.97
cis-1,2-Dichloroethene		0.11	U	0.11	0.97
Chloroform		13		0.23	0.97
2-Butanone		0.61	U	0.61	4.9
1,2-Dichloroethane		0.18	U	0.18	0.97
1,1,1-Trichloroethane		0.13	U	0.13	0.97
Carbon tetrachloride		0.15	U	0.15	0.97
Benzene		0.15	U	0.15	0.97
Bromoform		0.17	U	0.17	0.97
Styrene		0.27	U	0.27	0.97
Ethylbenzene		0.17	U	0.17	0.97
Chlorobenzene		0.18	U	0.18	0.97
Cyclohexane		0.13	U	0.13	0.97
Isopropylbenzene		0.11	U	0.11	0.97
2-Hexanone		0.13	U	0.13	4.9
MTBE		0.11	U	0.11	0.97
Freon TF		0.11	U	0.11	0.97
Methyl acetate		0.31	U	0.31	0.97
1,4-Dioxane		12	U	12	19
Trichloroethene		0.12	U	0.12	0.97
Toluene		0.14	U	0.14	0.97
trans-1,3-Dichloropropene		0.097	U	0.097	0.97
4-Methyl-2-pentanone		0.19	U	0.19	4.9
cis-1,3-Dichloropropene		0.14	U	0.14	0.97
1,2-Dichlorobenzene		0.097	U	0.097	0.97
1,3-Dichlorobenzene		0.16	U	0.16	0.97
1,4-Dichlorobenzene		0.46	J	0.11	0.97
1,2,4-Trichlorobenzene		0.18	U	0.18	0.97
1,2,3-Trichlorobenzene		0.16	U	0.16	0.97
1,2-Dichloropropane		0.15	U	0.15	0.97
Methylcyclohexane		0.097	U	0.097	0.97
Tetrachloroethene		0.12	U	0.12	0.97
Xylenes, Total		0.65	U	0.65	2.9
1,2-Dibromo-3-Chloropropane		0.43	U *	0.43	0.97
1,1,2,2-Tetrachloroethane		0.088	U	0.088	0.97
1,1,2-Trichloroethane		0.14	U	0.14	0.97

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-31 Date Sampled: 09/13/2013 1150
Client Matrix: Solid % Moisture: 13.5 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77953.D
Dilution:	1.0			Initial Weight/Volume:	5.945 g
Analysis Date:	09/17/2013 1148			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1458				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 130
Toluene-d8 (Surr)	108		70 - 130
Bromofluorobenzene	99		70 - 130
Dibromofluoromethane (Surr)	101		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-31 Date Sampled: 09/13/2013 1150
Client Matrix: Solid % Moisture: 13.5 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77953.D
Dilution:	1.0			Initial Weight/Volume:	5.945 g
Analysis Date:	09/17/2013 1148			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1458				

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: 460-62993-1

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

Lab Sample ID: 460-62993-32 Date Sampled: 09/13/2013 1155
Client Matrix: Solid % Moisture: 14.6 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77954.D
Dilution:	1.0			Initial Weight/Volume:	5.237 g
Analysis Date:	09/17/2013 1213			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1459				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.18	U	0.18	1.1
Bromomethane		0.48	U	0.48	1.1
Vinyl chloride		0.38	U	0.38	1.1
Chloroethane		0.37	U	0.37	1.1
Methylene Chloride		0.17	U	0.17	1.1
Acetone		6.5	B	1.9	5.6
Carbon disulfide		0.17	U	0.17	1.1
Trichlorofluoromethane		0.18	U	0.18	1.1
1,1-Dichloroethene		0.21	U	0.21	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
trans-1,2-Dichloroethene		0.15	U	0.15	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
Chloroform		1.6		0.27	1.1
2-Butanone		0.70	U	0.70	5.6
1,2-Dichloroethane		0.20	U	0.20	1.1
1,1,1-Trichloroethane		0.15	U	0.15	1.1
Carbon tetrachloride		0.17	U	0.17	1.1
Benzene		0.17	U	0.17	1.1
Bromoform		0.19	U	0.19	1.1
Styrene		0.31	U	0.31	1.1
Ethylbenzene		0.19	U	0.19	1.1
Chlorobenzene		0.20	U	0.20	1.1
Cyclohexane		0.15	U	0.15	1.1
Isopropylbenzene		0.12	U	0.12	1.1
2-Hexanone		0.15	U	0.15	5.6
MTBE		0.12	U	0.12	1.1
Freon TF		0.12	U	0.12	1.1
Methyl acetate		0.36	U	0.36	1.1
1,4-Dioxane		14	U	14	22
Trichloroethene		0.13	U	0.13	1.1
Toluene		0.16	U	0.16	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
4-Methyl-2-pentanone		0.22	U	0.22	5.6
cis-1,3-Dichloropropene		0.16	U	0.16	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,3-Dichlorobenzene		0.18	U	0.18	1.1
1,4-Dichlorobenzene		0.85	J	0.12	1.1
1,2,4-Trichlorobenzene		1.5		0.21	1.1
1,2,3-Trichlorobenzene		1.4		0.18	1.1
1,2-Dichloropropane		0.17	U	0.17	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Tetrachloroethene		0.13	U	0.13	1.1
Xylenes, Total		0.75	U	0.75	3.4
1,2-Dibromo-3-Chloropropane		0.49	U *	0.49	1.1
1,1,2,2-Tetrachloroethane		0.10	U	0.10	1.1
1,1,2-Trichloroethane		0.16	U	0.16	1.1

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-32 Date Sampled: 09/13/2013 1155
Client Matrix: Solid % Moisture: 14.6 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77954.D
Dilution:	1.0			Initial Weight/Volume:	5.237 g
Analysis Date:	09/17/2013 1213			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1459				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.11	U	0.11	1.1
1,2-Dibromoethane		0.17	U	0.17	1.1
Dichlorodifluoromethane		0.25	U	0.25	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.36	U	0.36	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 130
Toluene-d8 (Surr)	106		70 - 130
Bromofluorobenzene	99		70 - 130
Dibromofluoromethane (Surr)	100		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-32 Date Sampled: 09/13/2013 1155
Client Matrix: Solid % Moisture: 14.6 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77954.D
Dilution:	1.0			Initial Weight/Volume:	5.237 g
Analysis Date:	09/17/2013 1213			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1459				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	12.21	20	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	12.43	23	J N
97664-19-2	Benzene, 1-methyl-2-(1-methyl-2-propenyl	12.70	19	J N
	Unknown	13.47	23	J
54105-67-8	Heptadecane, 2,6-dimethyl-	13.65	24	J N
629-50-5	Tridecane	13.85	19	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	14.42	19	J N
629-59-4	Tetradecane	14.56	25	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	14.66	18	J N
1076-61-5	Naphthalene, 1,2,3,4-tetrahydro-6,7-dime	14.88	21	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-33 Date Sampled: 09/13/2013 1200
Client Matrix: Solid % Moisture: 16.9 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77955.D
Dilution:	1.0			Initial Weight/Volume:	6.243 g
Analysis Date:	09/17/2013 1237			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1459				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.96
Bromomethane		0.41	U	0.41	0.96
Vinyl chloride		0.33	U	0.33	0.96
Chloroethane		0.32	U	0.32	0.96
Methylene Chloride		0.14	U	0.14	0.96
Acetone		5.8	B	1.6	4.8
Carbon disulfide		0.22	J	0.14	0.96
Trichlorofluoromethane		0.15	U	0.15	0.96
1,1-Dichloroethene		0.18	U	0.18	0.96
1,1-Dichloroethane		0.11	U	0.11	0.96
trans-1,2-Dichloroethene		0.13	U	0.13	0.96
cis-1,2-Dichloroethene		0.26	J	0.11	0.96
Chloroform		2.7		0.23	0.96
2-Butanone		0.61	U	0.61	4.8
1,2-Dichloroethane		0.17	U	0.17	0.96
1,1,1-Trichloroethane		0.13	U	0.13	0.96
Carbon tetrachloride		0.14	U	0.14	0.96
Benzene		0.14	U	0.14	0.96
Bromoform		0.16	U	0.16	0.96
Styrene		0.27	U	0.27	0.96
Ethylbenzene		0.16	U	0.16	0.96
Chlorobenzene		0.17	U	0.17	0.96
Cyclohexane		0.13	U	0.13	0.96
Isopropylbenzene		0.11	U	0.11	0.96
2-Hexanone		0.13	U	0.13	4.8
MTBE		0.11	U	0.11	0.96
Freon TF		0.11	U	0.11	0.96
Methyl acetate		0.31	U	0.31	0.96
1,4-Dioxane		12	U	12	19
Trichloroethene		0.21	J	0.12	0.96
Toluene		0.13	U	0.13	0.96
trans-1,3-Dichloropropene		0.096	U	0.096	0.96
4-Methyl-2-pentanone		0.19	U	0.19	4.8
cis-1,3-Dichloropropene		0.13	U	0.13	0.96
1,2-Dichlorobenzene		0.096	U	0.096	0.96
1,3-Dichlorobenzene		0.15	U	0.15	0.96
1,4-Dichlorobenzene		0.43	J	0.11	0.96
1,2,4-Trichlorobenzene		3.1		0.18	0.96
1,2,3-Trichlorobenzene		2.6		0.15	0.96
1,2-Dichloropropane		0.14	U	0.14	0.96
Methylcyclohexane		0.15	J	0.096	0.96
Tetrachloroethene		0.25	J	0.12	0.96
Xylenes, Total		0.65	U	0.65	2.9
1,2-Dibromo-3-Chloropropane		0.42	U *	0.42	0.96
1,1,2,2-Tetrachloroethane		0.087	U	0.087	0.96
1,1,2-Trichloroethane		0.13	U	0.13	0.96

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-33 Date Sampled: 09/13/2013 1200
Client Matrix: Solid % Moisture: 16.9 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77955.D
Dilution:	1.0			Initial Weight/Volume:	6.243 g
Analysis Date:	09/17/2013 1237			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1459				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.096	U	0.096	0.96
1,2-Dibromoethane		0.14	U	0.14	0.96
Dichlorodifluoromethane		0.21	U	0.21	0.96
Bromochloromethane		0.11	U	0.11	0.96
Bromodichloromethane		0.31	U	0.31	0.96

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 130
Toluene-d8 (Surr)	108		70 - 130
Bromofluorobenzene	101		70 - 130
Dibromofluoromethane (Surr)	103		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-33 Date Sampled: 09/13/2013 1200
Client Matrix: Solid % Moisture: 16.9 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77955.D
Dilution:	1.0			Initial Weight/Volume:	6.243 g
Analysis Date:	09/17/2013 1237			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1459				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	12.21	24	J N
1000155-85-6	cis-Decalin, 2-syn-methyl-	12.44	25	J N
17851-27-3	Benzene, 1-ethyl-2,4,5-trimethyl-	12.71	25	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	13.04	18	J N
	Unknown	13.47	23	J
1559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-methyl	13.62	20	J N
769-57-3	.alpha.,.beta.,.beta.-Trimethylstyrene	13.95	20	J N
40650-41-7	1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	14.42	17	J N
629-59-4	Tetradecane	14.56	22	J N
54340-85-1	Benzene, 1-(2-butenyl)-2,3-dimethyl-	14.88	20	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-31SE-VS**

Lab Sample ID: 460-62993-34 Date Sampled: 09/13/2013 1245
Client Matrix: Solid % Moisture: 5.1 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181813	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77971.D
Dilution:	1.0			Initial Weight/Volume:	4.558 g
Analysis Date:	09/17/2013 1922			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1501				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.18	U	0.18	1.2
Bromomethane		0.50	U	0.50	1.2
Vinyl chloride		0.39	U	0.39	1.2
Chloroethane		0.38	U	0.38	1.2
Methylene Chloride		0.17	U	0.17	1.2
Acetone		2.0	U	2.0	5.8
Carbon disulfide		0.17	U	0.17	1.2
Trichlorofluoromethane		0.18	U	0.18	1.2
1,1-Dichloroethene		0.22	U	0.22	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
trans-1,2-Dichloroethene		0.15	U	0.15	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
Chloroform		0.28	U	0.28	1.2
2-Butanone		0.73	U	0.73	5.8
1,2-Dichloroethane		0.21	U	0.21	1.2
1,1,1-Trichloroethane		0.15	U	0.15	1.2
Carbon tetrachloride		0.17	U	0.17	1.2
Benzene		0.17	U	0.17	1.2
Bromoform		0.20	U	0.20	1.2
Styrene		0.32	U	0.32	1.2
Ethylbenzene		0.20	U	0.20	1.2
Chlorobenzene		0.21	U	0.21	1.2
Cyclohexane		0.15	U	0.15	1.2
Isopropylbenzene		0.13	U	0.13	1.2
2-Hexanone		0.15	U	0.15	5.8
MTBE		0.13	U	0.13	1.2
Freon TF		0.13	U	0.13	1.2
Methyl acetate		0.37	U	0.37	1.2
1,4-Dioxane		15	U	15	23
Trichloroethene		0.14	U	0.14	1.2
Toluene		0.16	U	0.16	1.2
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
4-Methyl-2-pentanone		0.23	U	0.23	5.8
cis-1,3-Dichloropropene		0.16	U	0.16	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,3-Dichlorobenzene		0.18	U	0.18	1.2
1,4-Dichlorobenzene		0.13	U	0.13	1.2
1,2,4-Trichlorobenzene		0.22	U	0.22	1.2
1,2,3-Trichlorobenzene		0.18	U	0.18	1.2
1,2-Dichloropropane		0.17	U	0.17	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Tetrachloroethene		0.14	U	0.14	1.2
Xylenes, Total		0.77	U	0.77	3.5
1,2-Dibromo-3-Chloropropane		0.51	U	0.51	1.2
1,1,2,2-Tetrachloroethane		0.10	U	0.10	1.2
1,1,2-Trichloroethane		0.16	U	0.16	1.2

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-31SE-VS**

Lab Sample ID: 460-62993-34 Date Sampled: 09/13/2013 1245
Client Matrix: Solid % Moisture: 5.1 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181813	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77971.D
Dilution:	1.0			Initial Weight/Volume:	4.558 g
Analysis Date:	09/17/2013 1922			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1501				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 130
Toluene-d8 (Surr)	107		70 - 130
Bromofluorobenzene	98		70 - 130
Dibromofluoromethane (Surr)	104		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-31SE-VS**

Lab Sample ID: 460-62993-34 Date Sampled: 09/13/2013 1245
Client Matrix: Solid % Moisture: 5.1 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181813	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77971.D
Dilution:	1.0			Initial Weight/Volume:	4.558 g
Analysis Date:	09/17/2013 1922			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1501				

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: 460-62993-1

Client Sample ID: **PMP-31SE-VD**

Lab Sample ID: 460-62993-35 Date Sampled: 09/13/2013 1250
Client Matrix: Solid % Moisture: 5.3 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77957.D
Dilution:	1.0			Initial Weight/Volume:	5.64 g
Analysis Date:	09/17/2013 1327			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1501				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.94
Bromomethane		0.40	U	0.40	0.94
Vinyl chloride		0.32	U	0.32	0.94
Chloroethane		0.31	U	0.31	0.94
Methylene Chloride		0.14	U	0.14	0.94
Acetone		1.6	U	1.6	4.7
Carbon disulfide		0.14	U	0.14	0.94
Trichlorofluoromethane		0.15	U	0.15	0.94
1,1-Dichloroethene		0.18	U	0.18	0.94
1,1-Dichloroethane		0.10	U	0.10	0.94
trans-1,2-Dichloroethene		0.12	U	0.12	0.94
cis-1,2-Dichloroethene		0.10	U	0.10	0.94
Chloroform		0.22	U	0.22	0.94
2-Butanone		0.59	U	0.59	4.7
1,2-Dichloroethane		0.17	U	0.17	0.94
1,1,1-Trichloroethane		0.12	U	0.12	0.94
Carbon tetrachloride		0.14	U	0.14	0.94
Benzene		0.14	U	0.14	0.94
Bromoform		0.16	U	0.16	0.94
Styrene		0.26	U	0.26	0.94
Ethylbenzene		0.16	U	0.16	0.94
Chlorobenzene		0.17	U	0.17	0.94
Cyclohexane		0.12	U	0.12	0.94
Isopropylbenzene		0.10	U	0.10	0.94
2-Hexanone		0.12	U	0.12	4.7
MTBE		0.10	U	0.10	0.94
Freon TF		0.10	U	0.10	0.94
Methyl acetate		0.30	U	0.30	0.94
1,4-Dioxane		12	U	12	19
Trichloroethene		0.11	U	0.11	0.94
Toluene		0.13	U	0.13	0.94
trans-1,3-Dichloropropene		0.094	U	0.094	0.94
4-Methyl-2-pentanone		0.19	U	0.19	4.7
cis-1,3-Dichloropropene		0.13	U	0.13	0.94
1,2-Dichlorobenzene		0.094	U	0.094	0.94
1,3-Dichlorobenzene		0.15	U	0.15	0.94
1,4-Dichlorobenzene		0.42	J	0.10	0.94
1,2,4-Trichlorobenzene		0.18	U	0.18	0.94
1,2,3-Trichlorobenzene		0.15	U	0.15	0.94
1,2-Dichloropropane		0.14	U	0.14	0.94
Methylcyclohexane		0.094	U	0.094	0.94
Tetrachloroethene		0.11	U	0.11	0.94
Xylenes, Total		0.63	U	0.63	2.8
1,2-Dibromo-3-Chloropropane		0.41	U *	0.41	0.94
1,1,2,2-Tetrachloroethane		0.084	U	0.084	0.94
1,1,2-Trichloroethane		0.13	U	0.13	0.94

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-31SE-VD**

Lab Sample ID: 460-62993-35 Date Sampled: 09/13/2013 1250
Client Matrix: Solid % Moisture: 5.3 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77957.D
Dilution:	1.0			Initial Weight/Volume:	5.64 g
Analysis Date:	09/17/2013 1327			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1501				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123		70 - 130
Toluene-d8 (Surr)	111		70 - 130
Bromofluorobenzene	104		70 - 130
Dibromofluoromethane (Surr)	106		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-31SE-VD**

Lab Sample ID: 460-62993-35 Date Sampled: 09/13/2013 1250
Client Matrix: Solid % Moisture: 5.3 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77957.D
Dilution:	1.0			Initial Weight/Volume:	5.64 g
Analysis Date:	09/17/2013 1327			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1501				

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: 460-62993-1

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

Lab Sample ID: 460-62993-36 Date Sampled: 09/13/2013 1255
Client Matrix: Solid % Moisture: 10.3 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77958.D
Dilution:	1.0			Initial Weight/Volume:	7.742 g
Analysis Date:	09/17/2013 1352			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1502				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.12	U	0.12	0.72
Bromomethane		0.31	U	0.31	0.72
Vinyl chloride		0.24	U	0.24	0.72
Chloroethane		0.24	U	0.24	0.72
Methylene Chloride		0.11	U	0.11	0.72
Acetone		2.0	J B	1.2	3.6
Carbon disulfide		0.11	U	0.11	0.72
Trichlorofluoromethane		0.12	U	0.12	0.72
1,1-Dichloroethene		0.14	U	0.14	0.72
1,1-Dichloroethane		0.079	U	0.079	0.72
trans-1,2-Dichloroethene		0.094	U	0.094	0.72
cis-1,2-Dichloroethene		0.079	U	0.079	0.72
Chloroform		0.17	U	0.17	0.72
2-Butanone		0.45	U	0.45	3.6
1,2-Dichloroethane		0.13	U	0.13	0.72
1,1,1-Trichloroethane		0.094	U	0.094	0.72
Carbon tetrachloride		0.11	U	0.11	0.72
Benzene		0.11	U	0.11	0.72
Bromoform		0.12	U	0.12	0.72
Styrene		0.20	U	0.20	0.72
Ethylbenzene		0.12	U	0.12	0.72
Chlorobenzene		0.13	U	0.13	0.72
Cyclohexane		0.094	U	0.094	0.72
Isopropylbenzene		0.079	U	0.079	0.72
2-Hexanone		0.094	U	0.094	3.6
MTBE		0.079	U	0.079	0.72
Freon TF		0.079	U	0.079	0.72
Methyl acetate		0.23	U	0.23	0.72
1,4-Dioxane		9.1	U	9.1	14
Trichloroethene		0.086	U	0.086	0.72
Toluene		0.10	U	0.10	0.72
trans-1,3-Dichloropropene		0.072	U	0.072	0.72
4-Methyl-2-pentanone		0.14	U	0.14	3.6
cis-1,3-Dichloropropene		0.10	U	0.10	0.72
1,2-Dichlorobenzene		0.072	U	0.072	0.72
1,3-Dichlorobenzene		0.12	U	0.12	0.72
1,4-Dichlorobenzene		0.44	J	0.079	0.72
1,2,4-Trichlorobenzene		0.14	U	0.14	0.72
1,2,3-Trichlorobenzene		0.12	U	0.12	0.72
1,2-Dichloropropane		0.11	U	0.11	0.72
Methylcyclohexane		0.072	U	0.072	0.72
Tetrachloroethene		0.086	U	0.086	0.72
Xylenes, Total		0.48	U	0.48	2.2
1,2-Dibromo-3-Chloropropane		0.32	U *	0.32	0.72
1,1,2,2-Tetrachloroethane		0.065	U	0.065	0.72
1,1,2-Trichloroethane		0.10	U	0.10	0.72

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-36 Date Sampled: 09/13/2013 1255
Client Matrix: Solid % Moisture: 10.3 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77958.D
Dilution:	1.0			Initial Weight/Volume:	7.742 g
Analysis Date:	09/17/2013 1352			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1502				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.072	U	0.072	0.72
1,2-Dibromoethane		0.11	U	0.11	0.72
Dichlorodifluoromethane		0.16	U	0.16	0.72
Bromochloromethane		0.079	U	0.079	0.72
Bromodichloromethane		0.23	U	0.23	0.72

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 130
Toluene-d8 (Surr)	108		70 - 130
Bromofluorobenzene	99		70 - 130
Dibromofluoromethane (Surr)	104		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-36 Date Sampled: 09/13/2013 1255
Client Matrix: Solid % Moisture: 10.3 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77958.D
Dilution:	1.0			Initial Weight/Volume:	7.742 g
Analysis Date:	09/17/2013 1352			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1502				

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: 460-62993-1

Client Sample ID: **PMP-32SE-VS**

Lab Sample ID: 460-62993-37 Date Sampled: 09/13/2013 1230
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77959.D
Dilution:	1.0			Initial Weight/Volume:	4.869 g
Analysis Date:	09/17/2013 1417			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1503				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.17	U	0.17	1.1
Bromomethane		0.46	U	0.46	1.1
Vinyl chloride		0.36	U	0.36	1.1
Chloroethane		0.35	U	0.35	1.1
Methylene Chloride		0.16	U	0.16	1.1
Acetone		130	B	1.8	5.3
Carbon disulfide		0.16	U	0.16	1.1
Trichlorofluoromethane		0.17	U	0.17	1.1
1,1-Dichloroethene		0.20	U	0.20	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
trans-1,2-Dichloroethene		0.14	U	0.14	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
Chloroform		0.26	U	0.26	1.1
2-Butanone		2.8	J	0.67	5.3
1,2-Dichloroethane		0.19	U	0.19	1.1
1,1,1-Trichloroethane		0.14	U	0.14	1.1
Carbon tetrachloride		0.16	U	0.16	1.1
Benzene		0.16	U	0.16	1.1
Bromoform		0.18	U	0.18	1.1
Styrene		1.7		0.30	1.1
Ethylbenzene		0.18	U	0.18	1.1
Chlorobenzene		0.19	U	0.19	1.1
Cyclohexane		0.14	U	0.14	1.1
Isopropylbenzene		0.12	U	0.12	1.1
2-Hexanone		0.14	U	0.14	5.3
MTBE		0.12	U	0.12	1.1
Freon TF		0.12	U	0.12	1.1
Methyl acetate		7.2		0.34	1.1
1,4-Dioxane		13	U	13	21
Trichloroethene		0.13	U	0.13	1.1
Toluene		0.15	U	0.15	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
4-Methyl-2-pentanone		0.21	U	0.21	5.3
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,3-Dichlorobenzene		0.17	U	0.17	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,2,4-Trichlorobenzene		0.20	U	0.20	1.1
1,2,3-Trichlorobenzene		0.17	U	0.17	1.1
1,2-Dichloropropane		0.16	U	0.16	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Tetrachloroethene		0.13	U	0.13	1.1
Xylenes, Total		0.71	U	0.71	3.2
1,2-Dibromo-3-Chloropropane		0.47	U *	0.47	1.1
1,1,2,2-Tetrachloroethane		0.096	U	0.096	1.1
1,1,2-Trichloroethane		0.15	U	0.15	1.1

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-32SE-VS**

Lab Sample ID: 460-62993-37 Date Sampled: 09/13/2013 1230
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77959.D
Dilution:	1.0			Initial Weight/Volume:	4.869 g
Analysis Date:	09/17/2013 1417			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1503				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 130
Toluene-d8 (Surr)	110		70 - 130
Bromofluorobenzene	100		70 - 130
Dibromofluoromethane (Surr)	103		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-32SE-VS**

Lab Sample ID: 460-62993-37 Date Sampled: 09/13/2013 1230
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77959.D
Dilution:	1.0			Initial Weight/Volume:	4.869 g
Analysis Date:	09/17/2013 1417			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1503				

Tentatively Identified Compounds **Number TIC's Found: 5**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
64-17-5	Ethanol	1.42	22	J N
7785-26-4	1S-.alpha.-Pinene	8.72	72	J N
5794-04-7	Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-me	9.13	8.6	J N
100-52-7	Benzaldehyde	10.35	320	J N
87-44-5	Caryophyllene	15.06	42	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-38 Date Sampled: 09/13/2013 1235
Client Matrix: Solid % Moisture: 7.9 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181813	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77972.D
Dilution:	1.0			Initial Weight/Volume:	6.627 g
Analysis Date:	09/17/2013 1947			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1504				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.13	U	0.13	0.82
Bromomethane		0.35	U	0.35	0.82
Vinyl chloride		0.28	U	0.28	0.82
Chloroethane		0.27	U	0.27	0.82
Methylene Chloride		0.12	U	0.12	0.82
Acetone		3.7	J B	1.4	4.1
Carbon disulfide		0.12	U	0.12	0.82
Trichlorofluoromethane		0.13	U	0.13	0.82
1,1-Dichloroethene		0.16	U	0.16	0.82
1,1-Dichloroethane		0.090	U	0.090	0.82
trans-1,2-Dichloroethene		0.11	U	0.11	0.82
cis-1,2-Dichloroethene		0.090	U	0.090	0.82
Chloroform		0.20	U	0.20	0.82
2-Butanone		0.52	U	0.52	4.1
1,2-Dichloroethane		1.2		0.15	0.82
1,1,1-Trichloroethane		0.11	U	0.11	0.82
Carbon tetrachloride		0.12	U	0.12	0.82
Benzene		0.12	U	0.12	0.82
Bromoform		0.14	U	0.14	0.82
Styrene		0.23	U	0.23	0.82
Ethylbenzene		0.14	U	0.14	0.82
Chlorobenzene		0.15	U	0.15	0.82
Cyclohexane		0.11	U	0.11	0.82
Isopropylbenzene		0.090	U	0.090	0.82
2-Hexanone		0.11	U	0.11	4.1
MTBE		0.090	U	0.090	0.82
Freon TF		0.090	U	0.090	0.82
Methyl acetate		0.26	U	0.26	0.82
1,4-Dioxane		10	U	10	16
Trichloroethene		0.098	U	0.098	0.82
Toluene		5.6		0.11	0.82
trans-1,3-Dichloropropene		0.082	U	0.082	0.82
4-Methyl-2-pentanone		0.16	U	0.16	4.1
cis-1,3-Dichloropropene		0.11	U	0.11	0.82
1,2-Dichlorobenzene		0.082	U	0.082	0.82
1,3-Dichlorobenzene		0.13	U	0.13	0.82
1,4-Dichlorobenzene		0.090	U	0.090	0.82
1,2,4-Trichlorobenzene		0.16	U	0.16	0.82
1,2,3-Trichlorobenzene		0.13	U	0.13	0.82
1,2-Dichloropropane		0.12	U	0.12	0.82
Methylcyclohexane		0.082	U	0.082	0.82
Tetrachloroethene		0.098	U	0.098	0.82
Xylenes, Total		0.55	U	0.55	2.5
1,2-Dibromo-3-Chloropropane		0.36	U	0.36	0.82
1,1,2,2-Tetrachloroethane		0.074	U	0.074	0.82
1,1,2-Trichloroethane		0.11	U	0.11	0.82

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-38 Date Sampled: 09/13/2013 1235
Client Matrix: Solid % Moisture: 7.9 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181813	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77972.D
Dilution:	1.0			Initial Weight/Volume:	6.627 g
Analysis Date:	09/17/2013 1947			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1504				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.082	U	0.082	0.82
1,2-Dibromoethane		0.12	U	0.12	0.82
Dichlorodifluoromethane		0.18	U	0.18	0.82
Bromochloromethane		0.090	U	0.090	0.82
Bromodichloromethane		0.26	U	0.26	0.82

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 130
Toluene-d8 (Surr)	108		70 - 130
Bromofluorobenzene	99		70 - 130
Dibromofluoromethane (Surr)	105		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-38 Date Sampled: 09/13/2013 1235
Client Matrix: Solid % Moisture: 7.9 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181813	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77972.D
Dilution:	1.0			Initial Weight/Volume:	6.627 g
Analysis Date:	09/17/2013 1947			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1504				

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: 460-62993-1

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

Lab Sample ID: 460-62993-39 Date Sampled: 09/13/2013 1240
Client Matrix: Solid % Moisture: 14.3 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77961.D
Dilution:	1.0			Initial Weight/Volume:	4.695 g
Analysis Date:	09/17/2013 1507			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1504				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.20	U	0.20	1.2
Bromomethane		0.53	U	0.53	1.2
Vinyl chloride		0.42	U	0.42	1.2
Chloroethane		0.41	U	0.41	1.2
Methylene Chloride		0.19	U	0.19	1.2
Acetone		10	B	2.1	6.2
Carbon disulfide		0.46	J	0.19	1.2
Trichlorofluoromethane		0.20	U	0.20	1.2
1,1-Dichloroethene		0.24	U	0.24	1.2
1,1-Dichloroethane		0.14	U	0.14	1.2
trans-1,2-Dichloroethene		0.16	U	0.16	1.2
cis-1,2-Dichloroethene		0.14	U	0.14	1.2
Chloroform		0.30	U	0.30	1.2
2-Butanone		0.78	U	0.78	6.2
1,2-Dichloroethane		0.22	U	0.22	1.2
1,1,1-Trichloroethane		0.16	U	0.16	1.2
Carbon tetrachloride		0.19	U	0.19	1.2
Benzene		0.19	U	0.19	1.2
Bromoform		0.21	U	0.21	1.2
Styrene		0.35	U	0.35	1.2
Ethylbenzene		0.21	U	0.21	1.2
Chlorobenzene		0.22	U	0.22	1.2
Cyclohexane		0.16	U	0.16	1.2
Isopropylbenzene		0.14	U	0.14	1.2
2-Hexanone		0.16	U	0.16	6.2
MTBE		0.14	U	0.14	1.2
Freon TF		0.14	U	0.14	1.2
Methyl acetate		0.40	U	0.40	1.2
1,4-Dioxane		16	U	16	25
Trichloroethene		0.15	U	0.15	1.2
Toluene		0.17	U	0.17	1.2
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
4-Methyl-2-pentanone		0.25	U	0.25	6.2
cis-1,3-Dichloropropene		0.17	U	0.17	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,3-Dichlorobenzene		0.20	U	0.20	1.2
1,4-Dichlorobenzene		0.88	J	0.14	1.2
1,2,4-Trichlorobenzene		0.24	U	0.24	1.2
1,2,3-Trichlorobenzene		0.20	U	0.20	1.2
1,2-Dichloropropane		0.19	U	0.19	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Tetrachloroethene		0.15	U	0.15	1.2
Xylenes, Total		0.83	U	0.83	3.7
1,2-Dibromo-3-Chloropropane		0.55	U *	0.55	1.2
1,1,2,2-Tetrachloroethane		0.11	U	0.11	1.2
1,1,2-Trichloroethane		0.17	U	0.17	1.2

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-39 Date Sampled: 09/13/2013 1240
Client Matrix: Solid % Moisture: 14.3 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77961.D
Dilution:	1.0			Initial Weight/Volume:	4.695 g
Analysis Date:	09/17/2013 1507			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1504				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.12	U	0.12	1.2
1,2-Dibromoethane		0.19	U	0.19	1.2
Dichlorodifluoromethane		0.27	U	0.27	1.2
Bromochloromethane		0.14	U	0.14	1.2
Bromodichloromethane		0.40	U	0.40	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 130
Toluene-d8 (Surr)	85		70 - 130
Bromofluorobenzene	78		70 - 130
Dibromofluoromethane (Surr)	78		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-39 Date Sampled: 09/13/2013 1240
Client Matrix: Solid % Moisture: 14.3 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77961.D
Dilution:	1.0			Initial Weight/Volume:	4.695 g
Analysis Date:	09/17/2013 1507			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1504				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
50876-32-9	Cyclohexane, 1,1,3,5-tetramethyl-, cis-	11.70	11	J N
1000152-47-3	trans-Decalin, 2-methyl-	12.21	15	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	12.43	26	J N
1486-75-5	Cyclododecene, (E)-	13.01	19	J N
5811-48-3	Bicyclo[2.2.1]heptan-2-one, 1,3,7,7-tetr	13.47	14	J N
15869-94-0	Octane, 3,6-dimethyl-	13.64	12	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	14.42	12	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	14.66	14	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	15.04	11	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	15.29	15	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP-091313**

Lab Sample ID: 460-62993-40FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 3.9 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181813	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77968.D
Dilution:	1.0			Initial Weight/Volume:	5.859 g
Analysis Date:	09/17/2013 1808			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1505				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.14	U	0.14	0.89
Bromomethane		0.38	U	0.38	0.89
Vinyl chloride		0.30	U	0.30	0.89
Chloroethane		0.29	U	0.29	0.89
Methylene Chloride		0.13	U	0.13	0.89
Acetone		14	B	1.5	4.4
Carbon disulfide		0.13	U	0.13	0.89
Trichlorofluoromethane		0.14	U	0.14	0.89
1,1-Dichloroethene		0.17	U	0.17	0.89
1,1-Dichloroethane		0.098	U	0.098	0.89
trans-1,2-Dichloroethene		0.12	U	0.12	0.89
cis-1,2-Dichloroethene		0.098	U	0.098	0.89
Chloroform		0.21	U	0.21	0.89
2-Butanone		0.56	U	0.56	4.4
1,2-Dichloroethane		0.16	U	0.16	0.89
1,1,1-Trichloroethane		0.12	U	0.12	0.89
Carbon tetrachloride		0.13	U	0.13	0.89
Benzene		0.13	U	0.13	0.89
Bromoform		0.15	U	0.15	0.89
Styrene		0.25	U	0.25	0.89
Ethylbenzene		0.15	U	0.15	0.89
Chlorobenzene		0.16	U	0.16	0.89
Cyclohexane		0.12	U	0.12	0.89
Isopropylbenzene		0.098	U	0.098	0.89
2-Hexanone		0.12	U	0.12	4.4
MTBE		0.098	U	0.098	0.89
Freon TF		0.098	U	0.098	0.89
Methyl acetate		0.28	U	0.28	0.89
1,4-Dioxane		11	U	11	18
Trichloroethene		0.11	U	0.11	0.89
Toluene		0.12	U	0.12	0.89
trans-1,3-Dichloropropene		0.089	U	0.089	0.89
4-Methyl-2-pentanone		0.18	U	0.18	4.4
cis-1,3-Dichloropropene		0.12	U	0.12	0.89
1,2-Dichlorobenzene		0.089	U	0.089	0.89
1,3-Dichlorobenzene		0.14	U	0.14	0.89
1,4-Dichlorobenzene		0.098	U	0.098	0.89
1,2,4-Trichlorobenzene		0.37	J	0.17	0.89
1,2,3-Trichlorobenzene		0.29	J	0.14	0.89
1,2-Dichloropropane		0.13	U	0.13	0.89
Methylcyclohexane		0.089	U	0.089	0.89
Tetrachloroethene		0.11	U	0.11	0.89
Xylenes, Total		0.60	U	0.60	2.7
1,2-Dibromo-3-Chloropropane		0.39	U	0.39	0.89
1,1,2,2-Tetrachloroethane		0.080	U	0.080	0.89
1,1,2-Trichloroethane		0.12	U	0.12	0.89

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP-091313**

Lab Sample ID: 460-62993-40FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 3.9 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181813	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77968.D
Dilution:	1.0			Initial Weight/Volume:	5.859 g
Analysis Date:	09/17/2013 1808			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1505				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.089	U	0.089	0.89
1,2-Dibromoethane		0.13	U	0.13	0.89
Dichlorodifluoromethane		0.20	U	0.20	0.89
Bromochloromethane		0.098	U	0.098	0.89
Bromodichloromethane		0.28	U	0.28	0.89

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120		70 - 130
Toluene-d8 (Surr)	112		70 - 130
Bromofluorobenzene	104		70 - 130
Dibromofluoromethane (Surr)	105		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP-091313**

Lab Sample ID: 460-62993-40FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 3.9 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181813	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77968.D
Dilution:	1.0			Initial Weight/Volume:	5.859 g
Analysis Date:	09/17/2013 1808			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1505				

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: 460-62993-1

Client Sample ID: **DUP1-091313**

Lab Sample ID: 460-62993-41FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182287	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O78120.D
Dilution:	1.0			Initial Weight/Volume:	6.296 g
Analysis Date:	09/20/2013 1544			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1506				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.14	U	0.14	0.90
Bromomethane		0.39	U	0.39	0.90
Vinyl chloride		0.31	U	0.31	0.90
Chloroethane		0.30	U	0.30	0.90
Methylene Chloride		0.14	U	0.14	0.90
Acetone		28	B	1.5	4.5
Carbon disulfide		0.14	U	0.14	0.90
Trichlorofluoromethane		0.14	U	0.14	0.90
1,1-Dichloroethene		0.17	U	0.17	0.90
1,1-Dichloroethane		0.099	U	0.099	0.90
trans-1,2-Dichloroethene		0.12	U	0.12	0.90
cis-1,2-Dichloroethene		0.099	U	0.099	0.90
Chloroform		10		0.22	0.90
2-Butanone		2.1	J	0.57	4.5
1,2-Dichloroethane		0.16	U	0.16	0.90
1,1,1-Trichloroethane		0.12	U	0.12	0.90
Carbon tetrachloride		0.14	U	0.14	0.90
Benzene		0.14	U	0.14	0.90
Bromoform		0.15	U	0.15	0.90
Styrene		0.25	U	0.25	0.90
Ethylbenzene		0.15	U	0.15	0.90
Chlorobenzene		0.16	U	0.16	0.90
Cyclohexane		0.12	U	0.12	0.90
Isopropylbenzene		0.099	U	0.099	0.90
2-Hexanone		0.12	U	0.12	4.5
MTBE		0.099	U	0.099	0.90
Freon TF		0.099	U	0.099	0.90
Methyl acetate		2.6		0.29	0.90
1,4-Dioxane		11	U	11	18
Trichloroethene		0.20	J	0.11	0.90
Toluene		0.13	U	0.13	0.90
trans-1,3-Dichloropropene		0.090	U	0.090	0.90
4-Methyl-2-pentanone		0.18	U	0.18	4.5
cis-1,3-Dichloropropene		0.13	U	0.13	0.90
1,2-Dichlorobenzene		0.090	U	0.090	0.90
1,3-Dichlorobenzene		0.14	U	0.14	0.90
1,4-Dichlorobenzene		0.099	U	0.099	0.90
1,2,4-Trichlorobenzene		21		0.17	0.90
1,2,3-Trichlorobenzene		0.14	U	0.14	0.90
1,2-Dichloropropane		0.14	U	0.14	0.90
Methylcyclohexane		0.67	J	0.090	0.90
Tetrachloroethene		6.4		0.11	0.90
Xylenes, Total		1.9	J	0.61	2.7
1,2-Dibromo-3-Chloropropane		0.40	U	0.40	0.90
1,1,2,2-Tetrachloroethane		0.081	U	0.081	0.90
1,1,2-Trichloroethane		0.13	U	0.13	0.90

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP1-091313**

Lab Sample ID: 460-62993-41FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182287	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O78120.D
Dilution:	1.0			Initial Weight/Volume:	6.296 g
Analysis Date:	09/20/2013 1544			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1506				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.090	U	0.090	0.90
1,2-Dibromoethane		0.14	U	0.14	0.90
Dichlorodifluoromethane		0.20	U	0.20	0.90
Bromochloromethane		0.099	U	0.099	0.90
Bromodichloromethane		0.29	U	0.29	0.90

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	126		70 - 130
Toluene-d8 (Surr)	106		70 - 130
Bromofluorobenzene	94		70 - 130
Dibromofluoromethane (Surr)	107		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP1-091313**

Lab Sample ID: 460-62993-41FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182287	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O78120.D
Dilution:	1.0			Initial Weight/Volume:	6.296 g
Analysis Date:	09/20/2013 1544			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1506				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
594-82-1	Butane, 2,2,3,3-tetramethyl-	3.49	1300	J N
565-75-3	Pentane, 2,3,4-trimethyl-	4.66	1500	J N
560-21-4	Pentane, 2,3,3-trimethyl-	4.78	1200	J N
16747-26-5	Hexane, 2,2,4-trimethyl-	5.28	540	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	12.45	370	J N
	Unknown	12.88	270	J
1000111-72-3	cis,trans-1,6-Dimethylspiro[4.5]decane	13.03	300	J N
1008-80-6	Naphthalene, decahydro-2,3-dimethyl-	13.32	230	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	13.48	250	J N
54340-87-3	1H-Indene, 2,3-dihydro-1,4,7-trimethyl-	13.75	220	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP2-091313**

Lab Sample ID: 460-62993-42FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 14.1 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181813	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77969.D
Dilution:	1.0			Initial Weight/Volume:	6.926 g
Analysis Date:	09/17/2013 1833			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1507				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.13	U	0.13	0.84
Bromomethane		0.36	U	0.36	0.84
Vinyl chloride		0.29	U	0.29	0.84
Chloroethane		0.28	U	0.28	0.84
Methylene Chloride		0.13	U	0.13	0.84
Acetone		1.9	J B	1.4	4.2
Carbon disulfide		0.18	J	0.13	0.84
Trichlorofluoromethane		0.13	U	0.13	0.84
1,1-Dichloroethene		0.16	U	0.16	0.84
1,1-Dichloroethane		0.092	U	0.092	0.84
trans-1,2-Dichloroethene		0.11	U	0.11	0.84
cis-1,2-Dichloroethene		0.092	U	0.092	0.84
Chloroform		2.0		0.20	0.84
2-Butanone		0.53	U	0.53	4.2
1,2-Dichloroethane		0.15	U	0.15	0.84
1,1,1-Trichloroethane		0.11	U	0.11	0.84
Carbon tetrachloride		0.13	U	0.13	0.84
Benzene		0.13	U	0.13	0.84
Bromoform		0.14	U	0.14	0.84
Styrene		0.24	U	0.24	0.84
Ethylbenzene		0.14	U	0.14	0.84
Chlorobenzene		0.15	U	0.15	0.84
Cyclohexane		0.11	U	0.11	0.84
Isopropylbenzene		0.092	U	0.092	0.84
2-Hexanone		0.11	U	0.11	4.2
MTBE		0.092	U	0.092	0.84
Freon TF		0.092	U	0.092	0.84
Methyl acetate		0.27	U	0.27	0.84
1,4-Dioxane		11	U	11	17
Trichloroethene		0.10	U	0.10	0.84
Toluene		0.12	U	0.12	0.84
trans-1,3-Dichloropropene		0.084	U	0.084	0.84
4-Methyl-2-pentanone		0.17	U	0.17	4.2
cis-1,3-Dichloropropene		0.12	U	0.12	0.84
1,2-Dichlorobenzene		0.084	U	0.084	0.84
1,3-Dichlorobenzene		0.13	U	0.13	0.84
1,4-Dichlorobenzene		0.53	J	0.092	0.84
1,2,4-Trichlorobenzene		0.16	U	0.16	0.84
1,2,3-Trichlorobenzene		0.13	U	0.13	0.84
1,2-Dichloropropane		0.13	U	0.13	0.84
Methylcyclohexane		0.19	J	0.084	0.84
Tetrachloroethene		0.10	U	0.10	0.84
Xylenes, Total		0.56	U	0.56	2.5
1,2-Dibromo-3-Chloropropane		0.37	U	0.37	0.84
1,1,2,2-Tetrachloroethane		0.076	U	0.076	0.84
1,1,2-Trichloroethane		0.12	U	0.12	0.84

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP2-091313**

Lab Sample ID: 460-62993-42FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 14.1 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181813	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77969.D
Dilution:	1.0			Initial Weight/Volume:	6.926 g
Analysis Date:	09/17/2013 1833			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1507				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 130
Toluene-d8 (Surr)	106		70 - 130
Bromofluorobenzene	98		70 - 130
Dibromofluoromethane (Surr)	102		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP2-091313**

Lab Sample ID: 460-62993-42FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 14.1 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181813	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77969.D
Dilution:	1.0			Initial Weight/Volume:	6.926 g
Analysis Date:	09/17/2013 1833			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1507				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
540-84-1	Pentane, 2,2,4-trimethyl-	3.47	10	J N
	Unknown	12.21	5.1	J
	Unknown	12.70	5.1	J
112-40-3	Dodecane	12.99	6.3	J N
	Unknown	13.47	6.6	J
61141-72-8	Dodecane, 4,6-dimethyl-	13.65	6.5	J N
629-50-5	Tridecane	13.85	7.4	J N
	Unknown	14.35	5.1	J
629-59-4	Tetradecane	14.56	6.1	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	14.66	5.8	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP3-091313**

Lab Sample ID: 460-62993-43FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 17.9 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181813	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77970.D
Dilution:	1.0			Initial Weight/Volume:	4.917 g
Analysis Date:	09/17/2013 1858			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1508				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.20	U	0.20	1.2
Bromomethane		0.53	U	0.53	1.2
Vinyl chloride		0.42	U	0.42	1.2
Chloroethane		0.41	U	0.41	1.2
Methylene Chloride		0.19	U	0.19	1.2
Acetone		2.9	J B	2.1	6.2
Carbon disulfide		0.19	U	0.19	1.2
Trichlorofluoromethane		0.20	U	0.20	1.2
1,1-Dichloroethene		0.24	U	0.24	1.2
1,1-Dichloroethane		0.14	U	0.14	1.2
trans-1,2-Dichloroethene		0.16	U	0.16	1.2
cis-1,2-Dichloroethene		0.14	U	0.14	1.2
Chloroform		4.2		0.30	1.2
2-Butanone		0.78	U	0.78	6.2
1,2-Dichloroethane		0.22	U	0.22	1.2
1,1,1-Trichloroethane		0.16	U	0.16	1.2
Carbon tetrachloride		0.19	U	0.19	1.2
Benzene		0.19	U	0.19	1.2
Bromoform		0.26	J	0.21	1.2
Styrene		0.35	U	0.35	1.2
Ethylbenzene		0.21	U	0.21	1.2
Chlorobenzene		0.22	U	0.22	1.2
Cyclohexane		0.16	U	0.16	1.2
Isopropylbenzene		0.14	U	0.14	1.2
2-Hexanone		0.16	U	0.16	6.2
MTBE		0.14	U	0.14	1.2
Freon TF		0.14	U	0.14	1.2
Methyl acetate		0.40	U	0.40	1.2
1,4-Dioxane		16	U	16	25
Trichloroethene		0.15	U	0.15	1.2
Toluene		0.17	U	0.17	1.2
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
4-Methyl-2-pentanone		0.25	U	0.25	6.2
cis-1,3-Dichloropropene		0.17	U	0.17	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,3-Dichlorobenzene		0.20	U	0.20	1.2
1,4-Dichlorobenzene		0.96	J	0.14	1.2
1,2,4-Trichlorobenzene		0.24	U	0.24	1.2
1,2,3-Trichlorobenzene		0.20	U	0.20	1.2
1,2-Dichloropropane		0.19	U	0.19	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Tetrachloroethene		0.15	U	0.15	1.2
Xylenes, Total		0.83	U	0.83	3.7
1,2-Dibromo-3-Chloropropane		0.55	U	0.55	1.2
1,1,2,2-Tetrachloroethane		0.11	U	0.11	1.2
1,1,2-Trichloroethane		0.17	U	0.17	1.2

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP3-091313**

Lab Sample ID: 460-62993-43FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 17.9 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181813	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77970.D
Dilution:	1.0			Initial Weight/Volume:	4.917 g
Analysis Date:	09/17/2013 1858			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1508				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.26	J	0.12	1.2
1,2-Dibromoethane		0.19	U	0.19	1.2
Dichlorodifluoromethane		0.27	U	0.27	1.2
Bromochloromethane		0.14	U	0.14	1.2
Bromodichloromethane		0.55	J	0.40	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 130
Toluene-d8 (Surr)	112		70 - 130
Bromofluorobenzene	104		70 - 130
Dibromofluoromethane (Surr)	103		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP3-091313**

Lab Sample ID: 460-62993-43FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 17.9 Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181813	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-181352	Lab File ID:	O77970.D
Dilution:	1.0			Initial Weight/Volume:	4.917 g
Analysis Date:	09/17/2013 1858			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1508				

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: 460-62993-1

Client Sample ID: **FB-091313**

Lab Sample ID: 460-62993-44FB Date Sampled: 09/13/2013 1300
Client Matrix: Water Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181697	Instrument ID:	CVOAMS8
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	J04344.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2013 1755			Final Weight/Volume:	5 mL
Prep Date:	09/17/2013 1755				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	0.10	U	0.10	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
Chloroform	0.080	U	0.080	1.0
2-Butanone	2.3	U	2.3	5.0
1,2-Dichloroethane	0.19	U	0.19	1.0
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
Bromoform	0.19	U	0.19	1.0
Styrene	0.12	U	0.12	1.0
Ethylbenzene	0.10	U	0.10	1.0
Chlorobenzene	0.11	U	0.11	1.0
Cyclohexane	0.16	U	0.16	1.0
Isopropylbenzene	0.080	U	0.080	1.0
2-Hexanone	0.50	U	0.50	5.0
MTBE	0.14	U	0.14	1.0
Freon TF	0.080	U	0.080	1.0
Methyl acetate	0.34	U	0.34	2.0
1,4-Dioxane	36	U	36	50
Trichloroethene	0.090	U	0.090	1.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
4-Methyl-2-pentanone	0.99	U	0.99	5.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0
1,2,3-Trichlorobenzene	0.51	U	0.51	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Tetrachloroethene	0.10	U	0.10	1.0
Xylenes, Total	0.13	U	0.13	3.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **FB-091313**

Lab Sample ID: 460-62993-44FB Date Sampled: 09/13/2013 1300
Client Matrix: Water Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181697	Instrument ID:	CVOAMS8
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	J04344.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2013 1755			Final Weight/Volume:	5 mL
Prep Date:	09/17/2013 1755				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibromochloromethane	0.20	U	0.20	1.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.27	U	0.27	1.0
Bromodichloromethane	0.12	U	0.12	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 130
Toluene-d8 (Surr)	93		70 - 130
Bromofluorobenzene	99		70 - 130
Dibromofluoromethane (Surr)	104		70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **FB-091313**

Lab Sample ID: 460-62993-44FB Date Sampled: 09/13/2013 1300
Client Matrix: Water Date Received: 09/13/2013 1617

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181697	Instrument ID:	CVOAMS8
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	J04344.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2013 1755			Final Weight/Volume:	5 mL
Prep Date:	09/17/2013 1755				

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: 460-62993-1

Client Sample ID: **PMP-6SE-VD**

Lab Sample ID: 460-62993-1 Date Sampled: 09/13/2013 0820
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2370.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/20/2013 0614			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		59	U	59	350
4-Methylphenol		69	U	69	350
Benzaldehyde		41	U	41	350
Acetophenone		53	U	53	350
Bis(2-chloroethyl)ether		4.7	U	4.7	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
Nitrobenzene		4.9	U	4.9	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		42	U	42	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		86	U	86	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		40	U	40	350
4-Chloroaniline		92	U	92	350
Hexachlorobutadiene		8.5	U	8.5	71
Caprolactam		80	U	80	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	710
2,6-Dinitrotoluene		10	U	10	71
Dimethyl phthalate		41	U	41	350
Acenaphthylene		41	U	41	350
3-Nitroaniline		120	U	120	710
Acenaphthene		51	U	51	350
4-Nitrophenol		220	U	220	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		41	U	41	350
Diethyl phthalate		41	U	41	350
Fluorene		45	U	45	350
Fluoranthene		46	U	46	350
Di-n-butyl phthalate		43	U	43	350
2,4-Dinitrotoluene		11	U	11	71
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
4,6-Dinitro-2-methylphenol		95	U	95	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-VD**

Lab Sample ID: 460-62993-1 Date Sampled: 09/13/2013 0820
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2370.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/20/2013 0614			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		54	U	54	350
Anthracene		42	U	42	350
Carbazole		41	U	41	350
Phenanthrene		44	U	44	350
Pentachlorophenol		100	U	100	1100
Pyrene		29	U	29	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.6	U	2.6	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.4	U	2.4	35
N-Nitrosodiphenylamine		34	U	34	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	710
1,2,4,5-Tetrachlorobenzene		47	U	47	350
2,3,4,6-Tetrachlorophenol		45	U	45	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	70		38 - 105
Phenol-d5	82		41 - 118
Terphenyl-d14	91		16 - 151
2,4,6-Tribromophenol	79		10 - 120
2-Fluorophenol	74		37 - 125
2-Fluorobiphenyl	74		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-VD**

Lab Sample ID: 460-62993-1 Date Sampled: 09/13/2013 0820
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2370.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/20/2013 0614			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			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: 460-62993-1

Client Sample ID: **PMP-6SE-WT**

Lab Sample ID: 460-62993-2 Date Sampled: 09/13/2013 0825
Client Matrix: Solid % Moisture: 9.8 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2371.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 0639			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		49	U	49	370
2-Chlorophenol		48	U	48	370
2-Methylphenol		62	U	62	370
4-Methylphenol		72	U	72	370
Benzaldehyde		43	U	43	370
Acetophenone		56	U	56	370
Bis(2-chloroethyl)ether		5.0	U	5.0	37
2,2'-oxybis[1-chloropropane]		41	U	41	370
N-Nitrosodi-n-propylamine		6.1	U	6.1	37
Nitrobenzene		5.2	U	5.2	37
Hexachloroethane		4.1	U	4.1	37
Isophorone		44	U	44	370
2-Nitrophenol		41	U	41	370
2,4-Dimethylphenol		90	U	90	370
2,4-Dichlorophenol		54	U	54	370
Bis(2-chloroethoxy)methane		47	U	47	370
Naphthalene		42	U	42	370
4-Chloroaniline		97	U	97	370
Hexachlorobutadiene		8.9	U	8.9	74
Caprolactam		84	U	84	370
4-Chloro-3-methylphenol		55	U	55	370
2-Methylnaphthalene		67	J	47	370
Hexachlorobenzene		5.0	U	5.0	37
Hexachlorocyclopentadiene		43	U	43	370
2,4,6-Trichlorophenol		43	U	43	370
2,4,5-Trichlorophenol		47	U	47	370
Diphenyl		49	U	49	370
2-Chloronaphthalene		41	U	41	370
2-Nitroaniline		150	U	150	740
2,6-Dinitrotoluene		11	U	11	74
Dimethyl phthalate		43	U	43	370
Acenaphthylene		43	U	43	370
3-Nitroaniline		130	U	130	740
Acenaphthene		53	U	53	370
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		43	U	43	370
Diethyl phthalate		44	U	44	370
Fluorene		47	U	47	370
Fluoranthene		49	U	49	370
Di-n-butyl phthalate		45	U	45	370
2,4-Dinitrotoluene		12	U	12	74
4-Chlorophenyl phenyl ether		43	U	43	370
4-Nitroaniline		110	U	110	740
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		36	U	36	370

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-WT**

Lab Sample ID: 460-62993-2 Date Sampled: 09/13/2013 0825
Client Matrix: Solid % Moisture: 9.8 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2371.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 0639			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		57	U	57	370
Anthracene		45	U	45	370
Carbazole		43	U	43	370
Phenanthrene		47	U	47	370
Pentachlorophenol		110	U	110	1100
Pyrene		110	J	31	370
Chrysene		43	U	43	370
Benzo[k]fluoranthene		2.8	U	2.8	37
Benzo[g,h,i]perylene		27	U	27	370
Benzo[b]fluoranthene		2.3	U	2.3	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[a]anthracene		2.6	U	2.6	37
N-Nitrosodiphenylamine		36	U	36	370
Butyl benzyl phthalate		34	U	34	370
Bis(2-ethylhexyl) phthalate		120	U	120	370
Di-n-octyl phthalate		23	U	23	370
Indeno[1,2,3-cd]pyrene		6.8	U	6.8	37
Dibenz(a,h)anthracene		4.6	U	4.6	37
3,3'-Dichlorobenzidine		130	U	130	740
1,2,4,5-Tetrachlorobenzene		49	U	49	370
2,3,4,6-Tetrachlorophenol		48	U	48	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	72		38 - 105
Phenol-d5	77		41 - 118
Terphenyl-d14	65		16 - 151
2,4,6-Tribromophenol	104		10 - 120
2-Fluorophenol	71		37 - 125
2-Fluorobiphenyl	71		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-WT**

Lab Sample ID: 460-62993-2 Date Sampled: 09/13/2013 0825
Client Matrix: Solid % Moisture: 9.8 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2371.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 0639			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-3	6.96	27000	J
	Unknown Alkane-4	7.29	21000	J
	Unknown Alkane-5	7.50	13000	J
	Unknown Alkane-6	8.00	15000	J
	Unknown Alkane-7	8.22	20000	J
	Unknown Alkane-8	8.29	13000	J
	Unknown Alkane-9	8.46	45000	J
	Unknown-3	8.49	20000	J
	Unknown-4	8.51	14000	J
	Dichloro-1,1-biphenyl isomer	8.59	12000	J
	Unknown-5	8.66	23000	J
	Unknown-6	8.78	18000	J
	Trichloro-1,1-biphenyl isomer-1	8.93	28000	J
	Unknown Alkane-11	9.31	16000	J
	Trichloro-1,1-biphenyl isomer-2	9.35	22000	J

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-SI**

Lab Sample ID: 460-62993-3 Date Sampled: 09/13/2013 0830
Client Matrix: Solid % Moisture: 14.2 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2372.d
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 0703			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		260	U	260	1900
2-Chlorophenol		250	U	250	1900
2-Methylphenol		330	U	330	1900
4-Methylphenol		380	U	380	1900
Benzaldehyde		230	U	230	1900
Acetophenone		300	U	300	1900
Bis(2-chloroethyl)ether		26	U	26	190
2,2'-oxybis[1-chloropropane]		210	U	210	1900
N-Nitrosodi-n-propylamine		32	U	32	190
Nitrobenzene		27	U	27	190
Hexachloroethane		21	U	21	190
Isophorone		230	U	230	1900
2-Nitrophenol		210	U	210	1900
2,4-Dimethylphenol		480	U	480	1900
2,4-Dichlorophenol		280	U	280	1900
Bis(2-chloroethoxy)methane		250	U	250	1900
Naphthalene		220	U	220	1900
4-Chloroaniline		510	U	510	1900
Hexachlorobutadiene		47	U	47	390
Caprolactam		440	U	440	1900
4-Chloro-3-methylphenol		290	U	290	1900
2-Methylnaphthalene		250	U	250	1900
Hexachlorobenzene		26	U	26	190
Hexachlorocyclopentadiene		230	U	230	1900
2,4,6-Trichlorophenol		230	U	230	1900
2,4,5-Trichlorophenol		250	U	250	1900
Diphenyl		260	U	260	1900
2-Chloronaphthalene		210	U	210	1900
2-Nitroaniline		800	U	800	3900
2,6-Dinitrotoluene		58	U	58	390
Dimethyl phthalate		230	U	230	1900
Acenaphthylene		230	U	230	1900
3-Nitroaniline		680	U	680	3900
Acenaphthene		280	U	280	1900
4-Nitrophenol		1200	U	1200	5800
2,4-Dinitrophenol		1100	U	1100	5800
Dibenzofuran		230	U	230	1900
Diethyl phthalate		230	U	230	1900
Fluorene		250	U	250	1900
Fluoranthene		260	U	260	1900
Di-n-butyl phthalate		240	U	240	1900
2,4-Dinitrotoluene		64	U	64	390
4-Chlorophenyl phenyl ether		230	U	230	1900
4-Nitroaniline		600	U	600	3900
4,6-Dinitro-2-methylphenol		520	U	520	5800
4-Bromophenyl phenyl ether		190	U	190	1900

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-SI**

Lab Sample ID: 460-62993-3 Date Sampled: 09/13/2013 0830
Client Matrix: Solid % Moisture: 14.2 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2372.d
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 0703			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		300	U	300	1900
Anthracene		230	U	230	1900
Carbazole		230	U	230	1900
Phenanthrene		910	J	250	1900
Pentachlorophenol		580	U	580	5800
Pyrene		160	U	160	1900
Chrysene		220	U	220	1900
Benzo[k]fluoranthene		15	U	15	190
Benzo[g,h,i]perylene		140	U	140	1900
Benzo[b]fluoranthene		12	U	12	190
Benzo[a]pyrene		14	U	14	190
Benzo[a]anthracene		13	U	13	190
N-Nitrosodiphenylamine		190	U	190	1900
Butyl benzyl phthalate		180	U	180	1900
Bis(2-ethylhexyl) phthalate		640	U	640	1900
Di-n-octyl phthalate		120	U	120	1900
Indeno[1,2,3-cd]pyrene		36	U	36	190
Dibenz(a,h)anthracene		24	U	24	190
3,3'-Dichlorobenzidine		680	U	680	3900
1,2,4,5-Tetrachlorobenzene		260	U	260	1900
2,3,4,6-Tetrachlorophenol		250	U	250	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	62		38 - 105
Phenol-d5	69		41 - 118
Terphenyl-d14	72		16 - 151
2,4,6-Tribromophenol	72		10 - 120
2-Fluorophenol	68		37 - 125
2-Fluorobiphenyl	74		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-SI**

Lab Sample ID: 460-62993-3 Date Sampled: 09/13/2013 0830
Client Matrix: Solid % Moisture: 14.2 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2372.d
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 0703			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-2	7.25	5900	J
	Unknown Alkane-3	7.69	3300	J
	Unknown-3	7.78	4900	J
	Unknown Alkane-4	8.18	16000	J
	Unknown Alkane-5	8.25	4800	J
	Unknown Alkane-6	8.44	37000	J
	Unknown Alkane-7	8.62	6200	J
	Unknown Alkane/Unknown	8.65	3700	J
	Unknown Alkane-9	8.74	5800	J
	Unknown Alkane-10	8.89	19000	J
	Unknown Alkane-12	9.24	3800	J
	Trichloro-1,1-biphenyl isomer-2	9.32	7600	J
	Trichloro-1,1-biphenyl isomer-4	9.46	3800	J
	C15H12 PAH	9.50	3400	J
	Tetrachloro-1,1-biphenyl isomer	9.59	5100	J

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-VD**

Lab Sample ID: 460-62993-4 Date Sampled: 09/13/2013 0835
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2373.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/20/2013 0728			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		59	U	59	350
4-Methylphenol		68	U	68	350
Benzaldehyde		41	U	41	350
Acetophenone		53	U	53	350
Bis(2-chloroethyl)ether		4.7	U	4.7	35
2,2'-oxybis[1-chloropropane]		38	U	38	350
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
Nitrobenzene		4.9	U	4.9	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		42	U	42	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		85	U	85	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		40	U	40	350
4-Chloroaniline		92	U	92	350
Hexachlorobutadiene		8.4	U	8.4	70
Caprolactam		80	U	80	350
4-Chloro-3-methylphenol		52	U	52	350
2-Methylnaphthalene		44	U	44	350
Hexachlorobenzene		4.7	U	4.7	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		46	U	46	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		140	U	140	700
2,6-Dinitrotoluene		10	U	10	70
Dimethyl phthalate		41	U	41	350
Acenaphthylene		41	U	41	350
3-Nitroaniline		120	U	120	700
Acenaphthene		50	U	50	350
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		200	U	200	1000
Dibenzofuran		41	U	41	350
Diethyl phthalate		41	U	41	350
Fluorene		44	U	44	350
Fluoranthene		46	U	46	350
Di-n-butyl phthalate		43	U	43	350
2,4-Dinitrotoluene		11	U	11	70
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	700
4,6-Dinitro-2-methylphenol		94	U	94	1000
4-Bromophenyl phenyl ether		34	U	34	350

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-VD**

Lab Sample ID: 460-62993-4 Date Sampled: 09/13/2013 0835
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2373.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/20/2013 0728			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		53	U	53	350
Anthracene		42	U	42	350
Carbazole		41	U	41	350
Phenanthrene		44	U	44	350
Pentachlorophenol		100	U	100	1000
Pyrene		29	U	29	350
Chrysene		40	U	40	350
Benzo[k]fluoranthene		2.6	U	2.6	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.4	U	2.4	35
Benzo[a]anthracene		2.4	U	2.4	35
N-Nitrosodiphenylamine		34	U	34	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	700
1,2,4,5-Tetrachlorobenzene		47	U	47	350
2,3,4,6-Tetrachlorophenol		45	U	45	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	60		38 - 105
Phenol-d5	72		41 - 118
Terphenyl-d14	83		16 - 151
2,4,6-Tribromophenol	69		10 - 120
2-Fluorophenol	66		37 - 125
2-Fluorobiphenyl	65		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-VD**

Lab Sample ID: 460-62993-4 Date Sampled: 09/13/2013 0835
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2373.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/20/2013 0728			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			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: 460-62993-1

Client Sample ID: **PMP-5SE-WT**

Lab Sample ID: 460-62993-5 Date Sampled: 09/13/2013 0840
Client Matrix: Solid % Moisture: 9.8 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2374.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/20/2013 0753			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		49	U	49	360
2-Chlorophenol		48	U	48	360
2-Methylphenol		62	U	62	360
4-Methylphenol		72	U	72	360
Benzaldehyde		43	U	43	360
Acetophenone		56	U	56	360
Bis(2-chloroethyl)ether		5.0	U	5.0	36
2,2'-oxybis[1-chloropropane]		40	U	40	360
N-Nitrosodi-n-propylamine		6.1	U	6.1	36
Nitrobenzene		5.2	U	5.2	36
Hexachloroethane		4.1	U	4.1	36
Isophorone		44	U	44	360
2-Nitrophenol		41	U	41	360
2,4-Dimethylphenol		90	U	90	360
2,4-Dichlorophenol		54	U	54	360
Bis(2-chloroethoxy)methane		47	U	47	360
Naphthalene		42	U	42	360
4-Chloroaniline		97	U	97	360
Hexachlorobutadiene		8.9	U	8.9	74
Caprolactam		84	U	84	360
4-Chloro-3-methylphenol		55	U	55	360
2-Methylnaphthalene		95	J	47	360
Hexachlorobenzene		5.0	U	5.0	36
Hexachlorocyclopentadiene		43	U	43	360
2,4,6-Trichlorophenol		43	U	43	360
2,4,5-Trichlorophenol		47	U	47	360
Diphenyl		49	U	49	360
2-Chloronaphthalene		41	U	41	360
2-Nitroaniline		150	U	150	740
2,6-Dinitrotoluene		11	U	11	74
Dimethyl phthalate		43	U	43	360
Acenaphthylene		43	U	43	360
3-Nitroaniline		130	U	130	740
Acenaphthene		53	U	53	360
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		43	U	43	360
Diethyl phthalate		44	U	44	360
Fluorene		47	U	47	360
Fluoranthene		49	U	49	360
Di-n-butyl phthalate		45	U	45	360
2,4-Dinitrotoluene		12	U	12	74
4-Chlorophenyl phenyl ether		43	U	43	360
4-Nitroaniline		110	U	110	740
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		36	U	36	360

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-WT**

Lab Sample ID: 460-62993-5 Date Sampled: 09/13/2013 0840
Client Matrix: Solid % Moisture: 9.8 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2374.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/20/2013 0753			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		57	U	57	360
Anthracene		44	U	44	360
Carbazole		43	U	43	360
Phenanthrene		740		47	360
Pentachlorophenol		110	U	110	1100
Pyrene		73	J	31	360
Chrysene		43	U	43	360
Benzo[k]fluoranthene		2.8	U	2.8	36
Benzo[g,h,i]perylene		27	U	27	360
Benzo[b]fluoranthene		2.3	U	2.3	36
Benzo[a]pyrene		2.6	U	2.6	36
Benzo[a]anthracene		2.6	U	2.6	36
N-Nitrosodiphenylamine		36	U	36	360
Butyl benzyl phthalate		34	U	34	360
Bis(2-ethylhexyl) phthalate		120	U	120	360
Di-n-octyl phthalate		23	U	23	360
Indeno[1,2,3-cd]pyrene		6.8	U	6.8	36
Dibenz(a,h)anthracene		4.6	U	4.6	36
3,3'-Dichlorobenzidine		130	U	130	740
1,2,4,5-Tetrachlorobenzene		49	U	49	360
2,3,4,6-Tetrachlorophenol		48	U	48	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	77		38 - 105
Phenol-d5	79		41 - 118
Terphenyl-d14	71		16 - 151
2,4,6-Tribromophenol	93		10 - 120
2-Fluorophenol	77		37 - 125
2-Fluorobiphenyl	82		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-WT**

Lab Sample ID: 460-62993-5 Date Sampled: 09/13/2013 0840
Client Matrix: Solid % Moisture: 9.8 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2374.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/20/2013 0753			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-2	7.26	6100	J
	Unknown Alkane-3	7.47	6100	J
	Unknown Alkane-5	7.97	5100	J
	Unknown Alkane-6	8.19	14000	J
	Unknown Alkane-7	8.27	7400	J
	Unknown Alkane-8	8.46	48000	J
	Dichloro-1,1-biphenyl isomer	8.57	5000	J
	Unknown Alkane-9	8.63	12000	J
	Unknown-6	8.66	5100	J
	Unknown Alkane-10	8.72	5000	J
	Unknown Alkane-11	8.76	8400	J
	Unknown Alkane-12	8.92	26000	J
	Unknown Alkane-15	9.25	6000	J
	Trichloro-1,1-biphenyl isomer-1	9.33	9700	J
	Tetrachloro-1,1-biphenyl isomer	9.60	6700	J

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-SI**

Lab Sample ID: 460-62993-6 Date Sampled: 09/13/2013 0845
Client Matrix: Solid % Moisture: 12.4 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2375.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/20/2013 0818			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		51	U	51	380
2-Chlorophenol		50	U	50	380
2-Methylphenol		64	U	64	380
4-Methylphenol		74	U	74	380
Benzaldehyde		44	U	44	380
Acetophenone		58	U	58	380
Bis(2-chloroethyl)ether		5.1	U	5.1	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.3	U	6.3	38
Nitrobenzene		5.3	U	5.3	38
Hexachloroethane		4.2	U	4.2	38
Isophorone		46	U	46	380
2-Nitrophenol		42	U	42	380
2,4-Dimethylphenol		93	U	93	380
2,4-Dichlorophenol		55	U	55	380
Bis(2-chloroethoxy)methane		49	U	49	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.2	U	9.2	76
Caprolactam		87	U	87	380
4-Chloro-3-methylphenol		57	U	57	380
2-Methylnaphthalene		48	U	48	380
Hexachlorobenzene		5.1	U	5.1	38
Hexachlorocyclopentadiene		44	U	44	380
2,4,6-Trichlorophenol		44	U	44	380
2,4,5-Trichlorophenol		49	U	49	380
Diphenyl		50	U	50	380
2-Chloronaphthalene		42	U	42	380
2-Nitroaniline		160	U	160	760
2,6-Dinitrotoluene		11	U	11	76
Dimethyl phthalate		45	U	45	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		130	U	130	760
Acenaphthene		55	U	55	380
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		44	U	44	380
Diethyl phthalate		45	U	45	380
Fluorene		48	U	48	380
Fluoranthene		50	U	50	380
Di-n-butyl phthalate		110	J	46	380
2,4-Dinitrotoluene		12	U	12	76
4-Chlorophenyl phenyl ether		44	U	44	380
4-Nitroaniline		120	U	120	760
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		37	U	37	380

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-SI**

Lab Sample ID: 460-62993-6 Date Sampled: 09/13/2013 0845
Client Matrix: Solid % Moisture: 12.4 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2375.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/20/2013 0818			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		58	U	58	380
Anthracene		46	U	46	380
Carbazole		45	U	45	380
Phenanthrene		650		48	380
Pentachlorophenol		110	U	110	1100
Pyrene		74	J	32	380
Chrysene		44	U	44	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.6	U	2.6	38
N-Nitrosodiphenylamine		37	U	37	380
Butyl benzyl phthalate		34	U	34	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		24	U	24	380
Indeno[1,2,3-cd]pyrene		7.0	U	7.0	38
Dibenz(a,h)anthracene		4.7	U	4.7	38
3,3'-Dichlorobenzidine		130	U	130	760
1,2,4,5-Tetrachlorobenzene		51	U	51	380
2,3,4,6-Tetrachlorophenol		49	U	49	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	75		38 - 105
Phenol-d5	78		41 - 118
Terphenyl-d14	69		16 - 151
2,4,6-Tribromophenol	84		10 - 120
2-Fluorophenol	75		37 - 125
2-Fluorobiphenyl	79		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-SI**

Lab Sample ID: 460-62993-6 Date Sampled: 09/13/2013 0845
Client Matrix: Solid % Moisture: 12.4 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2375.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/20/2013 0818			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-3	7.26	4400	J
	Unknown Alkane-7	7.79	2200	J
	Unknown-1	8.01	2500	J
	Unknown Alkane-9	8.19	7800	J
	Unknown Alkane-10	8.46	44000	J
	Unknown-4	8.50	4500	J
	Dichloro-1,1-biphenyl isomer	8.56	4500	J
	Unknown Alkane-11	8.63	9700	J
	Unknown Alkane/Unknown	8.66	4800	J
	Unknown-5	8.76	6800	J
	Unknown Alkane-12	8.91	22000	J
	Unknown Alkane-13	9.25	5700	J
	Trichloro-1,1-biphenyl isomer	9.33	9700	J
	C15H12 PAH-1	9.48	5600	J
	C15H12 PAH-2	9.59	7000	J

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-VS**

Lab Sample ID: 460-62993-7 Date Sampled: 09/13/2013 0850
Client Matrix: Solid % Moisture: 4.1 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2395.d
Dilution:	2.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 1638			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		93	U	93	690
2-Chlorophenol		91	U	91	690
2-Methylphenol		120	U	120	690
4-Methylphenol		140	U	140	690
Benzaldehyde		81	U	81	690
Acetophenone		110	U	110	690
Bis(2-chloroethyl)ether		9.4	U	9.4	69
2,2'-oxybis[1-chloropropane]		76	U	76	690
N-Nitrosodi-n-propylamine		12	U	12	69
Nitrobenzene		9.8	U	9.8	69
Hexachloroethane		7.7	U	7.7	69
Isophorone		84	U	84	690
2-Nitrophenol		77	U	77	690
2,4-Dimethylphenol		170	U	170	690
2,4-Dichlorophenol		100	U	100	690
Bis(2-chloroethoxy)methane		89	U	89	690
Naphthalene		80	U	80	690
4-Chloroaniline		180	U	180	690
Hexachlorobutadiene		17	U	17	140
Caprolactam		160	U	160	690
4-Chloro-3-methylphenol		100	U	100	690
2-Methylnaphthalene		89	U	89	690
Hexachlorobenzene		9.4	U	9.4	69
Hexachlorocyclopentadiene		81	U	81	690
2,4,6-Trichlorophenol		81	U	81	690
2,4,5-Trichlorophenol		89	U	89	690
Diphenyl		92	U	92	690
2-Chloronaphthalene		77	U	77	690
2-Nitroaniline		290	U	290	1400
2,6-Dinitrotoluene		21	U	21	140
Dimethyl phthalate		82	U	82	690
Acenaphthylene		81	U	81	690
3-Nitroaniline		240	U	240	1400
Acenaphthene		100	U	100	690
4-Nitrophenol		440	U	440	2100
2,4-Dinitrophenol		390	U	390	2100
Dibenzofuran		81	U	81	690
Diethyl phthalate		82	U	82	690
Fluorene		88	U	88	690
Fluoranthene		92	U	92	690
Di-n-butyl phthalate		85	U	85	690
2,4-Dinitrotoluene		23	U	23	140
4-Chlorophenyl phenyl ether		81	U	81	690
4-Nitroaniline		210	U	210	1400
4,6-Dinitro-2-methylphenol		190	U	190	2100
4-Bromophenyl phenyl ether		68	U	68	690

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-VS**

Lab Sample ID: 460-62993-7 Date Sampled: 09/13/2013 0850
Client Matrix: Solid % Moisture: 4.1 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2395.d
Dilution:	2.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 1638			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		110	U	110	690
Anthracene		84	U	84	690
Carbazole		81	U	81	690
Phenanthrene		88	U	88	690
Pentachlorophenol		210	U	210	2100
Pyrene		58	U	58	690
Chrysene		80	U	80	690
Benzo[k]fluoranthene		5.2	U	5.2	69
Benzo[g,h,i]perylene		51	U	51	690
Benzo[b]fluoranthene		17	J	4.4	69
Benzo[a]pyrene		4.9	U	4.9	69
Benzo[a]anthracene		4.8	U	4.8	69
N-Nitrosodiphenylamine		68	U	68	690
Butyl benzyl phthalate		63	U	63	690
Bis(2-ethylhexyl) phthalate		230	U	230	690
Di-n-octyl phthalate		44	U	44	690
Indeno[1,2,3-cd]pyrene		13	U	13	69
Dibenz(a,h)anthracene		8.7	U	8.7	69
3,3'-Dichlorobenzidine		240	U	240	1400
1,2,4,5-Tetrachlorobenzene		93	U	93	690
2,3,4,6-Tetrachlorophenol		90	U	90	690

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	73		38 - 105
Phenol-d5	67		41 - 118
Terphenyl-d14	63		16 - 151
2,4,6-Tribromophenol	65		10 - 120
2-Fluorophenol	70		37 - 125
2-Fluorobiphenyl	87		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-VS**

Lab Sample ID: 460-62993-7 Date Sampled: 09/13/2013 0850
Client Matrix: Solid % Moisture: 4.1 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2395.d
Dilution:	2.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 1638			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	8.43	870	J
	Trichloro-1,1-biphenyl isomer-1	8.91	3700	J
	Unknown	8.93	1100	J
	Trichloro-1,1-biphenyl isomer-2	9.08	2100	J
	Trichloro-1,1-biphenyl isomer-4	9.32	5300	J
	Trichloro-1,1-biphenyl isomer-5	9.39	1200	J
	Trichloro-1,1-biphenyl isomer-6	9.46	1100	J
	Tetrachloro-1,1-biphenyl isomer-1	9.59	1900	J
	Tetrachloro-1,1-biphenyl isomer-2	9.62	1300	J
	Unknown	9.65	1100	J
	Tetrachloro-1,1-biphenyl isomer-3	9.75	1700	J
	Tetrachloro-1,1-biphenyl isomer-6	9.86	1300	J
	Tetrachloro-1,1-biphenyl isomer-8	10.08	1600	J
	Pentachloro-1,1'-biphenyl isomer-1	10.10	2000	J
	Tetrachloro-1,1-biphenyl isomer-9	10.23	1200	J

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-VD**

Lab Sample ID: 460-62993-8 Date Sampled: 09/13/2013 0855
Client Matrix: Solid % Moisture: 3.6 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2376.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/20/2013 0843			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	340
2-Chlorophenol		45	U	45	340
2-Methylphenol		58	U	58	340
4-Methylphenol		67	U	67	340
Benzaldehyde		40	U	40	340
Acetophenone		53	U	53	340
Bis(2-chloroethyl)ether		4.7	U	4.7	34
2,2'-oxybis[1-chloropropane]		38	U	38	340
N-Nitrosodi-n-propylamine		5.7	U	5.7	34
Nitrobenzene		4.9	U	4.9	34
Hexachloroethane		3.8	U	3.8	34
Isophorone		42	U	42	340
2-Nitrophenol		38	U	38	340
2,4-Dimethylphenol		84	U	84	340
2,4-Dichlorophenol		50	U	50	340
Bis(2-chloroethoxy)methane		44	U	44	340
Naphthalene		40	U	40	340
4-Chloroaniline		91	U	91	340
Hexachlorobutadiene		8.4	U	8.4	69
Caprolactam		79	U	79	340
4-Chloro-3-methylphenol		52	U	52	340
2-Methylnaphthalene		44	U	44	340
Hexachlorobenzene		4.7	U	4.7	34
Hexachlorocyclopentadiene		40	U	40	340
2,4,6-Trichlorophenol		40	U	40	340
2,4,5-Trichlorophenol		44	U	44	340
Diphenyl		46	U	46	340
2-Chloronaphthalene		38	U	38	340
2-Nitroaniline		140	U	140	690
2,6-Dinitrotoluene		10	U	10	69
Dimethyl phthalate		41	U	41	340
Acenaphthylene		40	U	40	340
3-Nitroaniline		120	U	120	690
Acenaphthene		50	U	50	340
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		190	U	190	1000
Dibenzofuran		40	U	40	340
Diethyl phthalate		41	U	41	340
Fluorene		44	U	44	340
Fluoranthene		46	U	46	340
Di-n-butyl phthalate		42	U	42	340
2,4-Dinitrotoluene		11	U	11	69
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		110	U	110	690
4,6-Dinitro-2-methylphenol		93	U	93	1000
4-Bromophenyl phenyl ether		34	U	34	340

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-VD**

Lab Sample ID: 460-62993-8 Date Sampled: 09/13/2013 0855
Client Matrix: Solid % Moisture: 3.6 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2376.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/20/2013 0843			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		53	U	53	340
Anthracene		42	U	42	340
Carbazole		40	U	40	340
Phenanthrene		44	U	44	340
Pentachlorophenol		100	U	100	1000
Pyrene		29	U	29	340
Chrysene		40	U	40	340
Benzo[k]fluoranthene		2.6	U	2.6	34
Benzo[g,h,i]perylene		25	U	25	340
Benzo[b]fluoranthene		2.2	U	2.2	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[a]anthracene		2.4	U	2.4	34
N-Nitrosodiphenylamine		34	U	34	340
Butyl benzyl phthalate		31	U	31	340
Bis(2-ethylhexyl) phthalate		110	U	110	340
Di-n-octyl phthalate		22	U	22	340
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	34
Dibenz(a,h)anthracene		4.3	U	4.3	34
3,3'-Dichlorobenzidine		120	U	120	690
1,2,4,5-Tetrachlorobenzene		46	U	46	340
2,3,4,6-Tetrachlorophenol		45	U	45	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	72		38 - 105
Phenol-d5	78		41 - 118
Terphenyl-d14	84		16 - 151
2,4,6-Tribromophenol	78		10 - 120
2-Fluorophenol	74		37 - 125
2-Fluorobiphenyl	75		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-VD**

Lab Sample ID: 460-62993-8 Date Sampled: 09/13/2013 0855
Client Matrix: Solid % Moisture: 3.6 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2376.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/20/2013 0843			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			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: 460-62993-1

Client Sample ID: **PMP-8SE-WT**

Lab Sample ID: 460-62993-9 Date Sampled: 09/13/2013 0900
Client Matrix: Solid % Moisture: 9.1 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2377.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 0907			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		49	U	49	360
2-Chlorophenol		48	U	48	360
2-Methylphenol		62	U	62	360
4-Methylphenol		72	U	72	360
Benzaldehyde		43	U	43	360
Acetophenone		56	U	56	360
Bis(2-chloroethyl)ether		5.0	U	5.0	36
2,2'-oxybis[1-chloropropane]		40	U	40	360
N-Nitrosodi-n-propylamine		6.1	U	6.1	36
Nitrobenzene		5.2	U	5.2	36
Hexachloroethane		4.0	U	4.0	36
Isophorone		44	U	44	360
2-Nitrophenol		41	U	41	360
2,4-Dimethylphenol		90	U	90	360
2,4-Dichlorophenol		53	U	53	360
Bis(2-chloroethoxy)methane		47	U	47	360
Naphthalene		42	U	42	360
4-Chloroaniline		96	U	96	360
Hexachlorobutadiene		8.9	U	8.9	74
Caprolactam		84	U	84	360
4-Chloro-3-methylphenol		55	U	55	360
2-Methylnaphthalene		47	U	47	360
Hexachlorobenzene		5.0	U	5.0	36
Hexachlorocyclopentadiene		43	U	43	360
2,4,6-Trichlorophenol		43	U	43	360
2,4,5-Trichlorophenol		47	U	47	360
Diphenyl		49	U	49	360
2-Chloronaphthalene		41	U	41	360
2-Nitroaniline		150	U	150	740
2,6-Dinitrotoluene		11	U	11	74
Dimethyl phthalate		43	U	43	360
Acenaphthylene		43	U	43	360
3-Nitroaniline		130	U	130	740
Acenaphthene		53	U	53	360
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		43	U	43	360
Diethyl phthalate		43	U	43	360
Fluorene		46	U	46	360
Fluoranthene		48	U	48	360
Di-n-butyl phthalate		45	U	45	360
2,4-Dinitrotoluene		12	U	12	74
4-Chlorophenyl phenyl ether		43	U	43	360
4-Nitroaniline		110	U	110	740
4,6-Dinitro-2-methylphenol		99	U	99	1100
4-Bromophenyl phenyl ether		36	U	36	360

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-WT**

Lab Sample ID: 460-62993-9 Date Sampled: 09/13/2013 0900
Client Matrix: Solid % Moisture: 9.1 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2377.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 0907			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		56	U	56	360
Anthracene		44	U	44	360
Carbazole		43	U	43	360
Phenanthrene		46	U	46	360
Pentachlorophenol		110	U	110	1100
Pyrene		30	U	30	360
Chrysene		42	U	42	360
Benzo[k]fluoranthene		2.8	U	2.8	36
Benzo[g,h,i]perylene		27	U	27	360
Benzo[b]fluoranthene		2.3	U	2.3	36
Benzo[a]pyrene		2.6	U	2.6	36
Benzo[a]anthracene		2.5	U	2.5	36
N-Nitrosodiphenylamine		36	U	36	360
Butyl benzyl phthalate		33	U	33	360
Bis(2-ethylhexyl) phthalate		120	U	120	360
Di-n-octyl phthalate		23	U	23	360
Indeno[1,2,3-cd]pyrene		6.8	U	6.8	36
Dibenz(a,h)anthracene		4.6	U	4.6	36
3,3'-Dichlorobenzidine		130	U	130	740
1,2,4,5-Tetrachlorobenzene		49	U	49	360
2,3,4,6-Tetrachlorophenol		47	U	47	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	72		38 - 105
Phenol-d5	79		41 - 118
Terphenyl-d14	86		16 - 151
2,4,6-Tribromophenol	84		10 - 120
2-Fluorophenol	75		37 - 125
2-Fluorobiphenyl	75		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-WT**

Lab Sample ID: 460-62993-9 Date Sampled: 09/13/2013 0900
Client Matrix: Solid % Moisture: 9.1 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2377.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 0907			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			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: 460-62993-1

Client Sample ID: **PMP-4SE-VS**

Lab Sample ID: 460-62993-10 Date Sampled: 09/13/2013 0920
Client Matrix: Solid % Moisture: 5.9 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2393.d
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/20/2013 1549			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		240	U	240	1800
2-Chlorophenol		230	U	230	1800
2-Methylphenol		300	U	300	1800
4-Methylphenol		350	U	350	1800
Benzaldehyde		210	U	210	1800
Acetophenone		270	U	270	1800
Bis(2-chloroethyl)ether		24	U	24	180
2,2'-oxybis[1-chloropropane]		190	U	190	1800
N-Nitrosodi-n-propylamine		29	U	29	180
Nitrobenzene		25	U	25	180
Hexachloroethane		20	U	20	180
Isophorone		210	U	210	1800
2-Nitrophenol		200	U	200	1800
2,4-Dimethylphenol		430	U	430	1800
2,4-Dichlorophenol		260	U	260	1800
Bis(2-chloroethoxy)methane		230	U	230	1800
Naphthalene		200	U	200	1800
4-Chloroaniline		460	U	460	1800
Hexachlorobutadiene		43	U	43	360
Caprolactam		400	U	400	1800
4-Chloro-3-methylphenol		260	U	260	1800
2-Methylnaphthalene		230	U	230	1800
Hexachlorobenzene		24	U	24	180
Hexachlorocyclopentadiene		210	U	210	1800
2,4,6-Trichlorophenol		210	U	210	1800
2,4,5-Trichlorophenol		230	U	230	1800
Diphenyl		240	U	240	1800
2-Chloronaphthalene		200	U	200	1800
2-Nitroaniline		730	U	730	3600
2,6-Dinitrotoluene		53	U	53	360
Dimethyl phthalate		210	U	210	1800
Acenaphthylene		210	U	210	1800
3-Nitroaniline		620	U	620	3600
Acenaphthene		260	U	260	1800
4-Nitrophenol		1100	U	1100	5300
2,4-Dinitrophenol		1000	U	1000	5300
Dibenzofuran		210	U	210	1800
Diethyl phthalate		210	U	210	1800
Fluorene		220	U	220	1800
Fluoranthene		230	U	230	1800
Di-n-butyl phthalate		220	U	220	1800
2,4-Dinitrotoluene		58	U	58	360
4-Chlorophenyl phenyl ether		210	U	210	1800
4-Nitroaniline		550	U	550	3600
4,6-Dinitro-2-methylphenol		480	U	480	5300
4-Bromophenyl phenyl ether		170	U	170	1800

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-VS**

Lab Sample ID: 460-62993-10 Date Sampled: 09/13/2013 0920
Client Matrix: Solid % Moisture: 5.9 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2393.d
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/20/2013 1549			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		270	U	270	1800
Anthracene		210	U	210	1800
Carbazole		210	U	210	1800
Phenanthrene		220	U	220	1800
Pentachlorophenol		520	U	520	5300
Pyrene		150	U	150	1800
Chrysene		200	U	200	1800
Benzo[k]fluoranthene		13	U	13	180
Benzo[g,h,i]perylene		130	U	130	1800
Benzo[b]fluoranthene		11	U	11	180
Benzo[a]pyrene		12	U	12	180
Benzo[a]anthracene		12	U	12	180
N-Nitrosodiphenylamine		170	U	170	1800
Butyl benzyl phthalate		160	U	160	1800
Bis(2-ethylhexyl) phthalate		1300	J	580	1800
Di-n-octyl phthalate		110	U	110	1800
Indeno[1,2,3-cd]pyrene		33	U	33	180
Dibenz(a,h)anthracene		22	U	22	180
3,3'-Dichlorobenzidine		620	U	620	3600
1,2,4,5-Tetrachlorobenzene		240	U	240	1800
2,3,4,6-Tetrachlorophenol		230	U	230	1800

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	63		38 - 105
Phenol-d5	68		41 - 118
Terphenyl-d14	68		16 - 151
2,4,6-Tribromophenol	56		10 - 120
2-Fluorophenol	67		37 - 125
2-Fluorobiphenyl	78		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-VS**

Lab Sample ID: 460-62993-10 Date Sampled: 09/13/2013 0920
Client Matrix: Solid % Moisture: 5.9 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181707	Lab File ID:	z2393.d
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/20/2013 1549			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Dichloro-1,1-biphenyl isomer-1	8.16	15000	J
	Trichloro-1,1-biphenyl isomer-2	8.92	51000	J
	Unknown-1	8.94	17000	J
	Trichloro-1,1-biphenyl isomer-4	9.08	29000	J
	Trichloro-1,1-biphenyl isomer-6	9.33	61000	J
	Trichloro-1,1-biphenyl isomer-7	9.40	14000	J
	Trichloro-1,1-biphenyl isomer-1	9.46	13000	J
	Tetrachloro-1,1-biphenyl isomer-3	9.60	19000	J
	Tetrachloro-1,1-biphenyl isomer-4	9.63	15000	J
	Tetrachloro-1,1-biphenyl isomer-5	9.66	11000	J
	Tetrachloro-1,1-biphenyl isomer-6	9.76	18000	J
	Tetrachloro-1,1-biphenyl isomer-8	9.86	13000	J
	Tetrachloro-1,1-biphenyl isomer-11	10.09	15000	J
	Tetrachloro-1,1-biphenyl isomer-12	10.11	17000	J
	Tetrachloro-1,1-biphenyl isomer-13	10.24	12000	J

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-VD**

Lab Sample ID: 460-62993-11 Date Sampled: 09/13/2013 0930
Client Matrix: Solid % Moisture: 7.1 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112700.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 1533			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		48	U	48	350
2-Chlorophenol		47	U	47	350
2-Methylphenol		61	U	61	350
4-Methylphenol		70	U	70	350
Benzaldehyde		42	U	42	350
Acetophenone		55	U	55	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
Nitrobenzene		5.1	U	5.1	35
Hexachloroethane		4.0	U	4.0	35
Isophorone		43	U	43	350
2-Nitrophenol		40	U	40	350
2,4-Dimethylphenol		88	U	88	350
2,4-Dichlorophenol		52	U	52	350
Bis(2-chloroethoxy)methane		46	U	46	350
Naphthalene		41	U	41	350
4-Chloroaniline		94	U	94	350
Hexachlorobutadiene		8.7	U	8.7	72
Caprolactam		82	U	82	350
4-Chloro-3-methylphenol		54	U	54	350
2-Methylnaphthalene		46	U	46	350
Hexachlorobenzene		4.9	U	4.9	35
Hexachlorocyclopentadiene		42	U	42	350
2,4,6-Trichlorophenol		42	U	42	350
2,4,5-Trichlorophenol		46	U	46	350
Diphenyl		48	U	48	350
2-Chloronaphthalene		40	U	40	350
2-Nitroaniline		150	U	150	720
2,6-Dinitrotoluene		11	U	11	72
Dimethyl phthalate		42	U	42	350
Acenaphthylene		42	U	42	350
3-Nitroaniline		130	U	130	720
Acenaphthene		52	U	52	350
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		42	U	42	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		47	U	47	350
Di-n-butyl phthalate		44	U	44	350
2,4-Dinitrotoluene		12	U	12	72
4-Chlorophenyl phenyl ether		42	U	42	350
4-Nitroaniline		110	U	110	720
4,6-Dinitro-2-methylphenol		97	U	97	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-VD**

Lab Sample ID: 460-62993-11 Date Sampled: 09/13/2013 0930
Client Matrix: Solid % Moisture: 7.1 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112700.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 1533			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		55	U	55	350
Anthracene		43	U	43	350
Carbazole		42	U	42	350
Phenanthrene		45	U	45	350
Pentachlorophenol		110	U	110	1100
Pyrene		30	U	30	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.7	U	2.7	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.5	U	2.5	35
N-Nitrosodiphenylamine		35	U	35	350
Butyl benzyl phthalate		33	U	33	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		23	U	23	350
Indeno[1,2,3-cd]pyrene		6.6	U	6.6	35
Dibenz(a,h)anthracene		4.5	U	4.5	35
3,3'-Dichlorobenzidine		120	U	120	720
1,2,4,5-Tetrachlorobenzene		48	U	48	350
2,3,4,6-Tetrachlorophenol		46	U	46	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	80		38 - 105
Phenol-d5	83		41 - 118
Terphenyl-d14	85		16 - 151
2,4,6-Tribromophenol	69		10 - 120
2-Fluorophenol	88		37 - 125
2-Fluorobiphenyl	83		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-VD**

Lab Sample ID: 460-62993-11 Date Sampled: 09/13/2013 0930
Client Matrix: Solid % Moisture: 7.1 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112700.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 1533			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			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: 460-62993-1

Client Sample ID: **PMP-4SE-WT**

Lab Sample ID: 460-62993-12 Date Sampled: 09/13/2013 0925
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112713.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 2143			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	340
2-Chlorophenol		45	U	45	340
2-Methylphenol		58	U	58	340
4-Methylphenol		67	U	67	340
Benzaldehyde		40	U	40	340
Acetophenone		53	U	53	340
Bis(2-chloroethyl)ether		4.7	U	4.7	34
2,2'-oxybis[1-chloropropane]		38	U	38	340
N-Nitrosodi-n-propylamine		5.7	U	5.7	34
Nitrobenzene		4.9	U	4.9	34
Hexachloroethane		3.8	U	3.8	34
Isophorone		41	U	41	340
2-Nitrophenol		38	U	38	340
2,4-Dimethylphenol		84	U	84	340
2,4-Dichlorophenol		50	U	50	340
Bis(2-chloroethoxy)methane		44	U	44	340
Naphthalene		40	U	40	340
4-Chloroaniline		91	U	91	340
Hexachlorobutadiene		8.4	U	8.4	69
Caprolactam		79	U	79	340
4-Chloro-3-methylphenol		52	U	52	340
2-Methylnaphthalene		44	U	44	340
Hexachlorobenzene		4.7	U	4.7	34
Hexachlorocyclopentadiene		40	U	40	340
2,4,6-Trichlorophenol		40	U	40	340
2,4,5-Trichlorophenol		44	U	44	340
Diphenyl		46	U	46	340
2-Chloronaphthalene		38	U	38	340
2-Nitroaniline		140	U	140	690
2,6-Dinitrotoluene		10	U	10	69
Dimethyl phthalate		41	U	41	340
Acenaphthylene		40	U	40	340
3-Nitroaniline		120	U	120	690
Acenaphthene		50	U	50	340
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		190	U	190	1000
Dibenzofuran		40	U	40	340
Diethyl phthalate		41	U	41	340
Fluorene		44	U	44	340
Fluoranthene		46	U	46	340
Di-n-butyl phthalate		42	U	42	340
2,4-Dinitrotoluene		11	U	11	69
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		110	U	110	690
4,6-Dinitro-2-methylphenol		93	U	93	1000
4-Bromophenyl phenyl ether		34	U	34	340

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-WT**

Lab Sample ID: 460-62993-12 Date Sampled: 09/13/2013 0925
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112713.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 2143			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		53	U	53	340
Anthracene		42	U	42	340
Carbazole		40	U	40	340
Phenanthrene		44	U	44	340
Pentachlorophenol		100	U	100	1000
Pyrene		29	U	29	340
Chrysene		40	U	40	340
Benzo[k]fluoranthene		2.6	U	2.6	34
Benzo[g,h,i]perylene		25	U	25	340
Benzo[b]fluoranthene		2.2	U	2.2	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[a]anthracene		2.4	U	2.4	34
N-Nitrosodiphenylamine		34	U	34	340
Butyl benzyl phthalate		31	U	31	340
Bis(2-ethylhexyl) phthalate		110	U	110	340
Di-n-octyl phthalate		22	U	22	340
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	34
Dibenz(a,h)anthracene		4.3	U	4.3	34
3,3'-Dichlorobenzidine		120	U	120	690
1,2,4,5-Tetrachlorobenzene		46	U	46	340
2,3,4,6-Tetrachlorophenol		44	U	44	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	73		38 - 105
Phenol-d5	77		41 - 118
Terphenyl-d14	83		16 - 151
2,4,6-Tribromophenol	57		10 - 120
2-Fluorophenol	82		37 - 125
2-Fluorobiphenyl	77		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-WT**

Lab Sample ID: 460-62993-12 Date Sampled: 09/13/2013 0925
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112713.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 2143			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			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: 460-62993-1

Client Sample ID: **PMP-14SE-VS**

Lab Sample ID: 460-62993-13 Date Sampled: 09/13/2013 0935
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112717.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 2336			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		60	U	60	350
4-Methylphenol		69	U	69	350
Benzaldehyde		41	U	41	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
Nitrobenzene		5.0	U	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		42	U	42	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		86	U	86	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		40	U	40	350
4-Chloroaniline		93	U	93	350
Hexachlorobutadiene		8.5	U	8.5	71
Caprolactam		81	U	81	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	710
2,6-Dinitrotoluene		11	U	11	71
Dimethyl phthalate		41	U	41	350
Acenaphthylene		41	U	41	350
3-Nitroaniline		120	U	120	710
Acenaphthene		51	U	51	350
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		47	U	47	350
Di-n-butyl phthalate		43	U	43	350
2,4-Dinitrotoluene		12	U	12	71
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
4,6-Dinitro-2-methylphenol		95	U	95	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-VS**

Lab Sample ID: 460-62993-13 Date Sampled: 09/13/2013 0935
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112717.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 2336			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		54	U	54	350
Anthracene		42	U	42	350
Carbazole		41	U	41	350
Phenanthrene		45	U	45	350
Pentachlorophenol		100	U	100	1100
Pyrene		29	U	29	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		8.7	J	2.7	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		25	J	2.2	35
Benzo[a]pyrene		15	J	2.5	35
Benzo[a]anthracene		2.4	U	2.4	35
N-Nitrosodiphenylamine		34	U	34	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		11	J	6.5	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	710
1,2,4,5-Tetrachlorobenzene		47	U	47	350
2,3,4,6-Tetrachlorophenol		45	U	45	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	81		38 - 105
Phenol-d5	84		41 - 118
Terphenyl-d14	86		16 - 151
2,4,6-Tribromophenol	76		10 - 120
2-Fluorophenol	90		37 - 125
2-Fluorobiphenyl	88		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-VS**

Lab Sample ID: 460-62993-13 Date Sampled: 09/13/2013 0935
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112717.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 2336			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	8.78	370	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-VD**

Lab Sample ID: 460-62993-14 Date Sampled: 09/13/2013 0940
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112714.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 2211			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	340
2-Chlorophenol		45	U	45	340
2-Methylphenol		58	U	58	340
4-Methylphenol		67	U	67	340
Benzaldehyde		40	U	40	340
Acetophenone		52	U	52	340
Bis(2-chloroethyl)ether		4.7	U	4.7	34
2,2'-oxybis[1-chloropropane]		38	U	38	340
N-Nitrosodi-n-propylamine		5.7	U	5.7	34
Nitrobenzene		4.9	U	4.9	34
Hexachloroethane		3.8	U	3.8	34
Isophorone		41	U	41	340
2-Nitrophenol		38	U	38	340
2,4-Dimethylphenol		84	U	84	340
2,4-Dichlorophenol		50	U	50	340
Bis(2-chloroethoxy)methane		44	U	44	340
Naphthalene		40	U	40	340
4-Chloroaniline		91	U	91	340
Hexachlorobutadiene		8.3	U	8.3	69
Caprolactam		79	U	79	340
4-Chloro-3-methylphenol		52	U	52	340
2-Methylnaphthalene		44	U	44	340
Hexachlorobenzene		4.7	U	4.7	34
Hexachlorocyclopentadiene		40	U	40	340
2,4,6-Trichlorophenol		40	U	40	340
2,4,5-Trichlorophenol		44	U	44	340
Diphenyl		46	U	46	340
2-Chloronaphthalene		38	U	38	340
2-Nitroaniline		140	U	140	690
2,6-Dinitrotoluene		10	U	10	69
Dimethyl phthalate		41	U	41	340
Acenaphthylene		40	U	40	340
3-Nitroaniline		120	U	120	690
Acenaphthene		50	U	50	340
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		190	U	190	1000
Dibenzofuran		40	U	40	340
Diethyl phthalate		41	U	41	340
Fluorene		44	U	44	340
Fluoranthene		46	U	46	340
Di-n-butyl phthalate		42	U	42	340
2,4-Dinitrotoluene		11	U	11	69
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		110	U	110	690
4,6-Dinitro-2-methylphenol		93	U	93	1000
4-Bromophenyl phenyl ether		34	U	34	340

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-VD**

Lab Sample ID: 460-62993-14 Date Sampled: 09/13/2013 0940
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112714.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 2211			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		53	U	53	340
Anthracene		42	U	42	340
Carbazole		40	U	40	340
Phenanthrene		44	U	44	340
Pentachlorophenol		100	U	100	1000
Pyrene		29	U	29	340
Chrysene		40	U	40	340
Benzo[k]fluoranthene		2.6	U	2.6	34
Benzo[g,h,i]perylene		25	U	25	340
Benzo[b]fluoranthene		2.2	U	2.2	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[a]anthracene		2.4	U	2.4	34
N-Nitrosodiphenylamine		34	U	34	340
Butyl benzyl phthalate		31	U	31	340
Bis(2-ethylhexyl) phthalate		110	U	110	340
Di-n-octyl phthalate		22	U	22	340
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	34
Dibenz(a,h)anthracene		4.3	U	4.3	34
3,3'-Dichlorobenzidine		120	U	120	690
1,2,4,5-Tetrachlorobenzene		46	U	46	340
2,3,4,6-Tetrachlorophenol		44	U	44	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	74		38 - 105
Phenol-d5	79		41 - 118
Terphenyl-d14	86		16 - 151
2,4,6-Tribromophenol	65		10 - 120
2-Fluorophenol	84		37 - 125
2-Fluorobiphenyl	77		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-VD**

Lab Sample ID: 460-62993-14 Date Sampled: 09/13/2013 0940
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112714.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 2211			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			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: 460-62993-1

Client Sample ID: **PMP-14SE-WT**

Lab Sample ID: 460-62993-15 Date Sampled: 09/13/2013 0945
Client Matrix: Solid % Moisture: 3.5 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112703.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1658			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	340
2-Chlorophenol		45	U	45	340
2-Methylphenol		58	U	58	340
4-Methylphenol		67	U	67	340
Benzaldehyde		40	U	40	340
Acetophenone		53	U	53	340
Bis(2-chloroethyl)ether		4.7	U	4.7	34
2,2'-oxybis[1-chloropropane]		38	U	38	340
N-Nitrosodi-n-propylamine		5.7	U	5.7	34
Nitrobenzene		4.9	U	4.9	34
Hexachloroethane		3.8	U	3.8	34
Isophorone		42	U	42	340
2-Nitrophenol		38	U	38	340
2,4-Dimethylphenol		84	U	84	340
2,4-Dichlorophenol		50	U	50	340
Bis(2-chloroethoxy)methane		44	U	44	340
Naphthalene		40	U	40	340
4-Chloroaniline		91	U	91	340
Hexachlorobutadiene		8.4	U	8.4	69
Caprolactam		79	U	79	340
4-Chloro-3-methylphenol		52	U	52	340
2-Methylnaphthalene		44	U	44	340
Hexachlorobenzene		4.7	U	4.7	34
Hexachlorocyclopentadiene		40	U	40	340
2,4,6-Trichlorophenol		40	U	40	340
2,4,5-Trichlorophenol		44	U	44	340
Diphenyl		46	U	46	340
2-Chloronaphthalene		38	U	38	340
2-Nitroaniline		140	U	140	690
2,6-Dinitrotoluene		10	U	10	69
Dimethyl phthalate		41	U	41	340
Acenaphthylene		40	U	40	340
3-Nitroaniline		120	U	120	690
Acenaphthene		50	U	50	340
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		190	U	190	1000
Dibenzofuran		40	U	40	340
Diethyl phthalate		41	U	41	340
Fluorene		44	U	44	340
Fluoranthene		46	U	46	340
Di-n-butyl phthalate		42	U	42	340
2,4-Dinitrotoluene		11	U	11	69
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		110	U	110	690
4,6-Dinitro-2-methylphenol		93	U	93	1000
4-Bromophenyl phenyl ether		34	U	34	340

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-WT**

Lab Sample ID: 460-62993-15 Date Sampled: 09/13/2013 0945
Client Matrix: Solid % Moisture: 3.5 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112703.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1658			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		53	U	53	340
Anthracene		42	U	42	340
Carbazole		40	U	40	340
Phenanthrene		44	U	44	340
Pentachlorophenol		100	U	100	1000
Pyrene		29	U	29	340
Chrysene		40	U	40	340
Benzo[k]fluoranthene		2.6	U	2.6	34
Benzo[g,h,i]perylene		25	U	25	340
Benzo[b]fluoranthene		2.2	U	2.2	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[a]anthracene		2.4	U	2.4	34
N-Nitrosodiphenylamine		34	U	34	340
Butyl benzyl phthalate		31	U	31	340
Bis(2-ethylhexyl) phthalate		110	U	110	340
Di-n-octyl phthalate		22	U	22	340
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	34
Dibenz(a,h)anthracene		4.3	U	4.3	34
3,3'-Dichlorobenzidine		120	U	120	690
1,2,4,5-Tetrachlorobenzene		46	U	46	340
2,3,4,6-Tetrachlorophenol		45	U	45	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	83		38 - 105
Phenol-d5	88		41 - 118
Terphenyl-d14	97		16 - 151
2,4,6-Tribromophenol	74		10 - 120
2-Fluorophenol	95		37 - 125
2-Fluorobiphenyl	86		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-WT**

Lab Sample ID: 460-62993-15 Date Sampled: 09/13/2013 0945
Client Matrix: Solid % Moisture: 3.5 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112703.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1658			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			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: 460-62993-1

Client Sample ID: **PMP-25SE-VS**

Lab Sample ID: 460-62993-16 Date Sampled: 09/13/2013 0950
Client Matrix: Solid % Moisture: 5.3 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112716.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/19/2013 2308			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		59	U	59	350
4-Methylphenol		69	U	69	350
Benzaldehyde		41	U	41	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
Nitrobenzene		5.0	U	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		42	U	42	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		86	U	86	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		40	U	40	350
4-Chloroaniline		92	U	92	350
Hexachlorobutadiene		8.5	U	8.5	71
Caprolactam		80	U	80	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	710
2,6-Dinitrotoluene		11	U	11	71
Dimethyl phthalate		41	U	41	350
Acenaphthylene		41	U	41	350
3-Nitroaniline		120	U	120	710
Acenaphthene		51	U	51	350
4-Nitrophenol		220	U	220	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		41	U	41	350
Diethyl phthalate		41	U	41	350
Fluorene		45	U	45	350
Fluoranthene		46	U	46	350
Di-n-butyl phthalate		100	J	43	350
2,4-Dinitrotoluene		11	U	11	71
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
4,6-Dinitro-2-methylphenol		95	U	95	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-VS**

Lab Sample ID: 460-62993-16 Date Sampled: 09/13/2013 0950
Client Matrix: Solid % Moisture: 5.3 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112716.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/19/2013 2308			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		54	U	54	350
Anthracene		42	U	42	350
Carbazole		41	U	41	350
Phenanthrene		44	U	44	350
Pentachlorophenol		100	U	100	1100
Pyrene		29	U	29	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.6	U	2.6	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.4	U	2.4	35
N-Nitrosodiphenylamine		34	U	34	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	710
1,2,4,5-Tetrachlorobenzene		47	U	47	350
2,3,4,6-Tetrachlorophenol		45	U	45	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	80		38 - 105
Phenol-d5	86		41 - 118
Terphenyl-d14	91		16 - 151
2,4,6-Tribromophenol	62		10 - 120
2-Fluorophenol	91		37 - 125
2-Fluorobiphenyl	85		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-VS**

Lab Sample ID: 460-62993-16 Date Sampled: 09/13/2013 0950
Client Matrix: Solid % Moisture: 5.3 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112716.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/19/2013 2308			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	13.24	640	J

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-VD**

Lab Sample ID: 460-62993-17 Date Sampled: 09/13/2013 0955
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112704.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1727			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		59	U	59	350
4-Methylphenol		68	U	68	350
Benzaldehyde		41	U	41	350
Acetophenone		53	U	53	350
Bis(2-chloroethyl)ether		4.7	U	4.7	35
2,2'-oxybis[1-chloropropane]		38	U	38	350
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
Nitrobenzene		4.9	U	4.9	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		42	U	42	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		85	U	85	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		40	U	40	350
4-Chloroaniline		92	U	92	350
Hexachlorobutadiene		8.5	U	8.5	70
Caprolactam		80	U	80	350
4-Chloro-3-methylphenol		52	U	52	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.7	U	4.7	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		46	U	46	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		140	U	140	700
2,6-Dinitrotoluene		10	U	10	70
Dimethyl phthalate		41	U	41	350
Acenaphthylene		41	U	41	350
3-Nitroaniline		120	U	120	700
Acenaphthene		50	U	50	350
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		200	U	200	1000
Dibenzofuran		41	U	41	350
Diethyl phthalate		41	U	41	350
Fluorene		44	U	44	350
Fluoranthene		46	U	46	350
Di-n-butyl phthalate		43	U	43	350
2,4-Dinitrotoluene		11	U	11	70
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	700
4,6-Dinitro-2-methylphenol		94	U	94	1000
4-Bromophenyl phenyl ether		34	U	34	350

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-VD**

Lab Sample ID: 460-62993-17 Date Sampled: 09/13/2013 0955
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112704.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1727			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		54	U	54	350
Anthracene		42	U	42	350
Carbazole		41	U	41	350
Phenanthrene		44	U	44	350
Pentachlorophenol		100	U	100	1000
Pyrene		29	U	29	350
Chrysene		40	U	40	350
Benzo[k]fluoranthene		2.6	U	2.6	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.4	U	2.4	35
N-Nitrosodiphenylamine		34	U	34	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	700
1,2,4,5-Tetrachlorobenzene		47	U	47	350
2,3,4,6-Tetrachlorophenol		45	U	45	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	79		38 - 105
Phenol-d5	87		41 - 118
Terphenyl-d14	93		16 - 151
2,4,6-Tribromophenol	77		10 - 120
2-Fluorophenol	93		37 - 125
2-Fluorobiphenyl	84		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-VD**

Lab Sample ID: 460-62993-17 Date Sampled: 09/13/2013 0955
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112704.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1727			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			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: 460-62993-1

Client Sample ID: **PMP-25SE-WT**

Lab Sample ID: 460-62993-18 Date Sampled: 09/13/2013 1000
Client Matrix: Solid % Moisture: 12.4 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112705.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 1755			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		51	U	51	380
2-Chlorophenol		50	U	50	380
2-Methylphenol		64	U	64	380
4-Methylphenol		74	U	74	380
Benzaldehyde		44	U	44	380
Acetophenone		58	U	58	380
Bis(2-chloroethyl)ether		5.1	U	5.1	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.3	U	6.3	38
Nitrobenzene		5.4	U	5.4	38
Hexachloroethane		4.2	U	4.2	38
Isophorone		46	U	46	380
2-Nitrophenol		42	U	42	380
2,4-Dimethylphenol		93	U	93	380
2,4-Dichlorophenol		55	U	55	380
Bis(2-chloroethoxy)methane		49	U	49	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.2	U	9.2	76
Caprolactam		87	U	87	380
4-Chloro-3-methylphenol		57	U	57	380
2-Methylnaphthalene		48	U	48	380
Hexachlorobenzene		5.1	U	5.1	38
Hexachlorocyclopentadiene		44	U	44	380
2,4,6-Trichlorophenol		44	U	44	380
2,4,5-Trichlorophenol		49	U	49	380
Diphenyl		50	U	50	380
2-Chloronaphthalene		42	U	42	380
2-Nitroaniline		160	U	160	760
2,6-Dinitrotoluene		11	U	11	76
Dimethyl phthalate		45	U	45	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		130	U	130	760
Acenaphthene		55	U	55	380
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		44	U	44	380
Diethyl phthalate		45	U	45	380
Fluorene		48	U	48	380
Fluoranthene		50	U	50	380
Di-n-butyl phthalate		46	U	46	380
2,4-Dinitrotoluene		12	U	12	76
4-Chlorophenyl phenyl ether		44	U	44	380
4-Nitroaniline		120	U	120	760
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		37	U	37	380

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-WT**

Lab Sample ID: 460-62993-18 Date Sampled: 09/13/2013 1000
Client Matrix: Solid % Moisture: 12.4 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112705.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 1755			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		58	U	58	380
Anthracene		46	U	46	380
Carbazole		45	U	45	380
Phenanthrene		48	U	48	380
Pentachlorophenol		110	U	110	1100
Pyrene		32	U	32	380
Chrysene		44	U	44	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.6	U	2.6	38
N-Nitrosodiphenylamine		37	U	37	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		24	U	24	380
Indeno[1,2,3-cd]pyrene		7.0	U	7.0	38
Dibenz(a,h)anthracene		4.7	U	4.7	38
3,3'-Dichlorobenzidine		130	U	130	760
1,2,4,5-Tetrachlorobenzene		51	U	51	380
2,3,4,6-Tetrachlorophenol		49	U	49	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	73		38 - 105
Phenol-d5	83		41 - 118
Terphenyl-d14	90		16 - 151
2,4,6-Tribromophenol	72		10 - 120
2-Fluorophenol	86		37 - 125
2-Fluorobiphenyl	78		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-WT**

Lab Sample ID: 460-62993-18 Date Sampled: 09/13/2013 1000
Client Matrix: Solid % Moisture: 12.4 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112705.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 1755			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			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: 460-62993-1

Client Sample ID: **PMP-7SE-VD**

Lab Sample ID: 460-62993-19 Date Sampled: 09/13/2013 1010
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182283	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112734.D
Dilution:	10			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 0824	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		470	U	470	3500
2-Chlorophenol		460	U	460	3500
2-Methylphenol		600	U	600	3500
4-Methylphenol		690	U	690	3500
Benzaldehyde		410	U	410	3500
Acetophenone		540	U	540	3500
Bis(2-chloroethyl)ether		48	U	48	350
2,2'-oxybis[1-chloropropane]		390	U	390	3500
N-Nitrosodi-n-propylamine		58	U	58	350
Nitrobenzene		50	U	50	350
Hexachloroethane		39	U	39	350
Isophorone		420	U	420	3500
2-Nitrophenol		390	U	390	3500
2,4-Dimethylphenol		860	U	860	3500
2,4-Dichlorophenol		510	U	510	3500
Bis(2-chloroethoxy)methane		450	U	450	3500
Naphthalene		410	U	410	3500
4-Chloroaniline		930	U	930	3500
Hexachlorobutadiene		85	U	85	710
Caprolactam		810	U	810	3500
4-Chloro-3-methylphenol		530	U	530	3500
2-Methylnaphthalene		450	U	450	3500
Hexachlorobenzene		48	U	48	350
Hexachlorocyclopentadiene		410	U	410	3500
2,4,6-Trichlorophenol		410	U	410	3500
2,4,5-Trichlorophenol		450	U	450	3500
Diphenyl		470	U	470	3500
2-Chloronaphthalene		390	U	390	3500
2-Nitroaniline		1500	U	1500	7100
2,6-Dinitrotoluene		110	U	110	710
Dimethyl phthalate		410	U	410	3500
Acenaphthylene		410	U	410	3500
3-Nitroaniline		1200	U	1200	7100
Acenaphthene		510	U	510	3500
4-Nitrophenol		2300	U	2300	11000
2,4-Dinitrophenol		2000	U	2000	11000
Dibenzofuran		410	U	410	3500
Diethyl phthalate		420	U	420	3500
Fluorene		450	U	450	3500
Fluoranthene		470	U	470	3500
Di-n-butyl phthalate		430	U	430	3500
2,4-Dinitrotoluene		120	U	120	710
4-Chlorophenyl phenyl ether		410	U	410	3500
4-Nitroaniline		1100	U	1100	7100
4,6-Dinitro-2-methylphenol		950	U	950	11000
4-Bromophenyl phenyl ether		350	U	350	3500

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-VD**

Lab Sample ID: 460-62993-19 Date Sampled: 09/13/2013 1010
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182283	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112734.D
Dilution:	10			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 0824	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		540	U	540	3500
Anthracene		430	U	430	3500
Carbazole		410	U	410	3500
Phenanthrene		450	U	450	3500
Pentachlorophenol		1000	U	1000	11000
Pyrene		1700	J D	290	3500
Chrysene		410	U	410	3500
Benzo[k]fluoranthene		27	U	27	350
Benzo[g,h,i]perylene		260	U	260	3500
Benzo[b]fluoranthene		22	U	22	350
Benzo[a]pyrene		25	U	25	350
Benzo[a]anthracene		24	U	24	350
N-Nitrosodiphenylamine		340	U	340	3500
Butyl benzyl phthalate		320	U	320	3500
Bis(2-ethylhexyl) phthalate		1200	U	1200	3500
Di-n-octyl phthalate		220	U	220	3500
Indeno[1,2,3-cd]pyrene		65	U	65	350
Dibenz(a,h)anthracene		44	U	44	350
3,3'-Dichlorobenzidine		1200	U	1200	7100
1,2,4,5-Tetrachlorobenzene		470	U	470	3500
2,3,4,6-Tetrachlorophenol		450	U	450	3500

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	0	D	38 - 105
Phenol-d5	0	D	41 - 118
Terphenyl-d14	0	D	16 - 151
2,4,6-Tribromophenol	0	D	10 - 120
2-Fluorophenol	0	D	37 - 125
2-Fluorobiphenyl	0	D	40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-VD**

Lab Sample ID: 460-62993-19 Date Sampled: 09/13/2013 1010
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182283	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112734.D
Dilution:	10			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 0824	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
544-76-3	Hexadecane	6.05	11000	D J N
	Trimethylnapthalene isomer	6.55	10000	D J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	6.97	33000	D J N
2717-39-7	1,4,5,8-Tetramethylnaphthalene	7.14	12000	D J N
504-44-9	Hexadecane, 2,6,11,15-tetramethyl-	7.23	73000	D J N
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	7.26	14000	D J N
613-33-2	4,4'-Dimethylbiphenyl	7.32	21000	D J N
272-31-1	1,2-Benzisoselenazole	7.36	11000	D J N
3891-98-3	Dodecane, 2,6,10-trimethyl-	7.40	14000	D J N
1000104-10-8	3-Methyl-4-(methoxycarbonyl)hexa-2,4-die	7.43	12000	D J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	7.62	11000	D J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	7.68	40000	D J N
629-59-4	Tetradecane	7.79	16000	D J N
	Unknown alkane	7.82	14000	D J
	Unknown alkane	8.03	23000	D J

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-WT**

Lab Sample ID: 460-62993-20 Date Sampled: 09/13/2013 1015
Client Matrix: Solid % Moisture: 10.1 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182283	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112735.D
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 0852			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		250	U	250	1800
2-Chlorophenol		240	U	240	1800
2-Methylphenol		310	U	310	1800
4-Methylphenol		360	U	360	1800
Benzaldehyde		220	U	220	1800
Acetophenone		280	U	280	1800
Bis(2-chloroethyl)ether		25	U	25	180
2,2'-oxybis[1-chloropropane]		200	U	200	1800
N-Nitrosodi-n-propylamine		31	U	31	180
Nitrobenzene		26	U	26	180
Hexachloroethane		20	U	20	180
Isophorone		220	U	220	1800
2-Nitrophenol		200	U	200	1800
2,4-Dimethylphenol		450	U	450	1800
2,4-Dichlorophenol		270	U	270	1800
Bis(2-chloroethoxy)methane		240	U	240	1800
Naphthalene		210	U	210	1800
4-Chloroaniline		490	U	490	1800
Hexachlorobutadiene		45	U	45	370
Caprolactam		420	U	420	1800
4-Chloro-3-methylphenol		280	U	280	1800
2-Methylnaphthalene		240	U	240	1800
Hexachlorobenzene		25	U	25	180
Hexachlorocyclopentadiene		220	U	220	1800
2,4,6-Trichlorophenol		210	U	210	1800
2,4,5-Trichlorophenol		240	U	240	1800
Diphenyl		250	U	250	1800
2-Chloronaphthalene		200	U	200	1800
2-Nitroaniline		770	U	770	3700
2,6-Dinitrotoluene		55	U	55	370
Dimethyl phthalate		220	U	220	1800
Acenaphthylene		220	U	220	1800
3-Nitroaniline		650	U	650	3700
Acenaphthene		280	J	270	1800
4-Nitrophenol		1200	U	1200	5600
2,4-Dinitrophenol		1000	U	1000	5600
Dibenzofuran		220	U	220	1800
Diethyl phthalate		220	U	220	1800
Fluorene		230	U	230	1800
Fluoranthene		240	U	240	1800
Di-n-butyl phthalate		230	U	230	1800
2,4-Dinitrotoluene		61	U	61	370
4-Chlorophenyl phenyl ether		220	U	220	1800
4-Nitroaniline		570	U	570	3700
4,6-Dinitro-2-methylphenol		500	U	500	5600
4-Bromophenyl phenyl ether		180	U	180	1800

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-WT**

Lab Sample ID: 460-62993-20 Date Sampled: 09/13/2013 1015
Client Matrix: Solid % Moisture: 10.1 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182283	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112735.D
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 0852			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		280	U	280	1800
Anthracene		220	U	220	1800
Carbazole		220	U	220	1800
Phenanthrene		640	J	230	1800
Pentachlorophenol		550	U	550	5600
Pyrene		540	J	150	1800
Chrysene		210	U	210	1800
Benzo[k]fluoranthene		14	U	14	180
Benzo[g,h,i]perylene		140	U	140	1800
Benzo[b]fluoranthene		12	U	12	180
Benzo[a]pyrene		13	U	13	180
Benzo[a]anthracene		13	U	13	180
N-Nitrosodiphenylamine		180	U	180	1800
Butyl benzyl phthalate		170	U	170	1800
Bis(2-ethylhexyl) phthalate		610	U	610	1800
Di-n-octyl phthalate		120	U	120	1800
Indeno[1,2,3-cd]pyrene		34	U	34	180
Dibenz(a,h)anthracene		23	U	23	180
3,3'-Dichlorobenzidine		640	U	640	3700
1,2,4,5-Tetrachlorobenzene		250	U	250	1800
2,3,4,6-Tetrachlorophenol		240	U	240	1800

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	75		38 - 105
Phenol-d5	83		41 - 118
Terphenyl-d14	86		16 - 151
2,4,6-Tribromophenol	69		10 - 120
2-Fluorophenol	86		37 - 125
2-Fluorobiphenyl	92		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-WT**

Lab Sample ID: 460-62993-20 Date Sampled: 09/13/2013 1015
Client Matrix: Solid % Moisture: 10.1 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182283	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112735.D
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 0852			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
2245-38-7	Naphthalene, 1,6,7-trimethyl-	6.48	7400	J N
829-26-5	Naphthalene, 2,3,6-trimethyl-	6.58	6800	J N
544-76-3	Hexadecane	6.75	8100	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	6.97	18000	J N
529-05-5	Azulene, 7-ethyl-1,4-dimethyl-	7.14	7600	J N
54105-67-8	Heptadecane, 2,6-dimethyl-	7.23	40000	J N
2050-67-1	1,1'-Biphenyl, 3,3'-dichloro-	7.27	7700	J N
2523-37-7	9H-Fluorene, 9-methyl-	7.32	7800	J N
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	7.40	7300	J N
55702-45-9	1,1'-Biphenyl, 2,3,6-trichloro-	7.62	8700	J N
6912-07-8	Hexadecane, 5-butyl-	7.69	18000	J N
	Unknown	7.79	11000	J
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	8.03	24000	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.10	11000	J N
52663-58-8	1,1'-Biphenyl, 2,3,4',6-tetrachloro-	8.30	7400	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-SI**

Lab Sample ID: 460-62993-21 Date Sampled: 09/13/2013 1020
Client Matrix: Solid % Moisture: 15.9 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182469	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-182330	Lab File ID:	112788.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/21/2013 1621			Final Weight/Volume:	1 mL
Prep Date:	09/20/2013 1111			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		53	U	53	390
2-Chlorophenol		52	U	52	390
2-Methylphenol		67	U	67	390
4-Methylphenol		77	U	77	390
Benzaldehyde		46	U	46	390
Acetophenone		60	U	60	390
Bis(2-chloroethyl)ether		5.4	U	5.4	39
2,2'-oxybis[1-chloropropane]		44	U	44	390
N-Nitrosodi-n-propylamine		6.6	U	6.6	39
Nitrobenzene		5.6	U	5.6	39
Hexachloroethane		4.4	U	4.4	39
Isophorone		48	U	48	390
2-Nitrophenol		44	U	44	390
2,4-Dimethylphenol		97	U	97	390
2,4-Dichlorophenol		58	U	58	390
Bis(2-chloroethoxy)methane		51	U	51	390
Naphthalene		46	U	46	390
4-Chloroaniline		100	U	100	390
Hexachlorobutadiene		9.6	U	9.6	80
Caprolactam		91	U	91	390
4-Chloro-3-methylphenol		59	U	59	390
2-Methylnaphthalene		1500		51	390
Hexachlorobenzene		5.4	U	5.4	39
Hexachlorocyclopentadiene		46	U	46	390
2,4,6-Trichlorophenol		46	U	46	390
2,4,5-Trichlorophenol		51	U	51	390
Diphenyl		300	J	53	390
2-Chloronaphthalene		44	U	44	390
2-Nitroaniline		160	U	160	800
2,6-Dinitrotoluene		12	U	12	80
Dimethyl phthalate		47	U	47	390
Acenaphthylene		46	U	46	390
3-Nitroaniline		140	U	140	800
Acenaphthene		57	U	57	390
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		46	U	46	390
Diethyl phthalate		47	U	47	390
Fluorene		50	U	50	390
Fluoranthene		52	U	52	390
Di-n-butyl phthalate		49	U	49	390
2,4-Dinitrotoluene		13	U	13	80
4-Chlorophenyl phenyl ether		46	U	46	390
4-Nitroaniline		120	U *	120	800
4,6-Dinitro-2-methylphenol		110	U	110	1200
4-Bromophenyl phenyl ether		39	U	39	390

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-SI**

Lab Sample ID: 460-62993-21 Date Sampled: 09/13/2013 1020
Client Matrix: Solid % Moisture: 15.9 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182469	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-182330	Lab File ID:	112788.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/21/2013 1621			Final Weight/Volume:	1 mL
Prep Date:	09/20/2013 1111			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		61	U	61	390
Anthracene		48	U	48	390
Carbazole		46	U	46	390
Phenanthrene		1900		50	390
Pentachlorophenol		120	U	120	1200
Pyrene		410		33	390
Chrysene		46	U	46	390
Benzo[k]fluoranthene		3.0	U	3.0	39
Benzo[g,h,i]perylene		29	U	29	390
Benzo[b]fluoranthene		2.5	U	2.5	39
Benzo[a]pyrene		2.8	U	2.8	39
Benzo[a]anthracene		2.7	U	2.7	39
N-Nitrosodiphenylamine		39	U	39	390
Butyl benzyl phthalate		36	U	36	390
Bis(2-ethylhexyl) phthalate		130	U	130	390
Di-n-octyl phthalate		25	U	25	390
Indeno[1,2,3-cd]pyrene		7.3	U	7.3	39
Dibenz(a,h)anthracene		5.0	U	5.0	39
3,3'-Dichlorobenzidine		140	U	140	800
1,2,4,5-Tetrachlorobenzene		53	U	53	390
2,3,4,6-Tetrachlorophenol		51	U	51	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	76		38 - 105
Phenol-d5	80		41 - 118
Terphenyl-d14	81		16 - 151
2,4,6-Tribromophenol	64		10 - 120
2-Fluorophenol	88		37 - 125
2-Fluorobiphenyl	78		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-SI**

Lab Sample ID: 460-62993-21 Date Sampled: 09/13/2013 1020
Client Matrix: Solid % Moisture: 15.9 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182469	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-182330	Lab File ID:	112788.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/21/2013 1621			Final Weight/Volume:	1 mL
Prep Date:	09/20/2013 1111			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	1.65	7400	J
629-50-5	Tridecane	5.14	9900	J N
1127-76-0	Naphthalene, 1-ethyl-	5.72	14000	J N
581-40-8	Naphthalene, 2,3-dimethyl-	5.88	3800	J N
575-43-9	Naphthalene, 1,6-dimethyl-	5.99	7200	J N
17312-82-2	Undecane, 4,6-dimethyl-	6.04	4900	J N
629-59-4	Tetradecane	6.26	17000	J N
2245-38-7	Naphthalene, 1,6,7-trimethyl-	6.33	3500	J N
17312-62-8	Decane, 5-propyl-	6.46	4300	J N
829-26-5	Naphthalene, 2,3,6-trimethyl-	6.53	3800	J N
2245-38-7	Naphthalene, 1,6,7-trimethyl-	6.56	4500	J N
544-76-3	Hexadecane	6.75	14000	J N
643-58-3	1,1'-Biphenyl, 2-methyl-	6.79	4300	J N
62238-11-3	Decane, 2,3,5-trimethyl-	7.22	4300	J N
593-45-3	Octadecane	7.65	14000	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-VD**

Lab Sample ID: 460-62993-22 Date Sampled: 09/13/2013 1045
Client Matrix: Solid % Moisture: 4.2 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182283	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112737.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/20/2013 0949			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	340
2-Chlorophenol		45	U	45	340
2-Methylphenol		59	U	59	340
4-Methylphenol		68	U	68	340
Benzaldehyde		41	U	41	340
Acetophenone		53	U	53	340
Bis(2-chloroethyl)ether		4.7	U	4.7	34
2,2'-oxybis[1-chloropropane]		38	U	38	340
N-Nitrosodi-n-propylamine		5.8	U	5.8	34
Nitrobenzene		4.9	U	4.9	34
Hexachloroethane		3.8	U	3.8	34
Isophorone		42	U	42	340
2-Nitrophenol		38	U	38	340
2,4-Dimethylphenol		85	U	85	340
2,4-Dichlorophenol		50	U	50	340
Bis(2-chloroethoxy)methane		44	U	44	340
Naphthalene		40	U	40	340
4-Chloroaniline		91	U	91	340
Hexachlorobutadiene		8.4	U	8.4	70
Caprolactam		79	U	79	340
4-Chloro-3-methylphenol		52	U	52	340
2-Methylnaphthalene		44	U	44	340
Hexachlorobenzene		4.7	U	4.7	34
Hexachlorocyclopentadiene		41	U	41	340
2,4,6-Trichlorophenol		40	U	40	340
2,4,5-Trichlorophenol		44	U	44	340
Diphenyl		46	U	46	340
2-Chloronaphthalene		38	U	38	340
2-Nitroaniline		140	U	140	700
2,6-Dinitrotoluene		10	U	10	70
Dimethyl phthalate		41	U	41	340
Acenaphthylene		41	U	41	340
3-Nitroaniline		120	U	120	700
Acenaphthene		50	U	50	340
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		200	U	200	1000
Dibenzofuran		40	U	40	340
Diethyl phthalate		41	U	41	340
Fluorene		44	U	44	340
Fluoranthene		46	U	46	340
Di-n-butyl phthalate		43	U	43	340
2,4-Dinitrotoluene		11	U	11	70
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		110	U	110	700
4,6-Dinitro-2-methylphenol		94	U	94	1000
4-Bromophenyl phenyl ether		34	U	34	340

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-VD**

Lab Sample ID: 460-62993-22 Date Sampled: 09/13/2013 1045
Client Matrix: Solid % Moisture: 4.2 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182283	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112737.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/20/2013 0949			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		53	U	53	340
Anthracene		42	U	42	340
Carbazole		41	U	41	340
Phenanthrene		44	U	44	340
Pentachlorophenol		100	U	100	1000
Pyrene		29	U	29	340
Chrysene		40	U	40	340
Benzo[k]fluoranthene		2.6	U	2.6	34
Benzo[g,h,i]perylene		26	U	26	340
Benzo[b]fluoranthene		2.2	U	2.2	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[a]anthracene		2.4	U	2.4	34
N-Nitrosodiphenylamine		34	U	34	340
Butyl benzyl phthalate		32	U	32	340
Bis(2-ethylhexyl) phthalate		110	U	110	340
Di-n-octyl phthalate		22	U	22	340
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	34
Dibenz(a,h)anthracene		4.3	U	4.3	34
3,3'-Dichlorobenzidine		120	U	120	700
1,2,4,5-Tetrachlorobenzene		46	U	46	340
2,3,4,6-Tetrachlorophenol		45	U	45	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	76		38 - 105
Phenol-d5	86		41 - 118
Terphenyl-d14	86		16 - 151
2,4,6-Tribromophenol	71		10 - 120
2-Fluorophenol	91		37 - 125
2-Fluorobiphenyl	82		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-VD**

Lab Sample ID: 460-62993-22 Date Sampled: 09/13/2013 1045
Client Matrix: Solid % Moisture: 4.2 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182283	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112737.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/20/2013 0949			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			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: 460-62993-1

Client Sample ID: **PMP-10SE-WT**

Lab Sample ID: 460-62993-23 Date Sampled: 09/13/2013 1050
Client Matrix: Solid % Moisture: 11.8 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112707.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1852			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		50	U	50	370
2-Chlorophenol		49	U	49	370
2-Methylphenol		64	U	64	370
4-Methylphenol		74	U	74	370
Benzaldehyde		44	U	44	370
Acetophenone		58	U	58	370
Bis(2-chloroethyl)ether		5.1	U	5.1	37
2,2'-oxybis[1-chloropropane]		41	U	41	370
N-Nitrosodi-n-propylamine		6.3	U	6.3	37
Nitrobenzene		5.3	U	5.3	37
Hexachloroethane		4.2	U	4.2	37
Isophorone		45	U	45	370
2-Nitrophenol		42	U	42	370
2,4-Dimethylphenol		92	U	92	370
2,4-Dichlorophenol		55	U	55	370
Bis(2-chloroethoxy)methane		48	U	48	370
Naphthalene		43	U	43	370
4-Chloroaniline		99	U	99	370
Hexachlorobutadiene		9.1	U	9.1	76
Caprolactam		86	U	86	370
4-Chloro-3-methylphenol		57	U	57	370
2-Methylnaphthalene		48	U	48	370
Hexachlorobenzene		5.1	U	5.1	37
Hexachlorocyclopentadiene		44	U	44	370
2,4,6-Trichlorophenol		44	U	44	370
2,4,5-Trichlorophenol		48	U	48	370
Diphenyl		50	U	50	370
2-Chloronaphthalene		42	U	42	370
2-Nitroaniline		160	U	160	760
2,6-Dinitrotoluene		11	U	11	76
Dimethyl phthalate		44	U	44	370
Acenaphthylene		44	U	44	370
3-Nitroaniline		130	U	130	760
Acenaphthene		55	U	55	370
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		44	U	44	370
Diethyl phthalate		45	U	45	370
Fluorene		48	U	48	370
Fluoranthene		50	U	50	370
Di-n-butyl phthalate		46	U	46	370
2,4-Dinitrotoluene		12	U	12	76
4-Chlorophenyl phenyl ether		44	U	44	370
4-Nitroaniline		120	U	120	760
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		37	U	37	370

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-WT**

Lab Sample ID: 460-62993-23 Date Sampled: 09/13/2013 1050
Client Matrix: Solid % Moisture: 11.8 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112707.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1852			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		58	U	58	370
Anthracene		46	U	46	370
Carbazole		44	U	44	370
Phenanthrene		48	U	48	370
Pentachlorophenol		110	U	110	1100
Pyrene		31	U	31	370
Chrysene		44	U	44	370
Benzo[k]fluoranthene		2.8	U	2.8	37
Benzo[g,h,i]perylene		28	U	28	370
Benzo[b]fluoranthene		2.4	U	2.4	37
Benzo[a]pyrene		2.7	U	2.7	37
Benzo[a]anthracene		2.6	U	2.6	37
N-Nitrosodiphenylamine		37	U	37	370
Butyl benzyl phthalate		34	U	34	370
Bis(2-ethylhexyl) phthalate		120	U	120	370
Di-n-octyl phthalate		24	U	24	370
Indeno[1,2,3-cd]pyrene		7.0	U	7.0	37
Dibenz(a,h)anthracene		4.7	U	4.7	37
3,3'-Dichlorobenzidine		130	U	130	760
1,2,4,5-Tetrachlorobenzene		50	U	50	370
2,3,4,6-Tetrachlorophenol		49	U	49	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	77		38 - 105
Phenol-d5	82		41 - 118
Terphenyl-d14	85		16 - 151
2,4,6-Tribromophenol	71		10 - 120
2-Fluorophenol	89		37 - 125
2-Fluorobiphenyl	84		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-WT**

Lab Sample ID: 460-62993-23 Date Sampled: 09/13/2013 1050
Client Matrix: Solid % Moisture: 11.8 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112707.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1852			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			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: 460-62993-1

Client Sample ID: **PMP-10SE-SI**

Lab Sample ID: 460-62993-24 Date Sampled: 09/13/2013 1055
Client Matrix: Solid % Moisture: 14.5 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112708.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1921			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		52	U	52	390
2-Chlorophenol		51	U	51	390
2-Methylphenol		66	U	66	390
4-Methylphenol		76	U	76	390
Benzaldehyde		45	U	45	390
Acetophenone		59	U	59	390
Bis(2-chloroethyl)ether		5.3	U	5.3	39
2,2'-oxybis[1-chloropropane]		43	U	43	390
N-Nitrosodi-n-propylamine		6.5	U	6.5	39
Nitrobenzene		5.5	U	5.5	39
Hexachloroethane		4.3	U	4.3	39
Isophorone		47	U	47	390
2-Nitrophenol		43	U	43	390
2,4-Dimethylphenol		95	U	95	390
2,4-Dichlorophenol		57	U	57	390
Bis(2-chloroethoxy)methane		50	U	50	390
Naphthalene		45	U	45	390
4-Chloroaniline		100	U	100	390
Hexachlorobutadiene		9.4	U	9.4	78
Caprolactam		89	U	89	390
4-Chloro-3-methylphenol		58	U	58	390
2-Methylnaphthalene		50	U	50	390
Hexachlorobenzene		5.3	U	5.3	39
Hexachlorocyclopentadiene		45	U	45	390
2,4,6-Trichlorophenol		45	U	45	390
2,4,5-Trichlorophenol		50	U	50	390
Diphenyl		52	U	52	390
2-Chloronaphthalene		43	U	43	390
2-Nitroaniline		160	U	160	780
2,6-Dinitrotoluene		12	U	12	78
Dimethyl phthalate		46	U	46	390
Acenaphthylene		46	U	46	390
3-Nitroaniline		140	U	140	780
Acenaphthene		56	U	56	390
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		45	U	45	390
Diethyl phthalate		46	U	46	390
Fluorene		49	U	49	390
Fluoranthene		52	U	52	390
Di-n-butyl phthalate		48	U	48	390
2,4-Dinitrotoluene		13	U	13	78
4-Chlorophenyl phenyl ether		45	U	45	390
4-Nitroaniline		120	U	120	780
4,6-Dinitro-2-methylphenol		110	U	110	1200
4-Bromophenyl phenyl ether		38	U	38	390

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-SI**

Lab Sample ID: 460-62993-24 Date Sampled: 09/13/2013 1055
Client Matrix: Solid % Moisture: 14.5 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112708.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1921			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		60	U	60	390
Anthracene		47	U	47	390
Carbazole		46	U	46	390
Phenanthrene		49	U	49	390
Pentachlorophenol		120	U	120	1200
Pyrene		32	U	32	390
Chrysene		45	U	45	390
Benzo[k]fluoranthene		2.9	U	2.9	39
Benzo[g,h,i]perylene		29	U	29	390
Benzo[b]fluoranthene		2.4	U	2.4	39
Benzo[a]pyrene		2.7	U	2.7	39
Benzo[a]anthracene		2.7	U	2.7	39
N-Nitrosodiphenylamine		38	U	38	390
Butyl benzyl phthalate		35	U	35	390
Bis(2-ethylhexyl) phthalate		130	U	130	390
Di-n-octyl phthalate		25	U	25	390
Indeno[1,2,3-cd]pyrene		7.2	U	7.2	39
Dibenz(a,h)anthracene		4.9	U	4.9	39
3,3'-Dichlorobenzidine		140	U	140	780
1,2,4,5-Tetrachlorobenzene		52	U	52	390
2,3,4,6-Tetrachlorophenol		50	U	50	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	61		38 - 105
Phenol-d5	80		41 - 118
Terphenyl-d14	92		16 - 151
2,4,6-Tribromophenol	77		10 - 120
2-Fluorophenol	79		37 - 125
2-Fluorobiphenyl	74		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-SI**

Lab Sample ID: 460-62993-24 Date Sampled: 09/13/2013 1055
Client Matrix: Solid % Moisture: 14.5 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112708.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1921			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			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: 460-62993-1

Client Sample ID: **PMP-10SE-SD**

Lab Sample ID: 460-62993-25 Date Sampled: 09/13/2013 1100
Client Matrix: Solid % Moisture: 18.5 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112709.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1949			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		54	U	54	400
2-Chlorophenol		53	U	53	400
2-Methylphenol		69	U	69	400
4-Methylphenol		80	U	80	400
Benzaldehyde		48	U	48	400
Acetophenone		62	U	62	400
Bis(2-chloroethyl)ether		5.5	U	5.5	40
2,2'-oxybis[1-chloropropane]		45	U	45	400
N-Nitrosodi-n-propylamine		6.8	U	6.8	40
Nitrobenzene		5.8	U	5.8	40
Hexachloroethane		4.5	U	4.5	40
Isophorone		49	U	49	400
2-Nitrophenol		45	U	45	400
2,4-Dimethylphenol		100	U	100	400
2,4-Dichlorophenol		59	U	59	400
Bis(2-chloroethoxy)methane		52	U	52	400
Naphthalene		47	U	47	400
4-Chloroaniline		110	U	110	400
Hexachlorobutadiene		9.9	U	9.9	82
Caprolactam		93	U	93	400
4-Chloro-3-methylphenol		61	U	61	400
2-Methylnaphthalene		52	U	52	400
Hexachlorobenzene		5.5	U	5.5	40
Hexachlorocyclopentadiene		48	U	48	400
2,4,6-Trichlorophenol		47	U	47	400
2,4,5-Trichlorophenol		52	U	52	400
Diphenyl		54	U	54	400
2-Chloronaphthalene		45	U	45	400
2-Nitroaniline		170	U	170	820
2,6-Dinitrotoluene		12	U	12	82
Dimethyl phthalate		48	U	48	400
Acenaphthylene		48	U	48	400
3-Nitroaniline		140	U	140	820
Acenaphthene		59	U	59	400
4-Nitrophenol		260	U	260	1200
2,4-Dinitrophenol		230	U	230	1200
Dibenzofuran		48	U	48	400
Diethyl phthalate		48	U	48	400
Fluorene		52	U	52	400
Fluoranthene		54	U	54	400
Di-n-butyl phthalate		50	U	50	400
2,4-Dinitrotoluene		13	U	13	82
4-Chlorophenyl phenyl ether		48	U	48	400
4-Nitroaniline		130	U	130	820
4,6-Dinitro-2-methylphenol		110	U	110	1200
4-Bromophenyl phenyl ether		40	U	40	400

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-SD**

Lab Sample ID: 460-62993-25 Date Sampled: 09/13/2013 1100
Client Matrix: Solid % Moisture: 18.5 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112709.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1949			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		63	U	63	400
Anthracene		49	U	49	400
Carbazole		48	U	48	400
Phenanthrene		52	U	52	400
Pentachlorophenol		120	U	120	1200
Pyrene		34	U	34	400
Chrysene		47	U	47	400
Benzo[k]fluoranthene		3.1	U	3.1	40
Benzo[g,h,i]perylene		30	U	30	400
Benzo[b]fluoranthene		2.6	U	2.6	40
Benzo[a]pyrene		2.9	U	2.9	40
Benzo[a]anthracene		2.8	U	2.8	40
N-Nitrosodiphenylamine		40	U	40	400
Butyl benzyl phthalate		37	U	37	400
Bis(2-ethylhexyl) phthalate		130	U	130	400
Di-n-octyl phthalate		26	U	26	400
Indeno[1,2,3-cd]pyrene		7.5	U	7.5	40
Dibenz(a,h)anthracene		5.1	U	5.1	40
3,3'-Dichlorobenzidine		140	U	140	820
1,2,4,5-Tetrachlorobenzene		55	U	55	400
2,3,4,6-Tetrachlorophenol		53	U	53	400

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	65		38 - 105
Phenol-d5	75		41 - 118
Terphenyl-d14	81		16 - 151
2,4,6-Tribromophenol	68		10 - 120
2-Fluorophenol	80		37 - 125
2-Fluorobiphenyl	75		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-SD**

Lab Sample ID: 460-62993-25 Date Sampled: 09/13/2013 1100
Client Matrix: Solid % Moisture: 18.5 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112709.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1949			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			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: 460-62993-1

Client Sample ID: **PMP-13SE-VD**

Lab Sample ID: 460-62993-26 Date Sampled: 09/13/2013 1110
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112715.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 2240			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		60	U	60	350
4-Methylphenol		69	U	69	350
Benzaldehyde		41	U	41	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
Nitrobenzene		5.0	U	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		42	U	42	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		86	U	86	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		41	U	41	350
4-Chloroaniline		93	U	93	350
Hexachlorobutadiene		8.5	U	8.5	71
Caprolactam		81	U	81	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	710
2,6-Dinitrotoluene		11	U	11	71
Dimethyl phthalate		42	U	42	350
Acenaphthylene		41	U	41	350
3-Nitroaniline		120	U	120	710
Acenaphthene		51	U	51	350
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		47	U	47	350
Di-n-butyl phthalate		43	U	43	350
2,4-Dinitrotoluene		12	U	12	71
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
4,6-Dinitro-2-methylphenol		95	U	95	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-VD**

Lab Sample ID: 460-62993-26 Date Sampled: 09/13/2013 1110
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112715.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 2240			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		54	U	54	350
Anthracene		43	U	43	350
Carbazole		41	U	41	350
Phenanthrene		45	U	45	350
Pentachlorophenol		100	U	100	1100
Pyrene		29	U	29	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.7	U	2.7	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.4	U	2.4	35
N-Nitrosodiphenylamine		35	U	35	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	710
1,2,4,5-Tetrachlorobenzene		47	U	47	350
2,3,4,6-Tetrachlorophenol		46	U	46	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	73		38 - 105
Phenol-d5	86		41 - 118
Terphenyl-d14	92		16 - 151
2,4,6-Tribromophenol	73		10 - 120
2-Fluorophenol	90		37 - 125
2-Fluorobiphenyl	83		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-VD**

Lab Sample ID: 460-62993-26 Date Sampled: 09/13/2013 1110
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112715.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 2240			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			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: 460-62993-1

Client Sample ID: **PMP-13SE-WT**

Lab Sample ID: 460-62993-27 Date Sampled: 09/13/2013 1115
Client Matrix: Solid % Moisture: 12.6 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182283	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112736.D
Dilution:	10			Initial Weight/Volume:	15.04 g
Analysis Date:	09/20/2013 0920	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		510	U	510	3800
2-Chlorophenol		500	U	500	3800
2-Methylphenol		640	U	640	3800
4-Methylphenol		740	U	740	3800
Benzaldehyde		440	U	440	3800
Acetophenone		580	U	580	3800
Bis(2-chloroethyl)ether		51	U	51	380
2,2'-oxybis[1-chloropropane]		420	U	420	3800
N-Nitrosodi-n-propylamine		63	U	63	380
Nitrobenzene		54	U	54	380
Hexachloroethane		42	U	42	380
Isophorone		460	U	460	3800
2-Nitrophenol		420	U	420	3800
2,4-Dimethylphenol		930	U	930	3800
2,4-Dichlorophenol		550	U	550	3800
Bis(2-chloroethoxy)methane		490	U	490	3800
Naphthalene		440	U	440	3800
4-Chloroaniline		1000	U	1000	3800
Hexachlorobutadiene		92	U	92	760
Caprolactam		870	U	870	3800
4-Chloro-3-methylphenol		570	U	570	3800
2-Methylnaphthalene		490	U	490	3800
Hexachlorobenzene		52	U	52	380
Hexachlorocyclopentadiene		440	U	440	3800
2,4,6-Trichlorophenol		440	U	440	3800
2,4,5-Trichlorophenol		490	U	490	3800
Diphenyl		510	U	510	3800
2-Chloronaphthalene		420	U	420	3800
2-Nitroaniline		1600	U	1600	7600
2,6-Dinitrotoluene		110	U	110	760
Dimethyl phthalate		450	U	450	3800
Acenaphthylene		450	U	450	3800
3-Nitroaniline		1300	U	1300	7600
Acenaphthene		550	U	550	3800
4-Nitrophenol		2400	U	2400	11000
2,4-Dinitrophenol		2100	U	2100	11000
Dibenzofuran		440	U	440	3800
Diethyl phthalate		450	U	450	3800
Fluorene		480	U	480	3800
Fluoranthene		500	U	500	3800
Di-n-butyl phthalate		470	U	470	3800
2,4-Dinitrotoluene		120	U	120	760
4-Chlorophenyl phenyl ether		440	U	440	3800
4-Nitroaniline		1200	U	1200	7600
4,6-Dinitro-2-methylphenol		1000	U	1000	11000
4-Bromophenyl phenyl ether		370	U	370	3800

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-WT**

Lab Sample ID: 460-62993-27 Date Sampled: 09/13/2013 1115
Client Matrix: Solid % Moisture: 12.6 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182283	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112736.D
Dilution:	10			Initial Weight/Volume:	15.04 g
Analysis Date:	09/20/2013 0920	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		580	U	580	3800
Anthracene		460	U	460	3800
Carbazole		450	U	450	3800
Phenanthrene		480	U	480	3800
Pentachlorophenol		1100	U	1100	11000
Pyrene		320	U	320	3800
Chrysene		440	U	440	3800
Benzo[k]fluoranthene		29	U	29	380
Benzo[g,h,i]perylene		280	U	280	3800
Benzo[b]fluoranthene		24	U	24	380
Benzo[a]pyrene		27	U	27	380
Benzo[a]anthracene		26	U	26	380
N-Nitrosodiphenylamine		370	U	370	3800
Butyl benzyl phthalate		350	U	350	3800
Bis(2-ethylhexyl) phthalate		1300	U	1300	3800
Di-n-octyl phthalate		240	U	240	3800
Indeno[1,2,3-cd]pyrene		70	U	70	380
Dibenz(a,h)anthracene		48	U	48	380
3,3'-Dichlorobenzidine		1300	U	1300	7600
1,2,4,5-Tetrachlorobenzene		510	U	510	3800
2,3,4,6-Tetrachlorophenol		490	U	490	3800

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	0	D	38 - 105
Phenol-d5	0	D	41 - 118
Terphenyl-d14	0	D	16 - 151
2,4,6-Tribromophenol	0	D	10 - 120
2-Fluorophenol	0	D	37 - 125
2-Fluorobiphenyl	0	D	40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-WT**

Lab Sample ID: 460-62993-27 Date Sampled: 09/13/2013 1115
Client Matrix: Solid % Moisture: 12.6 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182283	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112736.D
Dilution:	10			Initial Weight/Volume:	15.04 g
Analysis Date:	09/20/2013 0920	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
74645-98-0	Dodecane, 2,7,10-trimethyl-	5.60	11000	D J N
629-59-4	Tetradecane	5.73	25000	D J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	6.05	25000	D J N
1560-95-8	Tetradecane, 2-methyl-	6.08	10000	D J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	6.13	13000	D J N
629-62-9	Pentadecane	6.26	41000	D J N
2245-38-7	Naphthalene, 1,6,7-trimethyl-	6.55	13000	D J N
55045-10-8	Tridecane, 6-propyl-	6.58	12000	D J N
544-76-3	Hexadecane	6.75	47000	D J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	6.97	20000	D J N
	Unknown alkane	7.23	60000	D J
2801-87-8	Pentadecane, 4-methyl-	7.69	15000	D J N
35693-92-6	1,1'-Biphenyl, 2,4,6-trichloro-	8.03	10000	D J N
629-92-5	Nonadecane	8.07	13000	D J N
112-95-8	Eicosane	8.47	9900	D J N

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-SI**

Lab Sample ID: 460-62993-28 Date Sampled: 09/13/2013 1120
Client Matrix: Solid % Moisture: 11.6 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112710.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 2017			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		50	U	50	370
2-Chlorophenol		49	U	49	370
2-Methylphenol		64	U	64	370
4-Methylphenol		74	U	74	370
Benzaldehyde		44	U	44	370
Acetophenone		57	U	57	370
Bis(2-chloroethyl)ether		5.1	U	5.1	37
2,2'-oxybis[1-chloropropane]		41	U	41	370
N-Nitrosodi-n-propylamine		6.2	U	6.2	37
Nitrobenzene		5.3	U	5.3	37
Hexachloroethane		4.2	U	4.2	37
Isophorone		45	U	45	370
2-Nitrophenol		42	U	42	370
2,4-Dimethylphenol		92	U	92	370
2,4-Dichlorophenol		55	U	55	370
Bis(2-chloroethoxy)methane		48	U	48	370
Naphthalene		43	U	43	370
4-Chloroaniline		99	U	99	370
Hexachlorobutadiene		9.1	U	9.1	76
Caprolactam		86	U	86	370
4-Chloro-3-methylphenol		56	U	56	370
2-Methylnaphthalene		48	U	48	370
Hexachlorobenzene		5.1	U	5.1	37
Hexachlorocyclopentadiene		44	U	44	370
2,4,6-Trichlorophenol		44	U	44	370
2,4,5-Trichlorophenol		48	U	48	370
Diphenyl		50	U	50	370
2-Chloronaphthalene		42	U	42	370
2-Nitroaniline		160	U	160	760
2,6-Dinitrotoluene		11	U	11	76
Dimethyl phthalate		44	U	44	370
Acenaphthylene		44	U	44	370
3-Nitroaniline		130	U	130	760
Acenaphthene		54	U	54	370
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		44	U	44	370
Diethyl phthalate		45	U	45	370
Fluorene		48	U	48	370
Fluoranthene		50	U	50	370
Di-n-butyl phthalate		46	U	46	370
2,4-Dinitrotoluene		12	U	12	76
4-Chlorophenyl phenyl ether		44	U	44	370
4-Nitroaniline		120	U	120	760
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		37	U	37	370

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-SI**

Lab Sample ID: 460-62993-28 Date Sampled: 09/13/2013 1120
Client Matrix: Solid % Moisture: 11.6 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112710.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 2017			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		58	U	58	370
Anthracene		45	U	45	370
Carbazole		44	U	44	370
Phenanthrene		48	U	48	370
Pentachlorophenol		110	U	110	1100
Pyrene		31	U	31	370
Chrysene		44	U	44	370
Benzo[k]fluoranthene		2.8	U	2.8	37
Benzo[g,h,i]perylene		28	U	28	370
Benzo[b]fluoranthene		2.4	U	2.4	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[a]anthracene		2.6	U	2.6	37
N-Nitrosodiphenylamine		37	U	37	370
Butyl benzyl phthalate		34	U	34	370
Bis(2-ethylhexyl) phthalate		120	U	120	370
Di-n-octyl phthalate		24	U	24	370
Indeno[1,2,3-cd]pyrene		6.9	U	6.9	37
Dibenz(a,h)anthracene		4.7	U	4.7	37
3,3'-Dichlorobenzidine		130	U	130	760
1,2,4,5-Tetrachlorobenzene		50	U	50	370
2,3,4,6-Tetrachlorophenol		49	U	49	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	84		38 - 105
Phenol-d5	88		41 - 118
Terphenyl-d14	93		16 - 151
2,4,6-Tribromophenol	78		10 - 120
2-Fluorophenol	95		37 - 125
2-Fluorobiphenyl	87		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-SI**

Lab Sample ID: 460-62993-28 Date Sampled: 09/13/2013 1120
Client Matrix: Solid % Moisture: 11.6 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112710.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 2017			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			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: 460-62993-1

Client Sample ID: **PMP-13SE-SD**

Lab Sample ID: 460-62993-29 Date Sampled: 09/13/2013 1125
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112711.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 2046			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		51	U	51	380
2-Chlorophenol		50	U	50	380
2-Methylphenol		65	U	65	380
4-Methylphenol		75	U	75	380
Benzaldehyde		45	U	45	380
Acetophenone		59	U	59	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.4	U	6.4	38
Nitrobenzene		5.4	U	5.4	38
Hexachloroethane		4.3	U	4.3	38
Isophorone		46	U	46	380
2-Nitrophenol		43	U	43	380
2,4-Dimethylphenol		95	U	95	380
2,4-Dichlorophenol		56	U	56	380
Bis(2-chloroethoxy)methane		49	U	49	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.3	U	9.3	78
Caprolactam		88	U	88	380
4-Chloro-3-methylphenol		58	U	58	380
2-Methylnaphthalene		49	U	49	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorocyclopentadiene		45	U	45	380
2,4,6-Trichlorophenol		45	U	45	380
2,4,5-Trichlorophenol		49	U	49	380
Diphenyl		51	U	51	380
2-Chloronaphthalene		43	U	43	380
2-Nitroaniline		160	U	160	780
2,6-Dinitrotoluene		12	U	12	78
Dimethyl phthalate		45	U	45	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		140	U	140	780
Acenaphthene		56	U	56	380
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		45	U	45	380
Diethyl phthalate		46	U	46	380
Fluorene		49	U	49	380
Fluoranthene		51	U	51	380
Di-n-butyl phthalate		47	U	47	380
2,4-Dinitrotoluene		13	U	13	78
4-Chlorophenyl phenyl ether		45	U	45	380
4-Nitroaniline		120	U	120	780
4,6-Dinitro-2-methylphenol		100	U	100	1200
4-Bromophenyl phenyl ether		38	U	38	380

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-SD**

Lab Sample ID: 460-62993-29 Date Sampled: 09/13/2013 1125
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112711.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 2046			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		59	U	59	380
Anthracene		47	U	47	380
Carbazole		45	U	45	380
Phenanthrene		49	U	49	380
Pentachlorophenol		110	U	110	1200
Pyrene		32	U	32	380
Chrysene		45	U	45	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.7	U	2.7	38
N-Nitrosodiphenylamine		38	U	38	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		24	U	24	380
Indeno[1,2,3-cd]pyrene		7.1	U	7.1	38
Dibenz(a,h)anthracene		4.8	U	4.8	38
3,3'-Dichlorobenzidine		130	U	130	780
1,2,4,5-Tetrachlorobenzene		52	U	52	380
2,3,4,6-Tetrachlorophenol		50	U	50	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	64		38 - 105
Phenol-d5	80		41 - 118
Terphenyl-d14	89		16 - 151
2,4,6-Tribromophenol	78		10 - 120
2-Fluorophenol	82		37 - 125
2-Fluorobiphenyl	80		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-SD**

Lab Sample ID: 460-62993-29 Date Sampled: 09/13/2013 1125
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112711.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 2046			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown alkane	11.70	330	J
295-48-7	Cyclopentadecane	11.74	370	J N
	Unknown alkane	12.57	320	J
	Unknown	12.62	400	J

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-30 Date Sampled: 09/13/2013 1145
Client Matrix: Solid % Moisture: 4.2 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5368.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/18/2013 2230			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	340
2-Chlorophenol		45	U	45	340
2-Methylphenol		59	U	59	340
4-Methylphenol		68	U	68	340
Benzaldehyde		40	U	40	340
Acetophenone		53	U	53	340
Bis(2-chloroethyl)ether		4.7	U	4.7	34
2,2'-oxybis[1-chloropropane]		38	U	38	340
N-Nitrosodi-n-propylamine		5.7	U	5.7	34
Nitrobenzene		4.9	U	4.9	34
Hexachloroethane		3.8	U	3.8	34
Isophorone		42	U	42	340
2-Nitrophenol		38	U	38	340
2,4-Dimethylphenol		85	U	85	340
2,4-Dichlorophenol		50	U	50	340
Bis(2-chloroethoxy)methane		44	U	44	340
Naphthalene		40	U	40	340
4-Chloroaniline		91	U	91	340
Hexachlorobutadiene		8.4	U	8.4	70
Caprolactam		79	U	79	340
4-Chloro-3-methylphenol		52	U	52	340
2-Methylnaphthalene		44	U	44	340
Hexachlorobenzene		4.7	U	4.7	34
Hexachlorocyclopentadiene		40	U	40	340
2,4,6-Trichlorophenol		40	U	40	340
2,4,5-Trichlorophenol		44	U	44	340
Diphenyl		46	U	46	340
2-Chloronaphthalene		38	U	38	340
2-Nitroaniline		140	U	140	700
2,6-Dinitrotoluene		10	U	10	70
Dimethyl phthalate		41	U	41	340
Acenaphthylene		41	U	41	340
3-Nitroaniline		120	U	120	700
Acenaphthene		50	U	50	340
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		200	U	200	1000
Dibenzofuran		40	U	40	340
Diethyl phthalate		41	U	41	340
Fluorene		44	U	44	340
Fluoranthene		46	U	46	340
Di-n-butyl phthalate		42	U	42	340
2,4-Dinitrotoluene		11	U	11	70
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		110	U	110	700
4,6-Dinitro-2-methylphenol		94	U	94	1000
4-Bromophenyl phenyl ether		34	U	34	340

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-30 Date Sampled: 09/13/2013 1145
Client Matrix: Solid % Moisture: 4.2 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5368.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/18/2013 2230			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		53	U	53	340
Anthracene		42	U	42	340
Carbazole		41	U	41	340
Phenanthrene		44	U	44	340
Pentachlorophenol		100	U	100	1000
Pyrene		29	U	29	340
Chrysene		40	U	40	340
Benzo[k]fluoranthene		2.6	U	2.6	34
Benzo[g,h,i]perylene		25	U	25	340
Benzo[b]fluoranthene		2.2	U	2.2	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[a]anthracene		2.4	U	2.4	34
N-Nitrosodiphenylamine		34	U	34	340
Butyl benzyl phthalate		32	U	32	340
Bis(2-ethylhexyl) phthalate		110	U	110	340
Di-n-octyl phthalate		22	U	22	340
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	34
Dibenz(a,h)anthracene		4.3	U	4.3	34
3,3'-Dichlorobenzidine		120	U	120	700
1,2,4,5-Tetrachlorobenzene		46	U *	46	340
2,3,4,6-Tetrachlorophenol		45	U *	45	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	79		38 - 105
Phenol-d5	76		41 - 118
Terphenyl-d14	69		16 - 151
2,4,6-Tribromophenol	56		10 - 120
2-Fluorophenol	55		37 - 125
2-Fluorobiphenyl	70		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-30 Date Sampled: 09/13/2013 1145
Client Matrix: Solid % Moisture: 4.2 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5368.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/18/2013 2230			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 9**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
629-59-4	Tetradecane	5.95	310	J N
	Unknown Alkane-1	6.27	290	J
629-62-9	Pentadecane	6.48	710	J N
544-76-3	Hexadecane	6.96	820	J N
55045-11-9	Tridecane, 5-propyl-	7.18	690	J N
	Unknown Alkane-2	7.26	310	J
629-78-7	Heptadecane	7.43	1800	J N
593-45-3	n-Octadecane	7.86	710	
593-45-3	Octadecane	8.28	450	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-31 Date Sampled: 09/13/2013 1150
Client Matrix: Solid % Moisture: 13.5 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112712.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 2114			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		51	U	51	380
2-Chlorophenol		50	U	50	380
2-Methylphenol		65	U	65	380
4-Methylphenol		75	U	75	380
Benzaldehyde		45	U	45	380
Acetophenone		59	U	59	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.4	U	6.4	38
Nitrobenzene		5.4	U	5.4	38
Hexachloroethane		4.3	U	4.3	38
Isophorone		46	U	46	380
2-Nitrophenol		43	U	43	380
2,4-Dimethylphenol		94	U	94	380
2,4-Dichlorophenol		56	U	56	380
Bis(2-chloroethoxy)methane		49	U	49	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.3	U	9.3	77
Caprolactam		88	U	88	380
4-Chloro-3-methylphenol		58	U	58	380
2-Methylnaphthalene		49	U	49	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorocyclopentadiene		45	U	45	380
2,4,6-Trichlorophenol		45	U	45	380
2,4,5-Trichlorophenol		49	U	49	380
Diphenyl		51	U	51	380
2-Chloronaphthalene		43	U	43	380
2-Nitroaniline		160	U	160	770
2,6-Dinitrotoluene		12	U	12	77
Dimethyl phthalate		45	U	45	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		140	U	140	770
Acenaphthene		56	U	56	380
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		45	U	45	380
Diethyl phthalate		46	U	46	380
Fluorene		49	U	49	380
Fluoranthene		51	U	51	380
Di-n-butyl phthalate		47	U	47	380
2,4-Dinitrotoluene		13	U	13	77
4-Chlorophenyl phenyl ether		45	U	45	380
4-Nitroaniline		120	U	120	770
4,6-Dinitro-2-methylphenol		100	U	100	1200
4-Bromophenyl phenyl ether		38	U	38	380

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-31 Date Sampled: 09/13/2013 1150
Client Matrix: Solid % Moisture: 13.5 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112712.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 2114			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		59	U	59	380
Anthracene		46	U	46	380
Carbazole		45	U	45	380
Phenanthrene		49	U	49	380
Pentachlorophenol		110	U	110	1200
Pyrene		32	U	32	380
Chrysene		45	U	45	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.7	U	2.7	38
N-Nitrosodiphenylamine		38	U	38	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		24	U	24	380
Indeno[1,2,3-cd]pyrene		7.1	U	7.1	38
Dibenz(a,h)anthracene		4.8	U	4.8	38
3,3'-Dichlorobenzidine		130	U	130	770
1,2,4,5-Tetrachlorobenzene		51	U	51	380
2,3,4,6-Tetrachlorophenol		50	U	50	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	73		38 - 105
Phenol-d5	83		41 - 118
Terphenyl-d14	92		16 - 151
2,4,6-Tribromophenol	73		10 - 120
2-Fluorophenol	88		37 - 125
2-Fluorobiphenyl	81		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-31 Date Sampled: 09/13/2013 1150
Client Matrix: Solid % Moisture: 13.5 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181712	Lab File ID:	112712.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 2114			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			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: 460-62993-1

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

Lab Sample ID: 460-62993-32 Date Sampled: 09/13/2013 1155
Client Matrix: Solid % Moisture: 14.6 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5369.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 2256			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		52	U	52	390
2-Chlorophenol		51	U	51	390
2-Methylphenol		66	U	66	390
4-Methylphenol		76	U	76	390
Benzaldehyde		46	U	46	390
Acetophenone		59	U	59	390
Bis(2-chloroethyl)ether		5.3	U	5.3	39
2,2'-oxybis[1-chloropropane]		43	U	43	390
N-Nitrosodi-n-propylamine		6.5	U	6.5	39
Nitrobenzene		5.5	U	5.5	39
Hexachloroethane		4.3	U	4.3	39
Isophorone		47	U	47	390
2-Nitrophenol		43	U	43	390
2,4-Dimethylphenol		95	U	95	390
2,4-Dichlorophenol		57	U	57	390
Bis(2-chloroethoxy)methane		50	U	50	390
Naphthalene		45	U	45	390
4-Chloroaniline		100	U	100	390
Hexachlorobutadiene		9.4	U	9.4	78
Caprolactam		89	U	89	390
4-Chloro-3-methylphenol		58	U	58	390
2-Methylnaphthalene		50	U	50	390
Hexachlorobenzene		5.3	U	5.3	39
Hexachlorocyclopentadiene		46	U	46	390
2,4,6-Trichlorophenol		45	U	45	390
2,4,5-Trichlorophenol		50	U	50	390
Diphenyl		52	U	52	390
2-Chloronaphthalene		43	U	43	390
2-Nitroaniline		160	U	160	780
2,6-Dinitrotoluene		12	U	12	78
Dimethyl phthalate		46	U	46	390
Acenaphthylene		46	U	46	390
3-Nitroaniline		140	U	140	780
Acenaphthene		56	U	56	390
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		45	U	45	390
Diethyl phthalate		46	U	46	390
Fluorene		50	U	50	390
Fluoranthene		52	U	52	390
Di-n-butyl phthalate		160	J	48	390
2,4-Dinitrotoluene		13	U	13	78
4-Chlorophenyl phenyl ether		45	U	45	390
4-Nitroaniline		120	U	120	780
4,6-Dinitro-2-methylphenol		110	U	110	1200
4-Bromophenyl phenyl ether		38	U	38	390

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-32 Date Sampled: 09/13/2013 1155
Client Matrix: Solid % Moisture: 14.6 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5369.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 2256			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		60	U	60	390
Anthracene		47	U	47	390
Carbazole		46	U	46	390
Phenanthrene		49	U	49	390
Pentachlorophenol		120	U	120	1200
Pyrene		32	U	32	390
Chrysene		45	U	45	390
Benzo[k]fluoranthene		2.9	U	2.9	39
Benzo[g,h,i]perylene		29	U	29	390
Benzo[b]fluoranthene		2.4	U	2.4	39
Benzo[a]pyrene		2.7	U	2.7	39
Benzo[a]anthracene		2.7	U	2.7	39
N-Nitrosodiphenylamine		38	U	38	390
Butyl benzyl phthalate		35	U	35	390
Bis(2-ethylhexyl) phthalate		130	U	130	390
Di-n-octyl phthalate		25	U	25	390
Indeno[1,2,3-cd]pyrene		7.2	U	7.2	39
Dibenz(a,h)anthracene		4.9	U	4.9	39
3,3'-Dichlorobenzidine		140	U	140	780
1,2,4,5-Tetrachlorobenzene		52	U *	52	390
2,3,4,6-Tetrachlorophenol		50	U *	50	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	78		38 - 105
Phenol-d5	83		41 - 118
Terphenyl-d14	82		16 - 151
2,4,6-Tribromophenol	71		10 - 120
2-Fluorophenol	69		37 - 125
2-Fluorobiphenyl	79		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-32 Date Sampled: 09/13/2013 1155
Client Matrix: Solid % Moisture: 14.6 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5369.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 2256			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			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: 460-62993-1

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

Lab Sample ID: 460-62993-33 Date Sampled: 09/13/2013 1200
Client Matrix: Solid % Moisture: 16.9 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5370.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/18/2013 2321			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		53	U	53	400
2-Chlorophenol		52	U	52	400
2-Methylphenol		68	U	68	400
4-Methylphenol		78	U	78	400
Benzaldehyde		47	U	47	400
Acetophenone		61	U	61	400
Bis(2-chloroethyl)ether		5.4	U	5.4	40
2,2'-oxybis[1-chloropropane]		44	U	44	400
N-Nitrosodi-n-propylamine		6.6	U	6.6	40
Nitrobenzene		5.6	U	5.6	40
Hexachloroethane		4.4	U	4.4	40
Isophorone		48	U	48	400
2-Nitrophenol		44	U	44	400
2,4-Dimethylphenol		98	U	98	400
2,4-Dichlorophenol		58	U	58	400
Bis(2-chloroethoxy)methane		51	U	51	400
Naphthalene		46	U	46	400
4-Chloroaniline		110	U	110	400
Hexachlorobutadiene		9.7	U	9.7	80
Caprolactam		91	U	91	400
4-Chloro-3-methylphenol		60	U	60	400
2-Methylnaphthalene		51	U	51	400
Hexachlorobenzene		5.4	U	5.4	40
Hexachlorocyclopentadiene		47	U	47	400
2,4,6-Trichlorophenol		46	U	46	400
2,4,5-Trichlorophenol		51	U	51	400
Diphenyl		53	U	53	400
2-Chloronaphthalene		44	U	44	400
2-Nitroaniline		170	U	170	800
2,6-Dinitrotoluene		12	U	12	80
Dimethyl phthalate		47	U	47	400
Acenaphthylene		47	U	47	400
3-Nitroaniline		140	U	140	800
Acenaphthene		58	U	58	400
4-Nitrophenol		260	U	260	1200
2,4-Dinitrophenol		230	U	230	1200
Dibenzofuran		47	U	47	400
Diethyl phthalate		47	U	47	400
Fluorene		51	U	51	400
Fluoranthene		53	U	53	400
Di-n-butyl phthalate		180	J	49	400
2,4-Dinitrotoluene		13	U	13	80
4-Chlorophenyl phenyl ether		47	U	47	400
4-Nitroaniline		120	U	120	800
4,6-Dinitro-2-methylphenol		110	U	110	1200
4-Bromophenyl phenyl ether		39	U	39	400

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-33 Date Sampled: 09/13/2013 1200
Client Matrix: Solid % Moisture: 16.9 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5370.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/18/2013 2321			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		61	U	61	400
Anthracene		48	U	48	400
Carbazole		47	U	47	400
Phenanthrene		51	U	51	400
Pentachlorophenol		120	U	120	1200
Pyrene		33	U	33	400
Chrysene		46	U	46	400
Benzo[k]fluoranthene		3.0	U	3.0	40
Benzo[g,h,i]perylene		29	U	29	400
Benzo[b]fluoranthene		2.5	U	2.5	40
Benzo[a]pyrene		2.8	U	2.8	40
Benzo[a]anthracene		2.8	U	2.8	40
N-Nitrosodiphenylamine		39	U	39	400
Butyl benzyl phthalate		36	U	36	400
Bis(2-ethylhexyl) phthalate		130	U	130	400
Di-n-octyl phthalate		25	U	25	400
Indeno[1,2,3-cd]pyrene		7.4	U	7.4	40
Dibenz(a,h)anthracene		5.0	U	5.0	40
3,3'-Dichlorobenzidine		140	U	140	800
1,2,4,5-Tetrachlorobenzene		53	U *	53	400
2,3,4,6-Tetrachlorophenol		52	U *	52	400

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	87		38 - 105
Phenol-d5	87		41 - 118
Terphenyl-d14	85		16 - 151
2,4,6-Tribromophenol	67		10 - 120
2-Fluorophenol	65		37 - 125
2-Fluorobiphenyl	86		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-33 Date Sampled: 09/13/2013 1200
Client Matrix: Solid % Moisture: 16.9 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5370.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/18/2013 2321			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
629-78-7	Heptadecane	7.43	430	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-31SE-VS**

Lab Sample ID: 460-62993-34 Date Sampled: 09/13/2013 1245
Client Matrix: Solid % Moisture: 5.1 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5382.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0428			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		59	U	59	350
4-Methylphenol		69	U	69	350
Benzaldehyde		41	U	41	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.7	U	4.7	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
Nitrobenzene		5.0	U	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		42	U	42	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		86	U	86	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		40	U	40	350
4-Chloroaniline		92	U	92	350
Hexachlorobutadiene		8.5	U	8.5	71
Caprolactam		80	U	80	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	710
2,6-Dinitrotoluene		11	U	11	71
Dimethyl phthalate		41	U	41	350
Acenaphthylene		41	U	41	350
3-Nitroaniline		120	U	120	710
Acenaphthene		51	U	51	350
4-Nitrophenol		220	U	220	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		41	U	41	350
Diethyl phthalate		41	U	41	350
Fluorene		45	U	45	350
Fluoranthene		46	U	46	350
Di-n-butyl phthalate		43	U	43	350
2,4-Dinitrotoluene		11	U	11	71
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
4,6-Dinitro-2-methylphenol		95	U	95	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-31SE-VS**

Lab Sample ID: 460-62993-34 Date Sampled: 09/13/2013 1245
Client Matrix: Solid % Moisture: 5.1 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5382.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0428			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		54	U	54	350
Anthracene		42	U	42	350
Carbazole		41	U	41	350
Phenanthrene		44	U	44	350
Pentachlorophenol		100	U	100	1100
Pyrene		29	U	29	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		7.1	J	2.6	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		14	J	2.2	35
Benzo[a]pyrene		9.7	J	2.5	35
Benzo[a]anthracene		2.4	U	2.4	35
N-Nitrosodiphenylamine		34	U	34	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		7.9	J	6.5	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	710
1,2,4,5-Tetrachlorobenzene		47	U *	47	350
2,3,4,6-Tetrachlorophenol		45	U *	45	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	88		38 - 105
Phenol-d5	83		41 - 118
Terphenyl-d14	81		16 - 151
2,4,6-Tribromophenol	69		10 - 120
2-Fluorophenol	72		37 - 125
2-Fluorobiphenyl	88		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-31SE-VS**

Lab Sample ID: 460-62993-34 Date Sampled: 09/13/2013 1245
Client Matrix: Solid % Moisture: 5.1 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5382.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0428			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 9**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,10-octa	9.90	310	J N
122-69-0	Cinnamyl cinnamate	10.25	330	J N
14021-23-9	D-Friedoolean-14-ene, 3-methoxy-, (3.bet	13.62	1000	J N
	Unknown-1	13.86	380	J
	Unknown-2	13.98	300	J
83-46-5	.beta.-Sitosterol	14.13	390	J N
300574-36-1	5-Bromo-4-oxo-4,5,6,7-tetrahydrobenzofur	14.18	610	J N
	Unknown-3	14.29	330	J
1058-61-3	Stigmast-4-en-3-one	14.62	290	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-31SE-VD**

Lab Sample ID: 460-62993-35 Date Sampled: 09/13/2013 1250
Client Matrix: Solid % Moisture: 5.3 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5371.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 2347			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		60	U	60	350
4-Methylphenol		69	U	69	350
Benzaldehyde		41	U	41	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
Nitrobenzene		5.0	U	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		42	U	42	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		86	U	86	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		40	U	40	350
4-Chloroaniline		92	U	92	350
Hexachlorobutadiene		8.5	U	8.5	71
Caprolactam		80	U	80	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	710
2,6-Dinitrotoluene		11	U	11	71
Dimethyl phthalate		41	U	41	350
Acenaphthylene		41	U	41	350
3-Nitroaniline		120	U	120	710
Acenaphthene		51	U	51	350
4-Nitrophenol		220	U	220	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		47	U	47	350
Di-n-butyl phthalate		43	U	43	350
2,4-Dinitrotoluene		12	U	12	71
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
4,6-Dinitro-2-methylphenol		95	U	95	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-31SE-VD**

Lab Sample ID: 460-62993-35 Date Sampled: 09/13/2013 1250
Client Matrix: Solid % Moisture: 5.3 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5371.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 2347			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		54	U	54	350
Anthracene		42	U	42	350
Carbazole		41	U	41	350
Phenanthrene		44	U	44	350
Pentachlorophenol		100	U	100	1100
Pyrene		29	U	29	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.6	U	2.6	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.4	U	2.4	35
N-Nitrosodiphenylamine		34	U	34	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	710
1,2,4,5-Tetrachlorobenzene		47	U *	47	350
2,3,4,6-Tetrachlorophenol		45	U *	45	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	76		38 - 105
Phenol-d5	86		41 - 118
Terphenyl-d14	85		16 - 151
2,4,6-Tribromophenol	74		10 - 120
2-Fluorophenol	69		37 - 125
2-Fluorobiphenyl	79		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-31SE-VD**

Lab Sample ID: 460-62993-35 Date Sampled: 09/13/2013 1250
Client Matrix: Solid % Moisture: 5.3 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5371.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 2347			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	9.51	990	J

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-36 Date Sampled: 09/13/2013 1255
Client Matrix: Solid % Moisture: 10.3 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5372.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0012			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		49	U	49	370
2-Chlorophenol		48	U	48	370
2-Methylphenol		63	U	63	370
4-Methylphenol		72	U	72	370
Benzaldehyde		43	U	43	370
Acetophenone		57	U	57	370
Bis(2-chloroethyl)ether		5.0	U	5.0	37
2,2'-oxybis[1-chloropropane]		41	U	41	370
N-Nitrosodi-n-propylamine		6.1	U	6.1	37
Nitrobenzene		5.2	U	5.2	37
Hexachloroethane		4.1	U	4.1	37
Isophorone		45	U	45	370
2-Nitrophenol		41	U	41	370
2,4-Dimethylphenol		91	U	91	370
2,4-Dichlorophenol		54	U	54	370
Bis(2-chloroethoxy)methane		48	U	48	370
Naphthalene		43	U	43	370
4-Chloroaniline		97	U	97	370
Hexachlorobutadiene		9.0	U	9.0	75
Caprolactam		85	U	85	370
4-Chloro-3-methylphenol		56	U	56	370
2-Methylnaphthalene		47	U	47	370
Hexachlorobenzene		5.0	U	5.0	37
Hexachlorocyclopentadiene		43	U	43	370
2,4,6-Trichlorophenol		43	U	43	370
2,4,5-Trichlorophenol		48	U	48	370
Diphenyl		49	U	49	370
2-Chloronaphthalene		41	U	41	370
2-Nitroaniline		150	U	150	750
2,6-Dinitrotoluene		11	U	11	75
Dimethyl phthalate		44	U	44	370
Acenaphthylene		44	U	44	370
3-Nitroaniline		130	U	130	750
Acenaphthene		54	U	54	370
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		43	U	43	370
Diethyl phthalate		44	U	44	370
Fluorene		47	U	47	370
Fluoranthene		49	U	49	370
Di-n-butyl phthalate		45	U	45	370
2,4-Dinitrotoluene		12	U	12	75
4-Chlorophenyl phenyl ether		43	U	43	370
4-Nitroaniline		110	U	110	750
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		36	U	36	370

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-36 Date Sampled: 09/13/2013 1255
Client Matrix: Solid % Moisture: 10.3 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5372.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0012			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		57	U	57	370
Anthracene		45	U	45	370
Carbazole		44	U	44	370
Phenanthrene		47	U	47	370
Pentachlorophenol		110	U	110	1100
Pyrene		31	U	31	370
Chrysene		43	U	43	370
Benzo[k]fluoranthene		2.8	U	2.8	37
Benzo[g,h,i]perylene		27	U	27	370
Benzo[b]fluoranthene		2.3	U	2.3	37
Benzo[a]pyrene		2.6	U	2.6	37
Benzo[a]anthracene		2.6	U	2.6	37
N-Nitrosodiphenylamine		36	U	36	370
Butyl benzyl phthalate		34	U	34	370
Bis(2-ethylhexyl) phthalate		120	U	120	370
Di-n-octyl phthalate		23	U	23	370
Indeno[1,2,3-cd]pyrene		6.8	U	6.8	37
Dibenz(a,h)anthracene		4.6	U	4.6	37
3,3'-Dichlorobenzidine		130	U	130	750
1,2,4,5-Tetrachlorobenzene		50	U *	50	370
2,3,4,6-Tetrachlorophenol		48	U *	48	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	76		38 - 105
Phenol-d5	78		41 - 118
Terphenyl-d14	81		16 - 151
2,4,6-Tribromophenol	73		10 - 120
2-Fluorophenol	59		37 - 125
2-Fluorobiphenyl	77		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-36 Date Sampled: 09/13/2013 1255
Client Matrix: Solid % Moisture: 10.3 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5372.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0012			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			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: 460-62993-1

Client Sample ID: **PMP-32SE-VS**

Lab Sample ID: 460-62993-37 Date Sampled: 09/13/2013 1230
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5383.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0454			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	340
2-Chlorophenol		45	U	45	340
2-Methylphenol		58	U	58	340
4-Methylphenol		67	U	67	340
Benzaldehyde		40	U	40	340
Acetophenone		53	U	53	340
Bis(2-chloroethyl)ether		4.7	U	4.7	34
2,2'-oxybis[1-chloropropane]		38	U	38	340
N-Nitrosodi-n-propylamine		5.7	U	5.7	34
Nitrobenzene		4.9	U	4.9	34
Hexachloroethane		3.8	U	3.8	34
Isophorone		41	U	41	340
2-Nitrophenol		38	U	38	340
2,4-Dimethylphenol		84	U	84	340
2,4-Dichlorophenol		50	U	50	340
Bis(2-chloroethoxy)methane		44	U	44	340
Naphthalene		40	U	40	340
4-Chloroaniline		91	U	91	340
Hexachlorobutadiene		8.3	U	8.3	69
Caprolactam		79	U	79	340
4-Chloro-3-methylphenol		52	U	52	340
2-Methylnaphthalene		44	U	44	340
Hexachlorobenzene		4.7	U	4.7	34
Hexachlorocyclopentadiene		40	U	40	340
2,4,6-Trichlorophenol		40	U	40	340
2,4,5-Trichlorophenol		44	U	44	340
Diphenyl		46	U	46	340
2-Chloronaphthalene		38	U	38	340
2-Nitroaniline		140	U	140	690
2,6-Dinitrotoluene		10	U	10	69
Dimethyl phthalate		41	U	41	340
Acenaphthylene		40	U	40	340
3-Nitroaniline		120	U	120	690
Acenaphthene		50	U	50	340
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		190	U	190	1000
Dibenzofuran		40	U	40	340
Diethyl phthalate		41	U	41	340
Fluorene		44	U	44	340
Fluoranthene		46	U	46	340
Di-n-butyl phthalate		42	U	42	340
2,4-Dinitrotoluene		11	U	11	69
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		110	U	110	690
4,6-Dinitro-2-methylphenol		93	U	93	1000
4-Bromophenyl phenyl ether		34	U	34	340

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-32SE-VS**

Lab Sample ID: 460-62993-37 Date Sampled: 09/13/2013 1230
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5383.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0454			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		53	U	53	340
Anthracene		42	U	42	340
Carbazole		40	U	40	340
Phenanthrene		44	U	44	340
Pentachlorophenol		100	U	100	1000
Pyrene		30	J	29	340
Chrysene		40	U	40	340
Benzo[k]fluoranthene		15	J	2.6	34
Benzo[g,h,i]perylene		25	U	25	340
Benzo[b]fluoranthene		31	J	2.2	34
Benzo[a]pyrene		21	J	2.4	34
Benzo[a]anthracene		2.4	U	2.4	34
N-Nitrosodiphenylamine		34	U	34	340
Butyl benzyl phthalate		31	U	31	340
Bis(2-ethylhexyl) phthalate		110	U	110	340
Di-n-octyl phthalate		22	U	22	340
Indeno[1,2,3-cd]pyrene		17	J	6.4	34
Dibenz(a,h)anthracene		4.3	U	4.3	34
3,3'-Dichlorobenzidine		120	U	120	690
1,2,4,5-Tetrachlorobenzene		46	U *	46	340
2,3,4,6-Tetrachlorophenol		44	U *	44	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	82		38 - 105
Phenol-d5	79		41 - 118
Terphenyl-d14	77		16 - 151
2,4,6-Tribromophenol	67		10 - 120
2-Fluorophenol	69		37 - 125
2-Fluorobiphenyl	87		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-32SE-VS**

Lab Sample ID: 460-62993-37 Date Sampled: 09/13/2013 1230
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5383.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0454			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 5**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
122-69-0	Cinnamyl cinnamate	10.25	580	J N
1000214-20-7	Stigmasterol, 22,23-dihydro-	14.10	540	J N
	Unknown-1	14.55	300	J
	Unknown-2	14.62	300	J
	Unknown-3	15.50	450	J

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-38 Date Sampled: 09/13/2013 1235
Client Matrix: Solid % Moisture: 7.9 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	z2379.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/20/2013 0957			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		48	U	48	360
2-Chlorophenol		47	U	47	360
2-Methylphenol		61	U	61	360
4-Methylphenol		71	U	71	360
Benzaldehyde		42	U	42	360
Acetophenone		55	U	55	360
Bis(2-chloroethyl)ether		4.9	U	4.9	36
2,2'-oxybis[1-chloropropane]		40	U	40	360
N-Nitrosodi-n-propylamine		6.0	U	6.0	36
Nitrobenzene		5.1	U	5.1	36
Hexachloroethane		4.0	U	4.0	36
Isophorone		43	U	43	360
2-Nitrophenol		40	U	40	360
2,4-Dimethylphenol		88	U	88	360
2,4-Dichlorophenol		52	U	52	360
Bis(2-chloroethoxy)methane		46	U	46	360
Naphthalene		41	U	41	360
4-Chloroaniline		95	U	95	360
Hexachlorobutadiene		8.7	U	8.7	73
Caprolactam		83	U	83	360
4-Chloro-3-methylphenol		54	U	54	360
2-Methylnaphthalene		46	U	46	360
Hexachlorobenzene		4.9	U	4.9	36
Hexachlorocyclopentadiene		42	U	42	360
2,4,6-Trichlorophenol		42	U	42	360
2,4,5-Trichlorophenol		46	U	46	360
Diphenyl		48	U	48	360
2-Chloronaphthalene		40	U	40	360
2-Nitroaniline		150	U	150	730
2,6-Dinitrotoluene		11	U	11	73
Dimethyl phthalate		42	U	42	360
Acenaphthylene		42	U	42	360
3-Nitroaniline		130	U	130	730
Acenaphthene		52	U	52	360
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		42	U	42	360
Diethyl phthalate		43	U	43	360
Fluorene		46	U	46	360
Fluoranthene		48	U	48	360
Di-n-butyl phthalate		44	U	44	360
2,4-Dinitrotoluene		12	U	12	73
4-Chlorophenyl phenyl ether		42	U	42	360
4-Nitroaniline		110	U	110	730
4,6-Dinitro-2-methylphenol		98	U	98	1100
4-Bromophenyl phenyl ether		36	U	36	360

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-38 Date Sampled: 09/13/2013 1235
Client Matrix: Solid % Moisture: 7.9 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	z2379.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/20/2013 0957			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		55	U	55	360
Anthracene		44	U	44	360
Carbazole		42	U	42	360
Phenanthrene		46	U	46	360
Pentachlorophenol		110	U	110	1100
Pyrene		30	U	30	360
Chrysene		42	U	42	360
Benzo[k]fluoranthene		2.7	U	2.7	36
Benzo[g,h,i]perylene		27	U	27	360
Benzo[b]fluoranthene		14	J	2.3	36
Benzo[a]pyrene		2.5	U	2.5	36
Benzo[a]anthracene		2.5	U	2.5	36
N-Nitrosodiphenylamine		35	U	35	360
Butyl benzyl phthalate		33	U	33	360
Bis(2-ethylhexyl) phthalate		120	U	120	360
Di-n-octyl phthalate		23	U	23	360
Indeno[1,2,3-cd]pyrene		6.7	U	6.7	36
Dibenz(a,h)anthracene		4.5	U	4.5	36
3,3'-Dichlorobenzidine		130	U	130	730
1,2,4,5-Tetrachlorobenzene		48	U *	48	360
2,3,4,6-Tetrachlorophenol		47	U *	47	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	74		38 - 105
Phenol-d5	80		41 - 118
Terphenyl-d14	80		16 - 151
2,4,6-Tribromophenol	73		10 - 120
2-Fluorophenol	77		37 - 125
2-Fluorobiphenyl	86		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-38 Date Sampled: 09/13/2013 1235
Client Matrix: Solid % Moisture: 7.9 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182384	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	z2379.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/20/2013 0957			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **8**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown-1	7.17	430	J
70-55-3	Benzenesulfonamide, 4-methyl-	8.33	390	J N
483-65-8	Phenanthrene, 1-methyl-7-(1-methylethyl)	10.70	520	J N
	Unknown-2	11.12	680	J
	Unknown-3	11.42	1100	J
	Unknown-4	12.13	340	J
	Unknown-5	15.03	310	J
	Unknown-6	16.05	540	J

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-39 Date Sampled: 09/13/2013 1240
Client Matrix: Solid % Moisture: 14.3 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5378.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0246			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		52	U	52	380
2-Chlorophenol		51	U	51	380
2-Methylphenol		66	U	66	380
4-Methylphenol		76	U	76	380
Benzaldehyde		45	U	45	380
Acetophenone		59	U	59	380
Bis(2-chloroethyl)ether		5.3	U	5.3	38
2,2'-oxybis[1-chloropropane]		43	U	43	380
N-Nitrosodi-n-propylamine		6.4	U	6.4	38
Nitrobenzene		5.5	U	5.5	38
Hexachloroethane		4.3	U	4.3	38
Isophorone		47	U	47	380
2-Nitrophenol		43	U	43	380
2,4-Dimethylphenol		95	U	95	380
2,4-Dichlorophenol		56	U	56	380
Bis(2-chloroethoxy)methane		50	U	50	380
Naphthalene		45	U	45	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.4	U	9.4	78
Caprolactam		89	U	89	380
4-Chloro-3-methylphenol		58	U	58	380
2-Methylnaphthalene		50	U	50	380
Hexachlorobenzene		5.3	U	5.3	38
Hexachlorocyclopentadiene		45	U	45	380
2,4,6-Trichlorophenol		45	U	45	380
2,4,5-Trichlorophenol		50	U	50	380
Diphenyl		52	U	52	380
2-Chloronaphthalene		43	U	43	380
2-Nitroaniline		160	U	160	780
2,6-Dinitrotoluene		12	U	12	78
Dimethyl phthalate		46	U	46	380
Acenaphthylene		46	U	46	380
3-Nitroaniline		140	U	140	780
Acenaphthene		56	U	56	380
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		45	U	45	380
Diethyl phthalate		46	U	46	380
Fluorene		49	U	49	380
Fluoranthene		51	U	51	380
Di-n-butyl phthalate		48	U	48	380
2,4-Dinitrotoluene		13	U	13	78
4-Chlorophenyl phenyl ether		45	U	45	380
4-Nitroaniline		120	U	120	780
4,6-Dinitro-2-methylphenol		100	U	100	1200
4-Bromophenyl phenyl ether		38	U	38	380

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-39 Date Sampled: 09/13/2013 1240
Client Matrix: Solid % Moisture: 14.3 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5378.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0246			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		60	U	60	380
Anthracene		47	U	47	380
Carbazole		46	U	46	380
Phenanthrene		49	U	49	380
Pentachlorophenol		110	U	110	1200
Pyrene		32	U	32	380
Chrysene		45	U	45	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		29	U	29	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.7	U	2.7	38
N-Nitrosodiphenylamine		38	U	38	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		25	U	25	380
Indeno[1,2,3-cd]pyrene		7.2	U	7.2	38
Dibenz(a,h)anthracene		4.9	U	4.9	38
3,3'-Dichlorobenzidine		140	U	140	780
1,2,4,5-Tetrachlorobenzene		52	U *	52	380
2,3,4,6-Tetrachlorophenol		50	U *	50	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	92		38 - 105
Phenol-d5	80		41 - 118
Terphenyl-d14	82		16 - 151
2,4,6-Tribromophenol	71		10 - 120
2-Fluorophenol	68		37 - 125
2-Fluorobiphenyl	83		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-39 Date Sampled: 09/13/2013 1240
Client Matrix: Solid % Moisture: 14.3 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5378.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0246			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **3**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	6.77	500	J
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	7.44	610	J N
10544-50-0	Cyclic octaatomic sulfur	9.10	1600	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP-091313**

Lab Sample ID: 460-62993-40FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 3.9 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5379.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 0312			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		46	U	46	340
2-Chlorophenol		45	U	45	340
2-Methylphenol		59	U	59	340
4-Methylphenol		68	U	68	340
Benzaldehyde		40	U	40	340
Acetophenone		53	U	53	340
Bis(2-chloroethyl)ether		4.7	U	4.7	34
2,2'-oxybis[1-chloropropane]		38	U	38	340
N-Nitrosodi-n-propylamine		5.7	U	5.7	34
Nitrobenzene		4.9	U	4.9	34
Hexachloroethane		3.8	U	3.8	34
Isophorone		42	U	42	340
2-Nitrophenol		38	U	38	340
2,4-Dimethylphenol		85	U	85	340
2,4-Dichlorophenol		50	U	50	340
Bis(2-chloroethoxy)methane		44	U	44	340
Naphthalene		40	U	40	340
4-Chloroaniline		91	U	91	340
Hexachlorobutadiene		8.4	U	8.4	70
Caprolactam		79	U	79	340
4-Chloro-3-methylphenol		52	U	52	340
2-Methylnaphthalene		44	U	44	340
Hexachlorobenzene		4.7	U	4.7	34
Hexachlorocyclopentadiene		40	U	40	340
2,4,6-Trichlorophenol		40	U	40	340
2,4,5-Trichlorophenol		44	U	44	340
Diphenyl		46	U	46	340
2-Chloronaphthalene		38	U	38	340
2-Nitroaniline		140	U	140	700
2,6-Dinitrotoluene		10	U	10	70
Dimethyl phthalate		41	U	41	340
Acenaphthylene		41	U	41	340
3-Nitroaniline		120	U	120	700
Acenaphthene		50	U	50	340
4-Nitrophenol		220	U	220	1000
2,4-Dinitrophenol		200	U	200	1000
Dibenzofuran		40	U	40	340
Diethyl phthalate		41	U	41	340
Fluorene		44	U	44	340
Fluoranthene		46	U	46	340
Di-n-butyl phthalate		42	U	42	340
2,4-Dinitrotoluene		11	U	11	70
4-Chlorophenyl phenyl ether		40	U	40	340
4-Nitroaniline		110	U	110	700
4,6-Dinitro-2-methylphenol		94	U	94	1000
4-Bromophenyl phenyl ether		34	U	34	340

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP-091313**

Lab Sample ID: 460-62993-40FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 3.9 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5379.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 0312			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		53	U	53	340
Anthracene		42	U	42	340
Carbazole		41	U	41	340
Phenanthrene		44	U	44	340
Pentachlorophenol		100	U	100	1000
Pyrene		29	U	29	340
Chrysene		40	U	40	340
Benzo[k]fluoranthene		2.6	U	2.6	34
Benzo[g,h,i]perylene		25	U	25	340
Benzo[b]fluoranthene		2.2	U	2.2	34
Benzo[a]pyrene		2.4	U	2.4	34
Benzo[a]anthracene		2.4	U	2.4	34
N-Nitrosodiphenylamine		34	U	34	340
Butyl benzyl phthalate		31	U	31	340
Bis(2-ethylhexyl) phthalate		110	U	110	340
Di-n-octyl phthalate		22	U	22	340
Indeno[1,2,3-cd]pyrene		6.4	U	6.4	34
Dibenz(a,h)anthracene		4.3	U	4.3	34
3,3'-Dichlorobenzidine		120	U	120	700
1,2,4,5-Tetrachlorobenzene		46	U *	46	340
2,3,4,6-Tetrachlorophenol		45	U *	45	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	78		38 - 105
Phenol-d5	80		41 - 118
Terphenyl-d14	80		16 - 151
2,4,6-Tribromophenol	73		10 - 120
2-Fluorophenol	67		37 - 125
2-Fluorobiphenyl	82		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP-091313**

Lab Sample ID: 460-62993-40FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 3.9 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5379.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 0312			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			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: 460-62993-1

Client Sample ID: **DUP1-091313**

Lab Sample ID: 460-62993-41FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5373.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0038			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		51	U	51	380
2-Chlorophenol		49	U	49	380
2-Methylphenol		64	U	64	380
4-Methylphenol		74	U	74	380
Benzaldehyde		44	U	44	380
Acetophenone		58	U	58	380
Bis(2-chloroethyl)ether		5.1	U	5.1	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.3	U	6.3	38
Nitrobenzene		5.3	U	5.3	38
Hexachloroethane		4.2	U	4.2	38
Isophorone		46	U	46	380
2-Nitrophenol		42	U	42	380
2,4-Dimethylphenol		93	U	93	380
2,4-Dichlorophenol		55	U	55	380
Bis(2-chloroethoxy)methane		49	U	49	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.2	U	9.2	76
Caprolactam		87	U	87	380
4-Chloro-3-methylphenol		57	U	57	380
2-Methylnaphthalene		48	U	48	380
Hexachlorobenzene		5.1	U	5.1	38
Hexachlorocyclopentadiene		44	U	44	380
2,4,6-Trichlorophenol		44	U	44	380
2,4,5-Trichlorophenol		49	U	49	380
Diphenyl		50	U	50	380
2-Chloronaphthalene		42	U	42	380
2-Nitroaniline		160	U	160	760
2,6-Dinitrotoluene		11	U	11	76
Dimethyl phthalate		45	U	45	380
Acenaphthylene		44	U	44	380
3-Nitroaniline		130	U	130	760
Acenaphthene		55	U	55	380
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		44	U	44	380
Diethyl phthalate		45	U	45	380
Fluorene		48	U	48	380
Fluoranthene		50	U	50	380
Di-n-butyl phthalate		46	U	46	380
2,4-Dinitrotoluene		12	U	12	76
4-Chlorophenyl phenyl ether		44	U	44	380
4-Nitroaniline		120	U	120	760
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		37	U	37	380

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP1-091313**

Lab Sample ID: 460-62993-41FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5373.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0038			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		58	U	58	380
Anthracene		46	U	46	380
Carbazole		44	U	44	380
Phenanthrene		48	U	48	380
Pentachlorophenol		110	U	110	1100
Pyrene		32	U	32	380
Chrysene		44	U	44	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.6	U	2.6	38
N-Nitrosodiphenylamine		37	U	37	380
Butyl benzyl phthalate		34	U	34	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		24	U	24	380
Indeno[1,2,3-cd]pyrene		7.0	U	7.0	38
Dibenz(a,h)anthracene		4.7	U	4.7	38
3,3'-Dichlorobenzidine		130	U	130	760
1,2,4,5-Tetrachlorobenzene		51	U *	51	380
2,3,4,6-Tetrachlorophenol		49	U *	49	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	55		38 - 105
Phenol-d5	70		41 - 118
Terphenyl-d14	84		16 - 151
2,4,6-Tribromophenol	70		10 - 120
2-Fluorophenol	55		37 - 125
2-Fluorobiphenyl	63		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP1-091313**

Lab Sample ID: 460-62993-41FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5373.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0038			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			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: 460-62993-1

Client Sample ID: **DUP2-091313**

Lab Sample ID: 460-62993-42FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 14.1 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5374.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 0104			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		52	U	52	380
2-Chlorophenol		51	U	51	380
2-Methylphenol		66	U	66	380
4-Methylphenol		76	U	76	380
Benzaldehyde		45	U	45	380
Acetophenone		59	U	59	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
2,2'-oxybis[1-chloropropane]		43	U	43	380
N-Nitrosodi-n-propylamine		6.4	U	6.4	38
Nitrobenzene		5.5	U	5.5	38
Hexachloroethane		4.3	U	4.3	38
Isophorone		47	U	47	380
2-Nitrophenol		43	U	43	380
2,4-Dimethylphenol		95	U	95	380
2,4-Dichlorophenol		56	U	56	380
Bis(2-chloroethoxy)methane		50	U	50	380
Naphthalene		45	U	45	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.4	U	9.4	78
Caprolactam		89	U	89	380
4-Chloro-3-methylphenol		58	U	58	380
2-Methylnaphthalene		49	U	49	380
Hexachlorobenzene		5.3	U	5.3	38
Hexachlorocyclopentadiene		45	U	45	380
2,4,6-Trichlorophenol		45	U	45	380
2,4,5-Trichlorophenol		50	U	50	380
Diphenyl		52	U	52	380
2-Chloronaphthalene		43	U	43	380
2-Nitroaniline		160	U	160	780
2,6-Dinitrotoluene		12	U	12	78
Dimethyl phthalate		46	U	46	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		140	U	140	780
Acenaphthene		56	U	56	380
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		45	U	45	380
Diethyl phthalate		46	U	46	380
Fluorene		49	U	49	380
Fluoranthene		51	U	51	380
Di-n-butyl phthalate		47	U	47	380
2,4-Dinitrotoluene		13	U	13	78
4-Chlorophenyl phenyl ether		45	U	45	380
4-Nitroaniline		120	U	120	780
4,6-Dinitro-2-methylphenol		100	U	100	1200
4-Bromophenyl phenyl ether		38	U	38	380

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP2-091313**

Lab Sample ID: 460-62993-42FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 14.1 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5374.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 0104			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		59	U	59	380
Anthracene		47	U	47	380
Carbazole		45	U	45	380
Phenanthrene		49	U	49	380
Pentachlorophenol		110	U	110	1200
Pyrene		32	U	32	380
Chrysene		45	U	45	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		29	U	29	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.7	U	2.7	38
N-Nitrosodiphenylamine		38	U	38	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		25	U	25	380
Indeno[1,2,3-cd]pyrene		7.2	U	7.2	38
Dibenz(a,h)anthracene		4.9	U	4.9	38
3,3'-Dichlorobenzidine		130	U	130	780
1,2,4,5-Tetrachlorobenzene		52	U *	52	380
2,3,4,6-Tetrachlorophenol		50	U *	50	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	69		38 - 105
Phenol-d5	77		41 - 118
Terphenyl-d14	80		16 - 151
2,4,6-Tribromophenol	65		10 - 120
2-Fluorophenol	56		37 - 125
2-Fluorobiphenyl	71		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP2-091313**

Lab Sample ID: 460-62993-42FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 14.1 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5374.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 0104			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			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: 460-62993-1

Client Sample ID: **DUP3-091313**

Lab Sample ID: 460-62993-43FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 17.9 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5375.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0129			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		54	U	54	400
2-Chlorophenol		53	U	53	400
2-Methylphenol		69	U	69	400
4-Methylphenol		79	U	79	400
Benzaldehyde		47	U	47	400
Acetophenone		62	U	62	400
Bis(2-chloroethyl)ether		5.5	U	5.5	40
2,2'-oxybis[1-chloropropane]		45	U	45	400
N-Nitrosodi-n-propylamine		6.7	U	6.7	40
Nitrobenzene		5.7	U	5.7	40
Hexachloroethane		4.5	U	4.5	40
Isophorone		49	U	49	400
2-Nitrophenol		45	U	45	400
2,4-Dimethylphenol		99	U	99	400
2,4-Dichlorophenol		59	U	59	400
Bis(2-chloroethoxy)methane		52	U	52	400
Naphthalene		47	U	47	400
4-Chloroaniline		110	U	110	400
Hexachlorobutadiene		9.8	U	9.8	82
Caprolactam		93	U	93	400
4-Chloro-3-methylphenol		61	U	61	400
2-Methylnaphthalene		52	U	52	400
Hexachlorobenzene		5.5	U	5.5	40
Hexachlorocyclopentadiene		47	U	47	400
2,4,6-Trichlorophenol		47	U	47	400
2,4,5-Trichlorophenol		52	U	52	400
Diphenyl		54	U	54	400
2-Chloronaphthalene		45	U	45	400
2-Nitroaniline		170	U	170	820
2,6-Dinitrotoluene		12	U	12	82
Dimethyl phthalate		48	U	48	400
Acenaphthylene		48	U	48	400
3-Nitroaniline		140	U	140	820
Acenaphthene		59	U	59	400
4-Nitrophenol		260	U	260	1200
2,4-Dinitrophenol		230	U	230	1200
Dibenzofuran		47	U	47	400
Diethyl phthalate		48	U	48	400
Fluorene		51	U	51	400
Fluoranthene		54	U	54	400
Di-n-butyl phthalate		50	U	50	400
2,4-Dinitrotoluene		13	U	13	82
4-Chlorophenyl phenyl ether		47	U	47	400
4-Nitroaniline		130	U	130	820
4,6-Dinitro-2-methylphenol		110	U	110	1200
4-Bromophenyl phenyl ether		40	U	40	400

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP3-091313**

Lab Sample ID: 460-62993-43FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 17.9 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5375.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0129			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		62	U	62	400
Anthracene		49	U	49	400
Carbazole		48	U	48	400
Phenanthrene		51	U	51	400
Pentachlorophenol		120	U	120	1200
Pyrene		34	U	34	400
Chrysene		47	U	47	400
Benzo[k]fluoranthene		3.1	U	3.1	40
Benzo[g,h,i]perylene		30	U	30	400
Benzo[b]fluoranthene		2.5	U	2.5	40
Benzo[a]pyrene		2.8	U	2.8	40
Benzo[a]anthracene		2.8	U	2.8	40
N-Nitrosodiphenylamine		40	U	40	400
Butyl benzyl phthalate		37	U	37	400
Bis(2-ethylhexyl) phthalate		130	U	130	400
Di-n-octyl phthalate		26	U	26	400
Indeno[1,2,3-cd]pyrene		7.5	U	7.5	40
Dibenz(a,h)anthracene		5.1	U	5.1	40
3,3'-Dichlorobenzidine		140	U	140	820
1,2,4,5-Tetrachlorobenzene		54	U *	54	400
2,3,4,6-Tetrachlorophenol		52	U *	52	400

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	74		38 - 105
Phenol-d5	85		41 - 118
Terphenyl-d14	86		16 - 151
2,4,6-Tribromophenol	80		10 - 120
2-Fluorophenol	67		37 - 125
2-Fluorobiphenyl	79		40 - 109

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP3-091313**

Lab Sample ID: 460-62993-43FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 17.9 Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Prep Method:	3541	Prep Batch:	460-181718	Lab File ID:	x5375.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0129			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			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: 460-62993-1

Client Sample ID: **FB-091313**

Lab Sample ID: 460-62993-44FB Date Sampled: 09/13/2013 1300
Client Matrix: Water Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182282	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-181730	Lab File ID:	M69607.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	09/20/2013 0930			Final Weight/Volume:	2 mL
Prep Date:	09/17/2013 0945			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	0.63	U *	0.63	10
2-Chlorophenol	0.97	U	0.97	10
2-Methylphenol	1.5	U	1.5	10
4-Methylphenol	1.0	U	1.0	10
Benzaldehyde	2.2	U	2.2	10
Acetophenone	0.93	U	0.93	10
Bis(2-chloroethyl)ether	0.31	U	0.31	1.0
2,2'-oxybis[1-chloropropane]	1.4	U	1.4	10
N-Nitrosodi-n-propylamine	0.28	U	0.28	1.0
Nitrobenzene	0.35	U *	0.35	1.0
Hexachloroethane	0.16	U	0.16	1.0
Isophorone	1.4	U	1.4	10
2-Nitrophenol	0.71	U	0.71	10
2,4-Dimethylphenol	1.3	U	1.3	10
2,4-Dichlorophenol	1.1	U	1.1	10
Bis(2-chloroethoxy)methane	1.0	U	1.0	10
Naphthalene	2.1	U	2.1	10
4-Chloroaniline	0.33	U	0.33	1.0
Hexachlorobutadiene	0.71	U	0.71	2.1
Caprolactam	0.95	U *	0.95	10
4-Chloro-3-methylphenol	1.1	U	1.1	10
2-Methylnaphthalene	1.6	U	1.6	10
Hexachlorobenzene	0.21	U	0.21	1.0
Hexachlorocyclopentadiene	1.6	U	1.6	10
2,4,6-Trichlorophenol	1.5	U	1.5	10
2,4,5-Trichlorophenol	2.3	U	2.3	10
Diphenyl	1.9	U	1.9	10
2-Chloronaphthalene	1.4	U	1.4	10
2-Nitroaniline	2.1	U *	2.1	21
2,6-Dinitrotoluene	0.28	U	0.28	2.1
Dimethyl phthalate	1.1	U	1.1	10
Acenaphthylene	1.9	U	1.9	10
3-Nitroaniline	3.0	U	3.0	21
Acenaphthene	1.1	U	1.1	10
4-Nitrophenol	2.1	U *	2.1	31
2,4-Dinitrophenol	2.1	U	2.1	31
Dibenzofuran	1.6	U	1.6	10
Diethyl phthalate	1.5	U	1.5	10
Fluorene	1.8	U	1.8	10
Fluoranthene	1.1	U	1.1	10
Di-n-butyl phthalate	1.0	U	1.0	10
2,4-Dinitrotoluene	0.29	U	0.29	2.1
4-Chlorophenyl phenyl ether	1.6	U	1.6	10
4-Nitroaniline	3.0	U	3.0	21
4,6-Dinitro-2-methylphenol	3.1	U	3.1	31
4-Bromophenyl phenyl ether	1.1	U	1.1	10

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **FB-091313**

Lab Sample ID: 460-62993-44FB Date Sampled: 09/13/2013 1300
Client Matrix: Water Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182282	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-181730	Lab File ID:	M69607.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	09/20/2013 0930			Final Weight/Volume:	2 mL
Prep Date:	09/17/2013 0945			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Atrazine	1.0	U	1.0	10
Anthracene	0.89	U	0.89	10
Carbazole	1.3	U	1.3	10
Phenanthrene	1.3	U	1.3	10
Pentachlorophenol	2.8	U	2.8	31
Pyrene	1.1	U	1.1	10
Chrysene	1.5	U	1.5	10
Benzo[k]fluoranthene	0.15	U	0.15	1.0
Benzo[g,h,i]perylene	0.97	U	0.97	10
Benzo[b]fluoranthene	0.22	U	0.22	1.0
Benzo[a]pyrene	0.15	U	0.15	1.0
Benzo[a]anthracene	0.19	U	0.19	1.0
N-Nitrosodiphenylamine	1.0	U	1.0	10
Butyl benzyl phthalate	1.5	U	1.5	10
Bis(2-ethylhexyl) phthalate	0.84	U	0.84	10
Di-n-octyl phthalate	0.92	U	0.92	10
Indeno[1,2,3-cd]pyrene	0.11	U	0.11	1.0
Dibenz(a,h)anthracene	0.17	U	0.17	1.0
3,3'-Dichlorobenzidine	3.3	U	3.3	21
1,2,4,5-Tetrachlorobenzene	1.9	U	1.9	10
2,3,4,6-Tetrachlorophenol	0.93	U	0.93	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	166	X	51 - 126
2-Fluorophenol	56		15 - 96
Phenol-d5	37		4 - 86
Nitrobenzene-d5	108		60 - 114
2-Fluorobiphenyl	111		50 - 120
Terphenyl-d14	136	X	72 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **FB-091313**

Lab Sample ID: 460-62993-44FB Date Sampled: 09/13/2013 1300
Client Matrix: Water Date Received: 09/13/2013 1617

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182282	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-181730	Lab File ID:	M69607.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	09/20/2013 0930			Final Weight/Volume:	2 mL
Prep Date:	09/17/2013 0945			Injection Volume:	5 uL

Tentatively Identified Compounds **Number TIC's Found:** **2**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
31158-91-5	Hexadecanoic acid, 1,1-dimethylethyl est	9.73	13	J N
123-95-5	Octadecanoic acid, butyl ester	10.43	8.6	J N

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-VD**

Lab Sample ID: 460-62993-1 Date Sampled: 09/13/2013 0820
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1449			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	71
Aroclor 1221		16	U	16	71
Aroclor 1232		16	U	16	71
Aroclor 1242		16	U	16	71
Aroclor 1248		16	U	16	71
Aroclor 1254		20	U	20	71
Aroclor 1260		20	U	20	71
Aroclor 1262		20	U	20	71
Aroclor 1268		20	U	20	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	101		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-VD**

Lab Sample ID: 460-62993-1 Date Sampled: 09/13/2013 0820
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1449			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-WT**

Lab Sample ID: 460-62993-2 Date Sampled: 09/13/2013 0825
Client Matrix: Solid % Moisture: 9.8 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.02 g
Dilution:	25			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0844			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		420	U	420	1900
Aroclor 1221		420	U	420	1900
Aroclor 1232		420	U	420	1900
Aroclor 1242		38000		420	1900
Aroclor 1248		420	U	420	1900
Aroclor 1254		530	U	530	1900
Aroclor 1260		530	U	530	1900
Aroclor 1262		530	U	530	1900
Aroclor 1268		530	U	530	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-WT**

Lab Sample ID: 460-62993-2 Date Sampled: 09/13/2013 0825
Client Matrix: Solid % Moisture: 9.8 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.02 g
Dilution:	25			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0844			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-SI**

Lab Sample ID: 460-62993-3 Date Sampled: 09/13/2013 0830
Client Matrix: Solid % Moisture: 14.2 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.00 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0901			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		170	U	170	780
Aroclor 1221		170	U	170	780
Aroclor 1232		170	U	170	780
Aroclor 1242		18000		170	780
Aroclor 1248		170	U	170	780
Aroclor 1254		220	U	220	780
Aroclor 1260		220	U	220	780
Aroclor 1262		220	U	220	780
Aroclor 1268		220	U	220	780

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-SI**

Lab Sample ID: 460-62993-3 Date Sampled: 09/13/2013 0830
Client Matrix: Solid % Moisture: 14.2 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.00 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0901			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-VD**

Lab Sample ID: 460-62993-4 Date Sampled: 09/13/2013 0835
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1644			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	70
Aroclor 1221		16	U	16	70
Aroclor 1232		16	U	16	70
Aroclor 1242		16	U	16	70
Aroclor 1248		16	U	16	70
Aroclor 1254		20	U	20	70
Aroclor 1260		20	U	20	70
Aroclor 1262		20	U	20	70
Aroclor 1268		20	U	20	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	97		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-VD**

Lab Sample ID: 460-62993-4 Date Sampled: 09/13/2013 0835
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1644			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	92		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-WT**

Lab Sample ID: 460-62993-5 Date Sampled: 09/13/2013 0840
Client Matrix: Solid % Moisture: 9.8 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.01 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0917			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		330	U	330	1500
Aroclor 1221		330	U	330	1500
Aroclor 1232		330	U	330	1500
Aroclor 1242		21000		330	1500
Aroclor 1248		330	U	330	1500
Aroclor 1254		420	U	420	1500
Aroclor 1260		4800		420	1500
Aroclor 1262		420	U	420	1500
Aroclor 1268		420	U	420	1500

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-WT**

Lab Sample ID: 460-62993-5 Date Sampled: 09/13/2013 0840
Client Matrix: Solid % Moisture: 9.8 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.01 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0917			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-SI**

Lab Sample ID: 460-62993-6 Date Sampled: 09/13/2013 0845
Client Matrix: Solid % Moisture: 12.4 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.00 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0933			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		170	U	170	760
Aroclor 1221		170	U	170	760
Aroclor 1232		170	U	170	760
Aroclor 1242		15000		170	760
Aroclor 1248		170	U	170	760
Aroclor 1254		220	U	220	760
Aroclor 1260		3500		220	760
Aroclor 1262		220	U	220	760
Aroclor 1268		220	U	220	760

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-SI**

Lab Sample ID: 460-62993-6 Date Sampled: 09/13/2013 0845
Client Matrix: Solid % Moisture: 12.4 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.00 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0933			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-VS**

Lab Sample ID: 460-62993-7 Date Sampled: 09/13/2013 0850
Client Matrix: Solid % Moisture: 4.1 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.00 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 1218			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		310	U	310	1400
Aroclor 1221		310	U	310	1400
Aroclor 1232		310	U	310	1400
Aroclor 1242		310	U	310	1400
Aroclor 1248		15000		310	1400
Aroclor 1254		400	U	400	1400
Aroclor 1260		400	U	400	1400
Aroclor 1262		400	U	400	1400
Aroclor 1268		400	U	400	1400

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-VS**

Lab Sample ID: 460-62993-7 Date Sampled: 09/13/2013 0850
Client Matrix: Solid % Moisture: 4.1 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.00 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 1218			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-VD**

Lab Sample ID: 460-62993-8 Date Sampled: 09/13/2013 0855
Client Matrix: Solid % Moisture: 3.6 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1750			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	69
Aroclor 1221		16	U	16	69
Aroclor 1232		16	U	16	69
Aroclor 1242		16	U	16	69
Aroclor 1248		16	U	16	69
Aroclor 1254		20	U	20	69
Aroclor 1260		20	U	20	69
Aroclor 1262		20	U	20	69
Aroclor 1268		20	U	20	69

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-VD**

Lab Sample ID: 460-62993-8 Date Sampled: 09/13/2013 0855
Client Matrix: Solid % Moisture: 3.6 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1750			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	83		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-WT**

Lab Sample ID: 460-62993-9 Date Sampled: 09/13/2013 0900
Client Matrix: Solid % Moisture: 9.1 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1806			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	73
Aroclor 1221		16	U	16	73
Aroclor 1232		16	U	16	73
Aroclor 1242		16	U	16	73
Aroclor 1248		16	U	16	73
Aroclor 1254		21	U	21	73
Aroclor 1260		21	U	21	73
Aroclor 1262		21	U	21	73
Aroclor 1268		21	U	21	73

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-WT**

Lab Sample ID: 460-62993-9 Date Sampled: 09/13/2013 0900
Client Matrix: Solid % Moisture: 9.1 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1806			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-VS**

Lab Sample ID: 460-62993-10 Date Sampled: 09/13/2013 0920
Client Matrix: Solid % Moisture: 5.9 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.04 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 1007			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		3200	U	3200	14000
Aroclor 1221		3200	U	3200	14000
Aroclor 1232		3200	U	3200	14000
Aroclor 1242		3200	U	3200	14000
Aroclor 1248		190000		3200	14000
Aroclor 1254		4000	U	4000	14000
Aroclor 1260		4000	U	4000	14000
Aroclor 1262		4000	U	4000	14000
Aroclor 1268		4000	U	4000	14000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-VS**

Lab Sample ID: 460-62993-10 Date Sampled: 09/13/2013 0920
Client Matrix: Solid % Moisture: 5.9 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.04 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 1007			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-VD**

Lab Sample ID: 460-62993-11 Date Sampled: 09/13/2013 0930
Client Matrix: Solid % Moisture: 7.1 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1839			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	72
Aroclor 1221		16	U	16	72
Aroclor 1232		16	U	16	72
Aroclor 1242		16	U	16	72
Aroclor 1248		16	U	16	72
Aroclor 1254		20	U	20	72
Aroclor 1260		20	U	20	72
Aroclor 1262		20	U	20	72
Aroclor 1268		20	U	20	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	98		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-VD**

Lab Sample ID: 460-62993-11 Date Sampled: 09/13/2013 0930
Client Matrix: Solid % Moisture: 7.1 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1839			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	83		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-WT**

Lab Sample ID: 460-62993-12 Date Sampled: 09/13/2013 0925
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1855			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		15	U	15	69
Aroclor 1221		15	U	15	69
Aroclor 1232		15	U	15	69
Aroclor 1242		15	U	15	69
Aroclor 1248		99		15	69
Aroclor 1254		20	U	20	69
Aroclor 1260		20	U	20	69
Aroclor 1262		20	U	20	69
Aroclor 1268		20	U	20	69

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	99		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-WT**

Lab Sample ID: 460-62993-12 Date Sampled: 09/13/2013 0925
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1855			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-VS**

Lab Sample ID: 460-62993-13 Date Sampled: 09/13/2013 0935
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1911			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	71
Aroclor 1221		16	U	16	71
Aroclor 1232		16	U	16	71
Aroclor 1242		16	U	16	71
Aroclor 1248		340		16	71
Aroclor 1254		20	U	20	71
Aroclor 1260		62	J	20	71
Aroclor 1262		20	U	20	71
Aroclor 1268		20	U	20	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	92		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-VS**

Lab Sample ID: 460-62993-13 Date Sampled: 09/13/2013 0935
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1911			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	77		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-VD**

Lab Sample ID: 460-62993-14 Date Sampled: 09/13/2013 0940
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1928			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	69
Aroclor 1221		16	U	16	69
Aroclor 1232		16	U	16	69
Aroclor 1242		16	U	16	69
Aroclor 1248		16	U	16	69
Aroclor 1254		20	U	20	69
Aroclor 1260		20	U	20	69
Aroclor 1262		20	U	20	69
Aroclor 1268		20	U	20	69

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	91		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-VD**

Lab Sample ID: 460-62993-14 Date Sampled: 09/13/2013 0940
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1928			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	84		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-WT**

Lab Sample ID: 460-62993-15 Date Sampled: 09/13/2013 0945
Client Matrix: Solid % Moisture: 3.5 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1945			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	69
Aroclor 1221		16	U	16	69
Aroclor 1232		16	U	16	69
Aroclor 1242		16	U	16	69
Aroclor 1248		16	U	16	69
Aroclor 1254		20	U	20	69
Aroclor 1260		20	U	20	69
Aroclor 1262		20	U	20	69
Aroclor 1268		20	U	20	69

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	91		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-WT**

Lab Sample ID: 460-62993-15 Date Sampled: 09/13/2013 0945
Client Matrix: Solid % Moisture: 3.5 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1945			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-VS**

Lab Sample ID: 460-62993-16 Date Sampled: 09/13/2013 0950
Client Matrix: Solid % Moisture: 5.3 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 2001			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	71
Aroclor 1221		16	U	16	71
Aroclor 1232		16	U	16	71
Aroclor 1242		16	U	16	71
Aroclor 1248		16	U	16	71
Aroclor 1254		20	U	20	71
Aroclor 1260		20	U	20	71
Aroclor 1262		20	U	20	71
Aroclor 1268		20	U	20	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	97		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-VS**

Lab Sample ID: 460-62993-16 Date Sampled: 09/13/2013 0950
Client Matrix: Solid % Moisture: 5.3 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 2001			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-VD**

Lab Sample ID: 460-62993-17 Date Sampled: 09/13/2013 0955
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 2017			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	70
Aroclor 1221		16	U	16	70
Aroclor 1232		16	U	16	70
Aroclor 1242		16	U	16	70
Aroclor 1248		16	U	16	70
Aroclor 1254		20	U	20	70
Aroclor 1260		20	U	20	70
Aroclor 1262		20	U	20	70
Aroclor 1268		20	U	20	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	96		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-VD**

Lab Sample ID: 460-62993-17 Date Sampled: 09/13/2013 0955
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 2017			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	94		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-WT**

Lab Sample ID: 460-62993-18 Date Sampled: 09/13/2013 1000
Client Matrix: Solid % Moisture: 12.4 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 2034			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	76
Aroclor 1221		17	U	17	76
Aroclor 1232		17	U	17	76
Aroclor 1242		17	U	17	76
Aroclor 1248		17	U	17	76
Aroclor 1254		22	U	22	76
Aroclor 1260		22	U	22	76
Aroclor 1262		22	U	22	76
Aroclor 1268		22	U	22	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-WT**

Lab Sample ID: 460-62993-18 Date Sampled: 09/13/2013 1000
Client Matrix: Solid % Moisture: 12.4 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 2034			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	92		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-VD**

Lab Sample ID: 460-62993-19 Date Sampled: 09/13/2013 1010
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.04 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 1023			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		160	U	160	710
Aroclor 1221		160	U	160	710
Aroclor 1232		160	U	160	710
Aroclor 1242		12000		160	710
Aroclor 1248		160	U	160	710
Aroclor 1254		200	U	200	710
Aroclor 1260		1800		200	710
Aroclor 1262		200	U	200	710
Aroclor 1268		200	U	200	710

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-VD**

Lab Sample ID: 460-62993-19 Date Sampled: 09/13/2013 1010
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.04 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 1023			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-WT**

Lab Sample ID: 460-62993-20 Date Sampled: 09/13/2013 1015
Client Matrix: Solid % Moisture: 10.1 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.00 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 1039			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		1700	U	1700	7400
Aroclor 1221		1700	U	1700	7400
Aroclor 1232		1700	U	1700	7400
Aroclor 1242		110000		1700	7400
Aroclor 1248		1700	U	1700	7400
Aroclor 1254		2100	U	2100	7400
Aroclor 1260		12000		2100	7400
Aroclor 1262		2100	U	2100	7400
Aroclor 1268		2100	U	2100	7400

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-WT**

Lab Sample ID: 460-62993-20 Date Sampled: 09/13/2013 1015
Client Matrix: Solid % Moisture: 10.1 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181668	Initial Weight/Volume:	15.00 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 1039			Injection Volume:	1 uL
Prep Date:	09/17/2013 0459			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-SI**

Lab Sample ID: 460-62993-21 Date Sampled: 09/13/2013 1020
Client Matrix: Solid % Moisture: 15.9 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.01 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 1055			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		360	U	360	1600
Aroclor 1221		360	U	360	1600
Aroclor 1232		360	U	360	1600
Aroclor 1242		29000		360	1600
Aroclor 1248		360	U	360	1600
Aroclor 1254		450	U	450	1600
Aroclor 1260		3400		450	1600
Aroclor 1262		450	U	450	1600
Aroclor 1268		450	U	450	1600

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-SI**

Lab Sample ID: 460-62993-21 Date Sampled: 09/13/2013 1020
Client Matrix: Solid % Moisture: 15.9 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.01 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 1055			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-VD**

Lab Sample ID: 460-62993-22 Date Sampled: 09/13/2013 1045
Client Matrix: Solid % Moisture: 4.2 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 2352			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	70
Aroclor 1221		16	U	16	70
Aroclor 1232		16	U	16	70
Aroclor 1242		55	J	16	70
Aroclor 1248		16	U	16	70
Aroclor 1254		20	U	20	70
Aroclor 1260		20	U	20	70
Aroclor 1262		20	U	20	70
Aroclor 1268		20	U	20	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	91		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-VD**

Lab Sample ID: 460-62993-22 Date Sampled: 09/13/2013 1045
Client Matrix: Solid % Moisture: 4.2 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 2352			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	86		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-WT**

Lab Sample ID: 460-62993-23 Date Sampled: 09/13/2013 1050
Client Matrix: Solid % Moisture: 11.8 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0008			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	76
Aroclor 1221		17	U	17	76
Aroclor 1232		17	U	17	76
Aroclor 1242		79		17	76
Aroclor 1248		17	U	17	76
Aroclor 1254		22	U	22	76
Aroclor 1260		22	U	22	76
Aroclor 1262		22	U	22	76
Aroclor 1268		22	U	22	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-WT**

Lab Sample ID: 460-62993-23 Date Sampled: 09/13/2013 1050
Client Matrix: Solid % Moisture: 11.8 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0008			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	90		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-SI**

Lab Sample ID: 460-62993-24 Date Sampled: 09/13/2013 1055
Client Matrix: Solid % Moisture: 14.5 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0024			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		18	U	18	78
Aroclor 1221		18	U	18	78
Aroclor 1232		18	U	18	78
Aroclor 1242		56	J	18	78
Aroclor 1248		18	U	18	78
Aroclor 1254		22	U	22	78
Aroclor 1260		22	U	22	78
Aroclor 1262		22	U	22	78
Aroclor 1268		22	U	22	78

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	96		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-SI**

Lab Sample ID: 460-62993-24 Date Sampled: 09/13/2013 1055
Client Matrix: Solid % Moisture: 14.5 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0024			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	92		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-SD**

Lab Sample ID: 460-62993-25 Date Sampled: 09/13/2013 1100
Client Matrix: Solid % Moisture: 18.5 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0041			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		18	U	18	82
Aroclor 1221		18	U	18	82
Aroclor 1232		18	U	18	82
Aroclor 1242		18	U	18	82
Aroclor 1248		18	U	18	82
Aroclor 1254		23	U	23	82
Aroclor 1260		23	U	23	82
Aroclor 1262		23	U	23	82
Aroclor 1268		23	U	23	82

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-SD**

Lab Sample ID: 460-62993-25 Date Sampled: 09/13/2013 1100
Client Matrix: Solid % Moisture: 18.5 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0041			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	85		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-VD**

Lab Sample ID: 460-62993-26 Date Sampled: 09/13/2013 1110
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0058			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	71
Aroclor 1221		16	U	16	71
Aroclor 1232		16	U	16	71
Aroclor 1242		16	U	16	71
Aroclor 1248		16	U	16	71
Aroclor 1254		20	U	20	71
Aroclor 1260		20	U	20	71
Aroclor 1262		20	U	20	71
Aroclor 1268		20	U	20	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	97		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-VD**

Lab Sample ID: 460-62993-26 Date Sampled: 09/13/2013 1110
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0058			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	92		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-WT**

Lab Sample ID: 460-62993-27 Date Sampled: 09/13/2013 1115
Client Matrix: Solid % Moisture: 12.6 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.02 g
Dilution:	25			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 1145			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		430	U	430	1900
Aroclor 1221		430	U	430	1900
Aroclor 1232		430	U	430	1900
Aroclor 1242		34000		430	1900
Aroclor 1248		430	U	430	1900
Aroclor 1254		540	U	540	1900
Aroclor 1260		540	U	540	1900
Aroclor 1262		540	U	540	1900
Aroclor 1268		540	U	540	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-WT**

Lab Sample ID: 460-62993-27 Date Sampled: 09/13/2013 1115
Client Matrix: Solid % Moisture: 12.6 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.02 g
Dilution:	25			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 1145			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-SI**

Lab Sample ID: 460-62993-28 Date Sampled: 09/13/2013 1120
Client Matrix: Solid % Moisture: 11.6 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0130			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	76
Aroclor 1221		17	U	17	76
Aroclor 1232		17	U	17	76
Aroclor 1242		74	J	17	76
Aroclor 1248		17	U	17	76
Aroclor 1254		21	U	21	76
Aroclor 1260		21	U	21	76
Aroclor 1262		21	U	21	76
Aroclor 1268		21	U	21	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	99		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-SI**

Lab Sample ID: 460-62993-28 Date Sampled: 09/13/2013 1120
Client Matrix: Solid % Moisture: 11.6 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0130			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	96		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-SD**

Lab Sample ID: 460-62993-29 Date Sampled: 09/13/2013 1125
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0147			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	78
Aroclor 1221		17	U	17	78
Aroclor 1232		17	U	17	78
Aroclor 1242		80		17	78
Aroclor 1248		17	U	17	78
Aroclor 1254		22	U	22	78
Aroclor 1260		22	U	22	78
Aroclor 1262		22	U	22	78
Aroclor 1268		22	U	22	78

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	94		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-SD**

Lab Sample ID: 460-62993-29 Date Sampled: 09/13/2013 1125
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0147			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-30 Date Sampled: 09/13/2013 1145
Client Matrix: Solid % Moisture: 4.2 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0202			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	70
Aroclor 1221		16	U	16	70
Aroclor 1232		16	U	16	70
Aroclor 1242		130		16	70
Aroclor 1248		16	U	16	70
Aroclor 1254		20	U	20	70
Aroclor 1260		20	U	20	70
Aroclor 1262		20	U	20	70
Aroclor 1268		20	U	20	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	98		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-30 Date Sampled: 09/13/2013 1145
Client Matrix: Solid % Moisture: 4.2 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0202			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-31 Date Sampled: 09/13/2013 1150
Client Matrix: Solid % Moisture: 13.5 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0218			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	77
Aroclor 1221		17	U	17	77
Aroclor 1232		17	U	17	77
Aroclor 1242		61	J	17	77
Aroclor 1248		17	U	17	77
Aroclor 1254		22	U	22	77
Aroclor 1260		22	U	22	77
Aroclor 1262		22	U	22	77
Aroclor 1268		22	U	22	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	96		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-31 Date Sampled: 09/13/2013 1150
Client Matrix: Solid % Moisture: 13.5 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0218			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	92		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-32 Date Sampled: 09/13/2013 1155
Client Matrix: Solid % Moisture: 14.6 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0234			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		18	U	18	78
Aroclor 1221		18	U	18	78
Aroclor 1232		18	U	18	78
Aroclor 1242		95		18	78
Aroclor 1248		18	U	18	78
Aroclor 1254		22	U	22	78
Aroclor 1260		22	U	22	78
Aroclor 1262		22	U	22	78
Aroclor 1268		22	U	22	78

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-32 Date Sampled: 09/13/2013 1155
Client Matrix: Solid % Moisture: 14.6 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0234			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	92		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-33 Date Sampled: 09/13/2013 1200
Client Matrix: Solid % Moisture: 16.9 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0250			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		18	U	18	80
Aroclor 1221		18	U	18	80
Aroclor 1232		18	U	18	80
Aroclor 1242		150		18	80
Aroclor 1248		18	U	18	80
Aroclor 1254		23	U	23	80
Aroclor 1260		23	U	23	80
Aroclor 1262		23	U	23	80
Aroclor 1268		23	U	23	80

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	99		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-33 Date Sampled: 09/13/2013 1200
Client Matrix: Solid % Moisture: 16.9 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0250			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	94		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-31SE-VS**

Lab Sample ID: 460-62993-34 Date Sampled: 09/13/2013 1245
Client Matrix: Solid % Moisture: 5.1 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0307			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	70
Aroclor 1221		16	U	16	70
Aroclor 1232		16	U	16	70
Aroclor 1242		16	U	16	70
Aroclor 1248		16	U	16	70
Aroclor 1254		20	U	20	70
Aroclor 1260		20	U	20	70
Aroclor 1262		20	U	20	70
Aroclor 1268		20	U	20	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-31SE-VS**

Lab Sample ID: 460-62993-34 Date Sampled: 09/13/2013 1245
Client Matrix: Solid % Moisture: 5.1 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0307			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-31SE-VD**

Lab Sample ID: 460-62993-35 Date Sampled: 09/13/2013 1250
Client Matrix: Solid % Moisture: 5.3 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0324			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	71
Aroclor 1221		16	U	16	71
Aroclor 1232		16	U	16	71
Aroclor 1242		16	U	16	71
Aroclor 1248		16	U	16	71
Aroclor 1254		20	U	20	71
Aroclor 1260		20	U	20	71
Aroclor 1262		20	U	20	71
Aroclor 1268		20	U	20	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	100		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-31SE-VD**

Lab Sample ID: 460-62993-35 Date Sampled: 09/13/2013 1250
Client Matrix: Solid % Moisture: 5.3 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0324			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	96		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-36 Date Sampled: 09/13/2013 1255
Client Matrix: Solid % Moisture: 10.3 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0340			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	74
Aroclor 1221		17	U	17	74
Aroclor 1232		17	U	17	74
Aroclor 1242		17	U	17	74
Aroclor 1248		17	U	17	74
Aroclor 1254		21	U	21	74
Aroclor 1260		21	U	21	74
Aroclor 1262		21	U	21	74
Aroclor 1268		21	U	21	74

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-36 Date Sampled: 09/13/2013 1255
Client Matrix: Solid % Moisture: 10.3 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0340			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	90		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-32SE-VS**

Lab Sample ID: 460-62993-37 Date Sampled: 09/13/2013 1230
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0355			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	69
Aroclor 1221		16	U	16	69
Aroclor 1232		16	U	16	69
Aroclor 1242		64	J	16	69
Aroclor 1248		16	U	16	69
Aroclor 1254		20	U	20	69
Aroclor 1260		20	U	20	69
Aroclor 1262		20	U	20	69
Aroclor 1268		20	U	20	69

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-32SE-VS**

Lab Sample ID: 460-62993-37 Date Sampled: 09/13/2013 1230
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0355			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	98		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-38 Date Sampled: 09/13/2013 1235
Client Matrix: Solid % Moisture: 7.9 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0412			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	73
Aroclor 1221		16	U	16	73
Aroclor 1232		16	U	16	73
Aroclor 1242		16	U	16	73
Aroclor 1248		16	U	16	73
Aroclor 1254		21	U	21	73
Aroclor 1260		21	U	21	73
Aroclor 1262		21	U	21	73
Aroclor 1268		21	U	21	73

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	97		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-38 Date Sampled: 09/13/2013 1235
Client Matrix: Solid % Moisture: 7.9 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0412			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	86		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-39 Date Sampled: 09/13/2013 1240
Client Matrix: Solid % Moisture: 14.3 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0429			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		18	U	18	78
Aroclor 1221		18	U	18	78
Aroclor 1232		18	U	18	78
Aroclor 1242		18	U	18	78
Aroclor 1248		18	U	18	78
Aroclor 1254		22	U	22	78
Aroclor 1260		22	U	22	78
Aroclor 1262		22	U	22	78
Aroclor 1268		22	U	22	78

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	96		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-39 Date Sampled: 09/13/2013 1240
Client Matrix: Solid % Moisture: 14.3 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0429			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	91		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP-091313**

Lab Sample ID: 460-62993-40FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 3.9 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0446			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	70
Aroclor 1221		16	U	16	70
Aroclor 1232		16	U	16	70
Aroclor 1242		16	U	16	70
Aroclor 1248		16	U	16	70
Aroclor 1254		20	U	20	70
Aroclor 1260		20	U	20	70
Aroclor 1262		20	U	20	70
Aroclor 1268		20	U	20	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP-091313**

Lab Sample ID: 460-62993-40FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 3.9 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181669	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2013 0446			Injection Volume:	1 uL
Prep Date:	09/17/2013 0503			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP1-091313**

Lab Sample ID: 460-62993-41FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181779	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181667	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1323			Injection Volume:	1 uL
Prep Date:	09/17/2013 0450			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	76
Aroclor 1221		17	U	17	76
Aroclor 1232		17	U	17	76
Aroclor 1242		17	U	17	76
Aroclor 1248		17	U	17	76
Aroclor 1254		22	U	22	76
Aroclor 1260		22	U	22	76
Aroclor 1262		22	U	22	76
Aroclor 1268		22	U	22	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	90		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP1-091313**

Lab Sample ID: 460-62993-41FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181779	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181667	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1323			Injection Volume:	1 uL
Prep Date:	09/17/2013 0450			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	94		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP2-091313**

Lab Sample ID: 460-62993-42FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 14.1 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181779	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181667	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1340			Injection Volume:	1 uL
Prep Date:	09/17/2013 0450			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	78
Aroclor 1221		17	U	17	78
Aroclor 1232		17	U	17	78
Aroclor 1242		17	U	17	78
Aroclor 1248		17	U	17	78
Aroclor 1254		22	U	22	78
Aroclor 1260		22	U	22	78
Aroclor 1262		22	U	22	78
Aroclor 1268		22	U	22	78

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	83		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP2-091313**

Lab Sample ID: 460-62993-42FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 14.1 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181779	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181667	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1340			Injection Volume:	1 uL
Prep Date:	09/17/2013 0450			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	86		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP3-091313**

Lab Sample ID: 460-62993-43FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 17.9 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181779	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181667	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1357			Injection Volume:	1 uL
Prep Date:	09/17/2013 0450			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		18	U	18	82
Aroclor 1221		18	U	18	82
Aroclor 1232		18	U	18	82
Aroclor 1242		18	U	18	82
Aroclor 1248		18	U	18	82
Aroclor 1254		23	U	23	82
Aroclor 1260		23	U	23	82
Aroclor 1262		23	U	23	82
Aroclor 1268		23	U	23	82

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP3-091313**

Lab Sample ID: 460-62993-43FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 17.9 Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181779	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181667	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1357			Injection Volume:	1 uL
Prep Date:	09/17/2013 0450			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	86		45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **FB-091313**

Lab Sample ID: 460-62993-44FB Date Sampled: 09/13/2013 1300
Client Matrix: Water Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181958	Instrument ID:	CPESTGC8
Prep Method:	3510C	Prep Batch:	460-181488	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	09/18/2013 0530			Injection Volume:	1 uL
Prep Date:	09/16/2013 0847			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.27	U	0.27	0.40
Aroclor 1221	0.27	U	0.27	0.40
Aroclor 1232	0.27	U	0.27	0.40
Aroclor 1242	0.27	U	0.27	0.40
Aroclor 1248	0.27	U	0.27	0.40
Aroclor 1254	0.21	U	0.21	0.40
Aroclor 1260	0.21	U	0.21	0.40
Aroclor 1262	0.21	U	0.21	0.40
Aroclor 1268	0.21	U	0.21	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	62		37 - 150

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **FB-091313**

Lab Sample ID: 460-62993-44FB Date Sampled: 09/13/2013 1300
Client Matrix: Water Date Received: 09/13/2013 1617

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181958	Instrument ID:	CPESTGC8
Prep Method:	3510C	Prep Batch:	460-181488	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	09/18/2013 0530			Injection Volume:	1 uL
Prep Date:	09/16/2013 0847			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	57		37 - 150

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-VD**

Lab Sample ID: 460-62993-1 Date Sampled: 09/13/2013 0820
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181694	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181553	Lab File ID:	GC2F5331.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 0037			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1259			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		11		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	72		50 - 105
Chlorobenzene	53		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-WT**

Lab Sample ID: 460-62993-2 Date Sampled: 09/13/2013 0825
Client Matrix: Solid % Moisture: 9.8 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181554	Lab File ID:	GC2F5392.D
Dilution:	20			Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2013 1731			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1305			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		3300		120	120

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	D X	50 - 105
Chlorobenzene	0	D X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-6SE-SI**

Lab Sample ID: 460-62993-3 Date Sampled: 09/13/2013 0830
Client Matrix: Solid % Moisture: 14.2 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181554	Lab File ID:	GC2F5393.D
Dilution:	10			Initial Weight/Volume:	15.04 g
Analysis Date:	09/18/2013 1746			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1305			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		1000		64	64

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	D X	50 - 105
Chlorobenzene	0	D X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-VD**

Lab Sample ID: 460-62993-4 Date Sampled: 09/13/2013 0835
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181694	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181554	Lab File ID:	GC2F5340.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 0250			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1305			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		8.5		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	65		50 - 105
Chlorobenzene	42		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-WT**

Lab Sample ID: 460-62993-5 Date Sampled: 09/13/2013 0840
Client Matrix: Solid % Moisture: 9.8 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181554	Lab File ID:	GC2F5394.D
Dilution:	10			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 1801			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1305			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		1300		61	61

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	D X	50 - 105
Chlorobenzene	0	D X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-5SE-SI**

Lab Sample ID: 460-62993-6 Date Sampled: 09/13/2013 0845
Client Matrix: Solid % Moisture: 12.4 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181554	Lab File ID:	GC2F5395.D
Dilution:	10			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 1815			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1305			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		900		63	63

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	D X	50 - 105
Chlorobenzene	0	D X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-VS**

Lab Sample ID: 460-62993-7 Date Sampled: 09/13/2013 0850
Client Matrix: Solid % Moisture: 4.1 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181554	Lab File ID:	GC2F5396.D
Dilution:	10			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 1830			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1305			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		350		57	57

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	D X	50 - 105
Chlorobenzene	0	D X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-VD**

Lab Sample ID: 460-62993-8 Date Sampled: 09/13/2013 0855
Client Matrix: Solid % Moisture: 3.6 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181994	Lab File ID:	GC2F5469.D
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/19/2013 1310			Final Weight/Volume:	1 mL
Prep Date:	09/18/2013 1253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		7.4		5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	51		50 - 105
Chlorobenzene	34	X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-8SE-WT**

Lab Sample ID: 460-62993-9 Date Sampled: 09/13/2013 0900
Client Matrix: Solid % Moisture: 9.1 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181554	Lab File ID:	GC2F5397.D
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/18/2013 1845			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1305			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.0	U	6.0	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	73		50 - 105
Chlorobenzene	50		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-VS**

Lab Sample ID: 460-62993-10 Date Sampled: 09/13/2013 0920
Client Matrix: Solid % Moisture: 5.9 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181554	Lab File ID:	GC2F5398.D
Dilution:	10			Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2013 1900			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1305			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		650		58	58

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	D X	50 - 105
Chlorobenzene	0	D X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-VD**

Lab Sample ID: 460-62993-11 Date Sampled: 09/13/2013 0930
Client Matrix: Solid % Moisture: 7.1 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181994	Lab File ID:	GC2F5470.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1325			Final Weight/Volume:	1 mL
Prep Date:	09/18/2013 1253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.9	U	5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	72		50 - 105
Chlorobenzene	54		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-4SE-WT**

Lab Sample ID: 460-62993-12 Date Sampled: 09/13/2013 0925
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181994	Lab File ID:	GC2F5471.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1340			Final Weight/Volume:	1 mL
Prep Date:	09/18/2013 1253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.7	U	5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	63		50 - 105
Chlorobenzene	44		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-VS**

Lab Sample ID: 460-62993-13 Date Sampled: 09/13/2013 0935
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181554	Lab File ID:	GC2F5401.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/18/2013 1944			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1305			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		130		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	56		50 - 105
Chlorobenzene	109	X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-VD**

Lab Sample ID: 460-62993-14 Date Sampled: 09/13/2013 0940
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181994	Lab File ID:	GC2F5472.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1354			Final Weight/Volume:	1 mL
Prep Date:	09/18/2013 1253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.7	U	5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	51		50 - 105
Chlorobenzene	34	X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-14SE-WT**

Lab Sample ID: 460-62993-15 Date Sampled: 09/13/2013 0945
Client Matrix: Solid % Moisture: 3.5 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181994	Lab File ID:	GC2F5456.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0937			Final Weight/Volume:	1 mL
Prep Date:	09/18/2013 1253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.7	U	5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	55		50 - 105
Chlorobenzene	41		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-VS**

Lab Sample ID: 460-62993-16 Date Sampled: 09/13/2013 0950
Client Matrix: Solid % Moisture: 5.3 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181554	Lab File ID:	GC2F5402.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 1959			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1305			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		15		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	60		50 - 105
Chlorobenzene	125	X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-VD**

Lab Sample ID: 460-62993-17 Date Sampled: 09/13/2013 0955
Client Matrix: Solid % Moisture: 4.7 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181994	Lab File ID:	GC2F5473.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1409			Final Weight/Volume:	1 mL
Prep Date:	09/18/2013 1253			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.6		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	71		50 - 105
Chlorobenzene	53		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-25SE-WT**

Lab Sample ID: 460-62993-18 Date Sampled: 09/13/2013 1000
Client Matrix: Solid % Moisture: 12.4 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181554	Lab File ID:	GC2F5403.D
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/18/2013 2013			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1305			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		17		6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	68		50 - 105
Chlorobenzene	54		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-VD**

Lab Sample ID: 460-62993-19 Date Sampled: 09/13/2013 1010
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181554	Lab File ID:	GC2F5404.D
Dilution:	20			Initial Weight/Volume:	15.05 g
Analysis Date:	09/18/2013 2028			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1305			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		3600		120	120

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-WT**

Lab Sample ID: 460-62993-20 Date Sampled: 09/13/2013 1015
Client Matrix: Solid % Moisture: 10.1 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181554	Lab File ID:	GC2F5405.D
Dilution:	20			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 2043			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1305			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		3500		120	120

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-7SE-SI**

Lab Sample ID: 460-62993-21 Date Sampled: 09/13/2013 1020
Client Matrix: Solid % Moisture: 15.9 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181554	Lab File ID:	GC2F5406.D
Dilution:	20			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 2058			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1305			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		3400		130	130

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-VD**

Lab Sample ID: 460-62993-22 Date Sampled: 09/13/2013 1045
Client Matrix: Solid % Moisture: 4.2 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181800	Lab File ID:	GC2F5413.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2013 2240			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		56		5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	100		50 - 105
Chlorobenzene	57		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-WT**

Lab Sample ID: 460-62993-23 Date Sampled: 09/13/2013 1050
Client Matrix: Solid % Moisture: 11.8 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181800	Lab File ID:	GC2F5414.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 2255			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		8.4		6.2	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	78		50 - 105
Chlorobenzene	48		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-SI**

Lab Sample ID: 460-62993-24 Date Sampled: 09/13/2013 1055
Client Matrix: Solid % Moisture: 14.5 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181800	Lab File ID:	GC2F5415.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/18/2013 2310			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		7.8		6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	70		50 - 105
Chlorobenzene	45		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-10SE-SD**

Lab Sample ID: 460-62993-25 Date Sampled: 09/13/2013 1100
Client Matrix: Solid % Moisture: 18.5 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181800	Lab File ID:	GC2F5416.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 2324			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.7	U	6.7	6.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	94		50 - 105
Chlorobenzene	62		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-VD**

Lab Sample ID: 460-62993-26 Date Sampled: 09/13/2013 1110
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181800	Lab File ID:	GC2F5419.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0009			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.8	U	5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	110		50 - 105
Chlorobenzene	72		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-WT**

Lab Sample ID: 460-62993-27 Date Sampled: 09/13/2013 1115
Client Matrix: Solid % Moisture: 12.6 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181800	Lab File ID:	GC2F5478.D
Dilution:	20			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1522			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		3100		130	130

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-SI**

Lab Sample ID: 460-62993-28 Date Sampled: 09/13/2013 1120
Client Matrix: Solid % Moisture: 11.6 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181800	Lab File ID:	GC2F5479.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1537			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		13		6.2	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	85		50 - 105
Chlorobenzene	104	X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-13SE-SD**

Lab Sample ID: 460-62993-29 Date Sampled: 09/13/2013 1125
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181800	Lab File ID:	GC2F5422.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 0053			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		18		6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	97		50 - 105
Chlorobenzene	66		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-30 Date Sampled: 09/13/2013 1145
Client Matrix: Solid % Moisture: 4.2 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181800	Lab File ID:	GC2F5423.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 0108			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		69		5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	99		50 - 105
Chlorobenzene	69		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-31 Date Sampled: 09/13/2013 1150
Client Matrix: Solid % Moisture: 13.5 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181800	Lab File ID:	GC2F5424.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 0122			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.4	U	6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	55		50 - 105
Chlorobenzene	35	X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-32 Date Sampled: 09/13/2013 1155
Client Matrix: Solid % Moisture: 14.6 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181800	Lab File ID:	GC2F5480.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1552			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.4	U	6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	59		50 - 105
Chlorobenzene	49		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-33 Date Sampled: 09/13/2013 1200
Client Matrix: Solid % Moisture: 16.9 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181800	Lab File ID:	GC2F5481.D
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/19/2013 1606			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.6	U	6.6	6.6

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	78		50 - 105
Chlorobenzene	92	X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-31SE-VS**

Lab Sample ID: 460-62993-34 Date Sampled: 09/13/2013 1245
Client Matrix: Solid % Moisture: 5.1 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181800	Lab File ID:	GC2F5429.D
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/19/2013 0236			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		24		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	51		50 - 105
Chlorobenzene	33	X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-31SE-VD**

Lab Sample ID: 460-62993-35 Date Sampled: 09/13/2013 1250
Client Matrix: Solid % Moisture: 5.3 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181800	Lab File ID:	GC2F5430.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/19/2013 0251			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.8	U	5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	67		50 - 105
Chlorobenzene	49		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-36 Date Sampled: 09/13/2013 1255
Client Matrix: Solid % Moisture: 10.3 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181800	Lab File ID:	GC2F5482.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1621			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.1	U	6.1	6.1

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	53		50 - 105
Chlorobenzene	43		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **PMP-32SE-VS**

Lab Sample ID: 460-62993-37 Date Sampled: 09/13/2013 1230
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181800	Lab File ID:	GC2F5483.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1636			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		11		5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	61		50 - 105
Chlorobenzene	47		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-38 Date Sampled: 09/13/2013 1235
Client Matrix: Solid % Moisture: 7.9 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181800	Lab File ID:	GC2F5484.D
Dilution:	10			Initial Weight/Volume:	15.05 g
Analysis Date:	09/19/2013 1651			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		580		60	60

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

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

Lab Sample ID: 460-62993-39 Date Sampled: 09/13/2013 1240
Client Matrix: Solid % Moisture: 14.3 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181800	Lab File ID:	GC2F5434.D
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/19/2013 0349			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		55		6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	62		50 - 105
Chlorobenzene	44		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP-091313**

Lab Sample ID: 460-62993-40FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 3.9 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181800	Lab File ID:	GC2F5435.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0404			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		89		5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	101		50 - 105
Chlorobenzene	71		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP1-091313**

Lab Sample ID: 460-62993-41FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 12.2 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181800	Lab File ID:	GC2F5436.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0419			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		24		6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	62		50 - 105
Chlorobenzene	43		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP2-091313**

Lab Sample ID: 460-62993-42FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 14.1 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181802	Lab File ID:	GC2F5492.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1848			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1445			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		21		6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	62		50 - 105
Chlorobenzene	77		40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **DUP3-091313**

Lab Sample ID: 460-62993-43FD Date Sampled: 09/13/2013 0000
Client Matrix: Solid % Moisture: 17.9 Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-181802	Lab File ID:	GC2F5491.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 1833			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1445			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		25		6.7	6.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	87		50 - 105
Chlorobenzene	83	X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Client Sample ID: **FB-091313**

Lab Sample ID: 460-62993-44FB Date Sampled: 09/13/2013 1300
Client Matrix: Water Date Received: 09/13/2013 1617

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-181694	Instrument ID:	CBNAGC2
Prep Method:	3510C	Prep Batch:	460-181476	Lab File ID:	GC2F5271.D
Dilution:	1.0			Initial Weight/Volume:	990 mL
Analysis Date:	09/17/2013 0956			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0819			Injection Volume:	1 uL

Analyte	Result (mg/L)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	0.083	U	0.083	0.083

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	61		51 - 123
Chlorobenzene	51		42 - 93

General Chemistry

Client Sample ID: **PMP-6SE-VD**

Lab Sample ID: 460-62993-1 Date Sampled: 09/13/2013 0820
Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Percent Solids	94.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182249	Analysis Date: 09/19/2013 1620						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-6SE-WT**

Lab Sample ID: 460-62993-2 Date Sampled: 09/13/2013 0825
Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	9.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Percent Solids	90.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182249	Analysis Date: 09/19/2013 1620						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-6SE-SI**

Lab Sample ID: 460-62993-3 Date Sampled: 09/13/2013 0830

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	14.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Percent Solids	85.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Chloride-ASTM Leach	58.0	U	mg/Kg	58.0	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-182249	Analysis Date: 09/19/2013 1624						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-5SE-VD**

Lab Sample ID: 460-62993-4 Date Sampled: 09/13/2013 0835

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Percent Solids	95.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-182249	Analysis Date: 09/19/2013 1624						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-5SE-WT**

Lab Sample ID: 460-62993-5 Date Sampled: 09/13/2013 0840

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	9.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Percent Solids	90.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Chloride-ASTM Leach	58.2	U	mg/Kg	58.2	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182249	Analysis Date: 09/19/2013 1633						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-5SE-SI**

Lab Sample ID: 460-62993-6 Date Sampled: 09/13/2013 0845

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	12.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Percent Solids	87.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Chloride-ASTM Leach	58.2	U	mg/Kg	58.2	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182249	Analysis Date: 09/19/2013 1633						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-8SE-VS**

Lab Sample ID: 460-62993-7 Date Sampled: 09/13/2013 0850

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Percent Solids	95.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182249	Analysis Date: 09/19/2013 1633						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-8SE-VD**

Lab Sample ID: 460-62993-8 Date Sampled: 09/13/2013 0855

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	3.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Percent Solids	96.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-182249	Analysis Date: 09/19/2013 1633						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-8SE-WT**

Lab Sample ID: 460-62993-9 Date Sampled: 09/13/2013 0900

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	9.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Percent Solids	90.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182249	Analysis Date: 09/19/2013 1633						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-4SE-VS**

Lab Sample ID: 460-62993-10 Date Sampled: 09/13/2013 0920

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Percent Solids	94.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182249	Analysis Date: 09/19/2013 1633						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-4SE-VD**

Lab Sample ID: 460-62993-11 Date Sampled: 09/13/2013 0930

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	7.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Percent Solids	92.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182249	Analysis Date: 09/19/2013 1633						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-4SE-WT**

Lab Sample ID: 460-62993-12 Date Sampled: 09/13/2013 0925

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	3.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Percent Solids	96.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Chloride-ASTM Leach	58.2	U	mg/Kg	58.2	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-182249	Analysis Date: 09/19/2013 1637						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-14SE-VS**

Lab Sample ID: 460-62993-13 Date Sampled: 09/13/2013 0935

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Percent Solids	94.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182249	Analysis Date: 09/19/2013 1637						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-14SE-VD**

Lab Sample ID: 460-62993-14 Date Sampled: 09/13/2013 0940

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	3.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Percent Solids	96.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 0948						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-14SE-WT**

Lab Sample ID: 460-62993-15 Date Sampled: 09/13/2013 0945

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	3.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Percent Solids	96.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 0948						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-25SE-VS**

Lab Sample ID: 460-62993-16 Date Sampled: 09/13/2013 0950

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Percent Solids	94.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 0948						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-25SE-VD**

Lab Sample ID: 460-62993-17 Date Sampled: 09/13/2013 0955
Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Percent Solids	95.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 0948						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-25SE-WT**

Lab Sample ID: 460-62993-18 Date Sampled: 09/13/2013 1000

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	12.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Percent Solids	87.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Chloride-ASTM Leach	58.2	U	mg/Kg	58.2	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 0948						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-7SE-VD**

Lab Sample ID: 460-62993-19 Date Sampled: 09/13/2013 1010

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Percent Solids	94.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 0948						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-7SE-WT**

Lab Sample ID: 460-62993-20 Date Sampled: 09/13/2013 1015

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	10.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Percent Solids	89.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 0952						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-7SE-SI**

Lab Sample ID: 460-62993-21 Date Sampled: 09/13/2013 1020

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	15.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Percent Solids	84.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 0952						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-10SE-VD**

Lab Sample ID: 460-62993-22 Date Sampled: 09/13/2013 1045

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Percent Solids	95.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1001						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-10SE-WT**

Lab Sample ID: 460-62993-23 Date Sampled: 09/13/2013 1050

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	11.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Percent Solids	88.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Chloride-ASTM Leach	58.2	U	mg/Kg	58.2	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1001						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-10SE-SI**

Lab Sample ID: 460-62993-24 Date Sampled: 09/13/2013 1055

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	14.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Percent Solids	85.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Chloride-ASTM Leach	58.2	U	mg/Kg	58.2	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1001						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-10SE-SD**

Lab Sample ID: 460-62993-25 Date Sampled: 09/13/2013 1100

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	18.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Percent Solids	81.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1001						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-13SE-VD**

Lab Sample ID: 460-62993-26 Date Sampled: 09/13/2013 1110

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Percent Solids	94.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Chloride-ASTM Leach	58.2	U	mg/Kg	58.2	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1001						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-13SE-WT**

Lab Sample ID: 460-62993-27 Date Sampled: 09/13/2013 1115

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	12.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Percent Solids	87.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1001						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-13SE-SI**

Lab Sample ID: 460-62993-28 Date Sampled: 09/13/2013 1120

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	11.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Percent Solids	88.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1001						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-13SE-SD**

Lab Sample ID: 460-62993-29 Date Sampled: 09/13/2013 1125

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Percent Solids	86.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1004						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62993-30 Date Sampled: 09/13/2013 1145

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Percent Solids	95.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1004						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62993-31 Date Sampled: 09/13/2013 1150

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Percent Solids	86.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Chloride-ASTM Leach	58.2	U	mg/Kg	58.2	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1010						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62993-32 Date Sampled: 09/13/2013 1155

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	14.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Percent Solids	85.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1010						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62993-33 Date Sampled: 09/13/2013 1200

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	16.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Percent Solids	83.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Chloride-ASTM Leach	58.2	U	mg/Kg	58.2	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1010						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-31SE-VS**

Lab Sample ID: 460-62993-34 Date Sampled: 09/13/2013 1245

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Percent Solids	94.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1010						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-31SE-VD**

Lab Sample ID: 460-62993-35 Date Sampled: 09/13/2013 1250

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Percent Solids	94.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1010						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62993-36 Date Sampled: 09/13/2013 1255

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	10.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Percent Solids	89.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1010						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-32SE-VS**

Lab Sample ID: 460-62993-37 Date Sampled: 09/13/2013 1230

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	3.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Percent Solids	96.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1010						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62993-38 Date Sampled: 09/13/2013 1235

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	7.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Percent Solids	92.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1013						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62993-39 Date Sampled: 09/13/2013 1240

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	14.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Percent Solids	85.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181604	Analysis Date: 09/16/2013 1700						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1013						DryWt Corrected: N

General Chemistry

Client Sample ID: **DUP-091313**

Lab Sample ID: 460-62993-40FD
Client Matrix: Solid

Date Sampled: 09/13/2013 0000
Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	3.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Percent Solids	96.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1018						DryWt Corrected: N

General Chemistry

Client Sample ID: **DUP1-091313**

Lab Sample ID: 460-62993-41FD Date Sampled: 09/13/2013 0000

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	12.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Percent Solids	87.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1019						DryWt Corrected: N

General Chemistry

Client Sample ID: **DUP2-091313**

Lab Sample ID: 460-62993-42FD
Client Matrix: Solid

Date Sampled: 09/13/2013 0000
Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	14.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Percent Solids	85.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1019						DryWt Corrected: N

General Chemistry

Client Sample ID: **DUP3-091313**

Lab Sample ID: 460-62993-43FD Date Sampled: 09/13/2013 0000

Client Matrix: Solid Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	17.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Percent Solids	82.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181838	Analysis Date: 09/17/2013 1713						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-182365	Analysis Date: 09/20/2013 1019						DryWt Corrected: N

General Chemistry

Client Sample ID: **FB-091313**

Lab Sample ID: 460-62993-44FB Date Sampled: 09/13/2013 1300

Client Matrix: Water Date Received: 09/13/2013 1617

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Chloride	0.84	U	mg/L	0.84	5.0	1.0	SM 4500 Cl- B

Analysis Batch: 460-182049 Analysis Date: 09/17/2013 1600

Client: Antea USA, Inc. Job Number: 460-62993-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-62993-1	PMP-6SE-VD	102	117	105	100
460-62993-4	PMP-5SE-VD	106	122	106	98
460-62993-7	PMP-8SE-VS	108	128	112	99
460-62993-8	PMP-8SE-VD	98	116	107	98
460-62993-9	PMP-8SE-WT	101	114	110	101
460-62993-10	PMP-4SE-VS	100	115	110	100
460-62993-11	PMP-4SE-VD	99	117	108	99
460-62993-12	PMP-4SE-WT	97	114	109	100
460-62993-13	PMP-14SE-VS	79	91	86	80
460-62993-14	PMP-14SE-VD	99	117	106	97
460-62993-15	PMP-14SE-WT	101	122	109	100
460-62993-16	PMP-25SE-VS	99	117	109	99
460-62993-17	PMP-25SE-VD	98	114	107	99
460-62993-18	PMP-25SE-WT	98	115	106	98
460-62993-22	PMP-10SE-VD	102	116	110	99
460-62993-23	PMP-10SE-WT	103	118	109	93
460-62993-24	PMP-10SE-SI	97	113	107	98
460-62993-25	PMP-10SE-SD	97	110	106	97
460-62993-26	PMP-13SE-VD	108	125	108	104
460-62993-27	PMP-13SE-WT	98	113	108	97
460-62993-29	PMP-13SE-SD	101	116	108	98
460-62993-30	PMP-15SE-VD	99	114	106	98
460-62993-31	PMP-15SE-WT	101	119	108	99
460-62993-32	PMP-15SE-SI	100	114	106	99
460-62993-33	PMP-15SE-SD	103	119	108	101
460-62993-34	PMP-31SE-VS	104	116	107	98
460-62993-35	PMP-31SE-VD	106	123	111	104
460-62993-36	PMP-31SE-WT	104	116	108	99
460-62993-37	PMP-32SE-VS	103	118	110	100

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: Antea USA, Inc. Job Number: 460-62993-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-62993-38	PMP-32SE-VD	105	118	108	99
460-62993-39	PMP-32SE-WT	78	89	85	78
460-62993-40	DUP-091313	105	120	112	104
460-62993-41	DUP1-091313	107	126	106	94
460-62993-42	DUP2-091313	102	111	106	98
460-62993-43	DUP3-091313	103	114	112	104
MB 460-181583/6		103	114	112	102
MB 460-181663/7		98	113	108	99
MB 460-181813/6		101	112	108	99
MB 460-182287/7		99	119	105	96
LCS 460-181583/3		103	113	107	103
LCS 460-181663/4		100	113	109	101
LCS 460-181813/3		98	111	109	99
LCS 460-182287/4		105	118	108	99
LCSD 460-181583/4		96	107	104	98
LCSD 460-181663/5		99	113	107	99
LCSD 460-181813/4		98	108	109	99
LCSD 460-182287/5		107	120	107	101

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: Antea USA, Inc. Job Number: 460-62993-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-62993-2	PMP-6SE-WT	84	92	78	86
460-62993-3	PMP-6SE-SI	93	94	84	92
460-62993-5	PMP-5SE-WT	94	97	86	95
460-62993-6	PMP-5SE-SI	89	92	84	92
460-62993-19	PMP-7SE-VD	154X	156X	138	150X
460-62993-20	PMP-7SE-WT	89	92	83	89
460-62993-21	PMP-7SE-SI	86	93	81	87
460-62993-28	PMP-13SE-SI	84	91	80	88
MB 460-182095/8		96	97	96	92
MB 460-182277/7		99	101	102	97
LCS 460-182095/5		99	99	98	93
LCS 460-182277/4		98	100	99	94
460-62968-A-6-A MS		88	86	74	81
460-62871-A-1-A MS		90	91	77	85
460-62968-A-6-A MSD		91	91	78	83
460-62871-A-1-A MSD		90	91	79	88

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	75-135
TOL = Toluene-d8 (Surr)	59-150
BFB = Bromofluorobenzene	72-133

Client: Antea USA, Inc.

Job Number: 460-62993-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-62993-44	FB-091313	104	103	93	99
MB 460-181697/8		108	109	99	105
LCS 460-181697/5		99	98	96	109
460-62772-C-2 MS		103	102	95	110
460-62772-C-2 MSD		107	104	101	117

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: Antea USA, Inc. Job Number: 460-62993-1

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
460-62993-1	PMP-6SE-VD	74	82	70	74	79	91
460-62993-2	PMP-6SE-WT	71	77	72	71	104	65
460-62993-3	PMP-6SE-SI	68	69	62	74	72	72
460-62993-4	PMP-5SE-VD	66	72	60	65	69	83
460-62993-5	PMP-5SE-WT	77	79	77	82	93	71
460-62993-6	PMP-5SE-SI	75	78	75	79	84	69
460-62993-7	PMP-8SE-VS	70	67	73	87	65	63
460-62993-8	PMP-8SE-VD	74	78	72	75	78	84
460-62993-9	PMP-8SE-WT	75	79	72	75	84	86
460-62993-10	PMP-4SE-VS	67	68	63	78	56	68
460-62993-11	PMP-4SE-VD	88	83	80	83	69	85
460-62993-12	PMP-4SE-WT	82	77	73	77	57	83
460-62993-13	PMP-14SE-VS	90	84	81	88	76	86
460-62993-14	PMP-14SE-VD	84	79	74	77	65	86
460-62993-15	PMP-14SE-WT	95	88	83	86	74	97
460-62993-16	PMP-25SE-VS	91	86	80	85	62	91
460-62993-17	PMP-25SE-VD	93	87	79	84	77	93
460-62993-18	PMP-25SE-WT	86	83	73	78	72	90
460-62993-19 DL	PMP-7SE-VD DL	0D	0D	0D	0D	0D	0D
460-62993-20	PMP-7SE-WT	86	83	75	92	69	86
460-62993-21	PMP-7SE-SI	88	80	76	78	64	81
460-62993-22	PMP-10SE-VD	91	86	76	82	71	86
460-62993-23	PMP-10SE-WT	89	82	77	84	71	85
460-62993-24	PMP-10SE-SI	79	80	61	74	77	92
460-62993-25	PMP-10SE-SD	80	75	65	75	68	81
460-62993-26	PMP-13SE-VD	90	86	73	83	73	92
460-62993-27 DL	PMP-13SE-WT DL	0D	0D	0D	0D	0D	0D
460-62993-28	PMP-13SE-SI	95	88	84	87	78	93
460-62993-29	PMP-13SE-SD	82	80	64	80	78	89

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: 460-62993-1

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
460-62993-30	PMP-15SE-VD	55	76	79	70	56	69
460-62993-31	PMP-15SE-WT	88	83	73	81	73	92
460-62993-32	PMP-15SE-SI	69	83	78	79	71	82
460-62993-33	PMP-15SE-SD	65	87	87	86	67	85
460-62993-34	PMP-31SE-VS	72	83	88	88	69	81
460-62993-35	PMP-31SE-VD	69	86	76	79	74	85
460-62993-36	PMP-31SE-WT	59	78	76	77	73	81
460-62993-37	PMP-32SE-VS	69	79	82	87	67	77
460-62993-38	PMP-32SE-VD	77	80	74	86	73	80
460-62993-39	PMP-32SE-WT	68	80	92	83	71	82
460-62993-40	DUP-091313	67	80	78	82	73	80
460-62993-41	DUP1-091313	55	70	55	63	70	84
460-62993-42	DUP2-091313	56	77	69	71	65	80
460-62993-43	DUP3-091313	67	85	74	79	80	86
MB 460-181707/1-A		70	80	80	80	75	85
MB 460-181712/1-A		95	90	85	85	76	95
MB 460-181718/1-A		68	81	77	70	66	80
MB 460-182330/1-A		86	77	76	80	64	87
LCS 460-181707/2-A		64	73	72	72	69	68
LCS 460-181712/2-A		75	68	67	69	70	73
LCS 460-181718/2-A		59	66	65	65	62	60
LCS 460-182330/2-A		79	73	71	72	67	75
460-62993-11 MS	PMP-4SE-VD MS	87	77	75	78	74	85
460-62993-30 MS	PMP-15SE-VD MS	66	77	83	77	75	69
460-62433-A-7-A MS		67	68	71	79	73	67
460-63294-E-2-B MS		92	85	82	82	79	89
460-62993-11 MSD	PMP-4SE-VD MSD	77	70	68	73	69	72
460-62993-30 MSD	PMP-15SE-VD MSD	65	74	74	74	67	67
460-62433-A-7-B MSD		73	74	80	86	77	72

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: 460-62993-1

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
460-63294-E-2-C MSD		89	81	80	78	75	91

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: 460-62993-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-62993-44	FB-091313	56	37	108	111	166X	136X
MB 460-181730/1-A		53	40	82	78	87	100
LCS 460-181730/2-A		52	42	70	70	86	72
LCSD 460-181730/3-A		51	40	68	76	101	74

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	15-96
PHL = Phenol-d5	4-86
NBZ = Nitrobenzene-d5	60-114
FBP = 2-Fluorobiphenyl	50-120
TBP = 2,4,6-Tribromophenol	51-126
TPH = Terphenyl-d14	72-130

Client: Antea USA, Inc.

Job Number: 460-62993-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-62993-1	PMP-6SE-VD	95	101
460-62993-2	PMP-6SE-WT	0X	0X
460-62993-3	PMP-6SE-SI	0X	0X
460-62993-4	PMP-5SE-VD	92	97
460-62993-5	PMP-5SE-WT	0X	0X
460-62993-6	PMP-5SE-SI	0X	0X
460-62993-7	PMP-8SE-VS	0X	0X
460-62993-8	PMP-8SE-VD	83	93
460-62993-9	PMP-8SE-WT	88	95
460-62993-10	PMP-4SE-VS	0X	0X
460-62993-11	PMP-4SE-VD	83	98
460-62993-12	PMP-4SE-WT	93	99
460-62993-13	PMP-14SE-VS	77	92
460-62993-14	PMP-14SE-VD	84	91
460-62993-15	PMP-14SE-WT	88	91
460-62993-16	PMP-25SE-VS	93	97
460-62993-17	PMP-25SE-VD	94	96
460-62993-18	PMP-25SE-WT	92	95
460-62993-19	PMP-7SE-VD	0X	0X
460-62993-20	PMP-7SE-WT	0X	0X
460-62993-21	PMP-7SE-SI	0X	0X
460-62993-22	PMP-10SE-VD	86	91
460-62993-23	PMP-10SE-WT	90	93
460-62993-24	PMP-10SE-SI	92	96
460-62993-25	PMP-10SE-SD	85	89
460-62993-26	PMP-13SE-VD	92	97
460-62993-27	PMP-13SE-WT	0X	0X
460-62993-28	PMP-13SE-SI	96	99
460-62993-29	PMP-13SE-SD	89	94

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	45-138

Client: Antea USA, Inc.

Job Number: 460-62993-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-62993-30	PMP-15SE-VD	95	98
460-62993-31	PMP-15SE-WT	92	96
460-62993-32	PMP-15SE-SI	92	95
460-62993-33	PMP-15SE-SD	94	99
460-62993-34	PMP-31SE-VS	89	93
460-62993-35	PMP-31SE-VD	96	100
460-62993-36	PMP-31SE-WT	90	95
460-62993-37	PMP-32SE-VS	98	102
460-62993-38	PMP-32SE-VD	86	97
460-62993-39	PMP-32SE-WT	91	96
460-62993-40	DUP-091313	88	93
460-62993-41	DUP1-091313	90	94
460-62993-42	DUP2-091313	83	86
460-62993-43	DUP3-091313	81	86
MB 460-181667/1-A		129	132
MB 460-181668/1-A		97	101
MB 460-181669/1-A		98	101
LCS 460-181667/2-A		115	120
LCS 460-181668/2-A		135	137
LCS 460-181669/2-A		100	103
460-62993-1 MS	PMP-6SE-VD MS	87	90
460-62993-21 MS	PMP-7SE-SI MS	0X	0X
460-63014-A-1-H MS		119	112
460-62993-1 MSD	PMP-6SE-VD MSD	95	100
460-62993-21 MSD	PMP-7SE-SI MSD	0X	0X
460-63014-A-1-I MSD		78	85

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	45-138

Client: Antea USA, Inc.

Job Number: 460-62993-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-62993-44	FB-091313	62	57
MB 460-181488/1-A		110	100
LCS 460-181488/2-A		94	85
LCSD 460-181488/3-A		95	82

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	37-150

Client: Antea USA, Inc.

Job Number: 460-62993-1

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
460-62993-1	PMP-6SE-VD	53	72
460-62993-2	PMP-6SE-WT	0D X	0D X
460-62993-3	PMP-6SE-SI	0D X	0D X
460-62993-4	PMP-5SE-VD	42	65
460-62993-5	PMP-5SE-WT	0D X	0D X
460-62993-6	PMP-5SE-SI	0D X	0D X
460-62993-7	PMP-8SE-VS	0D X	0D X
460-62993-8	PMP-8SE-VD	34X	51
460-62993-9	PMP-8SE-WT	50	73
460-62993-10	PMP-4SE-VS	0D X	0D X
460-62993-11	PMP-4SE-VD	54	72
460-62993-12	PMP-4SE-WT	44	63
460-62993-13	PMP-14SE-VS	109X	56
460-62993-14	PMP-14SE-VD	34X	51
460-62993-15	PMP-14SE-WT	41	55
460-62993-16	PMP-25SE-VS	125X	60
460-62993-17	PMP-25SE-VD	53	71
460-62993-18	PMP-25SE-WT	54	68
460-62993-19	PMP-7SE-VD	0X D	0X D
460-62993-20	PMP-7SE-WT	0X D	0X D
460-62993-21	PMP-7SE-SI	0X D	0X D
460-62993-22	PMP-10SE-VD	57	100
460-62993-23	PMP-10SE-WT	48	78
460-62993-24	PMP-10SE-SI	45	70
460-62993-25	PMP-10SE-SD	62	94
460-62993-26	PMP-13SE-VD	72	110
460-62993-27	PMP-13SE-WT	0X D	0X D
460-62993-28	PMP-13SE-SI	104X	85
460-62993-29	PMP-13SE-SD	66	97

Surrogate	Acceptance Limits
CB = Chlorobenzene	40-80
OTPH = o-Terphenyl	50-105

Client: Antea USA, Inc. Job Number: 460-62993-1

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
460-62993-30	PMP-15SE-VD	69	99
460-62993-31	PMP-15SE-WT	35X	55
460-62993-32	PMP-15SE-SI	49	59
460-62993-33	PMP-15SE-SD	92X	78
460-62993-34	PMP-31SE-VS	33X	51
460-62993-35	PMP-31SE-VD	49	67
460-62993-36	PMP-31SE-WT	43	53
460-62993-37	PMP-32SE-VS	47	61
460-62993-38	PMP-32SE-VD	0X D	0X D
460-62993-39	PMP-32SE-WT	44	62
460-62993-40	DUP-091313	71	101
460-62993-41	DUP1-091313	43	62
460-62993-42	DUP2-091313	77	62
460-62993-43	DUP3-091313	83X	87
MB 460-181553/1-A		61	84
MB 460-181554/1-A		58	78
MB 460-181800/1-A		58	79
MB 460-181802/1-A		61	81
MB 460-181994/1-A		56	78
LCS 460-181553/2-A		71	78
LCS 460-181554/2-A		66	77
LCS 460-181800/2-A		70	81
LCS 460-181802/2-A		66	81
LCS 460-181994/2-A		69	80
460-62993-2 MS	PMP-6SE-WT MS	0D X	0D X
460-62993-15 MS	PMP-14SE-WT MS	61	71
460-62993-22 MS	PMP-10SE-VD MS	83X	94
460-62993-43 MS	DUP3-091313 MS	39X	56
460-62968-E-35-F MS		54	66
460-62993-2 MSD	PMP-6SE-WT MSD	0D X	0D X

Surrogate	Acceptance Limits
CB = Chlorobenzene	40-80
OTPH = o-Terphenyl	50-105

Client: Antea USA, Inc.

Job Number: 460-62993-1

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
460-62993-15 MSD	PMP-14SE-WT MSD	61	72
460-62993-22 MSD	PMP-10SE-VD MSD	90X	94
460-62993-43 MSD	DUP3-091313 MSD	71	94
460-62968-E-35-G MSD		44	55

Surrogate	Acceptance Limits
CB = Chlorobenzene	40-80
OTPH = o-Terphenyl	50-105

Client: Antea USA, Inc.

Job Number: 460-62993-1

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
460-62993-44	FB-091313	51	61
MB 460-181476/1-A		49	64
LCS 460-181476/2-A		70	77
LCSD 460-181476/3-A		70	76

Surrogate	Acceptance Limits
CB = Chlorobenzene	42-93
OTPH = o-Terphenyl	51-123

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181329

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-62968-A-6-A MS	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-181329	Lab File ID:	B60676.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.897 g
Analysis Date:	09/19/2013 1513			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1131				
Leach Date:	N/A				

MSD Lab Sample ID:	460-62968-A-6-A MSD	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-181329	Lab File ID:	B60677.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.897 g
Analysis Date:	09/19/2013 1536			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1131				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	86	91	52 - 144	6	30		
Bromomethane	86	97	58 - 164	12	30		
Vinyl chloride	93	101	55 - 154	8	30		
Chloroethane	121	119	66 - 144	2	30		
Methylene Chloride	97	100	78 - 118	3	30		
Acetone	87	88	48 - 177	1	30		
Carbon disulfide	77	85	70 - 120	9	30		
Trichlorofluoromethane	94	94	60 - 148	0	30		
1,1-Dichloroethene	91	98	68 - 138	8	30		
1,1-Dichloroethane	103	102	79 - 119	1	30		
trans-1,2-Dichloroethene	96	107	73 - 119	10	30		
cis-1,2-Dichloroethene	103	102	78 - 118	1	30		
Chloroform	103	106	81 - 122	3	30		
2-Butanone	103	105	70 - 139	3	30		
1,2-Dichloroethane	97	101	81 - 121	5	30		
1,1,1-Trichloroethane	98	96	78 - 118	2	30		
Carbon tetrachloride	93	98	64 - 130	5	30		
Benzene	98	103	71 - 118	5	30		
Bromoform	105	105	76 - 133	0	30		
Styrene	97	103	73 - 126	5	30		
Ethylbenzene	94	101	78 - 124	8	30		
Chlorobenzene	95	99	69 - 124	5	30		
Cyclohexane	94	89	69 - 128	5	30		
Isopropylbenzene	96	100	80 - 143	4	30		
2-Hexanone	91	94	62 - 123	4	30		
MTBE	99	99	65 - 143	0	30		
Freon TF	118	112	50 - 128	5	30		
Methyl acetate	97	99	72 - 165	1	30		
1,4-Dioxane	104	114	54 - 147	10	30		
Trichloroethene	95	100	82 - 122	4	30		
Toluene	94	98	79 - 136	3	30		
trans-1,3-Dichloropropene	113	115	73 - 118	2	30		
4-Methyl-2-pentanone	94	99	69 - 124	5	30		

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181329

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-62968-A-6-A MS	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-181329	Lab File ID:	B60676.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.897 g
Analysis Date:	09/19/2013 1513			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1131				
Leach Date:	N/A				

MSD Lab Sample ID:	460-62968-A-6-A MSD	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-181329	Lab File ID:	B60677.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.897 g
Analysis Date:	09/19/2013 1536			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1131				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	94	101	75 - 120	7	30		
1,2-Dichlorobenzene	95	98	83 - 123	3	30		
1,3-Dichlorobenzene	95	99	83 - 123	4	30		
1,4-Dichlorobenzene	89	92	84 - 124	3	30		
1,2,4-Trichlorobenzene	139	91	62 - 144	33	30		F
1,2,3-Trichlorobenzene	131	152	36 - 207	15	30		
1,2-Dichloropropane	95	100	78 - 118	5	30		
Methylcyclohexane	101	102	80 - 134	1	30		
Tetrachloroethene	89	91	78 - 136	2	30		
Xylenes, Total	94	97	78 - 126	3	30		
1,2-Dibromo-3-Chloropropane	245	263	62 - 127	7	30	F	F
1,1,2,2-Tetrachloroethane	138	140	86 - 145	1	30		
1,1,2-Trichloroethane	94	100	77 - 120	7	30		
Dibromochloromethane	88	94	78 - 118	6	30		
1,2-Dibromoethane	94	99	76 - 120	5	30		
Dichlorodifluoromethane	65	71	41 - 149	8	30		
Bromochloromethane	92	98	81 - 121	6	30		
Bromodichloromethane	86	91	78 - 118	6	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	91	75 - 135
Toluene-d8 (Surr)	74	78	59 - 150
Bromofluorobenzene	81	83	72 - 133

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181329

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-62968-A-6-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-62968-A-6-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	09/19/2013 1513			Analysis Date:	09/19/2013 1536
Prep Date:	09/14/2013 1131			Prep Date:	09/14/2013 1131
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	9.4	U	1950	1950	1670	1780	
Bromomethane	18	U	1950	1950	1670	1880	
Vinyl chloride	14	U	1950	1950	1810	1970	
Chloroethane	16	U	1950	1950	2360	2320	
Methylene Chloride	18	U	1950	1950	1890	1950	
Acetone	260	U	9740	9740	8470	8550	
Carbon disulfide	12	U	1950	1950	1500	1650	
Trichlorofluoromethane	14	U	1950	1950	1830	1830	
1,1-Dichloroethene	8.6	U	1950	1950	1770	1910	
1,1-Dichloroethane	13	U	1950	1950	2000	1990	
trans-1,2-Dichloroethene	13	U	1950	1950	1880	2080	
cis-1,2-Dichloroethene	17	U	1950	1950	2010	2000	
Chloroform	64	J	1950	1950	2070	2120	
2-Butanone	230	U	9740	9740	10000	10300	
1,2-Dichloroethane	18	U	1950	1950	1880	1970	
1,1,1-Trichloroethane	6.1	U	1950	1950	1910	1870	
Carbon tetrachloride	5.6	U	1950	1950	1820	1920	
Benzene	8.0	U	1950	1950	1900	2010	
Bromoform	19	U	1950	1950	2050	2040	
Styrene	58	J	1950	1950	1960	2070	
Ethylbenzene	9.3	U	1950	1950	1830	1980	
Chlorobenzene	37	J	1950	1950	1880	1980	
Cyclohexane	15	U	1950	1950	1830	1740	
Isopropylbenzene	26	J	1950	1950	1900	1970	
2-Hexanone	49	U	9740	9740	8840	9190	
MTBE	13	U	1950	1950	1930	1930	
Freon TF	8.0	U	1950	1950	2300	2180	
Methyl acetate	33	U	9740	9740	9490	9600	
1,4-Dioxane	3500	U	39000	39000	40400	44500	
Trichloroethene	12	J	1950	1950	1870	1950	
Toluene	31	J	1950	1950	1870	1930	
trans-1,3-Dichloropropene	24	U	1950	1950	2190	2240	
4-Methyl-2-pentanone	96	U	9740	9740	9200	9660	
cis-1,3-Dichloropropene	18	U	1950	1950	1840	1970	
1,2-Dichlorobenzene	20	U	1950	1950	1860	1910	
1,3-Dichlorobenzene	13	U	1950	1950	1840	1920	
1,4-Dichlorobenzene	460		1950	1950	2190	2260	
1,2,4-Trichlorobenzene	600		1950	1950	3300	2380	F
1,2,3-Trichlorobenzene	50	U	1950	1950	2550	2960	
1,2-Dichloropropane	8.4	U	1950	1950	1850	1940	
Methylcyclohexane	290		1950	1950	2260	2280	
Tetrachloroethene	13	J	1950	1950	1750	1790	
Xylenes, Total	2100		3900	3900	5740	5900	

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181329

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-62968-A-6-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-62968-A-6-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	09/19/2013 1513			Analysis Date:	09/19/2013 1536
Prep Date:	09/14/2013 1131			Prep Date:	09/14/2013 1131
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,2-Dibromo-3-Chloropropane	39	U	1950	1950	4780	F	5120	F
1,1,2,2-Tetrachloroethane	15	U	1950	1950	2690		2730	
1,1,2-Trichloroethane	18	U	1950	1950	1820		1960	
Dibromochloromethane	19	U	1950	1950	1720		1820	
1,2-Dibromoethane	27	U	1950	1950	1840		1940	
Dichlorodifluoromethane	21	U	1950	1950	1270		1380	
Bromochloromethane	27	U	1950	1950	1800		1910	
Bromodichloromethane	12	U	1950	1950	1670		1780	

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181583 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-181583/6	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O77913.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/16/2013 1810	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.15	U	0.15	1.0
Acetone	14.9		1.7	5.0
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	5.0
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	5.0
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	20
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	5.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Xylenes, Total	0.67	U	0.67	3.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181583

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-181583/6	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O77913.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/16/2013 1810	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114	70 - 130
Toluene-d8 (Surr)	112	70 - 130
Bromofluorobenzene	102	70 - 130
Dibromofluoromethane (Surr)	103	70 - 130

Method Blank TICs- Batch: 460-181583

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-181583

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-181583/3	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O77910.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/16/2013 1634	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-181583/4	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O77911.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/16/2013 1659	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	98	81	50 - 151	18	30		
Bromomethane	110	95	54 - 142	14	30		
Vinyl chloride	102	90	67 - 133	13	30		
Chloroethane	102	88	56 - 146	15	30		
Methylene Chloride	96	87	74 - 137	10	30		
Acetone	140	130	27 - 164	8	30		
Carbon disulfide	86	76	72 - 128	12	30		
Trichlorofluoromethane	112	98	61 - 139	13	30		
1,1-Dichloroethene	92	85	71 - 126	8	30		
1,1-Dichloroethane	86	82	76 - 125	4	30		
trans-1,2-Dichloroethene	95	87	75 - 122	9	30		
cis-1,2-Dichloroethene	93	86	80 - 120	8	30		
Chloroform	94	87	77 - 120	8	30		
2-Butanone	96	87	77 - 117	9	30		
1,2-Dichloroethane	99	94	76 - 118	6	30		
1,1,1-Trichloroethane	100	94	78 - 117	6	30		
Carbon tetrachloride	101	94	79 - 118	8	30		
Benzene	91	91	77 - 117	0	30		
Bromoform	97	90	59 - 125	7	30		
Styrene	97	93	82 - 122	4	30		
Ethylbenzene	96	90	81 - 121	7	30		
Chlorobenzene	95	91	80 - 120	5	30		
Cyclohexane	85	84	80 - 121	1	30		
Isopropylbenzene	97	91	65 - 129	7	30		
2-Hexanone	104	95	70 - 122	9	30		
MTBE	113	114	78 - 120	1	30		
Freon TF	94	86	73 - 123	9	30		
Methyl acetate	99	93	73 - 137	6	30		
1,4-Dioxane	102	90	69 - 131	12	30		
Trichloroethene	96	92	79 - 119	5	30		
Toluene	94	90	75 - 115	5	30		
trans-1,3-Dichloropropene	105	103	67 - 121	2	30		
4-Methyl-2-pentanone	96	93	68 - 120	3	30		
cis-1,3-Dichloropropene	100	95	80 - 123	5	30		
1,2-Dichlorobenzene	96	92	80 - 120	4	30		
1,3-Dichlorobenzene	96	94	80 - 120	2	30		

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-181583

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-181583/3	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O77910.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/16/2013 1634	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-181583/4	Analysis Batch:	460-181583	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O77911.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/16/2013 1659	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	94	90	80 - 120	4	30		
1,2,4-Trichlorobenzene	91	88	80 - 120	3	30		
1,2,3-Trichlorobenzene	90	90	75 - 121	0	30		
1,2-Dichloropropane	88	86	82 - 122	2	30		
Methylcyclohexane	99	94	78 - 118	6	30		
Tetrachloroethene	95	90	80 - 120	6	30		
Xylenes, Total	98	94	82 - 122	4	30		
1,2-Dibromo-3-Chloropropane	108	94	74 - 118	13	30		
1,1,2,2-Tetrachloroethane	94	91	79 - 122	3	30		
1,1,2-Trichloroethane	98	93	73 - 118	5	30		
Dibromochloromethane	104	96	68 - 120	8	30		
1,2-Dibromoethane	101	97	75 - 117	4	30		
Dichlorodifluoromethane	116	106	52 - 144	9	30		
Bromochloromethane	94	86	74 - 125	9	30		
Bromodichloromethane	95	91	79 - 119	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	107	70 - 130
Toluene-d8 (Surr)	107	104	70 - 130
Bromofluorobenzene	103	98	70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-181583

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-181583/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-181583/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/16/2013 1634			Analysis Date:	09/16/2013 1659
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	19.6	16.3
Bromomethane	20.0	20.0	21.9	19.0
Vinyl chloride	20.0	20.0	20.5	18.0
Chloroethane	20.0	20.0	20.3	17.6
Methylene Chloride	20.0	20.0	19.2	17.3
Acetone	100	100	140	130
Carbon disulfide	20.0	20.0	17.1	15.2
Trichlorofluoromethane	20.0	20.0	22.4	19.7
1,1-Dichloroethene	20.0	20.0	18.4	16.9
1,1-Dichloroethane	20.0	20.0	17.2	16.5
trans-1,2-Dichloroethene	20.0	20.0	19.0	17.4
cis-1,2-Dichloroethene	20.0	20.0	18.5	17.1
Chloroform	20.0	20.0	18.7	17.4
2-Butanone	100	100	95.6	87.2
1,2-Dichloroethane	20.0	20.0	19.9	18.7
1,1,1-Trichloroethane	20.0	20.0	20.1	18.9
Carbon tetrachloride	20.0	20.0	20.2	18.8
Benzene	20.0	20.0	18.1	18.1
Bromoform	20.0	20.0	19.3	18.0
Styrene	20.0	20.0	19.3	18.5
Ethylbenzene	20.0	20.0	19.3	17.9
Chlorobenzene	20.0	20.0	19.1	18.2
Cyclohexane	20.0	20.0	17.0	16.8
Isopropylbenzene	20.0	20.0	19.4	18.1
2-Hexanone	100	100	104	94.5
MTBE	20.0	20.0	22.6	22.7
Freon TF	20.0	20.0	18.9	17.3
Methyl acetate	100	100	98.9	93.4
1,4-Dioxane	400	400	409	362
Trichloroethene	20.0	20.0	19.2	18.3
Toluene	20.0	20.0	18.9	18.0
trans-1,3-Dichloropropene	20.0	20.0	20.9	20.5
4-Methyl-2-pentanone	100	100	95.5	92.8
cis-1,3-Dichloropropene	20.0	20.0	20.0	19.1
1,2-Dichlorobenzene	20.0	20.0	19.2	18.4
1,3-Dichlorobenzene	20.0	20.0	19.2	18.7
1,4-Dichlorobenzene	20.0	20.0	18.7	18.0
1,2,4-Trichlorobenzene	20.0	20.0	18.1	17.7
1,2,3-Trichlorobenzene	20.0	20.0	18.0	17.9

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-181583

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-181583/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-181583/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/16/2013 1634			Analysis Date:	09/16/2013 1659
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	20.0	20.0	17.6	17.2
Methylcyclohexane	20.0	20.0	19.8	18.7
Tetrachloroethene	20.0	20.0	19.0	18.0
Xylenes, Total	40.0	40.0	39.1	37.8
1,2-Dibromo-3-Chloropropane	20.0	20.0	21.6	18.9
1,1,2,2-Tetrachloroethane	20.0	20.0	18.8	18.1
1,1,2-Trichloroethane	20.0	20.0	19.6	18.6
Dibromochloromethane	20.0	20.0	20.8	19.2
1,2-Dibromoethane	20.0	20.0	20.2	19.4
Dichlorodifluoromethane	20.0	20.0	23.3	21.3
Bromochloromethane	20.0	20.0	18.9	17.2
Bromodichloromethane	20.0	20.0	19.0	18.2

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181663

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-181663/7	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O77943.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/17/2013 0738	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.15	U	0.15	1.0
Acetone	4.59	J	1.7	5.0
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	5.0
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	5.0
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	20
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	5.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Xylenes, Total	0.67	U	0.67	3.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181663

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-181663/7	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O77943.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/17/2013 0738	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	70 - 130
Toluene-d8 (Surr)	108	70 - 130
Bromofluorobenzene	99	70 - 130
Dibromofluoromethane (Surr)	98	70 - 130

Method Blank TICs- Batch: 460-181663

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-181663

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-181663/4	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O77940.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/17/2013 0554	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-181663/5	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O77941.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/17/2013 0619	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	73	54	50 - 151	29	30		
Bromomethane	100	95	54 - 142	5	30		
Vinyl chloride	98	97	67 - 133	1	30		
Chloroethane	93	90	56 - 146	3	30		
Methylene Chloride	89	87	74 - 137	2	30		
Acetone	155	150	27 - 164	3	30		
Carbon disulfide	83	78	72 - 128	6	30		
Trichlorofluoromethane	109	105	61 - 139	5	30		
1,1-Dichloroethene	90	85	71 - 126	6	30		
1,1-Dichloroethane	85	78	76 - 125	8	30		
trans-1,2-Dichloroethene	96	90	75 - 122	6	30		
cis-1,2-Dichloroethene	94	88	80 - 120	7	30		
Chloroform	94	90	77 - 120	5	30		
2-Butanone	87	83	77 - 117	4	30		
1,2-Dichloroethane	102	99	76 - 118	3	30		
1,1,1-Trichloroethane	103	99	78 - 117	4	30		
Carbon tetrachloride	102	97	79 - 118	5	30		
Benzene	95	94	77 - 117	1	30		
Bromoform	96	97	59 - 125	1	30		
Styrene	99	96	82 - 122	3	30		
Ethylbenzene	99	94	81 - 121	6	30		
Chlorobenzene	96	93	80 - 120	3	30		
Cyclohexane	88	85	80 - 121	4	30		
Isopropylbenzene	96	94	65 - 129	3	30		
2-Hexanone	107	111	70 - 122	4	30		
MTBE	118	118	78 - 120	0	30		
Freon TF	96	91	73 - 123	6	30		
Methyl acetate	103	108	73 - 137	5	30		
1,4-Dioxane	84	93	69 - 131	10	30		
Trichloroethene	94	92	79 - 119	3	30		
Toluene	98	95	75 - 115	3	30		
trans-1,3-Dichloropropene	108	109	67 - 121	1	30		
4-Methyl-2-pentanone	101	105	68 - 120	4	30		
cis-1,3-Dichloropropene	101	99	80 - 123	3	30		
1,2-Dichlorobenzene	96	95	80 - 120	1	30		
1,3-Dichlorobenzene	96	96	80 - 120	0	30		

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-181663

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-181663/4	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O77940.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/17/2013 0554	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-181663/5	Analysis Batch:	460-181663	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O77941.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/17/2013 0619	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	95	94	80 - 120	1	30		
1,2,4-Trichlorobenzene	91	92	80 - 120	0	30		
1,2,3-Trichlorobenzene	93	94	75 - 121	2	30		
1,2-Dichloropropane	91	87	82 - 122	4	30		
Methylcyclohexane	100	96	78 - 118	4	30		
Tetrachloroethene	96	93	80 - 120	3	30		
Xylenes, Total	99	97	82 - 122	2	30		
1,2-Dibromo-3-Chloropropane	111	123	74 - 118	11	30		*
1,1,2,2-Tetrachloroethane	99	99	79 - 122	0	30		
1,1,2-Trichloroethane	99	101	73 - 118	1	30		
Dibromochloromethane	107	102	68 - 120	5	30		
1,2-Dibromoethane	104	104	75 - 117	1	30		
Dichlorodifluoromethane	115	108	52 - 144	6	30		
Bromochloromethane	97	88	74 - 125	10	30		
Bromodichloromethane	98	92	79 - 119	6	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	113	70 - 130
Toluene-d8 (Surr)	109	107	70 - 130
Bromofluorobenzene	101	99	70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-181663

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-181663/4	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-181663/5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/17/2013 0554			Analysis Date:	09/17/2013 0619
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	14.5	10.8
Bromomethane	20.0	20.0	20.0	19.1
Vinyl chloride	20.0	20.0	19.6	19.3
Chloroethane	20.0	20.0	18.6	18.0
Methylene Chloride	20.0	20.0	17.9	17.4
Acetone	100	100	155	150
Carbon disulfide	20.0	20.0	16.5	15.6
Trichlorofluoromethane	20.0	20.0	21.9	20.9
1,1-Dichloroethene	20.0	20.0	18.0	16.9
1,1-Dichloroethane	20.0	20.0	17.1	15.7
trans-1,2-Dichloroethene	20.0	20.0	19.1	18.0
cis-1,2-Dichloroethene	20.0	20.0	18.9	17.6
Chloroform	20.0	20.0	18.8	18.0
2-Butanone	100	100	86.6	83.4
1,2-Dichloroethane	20.0	20.0	20.4	19.8
1,1,1-Trichloroethane	20.0	20.0	20.6	19.9
Carbon tetrachloride	20.0	20.0	20.3	19.4
Benzene	20.0	20.0	18.9	18.8
Bromoform	20.0	20.0	19.3	19.4
Styrene	20.0	20.0	19.8	19.2
Ethylbenzene	20.0	20.0	19.8	18.7
Chlorobenzene	20.0	20.0	19.2	18.6
Cyclohexane	20.0	20.0	17.7	17.0
Isopropylbenzene	20.0	20.0	19.3	18.7
2-Hexanone	100	100	107	111
MTBE	20.0	20.0	23.6	23.6
Freon TF	20.0	20.0	19.2	18.1
Methyl acetate	100	100	103	108
1,4-Dioxane	400	400	337	371
Trichloroethene	20.0	20.0	18.8	18.3
Toluene	20.0	20.0	19.6	19.1
trans-1,3-Dichloropropene	20.0	20.0	21.6	21.7
4-Methyl-2-pentanone	100	100	101	105
cis-1,3-Dichloropropene	20.0	20.0	20.2	19.7
1,2-Dichlorobenzene	20.0	20.0	19.1	19.0
1,3-Dichlorobenzene	20.0	20.0	19.2	19.2
1,4-Dichlorobenzene	20.0	20.0	18.9	18.8
1,2,4-Trichlorobenzene	20.0	20.0	18.3	18.3
1,2,3-Trichlorobenzene	20.0	20.0	18.5	18.8

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-181663

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-181663/4	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-181663/5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/17/2013 0554			Analysis Date:	09/17/2013 0619
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual	
1,2-Dichloropropane	20.0	20.0	18.1	17.5	
Methylcyclohexane	20.0	20.0	20.1	19.3	
Tetrachloroethene	20.0	20.0	19.2	18.6	
Xylenes, Total	40.0	40.0	39.7	38.8	
1,2-Dibromo-3-Chloropropane	20.0	20.0	22.2	24.7	*
1,1,2,2-Tetrachloroethane	20.0	20.0	19.8	19.8	
1,1,2-Trichloroethane	20.0	20.0	19.9	20.1	
Dibromochloromethane	20.0	20.0	21.3	20.3	
1,2-Dibromoethane	20.0	20.0	20.7	20.9	
Dichlorodifluoromethane	20.0	20.0	23.0	21.7	
Bromochloromethane	20.0	20.0	19.4	17.6	
Bromodichloromethane	20.0	20.0	19.6	18.4	

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181697

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-181697/8	Analysis Batch:	460-181697	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J04330.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2013 1208	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/17/2013 1208				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.10	U	0.10	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
Chloroform	0.080	U	0.080	1.0
2-Butanone	2.3	U	2.3	5.0
1,2-Dichloroethane	0.19	U	0.19	1.0
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
Bromoform	0.19	U	0.19	1.0
Styrene	0.12	U	0.12	1.0
Ethylbenzene	0.10	U	0.10	1.0
Chlorobenzene	0.11	U	0.11	1.0
Cyclohexane	0.16	U	0.16	1.0
Isopropylbenzene	0.080	U	0.080	1.0
2-Hexanone	0.50	U	0.50	5.0
MTBE	0.14	U	0.14	1.0
Freon TF	0.080	U	0.080	1.0
Methyl acetate	0.34	U	0.34	2.0
1,4-Dioxane	36	U	36	50
Trichloroethene	0.090	U	0.090	1.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
4-Methyl-2-pentanone	0.99	U	0.99	5.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0
1,2,3-Trichlorobenzene	0.51	U	0.51	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Tetrachloroethene	0.10	U	0.10	1.0
Xylenes, Total	0.13	U	0.13	3.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181697

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-181697/8	Analysis Batch:	460-181697	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J04330.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2013 1208	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/17/2013 1208				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Dibromochloromethane	0.20	U	0.20	1.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.27	U	0.27	1.0
Bromodichloromethane	0.12	U	0.12	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	70 - 130
Toluene-d8 (Surr)	99	70 - 130
Bromofluorobenzene	105	70 - 130
Dibromofluoromethane (Surr)	108	70 - 130

Method Blank TICs- Batch: 460-181697

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample - Batch: 460-181697

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-181697/5	Analysis Batch:	460-181697	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J04327.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2013 1041	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/17/2013 1041				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	18.2	91	58 - 146	
Bromomethane	20.0	17.6	88	55 - 153	
Vinyl chloride	20.0	18.7	94	61 - 144	
Chloroethane	20.0	18.7	94	69 - 145	
Methylene Chloride	20.0	18.2	91	79 - 119	
Acetone	100	105	105	45 - 156	
Carbon disulfide	20.0	18.9	94	58 - 139	
Trichlorofluoromethane	20.0	18.9	94	69 - 147	
1,1-Dichloroethene	20.0	18.4	92	56 - 139	
1,1-Dichloroethane	20.0	18.2	91	78 - 122	
trans-1,2-Dichloroethene	20.0	18.5	93	75 - 122	
cis-1,2-Dichloroethene	20.0	18.0	90	80 - 120	
Chloroform	20.0	18.1	90	82 - 123	
2-Butanone	100	89.7	90	65 - 114	
1,2-Dichloroethane	20.0	18.9	95	74 - 118	
1,1,1-Trichloroethane	20.0	19.5	98	74 - 128	
Carbon tetrachloride	20.0	22.0	110	73 - 120	
Benzene	20.0	18.1	90	83 - 124	
Bromoform	20.0	21.2	106	73 - 123	
Styrene	20.0	18.2	91	69 - 112	
Ethylbenzene	20.0	17.2	86	79 - 126	
Chlorobenzene	20.0	18.6	93	81 - 121	
Cyclohexane	20.0	17.4	87	58 - 133	
Isopropylbenzene	20.0	18.8	94	80 - 125	
2-Hexanone	100	83.8	84	53 - 121	
MTBE	20.0	17.1	85	71 - 115	
Freon TF	20.0	20.5	102	47 - 139	
Methyl acetate	100	103	103	50 - 151	
1,4-Dioxane	400	456	114	52 - 126	
Trichloroethene	20.0	18.4	92	78 - 119	
Toluene	20.0	18.1	90	80 - 120	
trans-1,3-Dichloropropene	20.0	15.7	79	78 - 118	
4-Methyl-2-pentanone	100	92.2	92	53 - 120	
cis-1,3-Dichloropropene	20.0	17.3	87	80 - 120	
1,2-Dichlorobenzene	20.0	17.9	90	82 - 122	
1,3-Dichlorobenzene	20.0	17.5	87	81 - 126	
1,4-Dichlorobenzene	20.0	17.5	88	83 - 123	
1,2,4-Trichlorobenzene	20.0	17.3	87	66 - 120	
1,2,3-Trichlorobenzene	20.0	18.2	91	76 - 123	
1,2-Dichloropropane	20.0	17.1	85	80 - 120	
Methylcyclohexane	20.0	17.3	87	61 - 129	
Tetrachloroethene	20.0	21.1	105	68 - 139	
Xylenes, Total	40.0	34.8	87	76 - 121	
1,2-Dibromo-3-Chloropropane	20.0	17.0	85	70 - 116	
1,1,2,2-Tetrachloroethane	20.0	17.4	87	74 - 126	
1,1,2-Trichloroethane	20.0	18.4	92	79 - 119	

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample - Batch: 460-181697

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-181697/5	Analysis Batch:	460-181697	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J04327.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2013 1041	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/17/2013 1041				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	20.0	19.8	99	80 - 120	
1,2-Dibromoethane	20.0	18.6	93	78 - 118	
Dichlorodifluoromethane	20.0	20.4	102	46 - 145	
Bromochloromethane	20.0	19.5	97	80 - 121	
Bromodichloromethane	20.0	18.6	93	79 - 119	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	70 - 130
Toluene-d8 (Surr)	96	70 - 130
Bromofluorobenzene	109	70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181697

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-62772-C-2 MS	Analysis Batch:	460-181697	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J04338.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2013 1526			Final Weight/Volume:	5 mL
Prep Date:	09/17/2013 1526				
Leach Date:	N/A				

MSD Lab Sample ID:	460-62772-C-2 MSD	Analysis Batch:	460-181697	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J04339.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2013 1551			Final Weight/Volume:	5 mL
Prep Date:	09/17/2013 1551				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	79	103	58 - 146	26	30		
Bromomethane	73	100	55 - 153	30	30		
Vinyl chloride	86	110	61 - 144	25	30		
Chloroethane	83	112	69 - 145	30	30		
Methylene Chloride	104	112	79 - 119	7	30		
Acetone	90	102	45 - 156	12	30		
Carbon disulfide	93	102	58 - 139	9	30		
Trichlorofluoromethane	91	117	69 - 147	25	30		
1,1-Dichloroethene	94	104	56 - 139	10	30		
1,1-Dichloroethane	98	109	78 - 122	11	30		
trans-1,2-Dichloroethene	97	107	75 - 122	9	30		
cis-1,2-Dichloroethene	92	101	80 - 120	10	30		
Chloroform	101	112	82 - 123	10	30		
2-Butanone	82	100	65 - 114	19	30		
1,2-Dichloroethane	98	107	74 - 118	9	30		
1,1,1-Trichloroethane	105	118	74 - 128	11	30		
Carbon tetrachloride	117	127	73 - 120	8	30		F
Benzene	95	105	83 - 124	10	30		
Bromoform	106	116	73 - 123	9	30		
Styrene	123	131	69 - 112	6	30	F	F
Ethylbenzene	126	148	79 - 126	5	30		F
Chlorobenzene	95	106	81 - 121	11	30		
Cyclohexane	89	101	58 - 133	10	30		
Isopropylbenzene	105	118	80 - 125	10	30		
2-Hexanone	77	91	53 - 121	17	30		
MTBE	82	96	71 - 115	17	30		
Freon TF	102	113	47 - 139	10	30		
Methyl acetate	107	124	50 - 151	14	30		
1,4-Dioxane	79	112	52 - 126	34	30		F
Trichloroethene	100	108	78 - 119	8	30		
Toluene	104	140	80 - 120	6	30	4	4
trans-1,3-Dichloropropene	83	94	78 - 118	13	30		
4-Methyl-2-pentanone	90	104	53 - 120	14	30		

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181697

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-62772-C-2 MS	Analysis Batch:	460-181697	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J04338.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2013 1526			Final Weight/Volume:	5 mL
Prep Date:	09/17/2013 1526				
Leach Date:	N/A				

MSD Lab Sample ID:	460-62772-C-2 MSD	Analysis Batch:	460-181697	Instrument ID:	CVOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	J04339.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2013 1551			Final Weight/Volume:	5 mL
Prep Date:	09/17/2013 1551				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	90	100	80 - 120	11	30		
1,2-Dichlorobenzene	95	108	82 - 122	13	30		
1,3-Dichlorobenzene	93	105	81 - 126	12	30		
1,4-Dichlorobenzene	94	108	83 - 123	14	30		
1,2,4-Trichlorobenzene	94	107	66 - 120	13	30		
1,2,3-Trichlorobenzene	91	109	76 - 123	19	30		
1,2-Dichloropropane	88	98	80 - 120	11	30		
Methylcyclohexane	85	96	61 - 129	10	30		
Tetrachloroethene	119	127	68 - 139	7	30		
Xylenes, Total	143	183	76 - 121	4	30	4	4
1,2-Dibromo-3-Chloropropane	82	100	70 - 116	20	30		
1,1,2,2-Tetrachloroethane	92	103	74 - 126	11	30		
1,1,2-Trichloroethane	96	104	79 - 119	8	30		
Dibromochloromethane	104	112	80 - 120	7	30		
1,2-Dibromoethane	93	102	78 - 118	9	30		
Dichlorodifluoromethane	89	120	46 - 145	29	30		
Bromochloromethane	103	107	80 - 121	4	30		
Bromodichloromethane	98	105	79 - 119	7	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	104	70 - 130
Toluene-d8 (Surr)	95	101	70 - 130
Bromofluorobenzene	110	117	70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181697

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-62772-C-2 MS	Units: ug/L	MSD Lab Sample ID:	460-62772-C-2 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	20		Dilution:	20	
Analysis Date:	09/17/2013 1526		Analysis Date:	09/17/2013 1551	
Prep Date:	09/17/2013 1526		Prep Date:	09/17/2013 1551	
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	2.0	U	400	400	316		410	
Bromomethane	3.6	U	400	400	294		399	
Vinyl chloride	2.8	U	400	400	343		441	
Chloroethane	3.4	U	400	400	330		448	
Methylene Chloride	3.6	U	400	400	417		449	
Acetone	54	U	2000	2000	1800		2040	
Carbon disulfide	2.6	U	400	400	373		408	
Trichlorofluoromethane	3.0	U	400	400	363		466	
1,1-Dichloroethene	1.8	U	400	400	375		414	
1,1-Dichloroethane	2.6	U	400	400	392		437	
trans-1,2-Dichloroethene	2.6	U	400	400	390		428	
cis-1,2-Dichloroethene	3.6	U	400	400	366		405	
Chloroform	1.6	U	400	400	403		447	
2-Butanone	46	U	2000	2000	1650		2000	
1,2-Dichloroethane	3.8	U	400	400	392		430	
1,1,1-Trichloroethane	1.2	U	400	400	422		470	
Carbon tetrachloride	1.2	U	400	400	468		507	F
Benzene	1.6	U	400	400	379		418	
Bromoform	3.8	U	400	400	424		466	
Styrene	2.4	U	400	400	491	F	524	F
Ethylbenzene	1200		400	400	1690		1780	F
Chlorobenzene	2.2	U	400	400	380		424	
Cyclohexane	85		400	400	441		488	
Isopropylbenzene	62		400	400	483		534	
2-Hexanone	10	U	2000	2000	1540		1820	
MTBE	2.8	U	400	400	326		385	
Freon TF	1.6	U	400	400	407		451	
Methyl acetate	6.8	U	2000	2000	2140		2470	
1,4-Dioxane	720	U	8000	8000	6300		8930	F
Trichloroethene	1.8	U	400	400	400		434	
Toluene	2000		400	400	2440	4	2580	4
trans-1,3-Dichloropropene	4.8	U	400	400	333		378	
4-Methyl-2-pentanone	20	U	2000	2000	1810		2070	
cis-1,3-Dichloropropene	3.6	U	400	400	358		401	
1,2-Dichlorobenzene	4.2	U	400	400	380		431	
1,3-Dichlorobenzene	2.8	U	400	400	374		421	
1,4-Dichlorobenzene	4.6	U	400	400	375		432	
1,2,4-Trichlorobenzene	6.8	U	400	400	375		427	
1,2,3-Trichlorobenzene	10	U	400	400	362		436	
1,2-Dichloropropane	1.8	U	400	400	354		393	
Methylcyclohexane	73		400	400	414		457	
Tetrachloroethene	2.0	U	400	400	474		510	
Xylenes, Total	7700		800	800	8860	4	9180	4

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181697

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-62772-C-2 MS	Units:	ug/L	MSD Lab Sample ID:	460-62772-C-2 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	20			Dilution:	20
Analysis Date:	09/17/2013 1526			Analysis Date:	09/17/2013 1551
Prep Date:	09/17/2013 1526			Prep Date:	09/17/2013 1551
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,2-Dibromo-3-Chloropropane	8.0	U	400	400	326	399
1,1,2,2-Tetrachloroethane	3.2	U	400	400	368	410
1,1,2-Trichloroethane	3.8	U	400	400	383	414
Dibromochloromethane	4.0	U	400	400	418	449
1,2-Dibromoethane	5.6	U	400	400	374	408
Dichlorodifluoromethane	4.4	U	400	400	356	479
Bromochloromethane	5.4	U	400	400	411	429
Bromodichloromethane	2.4	U	400	400	390	418

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181796

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-62871-A-1-A MS	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-181796	Lab File ID:	B60713.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.58 g
Analysis Date:	09/20/2013 0518			Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 1423				
Leach Date:	N/A				

MSD Lab Sample ID:	460-62871-A-1-A MSD	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-181796	Lab File ID:	B60714.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.58 g
Analysis Date:	09/20/2013 0542			Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 1423				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	67	82	52 - 144	20	30		
Bromomethane	77	84	58 - 164	9	30		
Vinyl chloride	85	97	55 - 154	14	30		
Chloroethane	112	105	66 - 144	6	30		
Methylene Chloride	82	92	78 - 118	11	30		
Acetone	82	81	48 - 177	1	30		
Carbon disulfide	60	64	70 - 120	6	30	F	F
Trichlorofluoromethane	86	86	60 - 148	0	30		
1,1-Dichloroethene	76	86	68 - 138	12	30		
1,1-Dichloroethane	94	95	79 - 119	1	30		
trans-1,2-Dichloroethene	91	87	73 - 119	5	30		
cis-1,2-Dichloroethene	89	91	78 - 118	2	30		
Chloroform	93	95	81 - 122	2	30		
2-Butanone	89	106	70 - 139	17	30		
1,2-Dichloroethane	91	97	81 - 121	7	30		
1,1,1-Trichloroethane	88	89	78 - 118	2	30		
Carbon tetrachloride	84	88	64 - 130	5	30		
Benzene	92	97	71 - 118	5	30		
Bromoform	100	102	76 - 133	2	30		
Styrene	93	101	73 - 126	9	30		
Ethylbenzene	90	97	78 - 124	8	30		
Chlorobenzene	91	98	69 - 124	7	30		
Cyclohexane	88	84	69 - 128	4	30		
Isopropylbenzene	90	95	80 - 143	6	30		
2-Hexanone	93	99	62 - 123	6	30		
MTBE	104	97	65 - 143	7	30		
Freon TF	100	106	50 - 128	6	30		
Methyl acetate	93	96	72 - 165	3	30		
1,4-Dioxane	102	113	54 - 147	10	30		
Trichloroethene	86	90	82 - 122	4	30		
Toluene	90	96	79 - 136	6	30		
trans-1,3-Dichloropropene	106	113	73 - 118	6	30		
4-Methyl-2-pentanone	97	101	69 - 124	4	30		

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181796

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-62871-A-1-A MS	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-181796	Lab File ID:	B60713.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.58 g
Analysis Date:	09/20/2013 0518			Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 1423				
Leach Date:	N/A				

MSD Lab Sample ID:	460-62871-A-1-A MSD	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-181796	Lab File ID:	B60714.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	5.58 g
Analysis Date:	09/20/2013 0542			Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 1423				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	88	95	75 - 120	8	30		
1,2-Dichlorobenzene	94	98	83 - 123	4	30		
1,3-Dichlorobenzene	92	97	83 - 123	5	30		
1,4-Dichlorobenzene	90	95	84 - 124	5	30		
1,2,4-Trichlorobenzene	166	94	62 - 144	56	30	F	F
1,2,3-Trichlorobenzene	120	106	36 - 207	13	30		
1,2-Dichloropropane	89	94	78 - 118	6	30		
Methylcyclohexane	77	83	80 - 134	8	30	F	
Tetrachloroethene	85	90	78 - 136	6	30		
Xylenes, Total	92	98	78 - 126	6	30		
1,2-Dibromo-3-Chloropropane	129	131	62 - 127	2	30	F	F
1,1,2,2-Tetrachloroethane	91	96	86 - 145	5	30		
1,1,2-Trichloroethane	94	97	77 - 120	3	30		
Dibromochloromethane	82	86	78 - 118	4	30		
1,2-Dibromoethane	90	97	76 - 120	8	30		
Dichlorodifluoromethane	74	80	41 - 149	8	30		
Bromochloromethane	87	92	81 - 121	6	30		
Bromodichloromethane	78	84	78 - 118	8	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	91	75 - 135
Toluene-d8 (Surr)	77	79	59 - 150
Bromofluorobenzene	85	88	72 - 133

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181796

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-62871-A-1-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-62871-A-1-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	09/20/2013 0518			Analysis Date:	09/20/2013 0542
Prep Date:	09/17/2013 1423			Prep Date:	09/17/2013 1423
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	9.9	U	2050	2050	1380		1690	
Bromomethane	19	U	2050	2050	1580		1730	
Vinyl chloride	15	U	2050	2050	1740		2000	
Chloroethane	17	U	2050	2050	2290		2150	
Methylene Chloride	19	U	2050	2050	1690		1890	
Acetone	270	U	10300	10300	8380		8310	
Carbon disulfide	13	U	2050	2050	1230	F	1310	F
Trichlorofluoromethane	15	U	2050	2050	1760		1760	
1,1-Dichloroethene	9.1	U	2050	2050	1560		1760	
1,1-Dichloroethane	13	U	2050	2050	1920		1940	
trans-1,2-Dichloroethene	13	U	2050	2050	1880		1780	
cis-1,2-Dichloroethene	18	U	2050	2050	1830		1870	
Chloroform	8.1	U	2050	2050	1910		1940	
2-Butanone	240	U	10300	10300	9150		10900	
1,2-Dichloroethane	19	U	2050	2050	1870		2000	
1,1,1-Trichloroethane	6.4	U	2050	2050	1800		1830	
Carbon tetrachloride	5.8	U	2050	2050	1720		1810	
Benzene	8.5	U	2050	2050	1890		1990	
Bromoform	20	U	2050	2050	2050		2090	
Styrene	12	U	2050	2050	1900		2070	
Ethylbenzene	9.8	U	2050	2050	1840		1990	
Chlorobenzene	11	U	2050	2050	1860		2010	
Cyclohexane	16	U	2050	2050	1800		1730	
Isopropylbenzene	7.9	U	2050	2050	1840		1950	
2-Hexanone	51	U	10300	10300	9570		10100	
MTBE	14	U	2050	2050	2130		1980	
Freon TF	8.4	U	2050	2050	2050		2180	
Methyl acetate	34	U	10300	10300	9580		9860	
1,4-Dioxane	3700	U	41000	41000	41900		46300	
Trichloroethene	9.4	U	2050	2050	1770		1840	
Toluene	15	U	2050	2050	1840		1960	
trans-1,3-Dichloropropene	25	U	2050	2050	2170		2310	
4-Methyl-2-pentanone	100	U	10300	10300	9960		10400	
cis-1,3-Dichloropropene	19	U	2050	2050	1810		1950	
1,2-Dichlorobenzene	21	U	2050	2050	1930		2010	
1,3-Dichlorobenzene	14	U	2050	2050	1880		1980	
1,4-Dichlorobenzene	24	U	2050	2050	1860		1960	
1,2,4-Trichlorobenzene	35	U	2050	2050	3400	F	1920	F
1,2,3-Trichlorobenzene	52	U	2050	2050	2460		2170	
1,2-Dichloropropane	8.8	U	2050	2050	1820		1930	
Methylcyclohexane	14	U	2050	2050	1580	F	1700	
Tetrachloroethene	10	U	2050	2050	1740		1850	
Xylenes, Total	37	U	4100	4100	3780		4020	

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181796

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-62871-A-1-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-62871-A-1-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	09/20/2013 0518			Analysis Date:	09/20/2013 0542
Prep Date:	09/17/2013 1423			Prep Date:	09/17/2013 1423
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,2-Dibromo-3-Chloropropane	41	U	2050	2050	2650	F	2690	F
1,1,2,2-Tetrachloroethane	16	U	2050	2050	1870		1970	
1,1,2-Trichloroethane	19	U	2050	2050	1930		2000	
Dibromochloromethane	20	U	2050	2050	1680		1760	
1,2-Dibromoethane	28	U	2050	2050	1850		2000	
Dichlorodifluoromethane	22	U	2050	2050	1520		1640	
Bromochloromethane	28	U	2050	2050	1780		1890	
Bromodichloromethane	13	U	2050	2050	1590		1730	

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181813

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-181813/6	Analysis Batch:	460-181813	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O77967.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/17/2013 1743	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.15	U	0.15	1.0
Acetone	3.20	J	1.7	5.0
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	5.0
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	5.0
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	20
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	5.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Xylenes, Total	0.67	U	0.67	3.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181813

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-181813/6	Analysis Batch:	460-181813	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O77967.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/17/2013 1743	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	70 - 130
Toluene-d8 (Surr)	108	70 - 130
Bromofluorobenzene	99	70 - 130
Dibromofluoromethane (Surr)	101	70 - 130

Method Blank TICs- Batch: 460-181813

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-181813

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-181813/3	Analysis Batch:	460-181813	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O77964.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/17/2013 1615	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-181813/4	Analysis Batch:	460-181813	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O77965.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/17/2013 1640	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	77	65	50 - 151	18	30		
Bromomethane	106	107	54 - 142	1	30		
Vinyl chloride	97	97	67 - 133	0	30		
Chloroethane	99	95	56 - 146	3	30		
Methylene Chloride	87	82	74 - 137	6	30		
Acetone	134	127	27 - 164	5	30		
Carbon disulfide	82	77	72 - 128	5	30		
Trichlorofluoromethane	107	107	61 - 139	0	30		
1,1-Dichloroethene	90	85	71 - 126	5	30		
1,1-Dichloroethane	81	78	76 - 125	4	30		
trans-1,2-Dichloroethene	91	87	75 - 122	5	30		
cis-1,2-Dichloroethene	88	86	80 - 120	3	30		
Chloroform	91	88	77 - 120	3	30		
2-Butanone	85	81	77 - 117	5	30		
1,2-Dichloroethane	99	97	76 - 118	2	30		
1,1,1-Trichloroethane	99	96	78 - 117	3	30		
Carbon tetrachloride	101	97	79 - 118	4	30		
Benzene	94	92	77 - 117	2	30		
Bromoform	93	93	59 - 125	0	30		
Styrene	95	94	82 - 122	1	30		
Ethylbenzene	94	94	81 - 121	0	30		
Chlorobenzene	94	92	80 - 120	2	30		
Cyclohexane	87	84	80 - 121	3	30		
Isopropylbenzene	96	93	65 - 129	3	30		
2-Hexanone	101	101	70 - 122	0	30		
MTBE	113	111	78 - 120	2	30		
Freon TF	93	89	73 - 123	4	30		
Methyl acetate	97	93	73 - 137	4	30		
1,4-Dioxane	98	85	69 - 131	13	30		
Trichloroethene	100	93	79 - 119	8	30		
Toluene	96	93	75 - 115	3	30		
trans-1,3-Dichloropropene	106	103	67 - 121	3	30		
4-Methyl-2-pentanone	99	93	68 - 120	6	30		
cis-1,3-Dichloropropene	99	98	80 - 123	2	30		
1,2-Dichlorobenzene	97	92	80 - 120	5	30		
1,3-Dichlorobenzene	98	93	80 - 120	6	30		

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-181813

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-181813/3	Analysis Batch:	460-181813	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O77964.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/17/2013 1615	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-181813/4	Analysis Batch:	460-181813	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O77965.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/17/2013 1640	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	97	91	80 - 120	6	30		
1,2,4-Trichlorobenzene	90	88	80 - 120	2	30		
1,2,3-Trichlorobenzene	93	89	75 - 121	4	30		
1,2-Dichloropropane	89	85	82 - 122	4	30		
Methylcyclohexane	99	94	78 - 118	5	30		
Tetrachloroethene	99	91	80 - 120	8	30		
Xylenes, Total	99	96	82 - 122	3	30		
1,2-Dibromo-3-Chloropropane	110	103	74 - 118	7	30		
1,1,2,2-Tetrachloroethane	94	90	79 - 122	4	30		
1,1,2-Trichloroethane	99	96	73 - 118	3	30		
Dibromochloromethane	101	103	68 - 120	2	30		
1,2-Dibromoethane	102	99	75 - 117	3	30		
Dichlorodifluoromethane	108	109	52 - 144	0	30		
Bromochloromethane	92	84	74 - 125	9	30		
Bromodichloromethane	98	91	79 - 119	7	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111	108	70 - 130
Toluene-d8 (Surr)	109	109	70 - 130
Bromofluorobenzene	99	99	70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-181813

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-181813/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-181813/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/17/2013 1615			Analysis Date:	09/17/2013 1640
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	15.5	13.0
Bromomethane	20.0	20.0	21.1	21.3
Vinyl chloride	20.0	20.0	19.4	19.5
Chloroethane	20.0	20.0	19.7	19.1
Methylene Chloride	20.0	20.0	17.5	16.4
Acetone	100	100	134	127
Carbon disulfide	20.0	20.0	16.3	15.5
Trichlorofluoromethane	20.0	20.0	21.4	21.4
1,1-Dichloroethene	20.0	20.0	18.0	17.1
1,1-Dichloroethane	20.0	20.0	16.1	15.6
trans-1,2-Dichloroethene	20.0	20.0	18.3	17.4
cis-1,2-Dichloroethene	20.0	20.0	17.7	17.2
Chloroform	20.0	20.0	18.2	17.6
2-Butanone	100	100	85.4	81.3
1,2-Dichloroethane	20.0	20.0	19.7	19.3
1,1,1-Trichloroethane	20.0	20.0	19.8	19.3
Carbon tetrachloride	20.0	20.0	20.2	19.4
Benzene	20.0	20.0	18.9	18.4
Bromoform	20.0	20.0	18.5	18.6
Styrene	20.0	20.0	19.0	18.7
Ethylbenzene	20.0	20.0	18.9	18.9
Chlorobenzene	20.0	20.0	18.8	18.4
Cyclohexane	20.0	20.0	17.4	16.9
Isopropylbenzene	20.0	20.0	19.3	18.7
2-Hexanone	100	100	101	101
MTBE	20.0	20.0	22.6	22.2
Freon TF	20.0	20.0	18.5	17.8
Methyl acetate	100	100	96.9	92.9
1,4-Dioxane	400	400	391	341
Trichloroethene	20.0	20.0	20.0	18.5
Toluene	20.0	20.0	19.3	18.6
trans-1,3-Dichloropropene	20.0	20.0	21.1	20.6
4-Methyl-2-pentanone	100	100	99.0	93.1
cis-1,3-Dichloropropene	20.0	20.0	19.9	19.6
1,2-Dichlorobenzene	20.0	20.0	19.4	18.5
1,3-Dichlorobenzene	20.0	20.0	19.7	18.5
1,4-Dichlorobenzene	20.0	20.0	19.4	18.3
1,2,4-Trichlorobenzene	20.0	20.0	17.9	17.6
1,2,3-Trichlorobenzene	20.0	20.0	18.6	17.9

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-181813

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-181813/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-181813/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/17/2013 1615			Analysis Date:	09/17/2013 1640
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	17.0
Methylcyclohexane	20.0	20.0	19.8	18.9
Tetrachloroethene	20.0	20.0	19.7	18.1
Xylenes, Total	40.0	40.0	39.5	38.3
1,2-Dibromo-3-Chloropropane	20.0	20.0	22.0	20.6
1,1,2,2-Tetrachloroethane	20.0	20.0	18.7	18.0
1,1,2-Trichloroethane	20.0	20.0	19.7	19.1
Dibromochloromethane	20.0	20.0	20.1	20.6
1,2-Dibromoethane	20.0	20.0	20.4	19.8
Dichlorodifluoromethane	20.0	20.0	21.7	21.7
Bromochloromethane	20.0	20.0	18.4	16.8
Bromodichloromethane	20.0	20.0	19.7	18.3

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-182095 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-182095/8	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B60674.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 1419	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	4.8	U	4.8	50
Bromomethane	9.1	U	9.1	50
Vinyl chloride	7.2	U	7.2	50
Chloroethane	8.5	U	8.5	50
Methylene Chloride	9.1	U	9.1	50
Acetone	130	U	130	250
Carbon disulfide	6.3	U	6.3	50
Trichlorofluoromethane	7.3	U	7.3	50
1,1-Dichloroethene	4.4	U	4.4	50
1,1-Dichloroethane	6.5	U	6.5	50
trans-1,2-Dichloroethene	6.4	U	6.4	50
cis-1,2-Dichloroethene	8.9	U	8.9	50
Chloroform	3.9	U	3.9	50
2-Butanone	120	U	120	250
1,2-Dichloroethane	9.5	U	9.5	50
1,1,1-Trichloroethane	3.1	U	3.1	50
Carbon tetrachloride	2.9	U	2.9	50
Benzene	4.1	U	4.1	50
Bromoform	9.6	U	9.6	50
Styrene	5.9	U	5.9	50
Ethylbenzene	4.8	U	4.8	50
Chlorobenzene	5.5	U	5.5	50
Cyclohexane	7.9	U	7.9	50
Isopropylbenzene	3.8	U	3.8	50
2-Hexanone	25	U	25	250
MTBE	6.9	U	6.9	50
Freon TF	4.1	U	4.1	50
Methyl acetate	17	U	17	250
1,4-Dioxane	1800	U	1800	2500
Trichloroethene	4.6	U	4.6	50
Toluene	7.5	U	7.5	50
trans-1,3-Dichloropropene	12	U	12	50
4-Methyl-2-pentanone	49	U	49	250
cis-1,3-Dichloropropene	9.2	U	9.2	50
1,2-Dichlorobenzene	10	U	10	50
1,3-Dichlorobenzene	6.8	U	6.8	50
1,4-Dichlorobenzene	12	U	12	50
1,2,4-Trichlorobenzene	17	U	17	50
1,2,3-Trichlorobenzene	26	U	26	50
1,2-Dichloropropane	4.3	U	4.3	50
Methylcyclohexane	6.8	U	6.8	50
Tetrachloroethene	4.9	U	4.9	50
Xylenes, Total	18	U	18	150
1,2-Dibromo-3-Chloropropane	20	U	20	50
1,1,2,2-Tetrachloroethane	7.9	U	7.9	50

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-182095

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-182095/8	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B60674.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 1419	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	9.4	U	9.4	50
Dibromochloromethane	10	U	10	50
1,2-Dibromoethane	14	U	14	50
Dichlorodifluoromethane	11	U	11	50
Bromochloromethane	14	U	14	50
Bromodichloromethane	6.3	U	6.3	50

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	75 - 135
Toluene-d8 (Surr)	96	59 - 150
Bromofluorobenzene	92	72 - 133
Dibromofluoromethane (Surr)	96	70 - 130

Method Blank TICs- Batch: 460-182095

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample - Batch: 460-182095

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-182095/5	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B60671.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 1240	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	1000	952	95	52 - 144	
Bromomethane	1000	1050	105	58 - 154	
Vinyl chloride	1000	946	95	55 - 154	
Chloroethane	1000	1110	111	66 - 144	
Methylene Chloride	1000	908	91	78 - 118	
Acetone	5000	3930	79	48 - 177	
Carbon disulfide	1000	799	80	70 - 120	
Trichlorofluoromethane	1000	1140	114	60 - 148	
1,1-Dichloroethene	1000	676	68	68 - 138	
1,1-Dichloroethane	1000	902	90	79 - 119	
trans-1,2-Dichloroethene	1000	895	90	73 - 119	
cis-1,2-Dichloroethene	1000	929	93	78 - 118	
Chloroform	1000	904	90	81 - 122	
2-Butanone	5000	4170	83	70 - 139	
1,2-Dichloroethane	1000	862	86	81 - 121	
1,1,1-Trichloroethane	1000	865	86	78 - 118	
Carbon tetrachloride	1000	875	88	64 - 130	
Benzene	1000	893	89	71 - 118	
Bromoform	1000	850	85	76 - 133	
Styrene	1000	909	91	73 - 126	
Ethylbenzene	1000	871	87	78 - 124	
Chlorobenzene	1000	865	86	69 - 124	
Cyclohexane	1000	844	84	69 - 128	
Isopropylbenzene	1000	866	87	80 - 143	
2-Hexanone	5000	3990	80	62 - 123	
MTBE	1000	960	96	65 - 143	
Freon TF	1000	692	69	50 - 128	
Methyl acetate	5000	4170	83	72 - 165	
1,4-Dioxane	20000	18900	95	54 - 147	
Trichloroethene	1000	837	84	82 - 122	
Toluene	1000	870	87	79 - 136	
trans-1,3-Dichloropropene	1000	901	90	73 - 118	
4-Methyl-2-pentanone	5000	4230	85	69 - 124	
cis-1,3-Dichloropropene	1000	904	90	75 - 120	
1,2-Dichlorobenzene	1000	863	86	83 - 123	
1,3-Dichlorobenzene	1000	876	88	83 - 123	
1,4-Dichlorobenzene	1000	855	85	84 - 124	
1,2,4-Trichlorobenzene	1000	762	76	62 - 144	
1,2,3-Trichlorobenzene	1000	854	85	36 - 207	
1,2-Dichloropropane	1000	840	84	78 - 118	
Methylcyclohexane	1000	787	79	80 - 134	*
Tetrachloroethene	1000	840	84	78 - 136	
Xylenes, Total	2000	1770	88	78 - 126	
1,2-Dibromo-3-Chloropropane	1000	1290	129	62 - 127	*
1,1,2,2-Tetrachloroethane	1000	896	90	86 - 145	
1,1,2-Trichloroethane	1000	858	86	77 - 120	

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample - Batch: 460-182095

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-182095/5	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B60671.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 1240	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	1000	859	86	78 - 118	
1,2-Dibromoethane	1000	854	85	76 - 120	
Dichlorodifluoromethane	1000	899	90	41 - 149	
Bromochloromethane	1000	854	85	81 - 121	
Bromodichloromethane	1000	834	83	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	75 - 135
Toluene-d8 (Surr)	98	59 - 150
Bromofluorobenzene	93	72 - 133

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-182277 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-182277/7	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B60702.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/20/2013 0106	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	4.8	U	4.8	50
Bromomethane	9.1	U	9.1	50
Vinyl chloride	7.2	U	7.2	50
Chloroethane	8.5	U	8.5	50
Methylene Chloride	9.1	U	9.1	50
Acetone	130	U	130	250
Carbon disulfide	6.3	U	6.3	50
Trichlorofluoromethane	7.3	U	7.3	50
1,1-Dichloroethene	4.4	U	4.4	50
1,1-Dichloroethane	6.5	U	6.5	50
trans-1,2-Dichloroethene	6.4	U	6.4	50
cis-1,2-Dichloroethene	8.9	U	8.9	50
Chloroform	3.9	U	3.9	50
2-Butanone	120	U	120	250
1,2-Dichloroethane	9.5	U	9.5	50
1,1,1-Trichloroethane	3.1	U	3.1	50
Carbon tetrachloride	2.9	U	2.9	50
Benzene	4.1	U	4.1	50
Bromoform	9.6	U	9.6	50
Styrene	5.9	U	5.9	50
Ethylbenzene	4.8	U	4.8	50
Chlorobenzene	5.5	U	5.5	50
Cyclohexane	7.9	U	7.9	50
Isopropylbenzene	3.8	U	3.8	50
2-Hexanone	25	U	25	250
MTBE	6.9	U	6.9	50
Freon TF	4.1	U	4.1	50
Methyl acetate	17	U	17	250
1,4-Dioxane	1800	U	1800	2500
Trichloroethene	4.6	U	4.6	50
Toluene	7.5	U	7.5	50
trans-1,3-Dichloropropene	12	U	12	50
4-Methyl-2-pentanone	49	U	49	250
cis-1,3-Dichloropropene	9.2	U	9.2	50
1,2-Dichlorobenzene	10	U	10	50
1,3-Dichlorobenzene	6.8	U	6.8	50
1,4-Dichlorobenzene	12	U	12	50
1,2,4-Trichlorobenzene	17	U	17	50
1,2,3-Trichlorobenzene	26	U	26	50
1,2-Dichloropropane	4.3	U	4.3	50
Methylcyclohexane	6.8	U	6.8	50
Tetrachloroethene	4.9	U	4.9	50
Xylenes, Total	18	U	18	150
1,2-Dibromo-3-Chloropropane	20	U	20	50
1,1,2,2-Tetrachloroethane	7.9	U	7.9	50

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-182277

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-182277/7	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B60702.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/20/2013 0106	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	9.4	U	9.4	50
Dibromochloromethane	10	U	10	50
1,2-Dibromoethane	14	U	14	50
Dichlorodifluoromethane	11	U	11	50
Bromochloromethane	14	U	14	50
Bromodichloromethane	6.3	U	6.3	50

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	75 - 135
Toluene-d8 (Surr)	102	59 - 150
Bromofluorobenzene	97	72 - 133
Dibromofluoromethane (Surr)	99	70 - 130

Method Blank TICs- Batch: 460-182277

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample - Batch: 460-182277

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-182277/4	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B60699.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 2358	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	1000	842	84	52 - 144	
Bromomethane	1000	893	89	58 - 154	
Vinyl chloride	1000	870	87	55 - 154	
Chloroethane	1000	1090	109	66 - 144	
Methylene Chloride	1000	933	93	78 - 118	
Acetone	5000	3800	76	48 - 177	
Carbon disulfide	1000	748	75	70 - 120	
Trichlorofluoromethane	1000	912	91	60 - 148	
1,1-Dichloroethene	1000	890	89	68 - 138	
1,1-Dichloroethane	1000	978	98	79 - 119	
trans-1,2-Dichloroethene	1000	967	97	73 - 119	
cis-1,2-Dichloroethene	1000	955	96	78 - 118	
Chloroform	1000	980	98	81 - 122	
2-Butanone	5000	4680	94	70 - 139	
1,2-Dichloroethane	1000	943	94	81 - 121	
1,1,1-Trichloroethane	1000	956	96	78 - 118	
Carbon tetrachloride	1000	962	96	64 - 130	
Benzene	1000	969	97	71 - 118	
Bromoform	1000	940	94	76 - 133	
Styrene	1000	1010	101	73 - 126	
Ethylbenzene	1000	987	99	78 - 124	
Chlorobenzene	1000	960	96	69 - 124	
Cyclohexane	1000	906	91	69 - 128	
Isopropylbenzene	1000	988	99	80 - 143	
2-Hexanone	5000	4840	97	62 - 123	
MTBE	1000	992	99	65 - 143	
Freon TF	1000	764	76	50 - 128	
Methyl acetate	5000	4560	91	72 - 165	
1,4-Dioxane	20000	20000	100	54 - 147	
Trichloroethene	1000	938	94	82 - 122	
Toluene	1000	963	96	79 - 136	
trans-1,3-Dichloropropene	1000	1040	104	73 - 118	
4-Methyl-2-pentanone	5000	4990	100	69 - 124	
cis-1,3-Dichloropropene	1000	1000	100	75 - 120	
1,2-Dichlorobenzene	1000	973	97	83 - 123	
1,3-Dichlorobenzene	1000	980	98	83 - 123	
1,4-Dichlorobenzene	1000	945	94	84 - 124	
1,2,4-Trichlorobenzene	1000	955	95	62 - 144	
1,2,3-Trichlorobenzene	1000	1140	114	36 - 207	
1,2-Dichloropropane	1000	954	95	78 - 118	
Methylcyclohexane	1000	940	94	80 - 134	
Tetrachloroethene	1000	939	94	78 - 136	
Xylenes, Total	2000	2010	100	78 - 126	
1,2-Dibromo-3-Chloropropane	1000	1140	114	62 - 127	
1,1,2,2-Tetrachloroethane	1000	983	98	86 - 145	
1,1,2-Trichloroethane	1000	968	97	77 - 120	

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample - Batch: 460-182277

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-182277/4	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B60699.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 2358	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	1000	934	93	78 - 118	
1,2-Dibromoethane	1000	967	97	76 - 120	
Dichlorodifluoromethane	1000	867	87	41 - 149	
Bromochloromethane	1000	924	92	81 - 121	
Bromodichloromethane	1000	888	89	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	75 - 135
Toluene-d8 (Surr)	99	59 - 150
Bromofluorobenzene	94	72 - 133

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-182287

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-182287/7	Analysis Batch:	460-182287	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O78101.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/20/2013 0750	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.15	U	0.15	1.0
Acetone	2.72	J	1.7	5.0
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	5.0
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	5.0
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	20
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	5.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Xylenes, Total	0.67	U	0.67	3.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-182287

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-182287/7	Analysis Batch:	460-182287	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O78101.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/20/2013 0750	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119	70 - 130
Toluene-d8 (Surr)	105	70 - 130
Bromofluorobenzene	96	70 - 130
Dibromofluoromethane (Surr)	99	70 - 130

Method Blank TICs- Batch: 460-182287

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-182287

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-182287/4	Analysis Batch:	460-182287	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O78098.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/20/2013 0619	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-182287/5	Analysis Batch:	460-182287	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O78099.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/20/2013 0645	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	73	66	50 - 151	9	30		
Bromomethane	112	113	54 - 142	1	30		
Vinyl chloride	102	95	67 - 133	7	30		
Chloroethane	107	100	56 - 146	7	30		
Methylene Chloride	96	88	74 - 137	8	30		
Acetone	131	132	27 - 164	1	30		
Carbon disulfide	84	81	72 - 128	4	30		
Trichlorofluoromethane	121	113	61 - 139	7	30		
1,1-Dichloroethene	94	92	71 - 126	2	30		
1,1-Dichloroethane	86	82	76 - 125	4	30		
trans-1,2-Dichloroethene	94	94	75 - 122	0	30		
cis-1,2-Dichloroethene	93	89	80 - 120	4	30		
Chloroform	97	94	77 - 120	3	30		
2-Butanone	87	81	77 - 117	7	30		
1,2-Dichloroethane	107	103	76 - 118	4	30		
1,1,1-Trichloroethane	106	101	78 - 117	5	30		
Carbon tetrachloride	103	101	79 - 118	2	30		
Benzene	93	89	77 - 117	5	30		
Bromoform	93	92	59 - 125	1	30		
Styrene	93	90	82 - 122	3	30		
Ethylbenzene	93	93	81 - 121	1	30		
Chlorobenzene	93	93	80 - 120	0	30		
Cyclohexane	91	86	80 - 121	5	30		
Isopropylbenzene	93	92	65 - 129	2	30		
2-Hexanone	104	103	70 - 122	1	30		
MTBE	120	117	78 - 120	2	30		
Freon TF	96	94	73 - 123	1	30		
Methyl acetate	104	106	73 - 137	2	30		
1,4-Dioxane	82	86	69 - 131	5	30		
Trichloroethene	98	96	79 - 119	2	30		
Toluene	95	92	75 - 115	3	30		
trans-1,3-Dichloropropene	103	105	67 - 121	2	30		
4-Methyl-2-pentanone	97	98	68 - 120	1	30		
cis-1,3-Dichloropropene	100	95	80 - 123	4	30		
1,2-Dichlorobenzene	91	91	80 - 120	0	30		
1,3-Dichlorobenzene	92	92	80 - 120	0	30		

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-182287

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-182287/4	Analysis Batch:	460-182287	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O78098.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/20/2013 0619	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-182287/5	Analysis Batch:	460-182287	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O78099.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	09/20/2013 0645	Units:	ug/Kg	Final Weight/Volume:	5 g
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	93	92	80 - 120	1	30		
1,2,4-Trichlorobenzene	87	84	80 - 120	3	30		
1,2,3-Trichlorobenzene	89	90	75 - 121	1	30		
1,2-Dichloropropane	93	91	82 - 122	2	30		
Methylcyclohexane	103	101	78 - 118	2	30		
Tetrachloroethene	95	93	80 - 120	2	30		
Xylenes, Total	97	93	82 - 122	4	30		
1,2-Dibromo-3-Chloropropane	105	112	74 - 118	6	30		
1,1,2,2-Tetrachloroethane	91	94	79 - 122	3	30		
1,1,2-Trichloroethane	95	91	73 - 118	5	30		
Dibromochloromethane	102	101	68 - 120	2	30		
1,2-Dibromoethane	101	97	75 - 117	4	30		
Dichlorodifluoromethane	109	103	52 - 144	6	30		
Bromochloromethane	98	91	74 - 125	8	30		
Bromodichloromethane	101	98	79 - 119	3	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118	120	70 - 130
Toluene-d8 (Surr)	108	107	70 - 130
Bromofluorobenzene	99	101	70 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-182287

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-182287/4	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-182287/5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/20/2013 0619			Analysis Date:	09/20/2013 0645
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	14.5	13.3
Bromomethane	20.0	20.0	22.3	22.6
Vinyl chloride	20.0	20.0	20.3	19.0
Chloroethane	20.0	20.0	21.3	19.9
Methylene Chloride	20.0	20.0	19.2	17.7
Acetone	100	100	131	132
Carbon disulfide	20.0	20.0	16.8	16.2
Trichlorofluoromethane	20.0	20.0	24.1	22.5
1,1-Dichloroethene	20.0	20.0	18.7	18.3
1,1-Dichloroethane	20.0	20.0	17.2	16.5
trans-1,2-Dichloroethene	20.0	20.0	18.9	18.8
cis-1,2-Dichloroethene	20.0	20.0	18.6	17.8
Chloroform	20.0	20.0	19.4	18.8
2-Butanone	100	100	87.0	81.4
1,2-Dichloroethane	20.0	20.0	21.5	20.7
1,1,1-Trichloroethane	20.0	20.0	21.2	20.2
Carbon tetrachloride	20.0	20.0	20.7	20.3
Benzene	20.0	20.0	18.7	17.9
Bromoform	20.0	20.0	18.6	18.4
Styrene	20.0	20.0	18.6	18.1
Ethylbenzene	20.0	20.0	18.6	18.5
Chlorobenzene	20.0	20.0	18.6	18.6
Cyclohexane	20.0	20.0	18.2	17.3
Isopropylbenzene	20.0	20.0	18.7	18.4
2-Hexanone	100	100	104	103
MTBE	20.0	20.0	23.9	23.5
Freon TF	20.0	20.0	19.1	18.8
Methyl acetate	100	100	104	106
1,4-Dioxane	400	400	327	342
Trichloroethene	20.0	20.0	19.6	19.2
Toluene	20.0	20.0	18.9	18.3
trans-1,3-Dichloropropene	20.0	20.0	20.5	20.9
4-Methyl-2-pentanone	100	100	97.0	97.9
cis-1,3-Dichloropropene	20.0	20.0	19.9	19.1
1,2-Dichlorobenzene	20.0	20.0	18.2	18.1
1,3-Dichlorobenzene	20.0	20.0	18.4	18.4
1,4-Dichlorobenzene	20.0	20.0	18.6	18.5
1,2,4-Trichlorobenzene	20.0	20.0	17.4	16.8
1,2,3-Trichlorobenzene	20.0	20.0	17.8	18.0

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-182287

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-182287/4	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-182287/5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/20/2013 0619			Analysis Date:	09/20/2013 0645
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	18.7	18.3
Methylcyclohexane	20.0	20.0	20.6	20.2
Tetrachloroethene	20.0	20.0	19.0	18.7
Xylenes, Total	40.0	40.0	38.8	37.3
1,2-Dibromo-3-Chloropropane	20.0	20.0	21.1	22.3
1,1,2,2-Tetrachloroethane	20.0	20.0	18.2	18.7
1,1,2-Trichloroethane	20.0	20.0	19.1	18.1
Dibromochloromethane	20.0	20.0	20.4	20.1
1,2-Dibromoethane	20.0	20.0	20.3	19.4
Dichlorodifluoromethane	20.0	20.0	21.9	20.7
Bromochloromethane	20.0	20.0	19.7	18.2
Bromodichloromethane	20.0	20.0	20.2	19.6

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181707

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-181707/1-A	Analysis Batch:	460-181988	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-181707	Lab File ID:	x5334.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2013 0650	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	44	U	44	330
2-Chlorophenol	44	U	44	330
2-Methylphenol	56	U	56	330
4-Methylphenol	65	U	65	330
Benzaldehyde	39	U	39	330
Acetophenone	51	U	51	330
Bis(2-chloroethyl)ether	4.5	U	4.5	33
2,2'-oxybis[1-chloropropane]	37	U	37	330
N-Nitrosodi-n-propylamine	5.5	U	5.5	33
Nitrobenzene	4.7	U	4.7	33
Hexachloroethane	3.7	U	3.7	33
Isophorone	40	U	40	330
2-Nitrophenol	37	U	37	330
2,4-Dimethylphenol	82	U	82	330
2,4-Dichlorophenol	48	U	48	330
Bis(2-chloroethoxy)methane	43	U	43	330
Naphthalene	38	U	38	330
4-Chloroaniline	88	U	88	330
Hexachlorobutadiene	8.1	U	8.1	67
Caprolactam	76	U	76	330
4-Chloro-3-methylphenol	50	U	50	330
2-Methylnaphthalene	43	U	43	330
Hexachlorobenzene	4.5	U	4.5	33
Hexachlorocyclopentadiene	39	U	39	330
2,4,6-Trichlorophenol	39	U	39	330
2,4,5-Trichlorophenol	43	U	43	330
Diphenyl	44	U	44	330
2-Chloronaphthalene	37	U	37	330
2-Nitroaniline	140	U	140	670
2,6-Dinitrotoluene	10	U	10	67
Dimethyl phthalate	39	U	39	330
Acenaphthylene	39	U	39	330
3-Nitroaniline	120	U	120	670
Acenaphthene	48	U	48	330
4-Nitrophenol	210	U	210	1000
2,4-Dinitrophenol	190	U	190	1000
Dibenzofuran	39	U	39	330
Diethyl phthalate	39	U	39	330
Fluorene	42	U	42	330
Fluoranthene	44	U	44	330
Di-n-butyl phthalate	41	U	41	330
2,4-Dinitrotoluene	11	U	11	67
4-Chlorophenyl phenyl ether	39	U	39	330
4-Nitroaniline	100	U	100	670
4,6-Dinitro-2-methylphenol	90	U	90	1000

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181707

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-181707/1-A	Analysis Batch:	460-181988	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-181707	Lab File ID:	x5334.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2013 0650	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	33	U	33	330
Atrazine	51	U	51	330
Anthracene	40	U	40	330
Carbazole	39	U	39	330
Phenanthrene	42	U	42	330
Pentachlorophenol	99	U	99	1000
Pyrene	28	U	28	330
Chrysene	39	U	39	330
Benzo[k]fluoranthene	2.5	U	2.5	33
Benzo[g,h,i]perylene	25	U	25	330
Benzo[b]fluoranthene	2.1	U	2.1	33
Benzo[a]pyrene	2.3	U	2.3	33
Benzo[a]anthracene	2.3	U	2.3	33
N-Nitrosodiphenylamine	33	U	33	330
Butyl benzyl phthalate	30	U	30	330
Bis(2-ethylhexyl) phthalate	110	U	110	330
Di-n-octyl phthalate	21	U	21	330
Indeno[1,2,3-cd]pyrene	6.2	U	6.2	33
Dibenz(a,h)anthracene	4.2	U	4.2	33
3,3'-Dichlorobenzidine	120	U	120	670
1,2,4,5-Tetrachlorobenzene	45	U	45	330
2,3,4,6-Tetrachlorophenol	43	U	43	330

Surrogate	% Rec	Acceptance Limits
Phenol-d5	80	41 - 118
2,4,6-Tribromophenol	75	10 - 120
Nitrobenzene-d5	80	38 - 105
2-Fluorophenol	70	37 - 125
2-Fluorobiphenyl	80	40 - 109
Terphenyl-d14	85	16 - 151

Method Blank TICs- Batch: 460-181707

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Unknown Aldol Condensate	1.98	4710	J A

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample - Batch: 460-181707

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-181707/2-A	Analysis Batch:	460-181988	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-181707	Lab File ID:	x5332.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2013 0558	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	3330	2640	79	54 - 115	
2-Chlorophenol	3330	2720	82	56 - 110	
2-Methylphenol	3330	2690	81	54 - 117	
4-Methylphenol	3330	2950	89	47 - 103	
Benzaldehyde	3330	762	23	10 - 160	
Acetophenone	3330	2530	76	40 - 95	
Bis(2-chloroethyl)ether	3330	2610	78	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2610	78	45 - 102	
N-Nitrosodi-n-propylamine	3330	3000	90	42 - 107	
Nitrobenzene	3330	2100	63	42 - 106	
Hexachloroethane	3330	2510	75	45 - 90	
Isophorone	3330	2820	85	48 - 97	
2-Nitrophenol	3330	2740	82	55 - 101	
2,4-Dimethylphenol	3330	2620	79	56 - 112	
2,4-Dichlorophenol	3330	2740	82	58 - 115	
Bis(2-chloroethoxy)methane	3330	2720	81	51 - 100	
Naphthalene	3330	2590	78	53 - 94	
4-Chloroaniline	3330	1620	49	10 - 96	
Hexachlorobutadiene	3330	2620	79	45 - 98	
Caprolactam	3330	2040	61	10 - 127	
4-Chloro-3-methylphenol	3330	2980	89	55 - 117	
2-Methylnaphthalene	3330	2810	84	51 - 98	
Hexachlorobenzene	3330	2610	78	43 - 104	
Hexachlorocyclopentadiene	3330	3020	90	24 - 98	
2,4,6-Trichlorophenol	3330	2580	77	53 - 118	
2,4,5-Trichlorophenol	3330	2580	77	50 - 115	
Diphenyl	3330	2640	79	50 - 105	
2-Chloronaphthalene	3330	2550	77	51 - 102	
2-Nitroaniline	3330	2750	82	51 - 109	
2,6-Dinitrotoluene	3330	2750	83	51 - 115	
Dimethyl phthalate	3330	2790	84	52 - 112	
Acenaphthylene	3330	2710	81	51 - 103	
3-Nitroaniline	3330	2180	66	32 - 104	
Acenaphthene	3330	2700	81	46 - 100	
4-Nitrophenol	6670	5000	75	45 - 114	
2,4-Dinitrophenol	6670	1590	24	10 - 129	
Dibenzofuran	3330	2640	79	52 - 106	
Diethyl phthalate	3330	2700	81	52 - 114	
Fluorene	3330	2730	82	51 - 108	
Fluoranthene	3330	2750	82	49 - 108	
Di-n-butyl phthalate	3330	2780	83	50 - 108	
2,4-Dinitrotoluene	3330	2700	81	53 - 110	
4-Chlorophenyl phenyl ether	3330	2690	81	50 - 106	
4-Nitroaniline	3330	2410	72	45 - 106	
4,6-Dinitro-2-methylphenol	6670	2930	44	10 - 110	
4-Bromophenyl phenyl ether	3330	2680	80	44 - 102	

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample - Batch: 460-181707

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-181707/2-A	Analysis Batch:	460-181988	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-181707	Lab File ID:	x5332.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2013 0558	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	2300	69	30 - 100	
Anthracene	3330	2630	79	50 - 107	
Carbazole	3330	2870	86	49 - 104	
Phenanthrene	3330	2680	80	48 - 108	
Pentachlorophenol	6670	4420	66	19 - 113	
Pyrene	3330	2530	76	49 - 116	
Chrysene	3330	2720	82	45 - 114	
Benzo[k]fluoranthene	3330	2720	82	35 - 115	
Benzo[g,h,i]perylene	3330	2960	89	43 - 106	
Benzo[b]fluoranthene	3330	2820	85	33 - 96	
Benzo[a]pyrene	3330	2880	86	36 - 89	
Benzo[a]anthracene	3330	2630	79	46 - 112	
N-Nitrosodiphenylamine	3330	2920	88	49 - 106	
Butyl benzyl phthalate	3330	2810	84	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2860	86	49 - 119	
Di-n-octyl phthalate	3330	2750	82	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	3030	91	43 - 109	
Dibenz(a,h)anthracene	3330	2920	88	43 - 107	
3,3'-Dichlorobenzidine	3330	2380	72	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2550	77	70 - 130	
2,3,4,6-Tetrachlorophenol	3330	2650	79	70 - 130	

Surrogate	% Rec	Acceptance Limits
Phenol-d5	73	41 - 118
2,4,6-Tribromophenol	69	10 - 120
Nitrobenzene-d5	72	38 - 105
2-Fluorophenol	64	37 - 125
2-Fluorobiphenyl	72	40 - 109
Terphenyl-d14	68	16 - 151

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181707

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62433-A-7-A MS	Analysis Batch:	460-182720	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181707	Lab File ID:	z2493.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/23/2013 1151			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-62433-A-7-B MSD	Analysis Batch:	460-182720	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181707	Lab File ID:	z2494.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/23/2013 1216			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	76	79	54 - 115	5	30		
2-Chlorophenol	76	81	56 - 110	6	30		
2-Methylphenol	75	80	54 - 117	7	30		
4-Methylphenol	71	75	47 - 103	5	30		
Benzaldehyde	45	43	10 - 160	4	30		
Acetophenone	70	73	40 - 95	5	30		
Bis(2-chloroethyl)ether	73	79	44 - 101	8	30		
2,2'-oxybis[1-chloropropane]	76	81	45 - 102	7	30		
N-Nitrosodi-n-propylamine	87	91	42 - 107	4	30		
Nitrobenzene	59	62	42 - 106	5	30		
Hexachloroethane	72	77	45 - 90	7	30		
Isophorone	86	92	48 - 97	6	30		
2-Nitrophenol	85	90	55 - 101	6	30		
2,4-Dimethylphenol	81	85	56 - 112	4	30		
2,4-Dichlorophenol	78	83	58 - 115	6	30		
Bis(2-chloroethoxy)methane	84	90	51 - 100	7	30		
Naphthalene	86	89	53 - 94	4	30		
4-Chloroaniline	33	33	10 - 96	0	30		
Hexachlorobutadiene	86	91	45 - 98	5	30		
Caprolactam	76	77	10 - 127	2	30		
4-Chloro-3-methylphenol	78	82	55 - 117	5	30		
2-Methylnaphthalene	89	92	51 - 98	3	30		
Hexachlorobenzene	90	94	43 - 104	4	30		
Hexachlorocyclopentadiene	70	73	24 - 98	4	30		
2,4,6-Trichlorophenol	87	90	53 - 118	3	30		
2,4,5-Trichlorophenol	78	78	50 - 115	1	30		
Diphenyl	90	95	50 - 105	6	30		
2-Chloronaphthalene	90	95	51 - 102	5	30		
2-Nitroaniline	72	76	51 - 109	5	30		
2,6-Dinitrotoluene	98	102	51 - 115	4	30		
Dimethyl phthalate	96	100	52 - 112	5	30		
Acenaphthylene	86	92	51 - 103	6	30		
3-Nitroaniline	66	68	32 - 104	3	30		

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181707

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62433-A-7-A MS	Analysis Batch:	460-182720	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181707	Lab File ID:	z2493.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/23/2013 1151			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-62433-A-7-B MSD	Analysis Batch:	460-182720	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181707	Lab File ID:	z2494.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/23/2013 1216			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	84	87	46 - 100	4	30		
4-Nitrophenol	83	86	45 - 114	4	30		
2,4-Dinitrophenol	58	56	10 - 129	3	30		
Dibenzofuran	89	93	52 - 106	5	30		
Diethyl phthalate	91	96	52 - 114	5	30		
Fluorene	85	88	51 - 108	4	30		
Fluoranthene	87	91	49 - 108	5	30		
Di-n-butyl phthalate	93	99	50 - 108	6	30		
2,4-Dinitrotoluene	95	100	53 - 110	5	30		
4-Chlorophenyl phenyl ether	84	87	50 - 106	5	30		
4-Nitroaniline	74	79	45 - 106	6	30		
4,6-Dinitro-2-methylphenol	82	83	10 - 110	1	30		
4-Bromophenyl phenyl ether	91	97	44 - 102	6	30		
Atrazine	78	84	30 - 100	8	30		
Anthracene	84	89	50 - 107	6	30		
Carbazole	92	97	49 - 104	6	30		
Phenanthrene	88	92	48 - 108	5	30		
Pentachlorophenol	28	28	19 - 113	2	30		
Pyrene	72	74	49 - 116	3	30		
Chrysene	84	90	45 - 114	6	30		
Benzo[k]fluoranthene	94	94	35 - 115	0	30		
Benzo[g,h,i]perylene	108	122	43 - 106	11	30	F	F
Benzo[b]fluoranthene	85	96	33 - 96	12	30		
Benzo[a]pyrene	97	101	36 - 89	5	30	F	F
Benzo[a]anthracene	83	88	46 - 112	5	30		
N-Nitrosodiphenylamine	94	101	49 - 106	7	30		
Butyl benzyl phthalate	87	90	49 - 117	4	30		
Bis(2-ethylhexyl) phthalate	87	92	49 - 119	6	30		
Di-n-octyl phthalate	70	75	40 - 106	7	30		
Indeno[1,2,3-cd]pyrene	110	111	43 - 109	1	30	F	F
Dibenz(a,h)anthracene	103	109	43 - 107	6	30		F
3,3'-Dichlorobenzidine	61	65	24 - 105	6	30		
1,2,4,5-Tetrachlorobenzene	86	91	70 - 130	5	30		

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181707

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62433-A-7-A MS	Analysis Batch:	460-182720	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181707	Lab File ID:	z2493.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/23/2013 1151			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-62433-A-7-B MSD	Analysis Batch:	460-182720	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181707	Lab File ID:	z2494.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/23/2013 1216			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0843			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	74	74	70 - 130	0	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol	73	77	10 - 120
Phenol-d5	68	74	41 - 118
2-Fluorophenol	67	73	37 - 125
Nitrobenzene-d5	71	80	38 - 105
2-Fluorobiphenyl	79	86	40 - 109
Terphenyl-d14	67	72	16 - 151

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181707

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62433-A-7-A MS	Units: ug/Kg	MSD Lab Sample ID:	460-62433-A-7-B MSD	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/23/2013 1151		Analysis Date:	09/23/2013 1216	
Prep Date:	09/17/2013 0843		Prep Date:	09/17/2013 0843	
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	56	U	4170	4180	3170	3320
2-Chlorophenol	54	U	4170	4180	3190	3380
2-Methylphenol	71	U	4170	4180	3140	3360
4-Methylphenol	82	U	4170	4180	2970	3120
Benzaldehyde	49	U	4170	4180	1890	1820
Acetophenone	64	U	4170	4180	2900	3060
Bis(2-chloroethyl)ether	5.6	U	4170	4180	3050	3320
2,2'-oxybis[1-chloropropane]	46	U	4170	4180	3150	3380
N-Nitrosodi-n-propylamine	6.9	U	4170	4180	3640	3800
Nitrobenzene	5.9	U	4170	4180	2460	2590
Hexachloroethane	4.6	U	4170	4180	2990	3210
Isophorone	50	U	4170	4180	3590	3830
2-Nitrophenol	46	U	4170	4180	3550	3780
2,4-Dimethylphenol	100	U	4170	4180	3400	3540
2,4-Dichlorophenol	61	U	4170	4180	3260	3470
Bis(2-chloroethoxy)methane	53	U	4170	4180	3510	3770
Naphthalene	48	U	4170	4180	3590	3730
4-Chloroaniline	110	U	4170	4180	1360	1360
Hexachlorobutadiene	10	U	4170	4180	3610	3810
Caprolactam	95	U	4170	4180	3160	3230
4-Chloro-3-methylphenol	63	U	4170	4180	3260	3410
2-Methylnaphthalene	53	U	4170	4180	3730	3850
Hexachlorobenzene	5.7	U	4170	4180	3770	3910
Hexachlorocyclopentadiene	49	U	4170	4180	2920	3040
2,4,6-Trichlorophenol	48	U	4170	4180	3650	3750
2,4,5-Trichlorophenol	53	U	4170	4180	3240	3280
Diphenyl	55	U	4170	4180	3770	3990
2-Chloronaphthalene	46	U	4170	4180	3770	3970
2-Nitroaniline	170	U	4170	4180	3010	3170
2,6-Dinitrotoluene	12	U	4170	4180	4100	4270
Dimethyl phthalate	49	U	4170	4180	4010	4200
Acenaphthylene	49	U	4170	4180	3610	3830
3-Nitroaniline	150	U	4170	4180	2740	2830
Acenaphthene	60	U	4170	4180	3500	3650
4-Nitrophenol	270	U	8350	8360	6950	7220
2,4-Dinitrophenol	240	U	8350	8360	4840	4720
Dibenzofuran	49	U	4170	4180	3700	3870
Diethyl phthalate	49	U	4170	4180	3820	4020
Fluorene	53	U	4170	4180	3550	3680
Fluoranthene	120	J	4170	4180	3760	3940
Di-n-butyl phthalate	51	U	4170	4180	3870	4130
2,4-Dinitrotoluene	14	U	4170	4180	3980	4190
4-Chlorophenyl phenyl ether	49	U	4170	4180	3490	3650

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181707

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62433-A-7-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-62433-A-7-B MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/23/2013 1151			Analysis Date:	09/23/2013 1216
Prep Date:	09/17/2013 0843			Prep Date:	09/17/2013 0843
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	130	U	4170	4180	3100		3290	
4,6-Dinitro-2-methylphenol	110	U	8350	8360	6860		6940	
4-Bromophenyl phenyl ether	41	U	4170	4180	3810		4040	
Atrazine	64	U	4170	4180	3250		3520	
Anthracene	50	U	4170	4180	3510		3740	
Carbazole	49	U	4170	4180	3820		4040	
Phenanthrene	72	J	4170	4180	3730		3930	
Pentachlorophenol	120	U	8350	8360	2370		2310	
Pyrene	110	J	4170	4180	3090		3200	
Chrysene	120	J	4170	4180	3640		3880	
Benzo[k]fluoranthene	36	J	4170	4180	3970		3960	
Benzo[g,h,i]perylene	260	J	4170	4180	4780	F	5350	F
Benzo[b]fluoranthene	110		4170	4180	3650		4120	
Benzo[a]pyrene	82		4170	4180	4110	F	4320	F
Benzo[a]anthracene	67		4170	4180	3550		3740	
N-Nitrosodiphenylamine	41	U	4170	4180	3940		4220	
Butyl benzyl phthalate	38	U	4170	4180	3630		3770	
Bis(2-ethylhexyl) phthalate	140	U	4170	4180	3620		3850	
Di-n-octyl phthalate	26	U	4170	4180	2920		3140	
Indeno[1,2,3-cd]pyrene	92		4170	4180	4700	F	4730	F
Dibenz(a,h)anthracene	13	J	4170	4180	4300		4560	F
3,3'-Dichlorobenzidine	150	U	4170	4180	2550		2710	
1,2,4,5-Tetrachlorobenzene	56	U	4170	4180	3610		3790	
2,3,4,6-Tetrachlorophenol	54	U	4170	4180	3080		3080	

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181712 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	MB 460-181712/1-A	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-181712	Lab File ID:	112697.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 1355	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	44	U	44	330
2-Chlorophenol	44	U	44	330
2-Methylphenol	56	U	56	330
4-Methylphenol	65	U	65	330
Benzaldehyde	39	U	39	330
Acetophenone	51	U	51	330
Bis(2-chloroethyl)ether	4.5	U	4.5	33
2,2'-oxybis[1-chloropropane]	37	U	37	330
N-Nitrosodi-n-propylamine	5.5	U	5.5	33
Nitrobenzene	4.7	U	4.7	33
Hexachloroethane	3.7	U	3.7	33
Isophorone	40	U	40	330
2-Nitrophenol	37	U	37	330
2,4-Dimethylphenol	82	U	82	330
2,4-Dichlorophenol	48	U	48	330
Bis(2-chloroethoxy)methane	43	U	43	330
Naphthalene	38	U	38	330
4-Chloroaniline	88	U	88	330
Hexachlorobutadiene	8.1	U	8.1	67
Caprolactam	76	U	76	330
4-Chloro-3-methylphenol	50	U	50	330
2-Methylnaphthalene	43	U	43	330
Hexachlorobenzene	4.5	U	4.5	33
Hexachlorocyclopentadiene	39	U	39	330
2,4,6-Trichlorophenol	39	U	39	330
2,4,5-Trichlorophenol	43	U	43	330
Diphenyl	44	U	44	330
2-Chloronaphthalene	37	U	37	330
2-Nitroaniline	140	U	140	670
2,6-Dinitrotoluene	10	U	10	67
Dimethyl phthalate	39	U	39	330
Acenaphthylene	39	U	39	330
3-Nitroaniline	120	U	120	670
Acenaphthene	48	U	48	330
4-Nitrophenol	210	U	210	1000
2,4-Dinitrophenol	190	U	190	1000
Dibenzofuran	39	U	39	330
Diethyl phthalate	39	U	39	330
Fluorene	42	U	42	330
Fluoranthene	44	U	44	330
Di-n-butyl phthalate	41	U	41	330
2,4-Dinitrotoluene	11	U	11	67
4-Chlorophenyl phenyl ether	39	U	39	330
4-Nitroaniline	100	U	100	670
4,6-Dinitro-2-methylphenol	90	U	90	1000

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181712

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-181712/1-A	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-181712	Lab File ID:	112697.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 1355	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	33	U	33	330
Atrazine	51	U	51	330
Anthracene	40	U	40	330
Carbazole	39	U	39	330
Phenanthrene	42	U	42	330
Pentachlorophenol	99	U	99	1000
Pyrene	28	U	28	330
Chrysene	39	U	39	330
Benzo[k]fluoranthene	2.5	U	2.5	33
Benzo[g,h,i]perylene	25	U	25	330
Benzo[b]fluoranthene	2.1	U	2.1	33
Benzo[a]pyrene	2.3	U	2.3	33
Benzo[a]anthracene	2.3	U	2.3	33
N-Nitrosodiphenylamine	33	U	33	330
Butyl benzyl phthalate	30	U	30	330
Bis(2-ethylhexyl) phthalate	110	U	110	330
Di-n-octyl phthalate	21	U	21	330
Indeno[1,2,3-cd]pyrene	6.2	U	6.2	33
Dibenz(a,h)anthracene	4.2	U	4.2	33
3,3'-Dichlorobenzidine	120	U	120	670
1,2,4,5-Tetrachlorobenzene	45	U	45	330
2,3,4,6-Tetrachlorophenol	43	U	43	330

Surrogate	% Rec	Acceptance Limits
Phenol-d5	90	41 - 118
2,4,6-Tribromophenol	76	10 - 120
Nitrobenzene-d5	85	38 - 105
2-Fluorophenol	95	37 - 125
2-Fluorobiphenyl	85	40 - 109
Terphenyl-d14	95	16 - 151

Method Blank TICs- Batch: 460-181712

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Aldol condensation product	1.68	5160	J A

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample - Batch: 460-181712

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-181712/2-A	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-181712	Lab File ID:	112699.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 1505	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	3330	2570	77	54 - 115	
2-Chlorophenol	3330	2500	75	56 - 110	
2-Methylphenol	3330	2550	77	54 - 117	
4-Methylphenol	3330	2660	80	47 - 103	
Benzaldehyde	3330	548	16	10 - 160	
Acetophenone	3330	2120	64	40 - 95	
Bis(2-chloroethyl)ether	3330	2440	73	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2450	73	45 - 102	
N-Nitrosodi-n-propylamine	3330	2580	77	42 - 107	
Nitrobenzene	3330	1860	56	42 - 106	
Hexachloroethane	3330	2280	68	45 - 90	
Isophorone	3330	2540	76	48 - 97	
2-Nitrophenol	3330	2690	81	55 - 101	
2,4-Dimethylphenol	3330	2480	75	56 - 112	
2,4-Dichlorophenol	3330	2680	80	58 - 115	
Bis(2-chloroethoxy)methane	3330	2500	75	51 - 100	
Naphthalene	3330	2480	74	53 - 94	
4-Chloroaniline	3330	1210	36	10 - 96	
Hexachlorobutadiene	3330	2560	77	45 - 98	
Caprolactam	3330	1370	41	10 - 127	
4-Chloro-3-methylphenol	3330	2590	78	55 - 117	
2-Methylnaphthalene	3330	2570	77	51 - 98	
Hexachlorobenzene	3330	2630	79	43 - 104	
Hexachlorocyclopentadiene	3330	3050	91	24 - 98	
2,4,6-Trichlorophenol	3330	2580	77	53 - 118	
2,4,5-Trichlorophenol	3330	2600	78	50 - 115	
Diphenyl	3330	2560	77	50 - 105	
2-Chloronaphthalene	3330	2430	73	51 - 102	
2-Nitroaniline	3330	2630	79	51 - 109	
2,6-Dinitrotoluene	3330	2640	79	51 - 115	
Dimethyl phthalate	3330	2530	76	52 - 112	
Acenaphthylene	3330	2600	78	51 - 103	
3-Nitroaniline	3330	1830	55	32 - 104	
Acenaphthene	3330	2550	76	46 - 100	
4-Nitrophenol	6670	5760	86	45 - 114	
2,4-Dinitrophenol	6670	1540	23	10 - 129	
Dibenzofuran	3330	2550	77	52 - 106	
Diethyl phthalate	3330	2560	77	52 - 114	
Fluorene	3330	2490	75	51 - 108	
Fluoranthene	3330	2580	77	49 - 108	
Di-n-butyl phthalate	3330	2610	78	50 - 108	
2,4-Dinitrotoluene	3330	2610	78	53 - 110	
4-Chlorophenyl phenyl ether	3330	2570	77	50 - 106	
4-Nitroaniline	3330	1650	49	45 - 106	
4,6-Dinitro-2-methylphenol	6670	2510	38	10 - 110	
4-Bromophenyl phenyl ether	3330	2670	80	44 - 102	

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample - Batch: 460-181712

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-181712/2-A	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-181712	Lab File ID:	112699.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 1505	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	1940	58	30 - 100	
Anthracene	3330	2610	78	50 - 107	
Carbazole	3330	2610	78	49 - 104	
Phenanthrene	3330	2580	77	48 - 108	
Pentachlorophenol	6670	4610	69	19 - 113	
Pyrene	3330	2720	81	49 - 116	
Chrysene	3330	2510	75	45 - 114	
Benzo[k]fluoranthene	3330	2690	81	35 - 115	
Benzo[g,h,i]perylene	3330	2590	78	43 - 106	
Benzo[b]fluoranthene	3330	2770	83	33 - 96	
Benzo[a]pyrene	3330	2860	86	36 - 89	
Benzo[a]anthracene	3330	2600	78	46 - 112	
N-Nitrosodiphenylamine	3330	2750	82	49 - 106	
Butyl benzyl phthalate	3330	2700	81	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2650	80	49 - 119	
Di-n-octyl phthalate	3330	2660	80	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	2390	72	43 - 109	
Dibenz(a,h)anthracene	3330	2590	78	43 - 107	
3,3'-Dichlorobenzidine	3330	1500	45	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2490	75	70 - 130	
2,3,4,6-Tetrachlorophenol	3330	2700	81	70 - 130	

Surrogate	% Rec	Acceptance Limits
Phenol-d5	68	41 - 118
2,4,6-Tribromophenol	70	10 - 120
Nitrobenzene-d5	67	38 - 105
2-Fluorophenol	75	37 - 125
2-Fluorobiphenyl	69	40 - 109
Terphenyl-d14	73	16 - 151

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181712

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62993-11	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-181712	Lab File ID:	112701.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/19/2013 1601			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-62993-11	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-181712	Lab File ID:	112702.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1630			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	90	79	54 - 115	13	30		
2-Chlorophenol	87	77	56 - 110	12	30		
2-Methylphenol	91	79	54 - 117	14	30		
4-Methylphenol	94	83	47 - 103	12	30		
Benzaldehyde	22	20	10 - 160	11	30		
Acetophenone	74	67	40 - 95	10	30		
Bis(2-chloroethyl)ether	79	75	44 - 101	5	30		
2,2'-oxybis[1-chloropropane]	83	76	45 - 102	9	30		
N-Nitrosodi-n-propylamine	91	80	42 - 107	13	30		
Nitrobenzene	64	59	42 - 106	8	30		
Hexachloroethane	76	72	45 - 90	5	30		
Isophorone	88	80	48 - 97	9	30		
2-Nitrophenol	89	81	55 - 101	9	30		
2,4-Dimethylphenol	83	75	56 - 112	9	30		
2,4-Dichlorophenol	94	86	58 - 115	9	30		
Bis(2-chloroethoxy)methane	86	78	51 - 100	9	30		
Naphthalene	84	78	53 - 94	7	30		
4-Chloroaniline	55	55	10 - 96	0	30		
Hexachlorobutadiene	87	83	45 - 98	4	30		
Caprolactam	46	43	10 - 127	7	30		
4-Chloro-3-methylphenol	89	80	55 - 117	10	30		
2-Methylnaphthalene	90	83	51 - 98	8	30		
Hexachlorobenzene	92	83	43 - 104	10	30		
Hexachlorocyclopentadiene	104	94	24 - 98	11	30	F	
2,4,6-Trichlorophenol	86	78	53 - 118	10	30		
2,4,5-Trichlorophenol	85	80	50 - 115	6	30		
Diphenyl	88	82	50 - 105	8	30		
2-Chloronaphthalene	83	77	51 - 102	7	30		
2-Nitroaniline	87	80	51 - 109	8	30		
2,6-Dinitrotoluene	88	82	51 - 115	7	30		
Dimethyl phthalate	85	81	52 - 112	5	30		
Acenaphthylene	88	81	51 - 103	8	30		
3-Nitroaniline	69	68	32 - 104	0	30		

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181712

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62993-11	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-181712	Lab File ID:	112701.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/19/2013 1601			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-62993-11	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-181712	Lab File ID:	112702.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1630			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	86	80	46 - 100	7	30		
4-Nitrophenol	83	78	45 - 114	6	30		
2,4-Dinitrophenol	0	0	10 - 129	NC	30	U F	U F
Dibenzofuran	87	81	52 - 106	7	30		
Diethyl phthalate	84	81	52 - 114	4	30		
Fluorene	83	78	51 - 108	6	30		
Fluoranthene	84	83	49 - 108	2	30		
Di-n-butyl phthalate	87	82	50 - 108	5	30		
2,4-Dinitrotoluene	85	81	53 - 110	4	30		
4-Chlorophenyl phenyl ether	87	80	50 - 106	8	30		
4-Nitroaniline	42	42	45 - 106	1	30	F	F
4,6-Dinitro-2-methylphenol	16	12	10 - 110	26	30		J
4-Bromophenyl phenyl ether	92	83	44 - 102	10	30		
Atrazine	67	62	30 - 100	7	30		
Anthracene	88	82	50 - 107	8	30		
Carbazole	85	83	49 - 104	3	30		
Phenanthrene	89	83	48 - 108	7	30		
Pentachlorophenol	59	56	19 - 113	4	30		
Pyrene	96	82	49 - 116	16	30		
Chrysene	86	79	45 - 114	9	30		
Benzo[k]fluoranthene	96	85	35 - 115	12	30		
Benzo[g,h,i]perylene	88	82	43 - 106	8	30		
Benzo[b]fluoranthene	91	84	33 - 96	8	30		
Benzo[a]pyrene	97	89	36 - 89	8	30	F	
Benzo[a]anthracene	87	80	46 - 112	8	30		
N-Nitrosodiphenylamine	91	85	49 - 106	7	30		
Butyl benzyl phthalate	91	81	49 - 117	11	30		
Bis(2-ethylhexyl) phthalate	91	81	49 - 119	11	30		
Di-n-octyl phthalate	91	81	40 - 106	11	30		
Indeno[1,2,3-cd]pyrene	77	80	43 - 109	3	30		
Dibenz(a,h)anthracene	90	81	43 - 107	10	30		
3,3'-Dichlorobenzidine	59	57	24 - 105	2	30		
1,2,4,5-Tetrachlorobenzene	85	79	70 - 130	7	30		

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181712

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62993-11	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-181712	Lab File ID:	112701.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/19/2013 1601			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-62993-11	Analysis Batch:	460-182161	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-181712	Lab File ID:	112702.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1630			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0850			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	79	70 - 130	6	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol	74	69	10 - 120
Phenol-d5	77	70	41 - 118
2-Fluorophenol	87	77	37 - 125
Nitrobenzene-d5	75	68	38 - 105
2-Fluorobiphenyl	78	73	40 - 109
Terphenyl-d14	85	72	16 - 151

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181712

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62993-11	Units: ug/Kg	MSD Lab Sample ID:	460-62993-11	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/19/2013 1601		Analysis Date:	09/19/2013 1630	
Prep Date:	09/17/2013 0850		Prep Date:	09/17/2013 0850	
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	48	U	3580	3580	3240		2840	
2-Chlorophenol	47	U	3580	3580	3130		2760	
2-Methylphenol	61	U	3580	3580	3240		2830	
4-Methylphenol	70	U	3580	3580	3350		2960	
Benzaldehyde	42	U	3580	3580	784		703	
Acetophenone	55	U	3580	3580	2630		2380	
Bis(2-chloroethyl)ether	4.8	U	3580	3580	2820		2700	
2,2'-oxybis[1-chloropropane]	39	U	3580	3580	2970		2730	
N-Nitrosodi-n-propylamine	5.9	U	3580	3580	3260		2850	
Nitrobenzene	5.1	U	3580	3580	2300		2120	
Hexachloroethane	4.0	U	3580	3580	2710		2580	
Isophorone	43	U	3580	3580	3150		2870	
2-Nitrophenol	40	U	3580	3580	3200		2920	
2,4-Dimethylphenol	88	U	3580	3580	2970		2700	
2,4-Dichlorophenol	52	U	3580	3580	3370		3090	
Bis(2-chloroethoxy)methane	46	U	3580	3580	3070		2800	
Naphthalene	41	U	3580	3580	3010		2810	
4-Chloroaniline	94	U	3580	3580	1980		1970	
Hexachlorobutadiene	8.7	U	3580	3580	3110		2980	
Caprolactam	82	U	3580	3580	1640		1530	
4-Chloro-3-methylphenol	54	U	3580	3580	3170		2860	
2-Methylnaphthalene	46	U	3580	3580	3210		2960	
Hexachlorobenzene	4.9	U	3580	3580	3300		2980	
Hexachlorocyclopentadiene	42	U	3580	3580	3740	F	3360	
2,4,6-Trichlorophenol	42	U	3580	3580	3080		2790	
2,4,5-Trichlorophenol	46	U	3580	3580	3040		2860	
Diphenyl	48	U	3580	3580	3150		2920	
2-Chloronaphthalene	40	U	3580	3580	2980		2780	
2-Nitroaniline	150	U	3580	3580	3120		2870	
2,6-Dinitrotoluene	11	U	3580	3580	3150		2950	
Dimethyl phthalate	42	U	3580	3580	3050		2890	
Acenaphthylene	42	U	3580	3580	3150		2920	
3-Nitroaniline	130	U	3580	3580	2450		2450	
Acenaphthene	52	U	3580	3580	3080		2880	
4-Nitrophenol	230	U	7160	7170	5970		5610	
2,4-Dinitrophenol	200	U	7160	7170	200	U F	200	U F
Dibenzofuran	42	U	3580	3580	3110		2900	
Diethyl phthalate	42	U	3580	3580	3020		2900	
Fluorene	45	U	3580	3580	2980		2800	
Fluoranthene	47	U	3580	3580	3010		2970	
Di-n-butyl phthalate	44	U	3580	3580	3100		2950	
2,4-Dinitrotoluene	12	U	3580	3580	3050		2920	
4-Chlorophenyl phenyl ether	42	U	3580	3580	3110		2880	

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181712

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62993-11	Units: ug/Kg	MSD Lab Sample ID:	460-62993-11	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/19/2013 1601		Analysis Date:	09/19/2013 1630	
Prep Date:	09/17/2013 0850		Prep Date:	09/17/2013 0850	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4-Nitroaniline	110	U	3580	3580	1490	F	1510	F
4,6-Dinitro-2-methylphenol	97	U	7160	7170	1140		872	J
4-Bromophenyl phenyl ether	35	U	3580	3580	3300		2980	
Atrazine	55	U	3580	3580	2390		2230	
Anthracene	43	U	3580	3580	3160		2920	
Carbazole	42	U	3580	3580	3060		2960	
Phenanthrene	45	U	3580	3580	3170		2960	
Pentachlorophenol	110	U	7160	7170	4200		4050	
Pyrene	30	U	3580	3580	3440		2930	
Chrysene	41	U	3580	3580	3090		2810	
Benzo[k]fluoranthene	2.7	U	3580	3580	3440		3060	
Benzo[g,h,i]perylene	26	U	3580	3580	3160		2920	
Benzo[b]fluoranthene	2.2	U	3580	3580	3250		3000	
Benzo[a]pyrene	2.5	U	3580	3580	3460	F	3200	
Benzo[a]anthracene	2.5	U	3580	3580	3110		2860	
N-Nitrosodiphenylamine	35	U	3580	3580	3270		3030	
Butyl benzyl phthalate	33	U	3580	3580	3270		2920	
Bis(2-ethylhexyl) phthalate	120	U	3580	3580	3240		2900	
Di-n-octyl phthalate	23	U	3580	3580	3240		2890	
Indeno[1,2,3-cd]pyrene	6.6	U	3580	3580	2770		2850	
Dibenz(a,h)anthracene	4.5	U	3580	3580	3210		2920	
3,3'-Dichlorobenzidine	120	U	3580	3580	2100		2060	
1,2,4,5-Tetrachlorobenzene	48	U	3580	3580	3050		2830	
2,3,4,6-Tetrachlorophenol	46	U	3580	3580	2990		2820	

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181718 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	MB 460-181718/1-A	Analysis Batch:	460-181988	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-181718	Lab File ID:	x5335.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2013 0716	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	44	U	44	330
2-Chlorophenol	44	U	44	330
2-Methylphenol	56	U	56	330
4-Methylphenol	65	U	65	330
Benzaldehyde	39	U	39	330
Acetophenone	51	U	51	330
Bis(2-chloroethyl)ether	4.5	U	4.5	33
2,2'-oxybis[1-chloropropane]	37	U	37	330
N-Nitrosodi-n-propylamine	5.5	U	5.5	33
Nitrobenzene	4.7	U	4.7	33
Hexachloroethane	3.7	U	3.7	33
Isophorone	40	U	40	330
2-Nitrophenol	37	U	37	330
2,4-Dimethylphenol	82	U	82	330
2,4-Dichlorophenol	48	U	48	330
Bis(2-chloroethoxy)methane	43	U	43	330
Naphthalene	38	U	38	330
4-Chloroaniline	88	U	88	330
Hexachlorobutadiene	8.1	U	8.1	67
Caprolactam	76	U	76	330
4-Chloro-3-methylphenol	50	U	50	330
2-Methylnaphthalene	43	U	43	330
Hexachlorobenzene	4.5	U	4.5	33
Hexachlorocyclopentadiene	39	U	39	330
2,4,6-Trichlorophenol	39	U	39	330
2,4,5-Trichlorophenol	43	U	43	330
Diphenyl	44	U	44	330
2-Chloronaphthalene	37	U	37	330
2-Nitroaniline	140	U	140	670
2,6-Dinitrotoluene	10	U	10	67
Dimethyl phthalate	39	U	39	330
Acenaphthylene	39	U	39	330
3-Nitroaniline	120	U	120	670
Acenaphthene	48	U	48	330
4-Nitrophenol	210	U	210	1000
2,4-Dinitrophenol	190	U	190	1000
Dibenzofuran	39	U	39	330
Diethyl phthalate	39	U	39	330
Fluorene	42	U	42	330
Fluoranthene	44	U	44	330
Di-n-butyl phthalate	41	U	41	330
2,4-Dinitrotoluene	11	U	11	67
4-Chlorophenyl phenyl ether	39	U	39	330
4-Nitroaniline	100	U	100	670
4,6-Dinitro-2-methylphenol	90	U	90	1000

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181718 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	MB 460-181718/1-A	Analysis Batch:	460-181988	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-181718	Lab File ID:	x5335.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2013 0716	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	33	U	33	330
Atrazine	51	U	51	330
Anthracene	40	U	40	330
Carbazole	39	U	39	330
Phenanthrene	42	U	42	330
Pentachlorophenol	99	U	99	1000
Pyrene	28	U	28	330
Chrysene	39	U	39	330
Benzo[k]fluoranthene	2.5	U	2.5	33
Benzo[g,h,i]perylene	25	U	25	330
Benzo[b]fluoranthene	2.1	U	2.1	33
Benzo[a]pyrene	2.3	U	2.3	33
Benzo[a]anthracene	2.3	U	2.3	33
N-Nitrosodiphenylamine	33	U	33	330
Butyl benzyl phthalate	30	U	30	330
Bis(2-ethylhexyl) phthalate	110	U	110	330
Di-n-octyl phthalate	21	U	21	330
Indeno[1,2,3-cd]pyrene	6.2	U	6.2	33
Dibenz(a,h)anthracene	4.2	U	4.2	33
3,3'-Dichlorobenzidine	120	U	120	670
1,2,4,5-Tetrachlorobenzene	45	U	45	330
2,3,4,6-Tetrachlorophenol	43	U	43	330

Surrogate	% Rec	Acceptance Limits
Phenol-d5	81	41 - 118
2,4,6-Tribromophenol	66	10 - 120
Nitrobenzene-d5	77	38 - 105
2-Fluorophenol	68	37 - 125
2-Fluorobiphenyl	70	40 - 109
Terphenyl-d14	80	16 - 151

Method Blank TICs- Batch: 460-181718

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Unknown Aldol Condensate	1.97	4850	A J

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample - Batch: 460-181718

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-181718/2-A	Analysis Batch:	460-181988	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-181718	Lab File ID:	x5333.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2013 0624	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	3330	2420	73	54 - 115	
2-Chlorophenol	3330	2480	74	56 - 110	
2-Methylphenol	3330	2440	73	54 - 117	
4-Methylphenol	3330	2590	78	47 - 103	
Benzaldehyde	3330	684	21	10 - 160	
Acetophenone	3330	2290	69	40 - 95	
Bis(2-chloroethyl)ether	3330	2370	71	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2360	71	45 - 102	
N-Nitrosodi-n-propylamine	3330	2710	81	42 - 107	
Nitrobenzene	3330	1930	58	42 - 106	
Hexachloroethane	3330	2320	70	45 - 90	
Isophorone	3330	2470	74	48 - 97	
2-Nitrophenol	3330	2480	74	55 - 101	
2,4-Dimethylphenol	3330	2290	69	56 - 112	
2,4-Dichlorophenol	3330	2400	72	58 - 115	
Bis(2-chloroethoxy)methane	3330	2480	74	51 - 100	
Naphthalene	3330	2360	71	53 - 94	
4-Chloroaniline	3330	1650	49	10 - 96	
Hexachlorobutadiene	3330	2420	73	45 - 98	
Caprolactam	3330	2280	68	10 - 127	
4-Chloro-3-methylphenol	3330	2580	78	55 - 117	
2-Methylnaphthalene	3330	2540	76	51 - 98	
Hexachlorobenzene	3330	2350	71	43 - 104	
Hexachlorocyclopentadiene	3330	2780	84	24 - 98	
2,4,6-Trichlorophenol	3330	2260	68	53 - 118	
2,4,5-Trichlorophenol	3330	2340	70	50 - 115	
Diphenyl	3330	2390	72	50 - 105	
2-Chloronaphthalene	3330	2320	70	51 - 102	
2-Nitroaniline	3330	2410	72	51 - 109	
2,6-Dinitrotoluene	3330	2470	74	51 - 115	
Dimethyl phthalate	3330	2490	75	52 - 112	
Acenaphthylene	3330	2410	72	51 - 103	
3-Nitroaniline	3330	2090	63	32 - 104	
Acenaphthene	3330	2420	72	46 - 100	
4-Nitrophenol	6670	4350	65	45 - 114	
2,4-Dinitrophenol	6670	802	12	10 - 129	J
Dibenzofuran	3330	2380	71	52 - 106	
Diethyl phthalate	3330	2400	72	52 - 114	
Fluorene	3330	2430	73	51 - 108	
Fluoranthene	3330	2500	75	49 - 108	
Di-n-butyl phthalate	3330	2530	76	50 - 108	
2,4-Dinitrotoluene	3330	2430	73	53 - 110	
4-Chlorophenyl phenyl ether	3330	2400	72	50 - 106	
4-Nitroaniline	3330	2130	64	45 - 106	
4,6-Dinitro-2-methylphenol	6670	1750	26	10 - 110	
4-Bromophenyl phenyl ether	3330	2390	72	44 - 102	

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample - Batch: 460-181718

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-181718/2-A	Analysis Batch:	460-181988	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-181718	Lab File ID:	x5333.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2013 0624	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	2070	62	30 - 100	
Anthracene	3330	2360	71	50 - 107	
Carbazole	3330	2630	79	49 - 104	
Phenanthrene	3330	2410	72	48 - 108	
Pentachlorophenol	6670	3590	54	19 - 113	
Pyrene	3330	2070	62	49 - 116	
Chrysene	3330	2350	70	45 - 114	
Benzo[k]fluoranthene	3330	2510	75	35 - 115	
Benzo[g,h,i]perylene	3330	2610	78	43 - 106	
Benzo[b]fluoranthene	3330	2280	68	33 - 96	
Benzo[a]pyrene	3330	2510	75	36 - 89	
Benzo[a]anthracene	3330	2300	69	46 - 112	
N-Nitrosodiphenylamine	3330	2600	78	49 - 106	
Butyl benzyl phthalate	3330	2470	74	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2540	76	49 - 119	
Di-n-octyl phthalate	3330	2390	72	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	2510	75	43 - 109	
Dibenz(a,h)anthracene	3330	2550	76	43 - 107	
3,3'-Dichlorobenzidine	3330	2140	64	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2310	69	70 - 130	*
2,3,4,6-Tetrachlorophenol	3330	2280	68	70 - 130	*

Surrogate	% Rec	Acceptance Limits
Phenol-d5	66	41 - 118
2,4,6-Tribromophenol	62	10 - 120
Nitrobenzene-d5	65	38 - 105
2-Fluorophenol	59	37 - 125
2-Fluorobiphenyl	65	40 - 109
Terphenyl-d14	60	16 - 151

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181718

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62993-30	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-181718	Lab File ID:	x5364.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	09/18/2013 2049			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-62993-30	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-181718	Lab File ID:	x5365.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/18/2013 2114			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	85	81	54 - 115	4	30		
2-Chlorophenol	87	84	56 - 110	4	30		
2-Methylphenol	87	82	54 - 117	5	30		
4-Methylphenol	95	90	47 - 103	5	30		
Benzaldehyde	31	29	10 - 160	7	30		
Acetophenone	84	80	40 - 95	6	30		
Bis(2-chloroethyl)ether	87	82	44 - 101	6	30		
2,2'-oxybis[1-chloropropane]	85	81	45 - 102	4	30		
N-Nitrosodi-n-propylamine	100	93	42 - 107	7	30		
Nitrobenzene	72	65	42 - 106	10	30		
Hexachloroethane	82	76	45 - 90	7	30		
Isophorone	96	87	48 - 97	9	30		
2-Nitrophenol	90	83	55 - 101	8	30		
2,4-Dimethylphenol	86	81	56 - 112	6	30		
2,4-Dichlorophenol	88	84	58 - 115	5	30		
Bis(2-chloroethoxy)methane	93	85	51 - 100	8	30		
Naphthalene	84	79	53 - 94	5	30		
4-Chloroaniline	61	69	10 - 96	12	30		
Hexachlorobutadiene	88	82	45 - 98	7	30		
Caprolactam	61	56	10 - 127	8	30		
4-Chloro-3-methylphenol	99	91	55 - 117	8	30		
2-Methylnaphthalene	92	86	51 - 98	6	30		
Hexachlorobenzene	93	79	43 - 104	15	30		
Hexachlorocyclopentadiene	101	94	24 - 98	8	30	F	
2,4,6-Trichlorophenol	82	75	53 - 118	8	30		
2,4,5-Trichlorophenol	85	80	50 - 115	6	30		
Diphenyl	82	79	50 - 105	4	30		
2-Chloronaphthalene	80	77	51 - 102	4	30		
2-Nitroaniline	92	85	51 - 109	8	30		
2,6-Dinitrotoluene	90	86	51 - 115	4	30		
Dimethyl phthalate	92	88	52 - 112	5	30		
Acenaphthylene	85	82	51 - 103	3	30		
3-Nitroaniline	86	86	32 - 104	1	30		

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181718

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62993-30	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-181718	Lab File ID:	x5364.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	09/18/2013 2049			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-62993-30	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-181718	Lab File ID:	x5365.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/18/2013 2114			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	86	83	46 - 100	4	30		
4-Nitrophenol	92	79	45 - 114	15	30		
2,4-Dinitrophenol	8	0	10 - 129	NC	30	J F	U F
Dibenzofuran	83	82	52 - 106	2	30		
Diethyl phthalate	91	86	52 - 114	6	30		
Fluorene	87	84	51 - 108	4	30		
Fluoranthene	93	87	49 - 108	6	30		
Di-n-butyl phthalate	91	86	50 - 108	6	30		
2,4-Dinitrotoluene	93	89	53 - 110	4	30		
4-Chlorophenyl phenyl ether	88	83	50 - 106	5	30		
4-Nitroaniline	85	80	45 - 106	7	30		
4,6-Dinitro-2-methylphenol	24	10	10 - 110	87	30		J F
4-Bromophenyl phenyl ether	95	80	44 - 102	17	30		
Atrazine	84	73	30 - 100	14	30		
Anthracene	85	81	50 - 107	4	30		
Carbazole	94	90	49 - 104	4	30		
Phenanthrene	86	82	48 - 108	5	30		
Pentachlorophenol	62	45	19 - 113	32	30		F
Pyrene	78	74	49 - 116	4	30		
Chrysene	87	82	45 - 114	6	30		
Benzo[k]fluoranthene	85	79	35 - 115	7	30		
Benzo[g,h,i]perylene	87	83	43 - 106	5	30		
Benzo[b]fluoranthene	88	85	33 - 96	3	30		
Benzo[a]pyrene	92	89	36 - 89	4	30	F	
Benzo[a]anthracene	83	80	46 - 112	4	30		
N-Nitrosodiphenylamine	105	90	49 - 106	16	30		
Butyl benzyl phthalate	88	82	49 - 117	7	30		
Bis(2-ethylhexyl) phthalate	89	84	49 - 119	6	30		
Di-n-octyl phthalate	86	82	40 - 106	5	30		
Indeno[1,2,3-cd]pyrene	92	88	43 - 109	5	30		
Dibenz(a,h)anthracene	88	85	43 - 107	3	30		
3,3'-Dichlorobenzidine	80	80	24 - 105	0	30		
1,2,4,5-Tetrachlorobenzene	82	77	70 - 130	6	30		

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181718

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62993-30	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-181718	Lab File ID:	x5364.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	09/18/2013 2049			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-62993-30	Analysis Batch:	460-182214	Instrument ID:	BNAMS5
Client Matrix:	Solid	Prep Batch:	460-181718	Lab File ID:	x5365.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/18/2013 2114			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 0859			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,3,4,6-Tetrachlorophenol	80	65	70 - 130	20	30		F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol	75	67	10 - 120
Phenol-d5	77	74	41 - 118
2-Fluorophenol	66	65	37 - 125
Nitrobenzene-d5	83	74	38 - 105
2-Fluorobiphenyl	77	74	40 - 109
Terphenyl-d14	69	67	16 - 151

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181718

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62993-30	Units: ug/Kg	MSD Lab Sample ID:	460-62993-30	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/18/2013 2049		Analysis Date:	09/18/2013 2114	
Prep Date:	09/17/2013 0859		Prep Date:	09/17/2013 0859	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Phenol	46	U	3470	3470	2950		2830	
2-Chlorophenol	45	U	3470	3470	3030		2900	
2-Methylphenol	59	U	3470	3470	3020		2860	
4-Methylphenol	68	U	3470	3470	3280		3120	
Benzaldehyde	40	U	3470	3470	1080		1010	
Acetophenone	53	U	3470	3470	2930		2760	
Bis(2-chloroethyl)ether	4.7	U	3470	3470	3020		2850	
2,2'-oxybis[1-chloropropane]	38	U	3470	3470	2950		2830	
N-Nitrosodi-n-propylamine	5.7	U	3470	3470	3460		3240	
Nitrobenzene	4.9	U	3470	3470	2500		2270	
Hexachloroethane	3.8	U	3470	3470	2840		2660	
Isophorone	42	U	3470	3470	3330		3040	
2-Nitrophenol	38	U	3470	3470	3130		2870	
2,4-Dimethylphenol	85	U	3470	3470	2980		2800	
2,4-Dichlorophenol	50	U	3470	3470	3040		2900	
Bis(2-chloroethoxy)methane	44	U	3470	3470	3210		2960	
Naphthalene	40	U	3470	3470	2910		2750	
4-Chloroaniline	91	U	3470	3470	2110		2390	
Hexachlorobutadiene	8.4	U	3470	3470	3050		2840	
Caprolactam	79	U	3470	3470	2110		1950	
4-Chloro-3-methylphenol	52	U	3470	3470	3420		3170	
2-Methylnaphthalene	44	U	3470	3470	3190		3000	
Hexachlorobenzene	4.7	U	3470	3470	3210		2750	
Hexachlorocyclopentadiene	40	U	3470	3470	3510	F	3250	
2,4,6-Trichlorophenol	40	U	3470	3470	2840		2620	
2,4,5-Trichlorophenol	44	U	3470	3470	2940		2760	
Diphenyl	46	U	3470	3470	2860		2740	
2-Chloronaphthalene	38	U	3470	3470	2790		2680	
2-Nitroaniline	140	U	3470	3470	3190		2960	
2,6-Dinitrotoluene	10	U	3470	3470	3120		2990	
Dimethyl phthalate	41	U	3470	3470	3200		3050	
Acenaphthylene	41	U	3470	3470	2950		2860	
3-Nitroaniline	120	U	3470	3470	2980		3000	
Acenaphthene	50	U	3470	3470	2980		2870	
4-Nitrophenol	220	U	6940	6950	6390		5490	
2,4-Dinitrophenol	200	U	6940	6950	521	J F	200	U F
Dibenzofuran	40	U	3470	3470	2890		2840	
Diethyl phthalate	41	U	3470	3470	3140		2970	
Fluorene	44	U	3470	3470	3020		2910	
Fluoranthene	46	U	3470	3470	3220		3030	
Di-n-butyl phthalate	42	U	3470	3470	3170		2970	
2,4-Dinitrotoluene	11	U	3470	3470	3210		3100	
4-Chlorophenyl phenyl ether	40	U	3470	3470	3050		2900	

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181718

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62993-30	Units:	ug/Kg	MSD Lab Sample ID:	460-62993-30
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/18/2013 2049			Analysis Date:	09/18/2013 2114
Prep Date:	09/17/2013 0859			Prep Date:	09/17/2013 0859
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4-Nitroaniline	110	U	3470	3470	2960		2760	
4,6-Dinitro-2-methylphenol	94	U	6940	6950	1680		664	J F
4-Bromophenyl phenyl ether	34	U	3470	3470	3290		2780	
Atrazine	53	U	3470	3470	2930		2530	
Anthracene	42	U	3470	3470	2940		2820	
Carbazole	41	U	3470	3470	3260		3130	
Phenanthrene	44	U	3470	3470	3000		2850	
Pentachlorophenol	100	U	6940	6950	4310		3120	F
Pyrene	29	U	3470	3470	2700		2590	
Chrysene	40	U	3470	3470	3020		2840	
Benzo[k]fluoranthene	2.6	U	3470	3470	2960		2750	
Benzo[g,h,i]perylene	25	U	3470	3470	3020		2870	
Benzo[b]fluoranthene	2.2	U	3470	3470	3060		2960	
Benzo[a]pyrene	2.4	U	3470	3470	3210	F	3090	
Benzo[a]anthracene	2.4	U	3470	3470	2880		2770	
N-Nitrosodiphenylamine	34	U	3470	3470	3650		3120	
Butyl benzyl phthalate	32	U	3470	3470	3050		2850	
Bis(2-ethylhexyl) phthalate	110	U	3470	3470	3100		2920	
Di-n-octyl phthalate	22	U	3470	3470	2980		2840	
Indeno[1,2,3-cd]pyrene	6.4	U	3470	3470	3210		3060	
Dibenz(a,h)anthracene	4.3	U	3470	3470	3050		2960	
3,3'-Dichlorobenzidine	120	U	3470	3470	2770		2780	
1,2,4,5-Tetrachlorobenzene	46	U	3470	3470	2840		2670	
2,3,4,6-Tetrachlorophenol	45	U	3470	3470	2760		2270	F

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181730

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-181730/1-A	Analysis Batch:	460-181879	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-181730	Lab File ID:	M69516.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	09/18/2013 1033	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/17/2013 0945			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	0.60	U	0.60	10
2-Chlorophenol	0.93	U	0.93	10
2-Methylphenol	1.4	U	1.4	10
4-Methylphenol	1.0	U	1.0	10
Benzaldehyde	2.1	U	2.1	10
Acetophenone	0.89	U	0.89	10
Bis(2-chloroethyl)ether	0.30	U	0.30	1.0
2,2'-oxybis[1-chloropropane]	1.3	U	1.3	10
N-Nitrosodi-n-propylamine	0.27	U	0.27	1.0
Nitrobenzene	0.34	U	0.34	1.0
Hexachloroethane	0.15	U	0.15	1.0
Isophorone	1.3	U	1.3	10
2-Nitrophenol	0.68	U	0.68	10
2,4-Dimethylphenol	1.2	U	1.2	10
2,4-Dichlorophenol	1.1	U	1.1	10
Bis(2-chloroethoxy)methane	1.0	U	1.0	10
Naphthalene	2.0	U	2.0	10
4-Chloroaniline	0.32	U	0.32	1.0
Hexachlorobutadiene	0.68	U	0.68	2.0
Caprolactam	0.91	U	0.91	10
4-Chloro-3-methylphenol	1.1	U	1.1	10
2-Methylnaphthalene	1.5	U	1.5	10
Hexachlorobenzene	0.20	U	0.20	1.0
Hexachlorocyclopentadiene	1.5	U	1.5	10
2,4,6-Trichlorophenol	1.4	U	1.4	10
2,4,5-Trichlorophenol	2.2	U	2.2	10
Diphenyl	1.8	U	1.8	10
2-Chloronaphthalene	1.3	U	1.3	10
2-Nitroaniline	2.0	U	2.0	20
2,6-Dinitrotoluene	0.27	U	0.27	2.0
Dimethyl phthalate	1.1	U	1.1	10
Acenaphthylene	1.8	U	1.8	10
3-Nitroaniline	2.9	U	2.9	20
Acenaphthene	1.1	U	1.1	10
4-Nitrophenol	2.0	U	2.0	30
2,4-Dinitrophenol	2.0	U	2.0	30
Dibenzofuran	1.5	U	1.5	10
Diethyl phthalate	1.4	U	1.4	10
Fluorene	1.7	U	1.7	10
Fluoranthene	1.1	U	1.1	10
Di-n-butyl phthalate	1.0	U	1.0	10
2,4-Dinitrotoluene	0.28	U	0.28	2.0
4-Chlorophenyl phenyl ether	1.5	U	1.5	10
4-Nitroaniline	2.9	U	2.9	20
4,6-Dinitro-2-methylphenol	3.0	U	3.0	30

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181730

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-181730/1-A	Analysis Batch:	460-181879	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-181730	Lab File ID:	M69516.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	09/18/2013 1033	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/17/2013 0945			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	1.1	U	1.1	10
Atrazine	1.0	U	1.0	10
Anthracene	0.85	U	0.85	10
Carbazole	1.2	U	1.2	10
Phenanthrene	1.2	U	1.2	10
Pentachlorophenol	2.7	U	2.7	30
Pyrene	1.1	U	1.1	10
Chrysene	1.4	U	1.4	10
Benzo[k]fluoranthene	0.14	U	0.14	1.0
Benzo[g,h,i]perylene	0.93	U	0.93	10
Benzo[b]fluoranthene	0.21	U	0.21	1.0
Benzo[a]pyrene	0.14	U	0.14	1.0
Benzo[a]anthracene	0.18	U	0.18	1.0
N-Nitrosodiphenylamine	1.0	U	1.0	10
Butyl benzyl phthalate	1.4	U	1.4	10
Bis(2-ethylhexyl) phthalate	0.81	U	0.81	10
Di-n-octyl phthalate	0.88	U	0.88	10
Indeno[1,2,3-cd]pyrene	0.11	U	0.11	1.0
Dibenz(a,h)anthracene	0.16	U	0.16	1.0
3,3'-Dichlorobenzidine	3.2	U	3.2	20
1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	10
2,3,4,6-Tetrachlorophenol	0.89	U	0.89	10

Surrogate	% Rec	Acceptance Limits
Phenol-d5	40	4 - 86
2,4,6-Tribromophenol	87	51 - 126
Nitrobenzene-d5	82	60 - 114
2-Fluorophenol	53	15 - 96
2-Fluorobiphenyl	78	50 - 120
Terphenyl-d14	100	72 - 130

Method Blank TICs- Batch: 460-181730

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-181730

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-181730/2-A	Analysis Batch:	460-182022	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-181730	Lab File ID:	M69533.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	09/18/2013 1828	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/17/2013 0945			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-181730/3-A	Analysis Batch:	460-182282	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-181730	Lab File ID:	M69606.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	09/20/2013 0908	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/17/2013 0945			Injection Volume:	5 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Phenol	46	44	12 - 44	6	30	*	
2-Chlorophenol	77	75	53 - 101	3	30		
2-Methylphenol	69	67	40 - 90	2	30		
4-Methylphenol	66	66	30 - 75	0	30		
Benzaldehyde	95	86	52 - 150	10	30		
Acetophenone	77	75	68 - 109	2	30		
Bis(2-chloroethyl)ether	71	72	62 - 108	1	30		
2,2'-oxybis[1-chloropropane]	82	74	68 - 107	10	30		
N-Nitrosodi-n-propylamine	80	77	70 - 109	4	30		
Nitrobenzene	69	65	66 - 106	5	30		*
Hexachloroethane	71	68	50 - 99	5	30		
Isophorone	71	69	68 - 108	3	30		
2-Nitrophenol	74	75	65 - 107	1	30		
2,4-Dimethylphenol	72	68	55 - 100	5	30		
2,4-Dichlorophenol	72	75	64 - 107	4	30		
Bis(2-chloroethoxy)methane	78	75	69 - 108	4	30		
Naphthalene	76	78	63 - 101	2	30		
4-Chloroaniline	73	73	58 - 105	0	30		
Hexachlorobutadiene	69	75	52 - 99	8	30		
Caprolactam	40	42	10 - 30	5	30	*	*
4-Chloro-3-methylphenol	74	73	57 - 106	2	30		
2-Methylnaphthalene	77	78	66 - 102	1	30		
Hexachlorobenzene	80	95	65 - 107	17	30		
Hexachlorocyclopentadiene	64	63	40 - 105	1	30		
2,4,6-Trichlorophenol	78	85	67 - 111	8	30		
2,4,5-Trichlorophenol	77	82	67 - 114	6	30		
Diphenyl	72	76	66 - 112	5	30		
2-Chloronaphthalene	73	75	65 - 107	3	30		
2-Nitroaniline	64	63	73 - 116	1	30	*	*
2,6-Dinitrotoluene	85	80	68 - 114	6	30		
Dimethyl phthalate	78	79	69 - 111	2	30		
Acenaphthylene	77	78	67 - 107	0	30		
3-Nitroaniline	88	88	59 - 108	0	30		
Acenaphthene	75	77	66 - 108	3	30		
4-Nitrophenol	54	54	10 - 44	1	30	*	*
2,4-Dinitrophenol	86	89	19 - 113	4	30		

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-181730

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-181730/2-A	Analysis Batch:	460-182022	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-181730	Lab File ID:	M69533.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	09/18/2013 1828	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/17/2013 0945			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-181730/3-A	Analysis Batch:	460-182282	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-181730	Lab File ID:	M69606.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	09/20/2013 0908	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/17/2013 0945			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Dibenzofuran	83	78	68 - 105	6	30		
Diethyl phthalate	82	77	66 - 109	6	30		
Fluorene	80	79	68 - 105	1	30		
Fluoranthene	79	78	68 - 108	1	30		
Di-n-butyl phthalate	76	74	68 - 111	2	30		
2,4-Dinitrotoluene	82	81	65 - 113	2	30		
4-Chlorophenyl phenyl ether	80	82	68 - 105	3	30		
4-Nitroaniline	93	86	49 - 119	8	30		
4,6-Dinitro-2-methylphenol	84	91	58 - 115	8	30		
4-Bromophenyl phenyl ether	78	87	66 - 110	11	30		
Atrazine	67	65	56 - 116	3	30		
Anthracene	77	78	68 - 108	1	30		
Carbazole	77	77	67 - 110	1	30		
Phenanthrene	78	80	68 - 110	3	30		
Pentachlorophenol	80	89	55 - 116	10	30		
Pyrene	76	76	61 - 110	0	30		
Chrysene	74	75	68 - 112	1	30		
Benzo[k]fluoranthene	83	85	66 - 114	3	30		
Benzo[g,h,i]perylene	69	79	65 - 134	14	30		
Benzo[b]fluoranthene	81	79	65 - 111	3	30		
Benzo[a]pyrene	77	80	58 - 101	5	30		
Benzo[a]anthracene	75	78	65 - 106	3	30		
N-Nitrosodiphenylamine	79	84	71 - 121	6	30		
Butyl benzyl phthalate	74	72	66 - 115	3	30		
Bis(2-ethylhexyl) phthalate	73	68	66 - 114	8	30		
Di-n-octyl phthalate	82	76	51 - 115	8	30		
Indeno[1,2,3-cd]pyrene	73	78	68 - 121	7	30		
Dibenz(a,h)anthracene	74	85	67 - 124	13	30		
3,3'-Dichlorobenzidine	76	79	69 - 129	5	30		
1,2,4,5-Tetrachlorobenzene	70	75	70 - 130	8	30		
2,3,4,6-Tetrachlorophenol	80	89	70 - 130	10	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2,4,6-Tribromophenol	86	101	51 - 126
Phenol-d5	42	40	4 - 86
2-Fluorophenol	52	51	15 - 96

Client: Antea USA, Inc. Job Number: 460-62993-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Nitrobenzene-d5	70	68	60 - 114
2-Fluorobiphenyl	70	76	50 - 120
Terphenyl-d14	72	74	72 - 130

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-181730

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-181730/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-181730/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/18/2013 1828			Analysis Date:	09/20/2013 0908
Prep Date:	09/17/2013 0945			Prep Date:	09/17/2013 0945
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual	
Phenol	80.0	80.0	37.1	*	35.0	
2-Chlorophenol	80.0	80.0	62.0		60.1	
2-Methylphenol	80.0	80.0	55.1		53.9	
4-Methylphenol	80.0	80.0	52.5		52.6	
Benzaldehyde	80.0	80.0	76.4		69.1	
Acetophenone	80.0	80.0	61.2		60.2	
Bis(2-chloroethyl)ether	80.0	80.0	57.2		57.6	
2,2'-oxybis[1-chloropropane]	80.0	80.0	65.8		59.3	
N-Nitrosodi-n-propylamine	80.0	80.0	64.2		61.5	
Nitrobenzene	80.0	80.0	54.9		52.3	*
Hexachloroethane	80.0	80.0	57.0		54.4	
Isophorone	80.0	80.0	56.9		55.0	
2-Nitrophenol	80.0	80.0	59.4		59.8	
2,4-Dimethylphenol	80.0	80.0	57.2		54.3	
2,4-Dichlorophenol	80.0	80.0	57.8		60.2	
Bis(2-chloroethoxy)methane	80.0	80.0	62.3		59.9	
Naphthalene	80.0	80.0	60.7		62.1	
4-Chloroaniline	80.0	80.0	58.3		58.2	
Hexachlorobutadiene	80.0	80.0	55.3		60.1	
Caprolactam	80.0	80.0	32.0	*	33.7	*
4-Chloro-3-methylphenol	80.0	80.0	59.5		58.5	
2-Methylnaphthalene	80.0	80.0	61.7		62.5	
Hexachlorobenzene	80.0	80.0	64.3		76.3	
Hexachlorocyclopentadiene	80.0	80.0	50.9		50.4	
2,4,6-Trichlorophenol	80.0	80.0	62.6		67.9	
2,4,5-Trichlorophenol	80.0	80.0	61.5		65.4	
Diphenyl	80.0	80.0	57.6		60.8	
2-Chloronaphthalene	80.0	80.0	58.0		59.9	
2-Nitroaniline	80.0	80.0	51.0	*	50.4	*
2,6-Dinitrotoluene	80.0	80.0	68.1		64.1	
Dimethyl phthalate	80.0	80.0	62.1		63.4	
Acenaphthylene	80.0	80.0	61.9		62.2	
3-Nitroaniline	80.0	80.0	70.2		70.5	
Acenaphthene	80.0	80.0	59.8		61.4	
4-Nitrophenol	80.0	80.0	43.0	*	43.4	*
2,4-Dinitrophenol	80.0	80.0	68.5		71.2	
Dibenzofuran	80.0	80.0	66.4		62.6	
Diethyl phthalate	80.0	80.0	65.8		62.0	
Fluorene	80.0	80.0	63.8		62.9	

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-181730

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-181730/2-A	Units: ug/L		LCSD Lab Sample ID:	LCSD 460-181730/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/18/2013 1828			Analysis Date:	09/20/2013 0908
Prep Date:	09/17/2013 0945			Prep Date:	09/17/2013 0945
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Fluoranthene	80.0	80.0	63.1	62.4
Di-n-butyl phthalate	80.0	80.0	60.6	59.5
2,4-Dinitrotoluene	80.0	80.0	65.6	64.5
4-Chlorophenyl phenyl ether	80.0	80.0	63.8	65.8
4-Nitroaniline	80.0	80.0	74.6	68.5
4,6-Dinitro-2-methylphenol	80.0	80.0	67.6	73.1
4-Bromophenyl phenyl ether	80.0	80.0	62.5	69.8
Atrazine	80.0	80.0	53.9	52.2
Anthracene	80.0	80.0	61.5	62.1
Carbazole	80.0	80.0	62.0	61.2
Phenanthrene	80.0	80.0	62.1	64.1
Pentachlorophenol	80.0	80.0	64.3	71.0
Pyrene	80.0	80.0	60.9	60.7
Chrysene	80.0	80.0	59.3	60.1
Benzo[k]fluoranthene	80.0	80.0	66.1	68.1
Benzo[g,h,i]perylene	80.0	80.0	54.9	63.2
Benzo[b]fluoranthene	80.0	80.0	65.0	63.2
Benzo[a]pyrene	80.0	80.0	61.3	64.3
Benzo[a]anthracene	80.0	80.0	60.1	62.2
N-Nitrosodiphenylamine	80.0	80.0	63.1	66.9
Butyl benzyl phthalate	80.0	80.0	59.5	57.8
Bis(2-ethylhexyl) phthalate	80.0	80.0	58.8	54.0
Di-n-octyl phthalate	80.0	80.0	65.6	60.7
Indeno[1,2,3-cd]pyrene	80.0	80.0	58.1	62.2
Dibenz(a,h)anthracene	80.0	80.0	59.6	68.2
3,3'-Dichlorobenzidine	80.0	80.0	60.6	63.4
1,2,4,5-Tetrachlorobenzene	80.0	80.0	55.8	60.4
2,3,4,6-Tetrachlorophenol	80.0	80.0	64.2	71.0

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-182330 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	MB 460-182330/1-A	Analysis Batch:	460-182394	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-182330	Lab File ID:	112761.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/20/2013 2211	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/20/2013 0859			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	44	U	44	330
2-Chlorophenol	44	U	44	330
2-Methylphenol	56	U	56	330
4-Methylphenol	65	U	65	330
Benzaldehyde	39	U	39	330
Acetophenone	51	U	51	330
Bis(2-chloroethyl)ether	4.5	U	4.5	33
2,2'-oxybis[1-chloropropane]	37	U	37	330
N-Nitrosodi-n-propylamine	5.5	U	5.5	33
Nitrobenzene	4.7	U	4.7	33
Hexachloroethane	3.7	U	3.7	33
Isophorone	40	U	40	330
2-Nitrophenol	37	U	37	330
2,4-Dimethylphenol	82	U	82	330
2,4-Dichlorophenol	48	U	48	330
Bis(2-chloroethoxy)methane	43	U	43	330
Naphthalene	38	U	38	330
4-Chloroaniline	88	U	88	330
Hexachlorobutadiene	8.1	U	8.1	67
Caprolactam	76	U	76	330
4-Chloro-3-methylphenol	50	U	50	330
2-Methylnaphthalene	43	U	43	330
Hexachlorobenzene	4.5	U	4.5	33
Hexachlorocyclopentadiene	39	U	39	330
2,4,6-Trichlorophenol	39	U	39	330
2,4,5-Trichlorophenol	43	U	43	330
Diphenyl	44	U	44	330
2-Chloronaphthalene	37	U	37	330
2-Nitroaniline	140	U	140	670
2,6-Dinitrotoluene	10	U	10	67
Dimethyl phthalate	39	U	39	330
Acenaphthylene	39	U	39	330
3-Nitroaniline	120	U	120	670
Acenaphthene	48	U	48	330
4-Nitrophenol	210	U	210	1000
2,4-Dinitrophenol	190	U	190	1000
Dibenzofuran	39	U	39	330
Diethyl phthalate	39	U	39	330
Fluorene	42	U	42	330
Fluoranthene	44	U	44	330
Di-n-butyl phthalate	41	U	41	330
2,4-Dinitrotoluene	11	U	11	67
4-Chlorophenyl phenyl ether	39	U	39	330
4-Nitroaniline	100	U	100	670
4,6-Dinitro-2-methylphenol	90	U	90	1000

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-182330

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-182330/1-A	Analysis Batch:	460-182394	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-182330	Lab File ID:	112761.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/20/2013 2211	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/20/2013 0859			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	33	U	33	330
Atrazine	51	U	51	330
Anthracene	40	U	40	330
Carbazole	39	U	39	330
Phenanthrene	42	U	42	330
Pentachlorophenol	99	U	99	1000
Pyrene	28	U	28	330
Chrysene	39	U	39	330
Benzo[k]fluoranthene	2.5	U	2.5	33
Benzo[g,h,i]perylene	25	U	25	330
Benzo[b]fluoranthene	2.1	U	2.1	33
Benzo[a]pyrene	2.3	U	2.3	33
Benzo[a]anthracene	2.3	U	2.3	33
N-Nitrosodiphenylamine	33	U	33	330
Butyl benzyl phthalate	30	U	30	330
Bis(2-ethylhexyl) phthalate	110	U	110	330
Di-n-octyl phthalate	21	U	21	330
Indeno[1,2,3-cd]pyrene	6.2	U	6.2	33
Dibenz(a,h)anthracene	4.2	U	4.2	33
3,3'-Dichlorobenzidine	120	U	120	670
1,2,4,5-Tetrachlorobenzene	45	U	45	330
2,3,4,6-Tetrachlorophenol	43	U	43	330

Surrogate	% Rec	Acceptance Limits
Phenol-d5	77	41 - 118
2,4,6-Tribromophenol	64	10 - 120
Nitrobenzene-d5	76	38 - 105
2-Fluorophenol	86	37 - 125
2-Fluorobiphenyl	80	40 - 109
Terphenyl-d14	87	16 - 151

Method Blank TICs- Batch: 460-182330

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Aldol condensation product	1.68	5140	J A

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample - Batch: 460-182330

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-182330/2-A	Analysis Batch:	460-182639	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-182330	Lab File ID:	L112837.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/23/2013 1023	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/20/2013 0859			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	3330	2530	76	54 - 115	
2-Chlorophenol	3330	2560	77	56 - 110	
2-Methylphenol	3330	2620	79	54 - 117	
4-Methylphenol	3330	2710	81	47 - 103	
Benzaldehyde	3330	608	18	10 - 160	
Acetophenone	3330	2520	76	40 - 95	
Bis(2-chloroethyl)ether	3330	2950	89	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2510	75	45 - 102	
N-Nitrosodi-n-propylamine	3330	2660	80	42 - 107	
Nitrobenzene	3330	1940	58	42 - 106	
Hexachloroethane	3330	2380	71	45 - 90	
Isophorone	3330	2760	83	48 - 97	
2-Nitrophenol	3330	2750	82	55 - 101	
2,4-Dimethylphenol	3330	2340	70	56 - 112	
2,4-Dichlorophenol	3330	2740	82	58 - 115	
Bis(2-chloroethoxy)methane	3330	2550	76	51 - 100	
Naphthalene	3330	2540	76	53 - 94	
4-Chloroaniline	3330	1540	46	10 - 96	
Hexachlorobutadiene	3330	2680	80	45 - 98	
Caprolactam	3330	2390	72	10 - 127	
4-Chloro-3-methylphenol	3330	2490	75	55 - 117	
2-Methylnaphthalene	3330	2640	79	51 - 98	
Hexachlorobenzene	3330	2730	82	43 - 104	
Hexachlorocyclopentadiene	3330	3180	96	24 - 98	
2,4,6-Trichlorophenol	3330	2530	76	53 - 118	
2,4,5-Trichlorophenol	3330	2560	77	50 - 115	
Diphenyl	3330	2580	77	50 - 105	
2-Chloronaphthalene	3330	2470	74	51 - 102	
2-Nitroaniline	3330	2470	74	51 - 109	
2,6-Dinitrotoluene	3330	2520	76	51 - 115	
Dimethyl phthalate	3330	2530	76	52 - 112	
Acenaphthylene	3330	2600	78	51 - 103	
3-Nitroaniline	3330	1810	54	32 - 104	
Acenaphthene	3330	2590	78	46 - 100	
4-Nitrophenol	6670	3160	47	45 - 114	
2,4-Dinitrophenol	6670	1340	20	10 - 129	
Dibenzofuran	3330	2560	77	52 - 106	
Diethyl phthalate	3330	2530	76	52 - 114	
Fluorene	3330	2420	73	51 - 108	
Fluoranthene	3330	2520	76	49 - 108	
Di-n-butyl phthalate	3330	2600	78	50 - 108	
2,4-Dinitrotoluene	3330	2450	74	53 - 110	
4-Chlorophenyl phenyl ether	3330	2500	75	50 - 106	
4-Nitroaniline	3330	1420	43	45 - 106	*
4,6-Dinitro-2-methylphenol	6670	2300	34	10 - 110	
4-Bromophenyl phenyl ether	3330	2710	81	44 - 102	

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample - Batch: 460-182330

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-182330/2-A	Analysis Batch:	460-182639	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-182330	Lab File ID:	L112837.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/23/2013 1023	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/20/2013 0859			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	2660	80	30 - 100	
Anthracene	3330	2600	78	50 - 107	
Carbazole	3330	2590	78	49 - 104	
Phenanthrene	3330	2600	78	48 - 108	
Pentachlorophenol	6670	4160	62	19 - 113	
Pyrene	3330	2700	81	49 - 116	
Chrysene	3330	2510	75	45 - 114	
Benzo[k]fluoranthene	3330	2830	85	35 - 115	
Benzo[g,h,i]perylene	3330	2960	89	43 - 106	
Benzo[b]fluoranthene	3330	2760	83	33 - 96	
Benzo[a]pyrene	3330	2940	88	36 - 89	
Benzo[a]anthracene	3330	2520	76	46 - 112	
N-Nitrosodiphenylamine	3330	2740	82	49 - 106	
Butyl benzyl phthalate	3330	2680	80	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2670	80	49 - 119	
Di-n-octyl phthalate	3330	2890	87	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	3400	102	43 - 109	
Dibenz(a,h)anthracene	3330	2810	84	43 - 107	
3,3'-Dichlorobenzidine	3330	1590	48	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2580	78	70 - 130	
2,3,4,6-Tetrachlorophenol	3330	2490	75	70 - 130	

Surrogate	% Rec	Acceptance Limits
Phenol-d5	73	41 - 118
2,4,6-Tribromophenol	67	10 - 120
Nitrobenzene-d5	71	38 - 105
2-Fluorophenol	79	37 - 125
2-Fluorobiphenyl	72	40 - 109
Terphenyl-d14	75	16 - 151

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182330

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-63294-E-2-B MS	Analysis Batch:	460-182469	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-182330	Lab File ID:	112780.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/21/2013 1233			Final Weight/Volume:	1 mL
Prep Date:	09/20/2013 0859			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-63294-E-2-C MSD	Analysis Batch:	460-182469	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-182330	Lab File ID:	112781.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/21/2013 1302			Final Weight/Volume:	1 mL
Prep Date:	09/20/2013 0859			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	89	89	54 - 115	0	30		
2-Chlorophenol	88	87	56 - 110	2	30		
2-Methylphenol	92	90	54 - 117	2	30		
4-Methylphenol	96	96	47 - 103	0	30		
Benzaldehyde	15	15	10 - 160	4	30		
Acetophenone	87	86	40 - 95	2	30		
Bis(2-chloroethyl)ether	80	83	44 - 101	3	30		
2,2'-oxybis[1-chloropropane]	83	82	45 - 102	1	30		
N-Nitrosodi-n-propylamine	93	92	42 - 107	1	30		
Nitrobenzene	64	63	42 - 106	2	30		
Hexachloroethane	78	77	45 - 90	2	30		
Isophorone	94	92	48 - 97	2	30		
2-Nitrophenol	93	90	55 - 101	3	30		
2,4-Dimethylphenol	81	80	56 - 112	1	30		
2,4-Dichlorophenol	99	96	58 - 115	3	30		
Bis(2-chloroethoxy)methane	87	86	51 - 100	2	30		
Naphthalene	86	84	53 - 94	2	30		
4-Chloroaniline	69	74	10 - 96	8	30		
Hexachlorobutadiene	88	87	45 - 98	1	30		
Caprolactam	54	58	10 - 127	7	30		
4-Chloro-3-methylphenol	93	93	55 - 117	0	30		
2-Methylnaphthalene	91	89	51 - 98	2	30		
Hexachlorobenzene	96	93	43 - 104	3	30		
Hexachlorocyclopentadiene	111	107	24 - 98	3	30	F	F
2,4,6-Trichlorophenol	89	84	53 - 118	6	30		
2,4,5-Trichlorophenol	85	85	50 - 115	1	30		
Diphenyl	87	83	50 - 105	5	30		
2-Chloronaphthalene	84	78	51 - 102	7	30		
2-Nitroaniline	90	89	51 - 109	2	30		
2,6-Dinitrotoluene	89	86	51 - 115	4	30		
Dimethyl phthalate	88	85	52 - 112	3	30		
Acenaphthylene	90	85	51 - 103	5	30		
3-Nitroaniline	70	71	32 - 104	3	30		

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182330

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-63294-E-2-B MS	Analysis Batch:	460-182469	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-182330	Lab File ID:	112780.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/21/2013 1233			Final Weight/Volume:	1 mL
Prep Date:	09/20/2013 0859			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-63294-E-2-C MSD	Analysis Batch:	460-182469	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-182330	Lab File ID:	112781.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/21/2013 1302			Final Weight/Volume:	1 mL
Prep Date:	09/20/2013 0859			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	88	84	46 - 100	4	30		
4-Nitrophenol	87	83	45 - 114	5	30		
2,4-Dinitrophenol	14	14	10 - 129	0	30	J	J
Dibenzofuran	89	85	52 - 106	4	30		
Diethyl phthalate	87	85	52 - 114	3	30		
Fluorene	84	81	51 - 108	3	30		
Fluoranthene	88	84	49 - 108	5	30		
Di-n-butyl phthalate	89	85	50 - 108	5	30		
2,4-Dinitrotoluene	90	88	53 - 110	2	30		
4-Chlorophenyl phenyl ether	88	86	50 - 106	3	30		
4-Nitroaniline	53	45	45 - 106	16	30		
4,6-Dinitro-2-methylphenol	19	15	10 - 110	28	30		
4-Bromophenyl phenyl ether	96	92	44 - 102	4	30		
Atrazine	95	90	30 - 100	6	30		
Anthracene	93	89	50 - 107	4	30		
Carbazole	91	87	49 - 104	4	30		
Phenanthrene	93	89	48 - 108	4	30		
Pentachlorophenol	66	50	19 - 113	27	30		
Pyrene	98	101	49 - 116	3	30		
Chrysene	88	82	45 - 114	7	30		
Benzo[k]fluoranthene	91	89	35 - 115	3	30		
Benzo[g,h,i]perylene	86	82	43 - 106	5	30		
Benzo[b]fluoranthene	98	92	33 - 96	7	30	F	
Benzo[a]pyrene	101	95	36 - 89	6	30	F	F
Benzo[a]anthracene	90	85	46 - 112	6	30		
N-Nitrosodiphenylamine	98	92	49 - 106	6	30		
Butyl benzyl phthalate	94	91	49 - 117	3	30		
Bis(2-ethylhexyl) phthalate	88	84	49 - 119	5	30		
Di-n-octyl phthalate	90	89	40 - 106	1	30		
Indeno[1,2,3-cd]pyrene	105	100	43 - 109	5	30		
Dibenz(a,h)anthracene	88	84	43 - 107	4	30		
3,3'-Dichlorobenzidine	67	63	24 - 105	5	30		
1,2,4,5-Tetrachlorobenzene	87	83	70 - 130	5	30		

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182330

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-63294-E-2-B MS	Analysis Batch:	460-182469	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-182330	Lab File ID:	112780.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/21/2013 1233			Final Weight/Volume:	1 mL
Prep Date:	09/20/2013 0859			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-63294-E-2-C MSD	Analysis Batch:	460-182469	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-182330	Lab File ID:	112781.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/21/2013 1302			Final Weight/Volume:	1 mL
Prep Date:	09/20/2013 0859			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	87	79	70 - 130	9	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol	79	75	10 - 120
Phenol-d5	85	81	41 - 118
2-Fluorophenol	92	89	37 - 125
Nitrobenzene-d5	82	80	38 - 105
2-Fluorobiphenyl	82	78	40 - 109
Terphenyl-d14	89	91	16 - 151

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182330

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-63294-E-2-B MS	Units: ug/Kg	MSD Lab Sample ID:	460-63294-E-2-C MSD	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/21/2013 1233		Analysis Date:	09/21/2013 1302	
Prep Date:	09/20/2013 0859		Prep Date:	09/20/2013 0859	
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	50	U	3780	3790	3370		3380	
2-Chlorophenol	49	U	3780	3790	3330		3280	
2-Methylphenol	64	U	3780	3790	3460		3410	
4-Methylphenol	74	U	3780	3790	3630		3630	
Benzaldehyde	44	U	3780	3790	550		570	
Acetophenone	58	U	3780	3790	3300		3240	
Bis(2-chloroethyl)ether	5.1	U	3780	3790	3040		3140	
2,2'-oxybis[1-chloropropane]	42	U	3780	3790	3140		3110	
N-Nitrosodi-n-propylamine	6.3	U	3780	3790	3510		3480	
Nitrobenzene	5.3	U	3780	3790	2430		2390	
Hexachloroethane	4.2	U	3780	3790	2970		2910	
Isophorone	46	U	3780	3790	3580		3500	
2-Nitrophenol	42	U	3780	3790	3520		3410	
2,4-Dimethylphenol	93	U	3780	3790	3080		3030	
2,4-Dichlorophenol	55	U	3780	3790	3750		3640	
Bis(2-chloroethoxy)methane	48	U	3780	3790	3310		3240	
Naphthalene	43	U	3780	3790	3250		3180	
4-Chloroaniline	99	U	3780	3790	2610		2820	
Hexachlorobutadiene	9.2	U	3780	3790	3340		3300	
Caprolactam	87	U	3780	3790	2050		2200	
4-Chloro-3-methylphenol	57	U	3780	3790	3510		3510	
2-Methylnaphthalene	48	U	3780	3790	3440		3370	
Hexachlorobenzene	5.1	U	3780	3790	3620		3510	
Hexachlorocyclopentadiene	44	U	3780	3790	4180	F	4060	F
2,4,6-Trichlorophenol	44	U	3780	3790	3380		3200	
2,4,5-Trichlorophenol	48	U	3780	3790	3210		3230	
Diphenyl	50	U	3780	3790	3310		3150	
2-Chloronaphthalene	42	U	3780	3790	3180		2960	
2-Nitroaniline	160	U	3780	3790	3420		3360	
2,6-Dinitrotoluene	11	U	3780	3790	3370		3250	
Dimethyl phthalate	45	U	3780	3790	3330		3220	
Acenaphthylene	44	U	3780	3790	3400		3230	
3-Nitroaniline	130	U	3780	3790	2630		2700	
Acenaphthene	55	U	3780	3790	3330		3190	
4-Nitrophenol	240	U	7570	7570	6620		6320	
2,4-Dinitrophenol	210	U	7570	7570	1070	J	1060	J
Dibenzofuran	44	U	3780	3790	3360		3230	
Diethyl phthalate	45	U	3780	3790	3290		3200	
Fluorene	48	U	3780	3790	3190		3080	
Fluoranthene	50	U	3780	3790	3330		3180	
Di-n-butyl phthalate	46	U	3780	3790	3370		3210	
2,4-Dinitrotoluene	12	U	3780	3790	3400		3340	
4-Chlorophenyl phenyl ether	44	U	3780	3790	3330		3240	

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182330

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-63294-E-2-B MS	Units: ug/Kg	MSD Lab Sample ID:	460-63294-E-2-C MSD	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/21/2013 1233		Analysis Date:	09/21/2013 1302	
Prep Date:	09/20/2013 0859		Prep Date:	09/20/2013 0859	
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	120	U	3780	3790	2000		1710	
4,6-Dinitro-2-methylphenol	100	U	7570	7570	1460		1100	
4-Bromophenyl phenyl ether	37	U	3780	3790	3620		3480	
Atrazine	58	U	3780	3790	3590		3390	
Anthracene	46	U	3780	3790	3520		3390	
Carbazole	44	U	3780	3790	3430		3290	
Phenanthrene	48	U	3780	3790	3510		3370	
Pentachlorophenol	110	U	7570	7570	4960		3780	
Pyrene	31	U	3780	3790	3710		3820	
Chrysene	44	U	3780	3790	3330		3110	
Benzo[k]fluoranthene	2.8	U	3780	3790	3460		3370	
Benzo[g,h,i]perylene	28	U	3780	3790	3270		3100	
Benzo[b]fluoranthene	2.4	U	3780	3790	3710	F	3480	
Benzo[a]pyrene	2.7	U	3780	3790	3820	F	3590	F
Benzo[a]anthracene	2.6	U	3780	3790	3410		3210	
N-Nitrosodiphenylamine	37	U	3780	3790	3690		3480	
Butyl benzyl phthalate	34	U	3780	3790	3540		3430	
Bis(2-ethylhexyl) phthalate	120	U	3780	3790	3340		3170	
Di-n-octyl phthalate	24	U	3780	3790	3410		3360	
Indeno[1,2,3-cd]pyrene	7.0	U	3780	3790	3990		3790	
Dibenz(a,h)anthracene	4.7	U	3780	3790	3320		3190	
3,3'-Dichlorobenzidine	130	U	3780	3790	2530		2390	
1,2,4,5-Tetrachlorobenzene	51	U	3780	3790	3280		3130	
2,3,4,6-Tetrachlorophenol	49	U	3780	3790	3300		3010	

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181488

Method: 8082
Preparation: 3510C

Lab Sample ID:	MB 460-181488/1-A	Analysis Batch:	460-181958	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-181488	Lab File ID:	QR097391.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	09/18/2013 0207	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0847			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	0.27	U	0.27	0.40
Aroclor 1221	0.27	U	0.27	0.40
Aroclor 1232	0.27	U	0.27	0.40
Aroclor 1242	0.27	U	0.27	0.40
Aroclor 1248	0.27	U	0.27	0.40
Aroclor 1254	0.21	U	0.21	0.40
Aroclor 1260	0.21	U	0.21	0.40
Aroclor 1262	0.21	U	0.21	0.40
Aroclor 1268	0.21	U	0.21	0.40

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	110	37 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	100	37 - 150

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-181488

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-181488/2-A	Analysis Batch:	460-181958	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-181488	Lab File ID:	QR097392.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	09/18/2013 0224	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0847			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 460-181488/3-A	Analysis Batch:	460-181958	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-181488	Lab File ID:	QR097393.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	09/18/2013 0240	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0847			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	123	122	71 - 126	1	30		
Aroclor 1260	119	116	73 - 130	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	94	95	37 - 150

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-181488

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-181488/2-A	Analysis Batch:	460-181958	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-181488	Lab File ID:	QR097392.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	09/18/2013 0224	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0847			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

LCSD Lab Sample ID:	LCSD 460-181488/3-A	Analysis Batch:	460-181958	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-181488	Lab File ID:	QR097393.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	09/18/2013 0240	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0847			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	115	111	71 - 126	3	30		
Aroclor 1260	107	101	73 - 130	6	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	85	82	37 - 150

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-181488

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-181488/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-181488/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/18/2013 0224			Analysis Date:	09/18/2013 0240
Prep Date:	09/16/2013 0847			Prep Date:	09/16/2013 0847
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aroclor 1016	8.00	8.00	9.87	9.74
Aroclor 1260	8.00	8.00	9.50	9.29

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-181488

Method: 8082
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-181488/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-181488/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/18/2013 0224			Analysis Date:	09/18/2013 0240
Prep Date:	09/16/2013 0847			Prep Date:	09/16/2013 0847
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aroclor 1016	8.00	8.00	9.16	8.86
Aroclor 1260	8.00	8.00	8.54	8.05

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181667

Method: 8082
Preparation: 3546

Lab Sample ID:	MB 460-181667/1-A	Analysis Batch:	460-181717	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-181667	Lab File ID:	T023124.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 0838	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 0450			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	15	U	15	67
Aroclor 1221	15	U	15	67
Aroclor 1232	15	U	15	67
Aroclor 1242	15	U	15	67
Aroclor 1248	15	U	15	67
Aroclor 1254	19	U	19	67
Aroclor 1260	19	U	19	67
Aroclor 1262	19	U	19	67
Aroclor 1268	19	U	19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	132	45 - 138

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	129	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample - Batch: 460-181667 **Method: 8082**
Preparation: 3546

Lab Sample ID:	LCS 460-181667/2-A	Analysis Batch:	460-181717	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-181667	Lab File ID:	T023125.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 0857	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 0450			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	391	117	75 - 150	
Aroclor 1260	333	390	117	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	120	45 - 138

Lab Control Sample - Batch: 460-181667 **Method: 8082**
Preparation: 3546

Lab Sample ID:	LCS 460-181667/2-A	Analysis Batch:	460-181717	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-181667	Lab File ID:	T023125.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 0857	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 0450			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	377	113	75 - 150	
Aroclor 1260	333	374	112	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	115	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181667

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-63014-A-1-H MS	Analysis Batch:	460-181717	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-181667	Lab File ID:	T023128.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 0954			Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 0450			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-63014-A-1-I MSD	Analysis Batch:	460-181717	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-181667	Lab File ID:	T023129.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	09/17/2013 1013			Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 0450			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	86	82	75 - 150	5	30		
Aroclor 1260	89	98	72 - 150	10	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	119	85	45 - 138

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181667

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-63014-A-1-H MS	Analysis Batch:	460-181717	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-181667	Lab File ID:	T023128.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 0954			Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 0450			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-63014-A-1-I MSD	Analysis Batch:	460-181717	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-181667	Lab File ID:	T023129.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	09/17/2013 1013			Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 0450			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	79	78	75 - 150	2	30		
Aroclor 1260	78	77	72 - 150	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	112	78	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181667

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-63014-A-1-H MS	Units:	ug/Kg	MSD Lab Sample ID:	460-63014-A-1-I MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/17/2013 0954			Analysis Date:	09/17/2013 1013
Prep Date:	09/17/2013 0450			Prep Date:	09/17/2013 0450
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	18	U	403	402	347	330
Aroclor 1260	23	U	403	402	359	395

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181667

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-63014-A-1-H MS	Units:	ug/Kg	MSD Lab Sample ID:	460-63014-A-1-I MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/17/2013 0954			Analysis Date:	09/17/2013 1013
Prep Date:	09/17/2013 0450			Prep Date:	09/17/2013 0450
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	18	U	403	402	318	312
Aroclor 1260	23	U	403	402	313	309

Client: Antea USA, Inc.

Job Number: 460-62993-1

Method Blank - Batch: 460-181668

Method: 8082
Preparation: 3546

Lab Sample ID:	MB 460-181668/1-A	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-181668	Lab File ID:	OR208149.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 1505	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 0459			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	15	U	15	67
Aroclor 1221	15	U	15	67
Aroclor 1232	15	U	15	67
Aroclor 1242	15	U	15	67
Aroclor 1248	15	U	15	67
Aroclor 1254	19	U	19	67
Aroclor 1260	19	U	19	67
Aroclor 1262	19	U	19	67
Aroclor 1268	19	U	19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	101	45 - 138

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	97	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample - Batch: 460-181668 **Method: 8082**
Preparation: 3546

Lab Sample ID:	LCS 460-181668/2-A	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-181668	Lab File ID:	OR208150.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 1522	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 0459			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	377	113	75 - 150	
Aroclor 1260	333	381	114	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	137	45 - 138

Lab Control Sample - Batch: 460-181668 **Method: 8082**
Preparation: 3546

Lab Sample ID:	LCS 460-181668/2-A	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-181668	Lab File ID:	OR208150.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 1522	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 0459			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	376	113	75 - 150	
Aroclor 1260	333	368	110	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	135	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181668

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-62993-1	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-181668	Lab File ID:	OR208151.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/17/2013 1538			Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 0459			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-62993-1	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-181668	Lab File ID:	OR208152.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/17/2013 1555			Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 0459			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	96	96	75 - 150	0	30		
Aroclor 1260	91	95	72 - 150	4	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	90	100	45 - 138

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181668

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-62993-1	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-181668	Lab File ID:	OR208151.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/17/2013 1538			Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 0459			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-62993-1	Analysis Batch:	460-181786	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-181668	Lab File ID:	OR208152.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/17/2013 1555			Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 0459			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	90	95	75 - 150	5	30		
Aroclor 1260	89	92	72 - 150	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	87	95	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181668

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-62993-1	Units:	ug/Kg	MSD Lab Sample ID:	460-62993-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/17/2013 1538			Analysis Date:	09/17/2013 1555
Prep Date:	09/17/2013 0459			Prep Date:	09/17/2013 0459
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	16	U	351	351	337	337
Aroclor 1260	20	U	351	351	319	333

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181668

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-62993-1	Units:	ug/Kg	MSD Lab Sample ID:	460-62993-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/17/2013 1538			Analysis Date:	09/17/2013 1555
Prep Date:	09/17/2013 0459			Prep Date:	09/17/2013 0459
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	16	U	351	351	316	334
Aroclor 1260	20	U	351	351	312	321

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181669

Method: 8082
Preparation: 3546

Lab Sample ID:	MB 460-181669/1-A	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-181669	Lab File ID:	OR208176.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 2229	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 0503			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	15	U	15	67
Aroclor 1221	15	U	15	67
Aroclor 1232	15	U	15	67
Aroclor 1242	15	U	15	67
Aroclor 1248	15	U	15	67
Aroclor 1254	19	U	19	67
Aroclor 1260	19	U	19	67
Aroclor 1262	19	U	19	67
Aroclor 1268	19	U	19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	101	45 - 138

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	98	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Control Sample - Batch: 460-181669 **Method: 8082**
Preparation: 3546

Lab Sample ID:	LCS 460-181669/2-A	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-181669	Lab File ID:	OR208177.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 2246	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 0503			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	332	100	75 - 150	
Aroclor 1260	333	331	99	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	103	45 - 138

Lab Control Sample - Batch: 460-181669 **Method: 8082**
Preparation: 3546

Lab Sample ID:	LCS 460-181669/2-A	Analysis Batch:	460-181811	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-181669	Lab File ID:	OR208177.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 2246	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 0503			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	330	99	75 - 150	
Aroclor 1260	333	322	97	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	100	45 - 138

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181669

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-62993-21	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-181669	Lab File ID:	OR208215.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 1112			Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 0503			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-62993-21	Analysis Batch:	460-181943	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-181669	Lab File ID:	OR208216.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/18/2013 1128			Final Weight/Volume:	10 mL
Prep Date:	09/17/2013 0503			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	0	0	75 - 150	NC	30	U F	U F
Aroclor 1260	0	0	72 - 150	NC	30	U 4	U 4

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	0	X	0	X	45 - 138

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	0	X	0	X	45 - 138

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181669

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-62993-21	Units:	ug/Kg	MSD Lab Sample ID:	460-62993-21
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	20			Dilution:	20
Analysis Date:	09/18/2013 1112			Analysis Date:	09/18/2013 1128
Prep Date:	09/17/2013 0503			Prep Date:	09/17/2013 0503
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	360	U	396	395	360	U F	360	U F
Aroclor 1260	3400		396	395	450	U 4	450	U 4

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181476 **Method: NJ-OQA-QAM-025**
Preparation: 3510C

Lab Sample ID:	MB 460-181476/1-A	Analysis Batch:	460-181694	Instrument ID:	CBNAGC2
Client Matrix:	Water	Prep Batch:	460-181476	Lab File ID:	GC2F5267.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/17/2013 0857	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0819			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	64	51 - 123
Chlorobenzene	49	42 - 93

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-181476 **Method: NJ-OQA-QAM-025**
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-181476/2-A	Analysis Batch:	460-181694	Instrument ID:	CBNAGC2
Client Matrix:	Water	Prep Batch:	460-181476	Lab File ID:	GC2F5268.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/17/2013 0912	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0819			Injection Volume:	1 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-181476/3-A	Analysis Batch:	460-181694	Instrument ID:	CBNAGC2
Client Matrix:	Water	Prep Batch:	460-181476	Lab File ID:	GC2F5269.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/17/2013 0926	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0819			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)	106	102	56 - 111	4	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	77	76	51 - 123
Chlorobenzene	70	70	42 - 93

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-181476

Method: NJ-OQA-QAM-025
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-181476/2-A	Units:	mg/L	LCSD Lab Sample ID:	LCSD 460-181476/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/17/2013 0912			Analysis Date:	09/17/2013 0926
Prep Date:	09/16/2013 0819			Prep Date:	09/16/2013 0819
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	2.11	2.04

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181553

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-181553/1-A	Analysis Batch:	460-181694	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181553	Lab File ID:	GC2F5304.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 1801	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1259			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	84	50 - 105
Chlorobenzene	61	40 - 80

Lab Control Sample - Batch: 460-181553

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-181553/2-A	Analysis Batch:	460-181694	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181553	Lab File ID:	GC2F5305.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 1815	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1259			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	124	93	56 - 113	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	78	50 - 105
Chlorobenzene	71	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181553

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-62968-E-35-F MS	Analysis Batch:	460-181694	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181553	Lab File ID:	GC2F5306.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 1830			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1259			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-62968-E-35-G MSD	Analysis Batch:	460-181694	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181553	Lab File ID:	GC2F5307.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 1845			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1259			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)	65	57	56 - 113	12	40		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	66	55	50 - 105
Chlorobenzene	54	44	40 - 80

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181553

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-62968-E-35-F MS	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	09/17/2013 1830		
Prep Date:	09/16/2013 1259		
Leach Date:	N/A		

MSD Lab Sample ID:	460-62968-E-35-G MSD
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	09/17/2013 1845
Prep Date:	09/16/2013 1259
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)	5.7	U	142	142	92.1	81.5

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181554

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-181554/1-A	Analysis Batch:	460-181694	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181554	Lab File ID:	GC2F5334.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2013 0121	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1305			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	78	50 - 105
Chlorobenzene	58	40 - 80

Lab Control Sample - Batch: 460-181554

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-181554/2-A	Analysis Batch:	460-181694	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181554	Lab File ID:	GC2F5335.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2013 0136	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1305			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	118	89	56 - 113	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	77	50 - 105
Chlorobenzene	66	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181554

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-62993-2	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181554	Lab File ID:	GC2F5390.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2013 1702			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1305			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-62993-2	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181554	Lab File ID:	GC2F5391.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2013 1716			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1305			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)	119	197	56 - 113	3	40	4	4

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
o-Terphenyl	0	D X	0	D X	50 - 105
Chlorobenzene	0	D X	0	D X	40 - 80

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181554

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-62993-2	Units:	mg/Kg	MSD Lab Sample ID:	460-62993-2
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	20			Dilution:	20
Analysis Date:	09/18/2013 1702			Analysis Date:	09/18/2013 1716
Prep Date:	09/16/2013 1305			Prep Date:	09/16/2013 1305
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)	3300	152	152	3510	4	3630	4

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181800

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-181800/1-A	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181800	Lab File ID:	GC2F5476.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 1453	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	79	50 - 105
Chlorobenzene	58	40 - 80

Lab Control Sample - Batch: 460-181800

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-181800/2-A	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181800	Lab File ID:	GC2F5477.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 1508	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	148	111	56 - 113	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	81	50 - 105
Chlorobenzene	70	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181800

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-62993-22	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181800	Lab File ID:	GC2F5411.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2013 2211			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-62993-22	Analysis Batch:	460-181947	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181800	Lab File ID:	GC2F5412.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2013 2226			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1438			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)	93	108	56 - 113	11	40		

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
o-Terphenyl	94		94		50 - 105
Chlorobenzene	83	X	90	X	40 - 80

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181800

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-62993-22	Units:	mg/Kg	MSD Lab Sample ID:	460-62993-22
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/18/2013 2211			Analysis Date:	09/18/2013 2226
Prep Date:	09/17/2013 1438			Prep Date:	09/17/2013 1438
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)	56	143	143	189	211

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181802

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-181802/1-A	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181802	Lab File ID:	GC2F5487.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 1734	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1445			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	81	50 - 105
Chlorobenzene	61	40 - 80

Lab Control Sample - Batch: 460-181802

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-181802/2-A	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181802	Lab File ID:	GC2F5488.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 1749	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1445			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	132	99	56 - 113	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	81	50 - 105
Chlorobenzene	66	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181802

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-62993-43	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181802	Lab File ID:	GC2F5489.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 1804			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1445			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-62993-43	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181802	Lab File ID:	GC2F5490.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 1818			Final Weight/Volume:	1 mL
Prep Date:	09/17/2013 1445			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)	70	95	56 - 113	26	40		

Surrogate	MS % Rec		MSD % Rec	Acceptance Limits
o-Terphenyl	56		94	50 - 105
Chlorobenzene	39	X	71	40 - 80

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181802

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-62993-43	Units:	mg/Kg	MSD Lab Sample ID:	460-62993-43
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/19/2013 1804			Analysis Date:	09/19/2013 1818
Prep Date:	09/17/2013 1445			Prep Date:	09/17/2013 1445
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Total Petroleum Hydrocarbons (C8-C40)	25	167	167	141	184

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-181994

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-181994/1-A	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181994	Lab File ID:	GC2F5452.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0801	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/18/2013 1253			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	78	50 - 105
Chlorobenzene	56	40 - 80

Lab Control Sample - Batch: 460-181994

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-181994/2-A	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181994	Lab File ID:	GC2F5453.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0853	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/18/2013 1253			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	148	111	56 - 113	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	80	50 - 105
Chlorobenzene	69	40 - 80

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181994

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-62993-15	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181994	Lab File ID:	GC2F5454.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0908			Final Weight/Volume:	1 mL
Prep Date:	09/18/2013 1253			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-62993-15	Analysis Batch:	460-182075	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181994	Lab File ID:	GC2F5455.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0922			Final Weight/Volume:	1 mL
Prep Date:	09/18/2013 1253			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)	76	79	56 - 113	5	40		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	71	72	50 - 105
Chlorobenzene	61	61	40 - 80

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181994

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-62993-15	Units:	mg/Kg	MSD Lab Sample ID:	460-62993-15
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/19/2013 0908			Analysis Date:	09/19/2013 0922
Prep Date:	09/18/2013 1253			Prep Date:	09/18/2013 1253
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)	5.7	U	142	142	108	113

Client: Antea USA, Inc. Job Number: 460-62993-1

Duplicate - Batch: 460-181604

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-62816-D-1 DU	Analysis Batch:	460-181604	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/16/2013 1700	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	17.5	17.0	2	20	
Percent Solids	82.5	83.0	0.5	20	

Client: Antea USA, Inc. Job Number: 460-62993-1

Duplicate - Batch: 460-181835

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-62993-8	Analysis Batch:	460-181835	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/17/2013 1652	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	3.6	3.6	0.9	20	
Percent Solids	96.4	96.4	0.03	20	

Client: Antea USA, Inc. Job Number: 460-62993-1

Duplicate - Batch: 460-181838

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-62993-43	Analysis Batch:	460-181838	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/17/2013 1713	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	17.9	17.9	0.3	20	
Percent Solids	82.1	82.1	0.06	20	

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-182049

Method: SM 4500 Cl- B
Preparation: N/A

Lab Sample ID:	MB 460-182049/1	Analysis Batch:	460-182049	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/17/2013 1600	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride	0.84	U	0.84	5.0

LCS-Certified Reference Material - Batch: 460-182049

Method: SM 4500 Cl- B
Preparation: N/A

Lab Sample ID:	LCSSRM 460-182049/2	Analysis Batch:	460-182049	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/17/2013 1600	Units:	mg/L	Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	57.5	57.00	99.1	90.1 - 109.9	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182049

Method: SM 4500 Cl- B
Preparation: N/A

MS Lab Sample ID:	460-62915-B-2 MS	Analysis Batch:	460-182049	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/17/2013 1600			Final Weight/Volume:	100 mL
Prep Date:	N/A				
Leach Date:	N/A				

MSD Lab Sample ID:	460-62915-B-2 MSD	Analysis Batch:	460-182049	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/17/2013 1600			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	100	100	90 - 110	0	10		

Client: Antea USA, Inc.

Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182049

Method: SM 4500 Cl- B
Preparation: N/A

MS Lab Sample ID:	460-62915-B-2 MS	Units: mg/L	
Client Matrix:	Water		
Dilution:	1.0		
Analysis Date:	09/17/2013 1600		
Prep Date:	N/A		
Leach Date:	N/A		

MSD Lab Sample ID:	460-62915-B-2 MSD
Client Matrix:	Water
Dilution:	1.0
Analysis Date:	09/17/2013 1600
Prep Date:	N/A
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride	3.5	J	25.0	25.0	28.50	28.50

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-182249/93	Analysis Batch:	460-182249	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091913A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/19/2013 1620	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	2.9	U	2.9	5.0

TCLP SPLPE Leachate Blank - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-181844/1-A	Analysis Batch:	460-182249	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091913A.xls
Dilution:	1.0	Leach Batch:	460-181844	Initial Weight/Volume:	
Analysis Date:	09/19/2013 1620	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	09/17/2013 1500				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

TCLP SPLPE Leachate Blank - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-182048/1-A	Analysis Batch:	460-182249	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091913A.xls
Dilution:	1.0	Leach Batch:	460-182048	Initial Weight/Volume:	
Analysis Date:	09/19/2013 1620	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	09/18/2013 1718				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-182249/113	Analysis Batch:	460-182249	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091913A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/19/2013 1633	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	2.9	U	2.9	5.0

TCLP SPLPE Leachate Blank - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-182048/1-A	Analysis Batch:	460-182249	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091913A.xls
Dilution:	1.0	Leach Batch:	460-182048	Initial Weight/Volume:	
Analysis Date:	09/19/2013 1633	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	09/18/2013 1718				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

Client: Antea USA, Inc. Job Number: 460-62993-1

LCS-Certified Reference Material - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LCSSRM 460-182249/94	Analysis Batch:	460-182249	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091913A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/19/2013 1620	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 Leach	71.1	68.87	96.9	90.2 - 110.0	

LCS-Certified Reference Material - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LCSSRM 460-182249/114	Analysis Batch:	460-182249	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091913A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/19/2013 1633	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 Leach	71.1	68.84	96.8	90.2 - 110.0	

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62968-A-37-B MS	Analysis Batch:	460-182249	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091913A.xls
Dilution:	1.0	Leach Batch:	460-181844	Initial Weight/Volume:	
Analysis Date:	09/19/2013 1624			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/17/2013 1500				

MSD Lab Sample ID:	460-62968-A-37-B MSD	Analysis Batch:	460-182249	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091913A.xls
Dilution:	1.0	Leach Batch:	460-181844	Initial Weight/Volume:	
Analysis Date:	09/19/2013 1624			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/17/2013 1500				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM Leach	103	104	90 - 110	0	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62993-5	Analysis Batch:	460-182249	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091913A.xls
Dilution:	1.0	Leach Batch:	460-182048	Initial Weight/Volume:	
Analysis Date:	09/19/2013 1636			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/18/2013 1719				

MSD Lab Sample ID:	460-62993-5	Analysis Batch:	460-182249	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091913A.xls
Dilution:	1.0	Leach Batch:	460-182048	Initial Weight/Volume:	
Analysis Date:	09/19/2013 1636			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/18/2013 1719				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM Leach	100	101	90 - 110	1	10		

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62968-A-37-B MS	Units:	mg/Kg	MSD Lab Sample ID:	460-62968-A-37-B MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/19/2013 1624			Analysis Date:	09/19/2013 1624
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	09/17/2013 1500			Leach Date:	09/17/2013 1500

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM Leach	58.1	U	999	999	1031	1035

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62993-5	Units:	mg/Kg	MSD Lab Sample ID:	460-62993-5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/19/2013 1636			Analysis Date:	09/19/2013 1636
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	09/18/2013 1719			Leach Date:	09/18/2013 1719

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM Leach	58.2	U	999	999	1001	1012

Method Blank - Batch: 460-182365

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-182365/27	Analysis Batch:	460-182365	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092013.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/20/2013 0948	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	2.9	U	2.9	5.0

TCLP SPLPE Leachate Blank - Batch: 460-182365

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-182048/1-A	Analysis Batch:	460-182365	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092013.xls
Dilution:	1.0	Leach Batch:	460-182048	Initial Weight/Volume:	
Analysis Date:	09/20/2013 0948	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	09/18/2013 1718				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

TCLP SPLPE Leachate Blank - Batch: 460-182365

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-182050/1-A	Analysis Batch:	460-182365	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092013.xls
Dilution:	1.0	Leach Batch:	460-182050	Initial Weight/Volume:	
Analysis Date:	09/20/2013 0948	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	09/18/2013 1720				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

Client: Antea USA, Inc. Job Number: 460-62993-1

Method Blank - Batch: 460-182365

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-182365/47	Analysis Batch:	460-182365	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092013.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/20/2013 1001	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	2.9	U	2.9	5.0

TCLP SPLPE Leachate Blank - Batch: 460-182365

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-182050/1-A	Analysis Batch:	460-182365	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092013.xls
Dilution:	1.0	Leach Batch:	460-182050	Initial Weight/Volume:	
Analysis Date:	09/20/2013 1001	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	09/18/2013 1720				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

Method Blank - Batch: 460-182365

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-182365/65	Analysis Batch:	460-182365	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092013.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/20/2013 1008	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	2.9	U	2.9	5.0

Client: Antea USA, Inc. Job Number: 460-62993-1

TCLP SPLPE Leachate Blank - Batch: 460-182365

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-182050/1-A	Analysis Batch:	460-182365	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092013.xls
Dilution:	1.0	Leach Batch:	460-182050	Initial Weight/Volume:	
Analysis Date:	09/20/2013 1010	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	09/18/2013 1720				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

Method Blank - Batch: 460-182365

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-182365/83	Analysis Batch:	460-182365	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092013.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/20/2013 1016	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	2.9	U	2.9	5.0

TCLP SPLPE Leachate Blank - Batch: 460-182365

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-182052/1-A	Analysis Batch:	460-182365	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092013.xls
Dilution:	1.0	Leach Batch:	460-182052	Initial Weight/Volume:	
Analysis Date:	09/20/2013 1018	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	09/18/2013 1723				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

Client: Antea USA, Inc. Job Number: 460-62993-1

LCS-Certified Reference Material - Batch: 460-182365 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LCSSRM 460-182365/28	Analysis Batch:	460-182365	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092013.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/20/2013 0948	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 Leach	47.3	44.08	93.2	90.1 - 109.9	

LCS-Certified Reference Material - Batch: 460-182365 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LCSSRM 460-182365/48	Analysis Batch:	460-182365	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092013.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/20/2013 1001	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 Leach	47.3	44.68	94.5	90.1 - 109.9	

LCS-Certified Reference Material - Batch: 460-182365 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LCSSRM 460-182365/66	Analysis Batch:	460-182365	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092013.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/20/2013 1008	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 Leach	47.3	45.73	96.7	90.1 - 109.9	

LCS-Certified Reference Material - Batch: 460-182365 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LCSSRM 460-182365/84	Analysis Batch:	460-182365	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092013.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/20/2013 1016	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 Leach	47.3	46.14	97.6	90.1 - 109.9	

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182365

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62993-19	Analysis Batch:	460-182365	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092013.xls
Dilution:	1.0	Leach Batch:	460-182048	Initial Weight/Volume:	
Analysis Date:	09/20/2013 0952			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/18/2013 1719				

MSD Lab Sample ID:	460-62993-19	Analysis Batch:	460-182365	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092013.xls
Dilution:	1.0	Leach Batch:	460-182048	Initial Weight/Volume:	
Analysis Date:	09/20/2013 0952			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/18/2013 1719				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM Leach	101	101	90 - 110	0	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182365

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62993-22	Analysis Batch:	460-182365	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092013.xls
Dilution:	1.0	Leach Batch:	460-182050	Initial Weight/Volume:	
Analysis Date:	09/20/2013 1004			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/18/2013 1720				

MSD Lab Sample ID:	460-62993-22	Analysis Batch:	460-182365	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092013.xls
Dilution:	1.0	Leach Batch:	460-182050	Initial Weight/Volume:	
Analysis Date:	09/20/2013 1004			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/18/2013 1720				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM Leach	99	99	90 - 110	0	10		

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182365

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62993-31	Analysis Batch:	460-182365	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092013.xls
Dilution:	1.0	Leach Batch:	460-182050	Initial Weight/Volume:	
Analysis Date:	09/20/2013 1013			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/18/2013 1720				

MSD Lab Sample ID:	460-62993-31	Analysis Batch:	460-182365	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092013.xls
Dilution:	1.0	Leach Batch:	460-182050	Initial Weight/Volume:	
Analysis Date:	09/20/2013 1013			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/18/2013 1720				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM Leach	100	101	90 - 110	1	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182365

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62993-40	Analysis Batch:	460-182365	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092013.xls
Dilution:	1.0	Leach Batch:	460-182052	Initial Weight/Volume:	
Analysis Date:	09/20/2013 1022			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/18/2013 1723				

MSD Lab Sample ID:	460-62993-40	Analysis Batch:	460-182365	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL092013.xls
Dilution:	1.0	Leach Batch:	460-182052	Initial Weight/Volume:	
Analysis Date:	09/20/2013 1022			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/18/2013 1723				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM Leach	98	100	90 - 110	3	10		

Client: Antea USA, Inc. Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182365

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62993-19	Units:	mg/Kg	MSD Lab Sample ID:	460-62993-19
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/20/2013 0952			Analysis Date:	09/20/2013 0952
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	09/18/2013 1719			Leach Date:	09/18/2013 1719

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM Leach	58.1	U	999	999	1009	1011

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182365

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62993-22	Units:	mg/Kg	MSD Lab Sample ID:	460-62993-22
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/20/2013 1004			Analysis Date:	09/20/2013 1004
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	09/18/2013 1720			Leach Date:	09/18/2013 1720

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM Leach	58.1	U	998	998	990.0	990.2

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182365

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62993-31	Units:	mg/Kg	MSD Lab Sample ID:	460-62993-31
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/20/2013 1013			Analysis Date:	09/20/2013 1013
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	09/18/2013 1720			Leach Date:	09/18/2013 1720

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM Leach	58.2	U	999	999	1000	1013

Client: Antea USA, Inc.

Job Number: 460-62993-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182365

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62993-40	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	09/20/2013 1022		
Prep Date:	N/A		
Leach Date:	09/18/2013 1723		

MSD Lab Sample ID:	460-62993-40
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	09/20/2013 1022
Prep Date:	N/A
Leach Date:	09/18/2013 1723

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM Leach	58.1	U	998	998	976.7	1002

DATA REPORTING QUALIFIERS

Client: Antea USA, Inc. Job Number: 460-62993-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
	N	This flag indicates the presumptive evidence of a compound.
GC/MS Semi VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	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.
	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: 460-62993-1

Lab Section	Qualifier	Description
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	F	MS/MSD Recovery or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	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.

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-181329					
460-62968-A-6-A MS	Matrix Spike	T	Solid	5035	
460-62968-A-6-A MSD	Matrix Spike Duplicate	T	Solid	5035	
Prep Batch: 460-181346					
460-62993-2	PMP-6SE-WT	T	Solid	5035	
460-62993-3	PMP-6SE-SI	T	Solid	5035	
460-62993-5	PMP-5SE-WT	T	Solid	5035	
460-62993-6	PMP-5SE-SI	T	Solid	5035	
460-62993-19	PMP-7SE-VD	T	Solid	5035	
460-62993-20	PMP-7SE-WT	T	Solid	5035	
460-62993-21	PMP-7SE-SI	T	Solid	5035	
460-62993-28	PMP-13SE-SI	T	Solid	5035	
Prep Batch: 460-181352					
460-62993-1	PMP-6SE-VD	T	Solid	5035	
460-62993-4	PMP-5SE-VD	T	Solid	5035	
460-62993-7	PMP-8SE-VS	T	Solid	5035	
460-62993-8	PMP-8SE-VD	T	Solid	5035	
460-62993-9	PMP-8SE-WT	T	Solid	5035	
460-62993-10	PMP-4SE-VS	T	Solid	5035	
460-62993-11	PMP-4SE-VD	T	Solid	5035	
460-62993-12	PMP-4SE-WT	T	Solid	5035	
460-62993-13	PMP-14SE-VS	T	Solid	5035	
460-62993-14	PMP-14SE-VD	T	Solid	5035	
460-62993-15	PMP-14SE-WT	T	Solid	5035	
460-62993-16	PMP-25SE-VS	T	Solid	5035	
460-62993-17	PMP-25SE-VD	T	Solid	5035	
460-62993-18	PMP-25SE-WT	T	Solid	5035	
460-62993-22	PMP-10SE-VD	T	Solid	5035	
460-62993-23	PMP-10SE-WT	T	Solid	5035	
460-62993-24	PMP-10SE-SI	T	Solid	5035	
460-62993-25	PMP-10SE-SD	T	Solid	5035	
460-62993-26	PMP-13SE-VD	T	Solid	5035	
460-62993-27	PMP-13SE-WT	T	Solid	5035	
460-62993-29	PMP-13SE-SD	T	Solid	5035	
460-62993-30	PMP-15SE-VD	T	Solid	5035	
460-62993-31	PMP-15SE-WT	T	Solid	5035	
460-62993-32	PMP-15SE-SI	T	Solid	5035	
460-62993-33	PMP-15SE-SD	T	Solid	5035	
460-62993-34	PMP-31SE-VS	T	Solid	5035	
460-62993-35	PMP-31SE-VD	T	Solid	5035	
460-62993-36	PMP-31SE-WT	T	Solid	5035	
460-62993-37	PMP-32SE-VS	T	Solid	5035	
460-62993-38	PMP-32SE-VD	T	Solid	5035	
460-62993-39	PMP-32SE-WT	T	Solid	5035	
460-62993-40FD	DUP-091313	T	Solid	5035	

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-181352					
460-62993-41FD	DUP1-091313	T	Solid	5035	
460-62993-42FD	DUP2-091313	T	Solid	5035	
460-62993-43FD	DUP3-091313	T	Solid	5035	
Analysis Batch:460-181583					
LCS 460-181583/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-181583/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-181583/6	Method Blank	T	Solid	8260B	
460-62993-1	PMP-6SE-VD	T	Solid	8260B	460-181352
460-62993-8	PMP-8SE-VD	T	Solid	8260B	460-181352
460-62993-9	PMP-8SE-WT	T	Solid	8260B	460-181352
460-62993-10	PMP-4SE-VS	T	Solid	8260B	460-181352
460-62993-11	PMP-4SE-VD	T	Solid	8260B	460-181352
460-62993-12	PMP-4SE-WT	T	Solid	8260B	460-181352
460-62993-13	PMP-14SE-VS	T	Solid	8260B	460-181352
460-62993-14	PMP-14SE-VD	T	Solid	8260B	460-181352
460-62993-15	PMP-14SE-WT	T	Solid	8260B	460-181352
460-62993-16	PMP-25SE-VS	T	Solid	8260B	460-181352
460-62993-17	PMP-25SE-VD	T	Solid	8260B	460-181352
460-62993-18	PMP-25SE-WT	T	Solid	8260B	460-181352
460-62993-22	PMP-10SE-VD	T	Solid	8260B	460-181352
460-62993-23	PMP-10SE-WT	T	Solid	8260B	460-181352
460-62993-24	PMP-10SE-SI	T	Solid	8260B	460-181352
460-62993-26	PMP-13SE-VD	T	Solid	8260B	460-181352
Analysis Batch:460-181663					
LCS 460-181663/4	Lab Control Sample	T	Solid	8260B	
LCSD 460-181663/5	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-181663/7	Method Blank	T	Solid	8260B	
460-62993-25	PMP-10SE-SD	T	Solid	8260B	460-181352
460-62993-27	PMP-13SE-WT	T	Solid	8260B	460-181352
460-62993-29	PMP-13SE-SD	T	Solid	8260B	460-181352
460-62993-30	PMP-15SE-VD	T	Solid	8260B	460-181352
460-62993-31	PMP-15SE-WT	T	Solid	8260B	460-181352
460-62993-32	PMP-15SE-SI	T	Solid	8260B	460-181352
460-62993-33	PMP-15SE-SD	T	Solid	8260B	460-181352
460-62993-35	PMP-31SE-VD	T	Solid	8260B	460-181352
460-62993-36	PMP-31SE-WT	T	Solid	8260B	460-181352
460-62993-37	PMP-32SE-VS	T	Solid	8260B	460-181352
460-62993-39	PMP-32SE-WT	T	Solid	8260B	460-181352

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-181697					
LCS 460-181697/5	Lab Control Sample	T	Water	8260B	
MB 460-181697/8	Method Blank	T	Water	8260B	
460-62772-C-2 MS	Matrix Spike	T	Water	8260B	
460-62772-C-2 MSD	Matrix Spike Duplicate	T	Water	8260B	
460-62993-44FB	FB-091313	T	Water	8260B	
Prep Batch: 460-181796					
460-62871-A-1-A MS	Matrix Spike	T	Solid	5035	
460-62871-A-1-A MSD	Matrix Spike Duplicate	T	Solid	5035	
Analysis Batch:460-181813					
LCS 460-181813/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-181813/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-181813/6	Method Blank	T	Solid	8260B	
460-62993-34	PMP-31SE-VS	T	Solid	8260B	460-181352
460-62993-38	PMP-32SE-VD	T	Solid	8260B	460-181352
460-62993-40FD	DUP-091313	T	Solid	8260B	460-181352
460-62993-42FD	DUP2-091313	T	Solid	8260B	460-181352
460-62993-43FD	DUP3-091313	T	Solid	8260B	460-181352
Analysis Batch:460-182095					
LCS 460-182095/5	Lab Control Sample	T	Solid	8260B	
MB 460-182095/8	Method Blank	T	Solid	8260B	
460-62968-A-6-A MS	Matrix Spike	T	Solid	8260B	460-181329
460-62968-A-6-A MSD	Matrix Spike Duplicate	T	Solid	8260B	460-181329
460-62993-3	PMP-6SE-SI	T	Solid	8260B	460-181346
460-62993-5	PMP-5SE-WT	T	Solid	8260B	460-181346
460-62993-6	PMP-5SE-SI	T	Solid	8260B	460-181346
460-62993-19	PMP-7SE-VD	T	Solid	8260B	460-181346
460-62993-20	PMP-7SE-WT	T	Solid	8260B	460-181346
Analysis Batch:460-182277					
LCS 460-182277/4	Lab Control Sample	T	Solid	8260B	
MB 460-182277/7	Method Blank	T	Solid	8260B	
460-62871-A-1-A MS	Matrix Spike	T	Solid	8260B	460-181796
460-62871-A-1-A MSD	Matrix Spike Duplicate	T	Solid	8260B	460-181796
460-62993-2	PMP-6SE-WT	T	Solid	8260B	460-181346
460-62993-21	PMP-7SE-SI	T	Solid	8260B	460-181346
460-62993-28	PMP-13SE-SI	T	Solid	8260B	460-181346

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-182287					
LCS 460-182287/4	Lab Control Sample	T	Solid	8260B	
LCSD 460-182287/5	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-182287/7	Method Blank	T	Solid	8260B	
460-62993-4	PMP-5SE-VD	T	Solid	8260B	460-181352
460-62993-7	PMP-8SE-VS	T	Solid	8260B	460-181352
460-62993-41FD	DUP1-091313	T	Solid	8260B	460-181352

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-181707					
LCS 460-181707/2-A	Lab Control Sample	T	Solid	3541	
MB 460-181707/1-A	Method Blank	T	Solid	3541	
460-62433-A-7-A MS	Matrix Spike	T	Solid	3541	
460-62433-A-7-B MSD	Matrix Spike Duplicate	T	Solid	3541	
460-62993-1	PMP-6SE-VD	T	Solid	3541	
460-62993-2	PMP-6SE-WT	T	Solid	3541	
460-62993-3	PMP-6SE-SI	T	Solid	3541	
460-62993-4	PMP-5SE-VD	T	Solid	3541	
460-62993-5	PMP-5SE-WT	T	Solid	3541	
460-62993-6	PMP-5SE-SI	T	Solid	3541	
460-62993-7	PMP-8SE-VS	T	Solid	3541	
460-62993-8	PMP-8SE-VD	T	Solid	3541	
460-62993-9	PMP-8SE-WT	T	Solid	3541	
460-62993-10	PMP-4SE-VS	T	Solid	3541	
Prep Batch: 460-181712					
LCS 460-181712/2-A	Lab Control Sample	T	Solid	3541	
MB 460-181712/1-A	Method Blank	T	Solid	3541	
460-62993-11	PMP-4SE-VD	T	Solid	3541	
460-62993-11MS	Matrix Spike	T	Solid	3541	
460-62993-11MSD	Matrix Spike Duplicate	T	Solid	3541	
460-62993-12	PMP-4SE-WT	T	Solid	3541	
460-62993-13	PMP-14SE-VS	T	Solid	3541	
460-62993-14	PMP-14SE-VD	T	Solid	3541	
460-62993-15	PMP-14SE-WT	T	Solid	3541	
460-62993-16	PMP-25SE-VS	T	Solid	3541	
460-62993-17	PMP-25SE-VD	T	Solid	3541	
460-62993-18	PMP-25SE-WT	T	Solid	3541	
460-62993-19DL	PMP-7SE-VD	T	Solid	3541	
460-62993-20	PMP-7SE-WT	T	Solid	3541	
460-62993-22	PMP-10SE-VD	T	Solid	3541	
460-62993-23	PMP-10SE-WT	T	Solid	3541	
460-62993-24	PMP-10SE-SI	T	Solid	3541	
460-62993-25	PMP-10SE-SD	T	Solid	3541	
460-62993-26	PMP-13SE-VD	T	Solid	3541	
460-62993-27DL	PMP-13SE-WT	T	Solid	3541	
460-62993-28	PMP-13SE-SI	T	Solid	3541	
460-62993-29	PMP-13SE-SD	T	Solid	3541	
460-62993-31	PMP-15SE-WT	T	Solid	3541	

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-181718					
LCS 460-181718/2-A	Lab Control Sample	T	Solid	3541	
MB 460-181718/1-A	Method Blank	T	Solid	3541	
460-62993-30	PMP-15SE-VD	T	Solid	3541	
460-62993-30MS	Matrix Spike	T	Solid	3541	
460-62993-30MSD	Matrix Spike Duplicate	T	Solid	3541	
460-62993-32	PMP-15SE-SI	T	Solid	3541	
460-62993-33	PMP-15SE-SD	T	Solid	3541	
460-62993-34	PMP-31SE-VS	T	Solid	3541	
460-62993-35	PMP-31SE-VD	T	Solid	3541	
460-62993-36	PMP-31SE-WT	T	Solid	3541	
460-62993-37	PMP-32SE-VS	T	Solid	3541	
460-62993-38	PMP-32SE-VD	T	Solid	3541	
460-62993-39	PMP-32SE-WT	T	Solid	3541	
460-62993-40FD	DUP-091313	T	Solid	3541	
460-62993-41FD	DUP1-091313	T	Solid	3541	
460-62993-42FD	DUP2-091313	T	Solid	3541	
460-62993-43FD	DUP3-091313	T	Solid	3541	
Prep Batch: 460-181730					
LCS 460-181730/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-181730/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-181730/1-A	Method Blank	T	Water	3510C	
460-62993-44FB	FB-091313	T	Water	3510C	
Analysis Batch:460-181879					
MB 460-181730/1-A	Method Blank	T	Water	8270C	460-181730
Analysis Batch:460-181988					
LCS 460-181707/2-A	Lab Control Sample	T	Solid	8270C	460-181707
MB 460-181707/1-A	Method Blank	T	Solid	8270C	460-181707
LCS 460-181718/2-A	Lab Control Sample	T	Solid	8270C	460-181718
MB 460-181718/1-A	Method Blank	T	Solid	8270C	460-181718
Analysis Batch:460-182022					
LCS 460-181730/2-A	Lab Control Sample	T	Water	8270C	460-181730

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-182161					
LCS 460-181712/2-A	Lab Control Sample	T	Solid	8270C	460-181712
MB 460-181712/1-A	Method Blank	T	Solid	8270C	460-181712
460-62993-11	PMP-4SE-VD	T	Solid	8270C	460-181712
460-62993-11MS	Matrix Spike	T	Solid	8270C	460-181712
460-62993-11MSD	Matrix Spike Duplicate	T	Solid	8270C	460-181712
460-62993-12	PMP-4SE-WT	T	Solid	8270C	460-181712
460-62993-13	PMP-14SE-VS	T	Solid	8270C	460-181712
460-62993-14	PMP-14SE-VD	T	Solid	8270C	460-181712
460-62993-15	PMP-14SE-WT	T	Solid	8270C	460-181712
460-62993-16	PMP-25SE-VS	T	Solid	8270C	460-181712
460-62993-17	PMP-25SE-VD	T	Solid	8270C	460-181712
460-62993-18	PMP-25SE-WT	T	Solid	8270C	460-181712
460-62993-23	PMP-10SE-WT	T	Solid	8270C	460-181712
460-62993-24	PMP-10SE-SI	T	Solid	8270C	460-181712
460-62993-25	PMP-10SE-SD	T	Solid	8270C	460-181712
460-62993-26	PMP-13SE-VD	T	Solid	8270C	460-181712
460-62993-28	PMP-13SE-SI	T	Solid	8270C	460-181712
460-62993-29	PMP-13SE-SD	T	Solid	8270C	460-181712
460-62993-31	PMP-15SE-WT	T	Solid	8270C	460-181712
Analysis Batch:460-182214					
460-62993-30	PMP-15SE-VD	T	Solid	8270C	460-181718
460-62993-30MS	Matrix Spike	T	Solid	8270C	460-181718
460-62993-30MSD	Matrix Spike Duplicate	T	Solid	8270C	460-181718
460-62993-32	PMP-15SE-SI	T	Solid	8270C	460-181718
460-62993-33	PMP-15SE-SD	T	Solid	8270C	460-181718
460-62993-34	PMP-31SE-VS	T	Solid	8270C	460-181718
460-62993-35	PMP-31SE-VD	T	Solid	8270C	460-181718
460-62993-36	PMP-31SE-WT	T	Solid	8270C	460-181718
460-62993-37	PMP-32SE-VS	T	Solid	8270C	460-181718
460-62993-39	PMP-32SE-WT	T	Solid	8270C	460-181718
460-62993-40FD	DUP-091313	T	Solid	8270C	460-181718
460-62993-41FD	DUP1-091313	T	Solid	8270C	460-181718
460-62993-42FD	DUP2-091313	T	Solid	8270C	460-181718
460-62993-43FD	DUP3-091313	T	Solid	8270C	460-181718
Analysis Batch:460-182282					
LCSD 460-181730/3-A	Lab Control Sample Duplicate	T	Water	8270C	460-181730
460-62993-44FB	FB-091313	T	Water	8270C	460-181730
Analysis Batch:460-182283					
460-62993-19DL	PMP-7SE-VD	T	Solid	8270C	460-181712
460-62993-20	PMP-7SE-WT	T	Solid	8270C	460-181712
460-62993-22	PMP-10SE-VD	T	Solid	8270C	460-181712
460-62993-27DL	PMP-13SE-WT	T	Solid	8270C	460-181712

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-182330					
LCS 460-182330/2-A	Lab Control Sample	T	Solid	3541	
MB 460-182330/1-A	Method Blank	T	Solid	3541	
460-62993-21	PMP-7SE-SI	T	Solid	3541	
460-63294-E-2-B MS	Matrix Spike	T	Solid	3541	
460-63294-E-2-C MSD	Matrix Spike Duplicate	T	Solid	3541	
Analysis Batch:460-182384					
460-62993-1	PMP-6SE-VD	T	Solid	8270C	460-181707
460-62993-2	PMP-6SE-WT	T	Solid	8270C	460-181707
460-62993-3	PMP-6SE-SI	T	Solid	8270C	460-181707
460-62993-4	PMP-5SE-VD	T	Solid	8270C	460-181707
460-62993-5	PMP-5SE-WT	T	Solid	8270C	460-181707
460-62993-6	PMP-5SE-SI	T	Solid	8270C	460-181707
460-62993-7	PMP-8SE-VS	T	Solid	8270C	460-181707
460-62993-8	PMP-8SE-VD	T	Solid	8270C	460-181707
460-62993-9	PMP-8SE-WT	T	Solid	8270C	460-181707
460-62993-10	PMP-4SE-VS	T	Solid	8270C	460-181707
460-62993-38	PMP-32SE-VD	T	Solid	8270C	460-181718
Analysis Batch:460-182394					
MB 460-182330/1-A	Method Blank	T	Solid	8270C	460-182330
Analysis Batch:460-182469					
460-62993-21	PMP-7SE-SI	T	Solid	8270C	460-182330
460-63294-E-2-B MS	Matrix Spike	T	Solid	8270C	460-182330
460-63294-E-2-C MSD	Matrix Spike Duplicate	T	Solid	8270C	460-182330
Analysis Batch:460-182639					
LCS 460-182330/2-A	Lab Control Sample	T	Solid	8270C	460-182330
Analysis Batch:460-182720					
460-62433-A-7-A MS	Matrix Spike	T	Solid	8270C	460-181707
460-62433-A-7-B MSD	Matrix Spike Duplicate	T	Solid	8270C	460-181707

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-181476					
LCS 460-181476/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-181476/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-181476/1-A	Method Blank	T	Water	3510C	
460-62993-44FB	FB-091313	T	Water	3510C	
Prep Batch: 460-181488					
LCS 460-181488/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-181488/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-181488/1-A	Method Blank	T	Water	3510C	
460-62993-44FB	FB-091313	T	Water	3510C	
Prep Batch: 460-181553					
LCS 460-181553/2-A	Lab Control Sample	T	Solid	3546	
MB 460-181553/1-A	Method Blank	T	Solid	3546	
460-62968-E-35-F MS	Matrix Spike	T	Solid	3546	
460-62968-E-35-G MSD	Matrix Spike Duplicate	T	Solid	3546	
460-62993-1	PMP-6SE-VD	T	Solid	3546	
Prep Batch: 460-181554					
LCS 460-181554/2-A	Lab Control Sample	T	Solid	3546	
MB 460-181554/1-A	Method Blank	T	Solid	3546	
460-62993-2	PMP-6SE-WT	T	Solid	3546	
460-62993-2MS	Matrix Spike	T	Solid	3546	
460-62993-2MSD	Matrix Spike Duplicate	T	Solid	3546	
460-62993-3	PMP-6SE-SI	T	Solid	3546	
460-62993-4	PMP-5SE-VD	T	Solid	3546	
460-62993-5	PMP-5SE-WT	T	Solid	3546	
460-62993-6	PMP-5SE-SI	T	Solid	3546	
460-62993-7	PMP-8SE-VS	T	Solid	3546	
460-62993-9	PMP-8SE-WT	T	Solid	3546	
460-62993-10	PMP-4SE-VS	T	Solid	3546	
460-62993-13	PMP-14SE-VS	T	Solid	3546	
460-62993-16	PMP-25SE-VS	T	Solid	3546	
460-62993-18	PMP-25SE-WT	T	Solid	3546	
460-62993-19	PMP-7SE-VD	T	Solid	3546	
460-62993-20	PMP-7SE-WT	T	Solid	3546	
460-62993-21	PMP-7SE-SI	T	Solid	3546	

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-181667					
LCS 460-181667/2-A	Lab Control Sample	T	Solid	3546	
MB 460-181667/1-A	Method Blank	T	Solid	3546	
460-62993-41FD	DUP1-091313	T	Solid	3546	
460-62993-42FD	DUP2-091313	T	Solid	3546	
460-62993-43FD	DUP3-091313	T	Solid	3546	
460-63014-A-1-H MS	Matrix Spike	T	Solid	3546	
460-63014-A-1-I MSD	Matrix Spike Duplicate	T	Solid	3546	
Prep Batch: 460-181668					
LCS 460-181668/2-A	Lab Control Sample	T	Solid	3546	
MB 460-181668/1-A	Method Blank	T	Solid	3546	
460-62993-1	PMP-6SE-VD	T	Solid	3546	
460-62993-1MS	Matrix Spike	T	Solid	3546	
460-62993-1MSD	Matrix Spike Duplicate	T	Solid	3546	
460-62993-2	PMP-6SE-WT	T	Solid	3546	
460-62993-3	PMP-6SE-SI	T	Solid	3546	
460-62993-4	PMP-5SE-VD	T	Solid	3546	
460-62993-5	PMP-5SE-WT	T	Solid	3546	
460-62993-6	PMP-5SE-SI	T	Solid	3546	
460-62993-7	PMP-8SE-VS	T	Solid	3546	
460-62993-8	PMP-8SE-VD	T	Solid	3546	
460-62993-9	PMP-8SE-WT	T	Solid	3546	
460-62993-10	PMP-4SE-VS	T	Solid	3546	
460-62993-11	PMP-4SE-VD	T	Solid	3546	
460-62993-12	PMP-4SE-WT	T	Solid	3546	
460-62993-13	PMP-14SE-VS	T	Solid	3546	
460-62993-14	PMP-14SE-VD	T	Solid	3546	
460-62993-15	PMP-14SE-WT	T	Solid	3546	
460-62993-16	PMP-25SE-VS	T	Solid	3546	
460-62993-17	PMP-25SE-VD	T	Solid	3546	
460-62993-18	PMP-25SE-WT	T	Solid	3546	
460-62993-19	PMP-7SE-VD	T	Solid	3546	
460-62993-20	PMP-7SE-WT	T	Solid	3546	

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-181669					
LCS 460-181669/2-A	Lab Control Sample	T	Solid	3546	
MB 460-181669/1-A	Method Blank	T	Solid	3546	
460-62993-21	PMP-7SE-SI	T	Solid	3546	
460-62993-21MS	Matrix Spike	T	Solid	3546	
460-62993-21MSD	Matrix Spike Duplicate	T	Solid	3546	
460-62993-22	PMP-10SE-VD	T	Solid	3546	
460-62993-23	PMP-10SE-WT	T	Solid	3546	
460-62993-24	PMP-10SE-SI	T	Solid	3546	
460-62993-25	PMP-10SE-SD	T	Solid	3546	
460-62993-26	PMP-13SE-VD	T	Solid	3546	
460-62993-27	PMP-13SE-WT	T	Solid	3546	
460-62993-28	PMP-13SE-SI	T	Solid	3546	
460-62993-29	PMP-13SE-SD	T	Solid	3546	
460-62993-30	PMP-15SE-VD	T	Solid	3546	
460-62993-31	PMP-15SE-WT	T	Solid	3546	
460-62993-32	PMP-15SE-SI	T	Solid	3546	
460-62993-33	PMP-15SE-SD	T	Solid	3546	
460-62993-34	PMP-31SE-VS	T	Solid	3546	
460-62993-35	PMP-31SE-VD	T	Solid	3546	
460-62993-36	PMP-31SE-WT	T	Solid	3546	
460-62993-37	PMP-32SE-VS	T	Solid	3546	
460-62993-38	PMP-32SE-VD	T	Solid	3546	
460-62993-39	PMP-32SE-WT	T	Solid	3546	
460-62993-40FD	DUP-091313	T	Solid	3546	
Analysis Batch:460-181694					
LCS 460-181476/2-A	Lab Control Sample	T	Water	NJ-OQA-QAM-025	460-181476
LCSD 460-181476/3-A	Lab Control Sample Duplicate	T	Water	NJ-OQA-QAM-025	460-181476
MB 460-181476/1-A	Method Blank	T	Water	NJ-OQA-QAM-025	460-181476
LCS 460-181553/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-025	460-181553
MB 460-181553/1-A	Method Blank	T	Solid	NJ-OQA-QAM-025	460-181553
LCS 460-181554/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-025	460-181554
MB 460-181554/1-A	Method Blank	T	Solid	NJ-OQA-QAM-025	460-181554
460-62968-E-35-F MS	Matrix Spike	T	Solid	NJ-OQA-QAM-025	460-181553
460-62968-E-35-G MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-025	460-181553
460-62993-1	PMP-6SE-VD	T	Solid	NJ-OQA-QAM-025	460-181553
460-62993-4	PMP-5SE-VD	T	Solid	NJ-OQA-QAM-025	460-181554
460-62993-44FB	FB-091313	T	Water	NJ-OQA-QAM-025	460-181476
Analysis Batch:460-181717					
LCS 460-181667/2-A	Lab Control Sample	T	Solid	8082	460-181667
MB 460-181667/1-A	Method Blank	T	Solid	8082	460-181667
460-63014-A-1-H MS	Matrix Spike	T	Solid	8082	460-181667
460-63014-A-1-I MSD	Matrix Spike Duplicate	T	Solid	8082	460-181667

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-181779					
460-62993-41FD	DUP1-091313	T	Solid	8082	460-181667
460-62993-42FD	DUP2-091313	T	Solid	8082	460-181667
460-62993-43FD	DUP3-091313	T	Solid	8082	460-181667
Analysis Batch:460-181786					
LCS 460-181668/2-A	Lab Control Sample	T	Solid	8082	460-181668
MB 460-181668/1-A	Method Blank	T	Solid	8082	460-181668
460-62993-1	PMP-6SE-VD	T	Solid	8082	460-181668
460-62993-1MS	Matrix Spike	T	Solid	8082	460-181668
460-62993-1MSD	Matrix Spike Duplicate	T	Solid	8082	460-181668
460-62993-4	PMP-5SE-VD	T	Solid	8082	460-181668
460-62993-8	PMP-8SE-VD	T	Solid	8082	460-181668
460-62993-9	PMP-8SE-WT	T	Solid	8082	460-181668
460-62993-11	PMP-4SE-VD	T	Solid	8082	460-181668
460-62993-12	PMP-4SE-WT	T	Solid	8082	460-181668
460-62993-13	PMP-14SE-VS	T	Solid	8082	460-181668
460-62993-14	PMP-14SE-VD	T	Solid	8082	460-181668
460-62993-15	PMP-14SE-WT	T	Solid	8082	460-181668
460-62993-16	PMP-25SE-VS	T	Solid	8082	460-181668
460-62993-17	PMP-25SE-VD	T	Solid	8082	460-181668
460-62993-18	PMP-25SE-WT	T	Solid	8082	460-181668

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-181800					
LCS 460-181800/2-A	Lab Control Sample	T	Solid	3546	
MB 460-181800/1-A	Method Blank	T	Solid	3546	
460-62993-22	PMP-10SE-VD	T	Solid	3546	
460-62993-22MS	Matrix Spike	T	Solid	3546	
460-62993-22MSD	Matrix Spike Duplicate	T	Solid	3546	
460-62993-23	PMP-10SE-WT	T	Solid	3546	
460-62993-24	PMP-10SE-SI	T	Solid	3546	
460-62993-25	PMP-10SE-SD	T	Solid	3546	
460-62993-26	PMP-13SE-VD	T	Solid	3546	
460-62993-27	PMP-13SE-WT	T	Solid	3546	
460-62993-28	PMP-13SE-SI	T	Solid	3546	
460-62993-29	PMP-13SE-SD	T	Solid	3546	
460-62993-30	PMP-15SE-VD	T	Solid	3546	
460-62993-31	PMP-15SE-WT	T	Solid	3546	
460-62993-32	PMP-15SE-SI	T	Solid	3546	
460-62993-33	PMP-15SE-SD	T	Solid	3546	
460-62993-34	PMP-31SE-VS	T	Solid	3546	
460-62993-35	PMP-31SE-VD	T	Solid	3546	
460-62993-36	PMP-31SE-WT	T	Solid	3546	
460-62993-37	PMP-32SE-VS	T	Solid	3546	
460-62993-38	PMP-32SE-VD	T	Solid	3546	
460-62993-39	PMP-32SE-WT	T	Solid	3546	
460-62993-40FD	DUP-091313	T	Solid	3546	
460-62993-41FD	DUP1-091313	T	Solid	3546	
Prep Batch: 460-181802					
LCS 460-181802/2-A	Lab Control Sample	T	Solid	3546	
MB 460-181802/1-A	Method Blank	T	Solid	3546	
460-62993-42FD	DUP2-091313	T	Solid	3546	
460-62993-43FD	DUP3-091313	T	Solid	3546	
460-62993-43MS	Matrix Spike	T	Solid	3546	
460-62993-43MSD	Matrix Spike Duplicate	T	Solid	3546	

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-181811					
LCS 460-181669/2-A	Lab Control Sample	T	Solid	8082	460-181669
MB 460-181669/1-A	Method Blank	T	Solid	8082	460-181669
460-62993-22	PMP-10SE-VD	T	Solid	8082	460-181669
460-62993-23	PMP-10SE-WT	T	Solid	8082	460-181669
460-62993-24	PMP-10SE-SI	T	Solid	8082	460-181669
460-62993-25	PMP-10SE-SD	T	Solid	8082	460-181669
460-62993-26	PMP-13SE-VD	T	Solid	8082	460-181669
460-62993-28	PMP-13SE-SI	T	Solid	8082	460-181669
460-62993-29	PMP-13SE-SD	T	Solid	8082	460-181669
460-62993-30	PMP-15SE-VD	T	Solid	8082	460-181669
460-62993-31	PMP-15SE-WT	T	Solid	8082	460-181669
460-62993-32	PMP-15SE-SI	T	Solid	8082	460-181669
460-62993-33	PMP-15SE-SD	T	Solid	8082	460-181669
460-62993-34	PMP-31SE-VS	T	Solid	8082	460-181669
460-62993-35	PMP-31SE-VD	T	Solid	8082	460-181669
460-62993-36	PMP-31SE-WT	T	Solid	8082	460-181669
460-62993-37	PMP-32SE-VS	T	Solid	8082	460-181669
460-62993-38	PMP-32SE-VD	T	Solid	8082	460-181669
460-62993-39	PMP-32SE-WT	T	Solid	8082	460-181669
460-62993-40FD	DUP-091313	T	Solid	8082	460-181669
Analysis Batch:460-181943					
460-62993-2	PMP-6SE-WT	T	Solid	8082	460-181668
460-62993-3	PMP-6SE-SI	T	Solid	8082	460-181668
460-62993-5	PMP-5SE-WT	T	Solid	8082	460-181668
460-62993-6	PMP-5SE-SI	T	Solid	8082	460-181668
460-62993-7	PMP-8SE-VS	T	Solid	8082	460-181668
460-62993-10	PMP-4SE-VS	T	Solid	8082	460-181668
460-62993-19	PMP-7SE-VD	T	Solid	8082	460-181668
460-62993-20	PMP-7SE-WT	T	Solid	8082	460-181668
460-62993-21	PMP-7SE-SI	T	Solid	8082	460-181669
460-62993-21MS	Matrix Spike	T	Solid	8082	460-181669
460-62993-21MSD	Matrix Spike Duplicate	T	Solid	8082	460-181669
460-62993-27	PMP-13SE-WT	T	Solid	8082	460-181669

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-181947					
460-62993-2	PMP-6SE-WT	T	Solid	NJ-OQA-QAM-025	460-181554
460-62993-2MS	Matrix Spike	T	Solid	NJ-OQA-QAM-025	460-181554
460-62993-2MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-025	460-181554
460-62993-3	PMP-6SE-SI	T	Solid	NJ-OQA-QAM-025	460-181554
460-62993-5	PMP-5SE-WT	T	Solid	NJ-OQA-QAM-025	460-181554
460-62993-6	PMP-5SE-SI	T	Solid	NJ-OQA-QAM-025	460-181554
460-62993-7	PMP-8SE-VS	T	Solid	NJ-OQA-QAM-025	460-181554
460-62993-9	PMP-8SE-WT	T	Solid	NJ-OQA-QAM-025	460-181554
460-62993-10	PMP-4SE-VS	T	Solid	NJ-OQA-QAM-025	460-181554
460-62993-13	PMP-14SE-VS	T	Solid	NJ-OQA-QAM-025	460-181554
460-62993-16	PMP-25SE-VS	T	Solid	NJ-OQA-QAM-025	460-181554
460-62993-18	PMP-25SE-WT	T	Solid	NJ-OQA-QAM-025	460-181554
460-62993-19	PMP-7SE-VD	T	Solid	NJ-OQA-QAM-025	460-181554
460-62993-20	PMP-7SE-WT	T	Solid	NJ-OQA-QAM-025	460-181554
460-62993-21	PMP-7SE-SI	T	Solid	NJ-OQA-QAM-025	460-181554
460-62993-22	PMP-10SE-VD	T	Solid	NJ-OQA-QAM-025	460-181800
460-62993-22MS	Matrix Spike	T	Solid	NJ-OQA-QAM-025	460-181800
460-62993-22MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-025	460-181800
460-62993-23	PMP-10SE-WT	T	Solid	NJ-OQA-QAM-025	460-181800
460-62993-24	PMP-10SE-SI	T	Solid	NJ-OQA-QAM-025	460-181800
460-62993-25	PMP-10SE-SD	T	Solid	NJ-OQA-QAM-025	460-181800
460-62993-26	PMP-13SE-VD	T	Solid	NJ-OQA-QAM-025	460-181800
460-62993-29	PMP-13SE-SD	T	Solid	NJ-OQA-QAM-025	460-181800
460-62993-30	PMP-15SE-VD	T	Solid	NJ-OQA-QAM-025	460-181800
460-62993-31	PMP-15SE-WT	T	Solid	NJ-OQA-QAM-025	460-181800
460-62993-34	PMP-31SE-VS	T	Solid	NJ-OQA-QAM-025	460-181800
460-62993-35	PMP-31SE-VD	T	Solid	NJ-OQA-QAM-025	460-181800
460-62993-39	PMP-32SE-WT	T	Solid	NJ-OQA-QAM-025	460-181800
460-62993-40FD	DUP-091313	T	Solid	NJ-OQA-QAM-025	460-181800
460-62993-41FD	DUP1-091313	T	Solid	NJ-OQA-QAM-025	460-181800
Analysis Batch:460-181958					
LCS 460-181488/2-A	Lab Control Sample	T	Water	8082	460-181488
LCSD 460-181488/3-A	Lab Control Sample Duplicate	T	Water	8082	460-181488
MB 460-181488/1-A	Method Blank	T	Water	8082	460-181488
460-62993-44FB	FB-091313	T	Water	8082	460-181488

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-181994					
LCS 460-181994/2-A	Lab Control Sample	T	Solid	3546	
MB 460-181994/1-A	Method Blank	T	Solid	3546	
460-62993-8	PMP-8SE-VD	T	Solid	3546	
460-62993-11	PMP-4SE-VD	T	Solid	3546	
460-62993-12	PMP-4SE-WT	T	Solid	3546	
460-62993-14	PMP-14SE-VD	T	Solid	3546	
460-62993-15	PMP-14SE-WT	T	Solid	3546	
460-62993-15MS	Matrix Spike	T	Solid	3546	
460-62993-15MSD	Matrix Spike Duplicate	T	Solid	3546	
460-62993-17	PMP-25SE-VD	T	Solid	3546	
Analysis Batch:460-182075					
LCS 460-181800/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-025	460-181800
MB 460-181800/1-A	Method Blank	T	Solid	NJ-OQA-QAM-025	460-181800
LCS 460-181802/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-025	460-181802
MB 460-181802/1-A	Method Blank	T	Solid	NJ-OQA-QAM-025	460-181802
LCS 460-181994/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-025	460-181994
MB 460-181994/1-A	Method Blank	T	Solid	NJ-OQA-QAM-025	460-181994
460-62993-8	PMP-8SE-VD	T	Solid	NJ-OQA-QAM-025	460-181994
460-62993-11	PMP-4SE-VD	T	Solid	NJ-OQA-QAM-025	460-181994
460-62993-12	PMP-4SE-WT	T	Solid	NJ-OQA-QAM-025	460-181994
460-62993-14	PMP-14SE-VD	T	Solid	NJ-OQA-QAM-025	460-181994
460-62993-15	PMP-14SE-WT	T	Solid	NJ-OQA-QAM-025	460-181994
460-62993-15MS	Matrix Spike	T	Solid	NJ-OQA-QAM-025	460-181994
460-62993-15MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-025	460-181994
460-62993-17	PMP-25SE-VD	T	Solid	NJ-OQA-QAM-025	460-181994
460-62993-27	PMP-13SE-WT	T	Solid	NJ-OQA-QAM-025	460-181800
460-62993-28	PMP-13SE-SI	T	Solid	NJ-OQA-QAM-025	460-181800
460-62993-32	PMP-15SE-SI	T	Solid	NJ-OQA-QAM-025	460-181800
460-62993-33	PMP-15SE-SD	T	Solid	NJ-OQA-QAM-025	460-181800
460-62993-36	PMP-31SE-WT	T	Solid	NJ-OQA-QAM-025	460-181800
460-62993-37	PMP-32SE-VS	T	Solid	NJ-OQA-QAM-025	460-181800
460-62993-38	PMP-32SE-VD	T	Solid	NJ-OQA-QAM-025	460-181800
460-62993-42FD	DUP2-091313	T	Solid	NJ-OQA-QAM-025	460-181802
460-62993-43FD	DUP3-091313	T	Solid	NJ-OQA-QAM-025	460-181802
460-62993-43MS	Matrix Spike	T	Solid	NJ-OQA-QAM-025	460-181802
460-62993-43MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-025	460-181802

Report Basis

T = Total

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-181604					
460-62816-D-1 DU	Duplicate	T	Solid	Moisture	
460-62993-24	PMP-10SE-SI	T	Solid	Moisture	
460-62993-25	PMP-10SE-SD	T	Solid	Moisture	
460-62993-26	PMP-13SE-VD	T	Solid	Moisture	
460-62993-27	PMP-13SE-WT	T	Solid	Moisture	
460-62993-28	PMP-13SE-SI	T	Solid	Moisture	
460-62993-29	PMP-13SE-SD	T	Solid	Moisture	
460-62993-30	PMP-15SE-VD	T	Solid	Moisture	
460-62993-31	PMP-15SE-WT	T	Solid	Moisture	
460-62993-32	PMP-15SE-SI	T	Solid	Moisture	
460-62993-33	PMP-15SE-SD	T	Solid	Moisture	
460-62993-34	PMP-31SE-VS	T	Solid	Moisture	
460-62993-35	PMP-31SE-VD	T	Solid	Moisture	
460-62993-36	PMP-31SE-WT	T	Solid	Moisture	
460-62993-37	PMP-32SE-VS	T	Solid	Moisture	
460-62993-38	PMP-32SE-VD	T	Solid	Moisture	
460-62993-39	PMP-32SE-WT	T	Solid	Moisture	
Analysis Batch:460-181835					
460-62993-1	PMP-6SE-VD	T	Solid	Moisture	
460-62993-2	PMP-6SE-WT	T	Solid	Moisture	
460-62993-3	PMP-6SE-SI	T	Solid	Moisture	
460-62993-4	PMP-5SE-VD	T	Solid	Moisture	
460-62993-5	PMP-5SE-WT	T	Solid	Moisture	
460-62993-6	PMP-5SE-SI	T	Solid	Moisture	
460-62993-7	PMP-8SE-VS	T	Solid	Moisture	
460-62993-8	PMP-8SE-VD	T	Solid	Moisture	
460-62993-8DU	Duplicate	T	Solid	Moisture	

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-181838					
460-62993-9	PMP-8SE-WT	T	Solid	Moisture	
460-62993-10	PMP-4SE-VS	T	Solid	Moisture	
460-62993-11	PMP-4SE-VD	T	Solid	Moisture	
460-62993-12	PMP-4SE-WT	T	Solid	Moisture	
460-62993-13	PMP-14SE-VS	T	Solid	Moisture	
460-62993-14	PMP-14SE-VD	T	Solid	Moisture	
460-62993-15	PMP-14SE-WT	T	Solid	Moisture	
460-62993-16	PMP-25SE-VS	T	Solid	Moisture	
460-62993-17	PMP-25SE-VD	T	Solid	Moisture	
460-62993-18	PMP-25SE-WT	T	Solid	Moisture	
460-62993-19	PMP-7SE-VD	T	Solid	Moisture	
460-62993-20	PMP-7SE-WT	T	Solid	Moisture	
460-62993-21	PMP-7SE-SI	T	Solid	Moisture	
460-62993-22	PMP-10SE-VD	T	Solid	Moisture	
460-62993-23	PMP-10SE-WT	T	Solid	Moisture	
460-62993-40FD	DUP-091313	T	Solid	Moisture	
460-62993-41FD	DUP1-091313	T	Solid	Moisture	
460-62993-42FD	DUP2-091313	T	Solid	Moisture	
460-62993-43FD	DUP3-091313	T	Solid	Moisture	
460-62993-43DU	Duplicate	T	Solid	Moisture	
Prep Batch: 460-181844					
LB 460-181844/1-A	TCLP SPLPE Leachate Blank	Y	Solid	D3987-85	
460-62968-A-37-B MS	Matrix Spike	Y	Solid	D3987-85	
460-62968-A-37-B MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 460-182048					
LB 460-182048/1-A	TCLP SPLPE Leachate Blank	Y	Solid	D3987-85	
460-62993-1	PMP-6SE-VD	Y	Solid	D3987-85	
460-62993-2	PMP-6SE-WT	Y	Solid	D3987-85	
460-62993-3	PMP-6SE-SI	Y	Solid	D3987-85	
460-62993-4	PMP-5SE-VD	Y	Solid	D3987-85	
460-62993-5	PMP-5SE-WT	Y	Solid	D3987-85	
460-62993-5MS	Matrix Spike	Y	Solid	D3987-85	
460-62993-5MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-62993-6	PMP-5SE-SI	Y	Solid	D3987-85	
460-62993-7	PMP-8SE-VS	Y	Solid	D3987-85	
460-62993-8	PMP-8SE-VD	Y	Solid	D3987-85	
460-62993-9	PMP-8SE-WT	Y	Solid	D3987-85	
460-62993-10	PMP-4SE-VS	Y	Solid	D3987-85	
460-62993-11	PMP-4SE-VD	Y	Solid	D3987-85	
460-62993-12	PMP-4SE-WT	Y	Solid	D3987-85	
460-62993-13	PMP-14SE-VS	Y	Solid	D3987-85	
460-62993-14	PMP-14SE-VD	Y	Solid	D3987-85	
460-62993-15	PMP-14SE-WT	Y	Solid	D3987-85	
460-62993-16	PMP-25SE-VS	Y	Solid	D3987-85	
460-62993-17	PMP-25SE-VD	Y	Solid	D3987-85	
460-62993-18	PMP-25SE-WT	Y	Solid	D3987-85	
460-62993-19	PMP-7SE-VD	Y	Solid	D3987-85	
460-62993-19MS	Matrix Spike	Y	Solid	D3987-85	
460-62993-19MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
Analysis Batch:460-182049					
LCSSRM 460-182049/2	LCS-Certified Reference Material	T	Water	SM 4500 Cl- B	
MB 460-182049/1	Method Blank	T	Water	SM 4500 Cl- B	
460-62915-B-2 MS	Matrix Spike	T	Water	SM 4500 Cl- B	
460-62915-B-2 MSD	Matrix Spike Duplicate	T	Water	SM 4500 Cl- B	
460-62993-44FB	FB-091313	T	Water	SM 4500 Cl- B	

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 460-182050					
LB 460-182050/1-A	TCLP SPLPE Leachate Blank	Y	Solid	D3987-85	
460-62993-20	PMP-7SE-WT	Y	Solid	D3987-85	
460-62993-21	PMP-7SE-SI	Y	Solid	D3987-85	
460-62993-22	PMP-10SE-VD	Y	Solid	D3987-85	
460-62993-22MS	Matrix Spike	Y	Solid	D3987-85	
460-62993-22MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-62993-23	PMP-10SE-WT	Y	Solid	D3987-85	
460-62993-24	PMP-10SE-SI	Y	Solid	D3987-85	
460-62993-25	PMP-10SE-SD	Y	Solid	D3987-85	
460-62993-26	PMP-13SE-VD	Y	Solid	D3987-85	
460-62993-27	PMP-13SE-WT	Y	Solid	D3987-85	
460-62993-28	PMP-13SE-SI	Y	Solid	D3987-85	
460-62993-29	PMP-13SE-SD	Y	Solid	D3987-85	
460-62993-30	PMP-15SE-VD	Y	Solid	D3987-85	
460-62993-31	PMP-15SE-WT	Y	Solid	D3987-85	
460-62993-31MS	Matrix Spike	Y	Solid	D3987-85	
460-62993-31MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-62993-32	PMP-15SE-SI	Y	Solid	D3987-85	
460-62993-33	PMP-15SE-SD	Y	Solid	D3987-85	
460-62993-34	PMP-31SE-VS	Y	Solid	D3987-85	
460-62993-35	PMP-31SE-VD	Y	Solid	D3987-85	
460-62993-36	PMP-31SE-WT	Y	Solid	D3987-85	
460-62993-37	PMP-32SE-VS	Y	Solid	D3987-85	
460-62993-38	PMP-32SE-VD	Y	Solid	D3987-85	
460-62993-39	PMP-32SE-WT	Y	Solid	D3987-85	
Prep Batch: 460-182052					
LB 460-182052/1-A	TCLP SPLPE Leachate Blank	Y	Solid	D3987-85	
460-62993-40FD	DUP-091313	Y	Solid	D3987-85	
460-62993-40MS	Matrix Spike	Y	Solid	D3987-85	
460-62993-40MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-62993-41FD	DUP1-091313	Y	Solid	D3987-85	
460-62993-42FD	DUP2-091313	Y	Solid	D3987-85	
460-62993-43FD	DUP3-091313	Y	Solid	D3987-85	

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-182249					
LCSSRM 460-182249/114	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
LCSSRM 460-182249/94	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
MB 460-182249/113	Method Blank	T	Solid	SM 4500 Cl- E	
MB 460-182249/93	Method Blank	T	Solid	SM 4500 Cl- E	
LB 460-181844/1-A	TCLP SPLPE Leachate Blank	Y	Solid	SM 4500 Cl- E	
LB 460-182048/1-A	TCLP SPLPE Leachate Blank	Y	Solid	SM 4500 Cl- E	
460-62968-A-37-B MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-62968-A-37-B MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-62993-1	PMP-6SE-VD	Y	Solid	SM 4500 Cl- E	
460-62993-2	PMP-6SE-WT	Y	Solid	SM 4500 Cl- E	
460-62993-3	PMP-6SE-SI	Y	Solid	SM 4500 Cl- E	
460-62993-4	PMP-5SE-VD	Y	Solid	SM 4500 Cl- E	
460-62993-5	PMP-5SE-WT	Y	Solid	SM 4500 Cl- E	
460-62993-5MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-62993-5MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-62993-6	PMP-5SE-SI	Y	Solid	SM 4500 Cl- E	
460-62993-7	PMP-8SE-VS	Y	Solid	SM 4500 Cl- E	
460-62993-8	PMP-8SE-VD	Y	Solid	SM 4500 Cl- E	
460-62993-9	PMP-8SE-WT	Y	Solid	SM 4500 Cl- E	
460-62993-10	PMP-4SE-VS	Y	Solid	SM 4500 Cl- E	
460-62993-11	PMP-4SE-VD	Y	Solid	SM 4500 Cl- E	
460-62993-12	PMP-4SE-WT	Y	Solid	SM 4500 Cl- E	
460-62993-13	PMP-14SE-VS	Y	Solid	SM 4500 Cl- E	

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-182365					
LCSSRM 460-182365/28	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
LCSSRM 460-182365/48	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
LCSSRM 460-182365/66	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
LCSSRM 460-182365/84	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
MB 460-182365/27	Method Blank	T	Solid	SM 4500 Cl- E	
MB 460-182365/47	Method Blank	T	Solid	SM 4500 Cl- E	
MB 460-182365/65	Method Blank	T	Solid	SM 4500 Cl- E	
MB 460-182365/83	Method Blank	T	Solid	SM 4500 Cl- E	
LB 460-182048/1-A	TCLP SPLPE Leachate Blank	Y	Solid	SM 4500 Cl- E	
LB 460-182050/1-A	TCLP SPLPE Leachate Blank	Y	Solid	SM 4500 Cl- E	
LB 460-182052/1-A	TCLP SPLPE Leachate Blank	Y	Solid	SM 4500 Cl- E	
460-62993-14	PMP-14SE-VD	Y	Solid	SM 4500 Cl- E	
460-62993-15	PMP-14SE-WT	Y	Solid	SM 4500 Cl- E	
460-62993-16	PMP-25SE-VS	Y	Solid	SM 4500 Cl- E	
460-62993-17	PMP-25SE-VD	Y	Solid	SM 4500 Cl- E	
460-62993-18	PMP-25SE-WT	Y	Solid	SM 4500 Cl- E	
460-62993-19	PMP-7SE-VD	Y	Solid	SM 4500 Cl- E	
460-62993-19MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-62993-19MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-62993-20	PMP-7SE-WT	Y	Solid	SM 4500 Cl- E	
460-62993-21	PMP-7SE-SI	Y	Solid	SM 4500 Cl- E	
460-62993-22	PMP-10SE-VD	Y	Solid	SM 4500 Cl- E	
460-62993-22MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-62993-22MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-62993-23	PMP-10SE-WT	Y	Solid	SM 4500 Cl- E	
460-62993-24	PMP-10SE-SI	Y	Solid	SM 4500 Cl- E	
460-62993-25	PMP-10SE-SD	Y	Solid	SM 4500 Cl- E	
460-62993-26	PMP-13SE-VD	Y	Solid	SM 4500 Cl- E	
460-62993-27	PMP-13SE-WT	Y	Solid	SM 4500 Cl- E	
460-62993-28	PMP-13SE-SI	Y	Solid	SM 4500 Cl- E	
460-62993-29	PMP-13SE-SD	Y	Solid	SM 4500 Cl- E	
460-62993-30	PMP-15SE-VD	Y	Solid	SM 4500 Cl- E	
460-62993-31	PMP-15SE-WT	Y	Solid	SM 4500 Cl- E	
460-62993-31MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-62993-31MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-62993-32	PMP-15SE-SI	Y	Solid	SM 4500 Cl- E	
460-62993-33	PMP-15SE-SD	Y	Solid	SM 4500 Cl- E	
460-62993-34	PMP-31SE-VS	Y	Solid	SM 4500 Cl- E	
460-62993-35	PMP-31SE-VD	Y	Solid	SM 4500 Cl- E	
460-62993-36	PMP-31SE-WT	Y	Solid	SM 4500 Cl- E	
460-62993-37	PMP-32SE-VS	Y	Solid	SM 4500 Cl- E	
460-62993-38	PMP-32SE-VD	Y	Solid	SM 4500 Cl- E	
460-62993-39	PMP-32SE-WT	Y	Solid	SM 4500 Cl- E	
460-62993-40FD	DUP-091313	Y	Solid	SM 4500 Cl- E	
460-62993-40MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-62993-40MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	

Client: Antea USA, Inc. Job Number: 460-62993-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-182365					
460-62993-41FD	DUP1-091313	Y	Solid	SM 4500 Cl- E	
460-62993-42FD	DUP2-091313	Y	Solid	SM 4500 Cl- E	
460-62993-43FD	DUP3-091313	Y	Solid	SM 4500 Cl- E	

Report Basis
Y = ASTM Leach
T = Total

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-1 **Client ID: PMP-6SE-VD**

Sample Date/Time: 09/13/2013 08:20 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-1-A		460-181583	460-181352	09/14/2013 14:33	1	TAL EDI	DAS
A:8260B	460-62993-A-1-A		460-181583	460-181352	09/16/2013 20:14	1	TAL EDI	AAT
P:3541	460-62993-E-1-E		460-182384	460-181707	09/17/2013 08:43	1	TAL EDI	HMP
A:8270C	460-62993-E-1-E		460-182384	460-181707	09/20/2013 06:14	1	TAL EDI	CAZ
P:3546	460-62993-E-1-D		460-181786	460-181668	09/17/2013 04:59	1	TAL EDI	ARA
A:8082	460-62993-E-1-D		460-181786	460-181668	09/17/2013 14:49	1	TAL EDI	JHP
P:3546	460-62993-E-1-A		460-181694	460-181553	09/16/2013 12:59	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-1-A		460-181694	460-181553	09/18/2013 00:37	1	TAL EDI	HJK
A:Moisture	460-62993-E-1		460-181835		09/17/2013 16:52	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-1-B		460-182249		09/19/2013 16:20	1	TAL EDI	MCC

Lab ID: 460-62993-1 MS **Client ID: PMP-6SE-VD**

Sample Date/Time: 09/13/2013 08:20 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-62993-E-1-B MS		460-181786	460-181668	09/17/2013 04:59	1	TAL EDI	ARA
A:8082	460-62993-E-1-B MS		460-181786	460-181668	09/17/2013 15:38	1	TAL EDI	JHP

Lab ID: 460-62993-1 MSD **Client ID: PMP-6SE-VD**

Sample Date/Time: 09/13/2013 08:20 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-62993-E-1-C MSD		460-181786	460-181668	09/17/2013 04:59	1	TAL EDI	ARA
A:8082	460-62993-E-1-C MSD		460-181786	460-181668	09/17/2013 15:55	1	TAL EDI	JHP

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-2 **Client ID: PMP-6SE-WT**

Sample Date/Time: 09/13/2013 08:25 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-C-2-A		460-182277	460-181346	09/14/2013 14:07	50	TAL EDI	DAS
A:8260B	460-62993-C-2-A		460-182277	460-181346	09/20/2013 04:10	50	TAL EDI	KLB
P:3541	460-62993-E-2-E		460-182384	460-181707	09/17/2013 08:43	1	TAL EDI	HMP
A:8270C	460-62993-E-2-E		460-182384	460-181707	09/20/2013 06:39	1	TAL EDI	CAZ
P:3546	460-62993-E-2-D		460-181943	460-181668	09/17/2013 04:59	25	TAL EDI	ARA
A:8082	460-62993-E-2-D		460-181943	460-181668	09/18/2013 08:44	25	TAL EDI	JHP
P:3546	460-62993-E-2-C		460-181947	460-181554	09/16/2013 13:05	20	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-2-C		460-181947	460-181554	09/18/2013 17:31	20	TAL EDI	HJK
A:Moisture	460-62993-E-2		460-181835		09/17/2013 16:52	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-2-B		460-182249		09/19/2013 16:20	1	TAL EDI	MCC

Lab ID: 460-62993-2 MS **Client ID: PMP-6SE-WT**

Sample Date/Time: 09/13/2013 08:25 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-62993-E-2-A MS		460-181947	460-181554	09/16/2013 13:05	20	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-2-A MS		460-181947	460-181554	09/18/2013 17:02	20	TAL EDI	HJK

Lab ID: 460-62993-2 MSD **Client ID: PMP-6SE-WT**

Sample Date/Time: 09/13/2013 08:25 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-62993-E-2-B MSD		460-181947	460-181554	09/16/2013 13:05	20	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-2-B MSD		460-181947	460-181554	09/18/2013 17:16	20	TAL EDI	HJK

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-3 **Client ID: PMP-6SE-SI**

Sample Date/Time: 09/13/2013 08:30 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-C-3-A		460-182095	460-181346	09/14/2013 14:07	50	TAL EDI	DAS
A:8260B	460-62993-C-3-A		460-182095	460-181346	09/19/2013 19:58	50	TAL EDI	SZD
P:3541	460-62993-E-3-C		460-182384	460-181707	09/17/2013 08:43	5	TAL EDI	HMP
A:8270C	460-62993-E-3-C		460-182384	460-181707	09/20/2013 07:03	5	TAL EDI	CAZ
P:3546	460-62993-E-3-B		460-181943	460-181668	09/17/2013 04:59	10	TAL EDI	ARA
A:8082	460-62993-E-3-B		460-181943	460-181668	09/18/2013 09:01	10	TAL EDI	JHP
P:3546	460-62993-E-3-A		460-181947	460-181554	09/16/2013 13:05	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-3-A		460-181947	460-181554	09/18/2013 17:46	10	TAL EDI	HJK
A:Moisture	460-62993-E-3		460-181835		09/17/2013 16:52	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-3-B		460-182249		09/19/2013 16:24	1	TAL EDI	MCC

Lab ID: 460-62993-4 **Client ID: PMP-5SE-VD**

Sample Date/Time: 09/13/2013 08:35 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-4-A		460-182287	460-181352	09/14/2013 14:35	1	TAL EDI	DAS
A:8260B	460-62993-A-4-A		460-182287	460-181352	09/20/2013 08:40	1	TAL EDI	AAT
P:3541	460-62993-E-4-C		460-182384	460-181707	09/17/2013 08:43	1	TAL EDI	HMP
A:8270C	460-62993-E-4-C		460-182384	460-181707	09/20/2013 07:28	1	TAL EDI	CAZ
P:3546	460-62993-E-4-B		460-181786	460-181668	09/17/2013 04:59	1	TAL EDI	ARA
A:8082	460-62993-E-4-B		460-181786	460-181668	09/17/2013 16:44	1	TAL EDI	JHP
P:3546	460-62993-E-4-A		460-181694	460-181554	09/16/2013 13:05	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-4-A		460-181694	460-181554	09/18/2013 02:50	1	TAL EDI	HJK
A:Moisture	460-62993-E-4		460-181835		09/17/2013 16:52	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-4-B		460-182249		09/19/2013 16:24	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-5 **Client ID: PMP-5SE-WT**

Sample Date/Time: 09/13/2013 08:40 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-C-5-A		460-182095	460-181346	09/14/2013 14:08	50	TAL EDI	DAS
A:8260B	460-62993-C-5-A		460-182095	460-181346	09/19/2013 19:14	50	TAL EDI	SZD
P:3541	460-62993-E-5-C		460-182384	460-181707	09/17/2013 08:43	1	TAL EDI	HMP
A:8270C	460-62993-E-5-C		460-182384	460-181707	09/20/2013 07:53	1	TAL EDI	CAZ
P:3546	460-62993-E-5-B		460-181943	460-181668	09/17/2013 04:59	20	TAL EDI	ARA
A:8082	460-62993-E-5-B		460-181943	460-181668	09/18/2013 09:17	20	TAL EDI	JHP
P:3546	460-62993-E-5-A		460-181947	460-181554	09/16/2013 13:05	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-5-A		460-181947	460-181554	09/18/2013 18:01	10	TAL EDI	HJK
A:Moisture	460-62993-E-5		460-181835		09/17/2013 16:52	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-5-B		460-182249		09/19/2013 16:33	1	TAL EDI	MCC

Lab ID: 460-62993-5 MS **Client ID: PMP-5SE-WT**

Sample Date/Time: 09/13/2013 08:40 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-62993-A-5-B MS		460-182249		09/19/2013 16:36	1	TAL EDI	MCC

Lab ID: 460-62993-5 MSD **Client ID: PMP-5SE-WT**

Sample Date/Time: 09/13/2013 08:40 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-62993-A-5-B MSD		460-182249		09/19/2013 16:36	1	TAL EDI	MCC

Lab ID: 460-62993-6 **Client ID: PMP-5SE-SI**

Sample Date/Time: 09/13/2013 08:45 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-C-6-A		460-182095	460-181346	09/14/2013 14:09	50	TAL EDI	DAS
A:8260B	460-62993-C-6-A		460-182095	460-181346	09/19/2013 19:36	50	TAL EDI	SZD
P:3541	460-62993-E-6-C		460-182384	460-181707	09/17/2013 08:43	1	TAL EDI	HMP
A:8270C	460-62993-E-6-C		460-182384	460-181707	09/20/2013 08:18	1	TAL EDI	CAZ
P:3546	460-62993-E-6-B		460-181943	460-181668	09/17/2013 04:59	10	TAL EDI	ARA
A:8082	460-62993-E-6-B		460-181943	460-181668	09/18/2013 09:33	10	TAL EDI	JHP
P:3546	460-62993-E-6-A		460-181947	460-181554	09/16/2013 13:05	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-6-A		460-181947	460-181554	09/18/2013 18:15	10	TAL EDI	HJK
A:Moisture	460-62993-E-6		460-181835		09/17/2013 16:52	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-6-B		460-182249		09/19/2013 16:33	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-7 **Client ID: PMP-8SE-VS**

Sample Date/Time: 09/13/2013 08:50 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-7-A		460-182287	460-181352	09/14/2013 14:38	1	TAL EDI	DAS
A:8260B	460-62993-A-7-A		460-182287	460-181352	09/20/2013 09:30	1	TAL EDI	AAT
P:3541	460-62993-E-7-C		460-182384	460-181707	09/17/2013 08:43	2	TAL EDI	HMP
A:8270C	460-62993-E-7-C		460-182384	460-181707	09/20/2013 16:38	2	TAL EDI	CAZ
P:3546	460-62993-E-7-B		460-181943	460-181668	09/17/2013 04:59	20	TAL EDI	ARA
A:8082	460-62993-E-7-B		460-181943	460-181668	09/18/2013 12:18	20	TAL EDI	JHP
P:3546	460-62993-E-7-A		460-181947	460-181554	09/16/2013 13:05	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-7-A		460-181947	460-181554	09/18/2013 18:30	10	TAL EDI	HJK
A:Moisture	460-62993-E-7		460-181835		09/17/2013 16:52	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-7-B		460-182249		09/19/2013 16:33	1	TAL EDI	MCC

Lab ID: 460-62993-8 **Client ID: PMP-8SE-VD**

Sample Date/Time: 09/13/2013 08:55 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-8-A		460-181583	460-181352	09/14/2013 14:39	1	TAL EDI	DAS
A:8260B	460-62993-A-8-A		460-181583	460-181352	09/16/2013 20:38	1	TAL EDI	AAT
P:3541	460-62993-E-8-C		460-182384	460-181707	09/17/2013 08:43	1	TAL EDI	HMP
A:8270C	460-62993-E-8-C		460-182384	460-181707	09/20/2013 08:43	1	TAL EDI	CAZ
P:3546	460-62993-E-8-B		460-181786	460-181668	09/17/2013 04:59	1	TAL EDI	ARA
A:8082	460-62993-E-8-B		460-181786	460-181668	09/17/2013 17:50	1	TAL EDI	JHP
P:3546	460-62993-E-8-D		460-182075	460-181994	09/18/2013 12:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-8-D		460-182075	460-181994	09/19/2013 13:10	1	TAL EDI	HJK
A:Moisture	460-62993-E-8		460-181835		09/17/2013 16:52	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-8-B		460-182249		09/19/2013 16:33	1	TAL EDI	MCC

Lab ID: 460-62993-8 DU **Client ID: PMP-8SE-VD**

Sample Date/Time: 09/13/2013 08:55 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-62993-E-8 DU		460-181835		09/17/2013 16:52	1	TAL EDI	ITR

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-9 **Client ID: PMP-8SE-WT**

Sample Date/Time: 09/13/2013 09:00 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-9-A		460-181583	460-181352	09/14/2013 14:40	1	TAL EDI	DAS
A:8260B	460-62993-A-9-A		460-181583	460-181352	09/16/2013 21:03	1	TAL EDI	AAT
P:3541	460-62993-D-9-C		460-182384	460-181707	09/17/2013 08:43	1	TAL EDI	HMP
A:8270C	460-62993-D-9-C		460-182384	460-181707	09/20/2013 09:07	1	TAL EDI	CAZ
P:3546	460-62993-D-9-B		460-181786	460-181668	09/17/2013 04:59	1	TAL EDI	ARA
A:8082	460-62993-D-9-B		460-181786	460-181668	09/17/2013 18:06	1	TAL EDI	JHP
P:3546	460-62993-D-9-A		460-181947	460-181554	09/16/2013 13:05	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-D-9-A		460-181947	460-181554	09/18/2013 18:45	1	TAL EDI	HJK
A:Moisture	460-62993-D-9		460-181838		09/17/2013 17:13	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-9-B		460-182249		09/19/2013 16:33	1	TAL EDI	MCC

Lab ID: 460-62993-10 **Client ID: PMP-4SE-VS**

Sample Date/Time: 09/13/2013 09:20 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-10-A		460-181583	460-181352	09/14/2013 14:40	1	TAL EDI	DAS
A:8260B	460-62993-A-10-A		460-181583	460-181352	09/16/2013 21:28	1	TAL EDI	AAT
P:3541	460-62993-E-10-C		460-182384	460-181707	09/17/2013 08:43	5	TAL EDI	HMP
A:8270C	460-62993-E-10-C		460-182384	460-181707	09/20/2013 15:49	5	TAL EDI	CAZ
P:3546	460-62993-E-10-B		460-181943	460-181668	09/17/2013 04:59	200	TAL EDI	ARA
A:8082	460-62993-E-10-B		460-181943	460-181668	09/18/2013 10:07	200	TAL EDI	JHP
P:3546	460-62993-E-10-A		460-181947	460-181554	09/16/2013 13:05	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-10-A		460-181947	460-181554	09/18/2013 19:00	10	TAL EDI	HJK
A:Moisture	460-62993-E-10		460-181838		09/17/2013 17:13	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-10-B		460-182249		09/19/2013 16:33	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-11 **Client ID: PMP-4SE-VD**

Sample Date/Time: 09/13/2013 09:30 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-11-A		460-181583	460-181352	09/14/2013 14:41	1	TAL EDI	DAS
A:8260B	460-62993-A-11-A		460-181583	460-181352	09/16/2013 21:53	1	TAL EDI	AAT
P:3541	460-62993-E-11-E		460-182161	460-181712	09/17/2013 08:50	1	TAL EDI	HMP
A:8270C	460-62993-E-11-E		460-182161	460-181712	09/19/2013 15:33	1	TAL EDI	VJR
P:3546	460-62993-E-11-B		460-181786	460-181668	09/17/2013 04:59	1	TAL EDI	ARA
A:8082	460-62993-E-11-B		460-181786	460-181668	09/17/2013 18:39	1	TAL EDI	JHP
P:3546	460-62993-E-11-F		460-182075	460-181994	09/18/2013 12:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-11-F		460-182075	460-181994	09/19/2013 13:25	1	TAL EDI	HJK
A:Moisture	460-62993-E-11		460-181838		09/17/2013 17:13	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-11-B		460-182249		09/19/2013 16:33	1	TAL EDI	MCC

Lab ID: 460-62993-11 MS **Client ID: PMP-4SE-VD**

Sample Date/Time: 09/13/2013 09:30 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-62993-E-11-C MS		460-182161	460-181712	09/17/2013 08:50	1	TAL EDI	HMP
A:8270C	460-62993-E-11-C MS		460-182161	460-181712	09/19/2013 16:01	1	TAL EDI	VJR

Lab ID: 460-62993-11 MSD **Client ID: PMP-4SE-VD**

Sample Date/Time: 09/13/2013 09:30 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-62993-E-11-D MSD		460-182161	460-181712	09/17/2013 08:50	1	TAL EDI	HMP
A:8270C	460-62993-E-11-D MSD		460-182161	460-181712	09/19/2013 16:30	1	TAL EDI	VJR

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-12 **Client ID: PMP-4SE-WT**

Sample Date/Time: 09/13/2013 09:25 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-12-A		460-181583	460-181352	09/14/2013 14:42	1	TAL EDI	DAS
A:8260B	460-62993-A-12-A		460-181583	460-181352	09/16/2013 22:18	1	TAL EDI	AAT
P:3541	460-62993-E-12-C		460-182161	460-181712	09/17/2013 08:50	1	TAL EDI	HMP
A:8270C	460-62993-E-12-C		460-182161	460-181712	09/19/2013 21:43	1	TAL EDI	VJR
P:3546	460-62993-E-12-B		460-181786	460-181668	09/17/2013 04:59	1	TAL EDI	ARA
A:8082	460-62993-E-12-B		460-181786	460-181668	09/17/2013 18:55	1	TAL EDI	JHP
P:3546	460-62993-E-12-D		460-182075	460-181994	09/18/2013 12:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-12-D		460-182075	460-181994	09/19/2013 13:40	1	TAL EDI	HJK
A:Moisture	460-62993-E-12		460-181838		09/17/2013 17:13	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-12-B		460-182249		09/19/2013 16:37	1	TAL EDI	MCC

Lab ID: 460-62993-13 **Client ID: PMP-14SE-VS**

Sample Date/Time: 09/13/2013 09:35 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-13-A		460-181583	460-181352	09/14/2013 14:43	1	TAL EDI	DAS
A:8260B	460-62993-A-13-A		460-181583	460-181352	09/16/2013 22:43	1	TAL EDI	AAT
P:3541	460-62993-E-13-C		460-182161	460-181712	09/17/2013 08:50	1	TAL EDI	HMP
A:8270C	460-62993-E-13-C		460-182161	460-181712	09/19/2013 23:36	1	TAL EDI	VJR
P:3546	460-62993-E-13-B		460-181786	460-181668	09/17/2013 04:59	1	TAL EDI	ARA
A:8082	460-62993-E-13-B		460-181786	460-181668	09/17/2013 19:11	1	TAL EDI	JHP
P:3546	460-62993-E-13-A		460-181947	460-181554	09/16/2013 13:05	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-13-A		460-181947	460-181554	09/18/2013 19:44	1	TAL EDI	HJK
A:Moisture	460-62993-E-13		460-181838		09/17/2013 17:13	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-13-B		460-182249		09/19/2013 16:37	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-14 **Client ID: PMP-14SE-VD**

Sample Date/Time: 09/13/2013 09:40 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-14-A		460-181583	460-181352	09/14/2013 14:44	1	TAL EDI	DAS
A:8260B	460-62993-A-14-A		460-181583	460-181352	09/16/2013 23:08	1	TAL EDI	AAT
P:3541	460-62993-E-14-C		460-182161	460-181712	09/17/2013 08:50	1	TAL EDI	HMP
A:8270C	460-62993-E-14-C		460-182161	460-181712	09/19/2013 22:11	1	TAL EDI	VJR
P:3546	460-62993-E-14-B		460-181786	460-181668	09/17/2013 04:59	1	TAL EDI	ARA
A:8082	460-62993-E-14-B		460-181786	460-181668	09/17/2013 19:28	1	TAL EDI	JHP
P:3546	460-62993-E-14-D		460-182075	460-181994	09/18/2013 12:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-14-D		460-182075	460-181994	09/19/2013 13:54	1	TAL EDI	HJK
A:Moisture	460-62993-E-14		460-181838		09/17/2013 17:13	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-14-B		460-182365		09/20/2013 09:48	1	TAL EDI	MCC

Lab ID: 460-62993-15 **Client ID: PMP-14SE-WT**

Sample Date/Time: 09/13/2013 09:45 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-15-A		460-181583	460-181352	09/14/2013 14:45	1	TAL EDI	DAS
A:8260B	460-62993-A-15-A		460-181583	460-181352	09/16/2013 23:33	1	TAL EDI	AAT
P:3541	460-62993-E-15-C		460-182161	460-181712	09/17/2013 08:50	1	TAL EDI	HMP
A:8270C	460-62993-E-15-C		460-182161	460-181712	09/19/2013 16:58	1	TAL EDI	VJR
P:3546	460-62993-E-15-B		460-181786	460-181668	09/17/2013 04:59	1	TAL EDI	ARA
A:8082	460-62993-E-15-B		460-181786	460-181668	09/17/2013 19:45	1	TAL EDI	JHP
P:3546	460-62993-E-15-F		460-182075	460-181994	09/18/2013 12:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-15-F		460-182075	460-181994	09/19/2013 09:37	1	TAL EDI	HJK
A:Moisture	460-62993-E-15		460-181838		09/17/2013 17:13	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-15-B		460-182365		09/20/2013 09:48	1	TAL EDI	MCC

Lab ID: 460-62993-15 MS **Client ID: PMP-14SE-WT**

Sample Date/Time: 09/13/2013 09:45 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-62993-E-15-D MS		460-182075	460-181994	09/18/2013 12:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-15-D MS		460-182075	460-181994	09/19/2013 09:08	1	TAL EDI	HJK

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-15 MSD **Client ID: PMP-14SE-WT**

Sample Date/Time: 09/13/2013 09:45 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-62993-E-15-E MSD		460-182075	460-181994	09/18/2013 12:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-15-E MSD		460-182075	460-181994	09/19/2013 09:22	1	TAL EDI	HJK

Lab ID: 460-62993-16 **Client ID: PMP-25SE-VS**

Sample Date/Time: 09/13/2013 09:50 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-16-A		460-181583	460-181352	09/14/2013 14:45	1	TAL EDI	DAS
A:8260B	460-62993-A-16-A		460-181583	460-181352	09/16/2013 23:58	1	TAL EDI	AAT
P:3541	460-62993-E-16-C		460-182161	460-181712	09/17/2013 08:50	1	TAL EDI	HMP
A:8270C	460-62993-E-16-C		460-182161	460-181712	09/19/2013 23:08	1	TAL EDI	VJR
P:3546	460-62993-E-16-B		460-181786	460-181668	09/17/2013 04:59	1	TAL EDI	ARA
A:8082	460-62993-E-16-B		460-181786	460-181668	09/17/2013 20:01	1	TAL EDI	JHP
P:3546	460-62993-E-16-A		460-181947	460-181554	09/16/2013 13:05	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-16-A		460-181947	460-181554	09/18/2013 19:59	1	TAL EDI	HJK
A:Moisture	460-62993-E-16		460-181838		09/17/2013 17:13	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-16-B		460-182365		09/20/2013 09:48	1	TAL EDI	MCC

Lab ID: 460-62993-17 **Client ID: PMP-25SE-VD**

Sample Date/Time: 09/13/2013 09:55 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-17-A		460-181583	460-181352	09/14/2013 14:46	1	TAL EDI	DAS
A:8260B	460-62993-A-17-A		460-181583	460-181352	09/17/2013 00:23	1	TAL EDI	AAT
P:3541	460-62993-E-17-C		460-182161	460-181712	09/17/2013 08:50	1	TAL EDI	HMP
A:8270C	460-62993-E-17-C		460-182161	460-181712	09/19/2013 17:27	1	TAL EDI	VJR
P:3546	460-62993-E-17-B		460-181786	460-181668	09/17/2013 04:59	1	TAL EDI	ARA
A:8082	460-62993-E-17-B		460-181786	460-181668	09/17/2013 20:17	1	TAL EDI	JHP
P:3546	460-62993-E-17-D		460-182075	460-181994	09/18/2013 12:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-17-D		460-182075	460-181994	09/19/2013 14:09	1	TAL EDI	HJK
A:Moisture	460-62993-E-17		460-181838		09/17/2013 17:13	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-17-B		460-182365		09/20/2013 09:48	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62993-1

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Lab ID: 460-62993-18 **Client ID: PMP-25SE-WT**

Sample Date/Time: 09/13/2013 10:00 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-18-A		460-181583	460-181352	09/14/2013 14:47	1	TAL EDI	DAS
A:8260B	460-62993-A-18-A		460-181583	460-181352	09/17/2013 00:49	1	TAL EDI	AAT
P:3541	460-62993-E-18-C		460-182161	460-181712	09/17/2013 08:50	1	TAL EDI	HMP
A:8270C	460-62993-E-18-C		460-182161	460-181712	09/19/2013 17:55	1	TAL EDI	VJR
P:3546	460-62993-E-18-B		460-181786	460-181668	09/17/2013 04:59	1	TAL EDI	ARA
A:8082	460-62993-E-18-B		460-181786	460-181668	09/17/2013 20:34	1	TAL EDI	JHP
P:3546	460-62993-E-18-A		460-181947	460-181554	09/16/2013 13:05	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-18-A		460-181947	460-181554	09/18/2013 20:13	1	TAL EDI	HJK
A:Moisture	460-62993-E-18		460-181838		09/17/2013 17:13	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-18-B		460-182365		09/20/2013 09:48	1	TAL EDI	MCC

Lab ID: 460-62993-19 **Client ID: PMP-7SE-VD**

Sample Date/Time: 09/13/2013 10:10 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-C-19-A		460-182095	460-181346	09/14/2013 14:15	50	TAL EDI	DAS
A:8260B	460-62993-C-19-A		460-182095	460-181346	09/19/2013 21:07	50	TAL EDI	SZD
P:3541	460-62993-E-19-C	DL	460-182283	460-181712	09/17/2013 08:50	10	TAL EDI	HMP
A:8270C	460-62993-E-19-C	DL	460-182283	460-181712	09/20/2013 08:24	10	TAL EDI	MMC
P:3546	460-62993-E-19-B		460-181943	460-181668	09/17/2013 04:59	10	TAL EDI	ARA
A:8082	460-62993-E-19-B		460-181943	460-181668	09/18/2013 10:23	10	TAL EDI	JHP
P:3546	460-62993-E-19-A		460-181947	460-181554	09/16/2013 13:05	20	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-19-A		460-181947	460-181554	09/18/2013 20:28	20	TAL EDI	HJK
A:Moisture	460-62993-E-19		460-181838		09/17/2013 17:13	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-19-B		460-182365		09/20/2013 09:48	1	TAL EDI	MCC

Lab ID: 460-62993-19 MS **Client ID: PMP-7SE-VD**

Sample Date/Time: 09/13/2013 10:10 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-62993-A-19-B MS		460-182365		09/20/2013 09:52	1	TAL EDI	MCC

Lab ID: 460-62993-19 MSD **Client ID: PMP-7SE-VD**

Sample Date/Time: 09/13/2013 10:10 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-62993-A-19-B MSD		460-182365		09/20/2013 09:52	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-20 **Client ID: PMP-7SE-WT**

Sample Date/Time: 09/13/2013 10:15 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-C-20-A		460-182095	460-181346	09/14/2013 14:16	50	TAL EDI	DAS
A:8260B	460-62993-C-20-A		460-182095	460-181346	09/19/2013 20:45	50	TAL EDI	SZD
P:3541	460-62993-E-20-C		460-182283	460-181712	09/17/2013 08:50	5	TAL EDI	HMP
A:8270C	460-62993-E-20-C		460-182283	460-181712	09/20/2013 08:52	5	TAL EDI	MMC
P:3546	460-62993-E-20-B		460-181943	460-181668	09/17/2013 04:59	100	TAL EDI	ARA
A:8082	460-62993-E-20-B		460-181943	460-181668	09/18/2013 10:39	100	TAL EDI	JHP
P:3546	460-62993-E-20-A		460-181947	460-181554	09/16/2013 13:05	20	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-20-A		460-181947	460-181554	09/18/2013 20:43	20	TAL EDI	HJK
A:Moisture	460-62993-E-20		460-181838		09/17/2013 17:13	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-20-B		460-182365		09/20/2013 09:52	1	TAL EDI	MCC

Lab ID: 460-62993-21 **Client ID: PMP-7SE-SI**

Sample Date/Time: 09/13/2013 10:20 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-C-21-A		460-182277	460-181346	09/14/2013 14:16	50	TAL EDI	DAS
A:8260B	460-62993-C-21-A		460-182277	460-181346	09/20/2013 02:15	50	TAL EDI	KLB
P:3541	460-62993-E-21-F		460-182469	460-182330	09/20/2013 11:11	1	TAL EDI	HMP
A:8270C	460-62993-E-21-F		460-182469	460-182330	09/21/2013 16:21	1	TAL EDI	BAW
P:3546	460-62993-E-21-D		460-181943	460-181669	09/17/2013 05:03	20	TAL EDI	ARA
A:8082	460-62993-E-21-D		460-181943	460-181669	09/18/2013 10:55	20	TAL EDI	JHP
P:3546	460-62993-E-21-A		460-181947	460-181554	09/16/2013 13:05	20	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-21-A		460-181947	460-181554	09/18/2013 20:58	20	TAL EDI	HJK
A:Moisture	460-62993-E-21		460-181838		09/17/2013 17:13	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-21-B		460-182365		09/20/2013 09:52	1	TAL EDI	MCC

Lab ID: 460-62993-21 MS **Client ID: PMP-7SE-SI**

Sample Date/Time: 09/13/2013 10:20 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-62993-E-21-B MS		460-181943	460-181669	09/17/2013 05:03	20	TAL EDI	ARA
A:8082	460-62993-E-21-B MS		460-181943	460-181669	09/18/2013 11:12	20	TAL EDI	JHP

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-21 MSD **Client ID: PMP-7SE-SI**

Sample Date/Time: 09/13/2013 10:20 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-62993-E-21-C MSD		460-181943	460-181669	09/17/2013 05:03	20	TAL EDI	ARA
A:8082	460-62993-E-21-C MSD		460-181943	460-181669	09/18/2013 11:28	20	TAL EDI	JHP

Lab ID: 460-62993-22 **Client ID: PMP-10SE-VD**

Sample Date/Time: 09/13/2013 10:45 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-22-A		460-181583	460-181352	09/14/2013 14:50	1	TAL EDI	DAS
A:8260B	460-62993-A-22-A		460-181583	460-181352	09/17/2013 01:14	1	TAL EDI	AAT
P:3541	460-62993-E-22-B		460-182283	460-181712	09/17/2013 08:50	1	TAL EDI	HMP
A:8270C	460-62993-E-22-B		460-182283	460-181712	09/20/2013 09:49	1	TAL EDI	MMC
P:3546	460-62993-E-22-A		460-181811	460-181669	09/17/2013 05:03	1	TAL EDI	ARA
A:8082	460-62993-E-22-A		460-181811	460-181669	09/17/2013 23:52	1	TAL EDI	JHP
P:3546	460-62993-E-22-E		460-181947	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-22-E		460-181947	460-181800	09/18/2013 22:40	1	TAL EDI	HJK
A:Moisture	460-62993-E-22		460-181838		09/17/2013 17:13	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-22-B		460-182365		09/20/2013 10:01	1	TAL EDI	MCC

Lab ID: 460-62993-22 MS **Client ID: PMP-10SE-VD**

Sample Date/Time: 09/13/2013 10:45 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-62993-E-22-C MS		460-181947	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-22-C MS		460-181947	460-181800	09/18/2013 22:11	1	TAL EDI	HJK
A:SM 4500 Cl- E	460-62993-A-22-B MS		460-182365		09/20/2013 10:04	1	TAL EDI	MCC

Lab ID: 460-62993-22 MSD **Client ID: PMP-10SE-VD**

Sample Date/Time: 09/13/2013 10:45 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-62993-E-22-D MSD		460-181947	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-22-D MSD		460-181947	460-181800	09/18/2013 22:26	1	TAL EDI	HJK
A:SM 4500 Cl- E	460-62993-A-22-B MSD		460-182365		09/20/2013 10:04	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-23 **Client ID: PMP-10SE-WT**

Sample Date/Time: 09/13/2013 10:50 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-23-A		460-181583	460-181352	09/14/2013 14:51	1	TAL EDI	DAS
A:8260B	460-62993-A-23-A		460-181583	460-181352	09/17/2013 02:29	1	TAL EDI	AAT
P:3541	460-62993-E-23-B		460-182161	460-181712	09/17/2013 08:50	1	TAL EDI	HMP
A:8270C	460-62993-E-23-B		460-182161	460-181712	09/19/2013 18:52	1	TAL EDI	VJR
P:3546	460-62993-E-23-A		460-181811	460-181669	09/17/2013 05:03	1	TAL EDI	ARA
A:8082	460-62993-E-23-A		460-181811	460-181669	09/18/2013 00:08	1	TAL EDI	JHP
P:3546	460-62993-E-23-C		460-181947	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-23-C		460-181947	460-181800	09/18/2013 22:55	1	TAL EDI	HJK
A:Moisture	460-62993-E-23		460-181838		09/17/2013 17:13	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-23-B		460-182365		09/20/2013 10:01	1	TAL EDI	MCC

Lab ID: 460-62993-24 **Client ID: PMP-10SE-SI**

Sample Date/Time: 09/13/2013 10:55 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-24-A		460-181583	460-181352	09/14/2013 14:52	1	TAL EDI	DAS
A:8260B	460-62993-A-24-A		460-181583	460-181352	09/17/2013 01:39	1	TAL EDI	AAT
P:3541	460-62993-E-24-B		460-182161	460-181712	09/17/2013 08:50	1	TAL EDI	HMP
A:8270C	460-62993-E-24-B		460-182161	460-181712	09/19/2013 19:21	1	TAL EDI	VJR
P:3546	460-62993-E-24-A		460-181811	460-181669	09/17/2013 05:03	1	TAL EDI	ARA
A:8082	460-62993-E-24-A		460-181811	460-181669	09/18/2013 00:24	1	TAL EDI	JHP
P:3546	460-62993-E-24-C		460-181947	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-24-C		460-181947	460-181800	09/18/2013 23:10	1	TAL EDI	HJK
A:Moisture	460-62993-E-24		460-181604		09/16/2013 17:00	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-24-B		460-182365		09/20/2013 10:01	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-25 **Client ID: PMP-10SE-SD**

Sample Date/Time: 09/13/2013 11:00 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-B-25-A		460-181663	460-181352	09/14/2013 14:53	1	TAL EDI	DAS
A:8260B	460-62993-B-25-A		460-181663	460-181352	09/17/2013 10:08	1	TAL EDI	AAT
P:3541	460-62993-E-25-B		460-182161	460-181712	09/17/2013 08:50	1	TAL EDI	HMP
A:8270C	460-62993-E-25-B		460-182161	460-181712	09/19/2013 19:49	1	TAL EDI	VJR
P:3546	460-62993-E-25-A		460-181811	460-181669	09/17/2013 05:03	1	TAL EDI	ARA
A:8082	460-62993-E-25-A		460-181811	460-181669	09/18/2013 00:41	1	TAL EDI	JHP
P:3546	460-62993-E-25-C		460-181947	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-25-C		460-181947	460-181800	09/18/2013 23:24	1	TAL EDI	HJK
A:Moisture	460-62993-E-25		460-181604		09/16/2013 17:00	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-25-B		460-182365		09/20/2013 10:01	1	TAL EDI	MCC

Lab ID: 460-62993-26 **Client ID: PMP-13SE-VD**

Sample Date/Time: 09/13/2013 11:10 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-26-A		460-181583	460-181352	09/14/2013 14:54	1	TAL EDI	DAS
A:8260B	460-62993-A-26-A		460-181583	460-181352	09/17/2013 02:04	1	TAL EDI	AAT
P:3541	460-62993-E-26-B		460-182161	460-181712	09/17/2013 08:50	1	TAL EDI	HMP
A:8270C	460-62993-E-26-B		460-182161	460-181712	09/19/2013 22:40	1	TAL EDI	VJR
P:3546	460-62993-E-26-A		460-181811	460-181669	09/17/2013 05:03	1	TAL EDI	ARA
A:8082	460-62993-E-26-A		460-181811	460-181669	09/18/2013 00:58	1	TAL EDI	JHP
P:3546	460-62993-E-26-C		460-181947	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-26-C		460-181947	460-181800	09/19/2013 00:09	1	TAL EDI	HJK
A:Moisture	460-62993-E-26		460-181604		09/16/2013 17:00	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-26-B		460-182365		09/20/2013 10:01	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-27 **Client ID: PMP-13SE-WT**

Sample Date/Time: 09/13/2013 11:15 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-27-A		460-181663	460-181352	09/14/2013 14:54	1	TAL EDI	DAS
A:8260B	460-62993-A-27-A		460-181663	460-181352	09/17/2013 10:33	1	TAL EDI	AAT
P:3541	460-62993-E-27-B	DL	460-182283	460-181712	09/17/2013 08:50	10	TAL EDI	HMP
A:8270C	460-62993-E-27-B	DL	460-182283	460-181712	09/20/2013 09:20	10	TAL EDI	MMC
P:3546	460-62993-E-27-A		460-181943	460-181669	09/17/2013 05:03	25	TAL EDI	ARA
A:8082	460-62993-E-27-A		460-181943	460-181669	09/18/2013 11:45	25	TAL EDI	JHP
P:3546	460-62993-E-27-C		460-182075	460-181800	09/17/2013 14:38	20	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-27-C		460-182075	460-181800	09/19/2013 15:22	20	TAL EDI	HJK
A:Moisture	460-62993-E-27		460-181604		09/16/2013 17:00	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-27-B		460-182365		09/20/2013 10:01	1	TAL EDI	MCC

Lab ID: 460-62993-28 **Client ID: PMP-13SE-SI**

Sample Date/Time: 09/13/2013 11:20 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-C-28-A		460-182277	460-181346	09/14/2013 14:20	50	TAL EDI	DAS
A:8260B	460-62993-C-28-A		460-182277	460-181346	09/20/2013 02:38	50	TAL EDI	KLB
P:3541	460-62993-E-28-B		460-182161	460-181712	09/17/2013 08:50	1	TAL EDI	HMP
A:8270C	460-62993-E-28-B		460-182161	460-181712	09/19/2013 20:17	1	TAL EDI	VJR
P:3546	460-62993-E-28-A		460-181811	460-181669	09/17/2013 05:03	1	TAL EDI	ARA
A:8082	460-62993-E-28-A		460-181811	460-181669	09/18/2013 01:30	1	TAL EDI	JHP
P:3546	460-62993-E-28-C		460-182075	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-28-C		460-182075	460-181800	09/19/2013 15:37	1	TAL EDI	HJK
A:Moisture	460-62993-E-28		460-181604		09/16/2013 17:00	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-28-B		460-182365		09/20/2013 10:01	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-29 **Client ID: PMP-13SE-SD**

Sample Date/Time: 09/13/2013 11:25 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-29-A		460-181663	460-181352	09/14/2013 14:56	1	TAL EDI	DAS
A:8260B	460-62993-A-29-A		460-181663	460-181352	09/17/2013 10:58	1	TAL EDI	AAT
P:3541	460-62993-F-29-B		460-182161	460-181712	09/17/2013 08:50	1	TAL EDI	HMP
A:8270C	460-62993-F-29-B		460-182161	460-181712	09/19/2013 20:46	1	TAL EDI	VJR
P:3546	460-62993-F-29-A		460-181811	460-181669	09/17/2013 05:03	1	TAL EDI	ARA
A:8082	460-62993-F-29-A		460-181811	460-181669	09/18/2013 01:47	1	TAL EDI	JHP
P:3546	460-62993-F-29-C		460-181947	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-F-29-C		460-181947	460-181800	09/19/2013 00:53	1	TAL EDI	HJK
A:Moisture	460-62993-F-29		460-181604		09/16/2013 17:00	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-29-B		460-182365		09/20/2013 10:04	1	TAL EDI	MCC

Lab ID: 460-62993-30 **Client ID: PMP-15SE-VD**

Sample Date/Time: 09/13/2013 11:45 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-30-A		460-181663	460-181352	09/14/2013 14:57	1	TAL EDI	DAS
A:8260B	460-62993-A-30-A		460-181663	460-181352	09/17/2013 11:23	1	TAL EDI	AAT
P:3541	460-62993-E-30-D		460-182214	460-181718	09/17/2013 08:59	1	TAL EDI	HMP
A:8270C	460-62993-E-30-D		460-182214	460-181718	09/18/2013 22:30	1	TAL EDI	MTS
P:3546	460-62993-E-30-A		460-181811	460-181669	09/17/2013 05:03	1	TAL EDI	ARA
A:8082	460-62993-E-30-A		460-181811	460-181669	09/18/2013 02:02	1	TAL EDI	JHP
P:3546	460-62993-E-30-E		460-181947	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-30-E		460-181947	460-181800	09/19/2013 01:08	1	TAL EDI	HJK
A:Moisture	460-62993-E-30		460-181604		09/16/2013 17:00	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-30-B		460-182365		09/20/2013 10:04	1	TAL EDI	MCC

Lab ID: 460-62993-30 MS **Client ID: PMP-15SE-VD**

Sample Date/Time: 09/13/2013 11:45 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-62993-E-30-B MS		460-182214	460-181718	09/17/2013 08:59	1	TAL EDI	HMP
A:8270C	460-62993-E-30-B MS		460-182214	460-181718	09/18/2013 20:49	1	TAL EDI	MTS

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-30 MSD **Client ID: PMP-15SE-VD**

Sample Date/Time: 09/13/2013 11:45 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-62993-E-30-C MSD		460-182214	460-181718	09/17/2013 08:59	1	TAL EDI	HMP
A:8270C	460-62993-E-30-C MSD		460-182214	460-181718	09/18/2013 21:14	1	TAL EDI	MTS

Lab ID: 460-62993-31 **Client ID: PMP-15SE-WT**

Sample Date/Time: 09/13/2013 11:50 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-31-A		460-181663	460-181352	09/14/2013 14:58	1	TAL EDI	DAS
A:8260B	460-62993-A-31-A		460-181663	460-181352	09/17/2013 11:48	1	TAL EDI	AAT
P:3541	460-62993-E-31-B		460-182161	460-181712	09/17/2013 08:50	1	TAL EDI	HMP
A:8270C	460-62993-E-31-B		460-182161	460-181712	09/19/2013 21:14	1	TAL EDI	VJR
P:3546	460-62993-E-31-A		460-181811	460-181669	09/17/2013 05:03	1	TAL EDI	ARA
A:8082	460-62993-E-31-A		460-181811	460-181669	09/18/2013 02:18	1	TAL EDI	JHP
P:3546	460-62993-E-31-C		460-181947	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-31-C		460-181947	460-181800	09/19/2013 01:22	1	TAL EDI	HJK
A:Moisture	460-62993-E-31		460-181604		09/16/2013 17:00	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-31-B		460-182365		09/20/2013 10:10	1	TAL EDI	MCC

Lab ID: 460-62993-31 MS **Client ID: PMP-15SE-WT**

Sample Date/Time: 09/13/2013 11:50 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-62993-A-31-B MS		460-182365		09/20/2013 10:13	1	TAL EDI	MCC

Lab ID: 460-62993-31 MSD **Client ID: PMP-15SE-WT**

Sample Date/Time: 09/13/2013 11:50 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-62993-A-31-B MSD		460-182365		09/20/2013 10:13	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-32 **Client ID: PMP-15SE-SI**

Sample Date/Time: 09/13/2013 11:55 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-32-A		460-181663	460-181352	09/14/2013 14:59	1	TAL EDI	DAS
A:8260B	460-62993-A-32-A		460-181663	460-181352	09/17/2013 12:13	1	TAL EDI	AAT
P:3541	460-62993-E-32-B		460-182214	460-181718	09/17/2013 08:59	1	TAL EDI	HMP
A:8270C	460-62993-E-32-B		460-182214	460-181718	09/18/2013 22:56	1	TAL EDI	MTS
P:3546	460-62993-E-32-A		460-181811	460-181669	09/17/2013 05:03	1	TAL EDI	ARA
A:8082	460-62993-E-32-A		460-181811	460-181669	09/18/2013 02:34	1	TAL EDI	JHP
P:3546	460-62993-E-32-C		460-182075	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-32-C		460-182075	460-181800	09/19/2013 15:52	1	TAL EDI	HJK
A:Moisture	460-62993-E-32		460-181604		09/16/2013 17:00	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-32-B		460-182365		09/20/2013 10:10	1	TAL EDI	MCC

Lab ID: 460-62993-33 **Client ID: PMP-15SE-SD**

Sample Date/Time: 09/13/2013 12:00 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-33-A		460-181663	460-181352	09/14/2013 14:59	1	TAL EDI	DAS
A:8260B	460-62993-A-33-A		460-181663	460-181352	09/17/2013 12:37	1	TAL EDI	AAT
P:3541	460-62993-E-33-B		460-182214	460-181718	09/17/2013 08:59	1	TAL EDI	HMP
A:8270C	460-62993-E-33-B		460-182214	460-181718	09/18/2013 23:21	1	TAL EDI	MTS
P:3546	460-62993-E-33-A		460-181811	460-181669	09/17/2013 05:03	1	TAL EDI	ARA
A:8082	460-62993-E-33-A		460-181811	460-181669	09/18/2013 02:50	1	TAL EDI	JHP
P:3546	460-62993-E-33-C		460-182075	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-33-C		460-182075	460-181800	09/19/2013 16:06	1	TAL EDI	HJK
A:Moisture	460-62993-E-33		460-181604		09/16/2013 17:00	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-33-B		460-182365		09/20/2013 10:10	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-34 **Client ID: PMP-31SE-VS**

Sample Date/Time: 09/13/2013 12:45 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-B-34-A		460-181813	460-181352	09/14/2013 15:01	1	TAL EDI	DAS
A:8260B	460-62993-B-34-A		460-181813	460-181352	09/17/2013 19:22	1	TAL EDI	AAT
P:3541	460-62993-E-34-B		460-182214	460-181718	09/17/2013 08:59	1	TAL EDI	HMP
A:8270C	460-62993-E-34-B		460-182214	460-181718	09/19/2013 04:28	1	TAL EDI	MTS
P:3546	460-62993-E-34-A		460-181811	460-181669	09/17/2013 05:03	1	TAL EDI	ARA
A:8082	460-62993-E-34-A		460-181811	460-181669	09/18/2013 03:07	1	TAL EDI	JHP
P:3546	460-62993-E-34-C		460-181947	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-34-C		460-181947	460-181800	09/19/2013 02:36	1	TAL EDI	HJK
A:Moisture	460-62993-E-34		460-181604		09/16/2013 17:00	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-34-B		460-182365		09/20/2013 10:10	1	TAL EDI	MCC

Lab ID: 460-62993-35 **Client ID: PMP-31SE-VD**

Sample Date/Time: 09/13/2013 12:50 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-35-A		460-181663	460-181352	09/14/2013 15:01	1	TAL EDI	DAS
A:8260B	460-62993-A-35-A		460-181663	460-181352	09/17/2013 13:27	1	TAL EDI	AAT
P:3541	460-62993-E-35-B		460-182214	460-181718	09/17/2013 08:59	1	TAL EDI	HMP
A:8270C	460-62993-E-35-B		460-182214	460-181718	09/18/2013 23:47	1	TAL EDI	MTS
P:3546	460-62993-E-35-A		460-181811	460-181669	09/17/2013 05:03	1	TAL EDI	ARA
A:8082	460-62993-E-35-A		460-181811	460-181669	09/18/2013 03:24	1	TAL EDI	JHP
P:3546	460-62993-E-35-C		460-181947	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-35-C		460-181947	460-181800	09/19/2013 02:51	1	TAL EDI	HJK
A:Moisture	460-62993-E-35		460-181604		09/16/2013 17:00	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-35-B		460-182365		09/20/2013 10:10	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-36 **Client ID: PMP-31SE-WT**

Sample Date/Time: 09/13/2013 12:55 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-36-A		460-181663	460-181352	09/14/2013 15:02	1	TAL EDI	DAS
A:8260B	460-62993-A-36-A		460-181663	460-181352	09/17/2013 13:52	1	TAL EDI	AAT
P:3541	460-62993-E-36-B		460-182214	460-181718	09/17/2013 08:59	1	TAL EDI	HMP
A:8270C	460-62993-E-36-B		460-182214	460-181718	09/19/2013 00:12	1	TAL EDI	MTS
P:3546	460-62993-E-36-A		460-181811	460-181669	09/17/2013 05:03	1	TAL EDI	ARA
A:8082	460-62993-E-36-A		460-181811	460-181669	09/18/2013 03:40	1	TAL EDI	JHP
P:3546	460-62993-E-36-C		460-182075	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-36-C		460-182075	460-181800	09/19/2013 16:21	1	TAL EDI	HJK
A:Moisture	460-62993-E-36		460-181604		09/16/2013 17:00	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-36-B		460-182365		09/20/2013 10:10	1	TAL EDI	MCC

Lab ID: 460-62993-37 **Client ID: PMP-32SE-VS**

Sample Date/Time: 09/13/2013 12:30 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-37-A		460-181663	460-181352	09/14/2013 15:03	1	TAL EDI	DAS
A:8260B	460-62993-A-37-A		460-181663	460-181352	09/17/2013 14:17	1	TAL EDI	AAT
P:3541	460-62993-E-37-B		460-182214	460-181718	09/17/2013 08:59	1	TAL EDI	HMP
A:8270C	460-62993-E-37-B		460-182214	460-181718	09/19/2013 04:54	1	TAL EDI	MTS
P:3546	460-62993-E-37-A		460-181811	460-181669	09/17/2013 05:03	1	TAL EDI	ARA
A:8082	460-62993-E-37-A		460-181811	460-181669	09/18/2013 03:55	1	TAL EDI	JHP
P:3546	460-62993-E-37-C		460-182075	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-37-C		460-182075	460-181800	09/19/2013 16:36	1	TAL EDI	HJK
A:Moisture	460-62993-E-37		460-181604		09/16/2013 17:00	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-37-B		460-182365		09/20/2013 10:10	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-38 **Client ID: PMP-32SE-VD**

Sample Date/Time: 09/13/2013 12:35 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-B-38-A		460-181813	460-181352	09/14/2013 15:04	1	TAL EDI	DAS
A:8260B	460-62993-B-38-A		460-181813	460-181352	09/17/2013 19:47	1	TAL EDI	AAT
P:3541	460-62993-E-38-B		460-182384	460-181718	09/17/2013 08:59	1	TAL EDI	HMP
A:8270C	460-62993-E-38-B		460-182384	460-181718	09/20/2013 09:57	1	TAL EDI	CAZ
P:3546	460-62993-E-38-A		460-181811	460-181669	09/17/2013 05:03	1	TAL EDI	ARA
A:8082	460-62993-E-38-A		460-181811	460-181669	09/18/2013 04:12	1	TAL EDI	JHP
P:3546	460-62993-E-38-C		460-182075	460-181800	09/17/2013 14:38	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-38-C		460-182075	460-181800	09/19/2013 16:51	10	TAL EDI	HJK
A:Moisture	460-62993-E-38		460-181604		09/16/2013 17:00	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-38-B		460-182365		09/20/2013 10:13	1	TAL EDI	MCC

Lab ID: 460-62993-39 **Client ID: PMP-32SE-WT**

Sample Date/Time: 09/13/2013 12:40 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-39-A		460-181663	460-181352	09/14/2013 15:04	1	TAL EDI	DAS
A:8260B	460-62993-A-39-A		460-181663	460-181352	09/17/2013 15:07	1	TAL EDI	AAT
P:3541	460-62993-E-39-B		460-182214	460-181718	09/17/2013 08:59	1	TAL EDI	HMP
A:8270C	460-62993-E-39-B		460-182214	460-181718	09/19/2013 02:46	1	TAL EDI	MTS
P:3546	460-62993-E-39-A		460-181811	460-181669	09/17/2013 05:03	1	TAL EDI	ARA
A:8082	460-62993-E-39-A		460-181811	460-181669	09/18/2013 04:29	1	TAL EDI	JHP
P:3546	460-62993-E-39-C		460-181947	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-39-C		460-181947	460-181800	09/19/2013 03:49	1	TAL EDI	HJK
A:Moisture	460-62993-E-39		460-181604		09/16/2013 17:00	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-39-B		460-182365		09/20/2013 10:13	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-40 **Client ID: DUP-091313**

Sample Date/Time: 09/13/2013 00:00 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-40-A		460-181813	460-181352	09/14/2013 15:05	1	TAL EDI	DAS
A:8260B	460-62993-A-40-A		460-181813	460-181352	09/17/2013 18:08	1	TAL EDI	AAT
P:3541	460-62993-E-40-B		460-182214	460-181718	09/17/2013 08:59	1	TAL EDI	HMP
A:8270C	460-62993-E-40-B		460-182214	460-181718	09/19/2013 03:12	1	TAL EDI	MTS
P:3546	460-62993-E-40-A		460-181811	460-181669	09/17/2013 05:03	1	TAL EDI	ARA
A:8082	460-62993-E-40-A		460-181811	460-181669	09/18/2013 04:46	1	TAL EDI	JHP
P:3546	460-62993-E-40-C		460-181947	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-40-C		460-181947	460-181800	09/19/2013 04:04	1	TAL EDI	HJK
A:Moisture	460-62993-E-40		460-181838		09/17/2013 17:13	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-40-B		460-182365		09/20/2013 10:18	1	TAL EDI	MCC

Lab ID: 460-62993-40 MS **Client ID: DUP-091313**

Sample Date/Time: 09/13/2013 00:00 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-62993-A-40-B MS		460-182365		09/20/2013 10:22	1	TAL EDI	MCC

Lab ID: 460-62993-40 MSD **Client ID: DUP-091313**

Sample Date/Time: 09/13/2013 00:00 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-62993-A-40-B MSD		460-182365		09/20/2013 10:22	1	TAL EDI	MCC

Lab ID: 460-62993-41 **Client ID: DUP1-091313**

Sample Date/Time: 09/13/2013 00:00 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-41-A		460-182287	460-181352	09/14/2013 15:06	1	TAL EDI	DAS
A:8260B	460-62993-A-41-A		460-182287	460-181352	09/20/2013 15:44	1	TAL EDI	AAT
P:3541	460-62993-E-41-B		460-182214	460-181718	09/17/2013 08:59	1	TAL EDI	HMP
A:8270C	460-62993-E-41-B		460-182214	460-181718	09/19/2013 00:38	1	TAL EDI	MTS
P:3546	460-62993-E-41-A		460-181779	460-181667	09/17/2013 04:50	1	TAL EDI	ARA
A:8082	460-62993-E-41-A		460-181779	460-181667	09/17/2013 13:23	1	TAL EDI	JHP
P:3546	460-62993-E-41-C		460-181947	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-41-C		460-181947	460-181800	09/19/2013 04:19	1	TAL EDI	HJK
A:Moisture	460-62993-E-41		460-181838		09/17/2013 17:13	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-41-B		460-182365		09/20/2013 10:19	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-42 **Client ID: DUP2-091313**

Sample Date/Time: 09/13/2013 00:00 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-42-A		460-181813	460-181352	09/14/2013 15:07	1	TAL EDI	DAS
A:8260B	460-62993-A-42-A		460-181813	460-181352	09/17/2013 18:33	1	TAL EDI	AAT
P:3541	460-62993-E-42-B		460-182214	460-181718	09/17/2013 08:59	1	TAL EDI	HMP
A:8270C	460-62993-E-42-B		460-182214	460-181718	09/19/2013 01:04	1	TAL EDI	MTS
P:3546	460-62993-E-42-A		460-181779	460-181667	09/17/2013 04:50	1	TAL EDI	ARA
A:8082	460-62993-E-42-A		460-181779	460-181667	09/17/2013 13:40	1	TAL EDI	JHP
P:3546	460-62993-E-42-C		460-182075	460-181802	09/17/2013 14:45	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-42-C		460-182075	460-181802	09/19/2013 18:48	1	TAL EDI	HJK
A:Moisture	460-62993-E-42		460-181838		09/17/2013 17:13	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-42-B		460-182365		09/20/2013 10:19	1	TAL EDI	MCC

Lab ID: 460-62993-43 **Client ID: DUP3-091313**

Sample Date/Time: 09/13/2013 00:00 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62993-A-43-A		460-181813	460-181352	09/14/2013 15:08	1	TAL EDI	DAS
A:8260B	460-62993-A-43-A		460-181813	460-181352	09/17/2013 18:58	1	TAL EDI	AAT
P:3541	460-62993-E-43-B		460-182214	460-181718	09/17/2013 08:59	1	TAL EDI	HMP
A:8270C	460-62993-E-43-B		460-182214	460-181718	09/19/2013 01:29	1	TAL EDI	MTS
P:3546	460-62993-E-43-A		460-181779	460-181667	09/17/2013 04:50	1	TAL EDI	ARA
A:8082	460-62993-E-43-A		460-181779	460-181667	09/17/2013 13:57	1	TAL EDI	JHP
P:3546	460-62993-E-43-E		460-182075	460-181802	09/17/2013 14:45	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-43-E		460-182075	460-181802	09/19/2013 18:33	1	TAL EDI	HJK
A:Moisture	460-62993-E-43		460-181838		09/17/2013 17:13	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62993-A-43-B		460-182365		09/20/2013 10:19	1	TAL EDI	MCC

Lab ID: 460-62993-43 MS **Client ID: DUP3-091313**

Sample Date/Time: 09/13/2013 00:00 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-62993-E-43-C MS		460-182075	460-181802	09/17/2013 14:45	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-43-C MS		460-182075	460-181802	09/19/2013 18:04	1	TAL EDI	HJK

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: 460-62993-43 MSD **Client ID: DUP3-091313**

Sample Date/Time: 09/13/2013 00:00 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-62993-E-43-D MSD		460-182075	460-181802	09/17/2013 14:45	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62993-E-43-D MSD		460-182075	460-181802	09/19/2013 18:18	1	TAL EDI	HJK

Lab ID: 460-62993-43 DU **Client ID: DUP3-091313**

Sample Date/Time: 09/13/2013 00:00 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-62993-E-43 DU		460-181838		09/17/2013 17:13	1	TAL EDI	ITR

Lab ID: 460-62993-44 **Client ID: FB-091313**

Sample Date/Time: 09/13/2013 13:00 Received Date/Time: 09/13/2013 16:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-62993-C-44		460-181697		09/17/2013 17:55	1	TAL EDI	EMM
A:8260B	460-62993-C-44		460-181697		09/17/2013 17:55	1	TAL EDI	EMM
P:3510C	460-62993-G-44-A		460-182282	460-181730	09/17/2013 09:45	1	TAL EDI	MDC
A:8270C	460-62993-G-44-A		460-182282	460-181730	09/20/2013 09:30	1	TAL EDI	VJR
P:3510C	460-62993-E-44-A		460-181958	460-181488	09/16/2013 08:47	1	TAL EDI	HAW
A:8082	460-62993-E-44-A		460-181958	460-181488	09/18/2013 05:30	1	TAL EDI	SAK
P:3510C	460-62993-I-44-A		460-181694	460-181476	09/16/2013 08:19	1	TAL EDI	HAW
A:NJ-OQA-QAM-025	460-62993-I-44-A		460-181694	460-181476	09/17/2013 09:56	1	TAL EDI	HJK
A:SM 4500 Cl- B	460-62993-H-44		460-182049		09/17/2013 16:00	1	TAL EDI	HTV

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	MB 460-181583/6		460-181583		09/16/2013 18:10	1	TAL EDI	AAT
A:8260B	MB 460-181663/7		460-181663		09/17/2013 07:38	1	TAL EDI	AAT
P:5030B	MB 460-181697/8		460-181697		09/17/2013 12:08	1	TAL EDI	EMM
A:8260B	MB 460-181697/8		460-181697		09/17/2013 12:08	1	TAL EDI	EMM
A:8260B	MB 460-181813/6		460-181813		09/17/2013 17:43	1	TAL EDI	AAT
A:8260B	MB 460-182095/8		460-182095		09/19/2013 14:19	50	TAL EDI	SZD
A:8260B	MB 460-182277/7		460-182277		09/20/2013 01:06	50	TAL EDI	KLB
A:8260B	MB 460-182287/7		460-182287		09/20/2013 07:50	1	TAL EDI	AAT
P:3541	MB 460-181707/1-A		460-181988	460-181707	09/17/2013 08:43	1	TAL EDI	HMP
A:8270C	MB 460-181707/1-A		460-181988	460-181707	09/18/2013 06:50	1	TAL EDI	VJR
P:3541	MB 460-181718/1-A		460-181988	460-181718	09/17/2013 08:59	1	TAL EDI	HMP
A:8270C	MB 460-181718/1-A		460-181988	460-181718	09/18/2013 07:16	1	TAL EDI	VJR
P:3510C	MB 460-181730/1-A		460-181879	460-181730	09/17/2013 09:45	1	TAL EDI	MDC
A:8270C	MB 460-181730/1-A		460-181879	460-181730	09/18/2013 10:33	1	TAL EDI	VJR
P:3541	MB 460-181712/1-A		460-182161	460-181712	09/17/2013 08:50	1	TAL EDI	HMP
A:8270C	MB 460-181712/1-A		460-182161	460-181712	09/19/2013 13:55	1	TAL EDI	VJR
P:3541	MB 460-182330/1-A		460-182394	460-182330	09/20/2013 08:59	1	TAL EDI	HMP
A:8270C	MB 460-182330/1-A		460-182394	460-182330	09/20/2013 22:11	1	TAL EDI	MMC
P:3546	MB 460-181667/1-A		460-181717	460-181667	09/17/2013 04:50	1	TAL EDI	ARA
A:8082	MB 460-181667/1-A		460-181717	460-181667	09/17/2013 08:38	1	TAL EDI	CDC
P:3546	MB 460-181668/1-A		460-181786	460-181668	09/17/2013 04:59	1	TAL EDI	ARA
A:8082	MB 460-181668/1-A		460-181786	460-181668	09/17/2013 15:05	1	TAL EDI	JHP
P:3546	MB 460-181669/1-A		460-181811	460-181669	09/17/2013 05:03	1	TAL EDI	ARA
A:8082	MB 460-181669/1-A		460-181811	460-181669	09/17/2013 22:29	1	TAL EDI	JHP
P:3510C	MB 460-181488/1-A		460-181958	460-181488	09/16/2013 08:47	1	TAL EDI	HAW
A:8082	MB 460-181488/1-A		460-181958	460-181488	09/18/2013 02:07	1	TAL EDI	SAK
P:3510C	MB 460-181476/1-A		460-181694	460-181476	09/16/2013 08:19	1	TAL EDI	HAW
A:NJ-OQA-QAM-025	MB 460-181476/1-A		460-181694	460-181476	09/17/2013 08:57	1	TAL EDI	HJK
P:3546	MB 460-181553/1-A		460-181694	460-181553	09/16/2013 12:59	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	MB 460-181553/1-A		460-181694	460-181553	09/17/2013 18:01	1	TAL EDI	HJK
P:3546	MB 460-181554/1-A		460-181694	460-181554	09/16/2013 13:05	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	MB 460-181554/1-A		460-181694	460-181554	09/18/2013 01:21	1	TAL EDI	HJK
P:3546	MB 460-181994/1-A		460-182075	460-181994	09/18/2013 12:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	MB 460-181994/1-A		460-182075	460-181994	09/19/2013 08:01	1	TAL EDI	HJK
P:3546	MB 460-181800/1-A		460-182075	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	MB 460-181800/1-A		460-182075	460-181800	09/19/2013 14:53	1	TAL EDI	HJK
P:3546	MB 460-181802/1-A		460-182075	460-181802	09/17/2013 14:45	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	MB 460-181802/1-A		460-182075	460-181802	09/19/2013 17:34	1	TAL EDI	HJK
A:SM 4500 Cl- B	MB 460-182049/1		460-182049		09/17/2013 16:00	1	TAL EDI	HTV
A:SM 4500 Cl- E	MB 460-182249/93		460-182249		09/19/2013 16:20	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	MB 460-182249/113		460-182249		09/19/2013 16:33	1	TAL EDI	MCC
A:SM 4500 Cl- E	MB 460-182365/27		460-182365		09/20/2013 09:48	1	TAL EDI	MCC
A:SM 4500 Cl- E	MB 460-182365/47		460-182365		09/20/2013 10:01	1	TAL EDI	MCC
A:SM 4500 Cl- E	MB 460-182365/65		460-182365		09/20/2013 10:08	1	TAL EDI	MCC
A:SM 4500 Cl- E	MB 460-182365/83		460-182365		09/20/2013 10:16	1	TAL EDI	MCC

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 460-181844/1-A		460-182249		09/19/2013 16:20	1	TAL EDI	MCC
A:SM 4500 Cl- E	LB 460-182048/1-A		460-182249		09/19/2013 16:20	1	TAL EDI	MCC
A:SM 4500 Cl- E	LB 460-182048/1-A		460-182249		09/19/2013 16:33	1	TAL EDI	MCC
A:SM 4500 Cl- E	LB 460-182048/1-A		460-182365		09/20/2013 09:48	1	TAL EDI	MCC
A:SM 4500 Cl- E	LB 460-182050/1-A		460-182365		09/20/2013 09:48	1	TAL EDI	MCC
A:SM 4500 Cl- E	LB 460-182050/1-A		460-182365		09/20/2013 10:01	1	TAL EDI	MCC
A:SM 4500 Cl- E	LB 460-182050/1-A		460-182365		09/20/2013 10:10	1	TAL EDI	MCC
A:SM 4500 Cl- E	LB 460-182052/1-A		460-182365		09/20/2013 10:18	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	LCS 460-181583/3		460-181583		09/16/2013 16:34	1	TAL EDI	AAT
A:8260B	LCS 460-181663/4		460-181663		09/17/2013 05:54	1	TAL EDI	AAT
P:5030B	LCS 460-181697/5		460-181697		09/17/2013 10:41	1	TAL EDI	EMM
A:8260B	LCS 460-181697/5		460-181697		09/17/2013 10:41	1	TAL EDI	EMM
A:8260B	LCS 460-181813/3		460-181813		09/17/2013 16:15	1	TAL EDI	AAT
A:8260B	LCS 460-182095/5		460-182095		09/19/2013 12:40	50	TAL EDI	SZD
A:8260B	LCS 460-182277/4		460-182277		09/19/2013 23:58	50	TAL EDI	KLB
A:8260B	LCS 460-182287/4		460-182287		09/20/2013 06:19	1	TAL EDI	AAT
P:3541	LCS 460-181707/2-A		460-181988	460-181707	09/17/2013 08:43	1	TAL EDI	HMP
A:8270C	LCS 460-181707/2-A		460-181988	460-181707	09/18/2013 05:58	1	TAL EDI	VJR
P:3541	LCS 460-181718/2-A		460-181988	460-181718	09/17/2013 08:59	1	TAL EDI	HMP
A:8270C	LCS 460-181718/2-A		460-181988	460-181718	09/18/2013 06:24	1	TAL EDI	VJR
P:3510C	LCS 460-181730/2-A		460-182022	460-181730	09/17/2013 09:45	1	TAL EDI	MDC
A:8270C	LCS 460-181730/2-A		460-182022	460-181730	09/18/2013 18:28	1	TAL EDI	MMC
P:3541	LCS 460-181712/2-A		460-182161	460-181712	09/17/2013 08:50	1	TAL EDI	HMP
A:8270C	LCS 460-181712/2-A		460-182161	460-181712	09/19/2013 15:05	1	TAL EDI	VJR
P:3541	LCS 460-182330/2-A		460-182639	460-182330	09/20/2013 08:59	1	TAL EDI	HMP
A:8270C	LCS 460-182330/2-A		460-182639	460-182330	09/23/2013 10:23	1	TAL EDI	MMC
P:3546	LCS 460-181667/2-A		460-181717	460-181667	09/17/2013 04:50	1	TAL EDI	ARA
A:8082	LCS 460-181667/2-A		460-181717	460-181667	09/17/2013 08:57	1	TAL EDI	CDC
P:3546	LCS 460-181668/2-A		460-181786	460-181668	09/17/2013 04:59	1	TAL EDI	ARA
A:8082	LCS 460-181668/2-A		460-181786	460-181668	09/17/2013 15:22	1	TAL EDI	JHP
P:3546	LCS 460-181669/2-A		460-181811	460-181669	09/17/2013 05:03	1	TAL EDI	ARA
A:8082	LCS 460-181669/2-A		460-181811	460-181669	09/17/2013 22:46	1	TAL EDI	JHP
P:3510C	LCS 460-181488/2-A		460-181958	460-181488	09/16/2013 08:47	1	TAL EDI	HAW
A:8082	LCS 460-181488/2-A		460-181958	460-181488	09/18/2013 02:24	1	TAL EDI	SAK
P:3510C	LCS 460-181476/2-A		460-181694	460-181476	09/16/2013 08:19	1	TAL EDI	HAW
A:NJ-OQA-QAM-025	LCS 460-181476/2-A		460-181694	460-181476	09/17/2013 09:12	1	TAL EDI	HJK
P:3546	LCS 460-181553/2-A		460-181694	460-181553	09/16/2013 12:59	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	LCS 460-181553/2-A		460-181694	460-181553	09/17/2013 18:15	1	TAL EDI	HJK
P:3546	LCS 460-181554/2-A		460-181694	460-181554	09/16/2013 13:05	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	LCS 460-181554/2-A		460-181694	460-181554	09/18/2013 01:36	1	TAL EDI	HJK
P:3546	LCS 460-181994/2-A		460-182075	460-181994	09/18/2013 12:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	LCS 460-181994/2-A		460-182075	460-181994	09/19/2013 08:53	1	TAL EDI	HJK
P:3546	LCS 460-181800/2-A		460-182075	460-181800	09/17/2013 14:38	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	LCS 460-181800/2-A		460-182075	460-181800	09/19/2013 15:08	1	TAL EDI	HJK
P:3546	LCS 460-181802/2-A		460-182075	460-181802	09/17/2013 14:45	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	LCS 460-181802/2-A		460-182075	460-181802	09/19/2013 17:49	1	TAL EDI	HJK

Client: Antea USA, Inc. Job Number: 460-62993-1

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 460-181583/4		460-181583		09/16/2013 16:59	1	TAL EDI	AAT
A:8260B	LCSD 460-181663/5		460-181663		09/17/2013 06:19	1	TAL EDI	AAT
A:8260B	LCSD 460-181813/4		460-181813		09/17/2013 16:40	1	TAL EDI	AAT
A:8260B	LCSD 460-182287/5		460-182287		09/20/2013 06:45	1	TAL EDI	AAT
P:3510C	LCSD 460-181730/3-A		460-182282	460-181730	09/17/2013 09:45	1	TAL EDI	MDC
A:8270C	LCSD 460-181730/3-A		460-182282	460-181730	09/20/2013 09:08	1	TAL EDI	VJR
P:3510C	LCSD 460-181488/3-A		460-181958	460-181488	09/16/2013 08:47	1	TAL EDI	HAW
A:8082	LCSD 460-181488/3-A		460-181958	460-181488	09/18/2013 02:40	1	TAL EDI	SAK
P:3510C	LCSD 460-181476/3-A		460-181694	460-181476	09/16/2013 08:19	1	TAL EDI	HAW
A:NJ-OQA-QAM-025	LCSD 460-181476/3-A		460-181694	460-181476	09/17/2013 09:26	1	TAL EDI	HJK

Lab ID: LCSSRM **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- B	LCSSRM 460-182049/2		460-182049		09/17/2013 16:00	1	TAL EDI	HTV
A:SM 4500 Cl- E	LCSSRM 460-182249/94		460-182249		09/19/2013 16:20	1	TAL EDI	MCC
A:SM 4500 Cl- E	LCSSRM 460-182249/114		460-182249		09/19/2013 16:33	1	TAL EDI	MCC
A:SM 4500 Cl- E	LCSSRM 460-182365/28		460-182365		09/20/2013 09:48	1	TAL EDI	MCC
A:SM 4500 Cl- E	LCSSRM 460-182365/48		460-182365		09/20/2013 10:01	1	TAL EDI	MCC
A:SM 4500 Cl- E	LCSSRM 460-182365/66		460-182365		09/20/2013 10:08	1	TAL EDI	MCC
A:SM 4500 Cl- E	LCSSRM 460-182365/84		460-182365		09/20/2013 10:16	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: **MS** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-62772-C-2 MS		460-181697		09/17/2013 15:26	20	TAL EDI	EMM
A:8260B	460-62772-C-2 MS		460-181697		09/17/2013 15:26	20	TAL EDI	EMM
P:5035	460-62968-A-6-A MS		460-182095	460-181329	09/14/2013 11:31	100	TAL EDI	DAS
A:8260B	460-62968-A-6-A MS		460-182095	460-181329	09/19/2013 15:13	100	TAL EDI	SZD
P:5035	460-62871-A-1-A MS		460-182277	460-181796	09/17/2013 14:23	100	TAL EDI	MEB
A:8260B	460-62871-A-1-A MS		460-182277	460-181796	09/20/2013 05:18	100	TAL EDI	KLB
P:3541	460-63294-E-2-B MS		460-182469	460-182330	09/20/2013 08:59	1	TAL EDI	HMP
A:8270C	460-63294-E-2-B MS		460-182469	460-182330	09/21/2013 12:33	1	TAL EDI	BAW
P:3541	460-62433-A-7-A MS		460-182720	460-181707	09/17/2013 08:43	1	TAL EDI	HMP
A:8270C	460-62433-A-7-A MS		460-182720	460-181707	09/23/2013 11:51	1	TAL EDI	CAZ
P:3546	460-63014-A-1-H MS		460-181717	460-181667	09/17/2013 04:50	1	TAL EDI	ARA
A:8082	460-63014-A-1-H MS		460-181717	460-181667	09/17/2013 09:54	1	TAL EDI	CDC
P:3546	460-62968-E-35-F MS		460-181694	460-181553	09/16/2013 12:59	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-35-F MS		460-181694	460-181553	09/17/2013 18:30	1	TAL EDI	HJK
A:SM 4500 Cl- B	460-62915-B-2 MS		460-182049		09/17/2013 16:00	1	TAL EDI	HTV
A:SM 4500 Cl- E	460-62968-A-37-B MS		460-182249		09/19/2013 16:24	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62993-1

Laboratory Chronicle

Lab ID: MSD **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-62772-C-2 MSD		460-181697		09/17/2013 15:51	20	TAL EDI	EMM
A:8260B	460-62772-C-2 MSD		460-181697		09/17/2013 15:51	20	TAL EDI	EMM
P:5035	460-62968-A-6-A MSD		460-182095	460-181329	09/14/2013 11:31	100	TAL EDI	DAS
A:8260B	460-62968-A-6-A MSD		460-182095	460-181329	09/19/2013 15:36	100	TAL EDI	SZD
P:5035	460-62871-A-1-A MSD		460-182277	460-181796	09/17/2013 14:23	100	TAL EDI	MEB
A:8260B	460-62871-A-1-A MSD		460-182277	460-181796	09/20/2013 05:42	100	TAL EDI	KLB
P:3541	460-63294-E-2-C MSD		460-182469	460-182330	09/20/2013 08:59	1	TAL EDI	HMP
A:8270C	460-63294-E-2-C MSD		460-182469	460-182330	09/21/2013 13:02	1	TAL EDI	BAW
P:3541	460-62433-A-7-B MSD		460-182720	460-181707	09/17/2013 08:43	1	TAL EDI	HMP
A:8270C	460-62433-A-7-B MSD		460-182720	460-181707	09/23/2013 12:16	1	TAL EDI	CAZ
P:3546	460-63014-A-1-I MSD		460-181717	460-181667	09/17/2013 04:50	1	TAL EDI	ARA
A:8082	460-63014-A-1-I MSD		460-181717	460-181667	09/17/2013 10:13	1	TAL EDI	CDC
P:3546	460-62968-E-35-G MSD		460-181694	460-181553	09/16/2013 12:59	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-35-G MSD		460-181694	460-181553	09/17/2013 18:45	1	TAL EDI	HJK
A:SM 4500 Cl- B	460-62915-B-2 MSD		460-182049		09/17/2013 16:00	1	TAL EDI	HTV
A:SM 4500 Cl- E	460-62968-A-37-B MSD		460-182249		09/19/2013 16:24	1	TAL EDI	MCC

Lab ID: DU **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-62816-D-1 DU		460-181604		09/16/2013 17:00	1	TAL EDI	ITR

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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
PMP-6SE-VD	460-62993-1	102	117	105	100
PMP-5SE-VD	460-62993-4	106	122	106	98
PMP-8SE-VS	460-62993-7	108	128	112	99
PMP-8SE-VD	460-62993-8	98	116	107	98
PMP-8SE-WT	460-62993-9	101	114	110	101
PMP-4SE-VS	460-62993-10	100	115	110	100
PMP-4SE-VD	460-62993-11	99	117	108	99
PMP-4SE-WT	460-62993-12	97	114	109	100
PMP-14SE-VS	460-62993-13	79	91	86	80
PMP-14SE-VD	460-62993-14	99	117	106	97
PMP-14SE-WT	460-62993-15	101	122	109	100
PMP-25SE-VS	460-62993-16	99	117	109	99
PMP-25SE-VD	460-62993-17	98	114	107	99
PMP-25SE-WT	460-62993-18	98	115	106	98
PMP-10SE-VD	460-62993-22	102	116	110	99
PMP-10SE-WT	460-62993-23	103	118	109	93
PMP-10SE-SI	460-62993-24	97	113	107	98
PMP-10SE-SD	460-62993-25	97	110	106	97
PMP-13SE-VD	460-62993-26	108	125	108	104
PMP-13SE-WT	460-62993-27	98	113	108	97
PMP-13SE-SD	460-62993-29	101	116	108	98
PMP-15SE-VD	460-62993-30	99	114	106	98
PMP-15SE-WT	460-62993-31	101	119	108	99
PMP-15SE-SI	460-62993-32	100	114	106	99
PMP-15SE-SD	460-62993-33	103	119	108	101
PMP-31SE-VS	460-62993-34	104	116	107	98
PMP-31SE-VD	460-62993-35	106	123	111	104
PMP-31SE-WT	460-62993-36	104	116	108	99
PMP-32SE-VS	460-62993-37	103	118	110	100
PMP-32SE-VD	460-62993-38	105	118	108	99
PMP-32SE-WT	460-62993-39	78	89	85	78
DUP-091313	460-62993-40	105	120	112	104
DUP1-091313	460-62993-41	107	126	106	94
DUP2-091313	460-62993-42	102	111	106	98
DUP3-091313	460-62993-43	103	114	112	104

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
	MB 460-181583/6	103	114	112	102
	MB 460-181663/7	98	113	108	99
	MB 460-181813/6	101	112	108	99
	MB 460-182287/7	99	119	105	96
	LCS 460-181583/3	103	113	107	103
	LCS 460-181663/4	100	113	109	101
	LCS 460-181813/3	98	111	109	99
	LCS 460-182287/4	105	118	108	99
	LCSD 460-181583/4	96	107	104	98
	LCSD 460-181663/5	99	113	107	99
	LCSD 460-181813/4	98	108	109	99
	LCSD 460-182287/5	107	120	107	101

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM	#	DCA	#	TOL	#	BFB	#
PMP-6SE-WT	460-62993-2	84		92		78		86	
PMP-6SE-SI	460-62993-3	93		94		84		92	
PMP-5SE-WT	460-62993-5	94		97		86		95	
PMP-5SE-SI	460-62993-6	89		92		84		92	
PMP-7SE-VD	460-62993-19	154	X	156	X	138		150	X
PMP-7SE-WT	460-62993-20	89		92		83		89	
PMP-7SE-SI	460-62993-21	86		93		81		87	
PMP-13SE-SI	460-62993-28	84		91		80		88	
	MB 460-182095/8	96		97		96		92	
	MB 460-182277/7	99		101		102		97	
	LCS 460-182095/5	99		99		98		93	
	LCS 460-182277/4	98		100		99		94	
	460-62968-A-6-A MS	88		86		74		81	
	460-62871-A-1-A MS	90		91		77		85	
	460-62968-A-6-A MSD	91		91		78		83	
	460-62871-A-1-A MSD	90		91		79		88	

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	75-135
TOL = Toluene-d8 (Surr)	59-150
BFB = Bromofluorobenzene	72-133

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
FB-091313	460-62993-44	104	103	93	99
	MB 460-181697/8	108	109	99	105
	LCS 460-181697/5	99	98	96	109
	460-62772-C-2 MS	103	102	95	110
	460-62772-C-2 MSD	107	104	101	117

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O77910.D

Lab ID: LCS 460-181583/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	19.6	98	50-151	
Bromomethane	20.0	21.9	110	54-142	
Vinyl chloride	20.0	20.5	102	67-133	
Chloroethane	20.0	20.3	102	56-146	
Methylene Chloride	20.0	19.2	96	74-137	
Acetone	100	140	140	27-164	
Carbon disulfide	20.0	17.1	86	72-128	
Trichlorofluoromethane	20.0	22.4	112	61-139	
1,1-Dichloroethene	20.0	18.4	92	71-126	
1,1-Dichloroethane	20.0	17.2	86	76-125	
trans-1,2-Dichloroethene	20.0	19.0	95	75-122	
cis-1,2-Dichloroethene	20.0	18.5	93	80-120	
Chloroform	20.0	18.7	94	77-120	
2-Butanone	100	95.6	96	77-117	
1,2-Dichloroethane	20.0	19.9	99	76-118	
1,1,1-Trichloroethane	20.0	20.1	100	78-117	
Carbon tetrachloride	20.0	20.2	101	79-118	
Benzene	20.0	18.1	91	77-117	
Bromoform	20.0	19.3	97	59-125	
Styrene	20.0	19.3	97	82-122	
Ethylbenzene	20.0	19.3	96	81-121	
Chlorobenzene	20.0	19.1	95	80-120	
Cyclohexane	20.0	17.0	85	80-121	
Isopropylbenzene	20.0	19.4	97	65-129	
2-Hexanone	100	104	104	70-122	
MTBE	20.0	22.6	113	78-120	
Freon TF	20.0	18.9	94	73-123	
Methyl acetate	100	98.9	99	73-137	
1,4-Dioxane	400	409	102	69-131	
Trichloroethene	20.0	19.2	96	79-119	
Toluene	20.0	18.9	94	75-115	
trans-1,3-Dichloropropene	20.0	20.9	105	67-121	
4-Methyl-2-pentanone	100	95.5	96	68-120	
cis-1,3-Dichloropropene	20.0	20.0	100	80-123	
1,2-Dichlorobenzene	20.0	19.2	96	80-120	
1,3-Dichlorobenzene	20.0	19.2	96	80-120	
1,4-Dichlorobenzene	20.0	18.7	94	80-120	
1,2,4-Trichlorobenzene	20.0	18.1	91	80-120	
1,2,3-Trichlorobenzene	20.0	18.0	90	75-121	
1,2-Dichloropropane	20.0	17.6	88	82-122	
Methylcyclohexane	20.0	19.8	99	78-118	
Tetrachloroethene	20.0	19.0	95	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O77910.D

Lab ID: LCS 460-181583/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	39.1	98	82-122	
1,2-Dibromo-3-Chloropropane	20.0	21.6	108	74-118	
1,1,2,2-Tetrachloroethane	20.0	18.8	94	79-122	
1,1,2-Trichloroethane	20.0	19.6	98	73-118	
Dibromochloromethane	20.0	20.8	104	68-120	
1,2-Dibromoethane	20.0	20.2	101	75-117	
Dichlorodifluoromethane	20.0	23.3	116	52-144	
Bromochloromethane	20.0	18.9	94	74-125	
Bromodichloromethane	20.0	19.0	95	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O77940.D

Lab ID: LCS 460-181663/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	14.5	73	50-151	
Bromomethane	20.0	20.0	100	54-142	
Vinyl chloride	20.0	19.6	98	67-133	
Chloroethane	20.0	18.6	93	56-146	
Methylene Chloride	20.0	17.9	89	74-137	
Acetone	100	155	155	27-164	
Carbon disulfide	20.0	16.5	83	72-128	
Trichlorofluoromethane	20.0	21.9	109	61-139	
1,1-Dichloroethene	20.0	18.0	90	71-126	
1,1-Dichloroethane	20.0	17.1	85	76-125	
trans-1,2-Dichloroethene	20.0	19.1	96	75-122	
cis-1,2-Dichloroethene	20.0	18.9	94	80-120	
Chloroform	20.0	18.8	94	77-120	
2-Butanone	100	86.6	87	77-117	
1,2-Dichloroethane	20.0	20.4	102	76-118	
1,1,1-Trichloroethane	20.0	20.6	103	78-117	
Carbon tetrachloride	20.0	20.3	102	79-118	
Benzene	20.0	18.9	95	77-117	
Bromoform	20.0	19.3	96	59-125	
Styrene	20.0	19.8	99	82-122	
Ethylbenzene	20.0	19.8	99	81-121	
Chlorobenzene	20.0	19.2	96	80-120	
Cyclohexane	20.0	17.7	88	80-121	
Isopropylbenzene	20.0	19.3	96	65-129	
2-Hexanone	100	107	107	70-122	
MTBE	20.0	23.6	118	78-120	
Freon TF	20.0	19.2	96	73-123	
Methyl acetate	100	103	103	73-137	
1,4-Dioxane	400	337	84	69-131	
Trichloroethene	20.0	18.8	94	79-119	
Toluene	20.0	19.6	98	75-115	
trans-1,3-Dichloropropene	20.0	21.6	108	67-121	
4-Methyl-2-pentanone	100	101	101	68-120	
cis-1,3-Dichloropropene	20.0	20.2	101	80-123	
1,2-Dichlorobenzene	20.0	19.1	96	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	18.3	91	80-120	
1,2,3-Trichlorobenzene	20.0	18.5	93	75-121	
1,2-Dichloropropane	20.0	18.1	91	82-122	
Methylcyclohexane	20.0	20.1	100	78-118	
Tetrachloroethene	20.0	19.2	96	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O77940.D

Lab ID: LCS 460-181663/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	39.7	99	82-122	
1,2-Dibromo-3-Chloropropane	20.0	22.2	111	74-118	
1,1,2,2-Tetrachloroethane	20.0	19.8	99	79-122	
1,1,2-Trichloroethane	20.0	19.9	99	73-118	
Dibromochloromethane	20.0	21.3	107	68-120	
1,2-Dibromoethane	20.0	20.7	104	75-117	
Dichlorodifluoromethane	20.0	23.0	115	52-144	
Bromochloromethane	20.0	19.4	97	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 RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J04327.D

Lab ID: LCS 460-181697/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	18.2	91	58-146	
Bromomethane	20.0	17.6	88	55-153	
Vinyl chloride	20.0	18.7	94	61-144	
Chloroethane	20.0	18.7	94	69-145	
Methylene Chloride	20.0	18.2	91	79-119	
Acetone	100	105	105	45-156	
Carbon disulfide	20.0	18.9	94	58-139	
Trichlorofluoromethane	20.0	18.9	94	69-147	
1,1-Dichloroethene	20.0	18.4	92	56-139	
1,1-Dichloroethane	20.0	18.2	91	78-122	
trans-1,2-Dichloroethene	20.0	18.5	93	75-122	
cis-1,2-Dichloroethene	20.0	18.0	90	80-120	
Chloroform	20.0	18.1	90	82-123	
2-Butanone	100	89.7	90	65-114	
1,2-Dichloroethane	20.0	18.9	95	74-118	
1,1,1-Trichloroethane	20.0	19.5	98	74-128	
Carbon tetrachloride	20.0	22.0	110	73-120	
Benzene	20.0	18.1	90	83-124	
Bromoform	20.0	21.2	106	73-123	
Styrene	20.0	18.2	91	69-112	
Ethylbenzene	20.0	17.2	86	79-126	
Chlorobenzene	20.0	18.6	93	81-121	
Cyclohexane	20.0	17.4	87	58-133	
Isopropylbenzene	20.0	18.8	94	80-125	
2-Hexanone	100	83.8	84	53-121	
MTBE	20.0	17.1	85	71-115	
Freon TF	20.0	20.5	102	47-139	
Methyl acetate	100	103	103	50-151	
1,4-Dioxane	400	456	114	52-126	
Trichloroethene	20.0	18.4	92	78-119	
Toluene	20.0	18.1	90	80-120	
trans-1,3-Dichloropropene	20.0	15.7	79	78-118	
4-Methyl-2-pentanone	100	92.2	92	53-120	
cis-1,3-Dichloropropene	20.0	17.3	87	80-120	
1,2-Dichlorobenzene	20.0	17.9	90	82-122	
1,3-Dichlorobenzene	20.0	17.5	87	81-126	
1,4-Dichlorobenzene	20.0	17.5	88	83-123	
1,2,4-Trichlorobenzene	20.0	17.3	87	66-120	
1,2,3-Trichlorobenzene	20.0	18.2	91	76-123	
1,2-Dichloropropane	20.0	17.1	85	80-120	
Methylcyclohexane	20.0	17.3	87	61-129	
Tetrachloroethene	20.0	21.1	105	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.: 460-62993-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J04327.D

Lab ID: LCS 460-181697/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	34.8	87	76-121	
1,2-Dibromo-3-Chloropropane	20.0	17.0	85	70-116	
1,1,2,2-Tetrachloroethane	20.0	17.4	87	74-126	
1,1,2-Trichloroethane	20.0	18.4	92	79-119	
Dibromochloromethane	20.0	19.8	99	80-120	
1,2-Dibromoethane	20.0	18.6	93	78-118	
Dichlorodifluoromethane	20.0	20.4	102	46-145	
Bromochloromethane	20.0	19.5	97	80-121	
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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O77964.D

Lab ID: LCS 460-181813/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	15.5	77	50-151	
Bromomethane	20.0	21.1	106	54-142	
Vinyl chloride	20.0	19.4	97	67-133	
Chloroethane	20.0	19.7	99	56-146	
Methylene Chloride	20.0	17.5	87	74-137	
Acetone	100	134	134	27-164	
Carbon disulfide	20.0	16.3	82	72-128	
Trichlorofluoromethane	20.0	21.4	107	61-139	
1,1-Dichloroethene	20.0	18.0	90	71-126	
1,1-Dichloroethane	20.0	16.1	81	76-125	
trans-1,2-Dichloroethene	20.0	18.3	91	75-122	
cis-1,2-Dichloroethene	20.0	17.7	88	80-120	
Chloroform	20.0	18.2	91	77-120	
2-Butanone	100	85.4	85	77-117	
1,2-Dichloroethane	20.0	19.7	99	76-118	
1,1,1-Trichloroethane	20.0	19.8	99	78-117	
Carbon tetrachloride	20.0	20.2	101	79-118	
Benzene	20.0	18.9	94	77-117	
Bromoform	20.0	18.5	93	59-125	
Styrene	20.0	19.0	95	82-122	
Ethylbenzene	20.0	18.9	94	81-121	
Chlorobenzene	20.0	18.8	94	80-120	
Cyclohexane	20.0	17.4	87	80-121	
Isopropylbenzene	20.0	19.3	96	65-129	
2-Hexanone	100	101	101	70-122	
MTBE	20.0	22.6	113	78-120	
Freon TF	20.0	18.5	93	73-123	
Methyl acetate	100	96.9	97	73-137	
1,4-Dioxane	400	391	98	69-131	
Trichloroethene	20.0	20.0	100	79-119	
Toluene	20.0	19.3	96	75-115	
trans-1,3-Dichloropropene	20.0	21.1	106	67-121	
4-Methyl-2-pentanone	100	99.0	99	68-120	
cis-1,3-Dichloropropene	20.0	19.9	99	80-123	
1,2-Dichlorobenzene	20.0	19.4	97	80-120	
1,3-Dichlorobenzene	20.0	19.7	98	80-120	
1,4-Dichlorobenzene	20.0	19.4	97	80-120	
1,2,4-Trichlorobenzene	20.0	17.9	90	80-120	
1,2,3-Trichlorobenzene	20.0	18.6	93	75-121	
1,2-Dichloropropane	20.0	17.8	89	82-122	
Methylcyclohexane	20.0	19.8	99	78-118	
Tetrachloroethene	20.0	19.7	99	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O77964.D

Lab ID: LCS 460-181813/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	39.5	99	82-122	
1,2-Dibromo-3-Chloropropane	20.0	22.0	110	74-118	
1,1,2,2-Tetrachloroethane	20.0	18.7	94	79-122	
1,1,2-Trichloroethane	20.0	19.7	99	73-118	
Dibromochloromethane	20.0	20.1	101	68-120	
1,2-Dibromoethane	20.0	20.4	102	75-117	
Dichlorodifluoromethane	20.0	21.7	108	52-144	
Bromochloromethane	20.0	18.4	92	74-125	
Bromodichloromethane	20.0	19.7	98	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60671.D

Lab ID: LCS 460-182095/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	1000	952	95	52-144	
Bromomethane	1000	1050	105	58-154	
Vinyl chloride	1000	946	95	55-154	
Chloroethane	1000	1110	111	66-144	
Methylene Chloride	1000	908	91	78-118	
Acetone	5000	3930	79	48-177	
Carbon disulfide	1000	799	80	70-120	
Trichlorofluoromethane	1000	1140	114	60-148	
1,1-Dichloroethene	1000	676	68	68-138	
1,1-Dichloroethane	1000	902	90	79-119	
trans-1,2-Dichloroethene	1000	895	90	73-119	
cis-1,2-Dichloroethene	1000	929	93	78-118	
Chloroform	1000	904	90	81-122	
2-Butanone	5000	4170	83	70-139	
1,2-Dichloroethane	1000	862	86	81-121	
1,1,1-Trichloroethane	1000	865	86	78-118	
Carbon tetrachloride	1000	875	88	64-130	
Benzene	1000	893	89	71-118	
Bromoform	1000	850	85	76-133	
Styrene	1000	909	91	73-126	
Ethylbenzene	1000	871	87	78-124	
Chlorobenzene	1000	865	86	69-124	
Cyclohexane	1000	844	84	69-128	
Isopropylbenzene	1000	866	87	80-143	
2-Hexanone	5000	3990	80	62-123	
MTBE	1000	960	96	65-143	
Freon TF	1000	692	69	50-128	
Methyl acetate	5000	4170	83	72-165	
1,4-Dioxane	20000	18900	95	54-147	
Trichloroethene	1000	837	84	82-122	
Toluene	1000	870	87	79-136	
trans-1,3-Dichloropropene	1000	901	90	73-118	
4-Methyl-2-pentanone	5000	4230	85	69-124	
cis-1,3-Dichloropropene	1000	904	90	75-120	
1,2-Dichlorobenzene	1000	863	86	83-123	
1,3-Dichlorobenzene	1000	876	88	83-123	
1,4-Dichlorobenzene	1000	855	85	84-124	
1,2,4-Trichlorobenzene	1000	762	76	62-144	
1,2,3-Trichlorobenzene	1000	854	85	36-207	
1,2-Dichloropropane	1000	840	84	78-118	
Methylcyclohexane	1000	787	79	80-134	*
Tetrachloroethene	1000	840	84	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60671.D

Lab ID: LCS 460-182095/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	2000	1770	88	78-126	
1,2-Dibromo-3-Chloropropane	1000	1290	129	62-127	*
1,1,2,2-Tetrachloroethane	1000	896	90	86-145	
1,1,2-Trichloroethane	1000	858	86	77-120	
Dibromochloromethane	1000	859	86	78-118	
1,2-Dibromoethane	1000	854	85	76-120	
Dichlorodifluoromethane	1000	899	90	41-149	
Bromochloromethane	1000	854	85	81-121	
Bromodichloromethane	1000	834	83	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60699.D

Lab ID: LCS 460-182277/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	1000	842	84	52-144	
Bromomethane	1000	893	89	58-154	
Vinyl chloride	1000	870	87	55-154	
Chloroethane	1000	1090	109	66-144	
Methylene Chloride	1000	933	93	78-118	
Acetone	5000	3800	76	48-177	
Carbon disulfide	1000	748	75	70-120	
Trichlorofluoromethane	1000	912	91	60-148	
1,1-Dichloroethene	1000	890	89	68-138	
1,1-Dichloroethane	1000	978	98	79-119	
trans-1,2-Dichloroethene	1000	967	97	73-119	
cis-1,2-Dichloroethene	1000	955	96	78-118	
Chloroform	1000	980	98	81-122	
2-Butanone	5000	4680	94	70-139	
1,2-Dichloroethane	1000	943	94	81-121	
1,1,1-Trichloroethane	1000	956	96	78-118	
Carbon tetrachloride	1000	962	96	64-130	
Benzene	1000	969	97	71-118	
Bromoform	1000	940	94	76-133	
Styrene	1000	1010	101	73-126	
Ethylbenzene	1000	987	99	78-124	
Chlorobenzene	1000	960	96	69-124	
Cyclohexane	1000	906	91	69-128	
Isopropylbenzene	1000	988	99	80-143	
2-Hexanone	5000	4840	97	62-123	
MTBE	1000	992	99	65-143	
Freon TF	1000	764	76	50-128	
Methyl acetate	5000	4560	91	72-165	
1,4-Dioxane	20000	20000	100	54-147	
Trichloroethene	1000	938	94	82-122	
Toluene	1000	963	96	79-136	
trans-1,3-Dichloropropene	1000	1040	104	73-118	
4-Methyl-2-pentanone	5000	4990	100	69-124	
cis-1,3-Dichloropropene	1000	1000	100	75-120	
1,2-Dichlorobenzene	1000	973	97	83-123	
1,3-Dichlorobenzene	1000	980	98	83-123	
1,4-Dichlorobenzene	1000	945	94	84-124	
1,2,4-Trichlorobenzene	1000	955	95	62-144	
1,2,3-Trichlorobenzene	1000	1140	114	36-207	
1,2-Dichloropropane	1000	954	95	78-118	
Methylcyclohexane	1000	940	94	80-134	
Tetrachloroethene	1000	939	94	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60699.D

Lab ID: LCS 460-182277/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	2000	2010	100	78-126	
1,2-Dibromo-3-Chloropropane	1000	1140	114	62-127	
1,1,2,2-Tetrachloroethane	1000	983	98	86-145	
1,1,2-Trichloroethane	1000	968	97	77-120	
Dibromochloromethane	1000	934	93	78-118	
1,2-Dibromoethane	1000	967	97	76-120	
Dichlorodifluoromethane	1000	867	87	41-149	
Bromochloromethane	1000	924	92	81-121	
Bromodichloromethane	1000	888	89	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O78098.D

Lab ID: LCS 460-182287/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	14.5	73	50-151	
Bromomethane	20.0	22.3	112	54-142	
Vinyl chloride	20.0	20.3	102	67-133	
Chloroethane	20.0	21.3	107	56-146	
Methylene Chloride	20.0	19.2	96	74-137	
Acetone	100	131	131	27-164	
Carbon disulfide	20.0	16.8	84	72-128	
Trichlorofluoromethane	20.0	24.1	121	61-139	
1,1-Dichloroethene	20.0	18.7	94	71-126	
1,1-Dichloroethane	20.0	17.2	86	76-125	
trans-1,2-Dichloroethene	20.0	18.9	94	75-122	
cis-1,2-Dichloroethene	20.0	18.6	93	80-120	
Chloroform	20.0	19.4	97	77-120	
2-Butanone	100	87.0	87	77-117	
1,2-Dichloroethane	20.0	21.5	107	76-118	
1,1,1-Trichloroethane	20.0	21.2	106	78-117	
Carbon tetrachloride	20.0	20.7	103	79-118	
Benzene	20.0	18.7	93	77-117	
Bromoform	20.0	18.6	93	59-125	
Styrene	20.0	18.6	93	82-122	
Ethylbenzene	20.0	18.6	93	81-121	
Chlorobenzene	20.0	18.6	93	80-120	
Cyclohexane	20.0	18.2	91	80-121	
Isopropylbenzene	20.0	18.7	93	65-129	
2-Hexanone	100	104	104	70-122	
MTBE	20.0	23.9	120	78-120	
Freon TF	20.0	19.1	96	73-123	
Methyl acetate	100	104	104	73-137	
1,4-Dioxane	400	327	82	69-131	
Trichloroethene	20.0	19.6	98	79-119	
Toluene	20.0	18.9	95	75-115	
trans-1,3-Dichloropropene	20.0	20.5	103	67-121	
4-Methyl-2-pentanone	100	97.0	97	68-120	
cis-1,3-Dichloropropene	20.0	19.9	100	80-123	
1,2-Dichlorobenzene	20.0	18.2	91	80-120	
1,3-Dichlorobenzene	20.0	18.4	92	80-120	
1,4-Dichlorobenzene	20.0	18.6	93	80-120	
1,2,4-Trichlorobenzene	20.0	17.4	87	80-120	
1,2,3-Trichlorobenzene	20.0	17.8	89	75-121	
1,2-Dichloropropane	20.0	18.7	93	82-122	
Methylcyclohexane	20.0	20.6	103	78-118	
Tetrachloroethene	20.0	19.0	95	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O78098.D

Lab ID: LCS 460-182287/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	38.8	97	82-122	
1,2-Dibromo-3-Chloropropane	20.0	21.1	105	74-118	
1,1,2,2-Tetrachloroethane	20.0	18.2	91	79-122	
1,1,2-Trichloroethane	20.0	19.1	95	73-118	
Dibromochloromethane	20.0	20.4	102	68-120	
1,2-Dibromoethane	20.0	20.3	101	75-117	
Dichlorodifluoromethane	20.0	21.9	109	52-144	
Bromochloromethane	20.0	19.7	98	74-125	
Bromodichloromethane	20.0	20.2	101	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O77911.D

Lab ID: LCSD 460-181583/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	16.3	81	18	30	50-151	
Bromomethane	20.0	19.0	95	14	30	54-142	
Vinyl chloride	20.0	18.0	90	13	30	67-133	
Chloroethane	20.0	17.6	88	15	30	56-146	
Methylene Chloride	20.0	17.3	87	10	30	74-137	
Acetone	100	130	130	8	30	27-164	
Carbon disulfide	20.0	15.2	76	12	30	72-128	
Trichlorofluoromethane	20.0	19.7	98	13	30	61-139	
1,1-Dichloroethene	20.0	16.9	85	8	30	71-126	
1,1-Dichloroethane	20.0	16.5	82	4	30	76-125	
trans-1,2-Dichloroethene	20.0	17.4	87	9	30	75-122	
cis-1,2-Dichloroethene	20.0	17.1	86	8	30	80-120	
Chloroform	20.0	17.4	87	8	30	77-120	
2-Butanone	100	87.2	87	9	30	77-117	
1,2-Dichloroethane	20.0	18.7	94	6	30	76-118	
1,1,1-Trichloroethane	20.0	18.9	94	6	30	78-117	
Carbon tetrachloride	20.0	18.8	94	8	30	79-118	
Benzene	20.0	18.1	91	0	30	77-117	
Bromoform	20.0	18.0	90	7	30	59-125	
Styrene	20.0	18.5	93	4	30	82-122	
Ethylbenzene	20.0	17.9	90	7	30	81-121	
Chlorobenzene	20.0	18.2	91	5	30	80-120	
Cyclohexane	20.0	16.8	84	1	30	80-121	
Isopropylbenzene	20.0	18.1	91	7	30	65-129	
2-Hexanone	100	94.5	95	9	30	70-122	
MTBE	20.0	22.7	114	1	30	78-120	
Freon TF	20.0	17.3	86	9	30	73-123	
Methyl acetate	100	93.4	93	6	30	73-137	
1,4-Dioxane	400	362	90	12	30	69-131	
Trichloroethene	20.0	18.3	92	5	30	79-119	
Toluene	20.0	18.0	90	5	30	75-115	
trans-1,3-Dichloropropene	20.0	20.5	103	2	30	67-121	
4-Methyl-2-pentanone	100	92.8	93	3	30	68-120	
cis-1,3-Dichloropropene	20.0	19.1	95	5	30	80-123	
1,2-Dichlorobenzene	20.0	18.4	92	4	30	80-120	
1,3-Dichlorobenzene	20.0	18.7	94	2	30	80-120	
1,4-Dichlorobenzene	20.0	18.0	90	4	30	80-120	
1,2,4-Trichlorobenzene	20.0	17.7	88	3	30	80-120	
1,2,3-Trichlorobenzene	20.0	17.9	90	0	30	75-121	
1,2-Dichloropropane	20.0	17.2	86	2	30	82-122	
Methylcyclohexane	20.0	18.7	94	6	30	78-118	
Tetrachloroethene	20.0	18.0	90	6	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O77911.D

Lab ID: LCSD 460-181583/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	40.0	37.8	94	4	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	18.9	94	13	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	18.1	91	3	30	79-122	
1,1,2-Trichloroethane	20.0	18.6	93	5	30	73-118	
Dibromochloromethane	20.0	19.2	96	8	30	68-120	
1,2-Dibromoethane	20.0	19.4	97	4	30	75-117	
Dichlorodifluoromethane	20.0	21.3	106	9	30	52-144	
Bromochloromethane	20.0	17.2	86	9	30	74-125	
Bromodichloromethane	20.0	18.2	91	4	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O77941.D

Lab ID: LCSD 460-181663/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	10.8	54	29	30	50-151	
Bromomethane	20.0	19.1	95	5	30	54-142	
Vinyl chloride	20.0	19.3	97	1	30	67-133	
Chloroethane	20.0	18.0	90	3	30	56-146	
Methylene Chloride	20.0	17.4	87	2	30	74-137	
Acetone	100	150	150	3	30	27-164	
Carbon disulfide	20.0	15.6	78	6	30	72-128	
Trichlorofluoromethane	20.0	20.9	105	5	30	61-139	
1,1-Dichloroethene	20.0	16.9	85	6	30	71-126	
1,1-Dichloroethane	20.0	15.7	78	8	30	76-125	
trans-1,2-Dichloroethene	20.0	18.0	90	6	30	75-122	
cis-1,2-Dichloroethene	20.0	17.6	88	7	30	80-120	
Chloroform	20.0	18.0	90	5	30	77-120	
2-Butanone	100	83.4	83	4	30	77-117	
1,2-Dichloroethane	20.0	19.8	99	3	30	76-118	
1,1,1-Trichloroethane	20.0	19.9	99	4	30	78-117	
Carbon tetrachloride	20.0	19.4	97	5	30	79-118	
Benzene	20.0	18.8	94	1	30	77-117	
Bromoform	20.0	19.4	97	1	30	59-125	
Styrene	20.0	19.2	96	3	30	82-122	
Ethylbenzene	20.0	18.7	94	6	30	81-121	
Chlorobenzene	20.0	18.6	93	3	30	80-120	
Cyclohexane	20.0	17.0	85	4	30	80-121	
Isopropylbenzene	20.0	18.7	94	3	30	65-129	
2-Hexanone	100	111	111	4	30	70-122	
MTBE	20.0	23.6	118	0	30	78-120	
Freon TF	20.0	18.1	91	6	30	73-123	
Methyl acetate	100	108	108	5	30	73-137	
1,4-Dioxane	400	371	93	10	30	69-131	
Trichloroethene	20.0	18.3	92	3	30	79-119	
Toluene	20.0	19.1	95	3	30	75-115	
trans-1,3-Dichloropropene	20.0	21.7	109	1	30	67-121	
4-Methyl-2-pentanone	100	105	105	4	30	68-120	
cis-1,3-Dichloropropene	20.0	19.7	99	3	30	80-123	
1,2-Dichlorobenzene	20.0	19.0	95	1	30	80-120	
1,3-Dichlorobenzene	20.0	19.2	96	0	30	80-120	
1,4-Dichlorobenzene	20.0	18.8	94	1	30	80-120	
1,2,4-Trichlorobenzene	20.0	18.3	92	0	30	80-120	
1,2,3-Trichlorobenzene	20.0	18.8	94	2	30	75-121	
1,2-Dichloropropane	20.0	17.5	87	4	30	82-122	
Methylcyclohexane	20.0	19.3	96	4	30	78-118	
Tetrachloroethene	20.0	18.6	93	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O77941.D

Lab ID: LCSD 460-181663/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	40.0	38.8	97	2	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	24.7	123	11	30	74-118	*
1,1,2,2-Tetrachloroethane	20.0	19.8	99	0	30	79-122	
1,1,2-Trichloroethane	20.0	20.1	101	1	30	73-118	
Dibromochloromethane	20.0	20.3	102	5	30	68-120	
1,2-Dibromoethane	20.0	20.9	104	1	30	75-117	
Dichlorodifluoromethane	20.0	21.7	108	6	30	52-144	
Bromochloromethane	20.0	17.6	88	10	30	74-125	
Bromodichloromethane	20.0	18.4	92	6	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O77965.D

Lab ID: LCSD 460-181813/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	13.0	65	18	30	50-151	
Bromomethane	20.0	21.3	107	1	30	54-142	
Vinyl chloride	20.0	19.5	97	0	30	67-133	
Chloroethane	20.0	19.1	95	3	30	56-146	
Methylene Chloride	20.0	16.4	82	6	30	74-137	
Acetone	100	127	127	5	30	27-164	
Carbon disulfide	20.0	15.5	77	5	30	72-128	
Trichlorofluoromethane	20.0	21.4	107	0	30	61-139	
1,1-Dichloroethene	20.0	17.1	85	5	30	71-126	
1,1-Dichloroethane	20.0	15.6	78	4	30	76-125	
trans-1,2-Dichloroethene	20.0	17.4	87	5	30	75-122	
cis-1,2-Dichloroethene	20.0	17.2	86	3	30	80-120	
Chloroform	20.0	17.6	88	3	30	77-120	
2-Butanone	100	81.3	81	5	30	77-117	
1,2-Dichloroethane	20.0	19.3	97	2	30	76-118	
1,1,1-Trichloroethane	20.0	19.3	96	3	30	78-117	
Carbon tetrachloride	20.0	19.4	97	4	30	79-118	
Benzene	20.0	18.4	92	2	30	77-117	
Bromoform	20.0	18.6	93	0	30	59-125	
Styrene	20.0	18.7	94	1	30	82-122	
Ethylbenzene	20.0	18.9	94	0	30	81-121	
Chlorobenzene	20.0	18.4	92	2	30	80-120	
Cyclohexane	20.0	16.9	84	3	30	80-121	
Isopropylbenzene	20.0	18.7	93	3	30	65-129	
2-Hexanone	100	101	101	0	30	70-122	
MTBE	20.0	22.2	111	2	30	78-120	
Freon TF	20.0	17.8	89	4	30	73-123	
Methyl acetate	100	92.9	93	4	30	73-137	
1,4-Dioxane	400	341	85	13	30	69-131	
Trichloroethene	20.0	18.5	93	8	30	79-119	
Toluene	20.0	18.6	93	3	30	75-115	
trans-1,3-Dichloropropene	20.0	20.6	103	3	30	67-121	
4-Methyl-2-pentanone	100	93.1	93	6	30	68-120	
cis-1,3-Dichloropropene	20.0	19.6	98	2	30	80-123	
1,2-Dichlorobenzene	20.0	18.5	92	5	30	80-120	
1,3-Dichlorobenzene	20.0	18.5	93	6	30	80-120	
1,4-Dichlorobenzene	20.0	18.3	91	6	30	80-120	
1,2,4-Trichlorobenzene	20.0	17.6	88	2	30	80-120	
1,2,3-Trichlorobenzene	20.0	17.9	89	4	30	75-121	
1,2-Dichloropropane	20.0	17.0	85	4	30	82-122	
Methylcyclohexane	20.0	18.9	94	5	30	78-118	
Tetrachloroethene	20.0	18.1	91	8	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O77965.D

Lab ID: LCSD 460-181813/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	40.0	38.3	96	3	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	20.6	103	7	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	18.0	90	4	30	79-122	
1,1,2-Trichloroethane	20.0	19.1	96	3	30	73-118	
Dibromochloromethane	20.0	20.6	103	2	30	68-120	
1,2-Dibromoethane	20.0	19.8	99	3	30	75-117	
Dichlorodifluoromethane	20.0	21.7	109	0	30	52-144	
Bromochloromethane	20.0	16.8	84	9	30	74-125	
Bromodichloromethane	20.0	18.3	91	7	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O78099.D

Lab ID: LCSD 460-182287/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	13.3	66	9	30	50-151	
Bromomethane	20.0	22.6	113	1	30	54-142	
Vinyl chloride	20.0	19.0	95	7	30	67-133	
Chloroethane	20.0	19.9	100	7	30	56-146	
Methylene Chloride	20.0	17.7	88	8	30	74-137	
Acetone	100	132	132	1	30	27-164	
Carbon disulfide	20.0	16.2	81	4	30	72-128	
Trichlorofluoromethane	20.0	22.5	113	7	30	61-139	
1,1-Dichloroethene	20.0	18.3	92	2	30	71-126	
1,1-Dichloroethane	20.0	16.5	82	4	30	76-125	
trans-1,2-Dichloroethene	20.0	18.8	94	0	30	75-122	
cis-1,2-Dichloroethene	20.0	17.8	89	4	30	80-120	
Chloroform	20.0	18.8	94	3	30	77-120	
2-Butanone	100	81.4	81	7	30	77-117	
1,2-Dichloroethane	20.0	20.7	103	4	30	76-118	
1,1,1-Trichloroethane	20.0	20.2	101	5	30	78-117	
Carbon tetrachloride	20.0	20.3	101	2	30	79-118	
Benzene	20.0	17.9	89	5	30	77-117	
Bromoform	20.0	18.4	92	1	30	59-125	
Styrene	20.0	18.1	90	3	30	82-122	
Ethylbenzene	20.0	18.5	93	1	30	81-121	
Chlorobenzene	20.0	18.6	93	0	30	80-120	
Cyclohexane	20.0	17.3	86	5	30	80-121	
Isopropylbenzene	20.0	18.4	92	2	30	65-129	
2-Hexanone	100	103	103	1	30	70-122	
MTBE	20.0	23.5	117	2	30	78-120	
Freon TF	20.0	18.8	94	1	30	73-123	
Methyl acetate	100	106	106	2	30	73-137	
1,4-Dioxane	400	342	86	5	30	69-131	
Trichloroethene	20.0	19.2	96	2	30	79-119	
Toluene	20.0	18.3	92	3	30	75-115	
trans-1,3-Dichloropropene	20.0	20.9	105	2	30	67-121	
4-Methyl-2-pentanone	100	97.9	98	1	30	68-120	
cis-1,3-Dichloropropene	20.0	19.1	95	4	30	80-123	
1,2-Dichlorobenzene	20.0	18.1	91	0	30	80-120	
1,3-Dichlorobenzene	20.0	18.4	92	0	30	80-120	
1,4-Dichlorobenzene	20.0	18.5	92	1	30	80-120	
1,2,4-Trichlorobenzene	20.0	16.8	84	3	30	80-120	
1,2,3-Trichlorobenzene	20.0	18.0	90	1	30	75-121	
1,2-Dichloropropane	20.0	18.3	91	2	30	82-122	
Methylcyclohexane	20.0	20.2	101	2	30	78-118	
Tetrachloroethene	20.0	18.7	93	2	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O78099.D

Lab ID: LCSD 460-182287/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	40.0	37.3	93	4	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	22.3	112	6	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	18.7	94	3	30	79-122	
1,1,2-Trichloroethane	20.0	18.1	91	5	30	73-118	
Dibromochloromethane	20.0	20.1	101	2	30	68-120	
1,2-Dibromoethane	20.0	19.4	97	4	30	75-117	
Dichlorodifluoromethane	20.0	20.7	103	6	30	52-144	
Bromochloromethane	20.0	18.2	91	8	30	74-125	
Bromodichloromethane	20.0	19.6	98	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60676.D

Lab ID: 460-62968-A-6-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloromethane	1950	9.4 U	1670	86	52-144	
Bromomethane	1950	18 U	1670	86	58-164	
Vinyl chloride	1950	14 U	1810	93	55-154	
Chloroethane	1950	16 U	2360	121	66-144	
Methylene Chloride	1950	18 U	1890	97	78-118	
Acetone	9740	260 U	8470	87	48-177	
Carbon disulfide	1950	12 U	1500	77	70-120	
Trichlorofluoromethane	1950	14 U	1830	94	60-148	
1,1-Dichloroethene	1950	8.6 U	1770	91	68-138	
1,1-Dichloroethane	1950	13 U	2000	103	79-119	
trans-1,2-Dichloroethene	1950	13 U	1880	96	73-119	
cis-1,2-Dichloroethene	1950	17 U	2010	103	78-118	
Chloroform	1950	64 J	2070	103	81-122	
2-Butanone	9740	230 U	10000	103	70-139	
1,2-Dichloroethane	1950	18 U	1880	97	81-121	
1,1,1-Trichloroethane	1950	6.1 U	1910	98	78-118	
Carbon tetrachloride	1950	5.6 U	1820	93	64-130	
Benzene	1950	8.0 U	1900	98	71-118	
Bromoform	1950	19 U	2050	105	76-133	
Styrene	1950	58 J	1960	97	73-126	
Ethylbenzene	1950	9.3 U	1830	94	78-124	
Chlorobenzene	1950	37 J	1880	95	69-124	
Cyclohexane	1950	15 U	1830	94	69-128	
Isopropylbenzene	1950	26 J	1900	96	80-143	
2-Hexanone	9740	49 U	8840	91	62-123	
MTBE	1950	13 U	1930	99	65-143	
Freon TF	1950	8.0 U	2300	118	50-128	
Methyl acetate	9740	33 U	9490	97	72-165	
1,4-Dioxane	39000	3500 U	40400	104	54-147	
Trichloroethene	1950	12 J	1870	95	82-122	
Toluene	1950	31 J	1870	94	79-136	
trans-1,3-Dichloropropene	1950	24 U	2190	113	73-118	
4-Methyl-2-pentanone	9740	96 U	9200	94	69-124	
cis-1,3-Dichloropropene	1950	18 U	1840	94	75-120	
1,2-Dichlorobenzene	1950	20 U	1860	95	83-123	
1,3-Dichlorobenzene	1950	13 U	1840	95	83-123	
1,4-Dichlorobenzene	1950	460	2190	89	84-124	
1,2,4-Trichlorobenzene	1950	600	3300	139	62-144	
1,2,3-Trichlorobenzene	1950	50 U	2550	131	36-207	
1,2-Dichloropropane	1950	8.4 U	1850	95	78-118	
Methylcyclohexane	1950	290	2260	101	80-134	
Tetrachloroethene	1950	13 J	1750	89	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60676.D

Lab ID: 460-62968-A-6-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Xylenes, Total	3900	2100	5740	94	78-126	
1,2-Dibromo-3-Chloropropane	1950	39 U	4780	245	62-127	F
1,1,2,2-Tetrachloroethane	1950	15 U	2690	138	86-145	
1,1,2-Trichloroethane	1950	18 U	1820	94	77-120	
Dibromochloromethane	1950	19 U	1720	88	78-118	
1,2-Dibromoethane	1950	27 U	1840	94	76-120	
Dichlorodifluoromethane	1950	21 U	1270	65	41-149	
Bromochloromethane	1950	27 U	1800	92	81-121	
Bromodichloromethane	1950	12 U	1670	86	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J04338.D

Lab ID: 460-62772-C-2 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	400	2.0 U	316	79	58-146	
Bromomethane	400	3.6 U	294	73	55-153	
Vinyl chloride	400	2.8 U	343	86	61-144	
Chloroethane	400	3.4 U	330	83	69-145	
Methylene Chloride	400	3.6 U	417	104	79-119	
Acetone	2000	54 U	1800	90	45-156	
Carbon disulfide	400	2.6 U	373	93	58-139	
Trichlorofluoromethane	400	3.0 U	363	91	69-147	
1,1-Dichloroethene	400	1.8 U	375	94	56-139	
1,1-Dichloroethane	400	2.6 U	392	98	78-122	
trans-1,2-Dichloroethene	400	2.6 U	390	97	75-122	
cis-1,2-Dichloroethene	400	3.6 U	366	92	80-120	
Chloroform	400	1.6 U	403	101	82-123	
2-Butanone	2000	46 U	1650	82	65-114	
1,2-Dichloroethane	400	3.8 U	392	98	74-118	
1,1,1-Trichloroethane	400	1.2 U	422	105	74-128	
Carbon tetrachloride	400	1.2 U	468	117	73-120	
Benzene	400	1.6 U	379	95	83-124	
Bromoform	400	3.8 U	424	106	73-123	
Styrene	400	2.4 U	491	123	69-112	F
Ethylbenzene	400	1200	1690	126	79-126	
Chlorobenzene	400	2.2 U	380	95	81-121	
Cyclohexane	400	85	441	89	58-133	
Isopropylbenzene	400	62	483	105	80-125	
2-Hexanone	2000	10 U	1540	77	53-121	
MTBE	400	2.8 U	326	82	71-115	
Freon TF	400	1.6 U	407	102	47-139	
Methyl acetate	2000	6.8 U	2140	107	50-151	
1,4-Dioxane	8000	720 U	6300	79	52-126	
Trichloroethene	400	1.8 U	400	100	78-119	
Toluene	400	2000	2440	104	80-120	4
trans-1,3-Dichloropropene	400	4.8 U	333	83	78-118	
4-Methyl-2-pentanone	2000	20 U	1810	90	53-120	
cis-1,3-Dichloropropene	400	3.6 U	358	90	80-120	
1,2-Dichlorobenzene	400	4.2 U	380	95	82-122	
1,3-Dichlorobenzene	400	2.8 U	374	93	81-126	
1,4-Dichlorobenzene	400	4.6 U	375	94	83-123	
1,2,4-Trichlorobenzene	400	6.8 U	375	94	66-120	
1,2,3-Trichlorobenzene	400	10 U	362	91	76-123	
1,2-Dichloropropane	400	1.8 U	354	88	80-120	
Methylcyclohexane	400	73	414	85	61-129	
Tetrachloroethene	400	2.0 U	474	119	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.: 460-62993-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J04338.D

Lab ID: 460-62772-C-2 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Xylenes, Total	800	7700	8860	143	76-121	4
1,2-Dibromo-3-Chloropropane	400	8.0 U	326	82	70-116	
1,1,2,2-Tetrachloroethane	400	3.2 U	368	92	74-126	
1,1,2-Trichloroethane	400	3.8 U	383	96	79-119	
Dibromochloromethane	400	4.0 U	418	104	80-120	
1,2-Dibromoethane	400	5.6 U	374	93	78-118	
Dichlorodifluoromethane	400	4.4 U	356	89	46-145	
Bromochloromethane	400	5.4 U	411	103	80-121	
Bromodichloromethane	400	2.4 U	390	98	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60713.D

Lab ID: 460-62871-A-1-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloromethane	2050	9.9 U	1380	67	52-144	
Bromomethane	2050	19 U	1580	77	58-164	
Vinyl chloride	2050	15 U	1740	85	55-154	
Chloroethane	2050	17 U	2290	112	66-144	
Methylene Chloride	2050	19 U	1690	82	78-118	
Acetone	10300	270 U	8380	82	48-177	
Carbon disulfide	2050	13 U	1230	60	70-120	F
Trichlorofluoromethane	2050	15 U	1760	86	60-148	
1,1-Dichloroethene	2050	9.1 U	1560	76	68-138	
1,1-Dichloroethane	2050	13 U	1920	94	79-119	
trans-1,2-Dichloroethene	2050	13 U	1880	91	73-119	
cis-1,2-Dichloroethene	2050	18 U	1830	89	78-118	
Chloroform	2050	8.1 U	1910	93	81-122	
2-Butanone	10300	240 U	9150	89	70-139	
1,2-Dichloroethane	2050	19 U	1870	91	81-121	
1,1,1-Trichloroethane	2050	6.4 U	1800	88	78-118	
Carbon tetrachloride	2050	5.8 U	1720	84	64-130	
Benzene	2050	8.5 U	1890	92	71-118	
Bromoform	2050	20 U	2050	100	76-133	
Styrene	2050	12 U	1900	93	73-126	
Ethylbenzene	2050	9.8 U	1840	90	78-124	
Chlorobenzene	2050	11 U	1860	91	69-124	
Cyclohexane	2050	16 U	1800	88	69-128	
Isopropylbenzene	2050	7.9 U	1840	90	80-143	
2-Hexanone	10300	51 U	9570	93	62-123	
MTBE	2050	14 U	2130	104	65-143	
Freon TF	2050	8.4 U	2050	100	50-128	
Methyl acetate	10300	34 U	9580	93	72-165	
1,4-Dioxane	41000	3700 U	41900	102	54-147	
Trichloroethene	2050	9.4 U	1770	86	82-122	
Toluene	2050	15 U	1840	90	79-136	
trans-1,3-Dichloropropene	2050	25 U	2170	106	73-118	
4-Methyl-2-pentanone	10300	100 U	9960	97	69-124	
cis-1,3-Dichloropropene	2050	19 U	1810	88	75-120	
1,2-Dichlorobenzene	2050	21 U	1930	94	83-123	
1,3-Dichlorobenzene	2050	14 U	1880	92	83-123	
1,4-Dichlorobenzene	2050	24 U	1860	90	84-124	
1,2,4-Trichlorobenzene	2050	35 U	3400	166	62-144	F
1,2,3-Trichlorobenzene	2050	52 U	2460	120	36-207	
1,2-Dichloropropane	2050	8.8 U	1820	89	78-118	
Methylcyclohexane	2050	14 U	1580	77	80-134	F
Tetrachloroethene	2050	10 U	1740	85	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60713.D

Lab ID: 460-62871-A-1-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Xylenes, Total	4100	37 U	3780	92	78-126	
1,2-Dibromo-3-Chloropropane	2050	41 U	2650	129	62-127	F
1,1,2,2-Tetrachloroethane	2050	16 U	1870	91	86-145	
1,1,2-Trichloroethane	2050	19 U	1930	94	77-120	
Dibromochloromethane	2050	20 U	1680	82	78-118	
1,2-Dibromoethane	2050	28 U	1850	90	76-120	
Dichlorodifluoromethane	2050	22 U	1520	74	41-149	
Bromochloromethane	2050	28 U	1780	87	81-121	
Bromodichloromethane	2050	13 U	1590	78	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60677.D

Lab ID: 460-62968-A-6-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	1950	1780	91	6	30	52-144	
Bromomethane	1950	1880	97	12	30	58-164	
Vinyl chloride	1950	1970	101	8	30	55-154	
Chloroethane	1950	2320	119	2	30	66-144	
Methylene Chloride	1950	1950	100	3	30	78-118	
Acetone	9740	8550	88	1	30	48-177	
Carbon disulfide	1950	1650	85	9	30	70-120	
Trichlorofluoromethane	1950	1830	94	0	30	60-148	
1,1-Dichloroethene	1950	1910	98	8	30	68-138	
1,1-Dichloroethane	1950	1990	102	1	30	79-119	
trans-1,2-Dichloroethene	1950	2080	107	10	30	73-119	
cis-1,2-Dichloroethene	1950	2000	102	1	30	78-118	
Chloroform	1950	2120	106	3	30	81-122	
2-Butanone	9740	10300	105	3	30	70-139	
1,2-Dichloroethane	1950	1970	101	5	30	81-121	
1,1,1-Trichloroethane	1950	1870	96	2	30	78-118	
Carbon tetrachloride	1950	1920	98	5	30	64-130	
Benzene	1950	2010	103	5	30	71-118	
Bromoform	1950	2040	105	0	30	76-133	
Styrene	1950	2070	103	5	30	73-126	
Ethylbenzene	1950	1980	101	8	30	78-124	
Chlorobenzene	1950	1980	99	5	30	69-124	
Cyclohexane	1950	1740	89	5	30	69-128	
Isopropylbenzene	1950	1970	100	4	30	80-143	
2-Hexanone	9740	9190	94	4	30	62-123	
MTBE	1950	1930	99	0	30	65-143	
Freon TF	1950	2180	112	5	30	50-128	
Methyl acetate	9740	9600	99	1	30	72-165	
1,4-Dioxane	39000	44500	114	10	30	54-147	
Trichloroethene	1950	1950	100	4	30	82-122	
Toluene	1950	1930	98	3	30	79-136	
trans-1,3-Dichloropropene	1950	2240	115	2	30	73-118	
4-Methyl-2-pentanone	9740	9660	99	5	30	69-124	
cis-1,3-Dichloropropene	1950	1970	101	7	30	75-120	
1,2-Dichlorobenzene	1950	1910	98	3	30	83-123	
1,3-Dichlorobenzene	1950	1920	99	4	30	83-123	
1,4-Dichlorobenzene	1950	2260	92	3	30	84-124	
1,2,4-Trichlorobenzene	1950	2380	91	33	30	62-144	F
1,2,3-Trichlorobenzene	1950	2960	152	15	30	36-207	
1,2-Dichloropropane	1950	1940	100	5	30	78-118	
Methylcyclohexane	1950	2280	102	1	30	80-134	
Tetrachloroethene	1950	1790	91	2	30	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60677.D

Lab ID: 460-62968-A-6-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	3900	5900	97	3	30	78-126	
1,2-Dibromo-3-Chloropropane	1950	5120	263	7	30	62-127	F
1,1,2,2-Tetrachloroethane	1950	2730	140	1	30	86-145	
1,1,2-Trichloroethane	1950	1960	100	7	30	77-120	
Dibromochloromethane	1950	1820	94	6	30	78-118	
1,2-Dibromoethane	1950	1940	99	5	30	76-120	
Dichlorodifluoromethane	1950	1380	71	8	30	41-149	
Bromochloromethane	1950	1910	98	6	30	81-121	
Bromodichloromethane	1950	1780	91	6	30	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J04339.D

Lab ID: 460-62772-C-2 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	400	410	103	26	30	58-146	
Bromomethane	400	399	100	30	30	55-153	
Vinyl chloride	400	441	110	25	30	61-144	
Chloroethane	400	448	112	30	30	69-145	
Methylene Chloride	400	449	112	7	30	79-119	
Acetone	2000	2040	102	12	30	45-156	
Carbon disulfide	400	408	102	9	30	58-139	
Trichlorofluoromethane	400	466	117	25	30	69-147	
1,1-Dichloroethene	400	414	104	10	30	56-139	
1,1-Dichloroethane	400	437	109	11	30	78-122	
trans-1,2-Dichloroethene	400	428	107	9	30	75-122	
cis-1,2-Dichloroethene	400	405	101	10	30	80-120	
Chloroform	400	447	112	10	30	82-123	
2-Butanone	2000	2000	100	19	30	65-114	
1,2-Dichloroethane	400	430	107	9	30	74-118	
1,1,1-Trichloroethane	400	470	118	11	30	74-128	
Carbon tetrachloride	400	507	127	8	30	73-120	F
Benzene	400	418	105	10	30	83-124	
Bromoform	400	466	116	9	30	73-123	
Styrene	400	524	131	6	30	69-112	F
Ethylbenzene	400	1780	148	5	30	79-126	F
Chlorobenzene	400	424	106	11	30	81-121	
Cyclohexane	400	488	101	10	30	58-133	
Isopropylbenzene	400	534	118	10	30	80-125	
2-Hexanone	2000	1820	91	17	30	53-121	
MTBE	400	385	96	17	30	71-115	
Freon TF	400	451	113	10	30	47-139	
Methyl acetate	2000	2470	124	14	30	50-151	
1,4-Dioxane	8000	8930	112	34	30	52-126	F
Trichloroethene	400	434	108	8	30	78-119	
Toluene	400	2580	140	6	30	80-120	4
trans-1,3-Dichloropropene	400	378	94	13	30	78-118	
4-Methyl-2-pentanone	2000	2070	104	14	30	53-120	
cis-1,3-Dichloropropene	400	401	100	11	30	80-120	
1,2-Dichlorobenzene	400	431	108	13	30	82-122	
1,3-Dichlorobenzene	400	421	105	12	30	81-126	
1,4-Dichlorobenzene	400	432	108	14	30	83-123	
1,2,4-Trichlorobenzene	400	427	107	13	30	66-120	
1,2,3-Trichlorobenzene	400	436	109	19	30	76-123	
1,2-Dichloropropane	400	393	98	11	30	80-120	
Methylcyclohexane	400	457	96	10	30	61-129	
Tetrachloroethene	400	510	127	7	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.: 460-62993-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J04339.D

Lab ID: 460-62772-C-2 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	800	9180	183	4	30	76-121	4
1,2-Dibromo-3-Chloropropane	400	399	100	20	30	70-116	
1,1,2,2-Tetrachloroethane	400	410	103	11	30	74-126	
1,1,2-Trichloroethane	400	414	104	8	30	79-119	
Dibromochloromethane	400	449	112	7	30	80-120	
1,2-Dibromoethane	400	408	102	9	30	78-118	
Dichlorodifluoromethane	400	479	120	29	30	46-145	
Bromochloromethane	400	429	107	4	30	80-121	
Bromodichloromethane	400	418	105	7	30	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60714.D

Lab ID: 460-62871-A-1-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	2050	1690	82	20	30	52-144	
Bromomethane	2050	1730	84	9	30	58-164	
Vinyl chloride	2050	2000	97	14	30	55-154	
Chloroethane	2050	2150	105	6	30	66-144	
Methylene Chloride	2050	1890	92	11	30	78-118	
Acetone	10300	8310	81	1	30	48-177	
Carbon disulfide	2050	1310	64	6	30	70-120	F
Trichlorofluoromethane	2050	1760	86	0	30	60-148	
1,1-Dichloroethene	2050	1760	86	12	30	68-138	
1,1-Dichloroethane	2050	1940	95	1	30	79-119	
trans-1,2-Dichloroethene	2050	1780	87	5	30	73-119	
cis-1,2-Dichloroethene	2050	1870	91	2	30	78-118	
Chloroform	2050	1940	95	2	30	81-122	
2-Butanone	10300	10900	106	17	30	70-139	
1,2-Dichloroethane	2050	2000	97	7	30	81-121	
1,1,1-Trichloroethane	2050	1830	89	2	30	78-118	
Carbon tetrachloride	2050	1810	88	5	30	64-130	
Benzene	2050	1990	97	5	30	71-118	
Bromoform	2050	2090	102	2	30	76-133	
Styrene	2050	2070	101	9	30	73-126	
Ethylbenzene	2050	1990	97	8	30	78-124	
Chlorobenzene	2050	2010	98	7	30	69-124	
Cyclohexane	2050	1730	84	4	30	69-128	
Isopropylbenzene	2050	1950	95	6	30	80-143	
2-Hexanone	10300	10100	99	6	30	62-123	
MTBE	2050	1980	97	7	30	65-143	
Freon TF	2050	2180	106	6	30	50-128	
Methyl acetate	10300	9860	96	3	30	72-165	
1,4-Dioxane	41000	46300	113	10	30	54-147	
Trichloroethene	2050	1840	90	4	30	82-122	
Toluene	2050	1960	96	6	30	79-136	
trans-1,3-Dichloropropene	2050	2310	113	6	30	73-118	
4-Methyl-2-pentanone	10300	10400	101	4	30	69-124	
cis-1,3-Dichloropropene	2050	1950	95	8	30	75-120	
1,2-Dichlorobenzene	2050	2010	98	4	30	83-123	
1,3-Dichlorobenzene	2050	1980	97	5	30	83-123	
1,4-Dichlorobenzene	2050	1960	95	5	30	84-124	
1,2,4-Trichlorobenzene	2050	1920	94	56	30	62-144	F
1,2,3-Trichlorobenzene	2050	2170	106	13	30	36-207	
1,2-Dichloropropane	2050	1930	94	6	30	78-118	
Methylcyclohexane	2050	1700	83	8	30	80-134	
Tetrachloroethene	2050	1850	90	6	30	78-136	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60714.D

Lab ID: 460-62871-A-1-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	4100	4020	98	6	30	78-126	
1,2-Dibromo-3-Chloropropane	2050	2690	131	2	30	62-127	F
1,1,2,2-Tetrachloroethane	2050	1970	96	5	30	86-145	
1,1,2-Trichloroethane	2050	2000	97	3	30	77-120	
Dibromochloromethane	2050	1760	86	4	30	78-118	
1,2-Dibromoethane	2050	2000	97	8	30	76-120	
Dichlorodifluoromethane	2050	1640	80	8	30	41-149	
Bromochloromethane	2050	1890	92	6	30	81-121	
Bromodichloromethane	2050	1730	84	8	30	78-118	

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.: 460-62993-1

SDG No.:

Lab File ID: O77913.D Lab Sample ID: MB 460-181583/6

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS12 Date Analyzed: 09/16/2013 18:10

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 460-181583/3	O77910.D	09/16/2013 16:34
	LCSD 460-181583/4	O77911.D	09/16/2013 16:59
PMP-6SE-VD	460-62993-1	O77918.D	09/16/2013 20:14
PMP-8SE-VD	460-62993-8	O77919.D	09/16/2013 20:38
PMP-8SE-WT	460-62993-9	O77920.D	09/16/2013 21:03
PMP-4SE-VS	460-62993-10	O77921.D	09/16/2013 21:28
PMP-4SE-VD	460-62993-11	O77922.D	09/16/2013 21:53
PMP-4SE-WT	460-62993-12	O77923.D	09/16/2013 22:18
PMP-14SE-VS	460-62993-13	O77924.D	09/16/2013 22:43
PMP-14SE-VD	460-62993-14	O77925.D	09/16/2013 23:08
PMP-14SE-WT	460-62993-15	O77926.D	09/16/2013 23:33
PMP-25SE-VS	460-62993-16	O77927.D	09/16/2013 23:58
PMP-25SE-VD	460-62993-17	O77928.D	09/17/2013 00:23
PMP-25SE-WT	460-62993-18	O77929.D	09/17/2013 00:49
PMP-10SE-VD	460-62993-22	O77930.D	09/17/2013 01:14
PMP-10SE-SI	460-62993-24	O77931.D	09/17/2013 01:39
PMP-13SE-VD	460-62993-26	O77932.D	09/17/2013 02:04
PMP-10SE-WT	460-62993-23	O77933.D	09/17/2013 02:29

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: O77943.D Lab Sample ID: MB 460-181663/7

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS12 Date Analyzed: 09/17/2013 07:38

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 460-181663/4	O77940.D	09/17/2013 05:54
	LCSD 460-181663/5	O77941.D	09/17/2013 06:19
PMP-10SE-SD	460-62993-25	O77949.D	09/17/2013 10:08
PMP-13SE-WT	460-62993-27	O77950.D	09/17/2013 10:33
PMP-13SE-SD	460-62993-29	O77951.D	09/17/2013 10:58
PMP-15SE-VD	460-62993-30	O77952.D	09/17/2013 11:23
PMP-15SE-WT	460-62993-31	O77953.D	09/17/2013 11:48
PMP-15SE-SI	460-62993-32	O77954.D	09/17/2013 12:13
PMP-15SE-SD	460-62993-33	O77955.D	09/17/2013 12:37
PMP-31SE-VD	460-62993-35	O77957.D	09/17/2013 13:27
PMP-31SE-WT	460-62993-36	O77958.D	09/17/2013 13:52
PMP-32SE-VS	460-62993-37	O77959.D	09/17/2013 14:17
PMP-32SE-WT	460-62993-39	O77961.D	09/17/2013 15:07

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: O77967.D Lab Sample ID: MB 460-181813/6

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS12 Date Analyzed: 09/17/2013 17:43

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 460-181813/3	O77964.D	09/17/2013 16:15
	LCSD 460-181813/4	O77965.D	09/17/2013 16:40
DUP-091313	460-62993-40	O77968.D	09/17/2013 18:08
DUP2-091313	460-62993-42	O77969.D	09/17/2013 18:33
DUP3-091313	460-62993-43	O77970.D	09/17/2013 18:58
PMP-31SE-VS	460-62993-34	O77971.D	09/17/2013 19:22
PMP-32SE-VD	460-62993-38	O77972.D	09/17/2013 19:47

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: O78101.D Lab Sample ID: MB 460-182287/7

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS12 Date Analyzed: 09/20/2013 07:50

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-182287/4	O78098.D	09/20/2013 06:19
	LCSD 460-182287/5	O78099.D	09/20/2013 06:45
PMP-5SE-VD	460-62993-4	O78103.D	09/20/2013 08:40
PMP-8SE-VS	460-62993-7	O78105.D	09/20/2013 09:30
DUP1-091313	460-62993-41	O78120.D	09/20/2013 15:44

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: B60674.D Lab Sample ID: MB 460-182095/8

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: CVOAMS2 Date Analyzed: 09/19/2013 14:19

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 460-182095/5	B60671.D	09/19/2013 12:40
	460-62968-A-6-A MS	B60676.D	09/19/2013 15:13
	460-62968-A-6-A MSD	B60677.D	09/19/2013 15:36
PMP-5SE-WT	460-62993-5	B60686.D	09/19/2013 19:14
PMP-5SE-SI	460-62993-6	B60687.D	09/19/2013 19:36
PMP-6SE-SI	460-62993-3	B60688.D	09/19/2013 19:58
PMP-7SE-WT	460-62993-20	B60690.D	09/19/2013 20:45
PMP-7SE-VD	460-62993-19	B60691.D	09/19/2013 21:07

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: B60702.D Lab Sample ID: MB 460-182277/7

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: CVOAMS2 Date Analyzed: 09/20/2013 01:06

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 460-182277/4	B60699.D	09/19/2013 23:58
PMP-7SE-SI	460-62993-21	B60705.D	09/20/2013 02:15
PMP-13SE-SI	460-62993-28	B60706.D	09/20/2013 02:38
PMP-6SE-WT	460-62993-2	B60710.D	09/20/2013 04:10
	460-62871-A-1-A MS	B60713.D	09/20/2013 05:18
	460-62871-A-1-A MSD	B60714.D	09/20/2013 05:42

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: J04330.D Lab Sample ID: MB 460-181697/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS8 Date Analyzed: 09/17/2013 12:08

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 460-181697/5	J04327.D	09/17/2013 10:41
	460-62772-C-2 MS	J04338.D	09/17/2013 15:26
	460-62772-C-2 MSD	J04339.D	09/17/2013 15:51
FB-091313	460-62993-44	J04344.D	09/17/2013 17:55

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: O76495.D BFB Injection Date: 08/06/2013

Instrument ID: CVOAMS12 BFB Injection Time: 19:16

Analysis Batch No.: 174731

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.4	
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	7.4	
173	Less than 2.0 % of mass 174	0.8	(0.9)1
174	50.0 - 120.00 % of mass 95	83.3	
175	5.0 - 9.0 % of mass 174	5.1	(6.2)1
176	95.0 - 101.0 % of mass 174	82.5	(99.1)1
177	5.0 - 9.0 % of mass 176	5.7	(6.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD2 460-174731/3	O76497.D	08/06/2013	20:05
	STD1 460-174731/4	O76498.D	08/06/2013	20:30
	ICIS 460-174731/5	O76499.D	08/06/2013	20:55
	STD4 460-174731/6	O76500.D	08/06/2013	21:20
	STD5 460-174731/7	O76501.D	08/06/2013	21:45
	STD6 460-174731/8	O76502.D	08/06/2013	22:09

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: O77908.D BFB Injection Date: 09/16/2013

Instrument ID: CVOAMS12 BFB Injection Time: 15:45

Analysis Batch No.: 181583

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.2	
75	30.0 - 60.0 % of mass 95	47.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	81.9	
175	5.0 - 9.0 % of mass 174	7.2	(8.8)1
176	95.0 - 101.0 % of mass 174	81.9	(100.0)1
177	5.0 - 9.0 % of mass 176	6.0	(7.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-181583/2	O77909.D	09/16/2013	16:10
	LCS 460-181583/3	O77910.D	09/16/2013	16:34
	LCSD 460-181583/4	O77911.D	09/16/2013	16:59
	MB 460-181583/6	O77913.D	09/16/2013	18:10
PMP-6SE-VD	460-62993-1	O77918.D	09/16/2013	20:14
PMP-8SE-VD	460-62993-8	O77919.D	09/16/2013	20:38
PMP-8SE-WT	460-62993-9	O77920.D	09/16/2013	21:03
PMP-4SE-VS	460-62993-10	O77921.D	09/16/2013	21:28
PMP-4SE-VD	460-62993-11	O77922.D	09/16/2013	21:53
PMP-4SE-WT	460-62993-12	O77923.D	09/16/2013	22:18
PMP-14SE-VS	460-62993-13	O77924.D	09/16/2013	22:43
PMP-14SE-VD	460-62993-14	O77925.D	09/16/2013	23:08
PMP-14SE-WT	460-62993-15	O77926.D	09/16/2013	23:33
PMP-25SE-VS	460-62993-16	O77927.D	09/16/2013	23:58
PMP-25SE-VD	460-62993-17	O77928.D	09/17/2013	00:23
PMP-25SE-WT	460-62993-18	O77929.D	09/17/2013	00:49
PMP-10SE-VD	460-62993-22	O77930.D	09/17/2013	01:14
PMP-10SE-SI	460-62993-24	O77931.D	09/17/2013	01:39
PMP-13SE-VD	460-62993-26	O77932.D	09/17/2013	02:04
PMP-10SE-WT	460-62993-23	O77933.D	09/17/2013	02:29

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: O77937.D BFB Injection Date: 09/17/2013

Instrument ID: CVOAMS12 BFB Injection Time: 04:35

Analysis Batch No.: 181663

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.2	
75	30.0 - 60.0 % of mass 95	44.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.7	(0.8)1
174	50.0 - 120.00 % of mass 95	87.4	
175	5.0 - 9.0 % of mass 174	6.7	(7.7)1
176	95.0 - 101.0 % of mass 174	83.8	(95.9)1
177	5.0 - 9.0 % of mass 176	5.5	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-181663/2	O77938.D	09/17/2013	05:03
	LCS 460-181663/4	O77940.D	09/17/2013	05:54
	LCSD 460-181663/5	O77941.D	09/17/2013	06:19
	MB 460-181663/7	O77943.D	09/17/2013	07:38
PMP-10SE-SD	460-62993-25	O77949.D	09/17/2013	10:08
PMP-13SE-WT	460-62993-27	O77950.D	09/17/2013	10:33
PMP-13SE-SD	460-62993-29	O77951.D	09/17/2013	10:58
PMP-15SE-VD	460-62993-30	O77952.D	09/17/2013	11:23
PMP-15SE-WT	460-62993-31	O77953.D	09/17/2013	11:48
PMP-15SE-SI	460-62993-32	O77954.D	09/17/2013	12:13
PMP-15SE-SD	460-62993-33	O77955.D	09/17/2013	12:37
PMP-31SE-VD	460-62993-35	O77957.D	09/17/2013	13:27
PMP-31SE-WT	460-62993-36	O77958.D	09/17/2013	13:52
PMP-32SE-VS	460-62993-37	O77959.D	09/17/2013	14:17
PMP-32SE-WT	460-62993-39	O77961.D	09/17/2013	15:07

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: O77962.D BFB Injection Date: 09/17/2013

Instrument ID: CVOAMS12 BFB Injection Time: 15:27

Analysis Batch No.: 181813

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.1	
75	30.0 - 60.0 % of mass 95	46.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.6	(0.7)1
174	50.0 - 120.00 % of mass 95	88.3	
175	5.0 - 9.0 % of mass 174	6.7	(7.5)1
176	95.0 - 101.0 % of mass 174	87.0	(98.5)1
177	5.0 - 9.0 % of mass 176	5.8	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-181813/2	O77963.D	09/17/2013	15:51
	LCS 460-181813/3	O77964.D	09/17/2013	16:15
	LCSD 460-181813/4	O77965.D	09/17/2013	16:40
	MB 460-181813/6	O77967.D	09/17/2013	17:43
DUP-091313	460-62993-40	O77968.D	09/17/2013	18:08
DUP2-091313	460-62993-42	O77969.D	09/17/2013	18:33
DUP3-091313	460-62993-43	O77970.D	09/17/2013	18:58
PMP-31SE-VS	460-62993-34	O77971.D	09/17/2013	19:22
PMP-32SE-VD	460-62993-38	O77972.D	09/17/2013	19:47

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: O78095.D BFB Injection Date: 09/20/2013

Instrument ID: CVOAMS12 BFB Injection Time: 04:38

Analysis Batch No.: 182287

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.3	
75	30.0 - 60.0 % of mass 95	50.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.2	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	64.8	
175	5.0 - 9.0 % of mass 174	5.5	(8.4)1
176	95.0 - 101.0 % of mass 174	64.7	(99.8)1
177	5.0 - 9.0 % of mass 176	4.2	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-182287/2	O78096.D	09/20/2013	05:03
	LCS 460-182287/4	O78098.D	09/20/2013	06:19
	LCSD 460-182287/5	O78099.D	09/20/2013	06:45
	MB 460-182287/7	O78101.D	09/20/2013	07:50
PMP-5SE-VD	460-62993-4	O78103.D	09/20/2013	08:40
PMP-8SE-VS	460-62993-7	O78105.D	09/20/2013	09:30
DUP1-091313	460-62993-41	O78120.D	09/20/2013	15:44

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: B60587.D BFB Injection Date: 09/17/2013

Instrument ID: CVOAMS2 BFB Injection Time: 20:07

Analysis Batch No.: 181873

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	25.3	
75	30.0 - 60.0 % of mass 95	55.3	
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	0.5	(0.6)1
174	50.0 - 120.00 % of mass 95	84.2	
175	5.0 - 9.0 % of mass 174	6.5	(7.7)1
176	95.0 - 101.0 % of mass 174	81.4	(96.7)1
177	5.0 - 9.0 % of mass 176	5.3	(6.5)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
	ICIS 460-181873/3	B60589.D	09/17/2013	21:05
	STD2 460-181873/10	B60596.D	09/18/2013	01:29
	STD4 460-181873/11	B60597.D	09/18/2013	01:52
	STD5 460-181873/12	B60598.D	09/18/2013	02:14
	STD6 460-181873/13	B60599.D	09/18/2013	02:37
	STD1 460-181873/19	B60605.D	09/18/2013	04:57

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: B60667.D BFB Injection Date: 09/19/2013

Instrument ID: CVOAMS2 BFB Injection Time: 09:40

Analysis Batch No.: 182095

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	25.3	
75	30.0 - 60.0 % of mass 95	56.9	
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	0.3	(0.3)1
174	50.0 - 120.00 % of mass 95	82.5	
175	5.0 - 9.0 % of mass 174	6.7	(8.1)1
176	95.0 - 101.0 % of mass 174	81.2	(98.3)1
177	5.0 - 9.0 % of mass 176	5.7	(7.1)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 460-182095/3	B60669.D	09/19/2013	10:42
	LCS 460-182095/5	B60671.D	09/19/2013	12:40
	MB 460-182095/8	B60674.D	09/19/2013	14:19
	460-62968-A-6-A MS	B60676.D	09/19/2013	15:13
	460-62968-A-6-A MSD	B60677.D	09/19/2013	15:36
PMP-5SE-WT	460-62993-5	B60686.D	09/19/2013	19:14
PMP-5SE-SI	460-62993-6	B60687.D	09/19/2013	19:36
PMP-6SE-SI	460-62993-3	B60688.D	09/19/2013	19:58
PMP-7SE-WT	460-62993-20	B60690.D	09/19/2013	20:45
PMP-7SE-VD	460-62993-19	B60691.D	09/19/2013	21:07

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: B60696.D BFB Injection Date: 09/19/2013

Instrument ID: CVOAMS2 BFB Injection Time: 22:50

Analysis Batch No.: 182277

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	24.7	
75	30.0 - 60.0 % of mass 95	54.8	
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	1.6	(1.9)1
174	50.0 - 120.00 % of mass 95	83.3	
175	5.0 - 9.0 % of mass 174	6.8	(8.1)1
176	95.0 - 101.0 % of mass 174	82.8	(99.4)1
177	5.0 - 9.0 % of mass 176	5.6	(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 460-182277/3	B60698.D	09/19/2013	23:35
	LCS 460-182277/4	B60699.D	09/19/2013	23:58
	MB 460-182277/7	B60702.D	09/20/2013	01:06
PMP-7SE-SI	460-62993-21	B60705.D	09/20/2013	02:15
PMP-13SE-SI	460-62993-28	B60706.D	09/20/2013	02:38
PMP-6SE-WT	460-62993-2	B60710.D	09/20/2013	04:10
	460-62871-A-1-A MS	B60713.D	09/20/2013	05:18
	460-62871-A-1-A MSD	B60714.D	09/20/2013	05:42

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: J03444.D BFB Injection Date: 08/23/2013

Instrument ID: CVOAMS8 BFB Injection Time: 11:32

Analysis Batch No.: 177780

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	25.8	
75	30.0 - 60.0 % of mass 95	53.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.6	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	71.5	
175	5.0 - 9.0 % of mass 174	5.3	(7.4)1
176	95.0 - 101.0 % of mass 174	71.0	(99.3)1
177	5.0 - 9.0 % of mass 176	5.1	(7.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-177780/4	J03447.D	08/23/2013	12:47
	STD2 460-177780/5	J03448.D	08/23/2013	13:12
	ICIS 460-177780/6	J03449.D	08/23/2013	13:37
	STD4 460-177780/7	J03450.D	08/23/2013	14:02
	STD5 460-177780/8	J03451.D	08/23/2013	14:27
	STD6 460-177780/9	J03452.D	08/23/2013	14:51

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: J04323.D BFB Injection Date: 09/17/2013

Instrument ID: CVOAMS8 BFB Injection Time: 08:08

Analysis Batch No.: 181697

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	25.8	
75	30.0 - 60.0 % of mass 95	54.9	
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	0.3	(0.3)1
174	50.0 - 120.00 % of mass 95	80.8	
175	5.0 - 9.0 % of mass 174	6.2	(7.7)1
176	95.0 - 101.0 % of mass 174	77.1	(95.3)1
177	5.0 - 9.0 % of mass 176	5.6	(7.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-181697/3	J04325.D	09/17/2013	09:34
	LCS 460-181697/5	J04327.D	09/17/2013	10:41
	MB 460-181697/8	J04330.D	09/17/2013	12:08
	460-62772-C-2 MS	J04338.D	09/17/2013	15:26
	460-62772-C-2 MSD	J04339.D	09/17/2013	15:51
FB-091313	460-62993-44	J04344.D	09/17/2013	17:55

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-181583/2 Date Analyzed: 09/16/2013 16:10

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): O77909.D Heated Purge: (Y/N) Y

Calibration ID: 27291

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		186884	1.90	322528	3.65	21433	4.36
UPPER LIMIT		373768	2.40	645056	4.15	42866	4.86
LOWER LIMIT		93442	1.40	161264	3.15	10717	3.86
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-181583/3		215919	1.90	367886	3.65	22030	4.35
LCSD 460-181583/4		232039	1.90	409902	3.65	23496	4.34
MB 460-181583/6		249502	1.89	373953	3.65	24764	4.35
460-62993-1	PMP-6SE-VD	209204	1.90	360673	3.65	18546	4.34
460-62993-8	PMP-8SE-VD	254315	1.90	393263	3.66	21085	4.35
460-62993-9	PMP-8SE-WT	227528	1.90	388035	3.66	18244	4.37
460-62993-10	PMP-4SE-VS	246678	1.90	368838	3.66	21337	4.37
460-62993-11	PMP-4SE-VD	288649	1.91	396039	3.66	26202	4.36
460-62993-12	PMP-4SE-WT	270817	1.91	395218	3.66	24301	4.35
460-62993-13	PMP-14SE-VS	261444	1.91	378333	3.66	20268	4.35
460-62993-14	PMP-14SE-VD	277002	1.90	391427	3.66	23672	4.35
460-62993-15	PMP-14SE-WT	288053	1.91	388292	3.66	25523	4.35
460-62993-16	PMP-25SE-VS	285099	1.91	389603	3.66	22038	4.35
460-62993-17	PMP-25SE-VD	253870	1.91	385414	3.66	20620	4.35
460-62993-18	PMP-25SE-WT	282227	1.91	390393	3.66	24444	4.35
460-62993-22	PMP-10SE-VD	281895	1.91	388152	3.66	24158	4.35
460-62993-24	PMP-10SE-SI	252496	1.90	389595	3.66	19508	4.38
460-62993-26	PMP-13SE-VD	166962	1.90	179033	3.65	15983	4.35
460-62993-23	PMP-10SE-WT	268448	1.91	367622	3.66	24861	4.35

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-181583/2 Date Analyzed: 09/16/2013 16:10

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): O77909.D Heated Purge: (Y/N) Y

Calibration ID: 27291

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		335939	7.21	212299	10.87		
UPPER LIMIT		671878	7.71	424598	11.37		
LOWER LIMIT		167970	6.71	106150	10.37		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-181583/3		360658	7.21	215640	10.87		
LCSD 460-181583/4		389714	7.21	224431	10.87		
MB 460-181583/6		352752	7.21	203259	10.87		
460-62993-1	PMP-6SE-VD	353731	7.21	207023	10.87		
460-62993-8	PMP-8SE-VD	369498	7.21	211964	10.87		
460-62993-9	PMP-8SE-WT	360596	7.21	207236	10.87		
460-62993-10	PMP-4SE-VS	340251	7.21	188118	10.87		
460-62993-11	PMP-4SE-VD	372011	7.21	215460	10.87		
460-62993-12	PMP-4SE-WT	368022	7.21	212321	10.87		
460-62993-13	PMP-14SE-VS	346265	7.21	200646	10.87		
460-62993-14	PMP-14SE-VD	366180	7.21	208385	10.87		
460-62993-15	PMP-14SE-WT	364701	7.21	209957	10.87		
460-62993-16	PMP-25SE-VS	359564	7.21	206144	10.87		
460-62993-17	PMP-25SE-VD	359985	7.21	208910	10.87		
460-62993-18	PMP-25SE-WT	363276	7.21	207004	10.87		
460-62993-22	PMP-10SE-VD	362871	7.21	206701	10.87		
460-62993-24	PMP-10SE-SI	360999	7.21	205298	10.87		
460-62993-26	PMP-13SE-VD	181333	7.21	106443	10.87		
460-62993-23	PMP-10SE-WT	340544	7.21	164416	10.87		

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-181663/2 Date Analyzed: 09/17/2013 05:03

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): O77938.D Heated Purge: (Y/N) Y

Calibration ID: 27291

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		253568	1.91	398165	3.65	26402	4.35
UPPER LIMIT		507136	2.41	796330	4.15	52804	4.85
LOWER LIMIT		126784	1.41	199083	3.15	13201	3.85
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-181663/4		243221	1.91	383395	3.66	25580	4.35
LCSD 460-181663/5		269914	1.91	394424	3.66	26984	4.35
MB 460-181663/7		278968	1.90	384089	3.66	26578	4.37
460-62993-25	PMP-10SE-SD	227363	1.90	388062	3.66	18209	4.36
460-62993-27	PMP-13SE-WT	244572	1.90	375964	3.66	22615	4.35
460-62993-29	PMP-13SE-SD	251244	1.90	377180	3.66	20312	4.35
460-62993-30	PMP-15SE-VD	268217	1.90	384572	3.66	20341	4.36
460-62993-31	PMP-15SE-WT	268985	1.90	373564	3.66	22812	4.35
460-62993-32	PMP-15SE-SI	243563	1.90	379739	3.66	21005	4.35
460-62993-33	PMP-15SE-SD	255497	1.90	376329	3.66	21207	4.35
460-62993-35	PMP-31SE-VD	270156	1.90	369248	3.66	22928	4.35
460-62993-36	PMP-31SE-WT	254629	1.90	376341	3.66	21659	4.37
460-62993-37	PMP-32SE-VS	277911	1.90	380933	3.66	22092	4.36
460-62993-39	PMP-32SE-WT	230464	1.90	374851	3.66	20900	4.35

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-181663/2 Date Analyzed: 09/17/2013 05:03

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): O77938.D Heated Purge: (Y/N) Y

Calibration ID: 27291

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		382865	7.21	216052	10.87		
UPPER LIMIT		765730	7.71	432104	11.37		
LOWER LIMIT		191433	6.71	108026	10.37		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-181663/4		366680	7.21	214404	10.87		
LCSD 460-181663/5		375159	7.21	211036	10.87		
MB 460-181663/7		358155	7.21	206227	10.87		
460-62993-25	PMP-10SE-SD	359815	7.21	214645	10.87		
460-62993-27	PMP-13SE-WT	352999	7.21	203630	10.87		
460-62993-29	PMP-13SE-SD	356155	7.21	195028	10.87		
460-62993-30	PMP-15SE-VD	363685	7.21	208146	10.87		
460-62993-31	PMP-15SE-WT	360351	7.21	208245	10.87		
460-62993-32	PMP-15SE-SI	364247	7.21	209439	10.87		
460-62993-33	PMP-15SE-SD	363773	7.21	211446	10.87		
460-62993-35	PMP-31SE-VD	359087	7.21	200731	10.87		
460-62993-36	PMP-31SE-WT	364653	7.21	210984	10.87		
460-62993-37	PMP-32SE-VS	353668	7.21	202017	10.87		
460-62993-39	PMP-32SE-WT	359020	7.21	203645	10.87		

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-181813/2 Date Analyzed: 09/17/2013 15:51

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): O77963.D Heated Purge: (Y/N) Y

Calibration ID: 27291

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		220818	1.90	375369	3.65	23586	4.35
UPPER LIMIT		441636	2.40	750738	4.15	47172	4.85
LOWER LIMIT		110409	1.40	187685	3.15	11793	3.85
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-181813/3		217336	1.90	375871	3.65	22324	4.36
LCSD 460-181813/4		212827	1.90	383084	3.66	19792	4.35
MB 460-181813/6		251546	1.90	370974	3.65	22616	4.35
460-62993-40	DUP-091313	227070	1.90	356399	3.65	20870	4.34
460-62993-42	DUP2-091313	218793	1.90	371746	3.65	21549	4.35
460-62993-43	DUP3-091313	195874	1.90	365264	3.66	16707	4.35
460-62993-34	PMP-31SE-VS	226236	1.90	363657	3.66	21991	4.34
460-62993-38	PMP-32SE-VD	179468	1.90	359192	3.66	12123	4.35

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-181813/2 Date Analyzed: 09/17/2013 15:51

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): O77963.D Heated Purge: (Y/N) Y

Calibration ID: 27291

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		359048	7.21	208215	10.87		
UPPER LIMIT		718096	7.71	416430	11.37		
LOWER LIMIT		179524	6.71	104108	10.37		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-181813/3		359943	7.21	203305	10.87		
LCSD 460-181813/4		360589	7.21	207136	10.87		
MB 460-181813/6		356009	7.21	200339	10.87		
460-62993-40	DUP-091313	343069	7.21	194026	10.87		
460-62993-42	DUP2-091313	362730	7.21	205020	10.87		
460-62993-43	DUP3-091313	346721	7.21	198268	10.87		
460-62993-34	PMP-31SE-VS	348270	7.21	196579	10.87		
460-62993-38	PMP-32SE-VD	344726	7.21	195923	10.87		

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182287/2 Date Analyzed: 09/20/2013 05:03

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O78096.D Heated Purge: (Y/N) Y

Calibration ID: 27291

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		335506	1.90	506515	3.65	34422	4.35
UPPER LIMIT		671012	2.40	1013030	4.15	68844	4.85
LOWER LIMIT		167753	1.40	253258	3.15	17211	3.85
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-182287/4		328466	1.91	484080	3.66	35374	4.35
LCSD 460-182287/5		344020	1.90	490034	3.66	34967	4.35
MB 460-182287/7		404218	1.90	447686	3.66	39269	4.36
460-62993-4	PMP-5SE-VD	329415	1.90	481044	3.66	27625	4.35
460-62993-7	PMP-8SE-VS	326235	1.90	444671	3.66	27585	4.35
460-62993-41	DUP1-091313	318350	1.90	448650	3.66	27764	4.34

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182287/2 Date Analyzed: 09/20/2013 05:03

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O78096.D Heated Purge: (Y/N) Y

Calibration ID: 27291

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		507395	7.21	299042	10.87		
UPPER LIMIT		1014790	7.71	598084	11.37		
LOWER LIMIT		253698	6.71	149521	10.37		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-182287/4		490364	7.21	290601	10.87		
LCSD 460-182287/5		497505	7.21	286942	10.87		
MB 460-182287/7		443831	7.21	254074	10.87		
460-62993-4	PMP-5SE-VD	482691	7.21	275589	10.87		
460-62993-7	PMP-8SE-VS	443890	7.21	257282	10.87		
460-62993-41	DUP1-091313	447782	7.21	226946	10.87		

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182095/3 Date Analyzed: 09/19/2013 10:42

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B60669.D Heated Purge: (Y/N) N

Calibration ID: 29819

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		386917	2.80	703182	5.21	44666	6.06
UPPER LIMIT		773834	3.30	1406364	5.71	89332	6.56
LOWER LIMIT		193459	2.30	351591	4.71	22333	5.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-182095/5		378150	2.79	692985	5.21	40981	6.06
MB 460-182095/8		358903	2.79	688381	5.21	40356	6.07
460-62968-A-6-A MS		349549	2.81	677306	5.22	41758	6.08
460-62968-A-6-A MSD		341072	2.80	654499	5.21	40656	6.07
460-62993-5	PMP-5SE-WT	320013	2.82	649552	5.22	39045	6.07
460-62993-6	PMP-5SE-SI	313037	2.81	660244	5.22	37321	6.08
460-62993-3	PMP-6SE-SI	299083	2.81	647027	5.21	38282	6.06
460-62993-20	PMP-7SE-WT	297868	2.81	655363	5.21	35720	6.07
460-62993-19	PMP-7SE-VD	307649	2.81	654653	5.21	37982	6.07

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182095/3 Date Analyzed: 09/19/2013 10:42

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B60669.D Heated Purge: (Y/N) N

Calibration ID: 29819

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		599993	8.76	349270	10.81		
UPPER LIMIT		1199986	9.26	698540	11.31		
LOWER LIMIT		299997	8.26	174635	10.31		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-182095/5		593214	8.76	338649	10.81		
MB 460-182095/8		587176	8.77	343901	10.81		
460-62968-A-6-A MS		585279	8.77	334496	10.81		
460-62968-A-6-A MSD		560627	8.77	326077	10.81		
460-62993-5	PMP-5SE-WT	555005	8.77	320945	10.81		
460-62993-6	PMP-5SE-SI	557841	8.77	324998	10.81		
460-62993-3	PMP-6SE-SI	542924	8.76	315031	10.81		
460-62993-20	PMP-7SE-WT	543334	8.76	321875	10.81		
460-62993-19	PMP-7SE-VD	549281	8.76	316505	10.81		

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182277/3 Date Analyzed: 09/19/2013 23:35

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B60698.D Heated Purge: (Y/N) N

Calibration ID: 29819

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		364770	2.80	670898	5.22	39590	6.08
UPPER LIMIT		729540	3.30	1341796	5.72	79180	6.58
LOWER LIMIT		182385	2.30	335449	4.72	19795	5.58
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-182277/4		381692	2.81	674422	5.22	44257	6.07
MB 460-182277/7		343281	2.79	613889	5.21	36763	6.07
460-62993-21	PMP-7SE-SI	337948	2.81	655252	5.22	39275	6.07
460-62993-28	PMP-13SE-SI	326585	2.81	638984	5.21	37097	6.07
460-62993-2	PMP-6SE-WT	325679	2.81	657159	5.21	34846	6.07
460-62871-A-1-A MS		377656	2.80	653075	5.21	40129	6.07
460-62871-A-1-A MSD		366953	2.81	674349	5.22	39448	6.08

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182277/3 Date Analyzed: 09/19/2013 23:35

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B60698.D Heated Purge: (Y/N) N

Calibration ID: 29819

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		578027	8.77	334436	10.81		
UPPER LIMIT		1156054	9.27	668872	11.31		
LOWER LIMIT		289014	8.27	167218	10.31		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-182277/4		581031	8.77	339480	10.81		
MB 460-182277/7		506863	8.77	300516	10.81		
460-62993-21	PMP-7SE-SI	552889	8.77	320436	10.81		
460-62993-28	PMP-13SE-SI	534451	8.77	320356	10.81		
460-62993-2	PMP-6SE-WT	560254	8.77	330984	10.81		
460-62871-A-1-A MS		555796	8.77	326118	10.81		
460-62871-A-1-A MSD		577093	8.77	337567	10.81		

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-181697/3 Date Analyzed: 09/17/2013 09:34

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J04325.D Heated Purge: (Y/N) N

Calibration ID: 28331

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		554578	3.19	1085462	5.38	67513	6.08
UPPER LIMIT		1109156	3.69	2170924	5.88	135026	6.58
LOWER LIMIT		277289	2.69	542731	4.88	33757	5.58
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-181697/5		576506	3.19	1132224	5.38	67592	6.08
MB 460-181697/8		471699	3.19	950974	5.38	48127	6.08
460-62772-C-2 MS		451803	3.19	1042317	5.38	51055	6.08
460-62772-C-2 MSD		492221	3.19	1036862	5.38	60798	6.09
460-62993-44	FB-091313	400120	3.19	973967	5.38	41937	6.08

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-181697/3 Date Analyzed: 09/17/2013 09:34

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J04325.D Heated Purge: (Y/N) N

Calibration ID: 28331

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		780965	8.85	457440	10.98		
UPPER LIMIT		1561930	9.35	914880	11.48		
LOWER LIMIT		390483	8.35	228720	10.48		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-181697/5		808402	8.85	478498	10.98		
MB 460-181697/8		678865	8.85	365065	10.98		
460-62772-C-2 MS		753816	8.85	458992	10.98		
460-62772-C-2 MSD		753334	8.85	437249	10.98		
460-62993-44	FB-091313	701760	8.85	385633	10.98		

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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-VD | Lab Sample ID: 460-62993-1

Matrix: Solid | Lab File ID: O77918.D

Analysis Method: 8260B | Date Collected: 09/13/2013 08:20

Sample wt/vol: 5.508(g) | Date Analyzed: 09/16/2013 20:14

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.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.96	0.15
74-83-9	Bromomethane	0.41	U	0.96	0.41
75-01-4	Vinyl chloride	0.33	U	0.96	0.33
75-00-3	Chloroethane	0.32	U	0.96	0.32
75-09-2	Methylene Chloride	0.14	U	0.96	0.14
67-64-1	Acetone	1.6	U	4.8	1.6
75-15-0	Carbon disulfide	0.14	U	0.96	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.96	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.96	0.18
75-34-3	1,1-Dichloroethane	0.11	U	0.96	0.11
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.96	0.12
156-59-2	cis-1,2-Dichloroethene	0.15	J	0.96	0.11
67-66-3	Chloroform	2.2		0.96	0.23
78-93-3	2-Butanone	0.60	U	4.8	0.60
107-06-2	1,2-Dichloroethane	0.17	U	0.96	0.17
71-55-6	1,1,1-Trichloroethane	0.12	U	0.96	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.96	0.14
71-43-2	Benzene	0.14	U	0.96	0.14
75-25-2	Bromoform	0.16	U	0.96	0.16
100-42-5	Styrene	0.27	U	0.96	0.27
100-41-4	Ethylbenzene	0.16	U	0.96	0.16
108-90-7	Chlorobenzene	0.17	U	0.96	0.17
110-82-7	Cyclohexane	0.12	U	0.96	0.12
98-82-8	Isopropylbenzene	0.11	U	0.96	0.11
591-78-6	2-Hexanone	0.12	U	4.8	0.12
1634-04-4	MTBE	0.11	U	0.96	0.11
76-13-1	Freon TF	0.11	U	0.96	0.11
79-20-9	Methyl acetate	0.31	U	0.96	0.31
123-91-1	1,4-Dioxane	12	U	19	12
79-01-6	Trichloroethene	1.0		0.96	0.11
108-88-3	Toluene	0.13	U	0.96	0.13
10061-02-6	trans-1,3-Dichloropropene	0.096	U	0.96	0.096
108-10-1	4-Methyl-2-pentanone	0.19	U	4.8	0.19
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.96	0.13
95-50-1	1,2-Dichlorobenzene	0.15	J	0.96	0.096
541-73-1	1,3-Dichlorobenzene	0.15	U	0.96	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-VD | Lab Sample ID: 460-62993-1

Matrix: Solid | Lab File ID: O77918.D

Analysis Method: 8260B | Date Collected: 09/13/2013 08:20

Sample wt/vol: 5.508(g) | Date Analyzed: 09/16/2013 20:14

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.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.37	J	0.96	0.11
120-82-1	1,2,4-Trichlorobenzene	1.8		0.96	0.18
87-61-6	1,2,3-Trichlorobenzene	0.54	J	0.96	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.96	0.14
108-87-2	Methylcyclohexane	0.096	U	0.96	0.096
127-18-4	Tetrachloroethene	0.22	J	0.96	0.11
1330-20-7	Xylenes, Total	0.64	U	2.9	0.64
96-12-8	1,2-Dibromo-3-Chloropropane	0.42	U	0.96	0.42
79-34-5	1,1,2,2-Tetrachloroethane	0.086	U	0.96	0.086
79-00-5	1,1,2-Trichloroethane	0.13	U	0.96	0.13
124-48-1	Dibromochloromethane	0.096	U	0.96	0.096
106-93-4	1,2-Dibromoethane	0.14	U	0.96	0.14
75-71-8	Dichlorodifluoromethane	0.21	U	0.96	0.21
74-97-5	Bromochloromethane	0.11	U	0.96	0.11
75-27-4	Bromodichloromethane	0.31	U	0.96	0.31

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		70-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
460-00-4	Bromofluorobenzene	100		70-130
1868-53-7	Dibromofluoromethane (Surr)	102		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-VD Lab Sample ID: 460-62993-1

Matrix: Solid Lab File ID: O77918.D

Analysis Method: 8260B Date Collected: 09/13/2013 08:20

Sample wt/vol: 5.508(g) Date Analyzed: 09/16/2013 20:14

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.: 181583 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77918.D		
Lims ID:	460-62993-A-1-A	Client ID:	PMP-6SE-VD
Inject. Date:	16-Sep-2013 20:14:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-1-A		
Misc. Info.:	460-0004675-011		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	10
Lims Batch ID:	181583	Lims Sample ID:	11
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m		
Last Update:	17-Sep-2013 11:04:58	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK037		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 11:04:58

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	1.897	1.897	0.0	95	209204	1000.0	
42 cis-1,2-Dichloroethene	96	2.699	2.699	0.0	9	477	0.1567	
47 Chloroform	83	2.950	2.950	0.0	87	9761	2.26	
$ 152 Dibromofluoromethane (Surr)	113	3.079	3.079	0.0	97	85190	51.2	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.358	0.0	88	85672	58.3	
* 59 Fluorobenzene	96	3.652	3.652	0.0	100	360673	50.0	
61 Trichloroethene	95	4.003	3.996	0.007	79	2820	1.04	
* 150 1,4-Dioxane-d8	96	4.340	4.354	-0.014	85	18546	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	373408	52.7	
80 Tetrachloroethene	166	6.073	6.066	0.007	36	784	0.2301	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	353731	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	94	138054	49.9	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	207023	50.0	
117 1,4-Dichlorobenzene	146	10.894	10.901	-0.007	35	2787	0.3876	
121 1,2-Dichlorobenzene	146	11.453	11.453	0.0	51	1047	0.1545	
124 1,2,4-Trichlorobenzene	180	13.229	13.229	0.0	91	10843	1.92	
128 1,2,3-Trichlorobenzene	180	13.645	13.645	0.0	79	2777	0.5588	

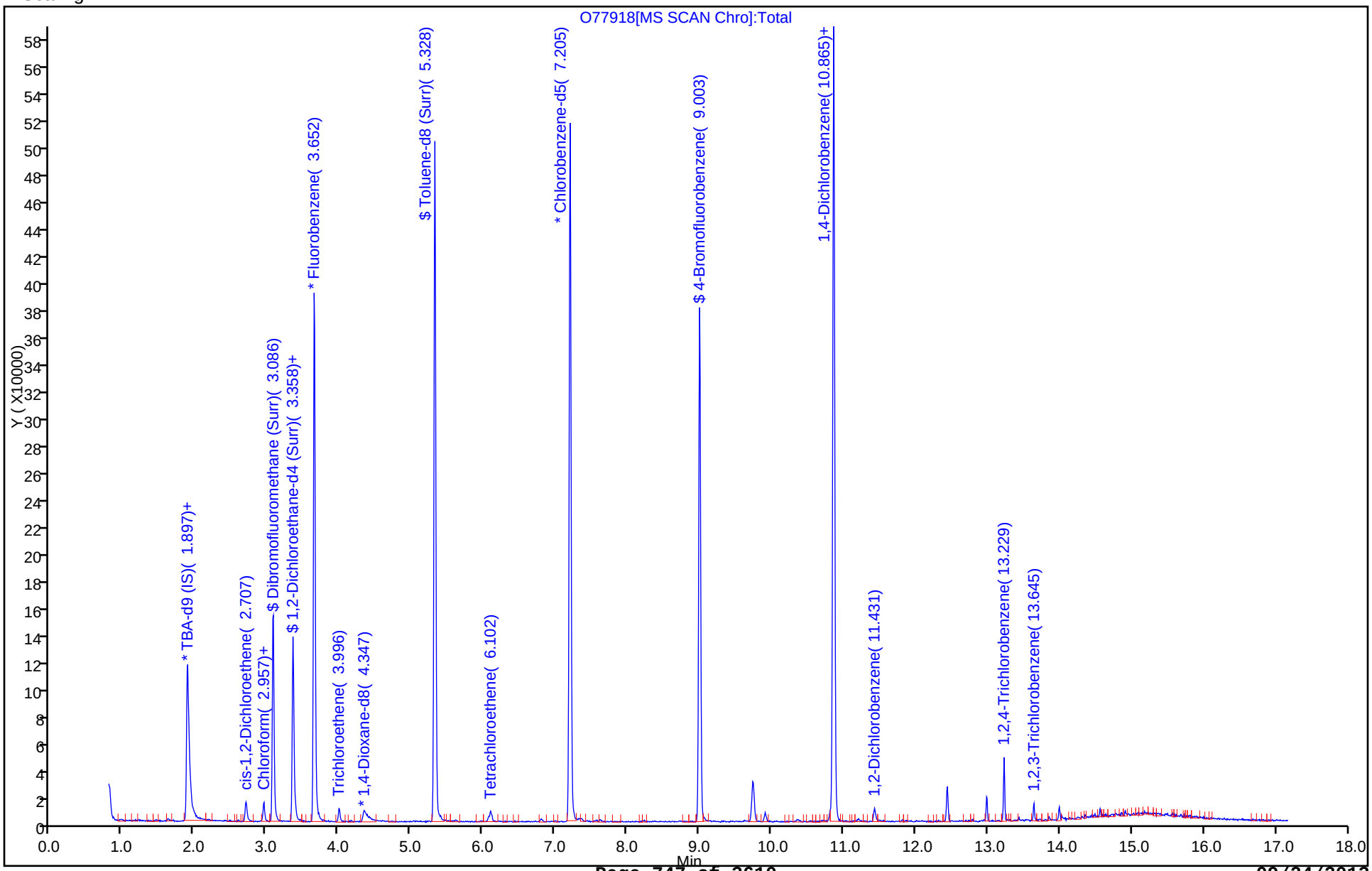
Report Date: 17-Sep-2013 11:04:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77918.D

Injection Date:	16-Sep-2013 20:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	11
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:

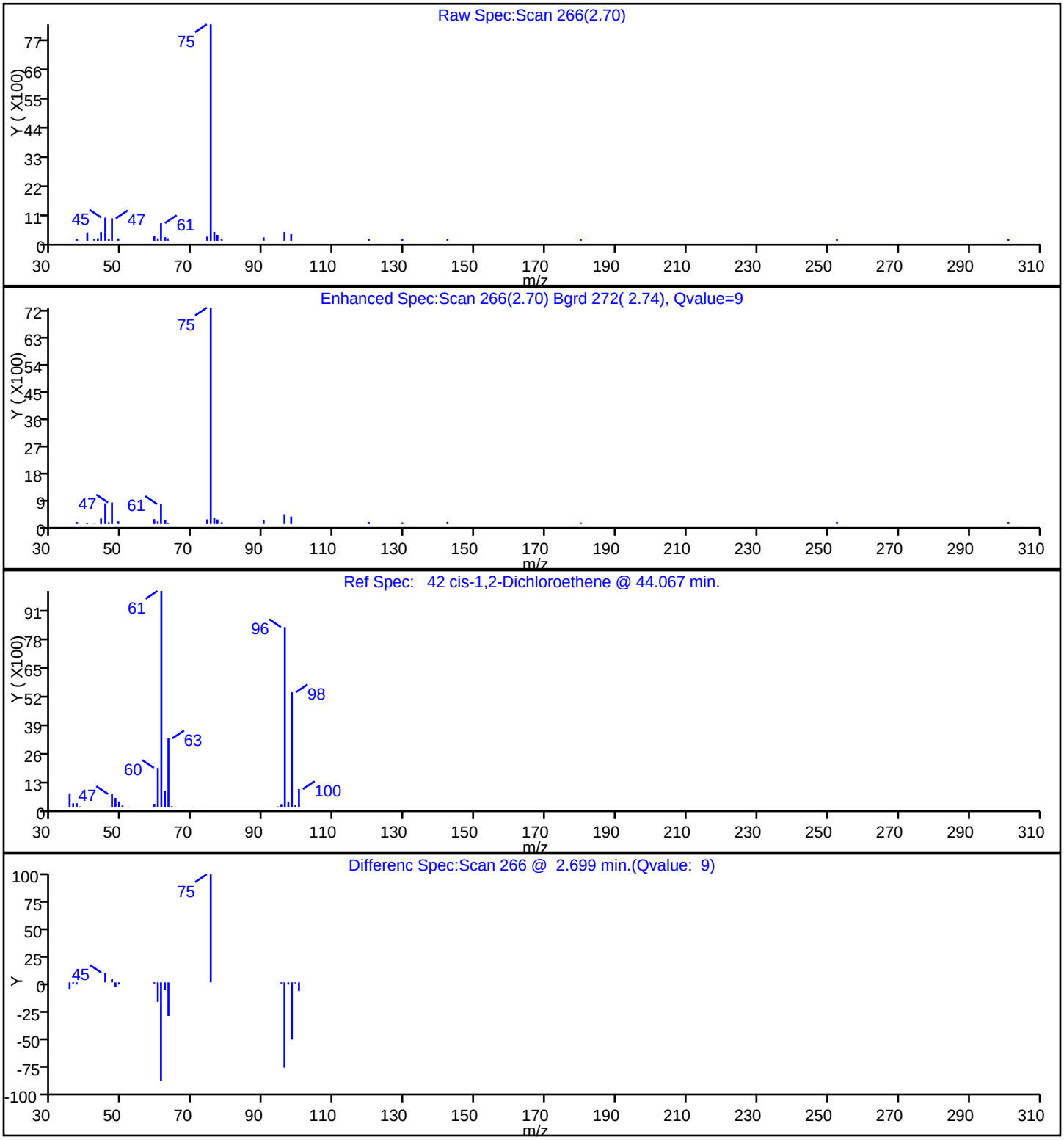


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77918.D

Injection Date:	16-Sep-2013 20:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	11
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

42 cis-1,2-Dichloroethene



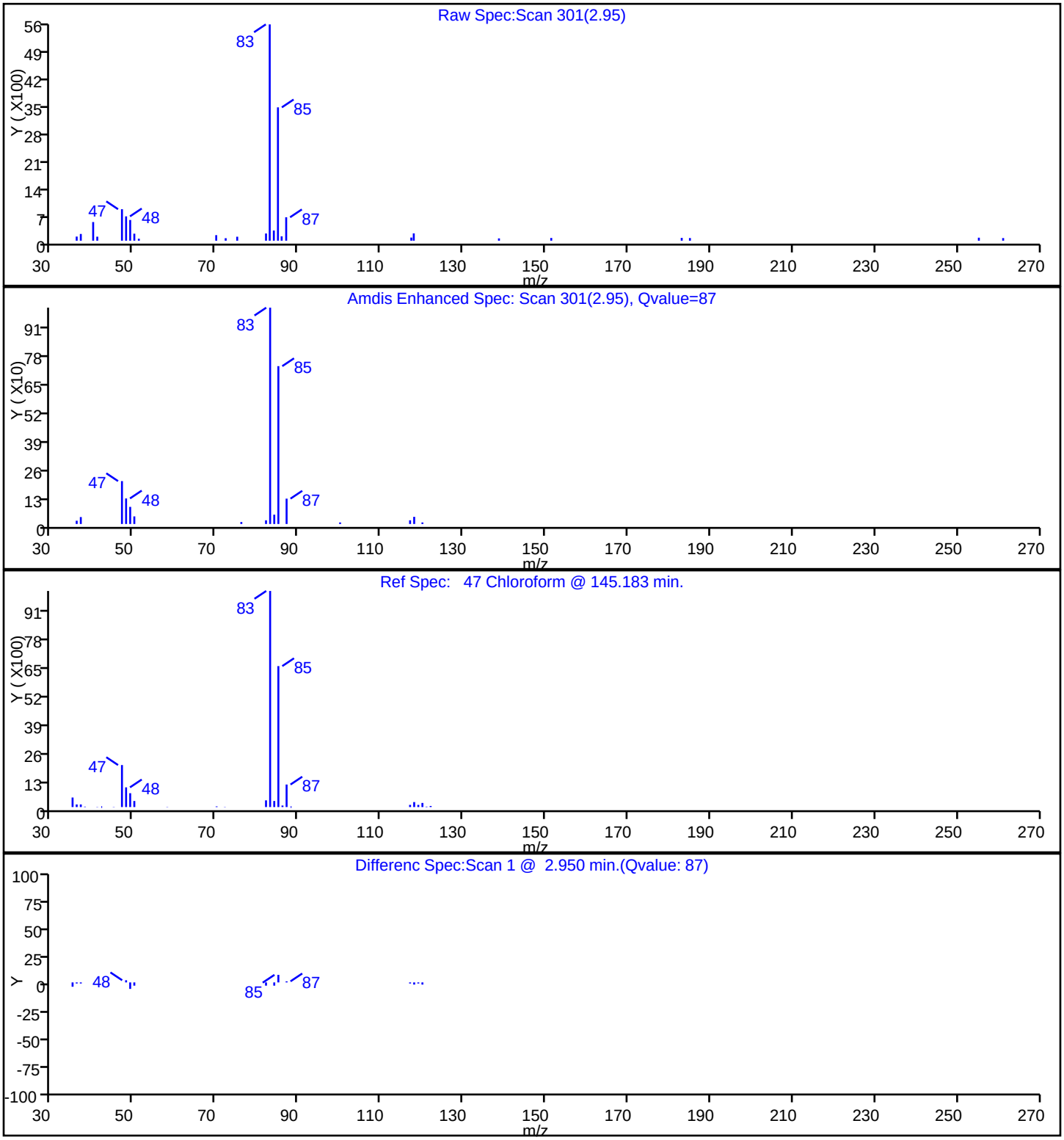
Report Date: 17-Sep-2013 11:04:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77918.D

Injection Date:	16-Sep-2013 20:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	11
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



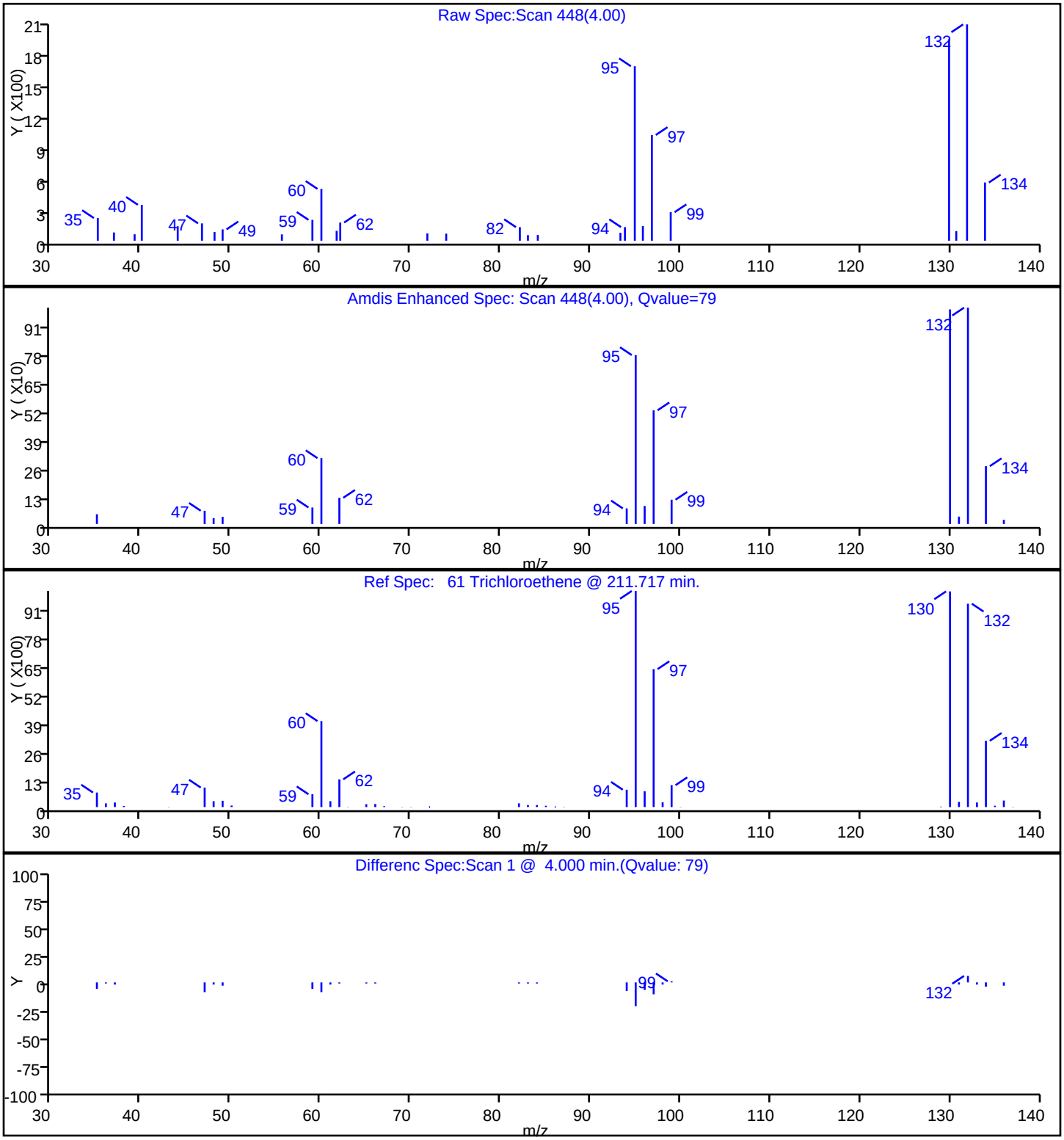
Report Date: 17-Sep-2013 11:04:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77918.D

Injection Date:	16-Sep-2013 20:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	11
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

61 Trichloroethene



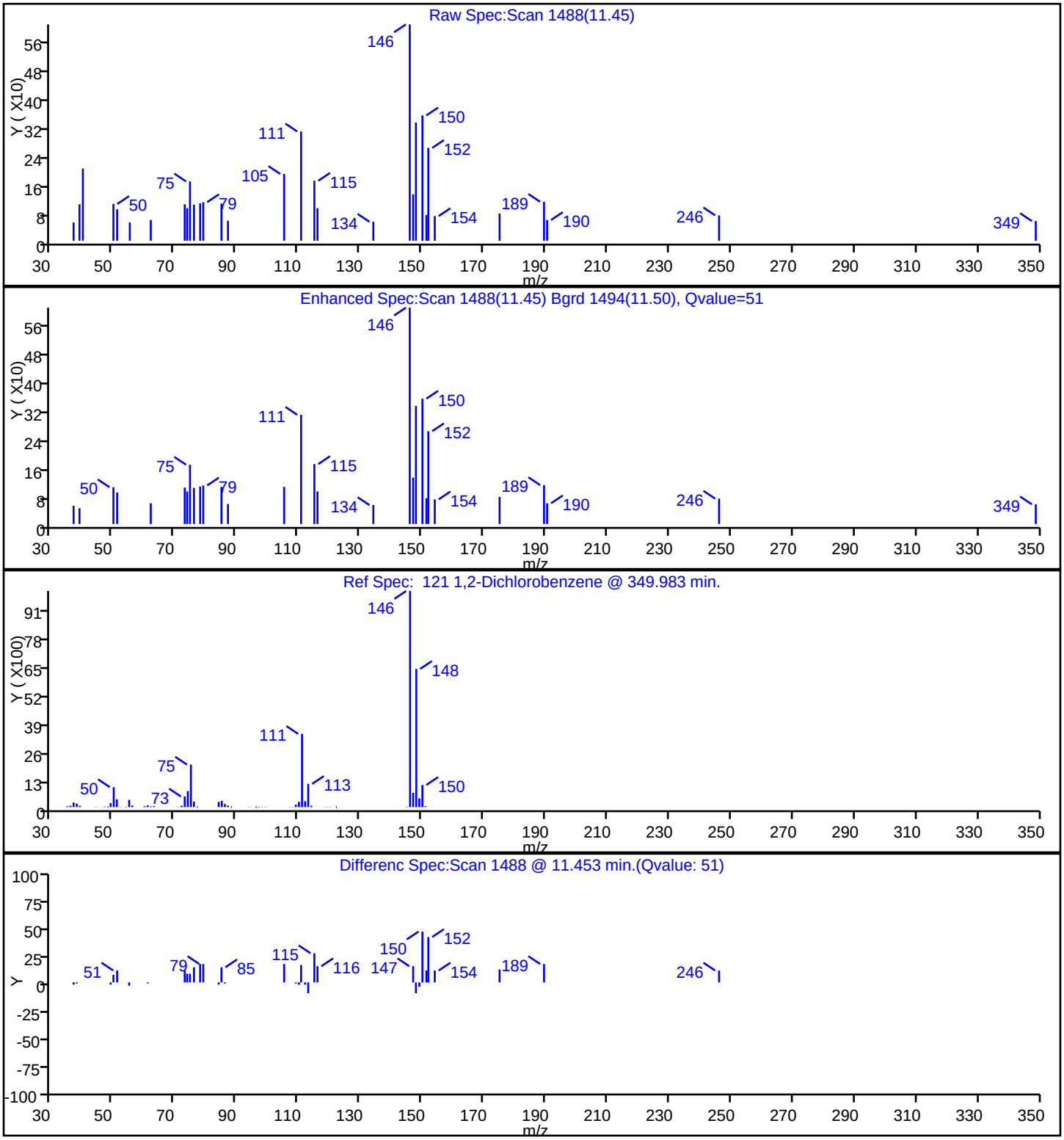
Report Date: 17-Sep-2013 11:04:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77918.D

Injection Date:	16-Sep-2013 20:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	11
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

121 1,2-Dichlorobenzene



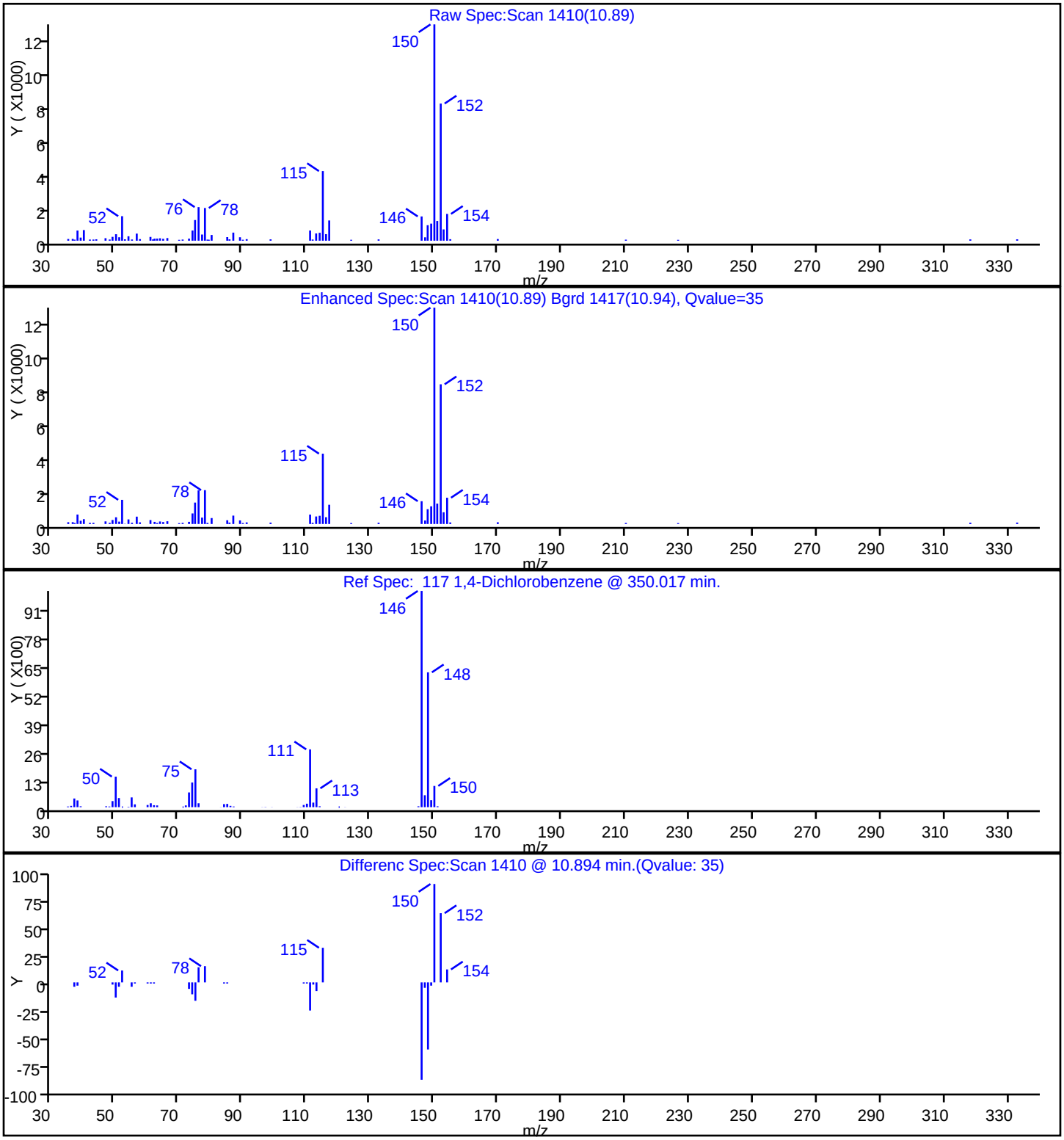
Report Date: 17-Sep-2013 11:04:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77918.D

Injection Date:	16-Sep-2013 20:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	11
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



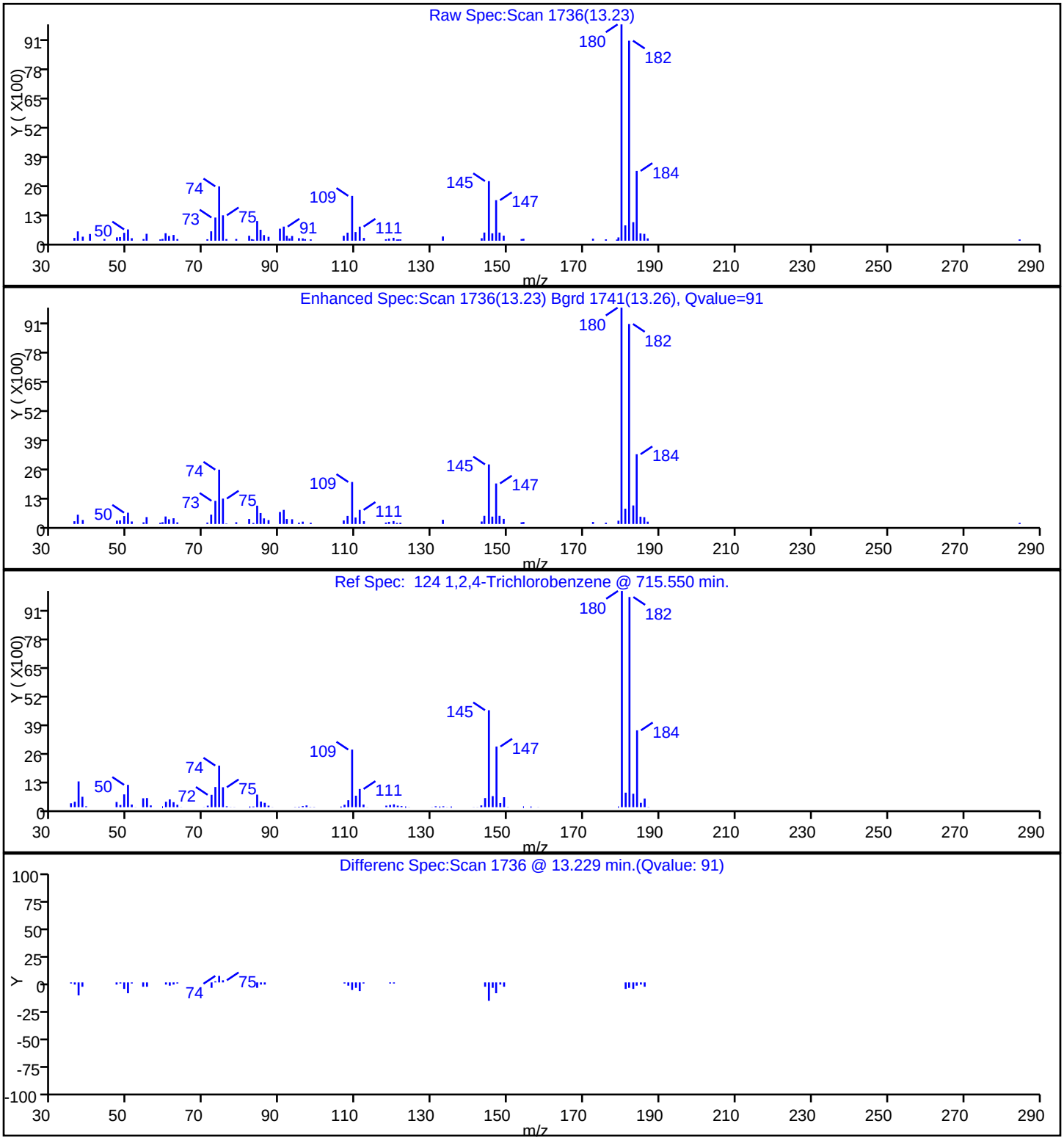
Report Date: 17-Sep-2013 11:04:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77918.D

Injection Date:	16-Sep-2013 20:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	11
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



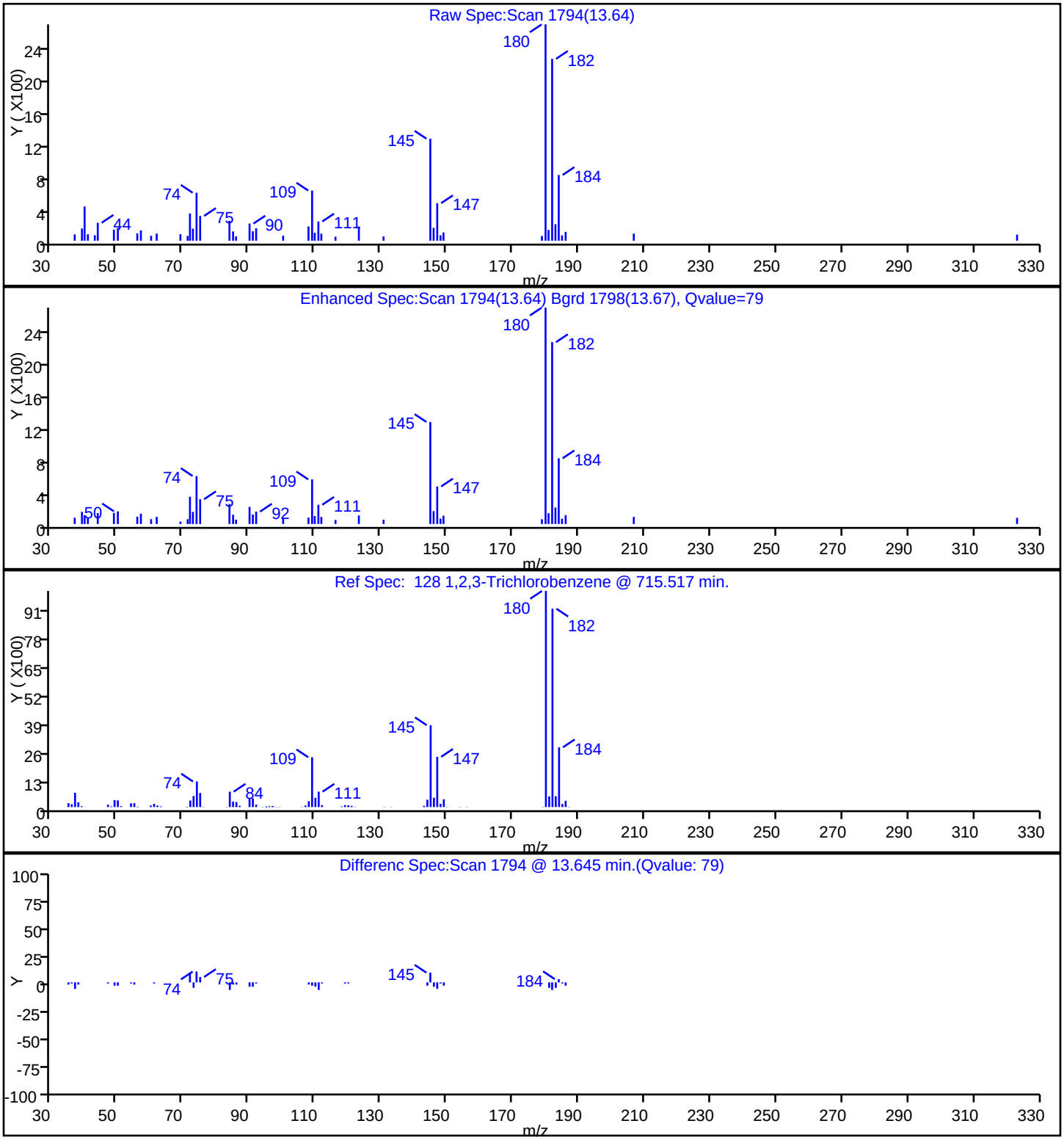
Report Date: 17-Sep-2013 11:04:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77918.D

Injection Date:	16-Sep-2013 20:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	11
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

128 1,2,3-Trichlorobenzene



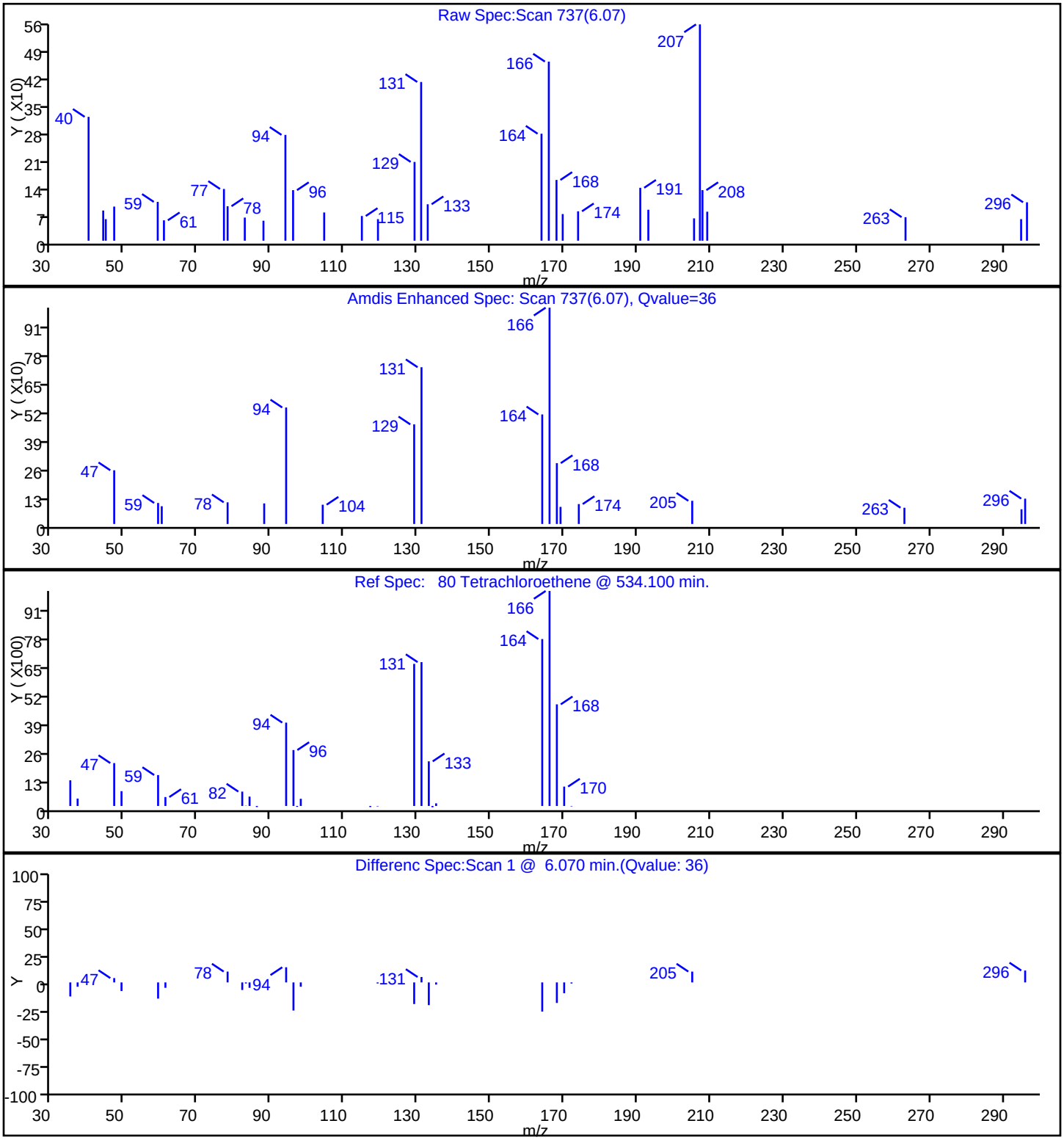
Report Date: 17-Sep-2013 11:04:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77918.D

Injection Date:	16-Sep-2013 20:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	11
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-WT | Lab Sample ID: 460-62993-2

Matrix: Solid | Lab File ID: B60710.D

Analysis Method: 8260B | Date Collected: 09/13/2013 08:25

Sample wt/vol: 5.656(g) | Date Analyzed: 09/20/2013 04:10

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.8 | Level: (low/med) Medium

Analysis Batch No.: 182277 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	9.5	U	98	9.5
74-83-9	Bromomethane	18	U	98	18
75-01-4	Vinyl chloride	14	U	98	14
75-00-3	Chloroethane	17	U	98	17
75-09-2	Methylene Chloride	18	U	98	18
67-64-1	Acetone	260	U	490	260
75-15-0	Carbon disulfide	12	U	98	12
75-69-4	Trichlorofluoromethane	14	U	98	14
75-35-4	1,1-Dichloroethene	8.7	U	98	8.7
75-34-3	1,1-Dichloroethane	13	U	98	13
156-60-5	trans-1,2-Dichloroethene	13	U	98	13
156-59-2	cis-1,2-Dichloroethene	17	U	98	17
67-66-3	Chloroform	290		98	7.7
78-93-3	2-Butanone	230	U	490	230
107-06-2	1,2-Dichloroethane	19	U	98	19
71-55-6	1,1,1-Trichloroethane	6.1	U	98	6.1
56-23-5	Carbon tetrachloride	5.6	U	98	5.6
71-43-2	Benzene	8.1	U	98	8.1
75-25-2	Bromoform	19	U	98	19
100-42-5	Styrene	12	U	98	12
100-41-4	Ethylbenzene	9.4	U	98	9.4
108-90-7	Chlorobenzene	63	J	98	11
110-82-7	Cyclohexane	16	U	98	16
98-82-8	Isopropylbenzene	7.5	U	98	7.5
591-78-6	2-Hexanone	49	U	490	49
1634-04-4	MTBE	14	U	98	14
76-13-1	Freon TF	8.0	U	98	8.0
79-20-9	Methyl acetate	33	U	490	33
123-91-1	1,4-Dioxane	3500	U	4900	3500
79-01-6	Trichloroethene	130		98	9.0
108-88-3	Toluene	21	J	98	15
10061-02-6	trans-1,3-Dichloropropene	24	U	98	24
108-10-1	4-Methyl-2-pentanone	97	U	490	97
10061-01-5	cis-1,3-Dichloropropene	18	U	98	18
95-50-1	1,2-Dichlorobenzene	20	U	98	20
541-73-1	1,3-Dichlorobenzene	13	U	98	13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-WT | Lab Sample ID: 460-62993-2

Matrix: Solid | Lab File ID: B60710.D

Analysis Method: 8260B | Date Collected: 09/13/2013 08:25

Sample wt/vol: 5.656(g) | Date Analyzed: 09/20/2013 04:10

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.8 | Level: (low/med) Medium

Analysis Batch No.: 182277 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	23	U	98	23
120-82-1	1,2,4-Trichlorobenzene	34	U	98	34
87-61-6	1,2,3-Trichlorobenzene	50	U	98	50
78-87-5	1,2-Dichloropropane	8.4	U	98	8.4
108-87-2	Methylcyclohexane	210		98	13
127-18-4	Tetrachloroethene	39	J	98	9.5
1330-20-7	Xylenes, Total	400		290	35
96-12-8	1,2-Dibromo-3-Chloropropane	39	U	98	39
79-34-5	1,1,2,2-Tetrachloroethane	15	U	98	15
79-00-5	1,1,2-Trichloroethane	18	U	98	18
124-48-1	Dibromochloromethane	20	U	98	20
106-93-4	1,2-Dibromoethane	27	U	98	27
75-71-8	Dichlorodifluoromethane	21	U	98	21
74-97-5	Bromochloromethane	27	U	98	27
75-27-4	Bromodichloromethane	12	U	98	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		75-135
2037-26-5	Toluene-d8 (Surr)	78		59-150
460-00-4	Bromofluorobenzene	86		72-133
1868-53-7	Dibromofluoromethane (Surr)	84		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-WT Lab Sample ID: 460-62993-2

Matrix: Solid Lab File ID: B60710.D

Analysis Method: 8260B Date Collected: 09/13/2013 08:25

Sample wt/vol: 5.656(g) Date Analyzed: 09/20/2013 04:10

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.8 Level: (low/med) Medium

Analysis Batch No.: 182277 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 147000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	11.04	19000	J N
1074-55-1	Benzene, 1-methyl-4-propyl-	11.18	11000	J N
2039-90-9	Benzene, 2-ethenyl-1,3-dimethyl-	11.46	12000	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.55	12000	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.71	17000	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.77	12000	J N
76089-59-3	1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	12.03	22000	J N
4912-92-9	1H-Indene, 2,3-dihydro-1,1-dimethyl-	12.33	15000	J N
97664-18-1	Benzene, 1-methyl-4-(1-methyl-2-propenyl	12.41	16000	J N
629-50-5	Tridecane	12.71	11000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60710.D		
Lims ID:	460-62993-C-2-A	Client ID:	PMP-6SE-WT
Inject. Date:	20-Sep-2013 04:10:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62993-C-2-A		
Misc. Info.:	460-0004826-015		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	14
Lims Batch ID:	182277	Lims Sample ID:	15
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\8260W_2.m		
Last Update:	20-Sep-2013 18:10:19	Calib Date:	18-Sep-2013 04:57:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4744.b\B60605.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK024		
First Level Reviewer: desais		Date:	20-Sep-2013 10:41:09

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	2.805	2.797	0.008	64	325679	1000.0	
47 Chloroform	83	4.311	4.311	0.0	88	21229	2.99	
$ 57 Dibromofluoromethane (Surr)	113	4.484	4.492	-0.008	97	172585	42.1	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.887	0.0	96	281408	46.2	
* 58 Fluorobenzene	96	5.208	5.216	-0.008	97	657159	50.0	
60 Trichloroethene	95	5.636	5.636	0.0	85	5408	1.28	
62 Methylcyclohexane	83	5.760	5.776	-0.016	89	6300	2.19	
* 65 1,4-Dioxane-d8	96	6.072	6.081	-0.009	89	34846	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.208	7.208	0.0	97	547405	39.1	
77 Toluene	91	7.282	7.282	0.0	55	3363	0.2164	
81 Tetrachloroethene	166	7.867	7.866	0.001	65	1645	0.3997	
* 87 Chlorobenzene-d5	117	8.772	8.772	0.0	88	560254	50.0	
88 Chlorobenzene	112	8.796	8.796	0.0	7	7033	0.6435	
92 o-Xylene	106	9.364	9.364	0.0	87	25977	4.07	
$ 97 4-Bromofluorobenzene	174	9.858	9.858	0.0	91	237700	43.1	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	96	330984	50.0	
S 134 Xylenes, Total	100				0		4.07	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60710.D		
Lims ID:	460-62993-C-2-A	Client ID:	PMP-6SE-WT
Inject. Date:	20-Sep-2013 04:10:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62993-C-2-A		
Misc. Info.:	460-0004826-015		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	14
Lims Batch ID:	182277	Lims Sample ID:	15
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\8260W_2.m		
Last Update:	20-Sep-2013 18:10:19	Calib Date:	18-Sep-2013 04:57:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	80		
Process Host:	XAWRK024		
First Level Reviewer: desais		Date:	20-Sep-2013 10:41:09

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
1758-88-9 Benzene, 2-ethyl-1,4-dimethyl-						
11.043	13993845	194.4	115	97	14378	
1074-55-1 Benzene, 1-methyl-4-propyl-						
11.183	8036686	111.6	115	91	14346	
2039-90-9 Benzene, 2-ethenyl-1,3-dimethyl-						
11.455	8842003	122.8	115	87	13604	
2958-76-1 Naphthalene, decahydro-2-methyl-						
11.545	8618778	119.7	115	99	24328	
2958-76-1 Naphthalene, decahydro-2-methyl-						
11.710	12384837	172.0	115	95	24327	
1595-16-0 Benzene, 1-methyl-4-(1-methylpropyl)-						
11.767	8754123	121.6	115	80	21844	
76089-59-3 1,3-Cyclopentadiene, 1,2,3,4-tetramethyl						
12.031	16216357	225.3	115	87	14434	
4912-92-9 1H-Indene, 2,3-dihydro-1,1-dimethyl-						
12.327	11011842	153.0	115	91	20747	
97664-18-1 Benzene, 1-methyl-4-(1-methyl-2-propenyl						
12.409	11974448	166.3	115	81	20775	
629-50-5 Tridecane						
12.706	8327329	115.7	115	95	45543	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 115 1,4-Dichlorobenzene-d4	10.813	3599289	50.0

QC Flag Legend

Processing Flags

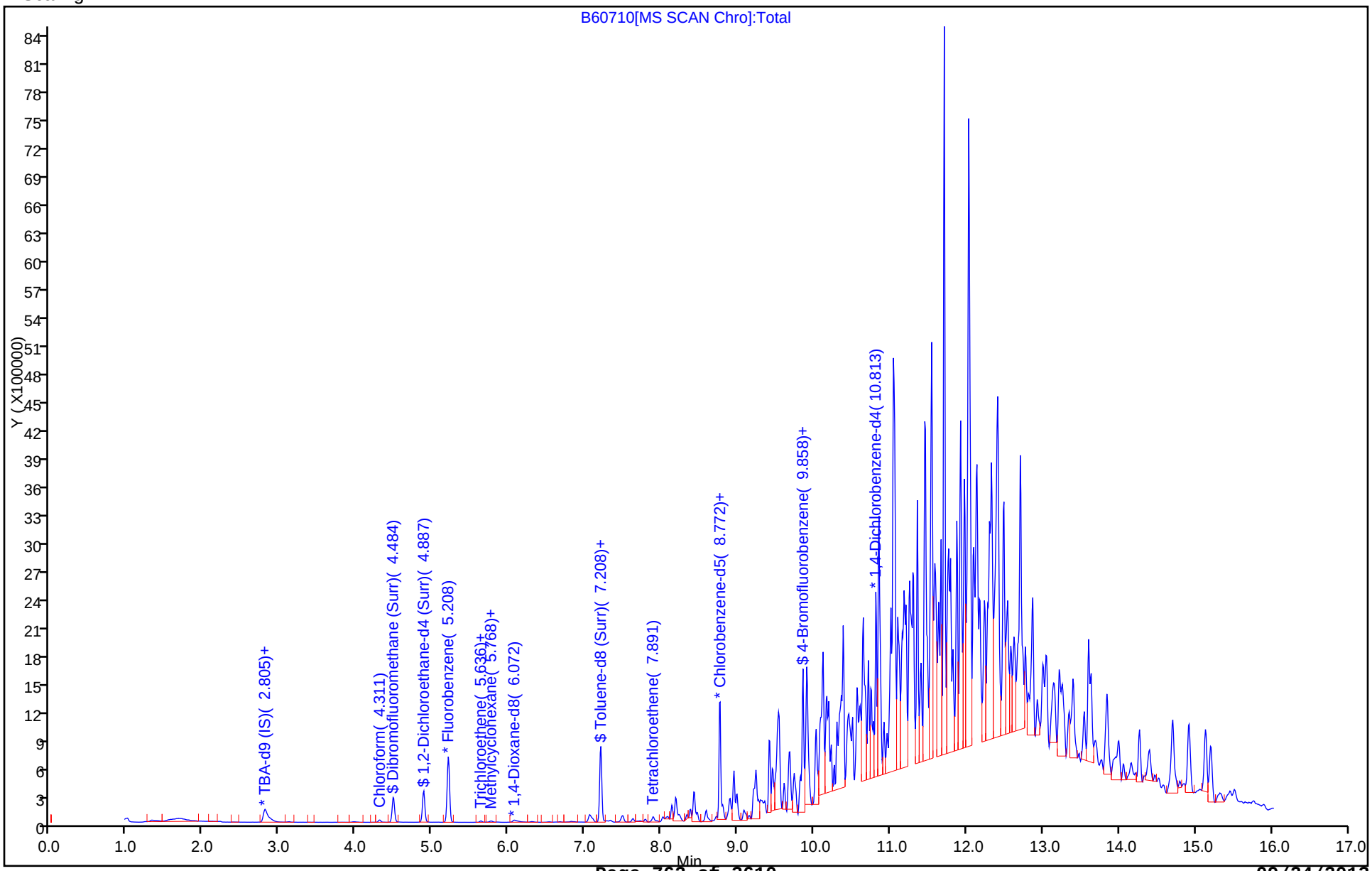
Report Date: 20-Sep-2013 18:10:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60710.D

Injection Date:	20-Sep-2013 04:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



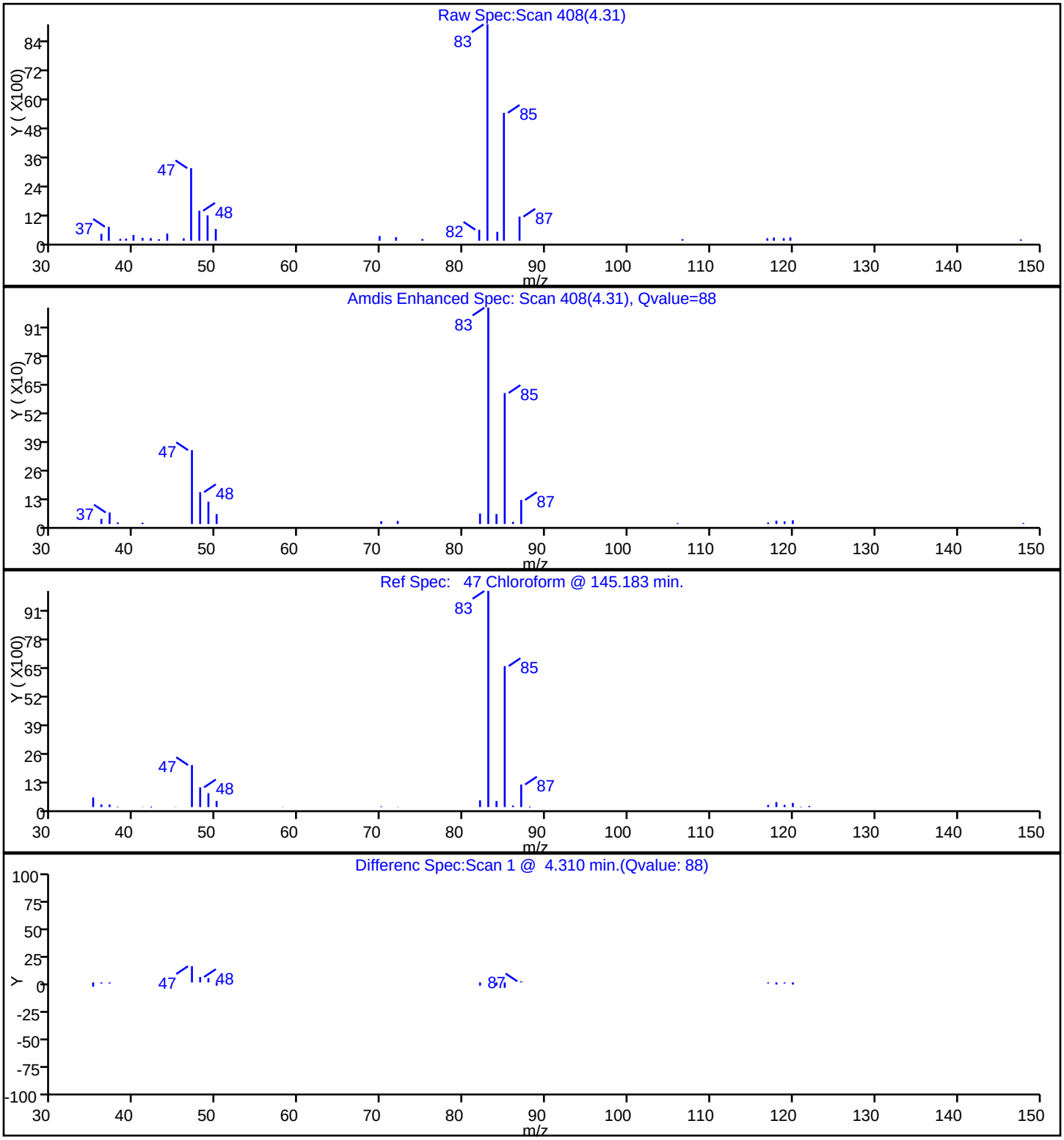
Report Date: 20-Sep-2013 18:10:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60710.D

Injection Date:	20-Sep-2013 04:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



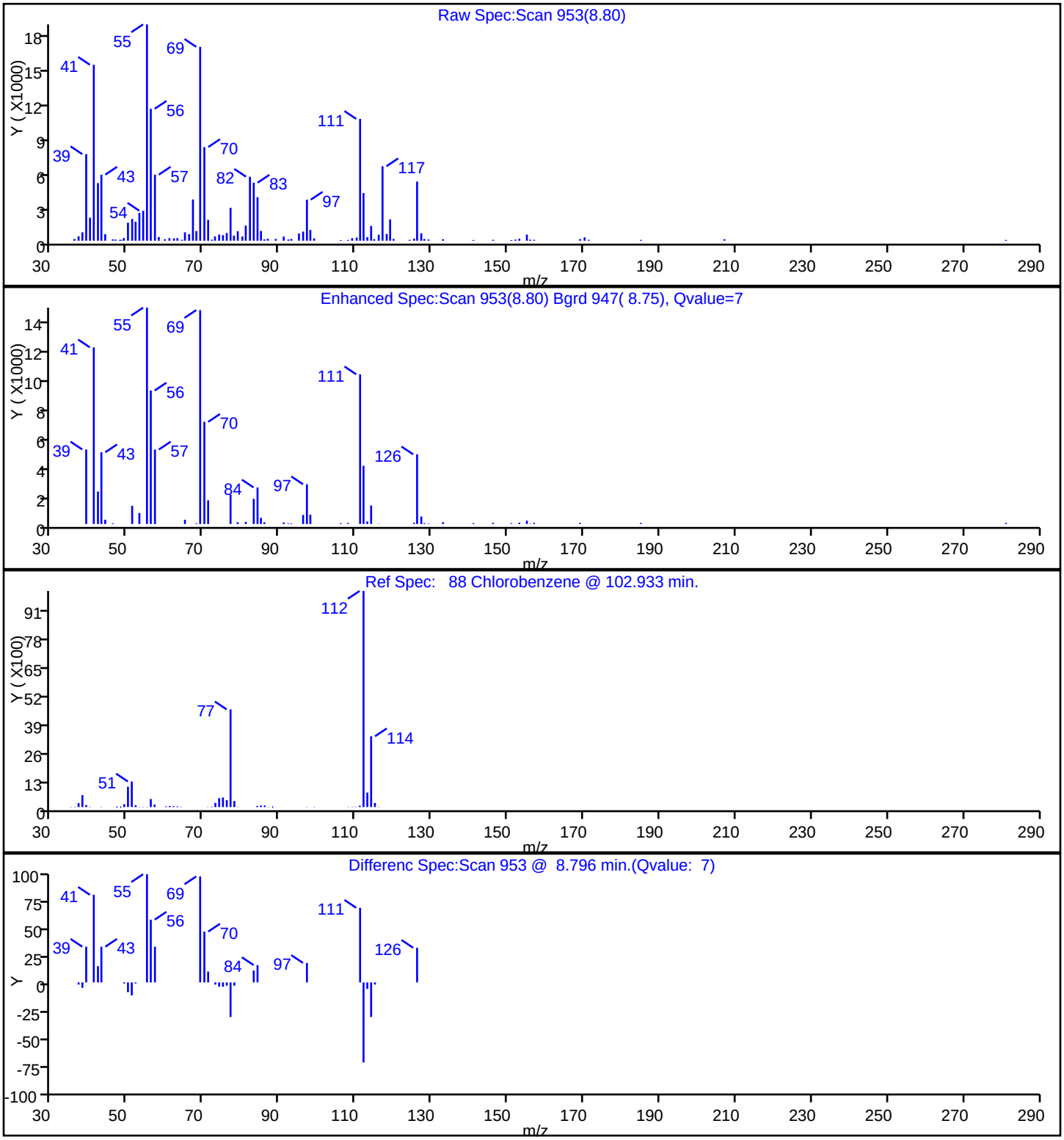
Report Date: 20-Sep-2013 18:10:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60710.D

Injection Date:	20-Sep-2013 04:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

88 Chlorobenzene



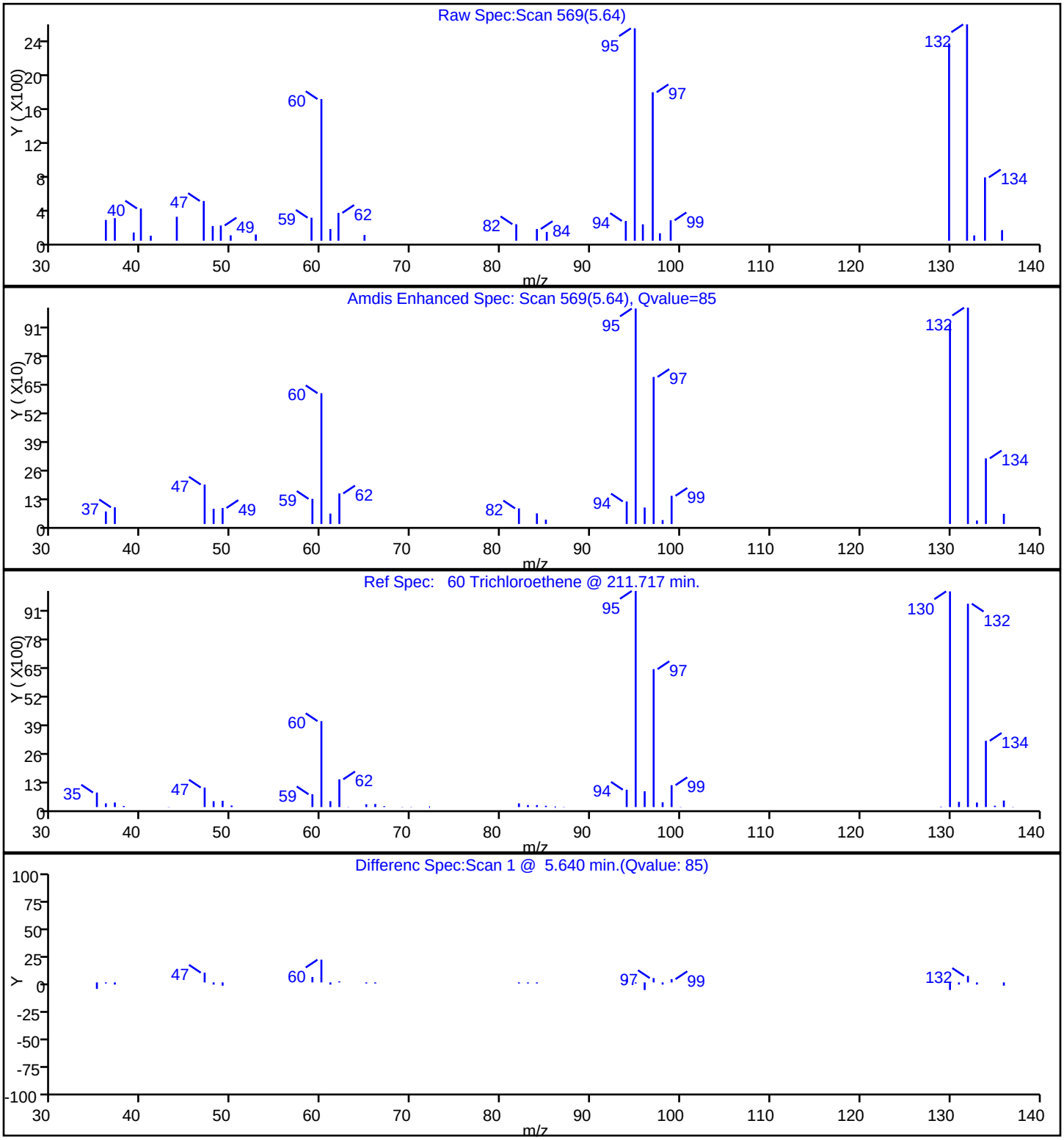
Report Date: 20-Sep-2013 18:10:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60710.D

Injection Date:	20-Sep-2013 04:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

60 Trichloroethene



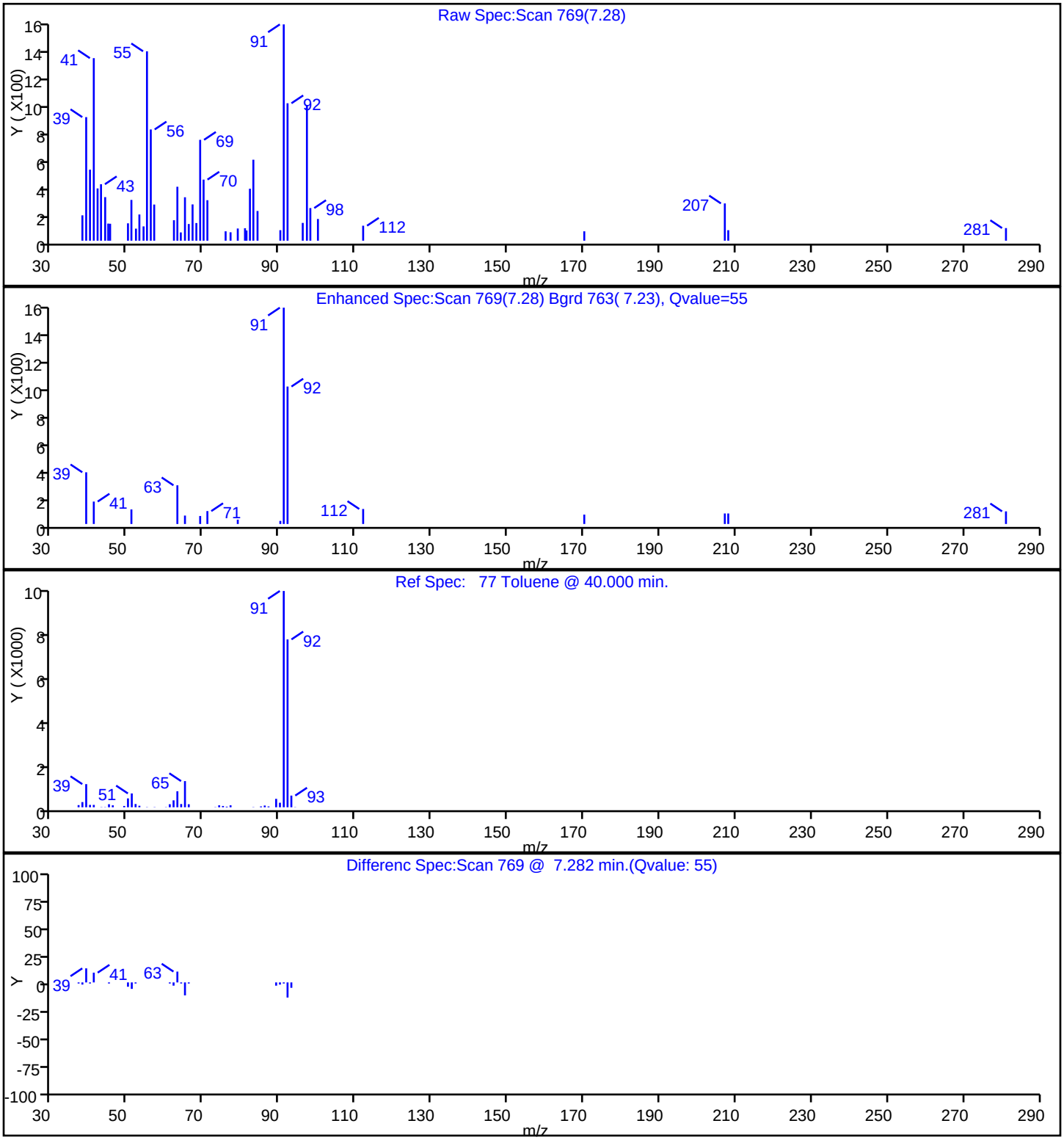
Report Date: 20-Sep-2013 18:10:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60710.D

Injection Date:	20-Sep-2013 04:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

77 Toluene



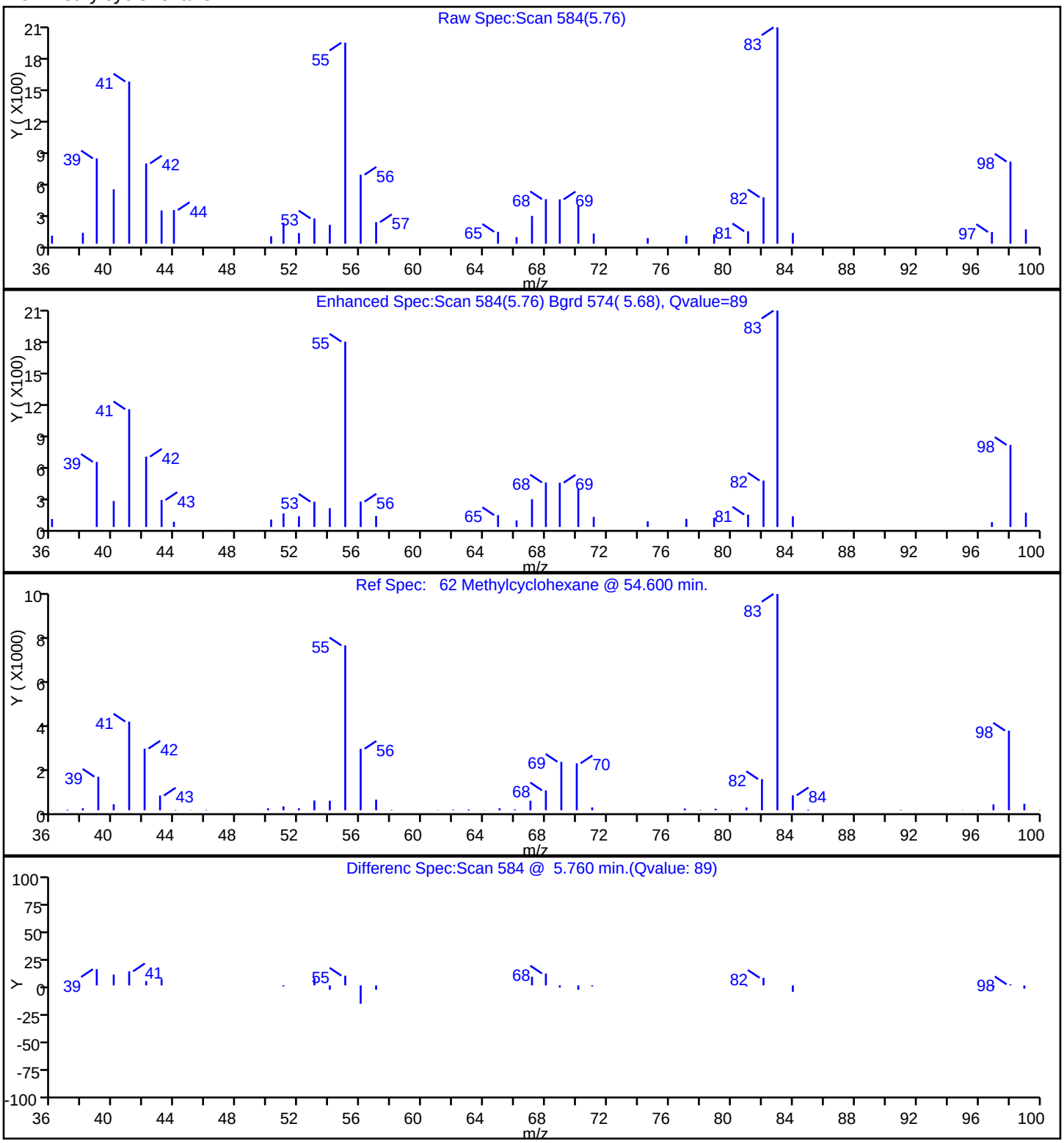
Report Date: 20-Sep-2013 18:10:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60710.D

Injection Date:	20-Sep-2013 04:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

62 Methylcyclohexane



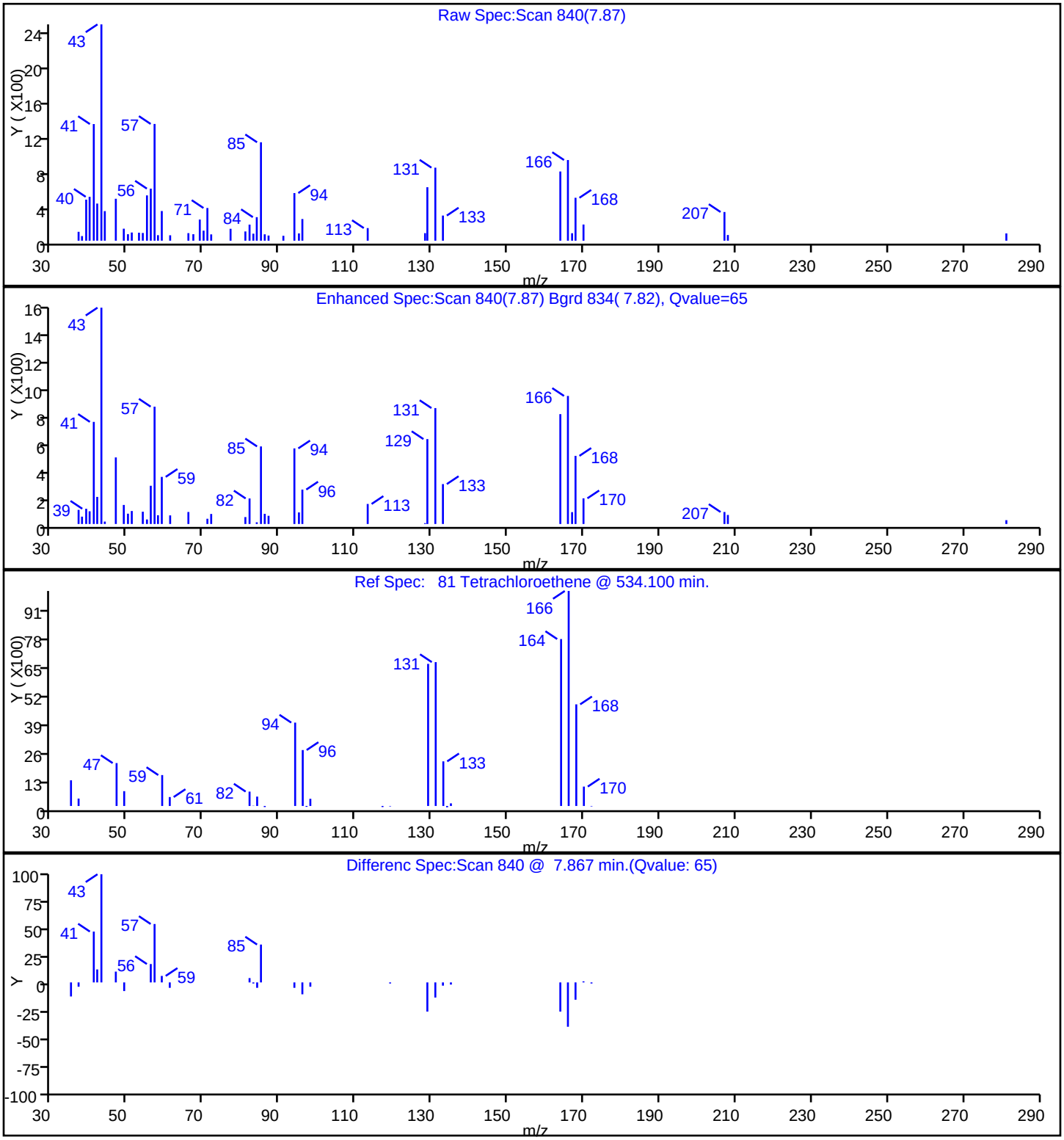
Report Date: 20-Sep-2013 18:10:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60710.D

Injection Date:	20-Sep-2013 04:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

81 Tetrachloroethene



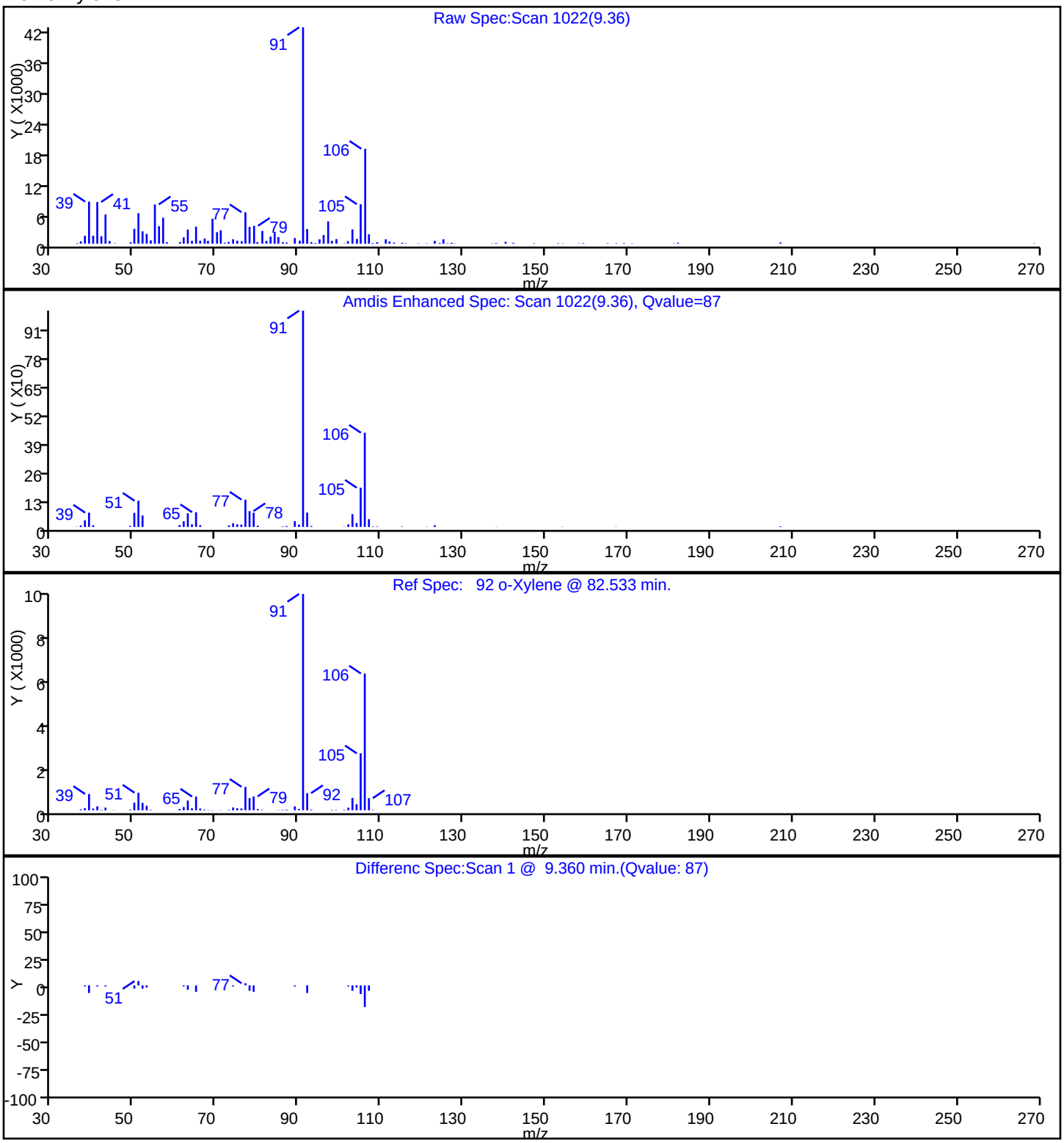
Report Date: 20-Sep-2013 18:10:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60710.D

Injection Date:	20-Sep-2013 04:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

92 o-Xylene



Report Date: 20-Sep-2013 18:10:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60710.D

Injection Date: 20-Sep-2013 04:10:30 Limit Group: VOA - 8260B Water and Solid

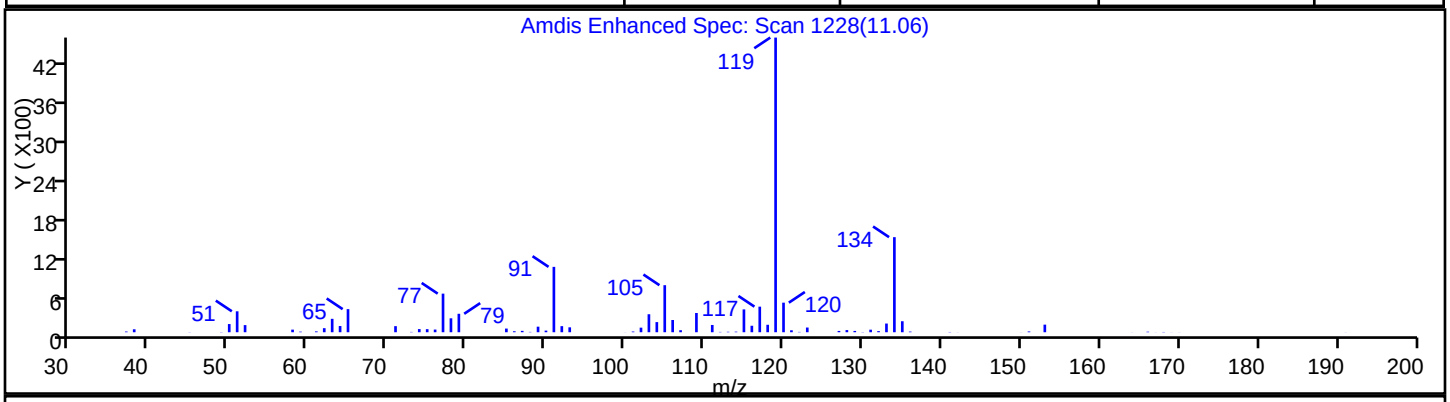
Client ID: PMP-6SE-WT Instrument ID: CVOAMS2

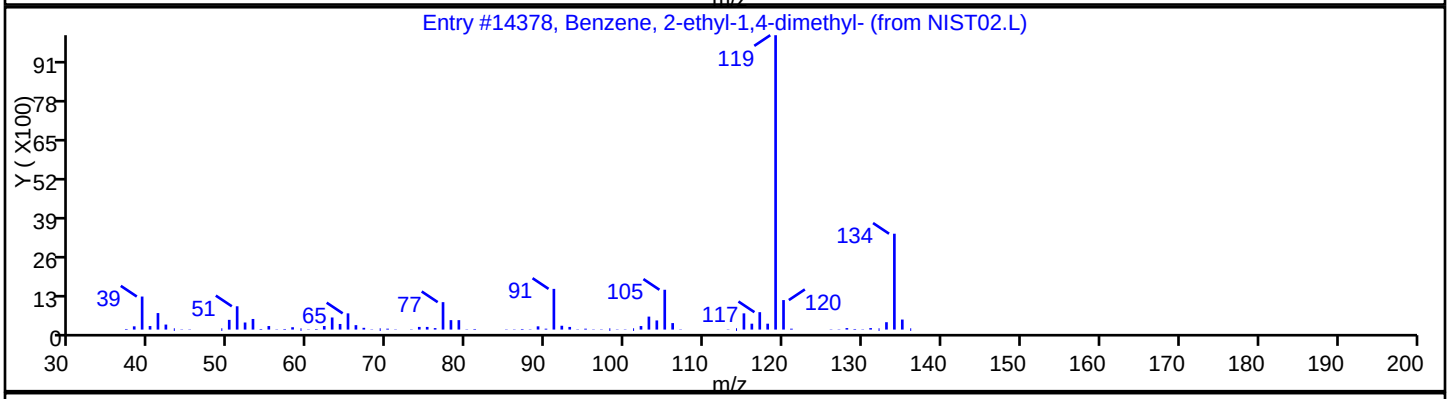
Lims Batch ID: 182277 Lims Sample ID: 15

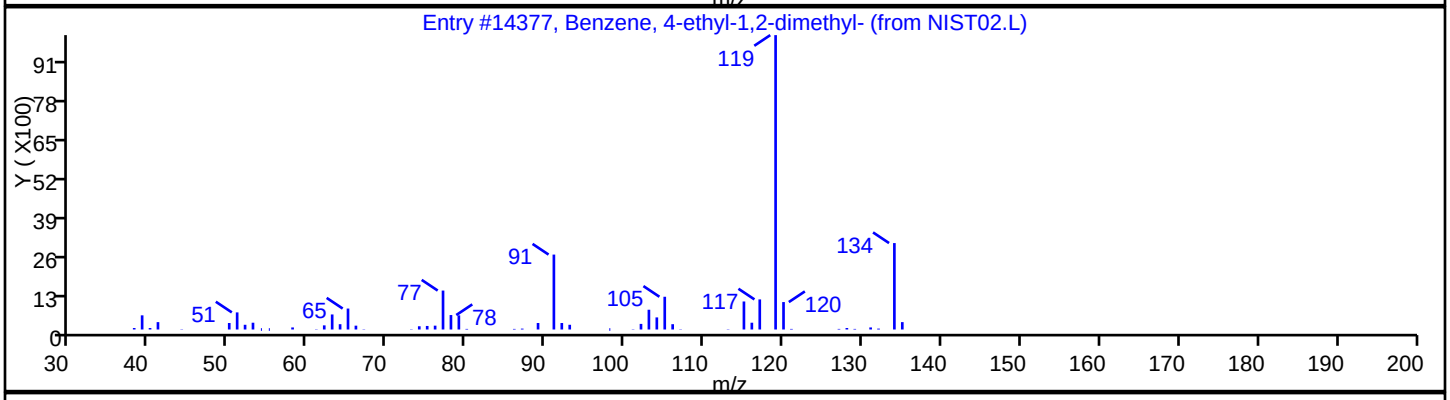
Operator ID: Purge Vol: 5.000 mL

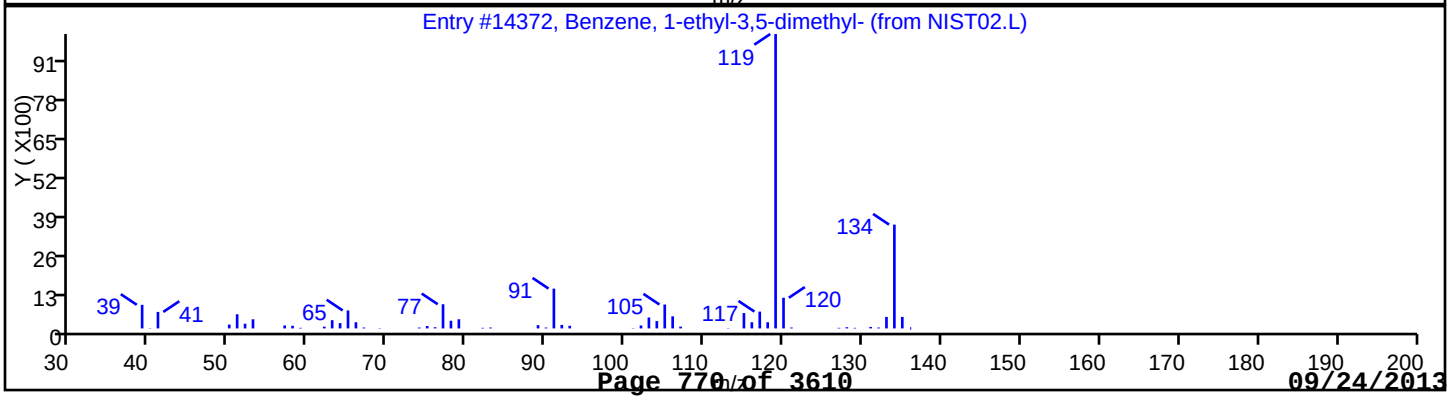
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.L	14378	97
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14377	97
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.L	14372	96









Report Date: 20-Sep-2013 18:10:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60710.D

Injection Date: 20-Sep-2013 04:10:30 Limit Group: VOA - 8260B Water and Solid

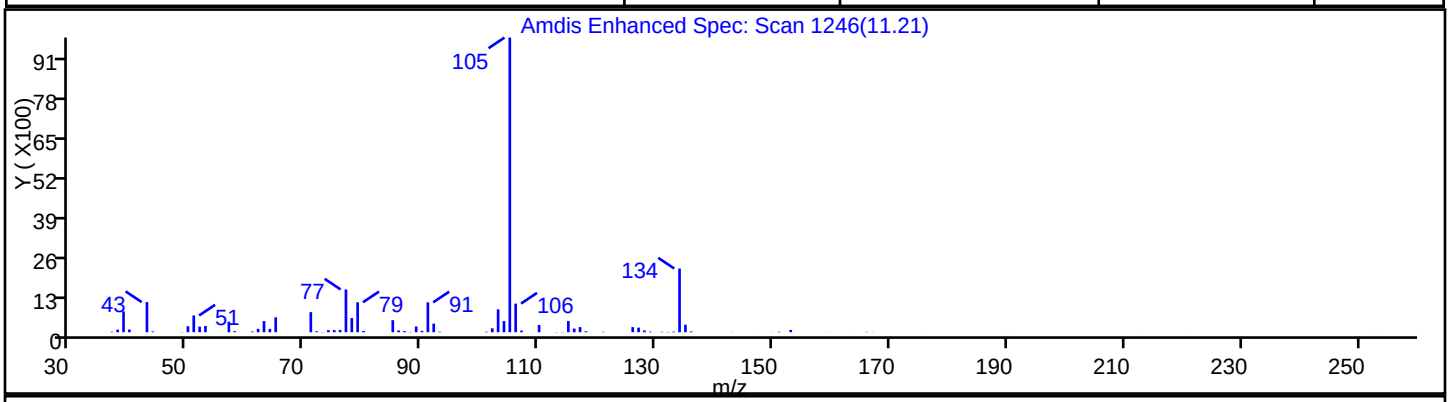
Client ID: PMP-6SE-WT Instrument ID: CVOAMS2

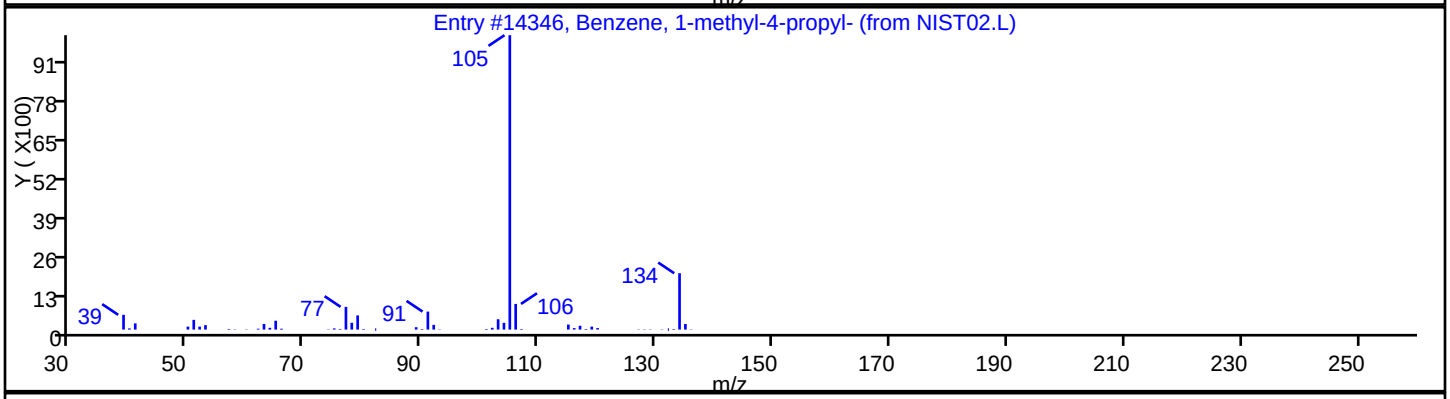
Lims Batch ID: 182277 Lims Sample ID: 15

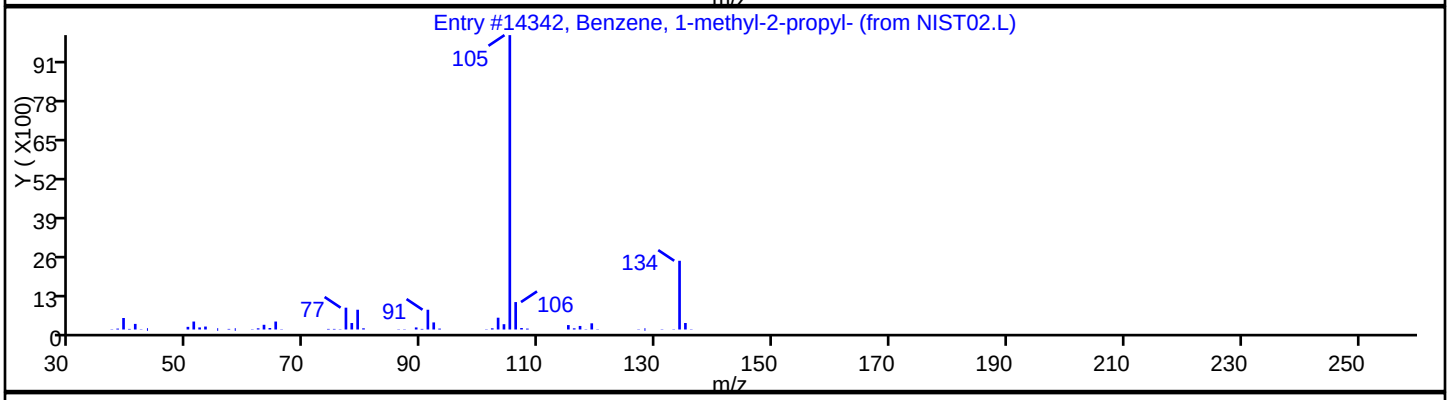
Operator ID: Purge Vol: 5.000 mL

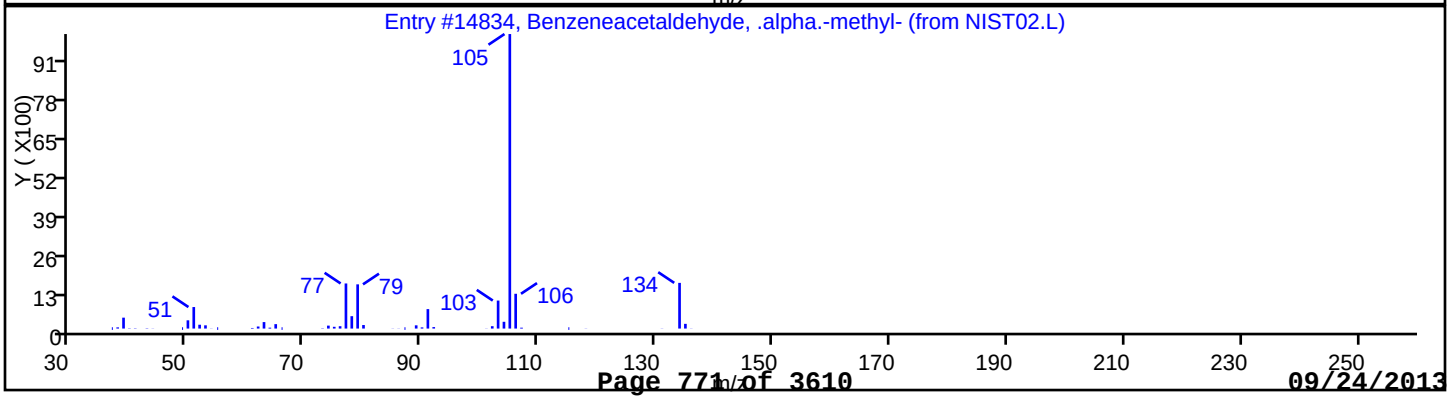
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-4-propyl-	1074-55-1	NIST02.L	14346	91
Benzene, 1-methyl-2-propyl-	1074-17-5	NIST02.L	14342	91
Benzeneacetaldehyde, .alpha.-methyl-	93-53-8	NIST02.L	14834	91









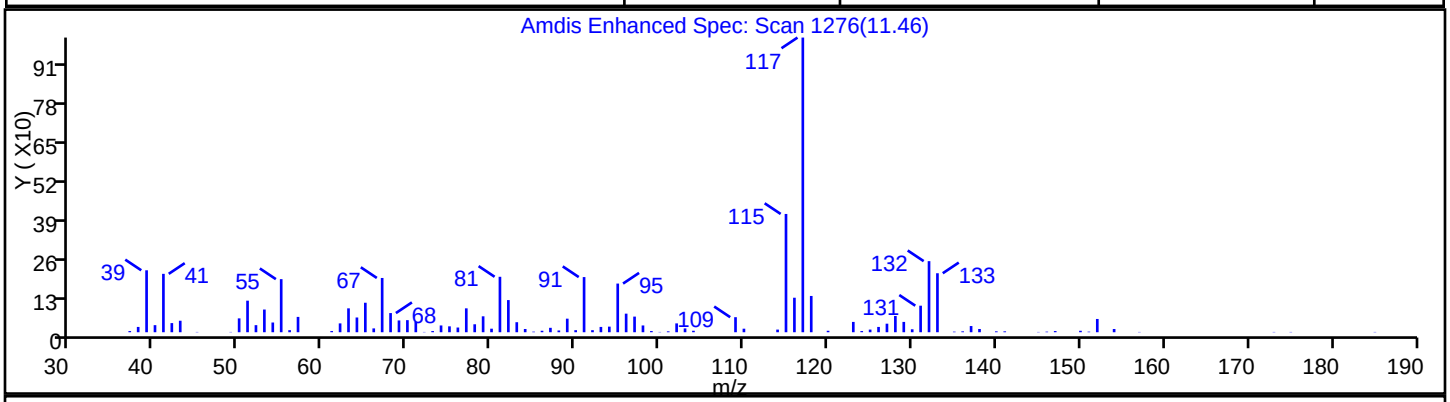
Report Date: 20-Sep-2013 18:10:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

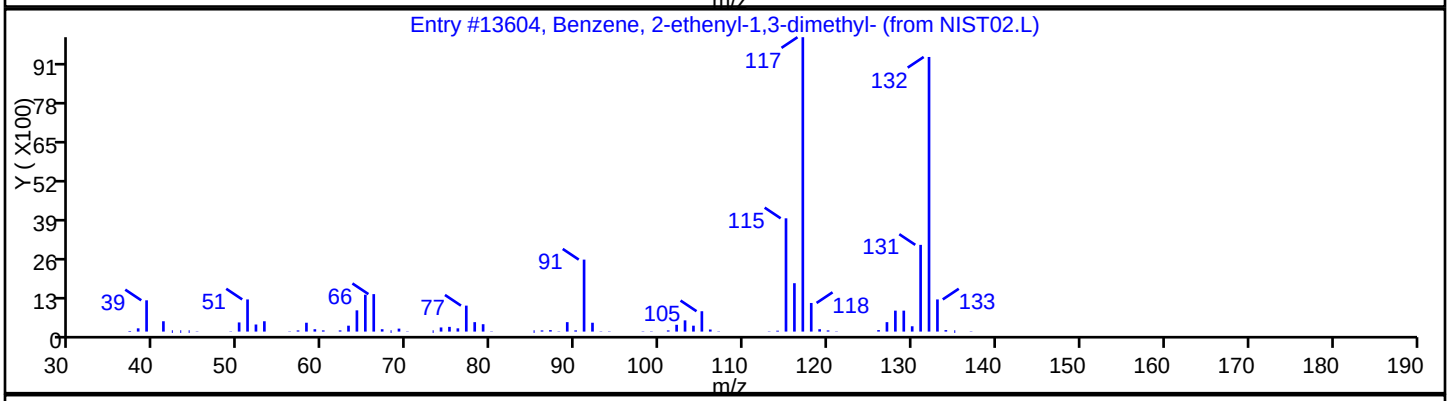
TestAmerica Edison

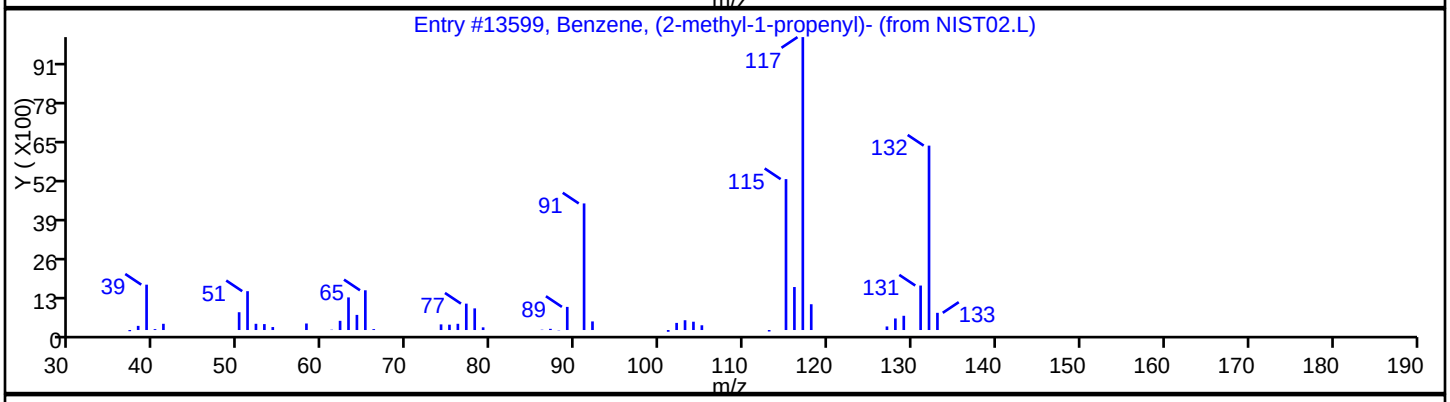
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60710.D

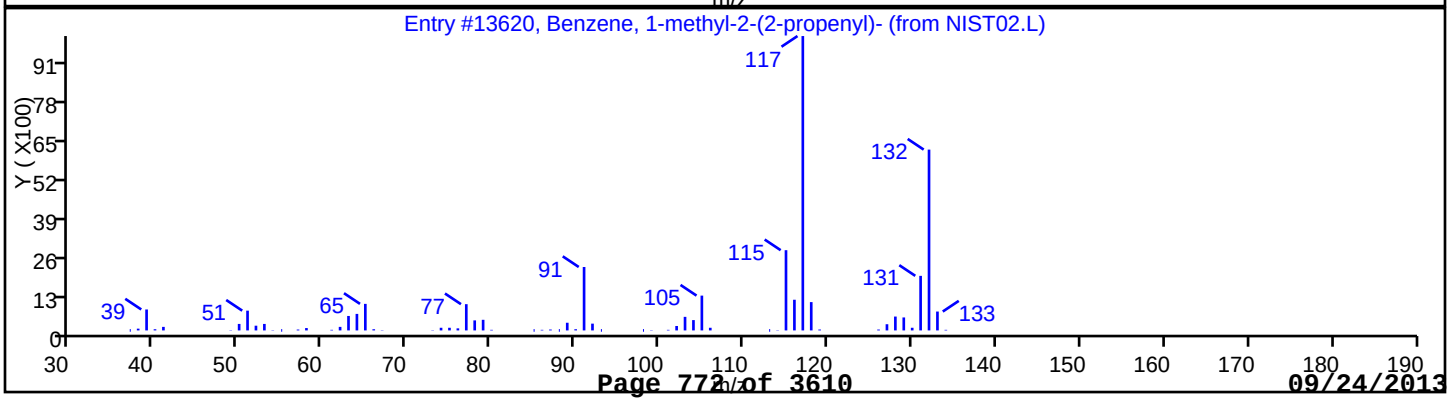
Injection Date:	20-Sep-2013 04:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 2-ethenyl-1,3-dimethyl-	2039-90-9	NIST02.L	13604	87
Benzene, (2-methyl-1-propenyl)-	768-49-0	NIST02.L	13599	83
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.L	13620	80









Report Date: 20-Sep-2013 18:10:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60710.D

Injection Date: 20-Sep-2013 04:10:30 Limit Group: VOA - 8260B Water and Solid

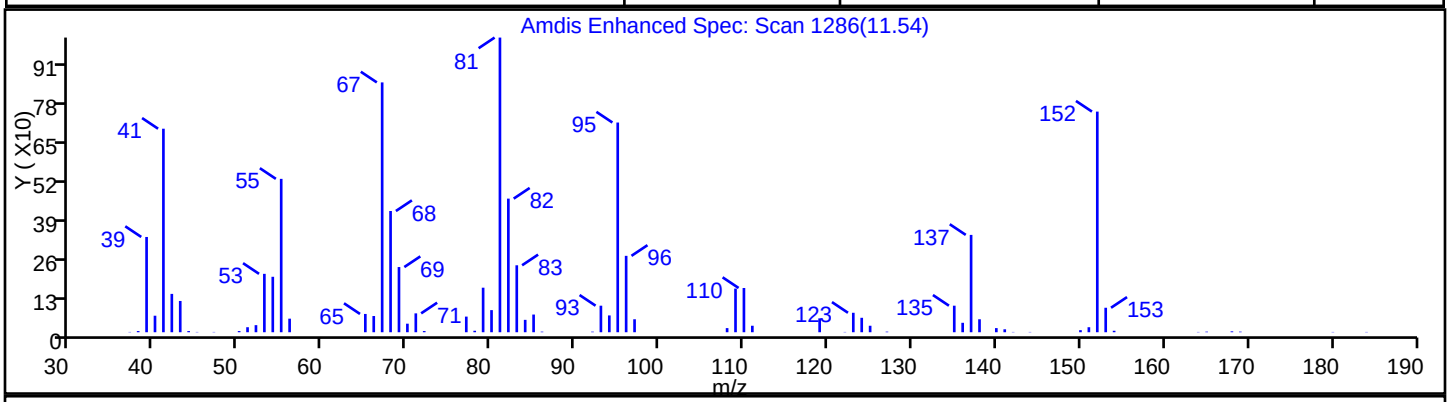
Client ID: PMP-6SE-WT Instrument ID: CVOAMS2

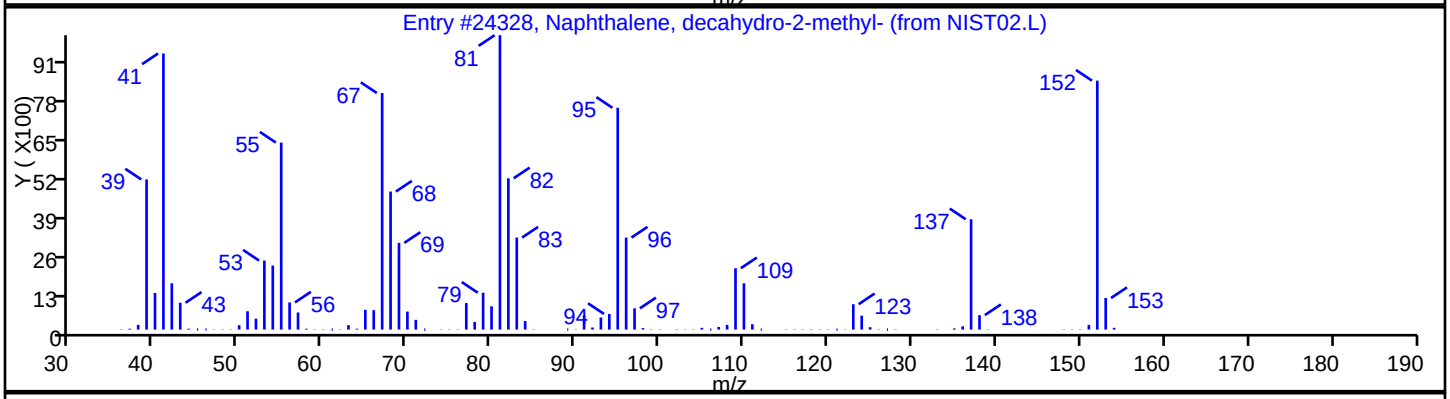
Lims Batch ID: 182277 Lims Sample ID: 15

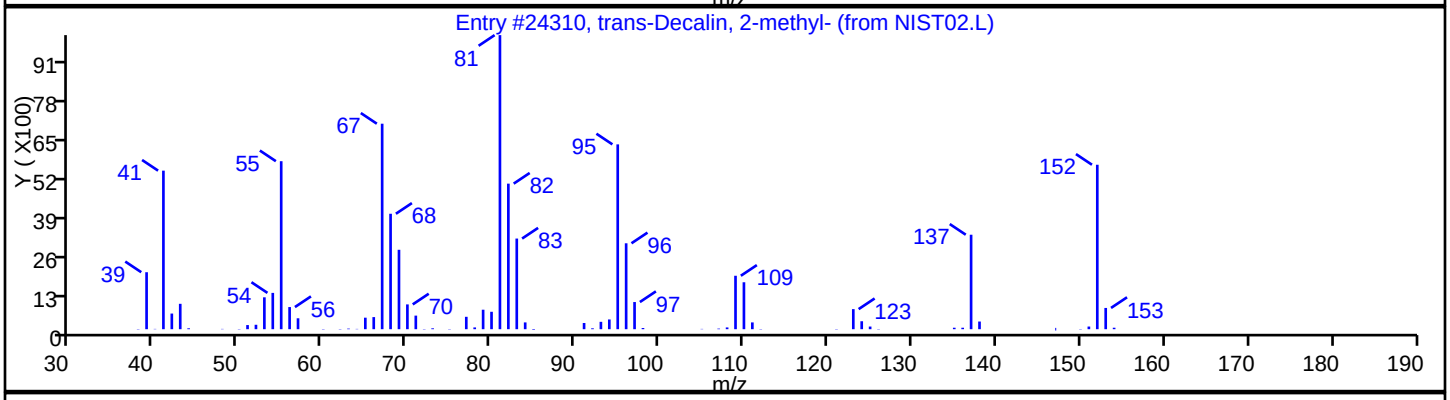
Operator ID: Purge Vol: 5.000 mL

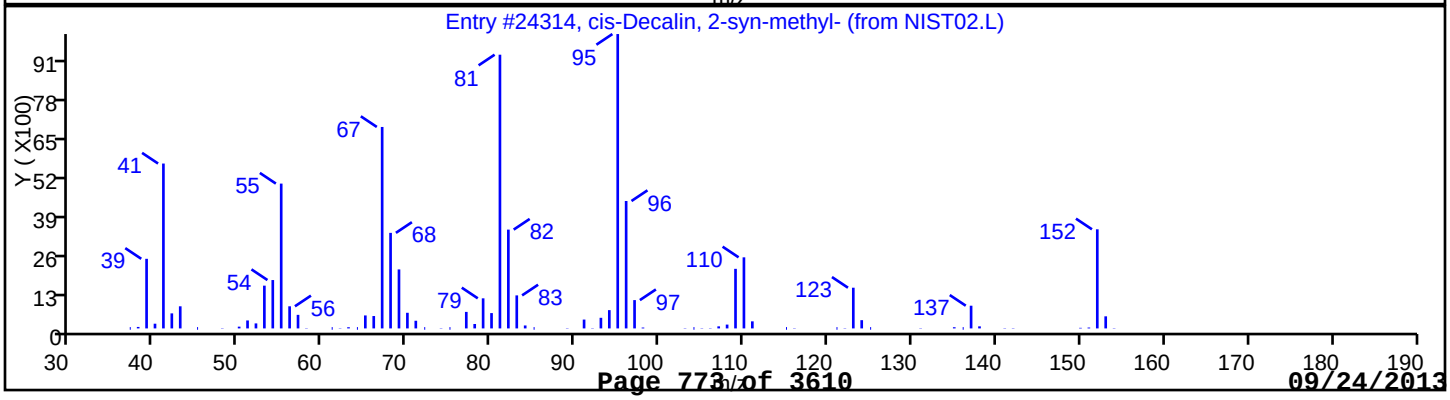
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	99
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	94
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.L	24314	90









Report Date: 20-Sep-2013 18:10:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60710.D

Injection Date: 20-Sep-2013 04:10:30 Limit Group: VOA - 8260B Water and Solid

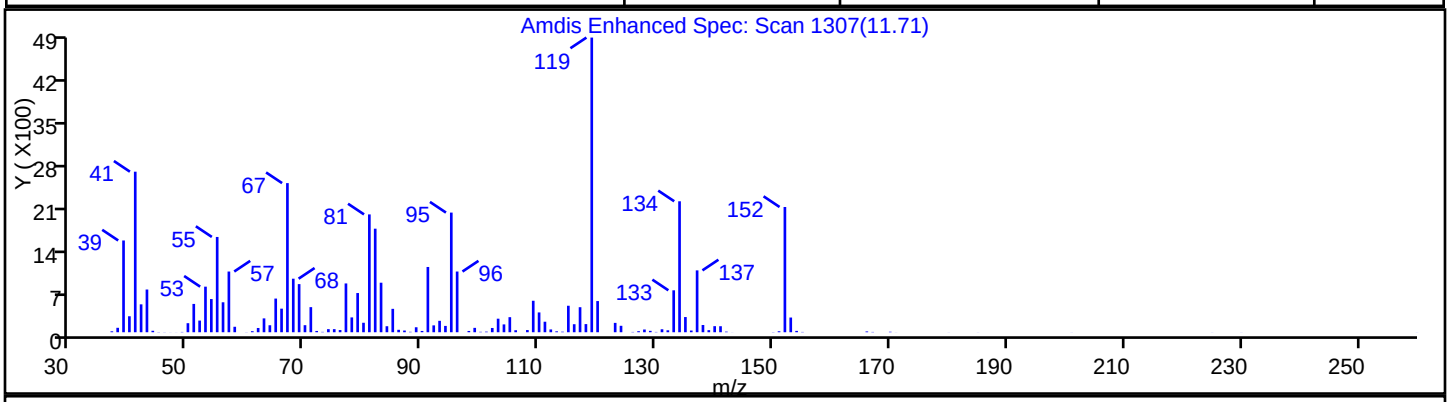
Client ID: PMP-6SE-WT Instrument ID: CVOAMS2

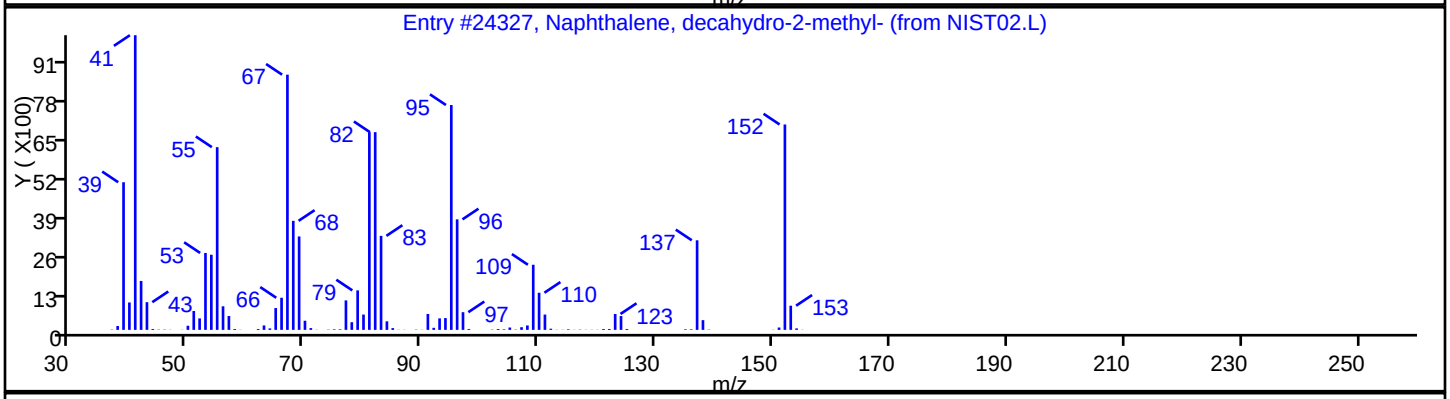
Lims Batch ID: 182277 Lims Sample ID: 15

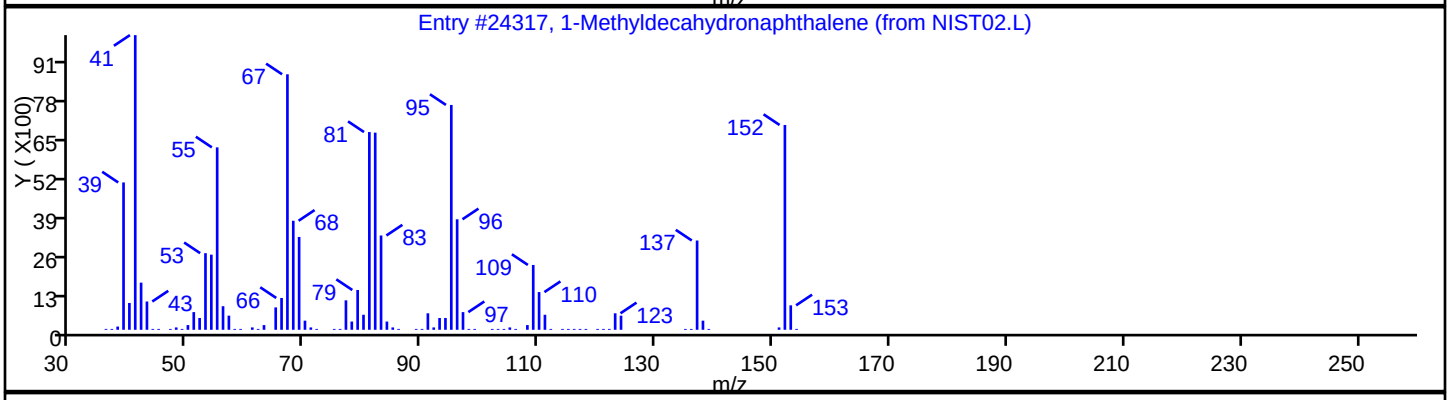
Operator ID: Purge Vol: 5.000 mL

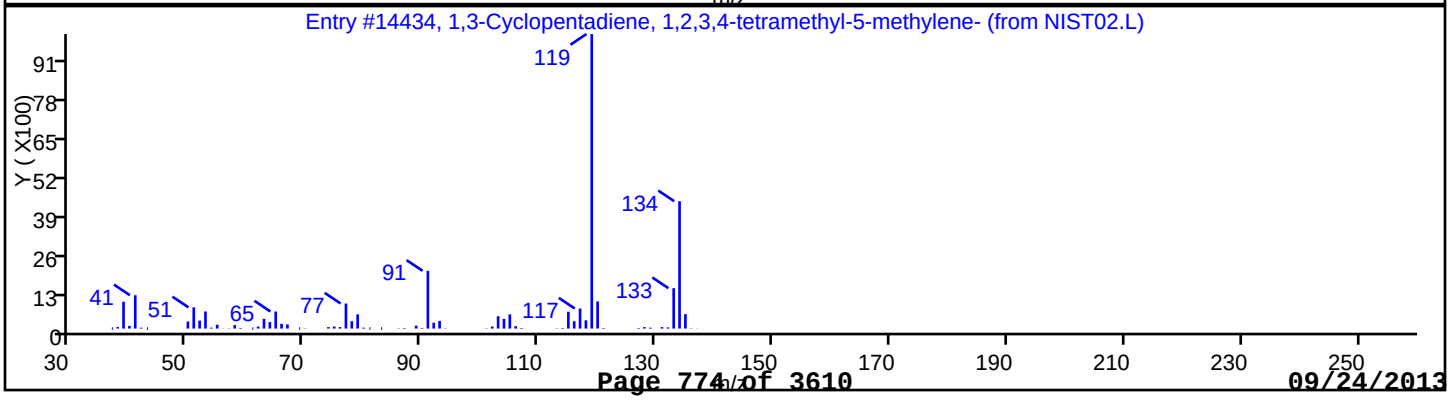
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24327	95
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	95
1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	76089-59-3	NIST02.L	14434	94









Report Date: 20-Sep-2013 18:10:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60710.D

Injection Date: 20-Sep-2013 04:10:30 Limit Group: VOA - 8260B Water and Solid

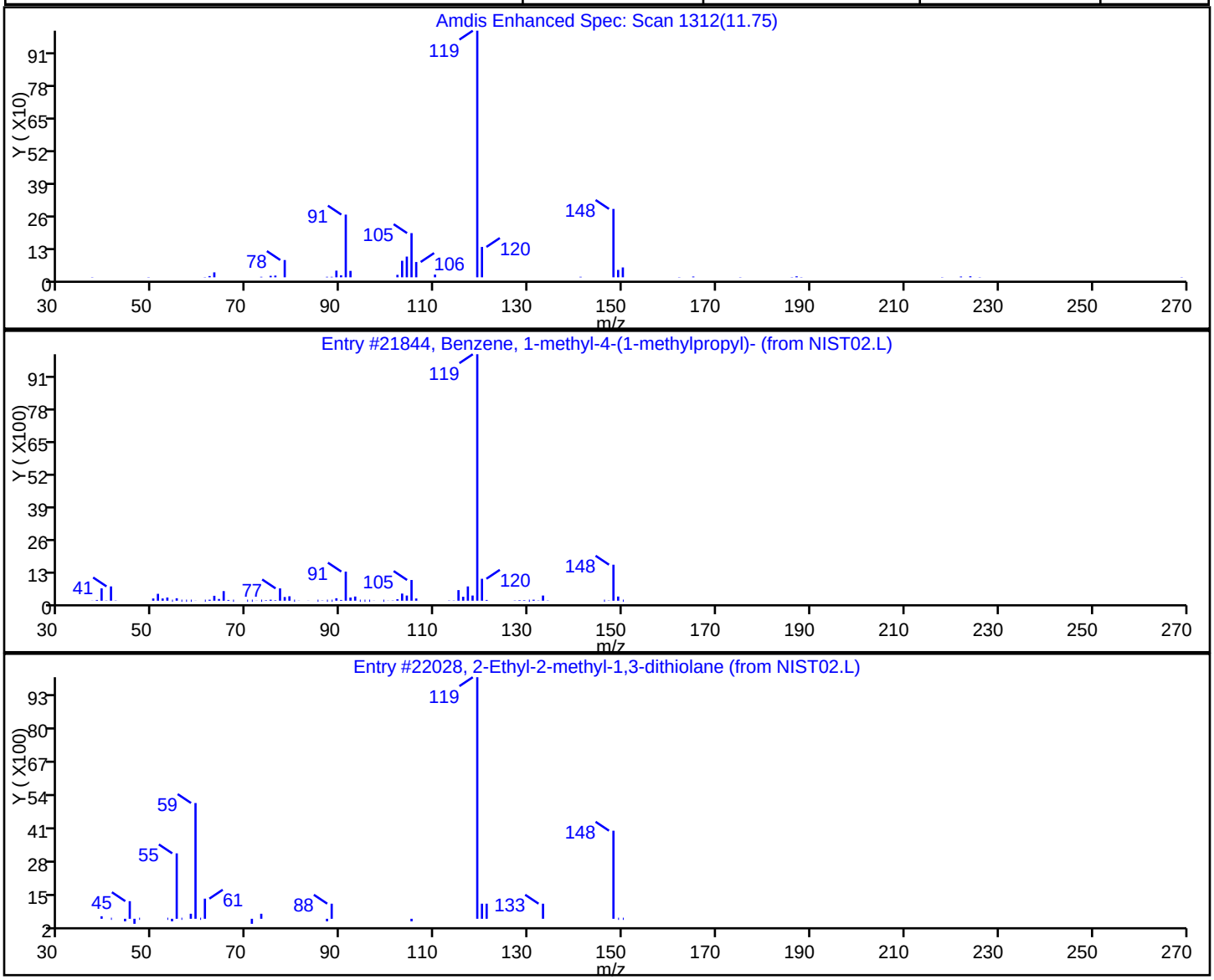
Client ID: PMP-6SE-WT Instrument ID: CVOAMS2

Lims Batch ID: 182277 Lims Sample ID: 15

Operator ID: Purge Vol: 5.000 mL

Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	80
2-Ethyl-2-methyl-1,3-dithiolane	6008-81-7	NIST02.L	22028	72



Report Date: 20-Sep-2013 18:10:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60710.D

Injection Date: 20-Sep-2013 04:10:30 Limit Group: VOA - 8260B Water and Solid

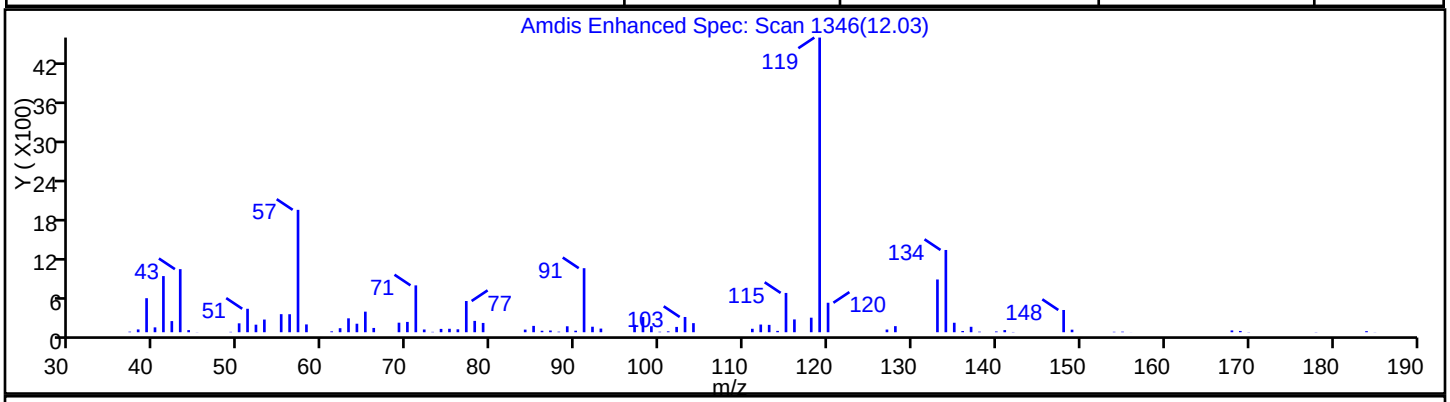
Client ID: PMP-6SE-WT Instrument ID: CVOAMS2

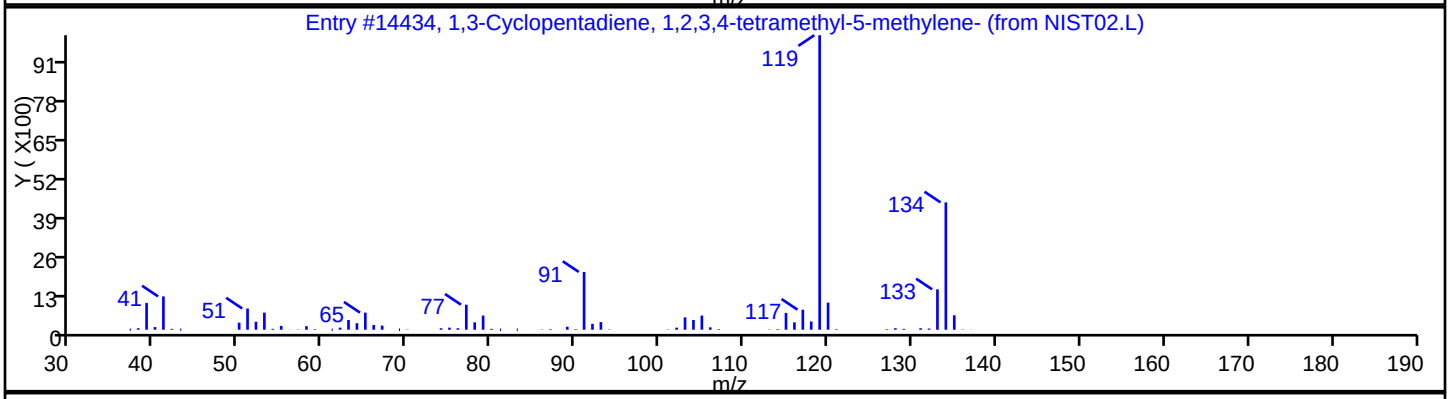
Lims Batch ID: 182277 Lims Sample ID: 15

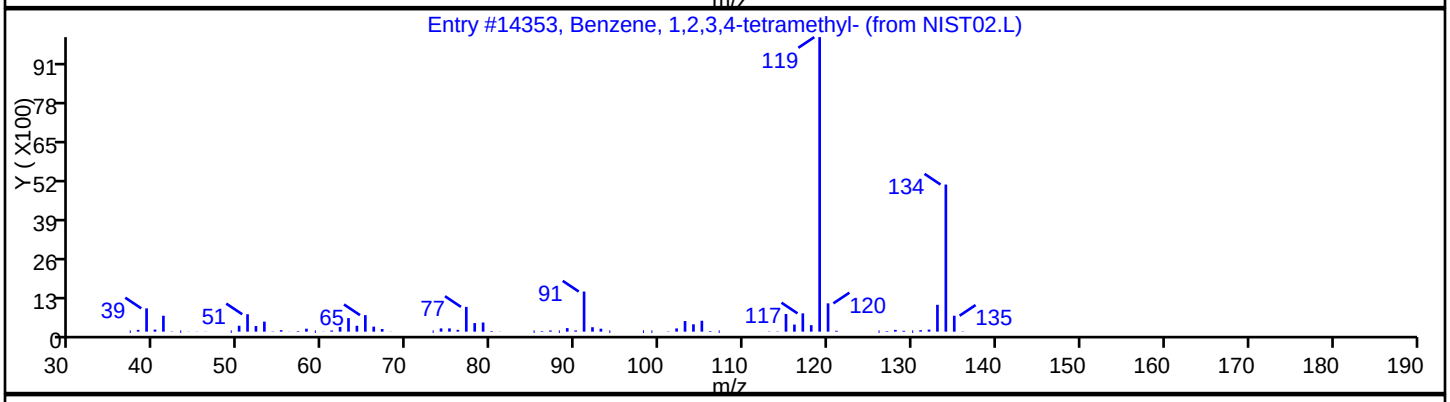
Operator ID: Purge Vol: 5.000 mL

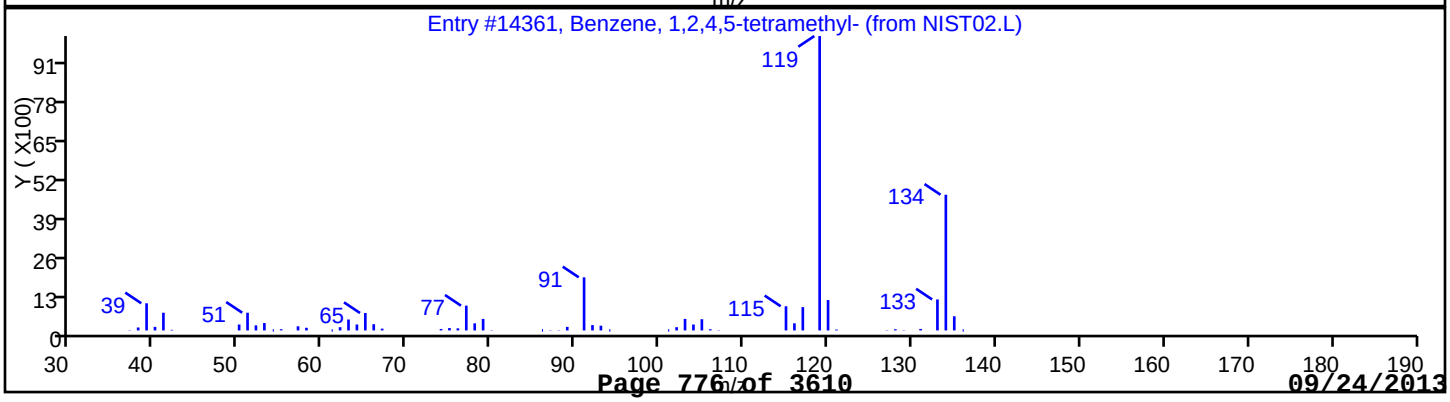
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	76089-59-3	NIST02.L	14434	87
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14353	87
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	87









Report Date: 20-Sep-2013 18:10:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60710.D

Injection Date: 20-Sep-2013 04:10:30 Limit Group: VOA - 8260B Water and Solid

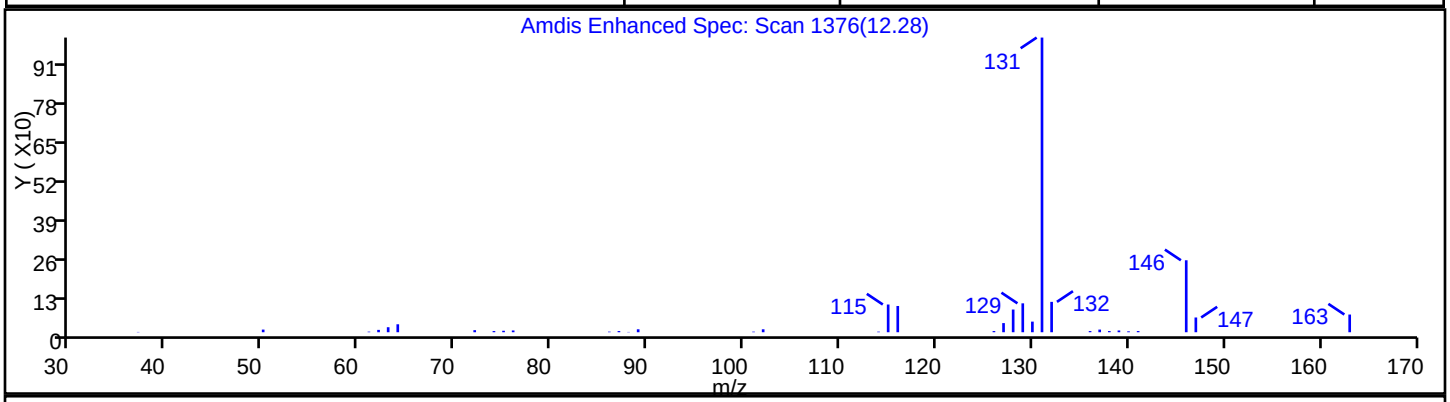
Client ID: PMP-6SE-WT Instrument ID: CVOAMS2

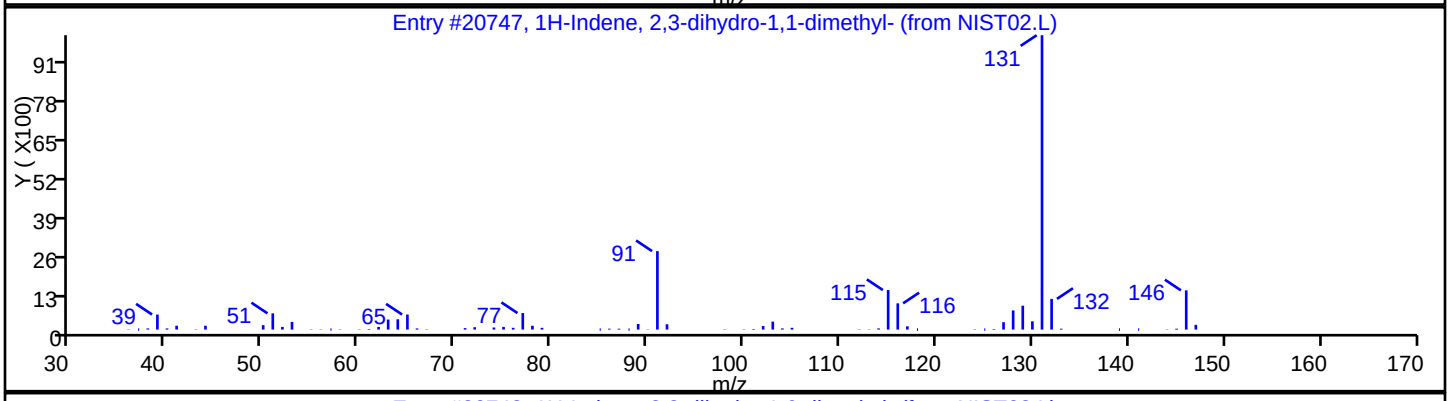
Lims Batch ID: 182277 Lims Sample ID: 15

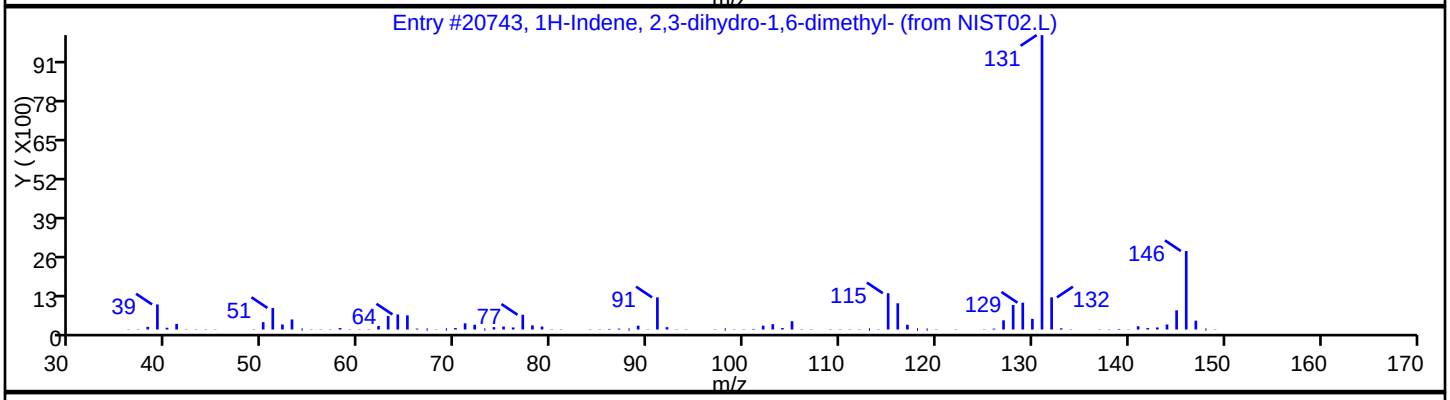
Operator ID: Purge Vol: 5.000 mL

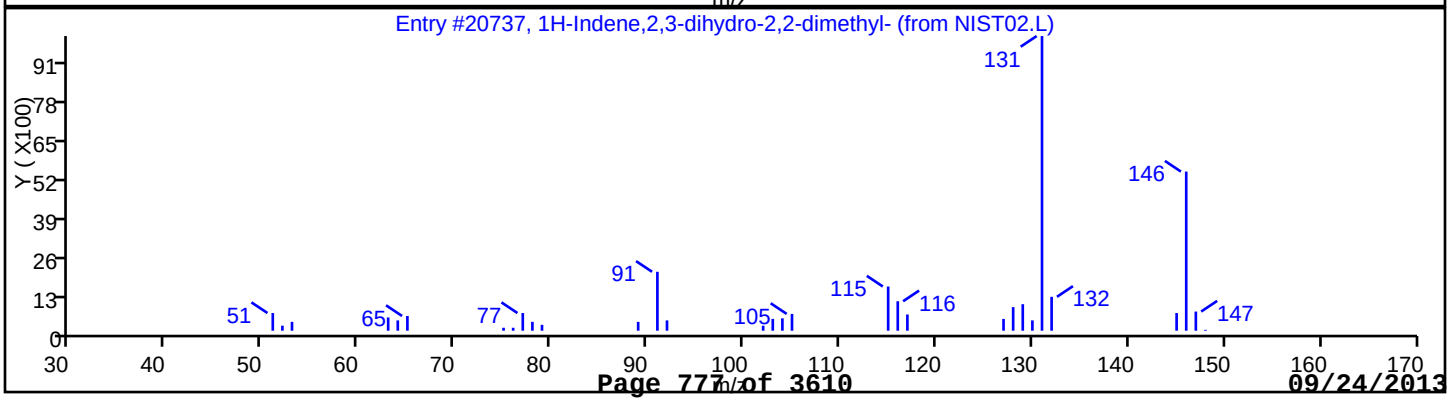
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene, 2,3-dihydro-1,1-dimethyl-	4912-92-9	NIST02.L	20747	91
1H-Indene, 2,3-dihydro-1,6-dimethyl-	17059-48-2	NIST02.L	20743	91
1H-Indene,2,3-dihydro-2,2-dimethyl-	20836-11-7	NIST02.L	20737	91









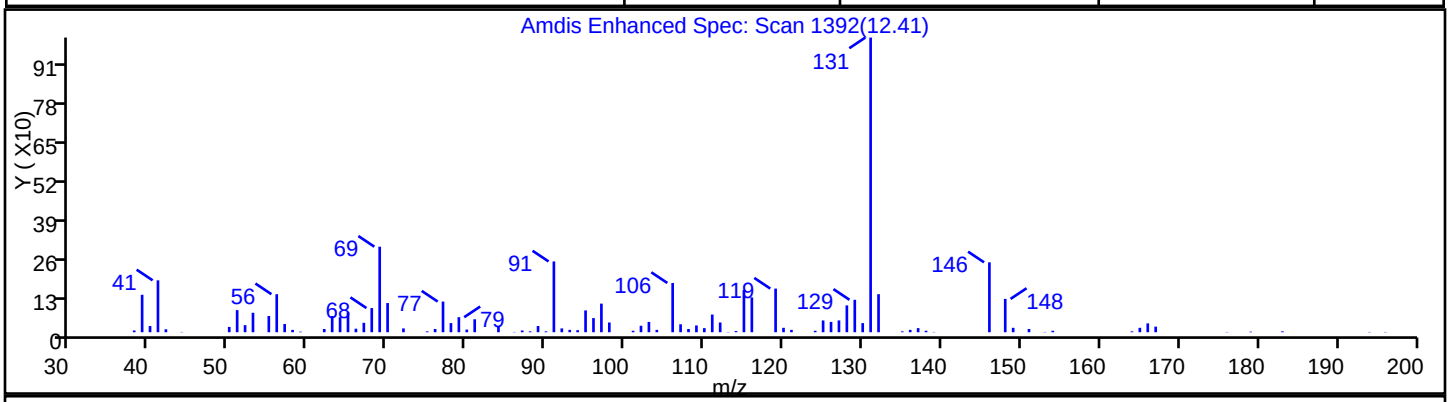
Report Date: 20-Sep-2013 18:10:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

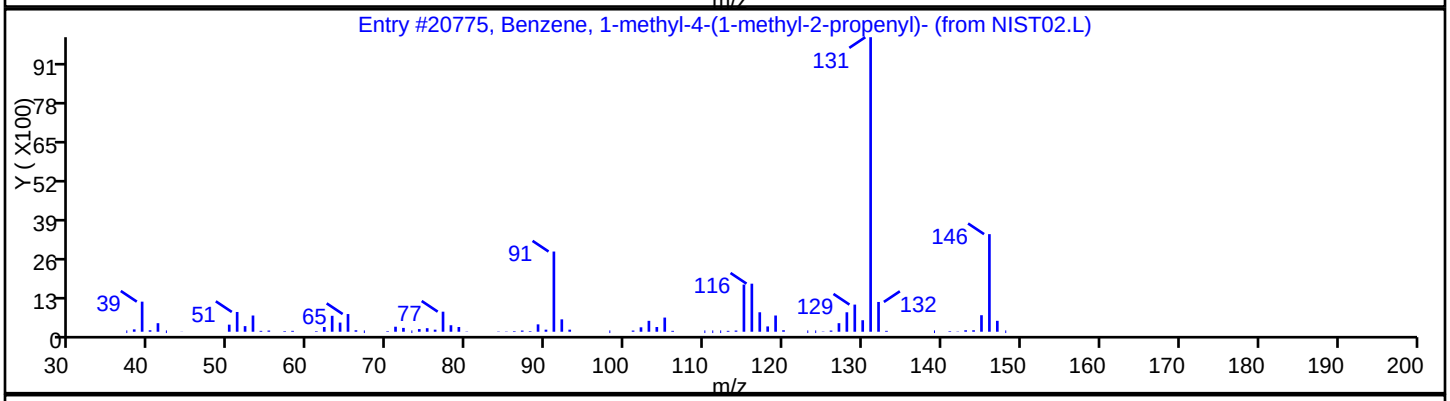
TestAmerica Edison

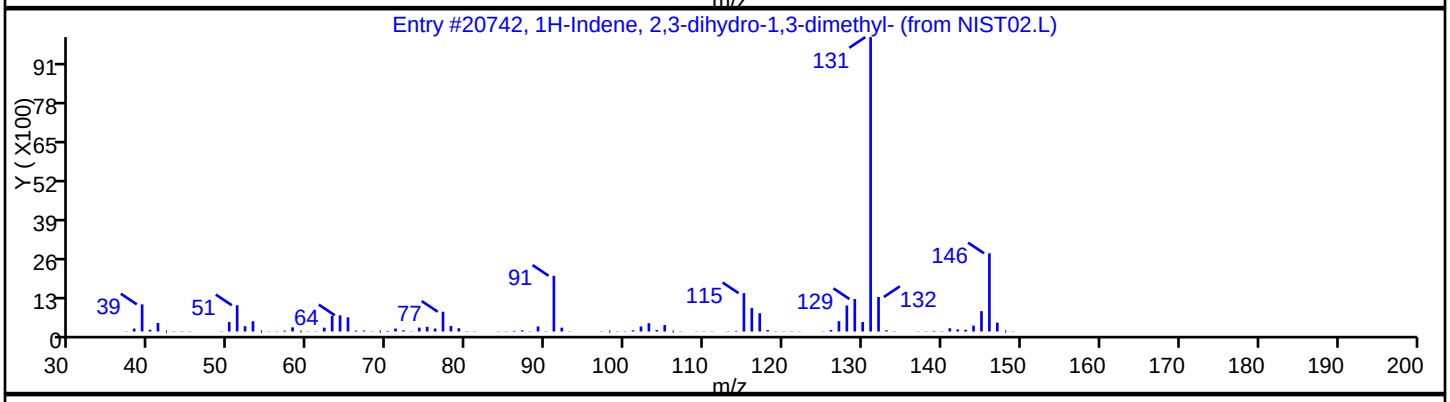
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60710.D

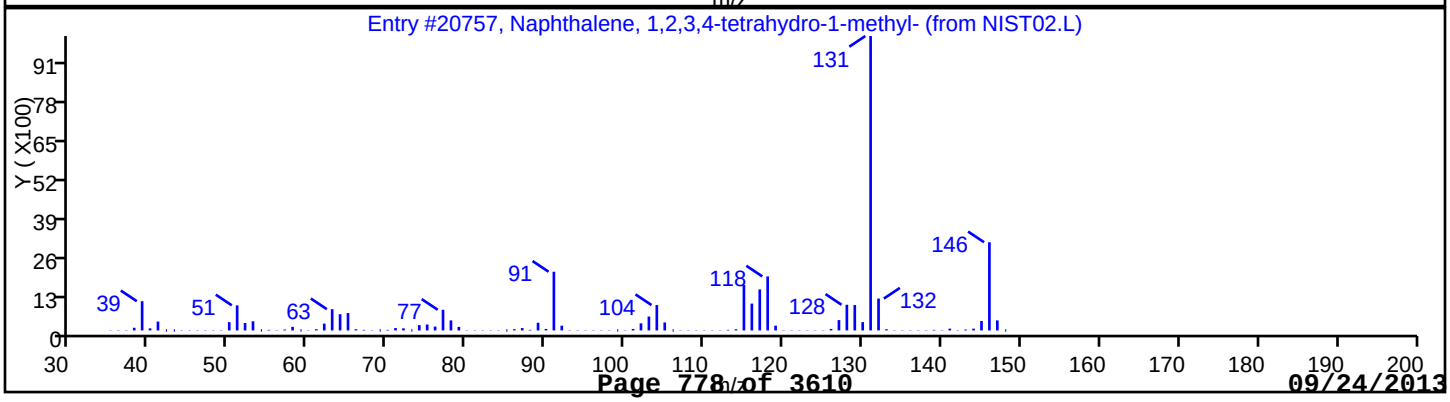
Injection Date:	20-Sep-2013 04:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-4-(1-methyl-2-propenyl	97664-18-1	NIST02.L	20775	81
1H-Indene, 2,3-dihydro-1,3-dimethyl-	4175-53-5	NIST02.L	20742	76
Naphthalene, 1,2,3,4-tetrahydro-1-methyl	1559-81-5	NIST02.L	20757	76









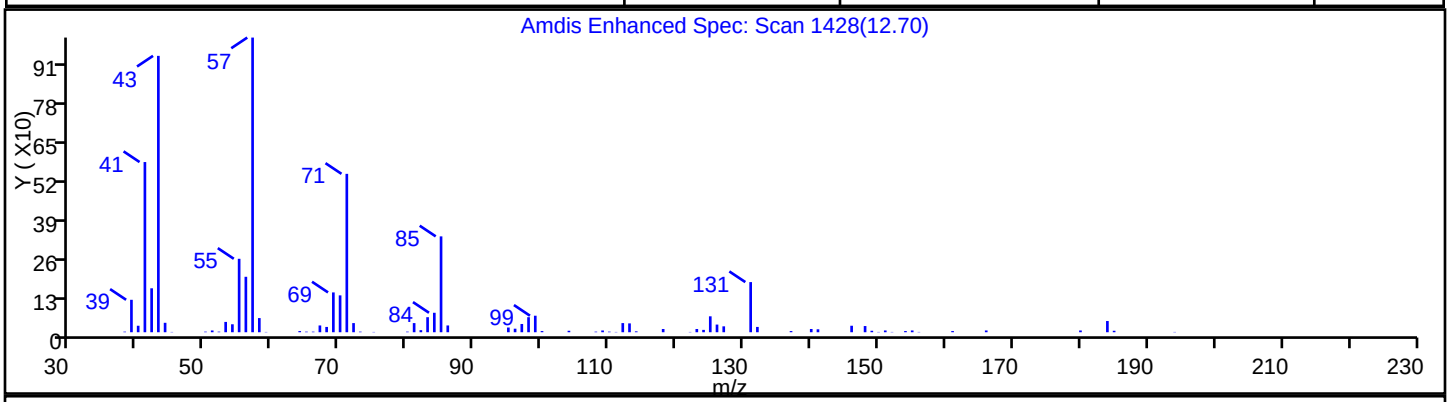
Report Date: 20-Sep-2013 18:10:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

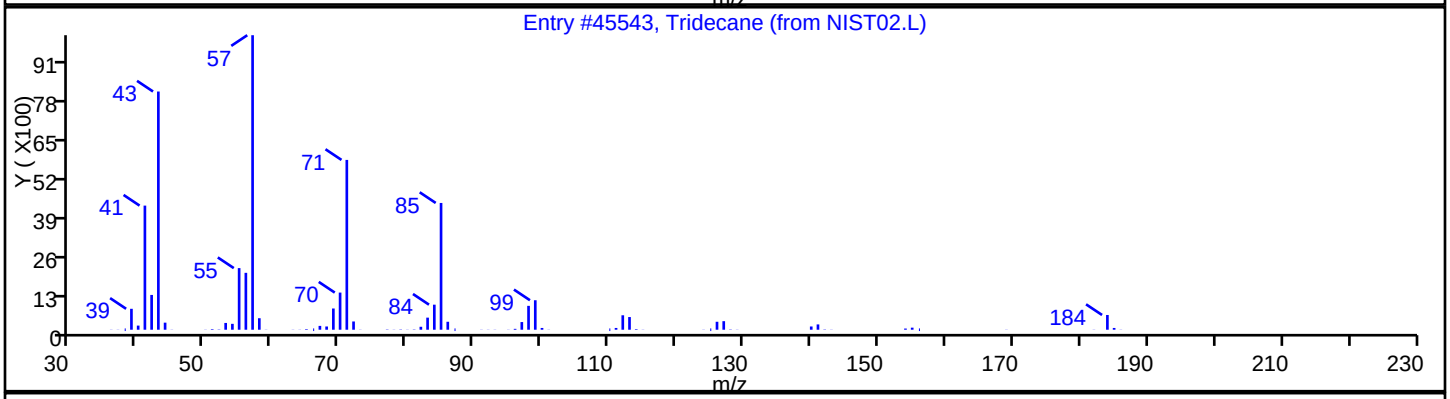
TestAmerica Edison

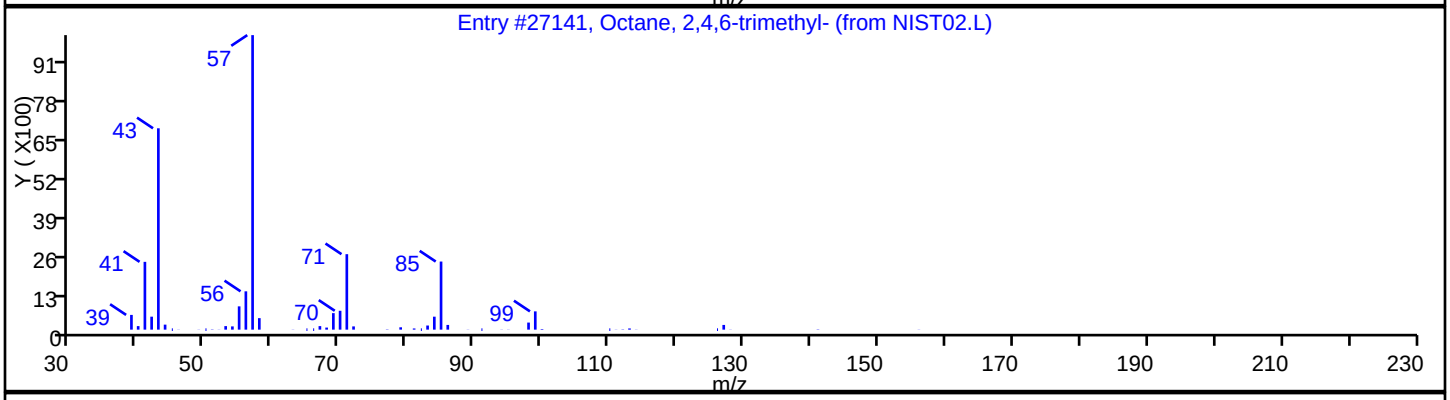
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60710.D

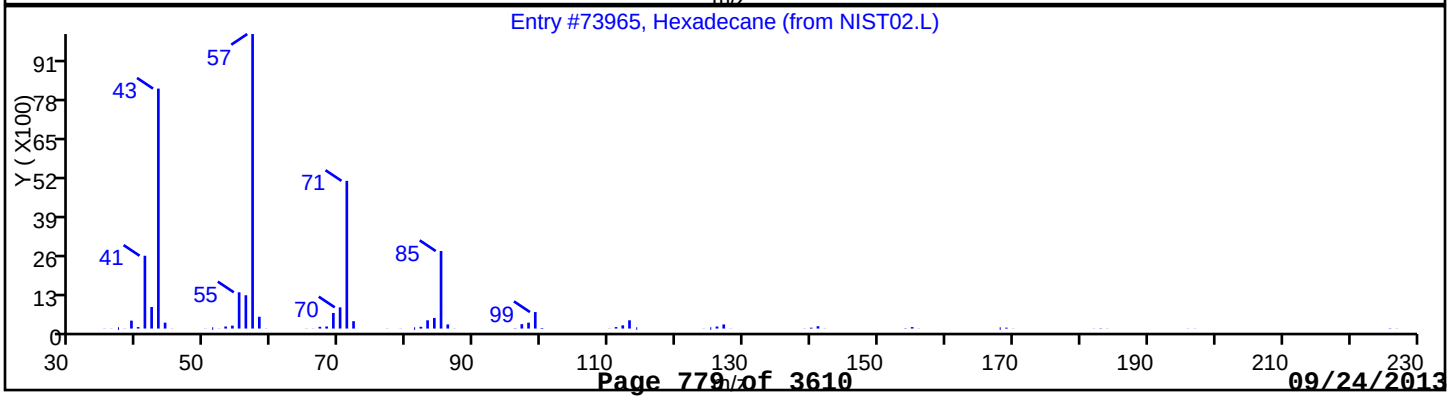
Injection Date:	20-Sep-2013 04:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tridecane	629-50-5	NIST02.L	45543	95
Octane, 2,4,6-trimethyl-	62016-37-9	NIST02.L	27141	72
Hexadecane	544-76-3	NIST02.L	73965	72









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-SI | Lab Sample ID: 460-62993-3

Matrix: Solid | Lab File ID: B60688.D

Analysis Method: 8260B | Date Collected: 09/13/2013 08:30

Sample wt/vol: 4.537(g) | Date Analyzed: 09/19/2013 19:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.2 | Level: (low/med) Medium

Analysis Batch No.: 182095 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	12	U	130	12
74-83-9	Bromomethane	23	U	130	23
75-01-4	Vinyl chloride	19	U	130	19
75-00-3	Chloroethane	22	U	130	22
75-09-2	Methylene Chloride	23	U	130	23
67-64-1	Acetone	340	U	640	340
75-15-0	Carbon disulfide	16	U	130	16
75-69-4	Trichlorofluoromethane	19	U	130	19
75-35-4	1,1-Dichloroethene	11	U	130	11
75-34-3	1,1-Dichloroethane	17	U	130	17
156-60-5	trans-1,2-Dichloroethene	17	U	130	17
156-59-2	cis-1,2-Dichloroethene	23	U	130	23
67-66-3	Chloroform	490		130	10
78-93-3	2-Butanone	300	U	640	300
107-06-2	1,2-Dichloroethane	24	U	130	24
71-55-6	1,1,1-Trichloroethane	8.0	U	130	8.0
56-23-5	Carbon tetrachloride	7.3	U	130	7.3
71-43-2	Benzene	11	U	130	11
75-25-2	Bromoform	25	U	130	25
100-42-5	Styrene	15	U	130	15
100-41-4	Ethylbenzene	12	U	130	12
108-90-7	Chlorobenzene	14	U	130	14
110-82-7	Cyclohexane	20	U	130	20
98-82-8	Isopropylbenzene	57	J	130	9.8
591-78-6	2-Hexanone	64	U	640	64
1634-04-4	MTBE	18	U	130	18
76-13-1	Freon TF	11	U	130	11
79-20-9	Methyl acetate	43	U	640	43
123-91-1	1,4-Dioxane	4600	U	6400	4600
79-01-6	Trichloroethene	38	J	130	12
108-88-3	Toluene	20	J	130	19
10061-02-6	trans-1,3-Dichloropropene	31	U	130	31
108-10-1	4-Methyl-2-pentanone	130	U	640	130
10061-01-5	cis-1,3-Dichloropropene	24	U	130	24
95-50-1	1,2-Dichlorobenzene	26	U	130	26
541-73-1	1,3-Dichlorobenzene	17	U	130	17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-SI | Lab Sample ID: 460-62993-3

Matrix: Solid | Lab File ID: B60688.D

Analysis Method: 8260B | Date Collected: 09/13/2013 08:30

Sample wt/vol: 4.537(g) | Date Analyzed: 09/19/2013 19:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.2 | Level: (low/med) Medium

Analysis Batch No.: 182095 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	30	U	130	30
120-82-1	1,2,4-Trichlorobenzene	860		130	44
87-61-6	1,2,3-Trichlorobenzene	1300		130	66
78-87-5	1,2-Dichloropropane	11	U	130	11
108-87-2	Methylcyclohexane	80	J *	130	17
127-18-4	Tetrachloroethene	20	J	130	12
1330-20-7	Xylenes, Total	140	J	390	46
96-12-8	1,2-Dibromo-3-Chloropropane	51	U *	130	51
79-34-5	1,1,2,2-Tetrachloroethane	20	U	130	20
79-00-5	1,1,2-Trichloroethane	24	U	130	24
124-48-1	Dibromochloromethane	26	U	130	26
106-93-4	1,2-Dibromoethane	35	U	130	35
75-71-8	Dichlorodifluoromethane	28	U	130	28
74-97-5	Bromochloromethane	35	U	130	35
75-27-4	Bromodichloromethane	16	U	130	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		75-135
2037-26-5	Toluene-d8 (Surr)	84		59-150
460-00-4	Bromofluorobenzene	92		72-133
1868-53-7	Dibromofluoromethane (Surr)	93		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-SI | Lab Sample ID: 460-62993-3

Matrix: Solid | Lab File ID: B60688.D

Analysis Method: 8260B | Date Collected: 09/13/2013 08:30

Sample wt/vol: 4.537(g) | Date Analyzed: 09/19/2013 19:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.2 | Level: (low/med) Medium

Analysis Batch No.: 182095 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 143400

CAS NO.	COMPOUND NAME	RT	RESULT	Q
124-18-5	Decane	10.15	16000	J N
1074-43-7	Benzene, 1-methyl-3-propyl-	11.05	15000	J N
1000152-47-3	trans-Decalin, 2-methyl-	11.55	10000	J N
4292-92-6	Cyclohexane, pentyl-	11.58	15000	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.71	14000	J N
76089-59-3	1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	12.03	18000	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	12.13	16000	J N
13632-94-5	Benzene, 1,4-diethyl-2-methyl-	12.33	12000	J N
4489-84-3	Benzene, (3-methyl-2-butenyl)-	12.41	18000	J N
	Unknown Aromatic	12.71	9400	J

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D		
Lims ID:	460-62993-C-3-A	Client ID:	PMP-6SE-SI
Inject. Date:	19-Sep-2013 19:58:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62993-C-3-A		
Misc. Info.:	460-0004800-022		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	21
Lims Batch ID:	182095	Lims Sample ID:	22
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\8260W_2.m		
Last Update:	20-Sep-2013 17:38:08	Calib Date:	18-Sep-2013 04:57:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4744.b\B60605.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK024		
First Level Reviewer: boykink		Date:	20-Sep-2013 02:03:37

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	2.805	2.797	0.008	55	299083	1000.0	
47 Chloroform	83	4.303	4.311	-0.008	91	26530	3.80	
$ 57 Dibromofluoromethane (Surr)	113	4.484	4.484	0.0	98	187398	46.4	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.879	4.887	-0.008	96	281165	46.9	
* 58 Fluorobenzene	96	5.208	5.208	0.0	97	647027	50.0	
60 Trichloroethene	95	5.644	5.636	0.008	58	1231	0.2960	
62 Methylcyclohexane	83	5.760	5.768	-0.008	77	1753	0.6190	M
* 65 1,4-Dioxane-d8	96	6.064	6.064	0.0	90	38282	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.208	7.200	0.008	97	568781	41.9	
77 Toluene	91	7.282	7.282	0.0	66	2304	0.1530	
81 Tetrachloroethene	166	7.866	7.858	0.008	34	609	0.1527	
* 87 Chlorobenzene-d5	117	8.764	8.763	0.001	90	542924	50.0	
92 o-Xylene	106	9.364	9.356	0.008	89	6571	1.06	
96 Isopropylbenzene	105	9.685	9.677	0.008	50	7123	0.4447	
$ 97 4-Bromofluorobenzene	174	9.858	9.858	0.0	90	245596	46.0	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	90	315031	50.0	
127 1,2,4-Trichlorobenzene	180	12.368	12.368	0.0	71	31255	6.69	
131 1,2,3-Trichlorobenzene	180	12.788	12.788	0.0	55	33886	10.2	
S 134 Xylenes, Total	100				0		1.06	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D		
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Inject. Date:	19-Sep-2013 19:58:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62993-C-3-A		
Misc. Info.:	460-0004800-022		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	21
Lims Batch ID:	182095	Lims Sample ID:	22
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\8260W_2.m		
Last Update:	20-Sep-2013 17:38:08	Calib Date:	18-Sep-2013 04:57:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	80		
Process Host:	XAWRK024		
First Level Reviewer: boykink		Date:	20-Sep-2013 02:03:37

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	124-18-5 Decane					
10.146	3820100	122.4	115	97	18419	
	1074-43-7 Benzene, 1-methyl-3-propyl-					
11.051	3729439	119.5	115	87	14340	
	1000152-47-3 trans-Decalin, 2-methyl-					
11.545	2513868	80.5	115	94	24310	
	4292-92-6 Cyclohexane, pentyl-					
11.578	3596162	115.2	115	80	25843	
	527-84-4 Benzene, 1-methyl-2-(1-methylethyl)-					
11.710	3307529	105.9	115	84	14404	
	76089-59-3 1,3-Cyclopentadiene, 1,2,3,4-tetramethyl					
12.031	4430741	141.9	115	81	14434	
	1595-16-0 Benzene, 1-methyl-4-(1-methylpropyl)-					
12.129	3868922	123.9	115	87	21844	
	13632-94-5 Benzene, 1,4-diethyl-2-methyl-					
12.327	2868838	91.9	115	86	21821	
	4489-84-3 Benzene, (3-methyl-2-butenyl)-					
12.409	4360479	139.7	115	86	20727	
	Unknown Aromatic					
12.706	2289409	73.3	115	0	0	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 115 1,4-Dichlorobenzene-d4	10.813	1561053	50.0

QC Flag Legend

Processing Flags

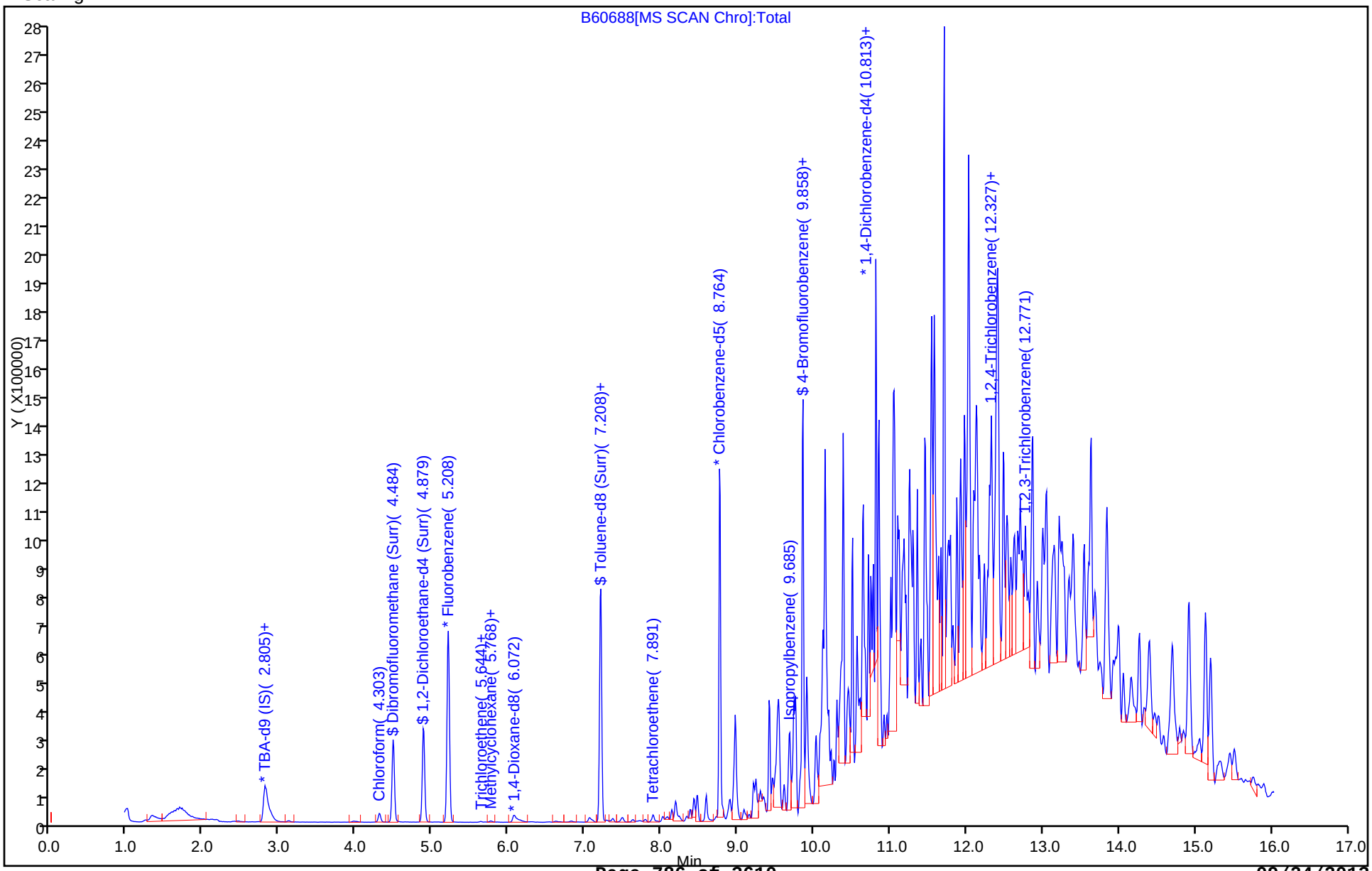
Report Date: 20-Sep-2013 17:38:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D

Injection Date:	19-Sep-2013 19:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



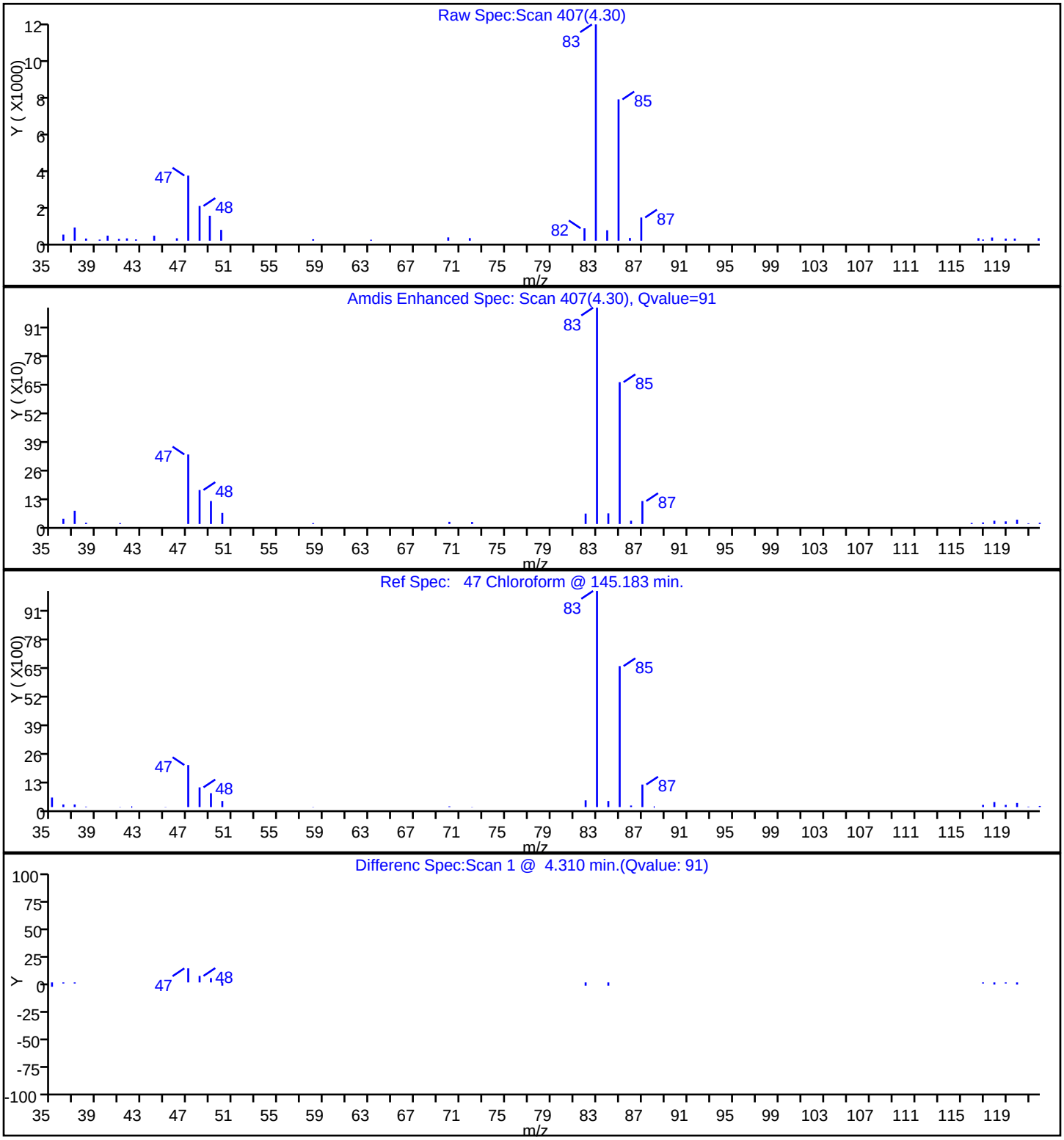
Report Date: 20-Sep-2013 17:38:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D

Injection Date:	19-Sep-2013 19:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



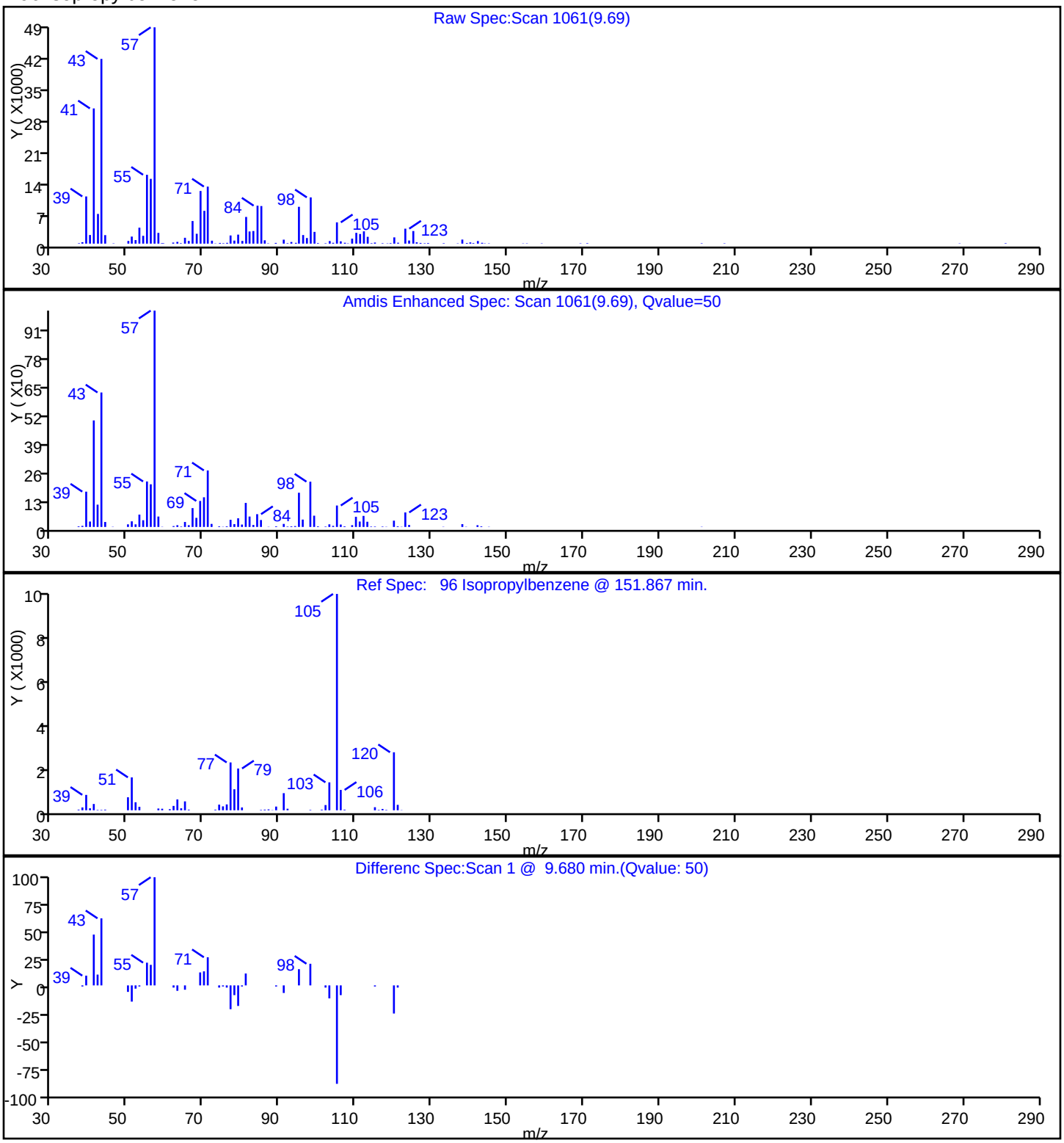
Report Date: 20-Sep-2013 17:38:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D

Injection Date:	19-Sep-2013 19:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

96 Isopropylbenzene



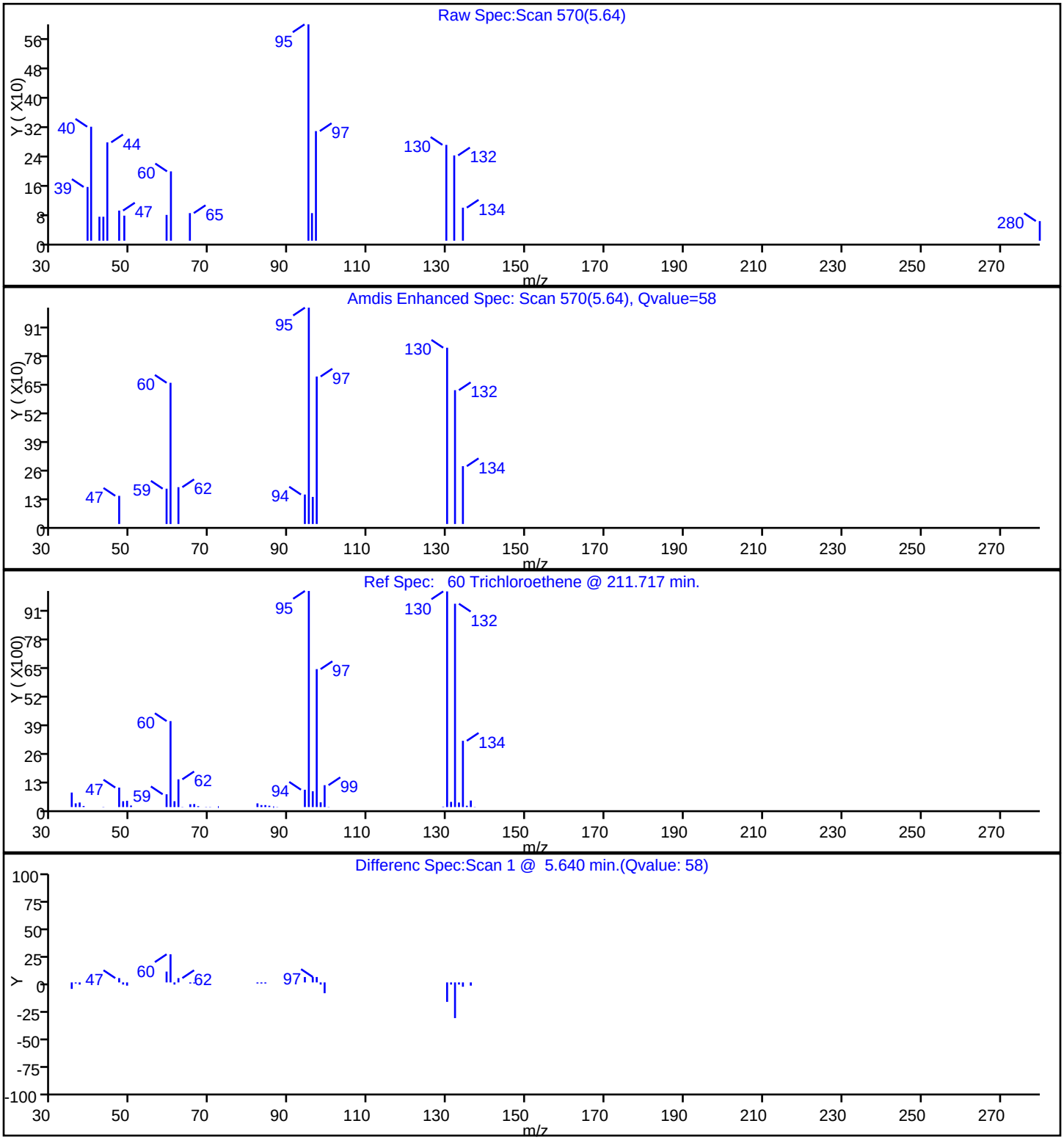
Report Date: 20-Sep-2013 17:38:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D

Injection Date:	19-Sep-2013 19:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

60 Trichloroethene



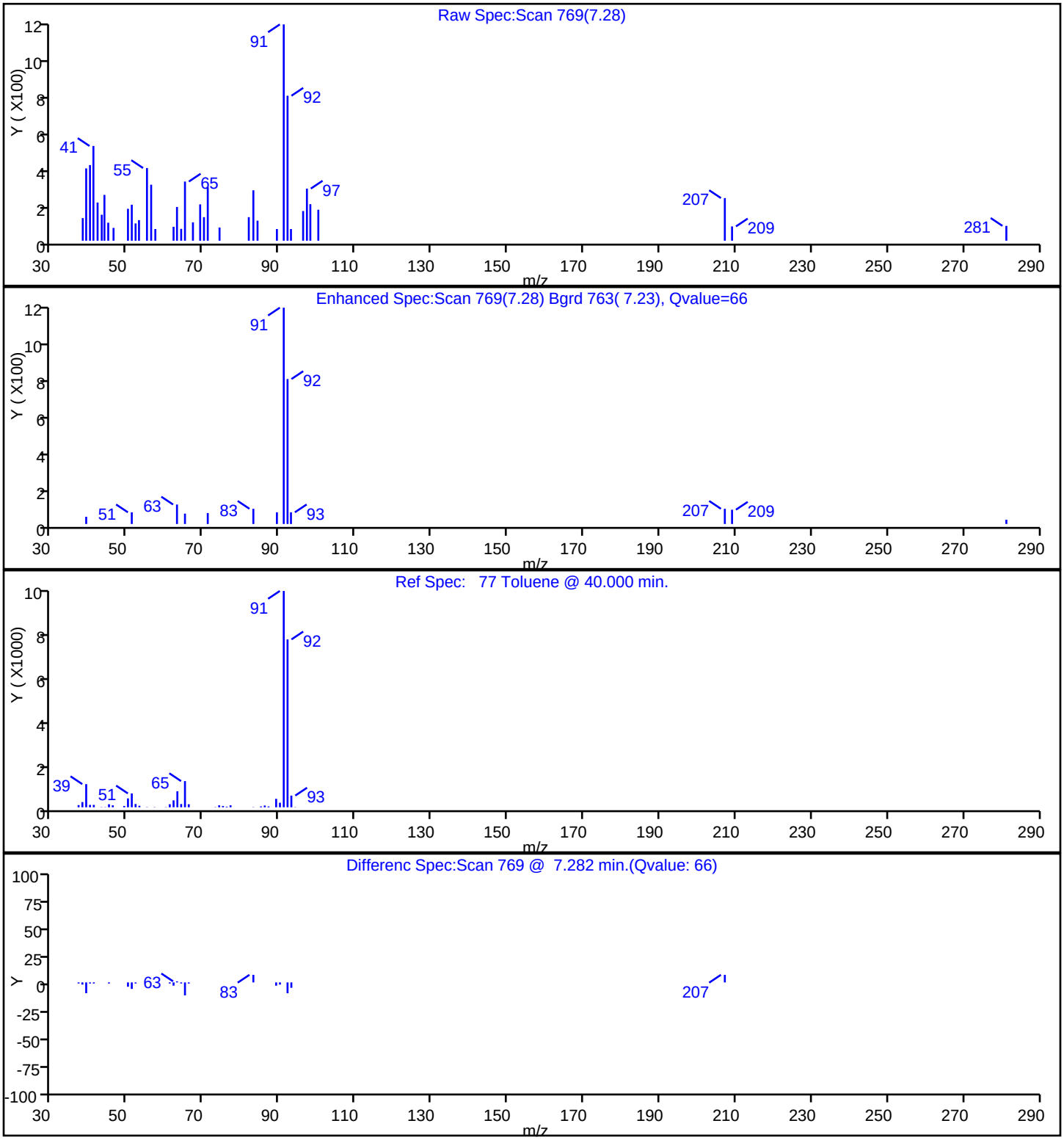
Report Date: 20-Sep-2013 17:38:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D

Injection Date:	19-Sep-2013 19:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

77 Toluene



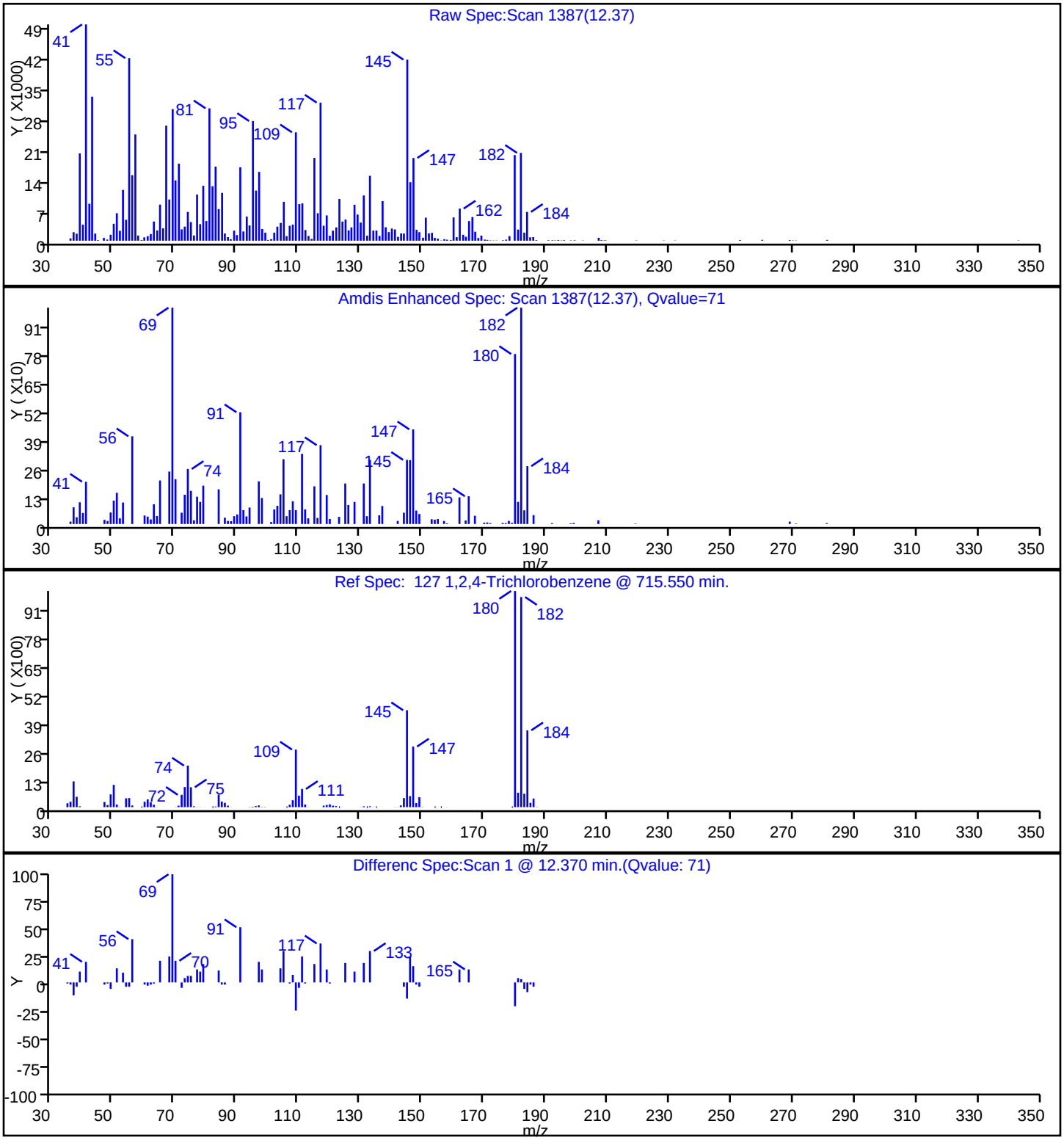
Report Date: 20-Sep-2013 17:38:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D

Injection Date:	19-Sep-2013 19:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

127 1,2,4-Trichlorobenzene



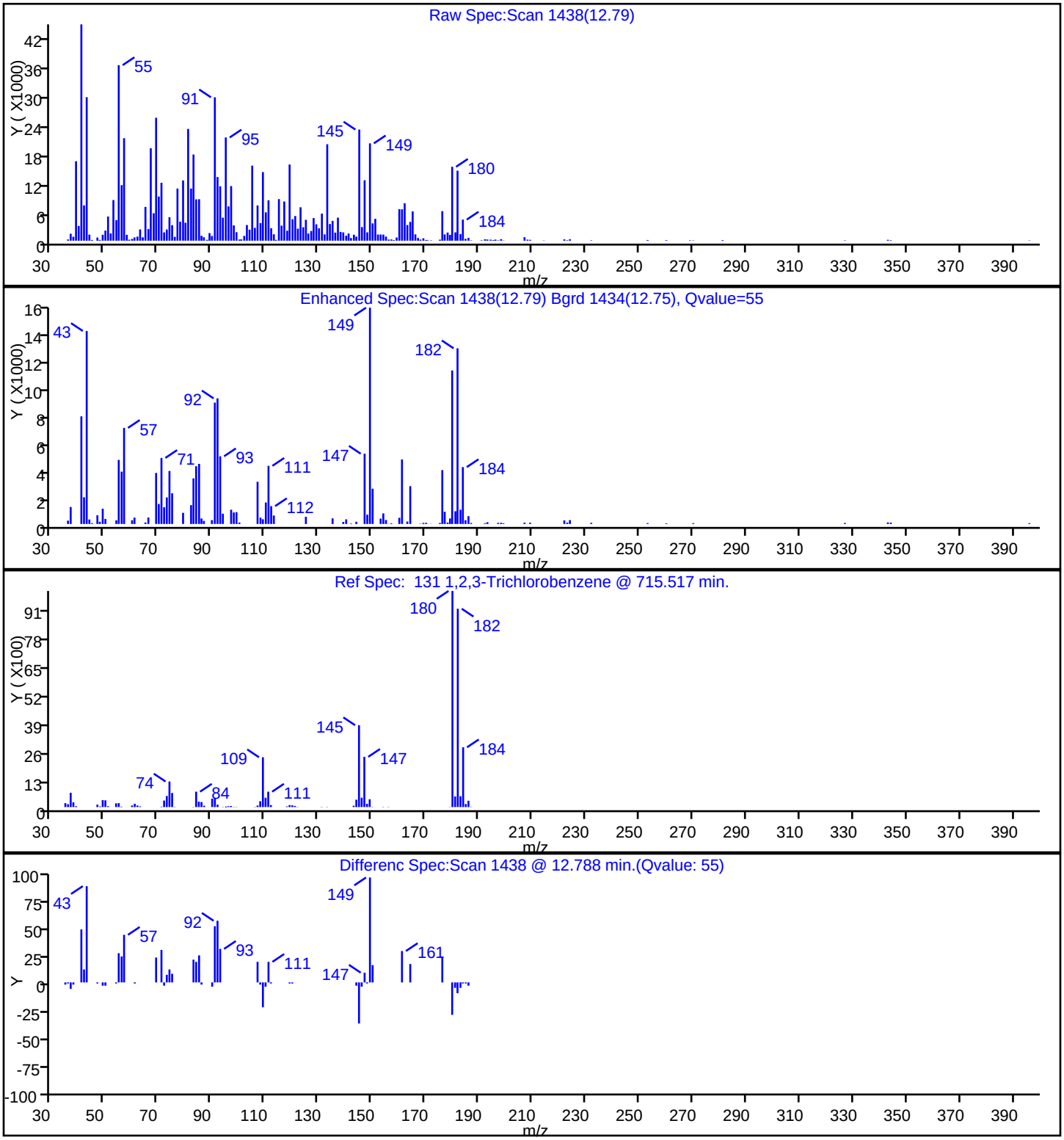
Report Date: 20-Sep-2013 17:38:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D

Injection Date:	19-Sep-2013 19:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

131 1,2,3-Trichlorobenzene



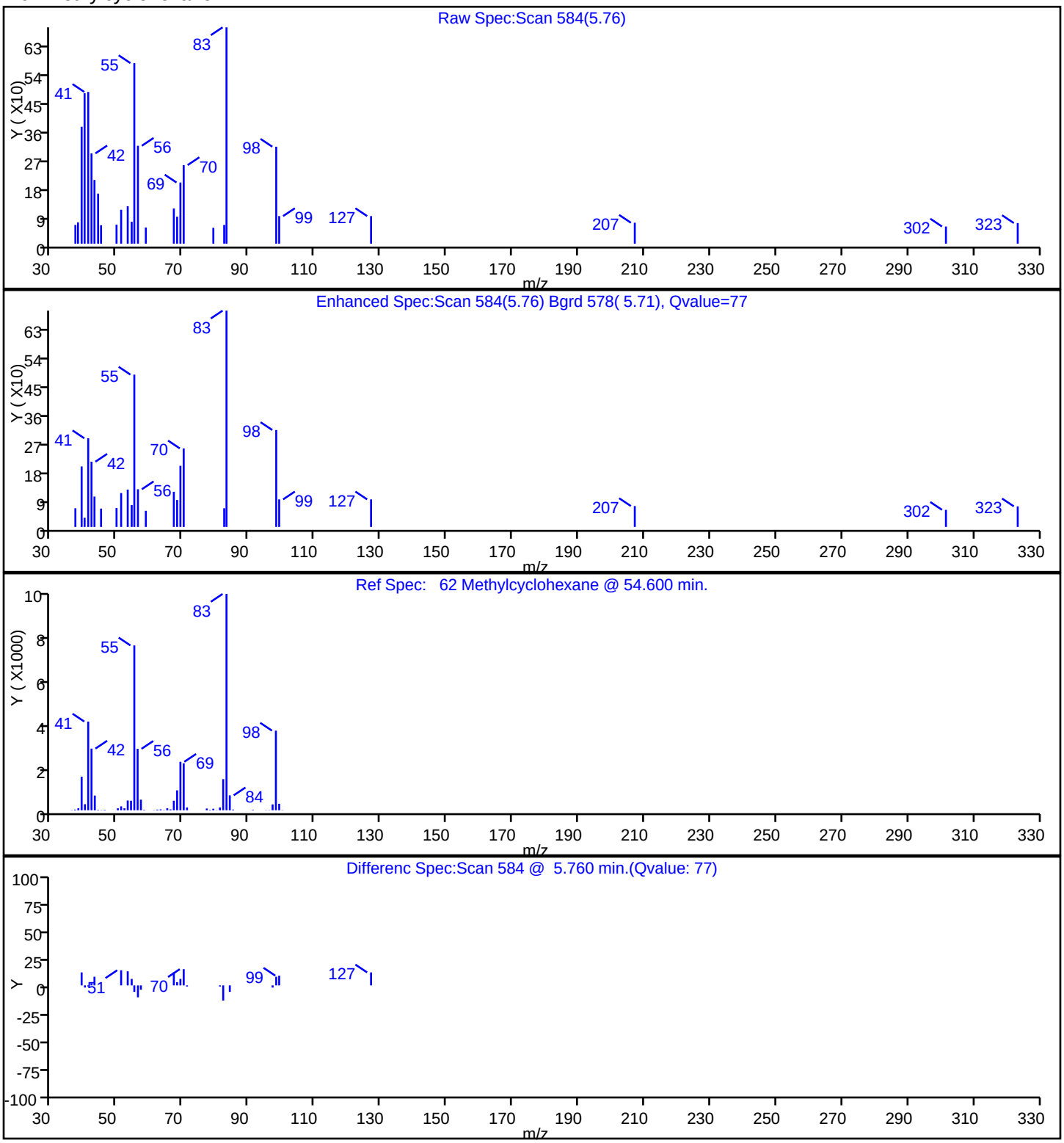
Report Date: 20-Sep-2013 17:38:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D

Injection Date:	19-Sep-2013 19:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

62 Methylcyclohexane



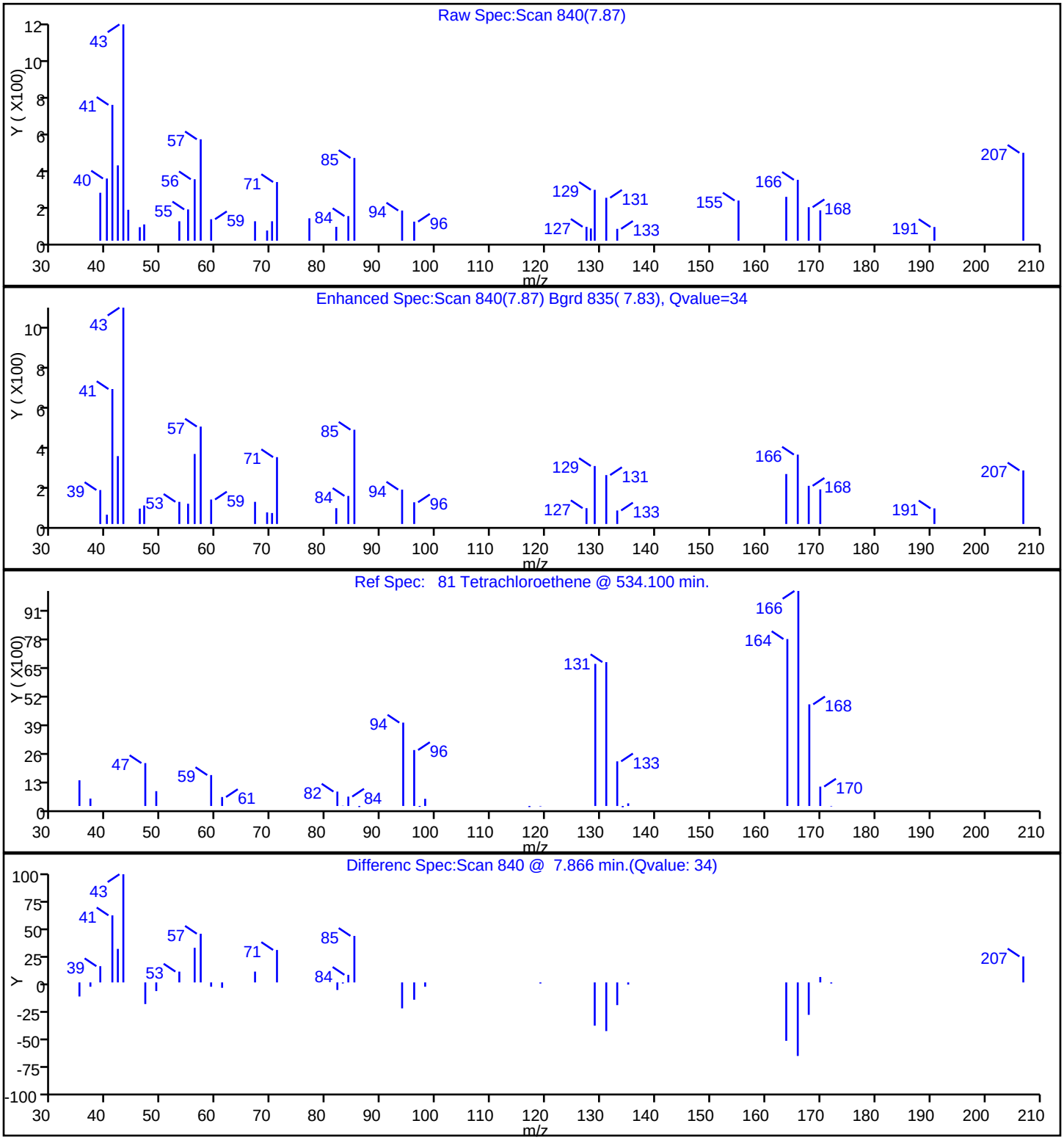
Report Date: 20-Sep-2013 17:38:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D

Injection Date:	19-Sep-2013 19:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

81 Tetrachloroethene



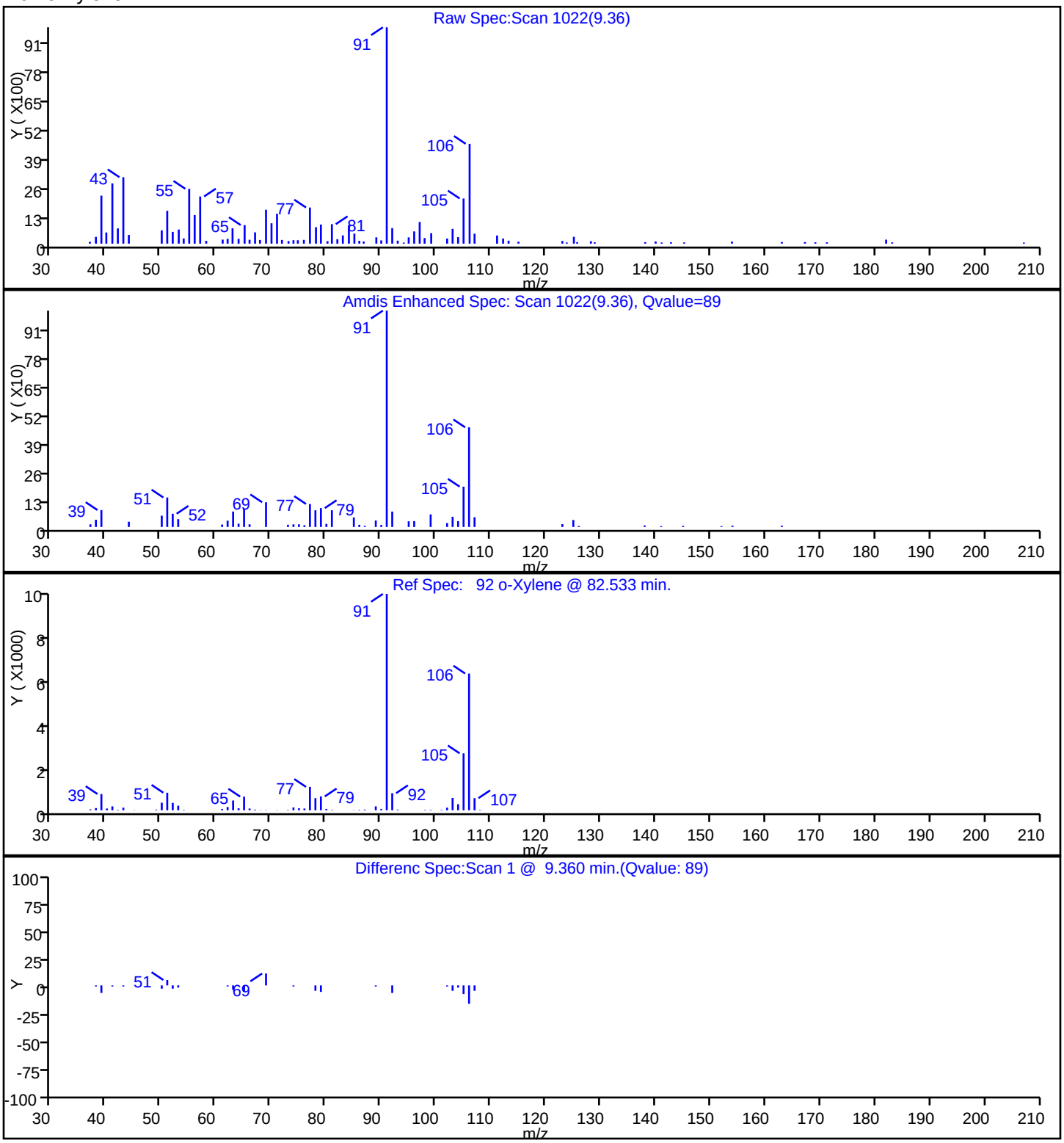
Report Date: 20-Sep-2013 17:38:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D

Injection Date:	19-Sep-2013 19:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

92 o-Xylene



Manual Integration/User Assign Peak Report

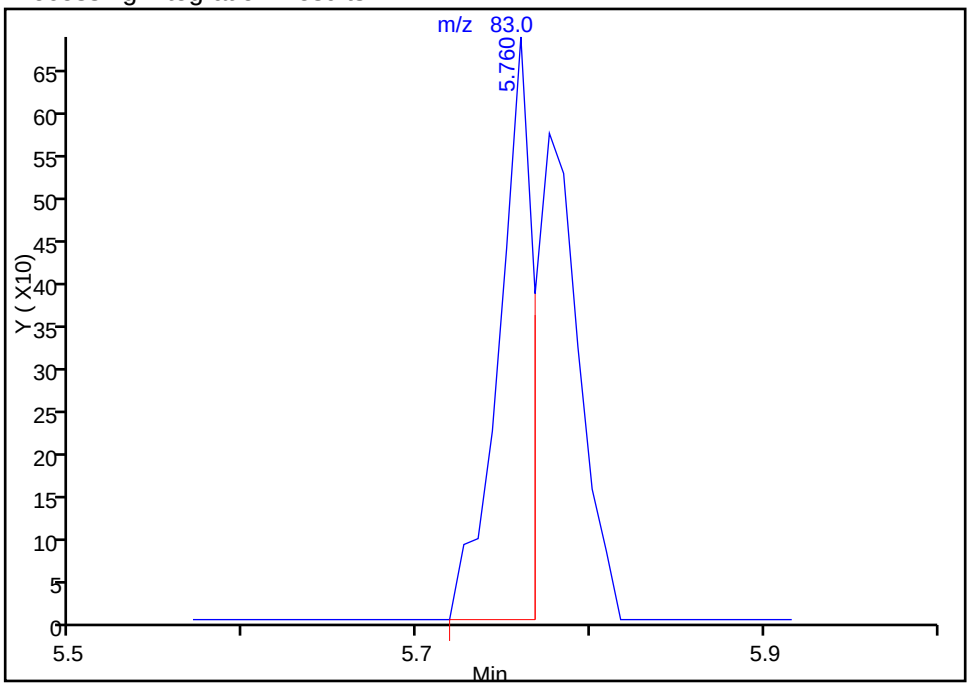
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D		
Injection Date:	19-Sep-2013 19:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

62 Methylcyclohexane, Signal: 1, m/z: 83.0 Type: quant, RT: 5.77

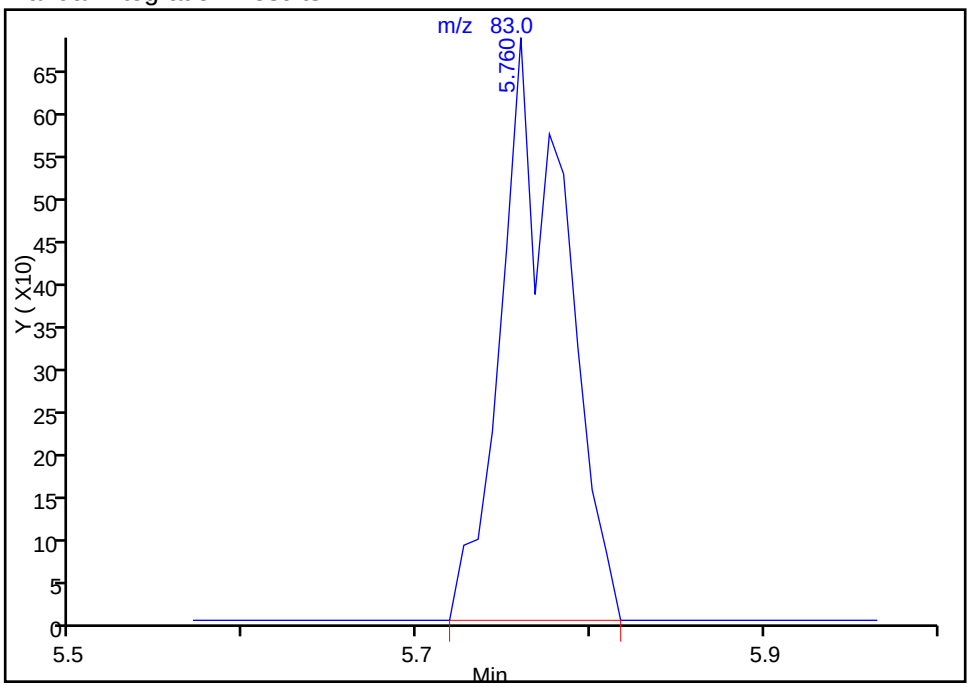
Processing Integration Results

RT: 5.76
Response: 940
Amount: 0.331916



Manual Integration Results

RT: 5.76
Response: 1753
Amount: 0.618987



Reviewer: baronm, 20-Sep-2013 17:29:14
Audit Action: Manually Integrated
Audit Reason: Split Peak

Report Date: 20-Sep-2013 17:38:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D

Injection Date: 19-Sep-2013 19:58:30 Limit Group: VOA - 8260B Water and Solid

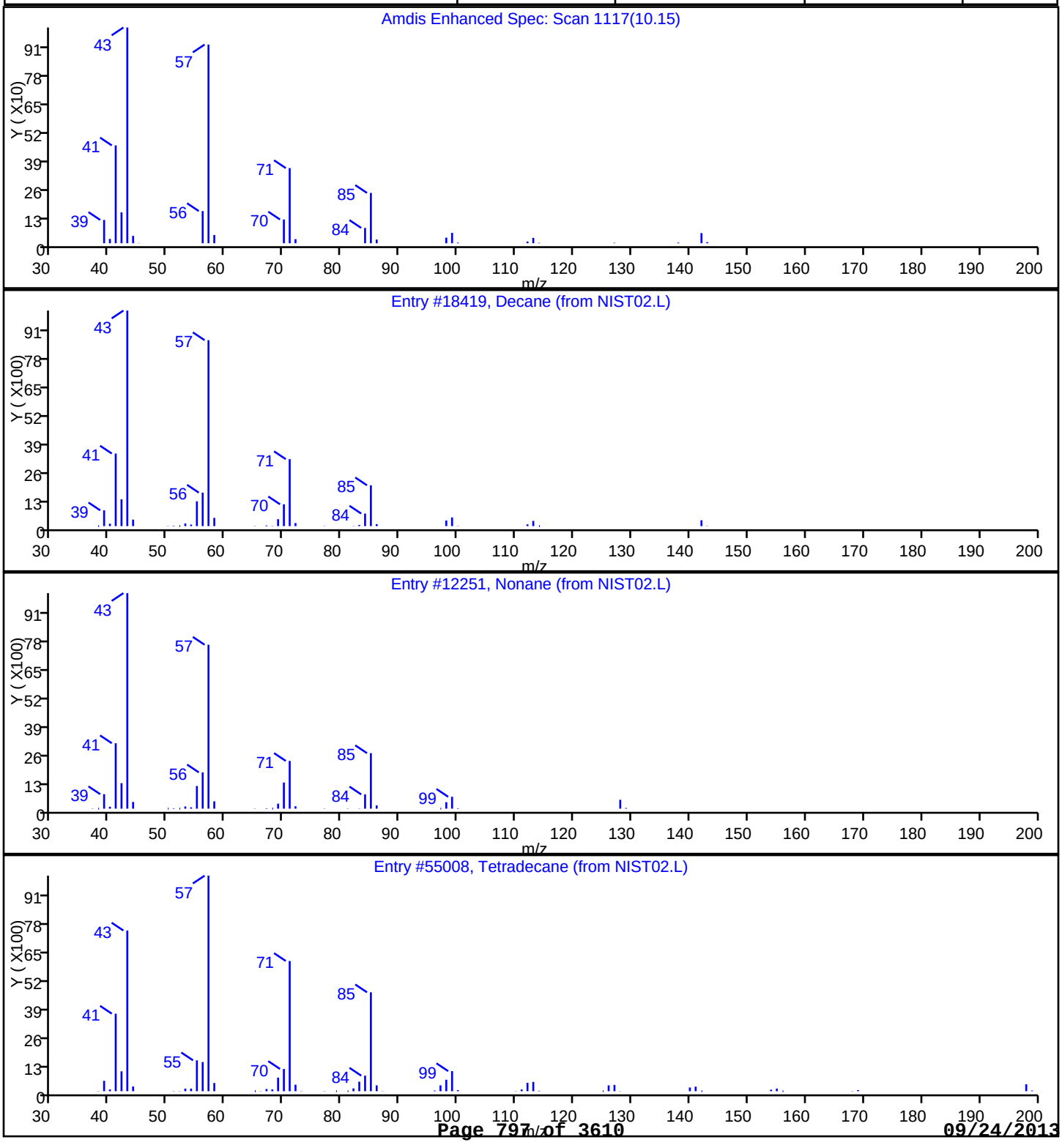
Client ID: PMP-6SE-SI Instrument ID: CVOAMS2

Lims Batch ID: 182095 Lims Sample ID: 22

Operator ID: Purge Vol: 5.000 mL

Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Decane	124-18-5	NIST02.L	18419	97
Nonane	111-84-2	NIST02.L	12251	80
Tetradecane	629-59-4	NIST02.L	55008	78



Report Date: 20-Sep-2013 17:38:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D

Injection Date: 19-Sep-2013 19:58:30 Limit Group: VOA - 8260B Water and Solid

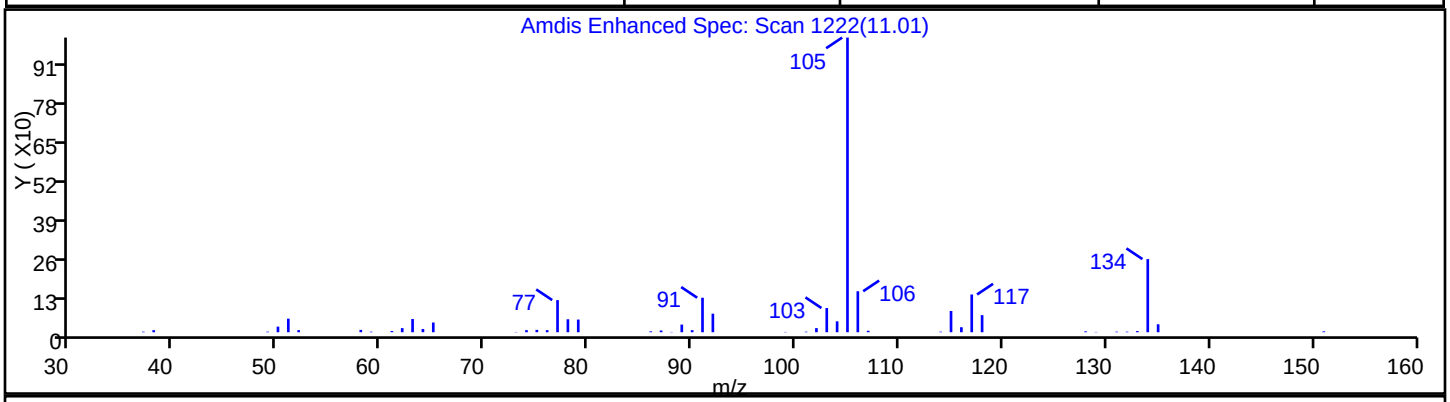
Client ID: PMP-6SE-SI Instrument ID: CVOAMS2

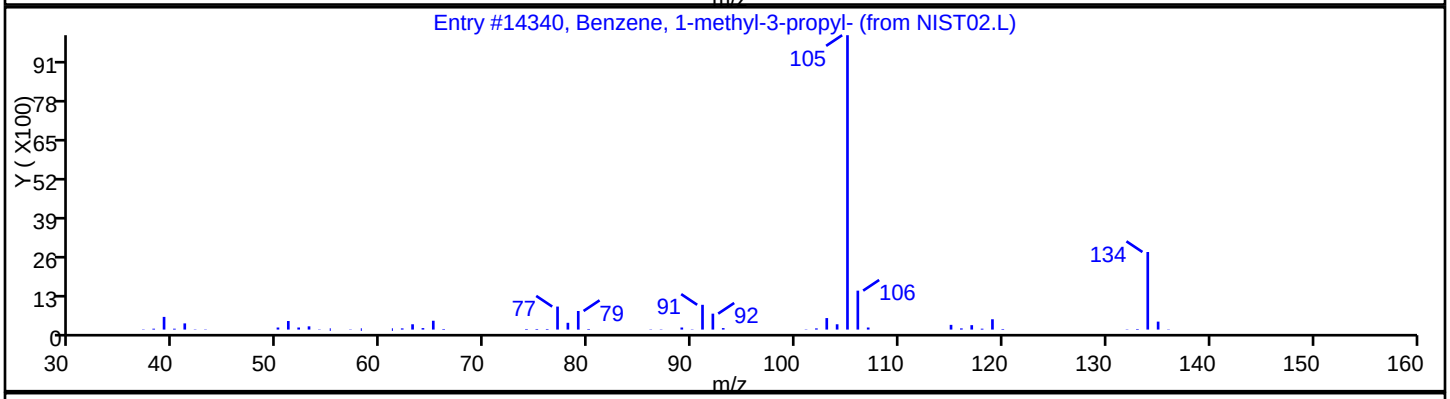
Lims Batch ID: 182095 Lims Sample ID: 22

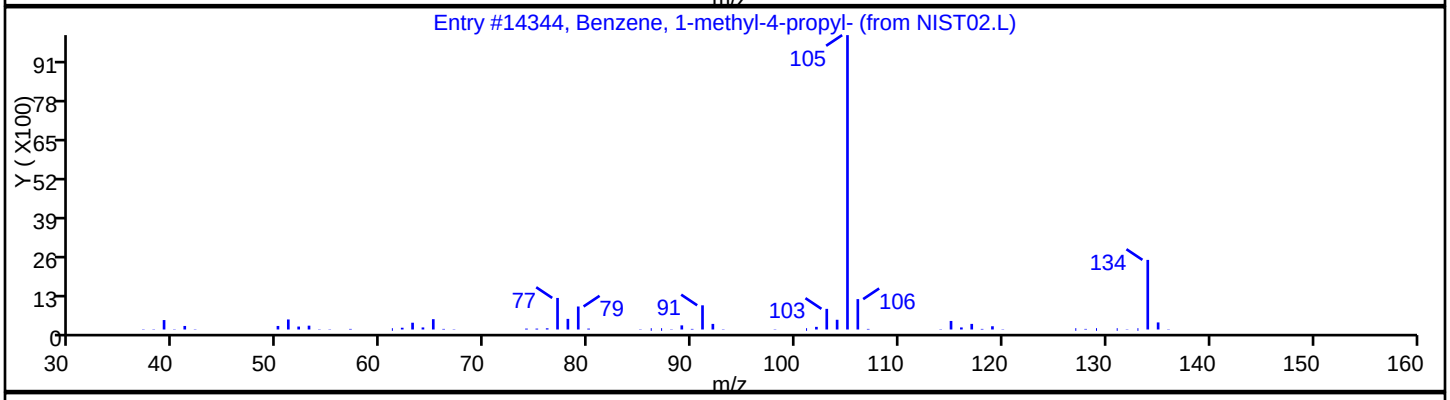
Operator ID: Purge Vol: 5.000 mL

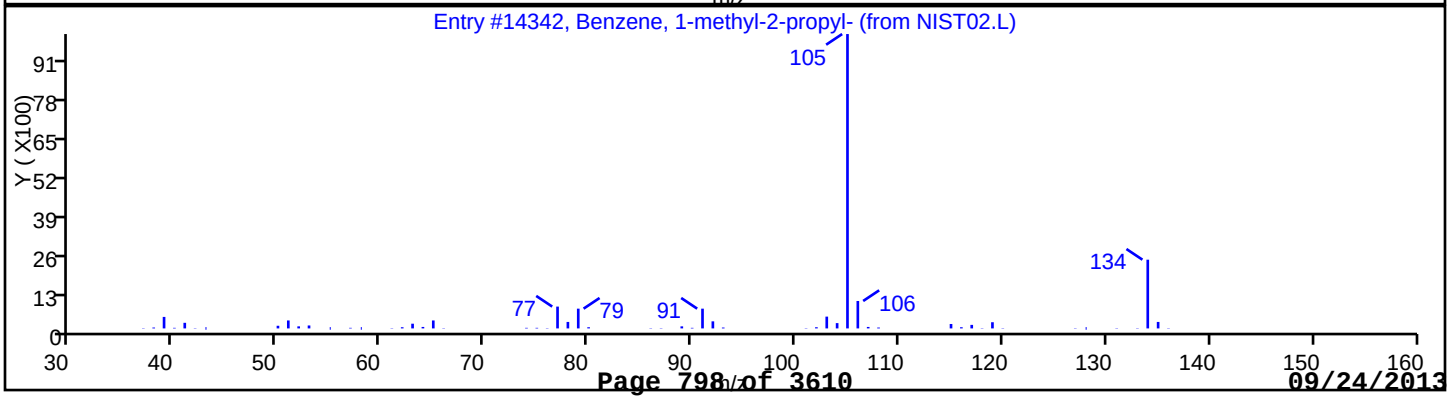
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-3-propyl-	1074-43-7	NIST02.L	14340	87
Benzene, 1-methyl-4-propyl-	1074-55-1	NIST02.L	14344	87
Benzene, 1-methyl-2-propyl-	1074-17-5	NIST02.L	14342	80









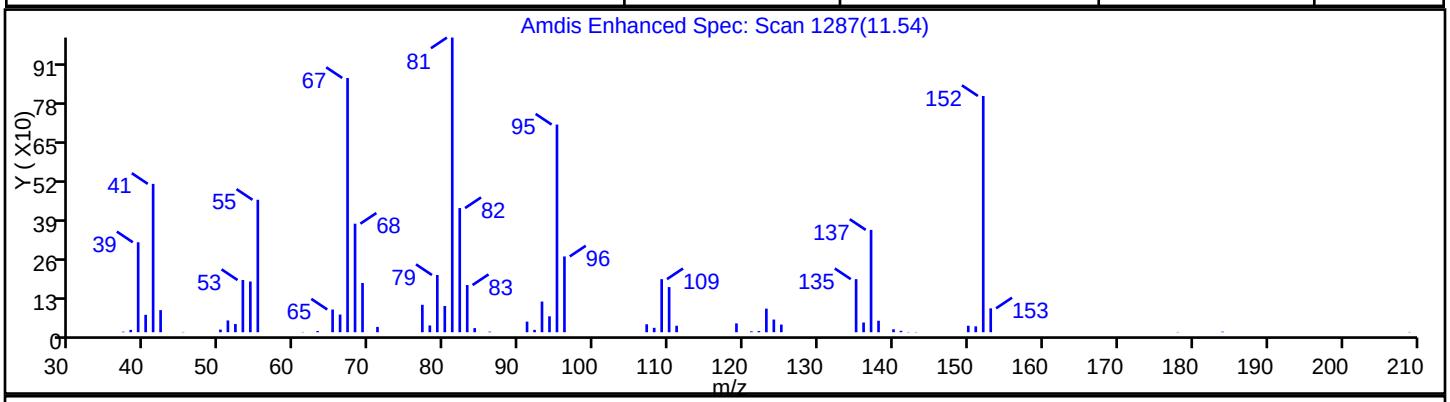
Report Date: 20-Sep-2013 17:38:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

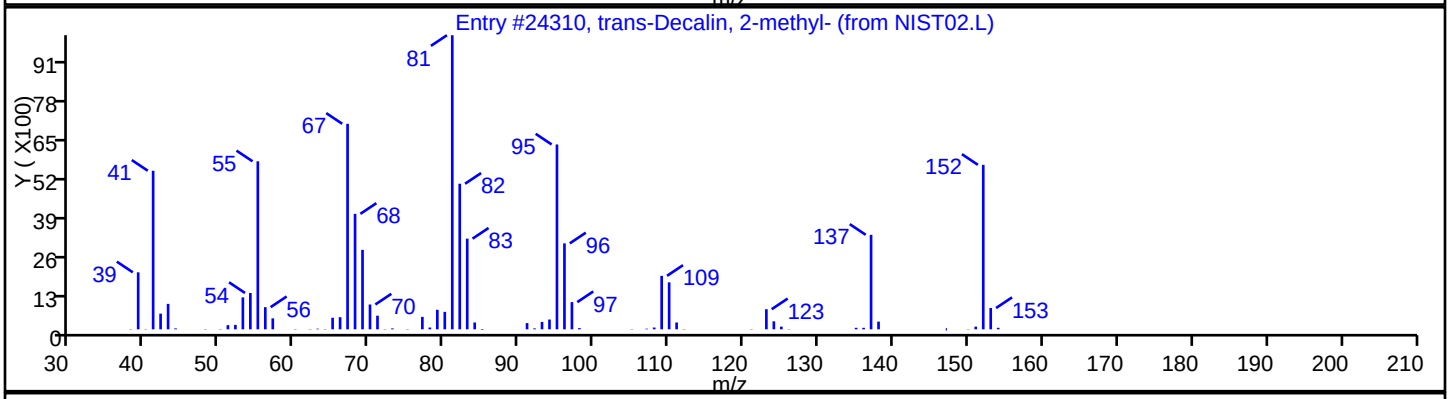
TestAmerica Edison

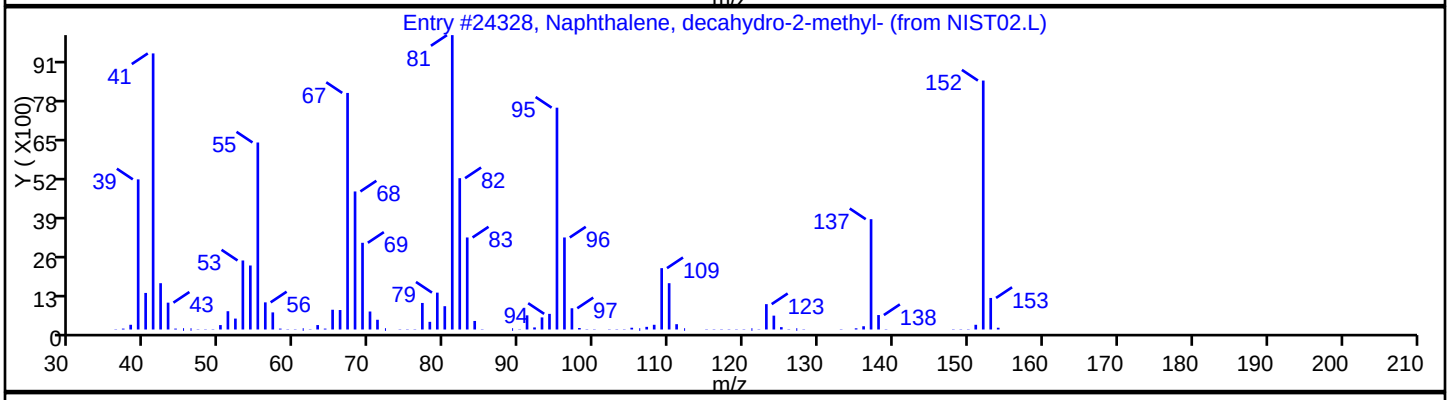
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D

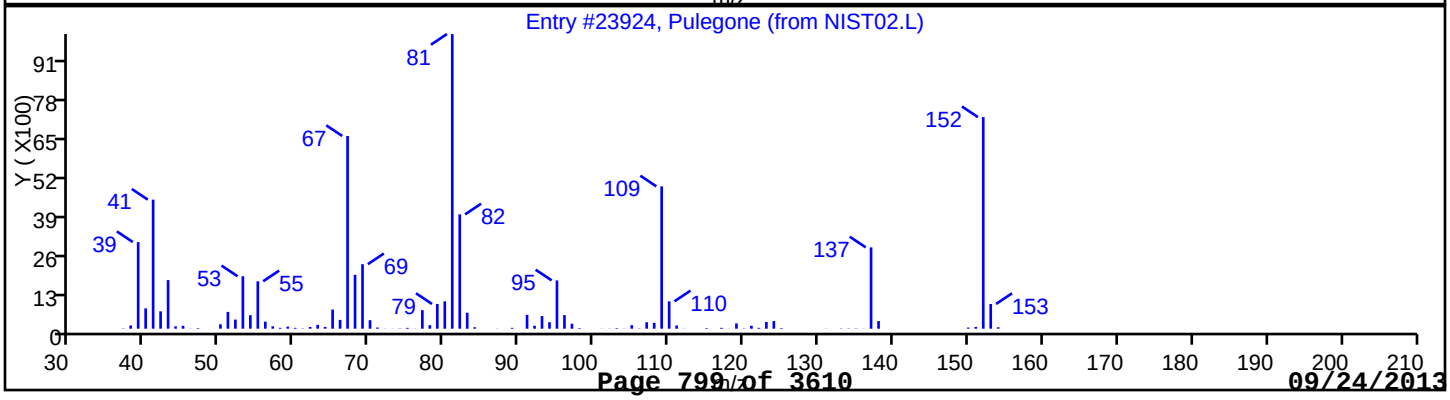
Injection Date:	19-Sep-2013 19:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	94
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	90
Pulegone	89-82-7	NIST02.L	23924	90









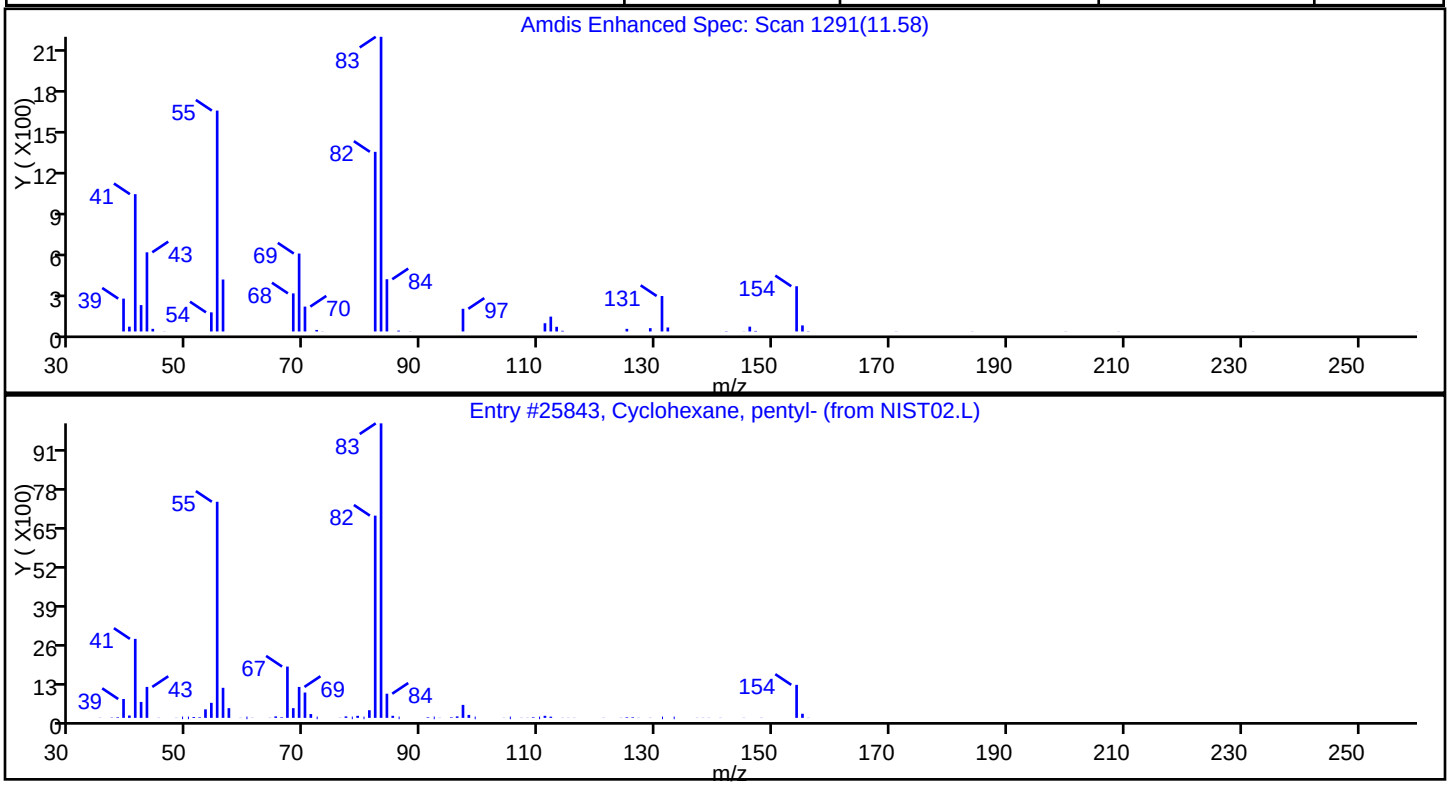
Report Date: 20-Sep-2013 17:38:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D

Injection Date:	19-Sep-2013 19:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Cyclohexane, pentyl-	4292-92-6	NIST02.L	25843	80



Report Date: 20-Sep-2013 17:38:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D

Injection Date: 19-Sep-2013 19:58:30 Limit Group: VOA - 8260B Water and Solid

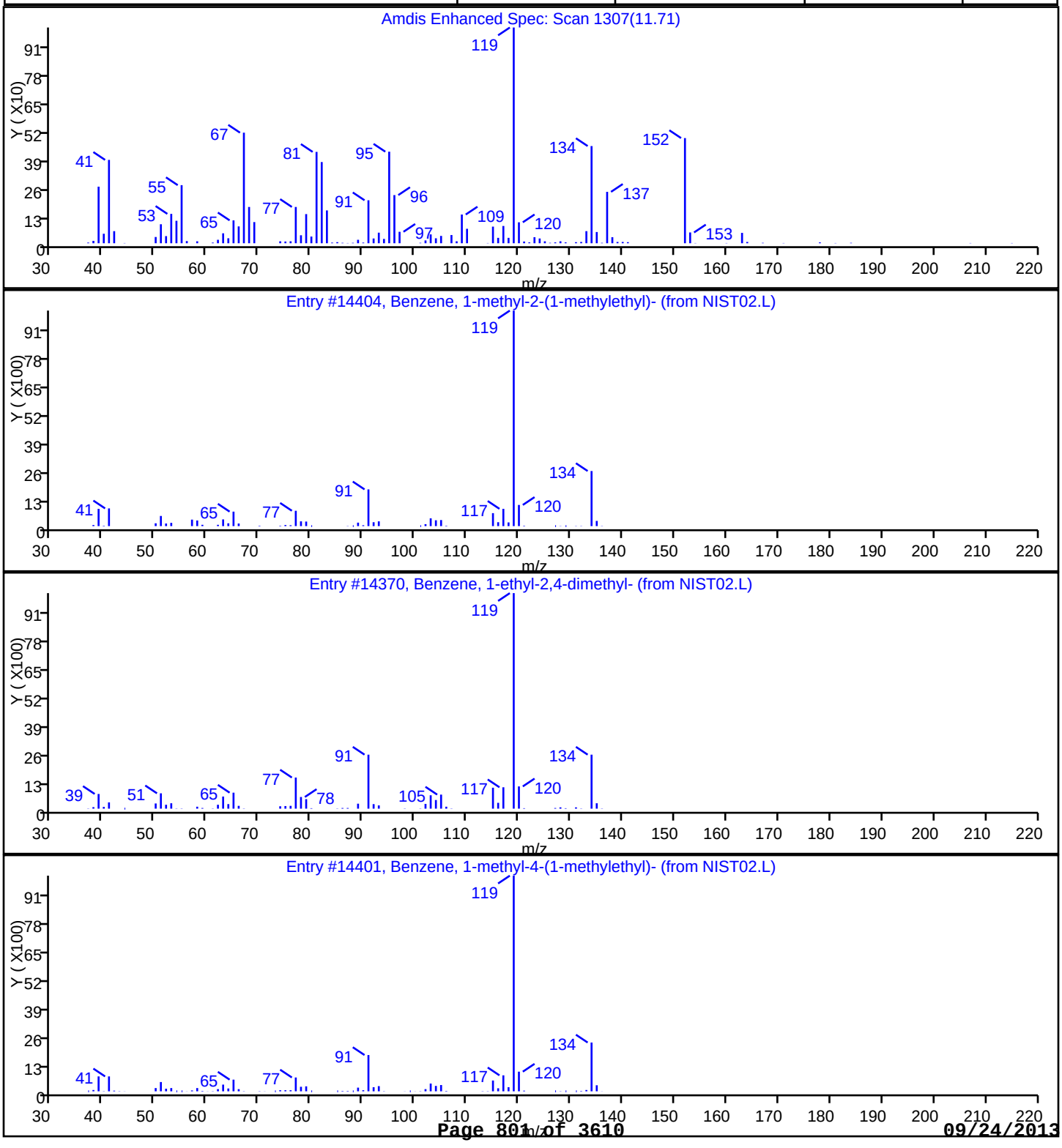
Client ID: PMP-6SE-SI Instrument ID: CVOAMS2

Lims Batch ID: 182095 Lims Sample ID: 22

Operator ID: Purge Vol: 5.000 mL

Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14404	84
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.L	14370	84
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.L	14401	83



Report Date: 20-Sep-2013 17:38:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D

Injection Date: 19-Sep-2013 19:58:30 Limit Group: VOA - 8260B Water and Solid

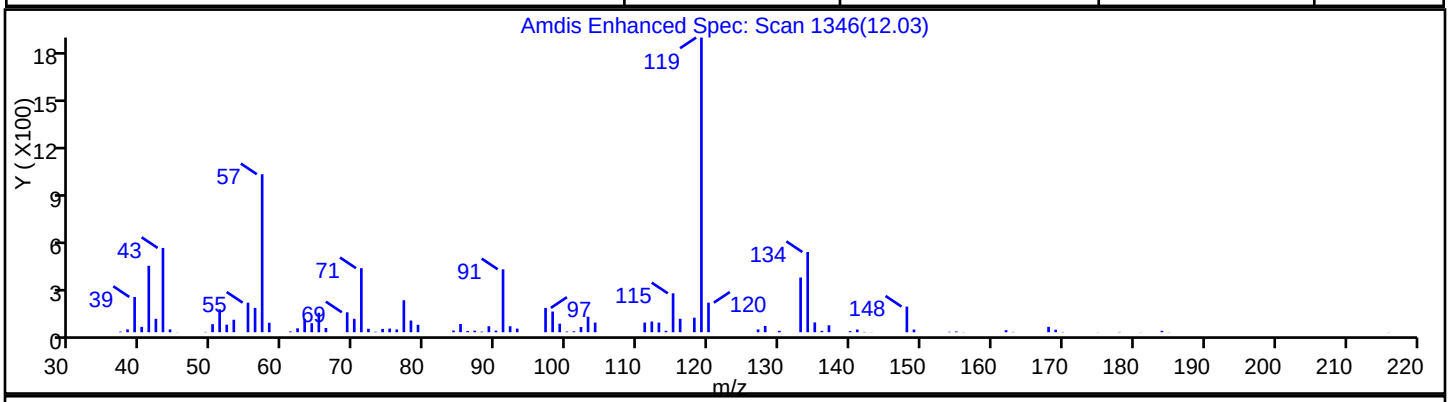
Client ID: PMP-6SE-SI Instrument ID: CVOAMS2

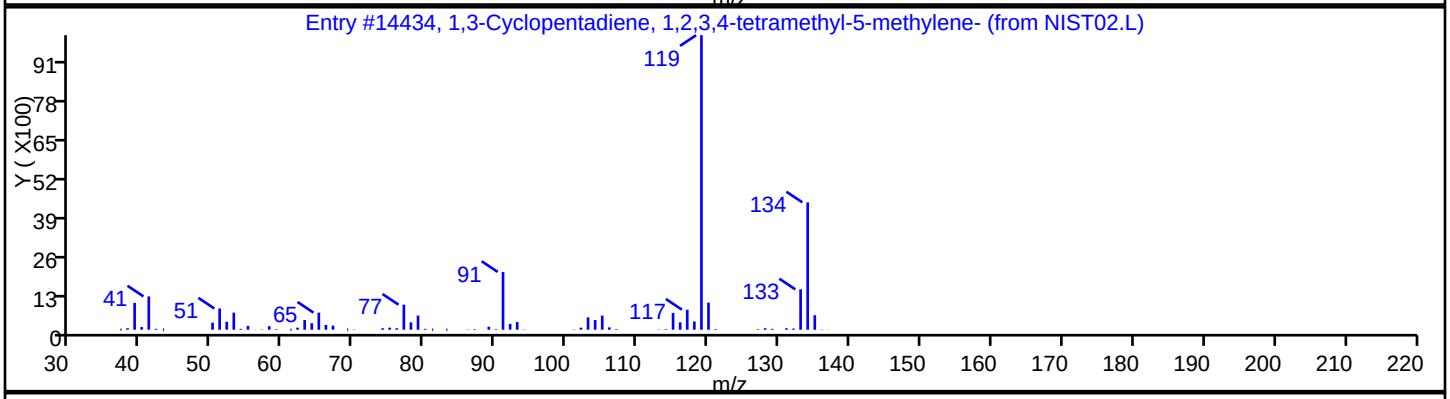
Lims Batch ID: 182095 Lims Sample ID: 22

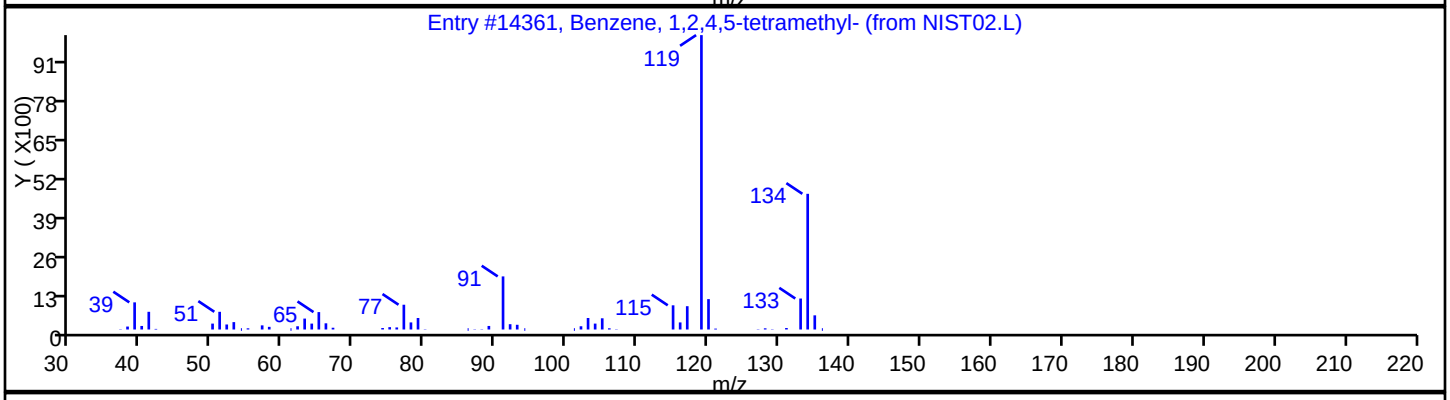
Operator ID: Purge Vol: 5.000 mL

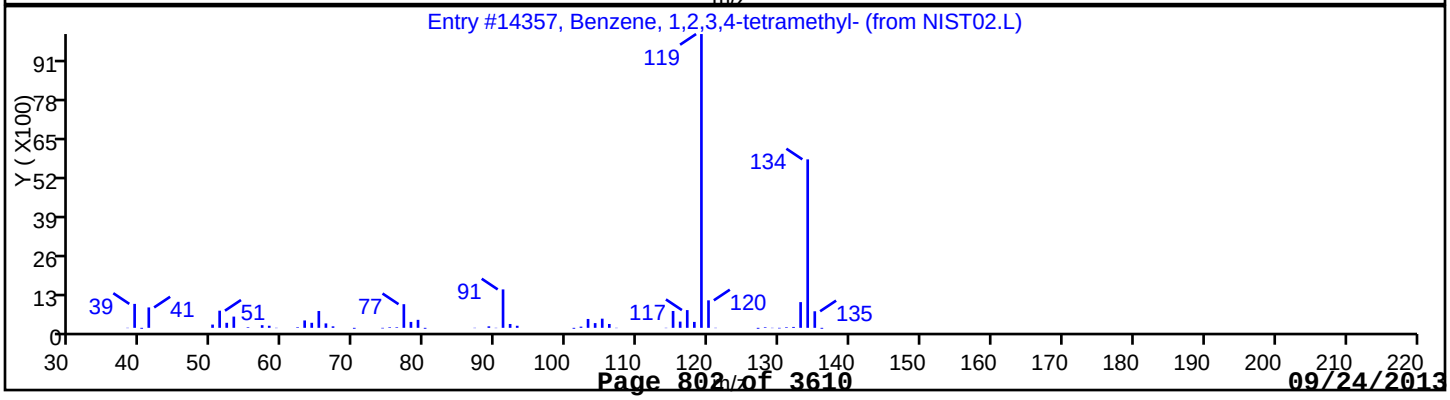
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	76089-59-3	NIST02.L	14434	81
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	76
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14357	74









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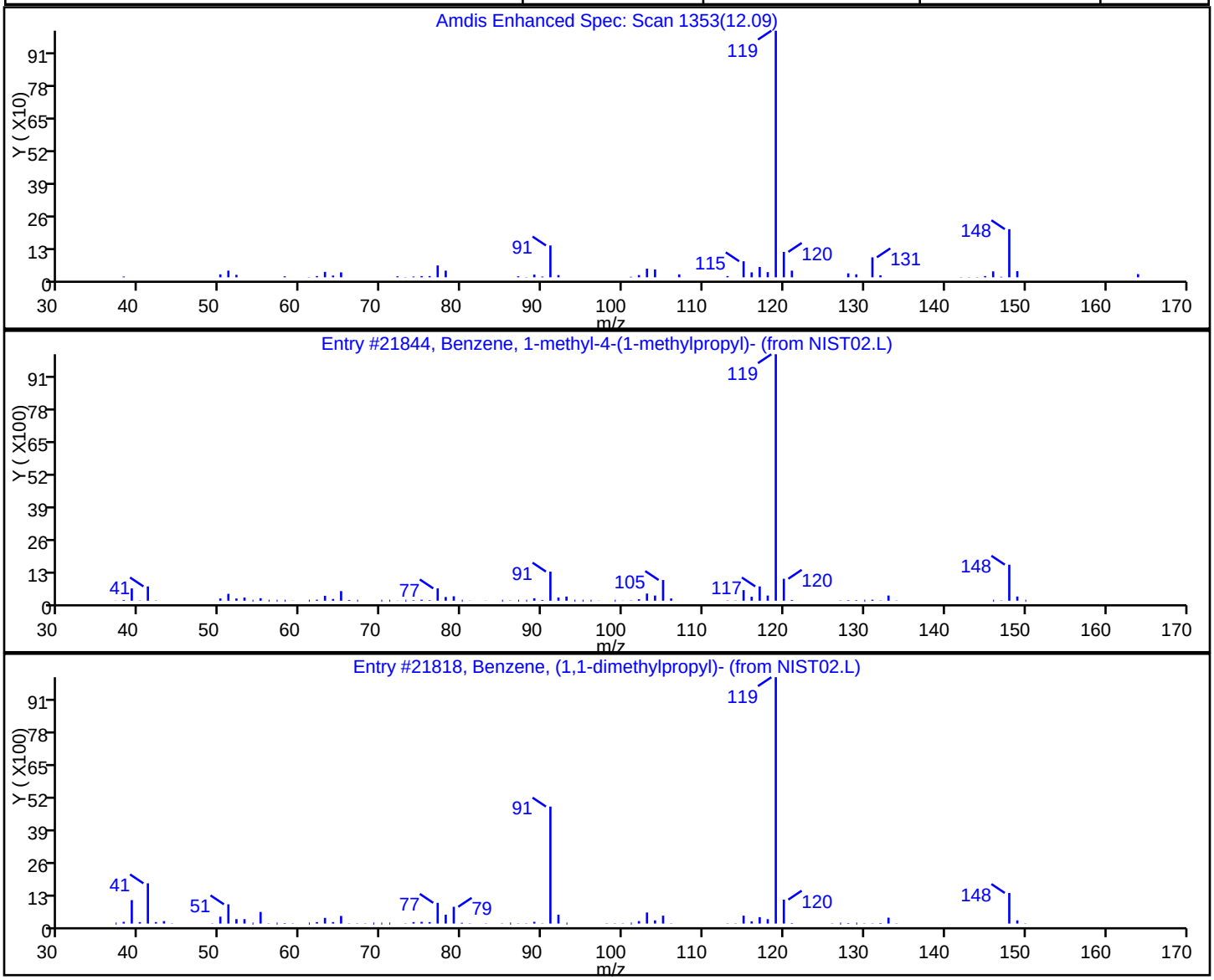
Injection Date: 19-Sep-2013 19:58:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-6SE-SI Instrument ID: CVOAMS2
Lims Batch ID: 182095 Lims Sample ID: 22
Operator ID: Purge Vol: 5.000 mL
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	87
Benzene, (1,1-dimethylpropyl)-	2049-95-8	NIST02.L	21818	78

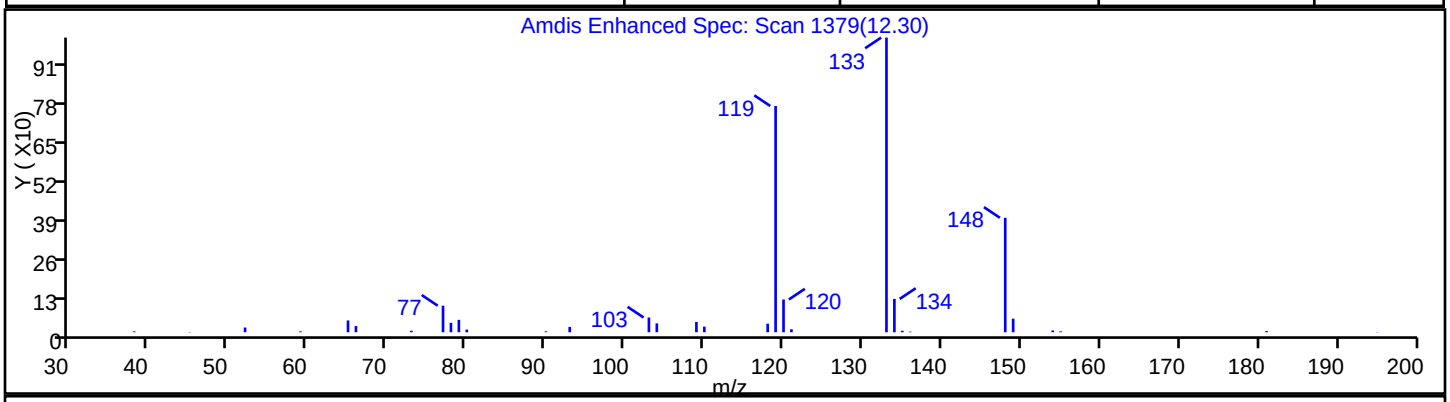


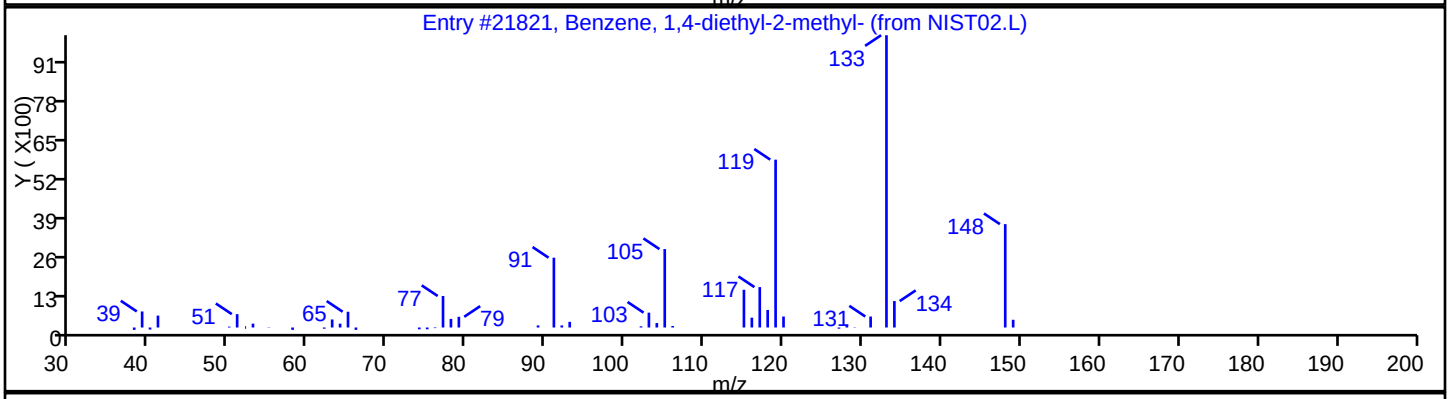
TestAmerica Edison

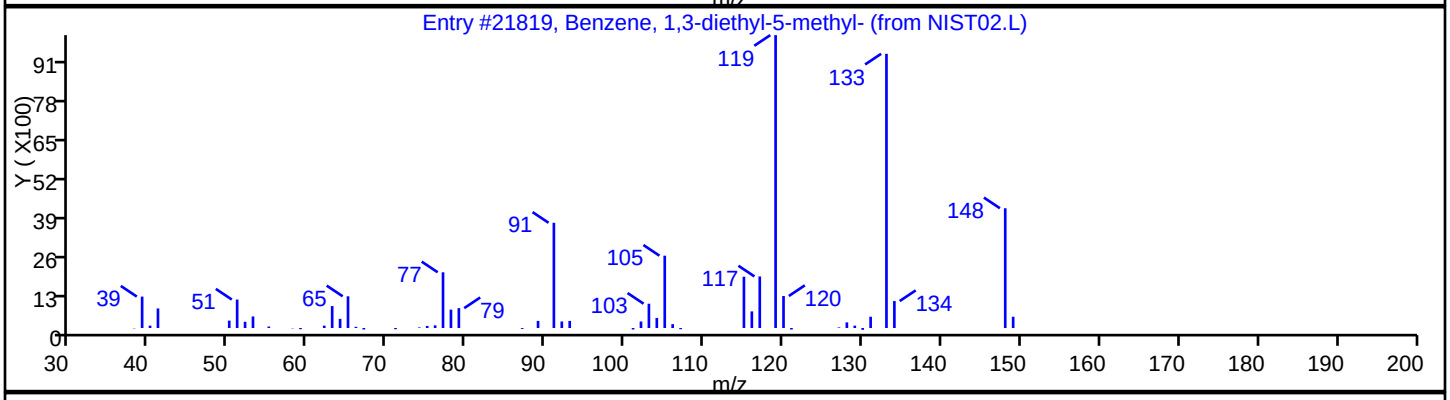
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D

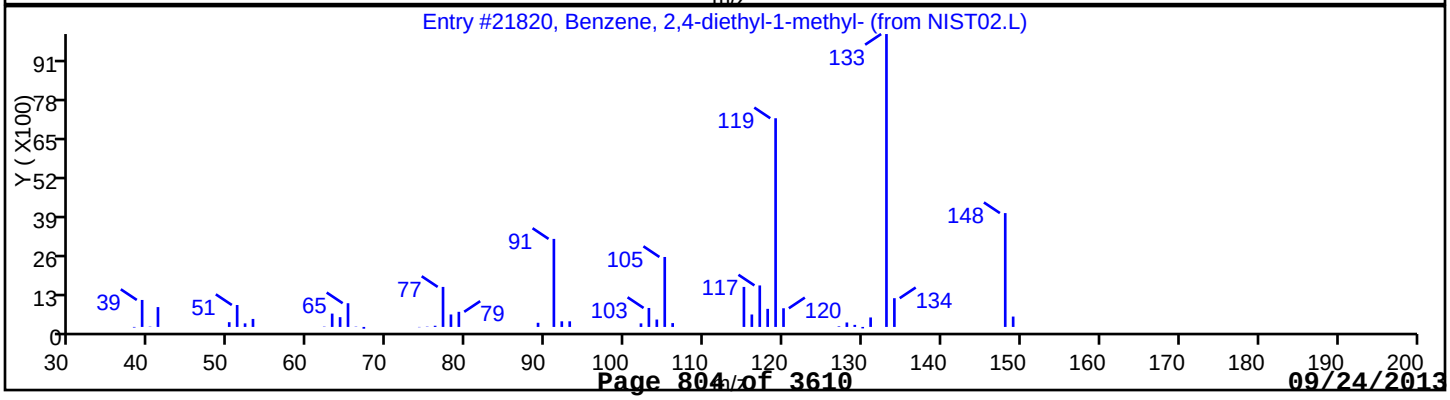
Injection Date:	19-Sep-2013 19:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1,4-diethyl-2-methyl-	13632-94-5	NIST02.L	21821	86
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.L	21819	78
Benzene, 2,4-diethyl-1-methyl-	1758-85-6	NIST02.L	21820	78









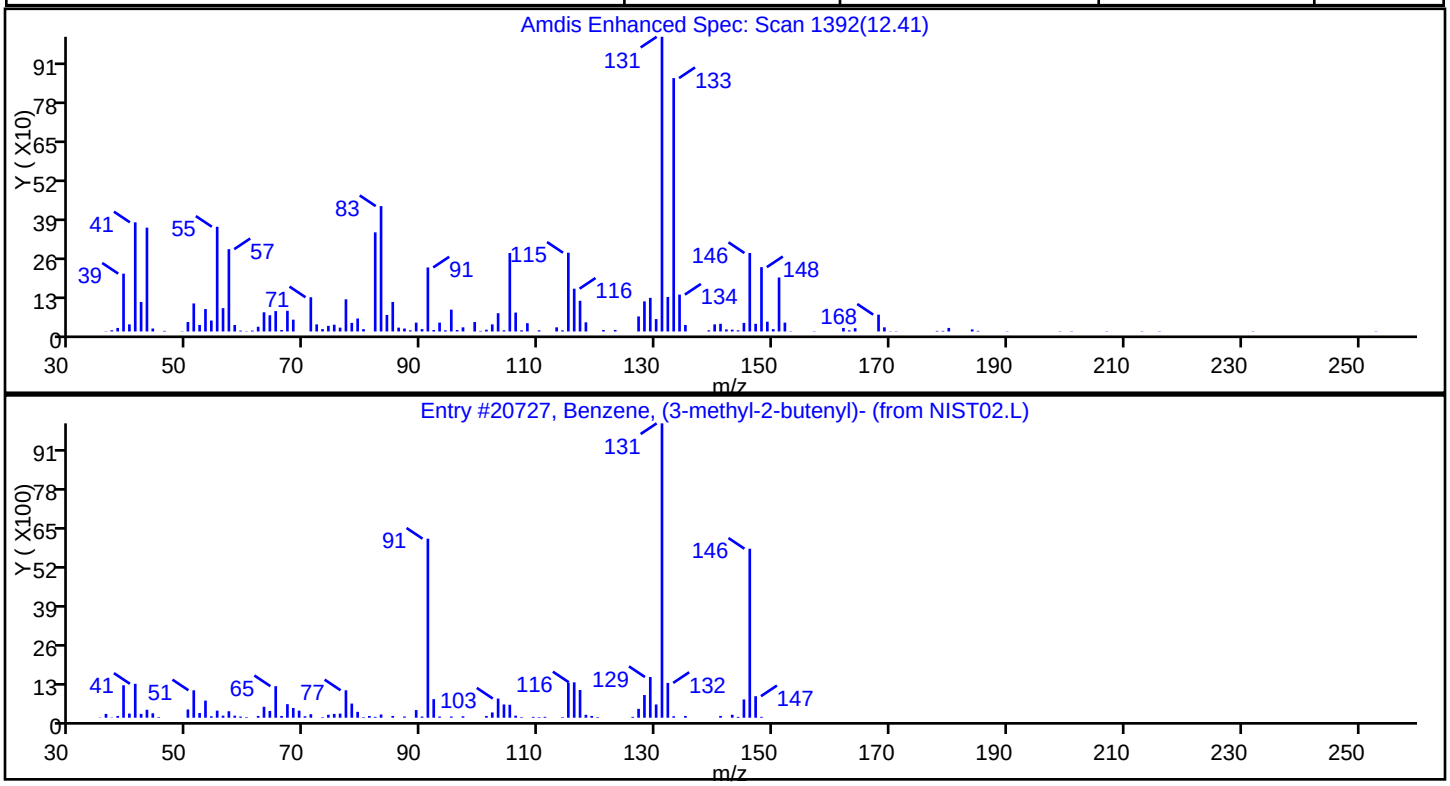
Report Date: 20-Sep-2013 17:38:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D

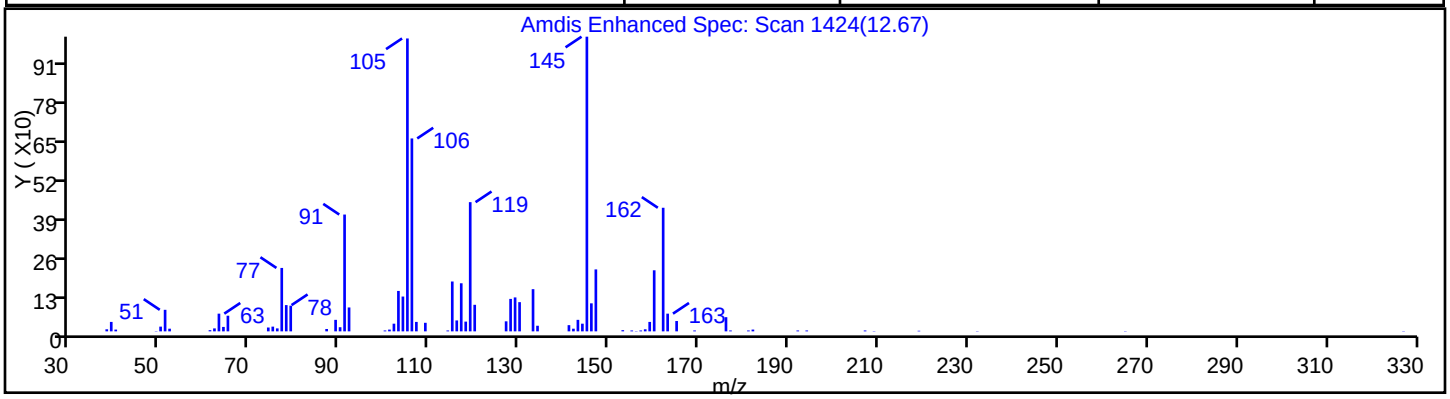
Injection Date:	19-Sep-2013 19:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-6SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

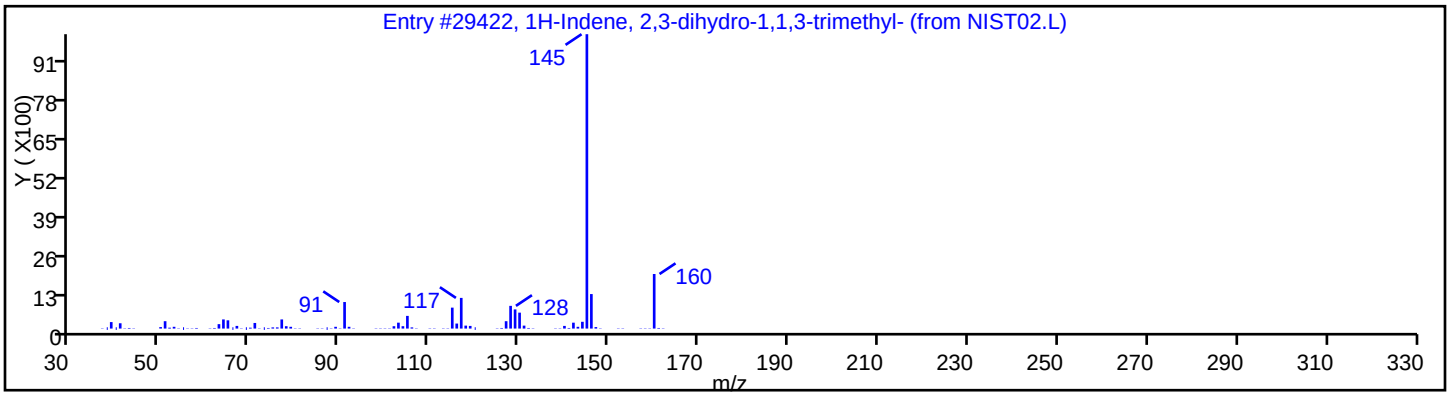
Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, (3-methyl-2-butenyl)-	4489-84-3	NIST02.L	20727	86



Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60688.D
Injection Date: 19-Sep-2013 19:58:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-6SE-SI Instrument ID: CVOAMS2
Lims Batch ID: 182095 Lims Sample ID: 22
Operator ID: Purge Vol: 5.000 mL
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown Aromatic		NIST02.L	0	0
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	2613-76-5	NIST02.L	29422	86





FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-VD | Lab Sample ID: 460-62993-4

Matrix: Solid | Lab File ID: O78103.D

Analysis Method: 8260B | Date Collected: 09/13/2013 08:35

Sample wt/vol: 4.988(g) | Date Analyzed: 09/20/2013 08:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.7 | Level: (low/med) Low

Analysis Batch No.: 182287 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.17	U	1.1	0.17
74-83-9	Bromomethane	0.45	U	1.1	0.45
75-01-4	Vinyl chloride	0.36	U	1.1	0.36
75-00-3	Chloroethane	0.35	U	1.1	0.35
75-09-2	Methylene Chloride	0.16	U	1.1	0.16
67-64-1	Acetone	1.8	U	5.3	1.8
75-15-0	Carbon disulfide	0.16	U	1.1	0.16
75-69-4	Trichlorofluoromethane	0.17	U	1.1	0.17
75-35-4	1,1-Dichloroethene	0.20	U	1.1	0.20
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.1	0.14
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
67-66-3	Chloroform	0.25	U	1.1	0.25
78-93-3	2-Butanone	0.66	U	5.3	0.66
107-06-2	1,2-Dichloroethane	0.19	U	1.1	0.19
71-55-6	1,1,1-Trichloroethane	0.14	U	1.1	0.14
56-23-5	Carbon tetrachloride	0.16	U	1.1	0.16
71-43-2	Benzene	0.16	U	1.1	0.16
75-25-2	Bromoform	0.18	U	1.1	0.18
100-42-5	Styrene	0.29	U	1.1	0.29
100-41-4	Ethylbenzene	0.18	U	1.1	0.18
108-90-7	Chlorobenzene	0.19	U	1.1	0.19
110-82-7	Cyclohexane	0.14	U	1.1	0.14
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
591-78-6	2-Hexanone	0.14	U	5.3	0.14
1634-04-4	MTBE	0.12	U	1.1	0.12
76-13-1	Freon TF	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.34	U	1.1	0.34
123-91-1	1,4-Dioxane	13	U	21	13
79-01-6	Trichloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.15	U	1.1	0.15
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
108-10-1	4-Methyl-2-pentanone	0.21	U	5.3	0.21
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	0.17	U	1.1	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-VD | Lab Sample ID: 460-62993-4

Matrix: Solid | Lab File ID: O78103.D

Analysis Method: 8260B | Date Collected: 09/13/2013 08:35

Sample wt/vol: 4.988(g) | Date Analyzed: 09/20/2013 08:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.7 | Level: (low/med) Low

Analysis Batch No.: 182287 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.53	J	1.1	0.12
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1.1	0.20
87-61-6	1,2,3-Trichlorobenzene	0.17	U	1.1	0.17
78-87-5	1,2-Dichloropropane	0.16	U	1.1	0.16
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
127-18-4	Tetrachloroethene	0.13	U	1.1	0.13
1330-20-7	Xylenes, Total	0.70	U	3.2	0.70
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1.1	0.46
79-34-5	1,1,2,2-Tetrachloroethane	0.095	U	1.1	0.095
79-00-5	1,1,2-Trichloroethane	0.15	U	1.1	0.15
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
106-93-4	1,2-Dibromoethane	0.16	U	1.1	0.16
75-71-8	Dichlorodifluoromethane	0.23	U	1.1	0.23
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.34	U	1.1	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	122		70-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
460-00-4	Bromofluorobenzene	98		70-130
1868-53-7	Dibromofluoromethane (Surr)	106		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-VD Lab Sample ID: 460-62993-4

Matrix: Solid Lab File ID: O78103.D

Analysis Method: 8260B Date Collected: 09/13/2013 08:35

Sample wt/vol: 4.988(g) Date Analyzed: 09/20/2013 08:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.7 Level: (low/med) Low

Analysis Batch No.: 182287 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78103.D		
Lims ID:	460-62993-A-4-A	Client ID:	PMP-5SE-VD
Inject. Date:	20-Sep-2013 08:40:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-4-A		
Misc. Info.:	460-0004833-009		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	8
Lims Batch ID:	182287	Lims Sample ID:	9
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\8260S_12.m		
Last Update:	20-Sep-2013 10:28:27	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK016		
First Level Reviewer: delpolitov		Date:	20-Sep-2013 10:28:27

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	1.904	1.904	0.0	91	329415	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	96	117368	52.9	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.366	3.359	0.007	87	119034	60.8	
* 59 Fluorobenzene	96	3.659	3.659	0.0	100	481044	50.0	
* 150 1,4-Dioxane-d8	96	4.354	4.347	0.007	84	27625	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	513541	53.1	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	482691	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	93	184543	48.8	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	275589	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	51	4792	0.5007	

Report Date: 20-Sep-2013 10:28:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78103.D

Injection Date:	20-Sep-2013 08:40:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	9
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:

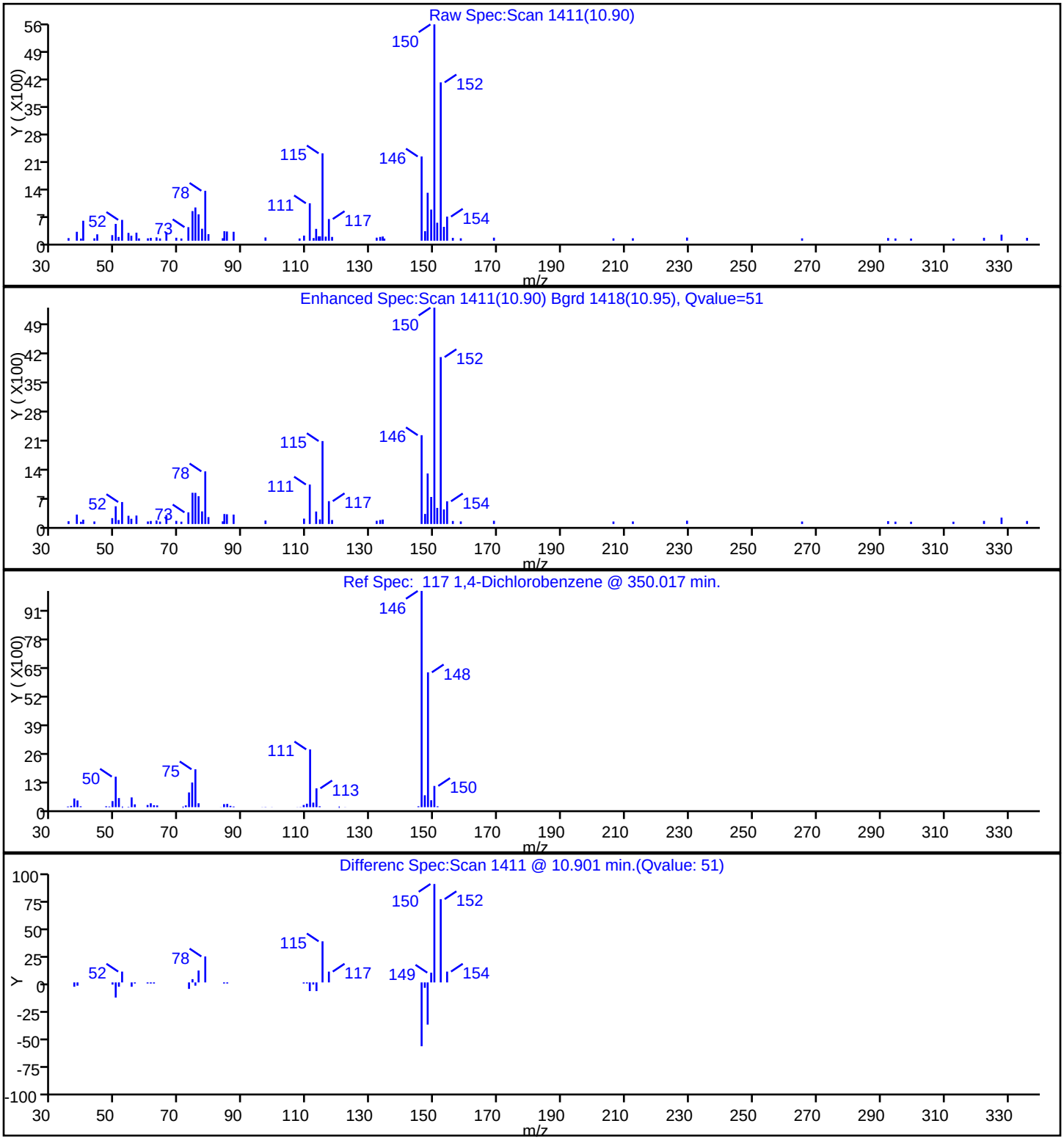
Report Date: 20-Sep-2013 10:28:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78103.D

Injection Date:	20-Sep-2013 08:40:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	9
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

117 1,4-Dichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-WT | Lab Sample ID: 460-62993-5

Matrix: Solid | Lab File ID: B60686.D

Analysis Method: 8260B | Date Collected: 09/13/2013 08:40

Sample wt/vol: 5.868(g) | Date Analyzed: 09/19/2013 19:14

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.8 | Level: (low/med) Medium

Analysis Batch No.: 182095 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	9.1	U	94	9.1
74-83-9	Bromomethane	17	U	94	17
75-01-4	Vinyl chloride	14	U	94	14
75-00-3	Chloroethane	16	U	94	16
75-09-2	Methylene Chloride	17	U	94	17
67-64-1	Acetone	250	U	470	250
75-15-0	Carbon disulfide	12	U	94	12
75-69-4	Trichlorofluoromethane	14	U	94	14
75-35-4	1,1-Dichloroethene	8.3	U	94	8.3
75-34-3	1,1-Dichloroethane	12	U	94	12
156-60-5	trans-1,2-Dichloroethene	12	U	94	12
156-59-2	cis-1,2-Dichloroethene	17	U	94	17
67-66-3	Chloroform	7.4	U	94	7.4
78-93-3	2-Butanone	220	U	470	220
107-06-2	1,2-Dichloroethane	18	U	94	18
71-55-6	1,1,1-Trichloroethane	5.9	U	94	5.9
56-23-5	Carbon tetrachloride	5.4	U	94	5.4
71-43-2	Benzene	7.8	U	94	7.8
75-25-2	Bromoform	18	U	94	18
100-42-5	Styrene	11	U	94	11
100-41-4	Ethylbenzene	9.0	U	94	9.0
108-90-7	Chlorobenzene	47	J	94	10
110-82-7	Cyclohexane	15	U	94	15
98-82-8	Isopropylbenzene	70	J	94	7.2
591-78-6	2-Hexanone	47	U	470	47
1634-04-4	MTBE	13	U	94	13
76-13-1	Freon TF	7.7	U	94	7.7
79-20-9	Methyl acetate	32	U	470	32
123-91-1	1,4-Dioxane	3400	U	4700	3400
79-01-6	Trichloroethene	8.7	U	94	8.7
108-88-3	Toluene	38	J	94	14
10061-02-6	trans-1,3-Dichloropropene	23	U	94	23
108-10-1	4-Methyl-2-pentanone	93	U	470	93
10061-01-5	cis-1,3-Dichloropropene	17	U	94	17
95-50-1	1,2-Dichlorobenzene	920		94	19
541-73-1	1,3-Dichlorobenzene	580		94	13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-WT | Lab Sample ID: 460-62993-5

Matrix: Solid | Lab File ID: B60686.D

Analysis Method: 8260B | Date Collected: 09/13/2013 08:40

Sample wt/vol: 5.868(g) | Date Analyzed: 09/19/2013 19:14

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.8 | Level: (low/med) Medium

Analysis Batch No.: 182095 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2500		94	22
120-82-1	1,2,4-Trichlorobenzene	1200		94	32
87-61-6	1,2,3-Trichlorobenzene	1500		94	48
78-87-5	1,2-Dichloropropane	8.1	U	94	8.1
108-87-2	Methylcyclohexane	52	J *	94	13
127-18-4	Tetrachloroethene	18	J	94	9.2
1330-20-7	Xylenes, Total	1300		280	34
96-12-8	1,2-Dibromo-3-Chloropropane	38	U *	94	38
79-34-5	1,1,2,2-Tetrachloroethane	15	U	94	15
79-00-5	1,1,2-Trichloroethane	18	U	94	18
124-48-1	Dibromochloromethane	19	U	94	19
106-93-4	1,2-Dibromoethane	26	U	94	26
75-71-8	Dichlorodifluoromethane	20	U	94	20
74-97-5	Bromochloromethane	26	U	94	26
75-27-4	Bromodichloromethane	12	U	94	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		75-135
2037-26-5	Toluene-d8 (Surr)	86		59-150
460-00-4	Bromofluorobenzene	95		72-133
1868-53-7	Dibromofluoromethane (Surr)	94		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-WT Lab Sample ID: 460-62993-5

Matrix: Solid Lab File ID: B60686.D

Analysis Method: 8260B Date Collected: 09/13/2013 08:40

Sample wt/vol: 5.868(g) Date Analyzed: 09/19/2013 19:14

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.8 Level: (low/med) Medium

Analysis Batch No.: 182095 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 50900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1678-92-8	Cyclohexane, propyl-	9.54	4800	J N
17301-94-9	Nonane, 4-methyl-	9.74	2600	J N
611-14-3	Benzene, 1-ethyl-2-methyl-	10.39	3500	J N
526-73-8	Benzene, 1,2,3-trimethyl-	10.85	19000	J N
1587-04-8	Benzene, 1-methyl-2-(2-propenyl)-	11.46	2900	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.55	2600	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.71	3500	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.03	4900	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	12.13	3800	J N
17059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethyl-	12.41	3300	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D
Lims ID: 460-62993-C-5-A
Client ID: PMP-5SE-WT
Inject. Date: 19-Sep-2013 19:14:30
Dil. Factor: 50.0000
Sample Type: Client
Sample ID: 460-62993-C-5-A
Misc. Info.: 460-0004800-020
Operator:
Instrument ID: CVOAMS2
Purge Vol: 5.000 mL
ALS Bottle#: 19
Lims Batch ID: 182095
Lims Sample ID: 20
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\8260W_2.m
Last Update: 20-Sep-2013 17:26:03
Calib Date: 18-Sep-2013 04:57:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS2\20130918-4744.b\B60605.D
Limit Group: VOA - 8260B Water and Solid
Integrator: RTE
ID Type: Deconvolution ID
Column Type: Rtx-624
Column Dia: 0.25 mm
Process Host: XAWRK024

First Level Reviewer: baronm
Date: 20-Sep-2013 17:27:22

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	2.822	2.797	0.025	56	320013	1000.0	
$ 57 Dibromofluoromethane (Surr)	113	4.492	4.484	0.008	97	190981	47.1	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.887	0.0	96	293269	48.7	
* 58 Fluorobenzene	96	5.217	5.208	0.009	97	649552	50.0	
62 Methylcyclohexane	83	5.776	5.768	0.008	54	1554	0.5466	
* 65 1,4-Dioxane-d8	96	6.072	6.064	0.008	88	39045	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.208	7.200	0.008	97	598248	43.2	
77 Toluene	91	7.290	7.282	0.008	83	6193	0.4022	
81 Tetrachloroethene	166	7.867	7.858	0.009	37	762	0.1869	
* 87 Chlorobenzene-d5	117	8.772	8.763	0.009	88	555005	50.0	
88 Chlorobenzene	112	8.797	8.788	0.008	26	5381	0.4970	
91 m-Xylene & p-Xylene	106	8.994	8.994	0.0	98	23525	3.65	
92 o-Xylene	106	9.364	9.356	0.008	90	66767	10.6	
96 Isopropylbenzene	105	9.685	9.677	0.008	50	12069	0.7371	
$ 97 4-Bromofluorobenzene	174	9.858	9.858	0.0	90	259073	47.5	
113 1,3-Dichlorobenzene	146	10.755	10.755	0.0	72	53213	6.15	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	90	320945	50.0	
116 1,4-Dichlorobenzene	146	10.837	10.829	0.008	93	251246	26.9	
122 1,2-Dichlorobenzene	146	11.134	11.134	0.0	84	87938	9.76	
127 1,2,4-Trichlorobenzene	180	12.368	12.368	0.0	58	58780	12.3	
131 1,2,3-Trichlorobenzene	180	12.788	12.788	0.0	78	52322	15.4	
S 134 Xylenes, Total	100				0		14.2	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D		
Lims ID:	460-62993-C-5-A	Client ID:	PMP-5SE-WT
Inject. Date:	19-Sep-2013 19:14:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62993-C-5-A		
Misc. Info.:	460-0004800-020		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	19
Lims Batch ID:	182095	Lims Sample ID:	20
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\8260W_2.m		
Last Update:	20-Sep-2013 17:26:03	Calib Date:	18-Sep-2013 04:57:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	80		
Process Host:	XAWRK024		
First Level Reviewer: baronm		Date:	20-Sep-2013 17:27:22

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	1678-92-8 Cyclohexane, propyl-					
9.537	2001659	51.3	87	80	11171	
	17301-94-9 Nonane, 4-methyl-					
9.743	1073237	27.5	87	87	18434	
	611-14-3 Benzene, 1-ethyl-2-methyl-					
10.385	5809929	36.9	115	93	9130	
	526-73-8 Benzene, 1,2,3-trimethyl-					
10.854	7879594	202.0	87	94	9113	
	1587-04-8 Benzene, 1-methyl-2-(2-propenyl)-					
11.455	4829307	30.6	115	86	13621	
	2958-76-1 Naphthalene, decahydro-2-methyl-					
11.545	4285510	27.2	115	97	24328	
	95-93-2 Benzene, 1,2,4,5-tetramethyl-					
11.710	5790245	36.7	115	94	14361	
	95-93-2 Benzene, 1,2,4,5-tetramethyl-					
12.031	8179332	51.9	115	81	14355	
	1595-16-0 Benzene, 1-methyl-4-(1-methylpropyl)-					
12.130	6312026	40.1	115	87	21844	
	17059-48-2 1H-Indene, 2,3-dihydro-1,6-dimethyl-					
12.409	5499454	34.9	115	93	20743	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 87 Chlorobenzene-d5	8.772	1950144	50.0
* 115 1,4-Dichlorobenzene-d4	10.854	7879594	50.0

QC Flag Legend

Processing Flags

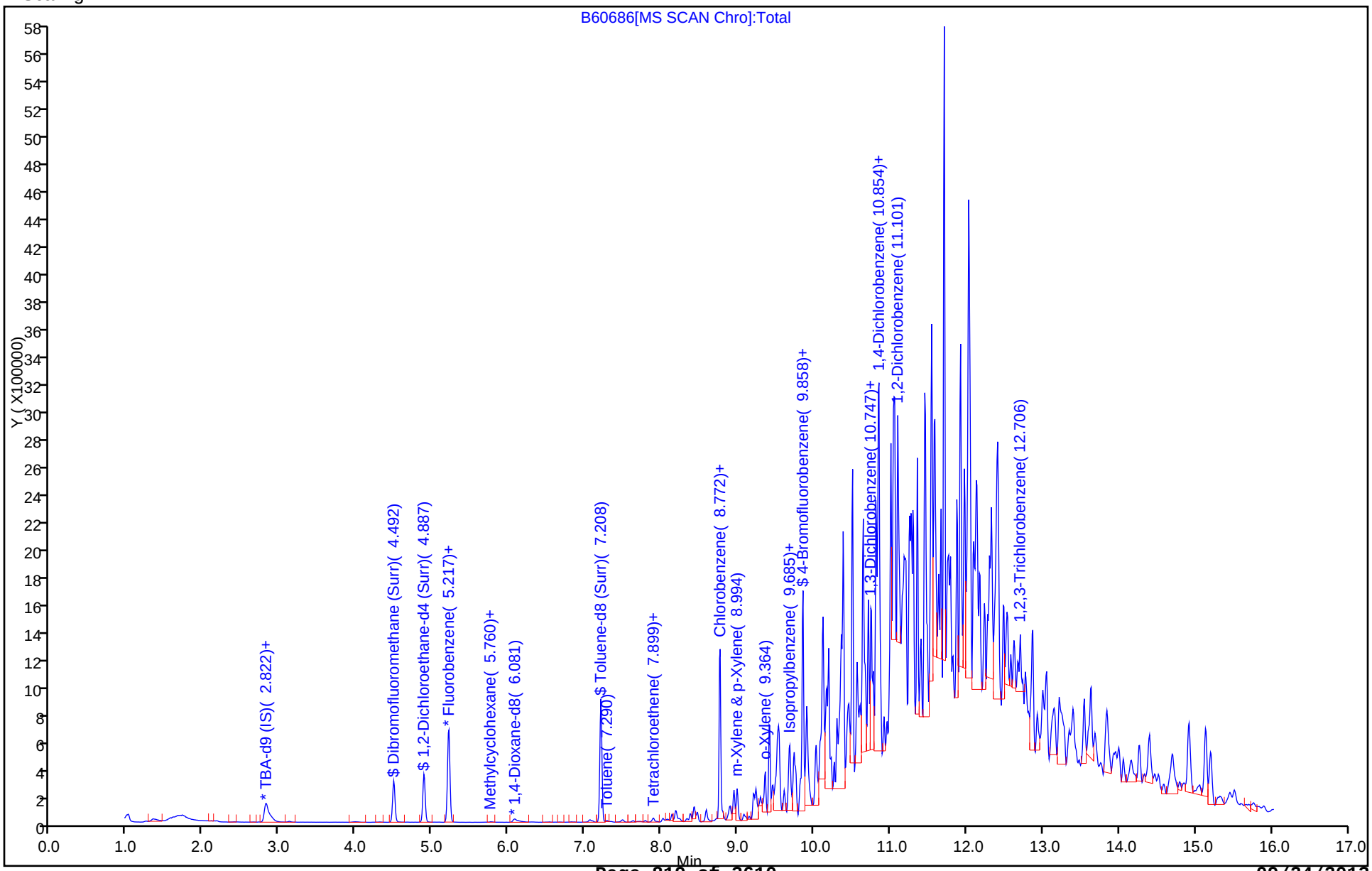
Report Date: 20-Sep-2013 17:27:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D

Injection Date:	19-Sep-2013 19:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



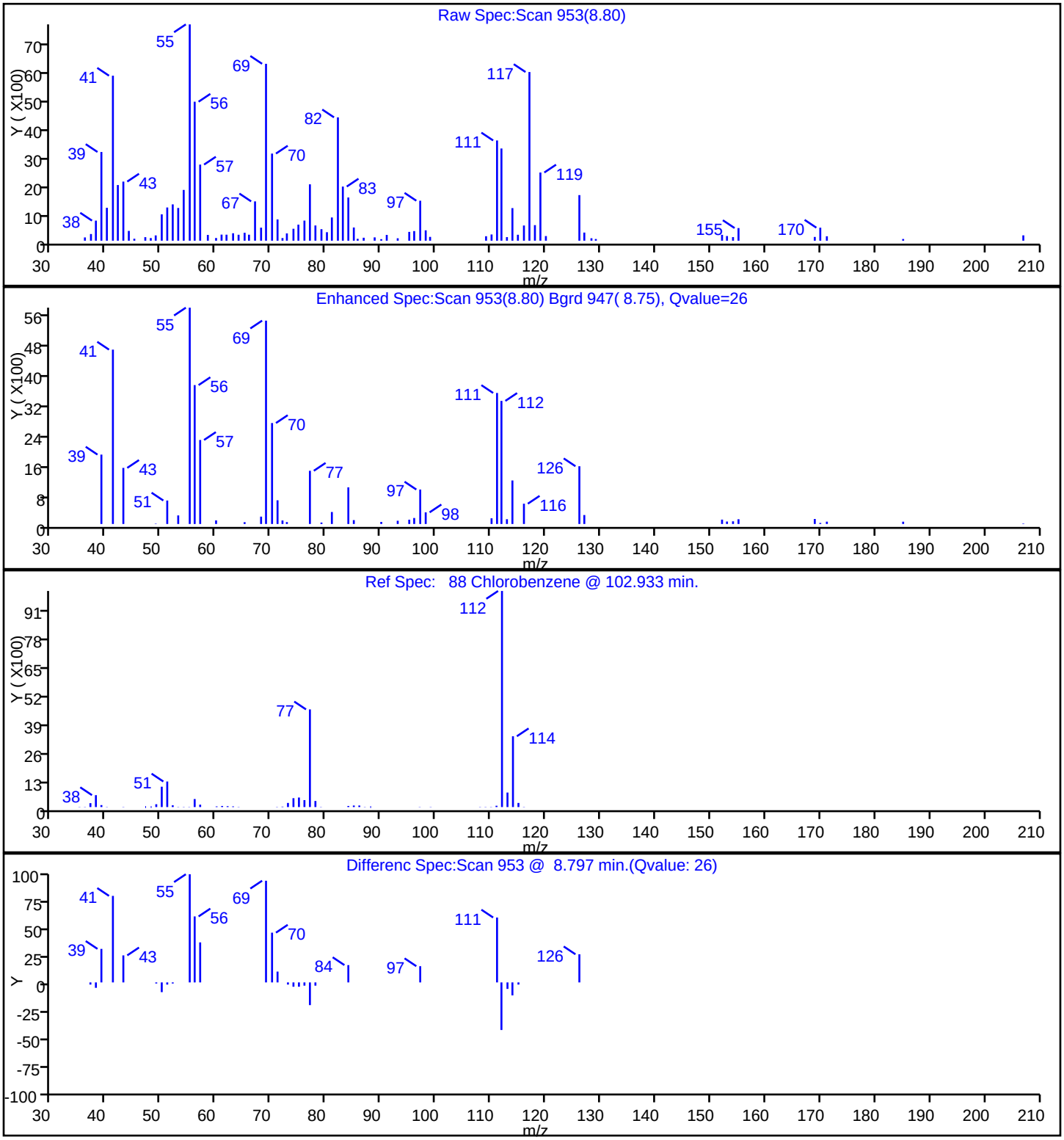
Report Date: 20-Sep-2013 17:27:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D

Injection Date:	19-Sep-2013 19:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

88 Chlorobenzene



TestAmerica Edison

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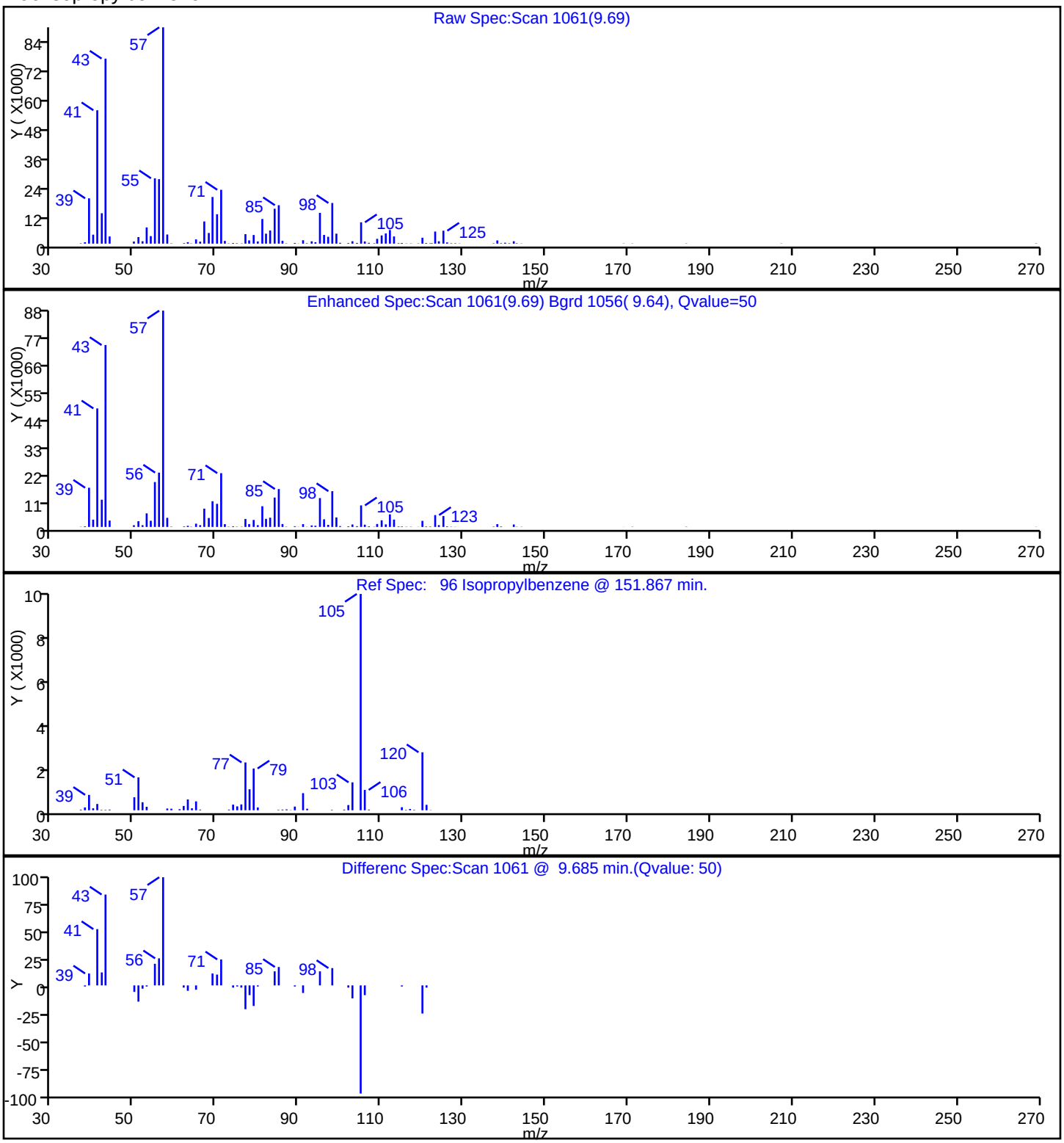
Injection Date:	19-Sep-2013 19:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

96 Isopropylbenzene



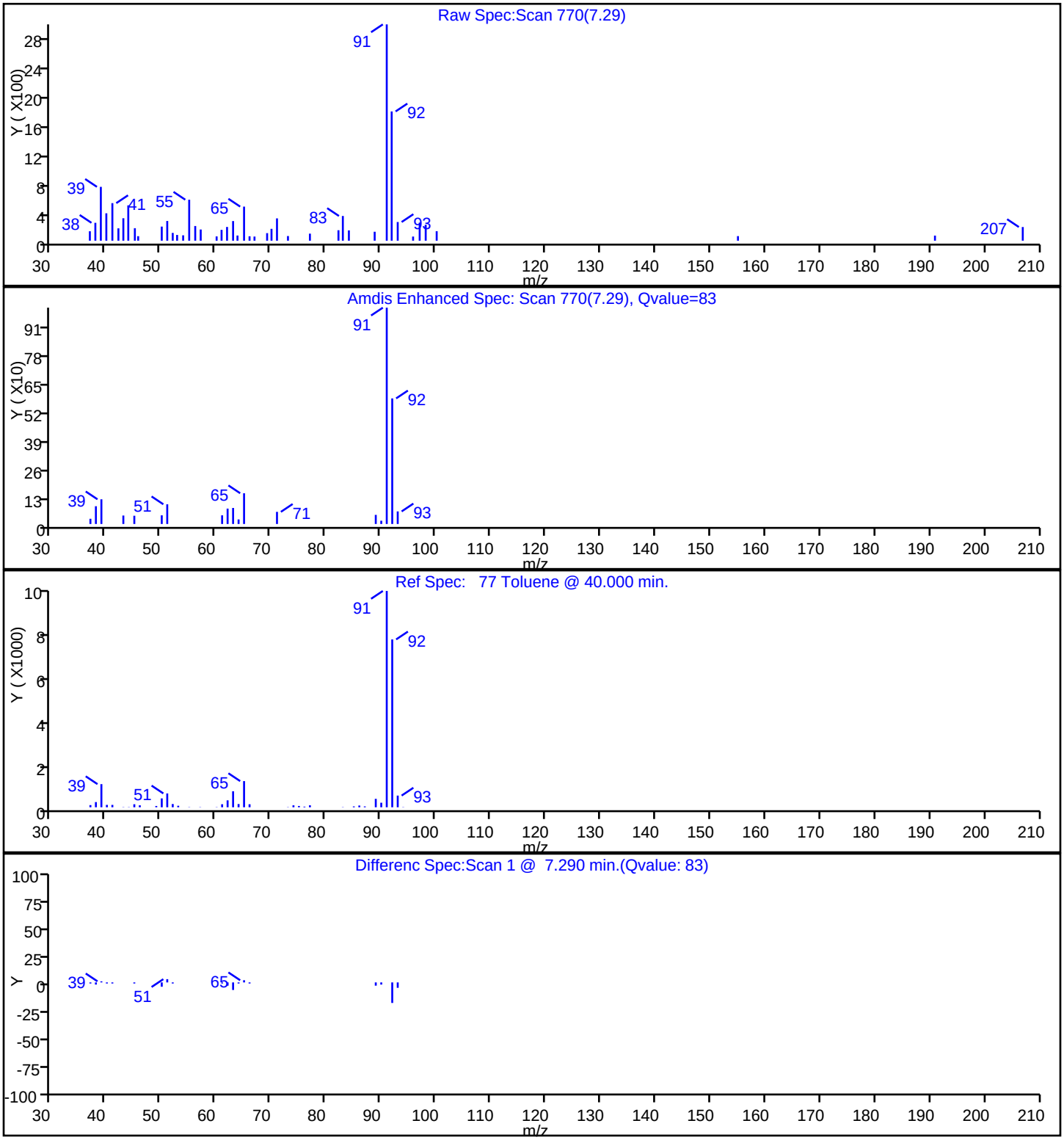
Report Date: 20-Sep-2013 17:27:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D

Injection Date:	19-Sep-2013 19:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

77 Toluene



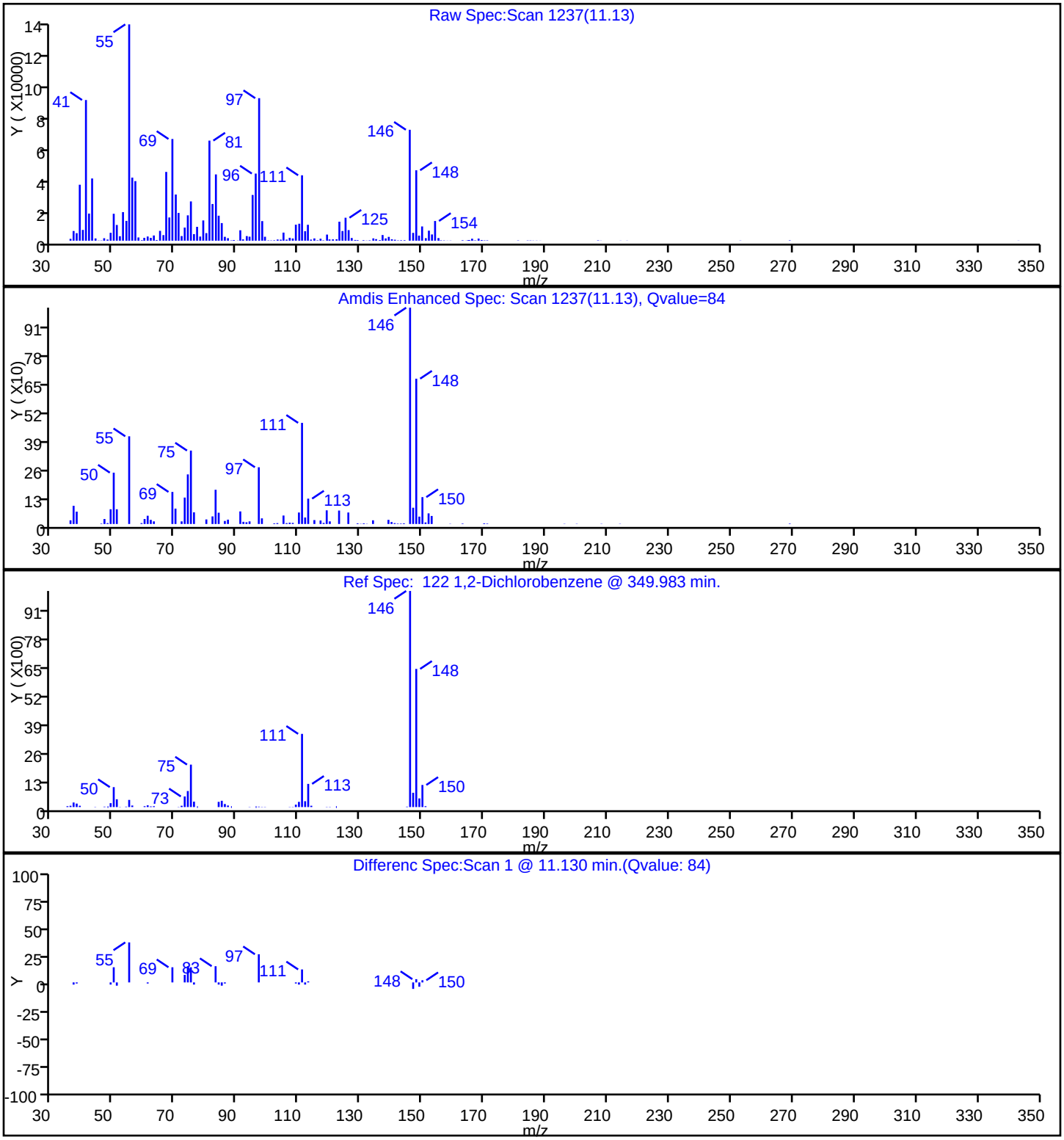
Report Date: 20-Sep-2013 17:27:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D

Injection Date:	19-Sep-2013 19:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

122 1,2-Dichlorobenzene



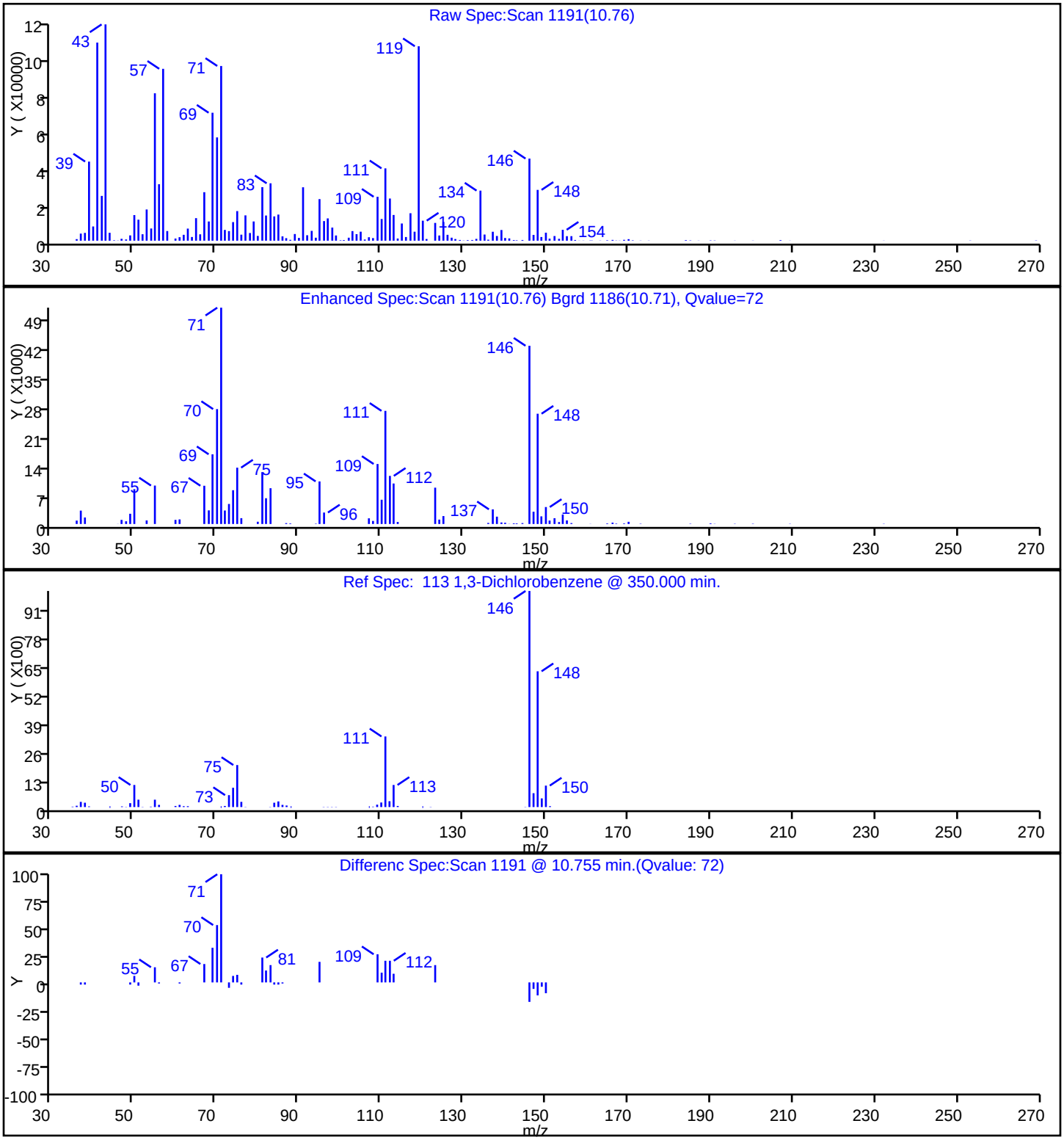
Report Date: 20-Sep-2013 17:27:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D

Injection Date:	19-Sep-2013 19:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

113 1,3-Dichlorobenzene



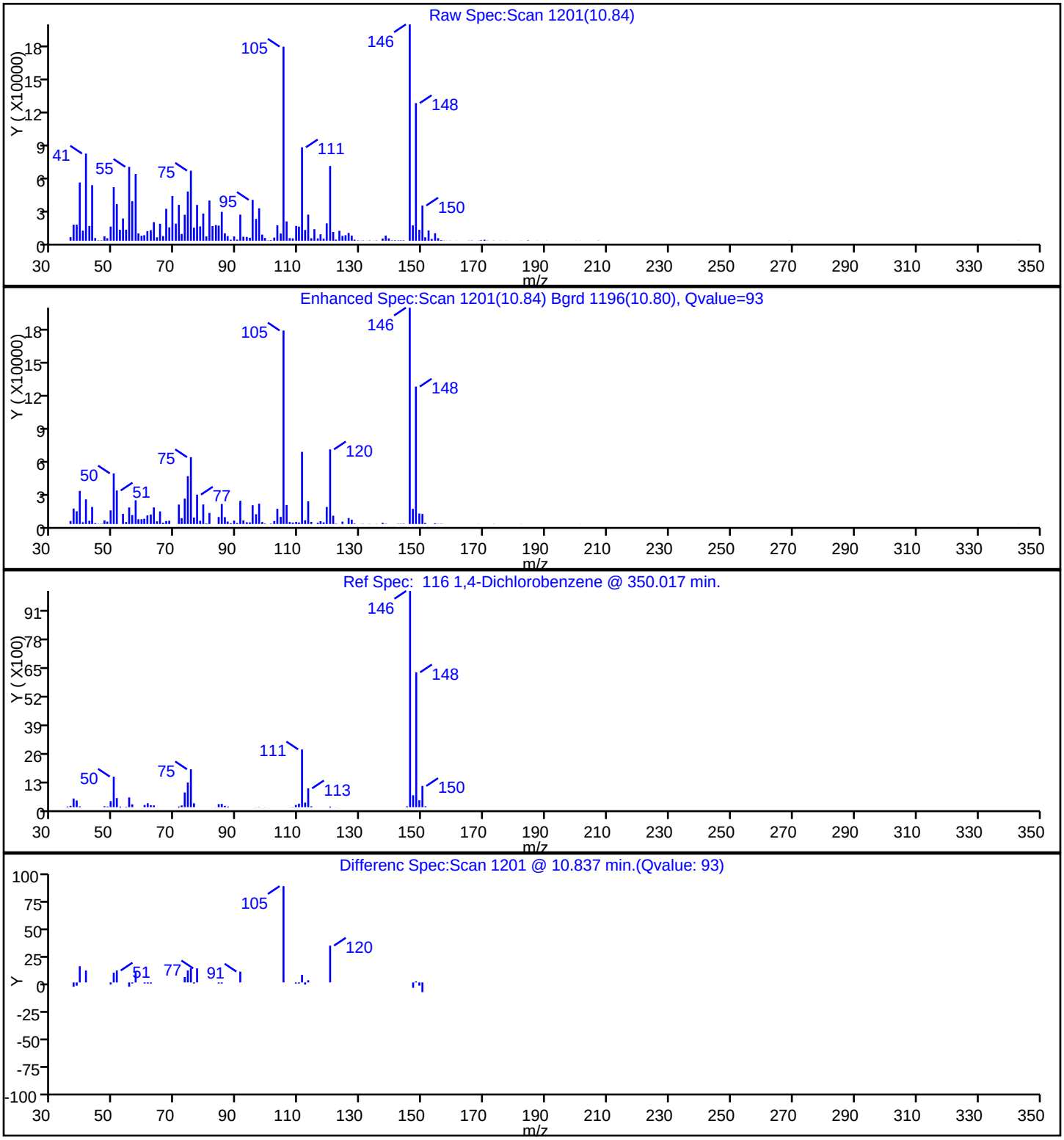
Report Date: 20-Sep-2013 17:27:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D

Injection Date:	19-Sep-2013 19:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

116 1,4-Dichlorobenzene



Report Date: 20-Sep-2013 17:27:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

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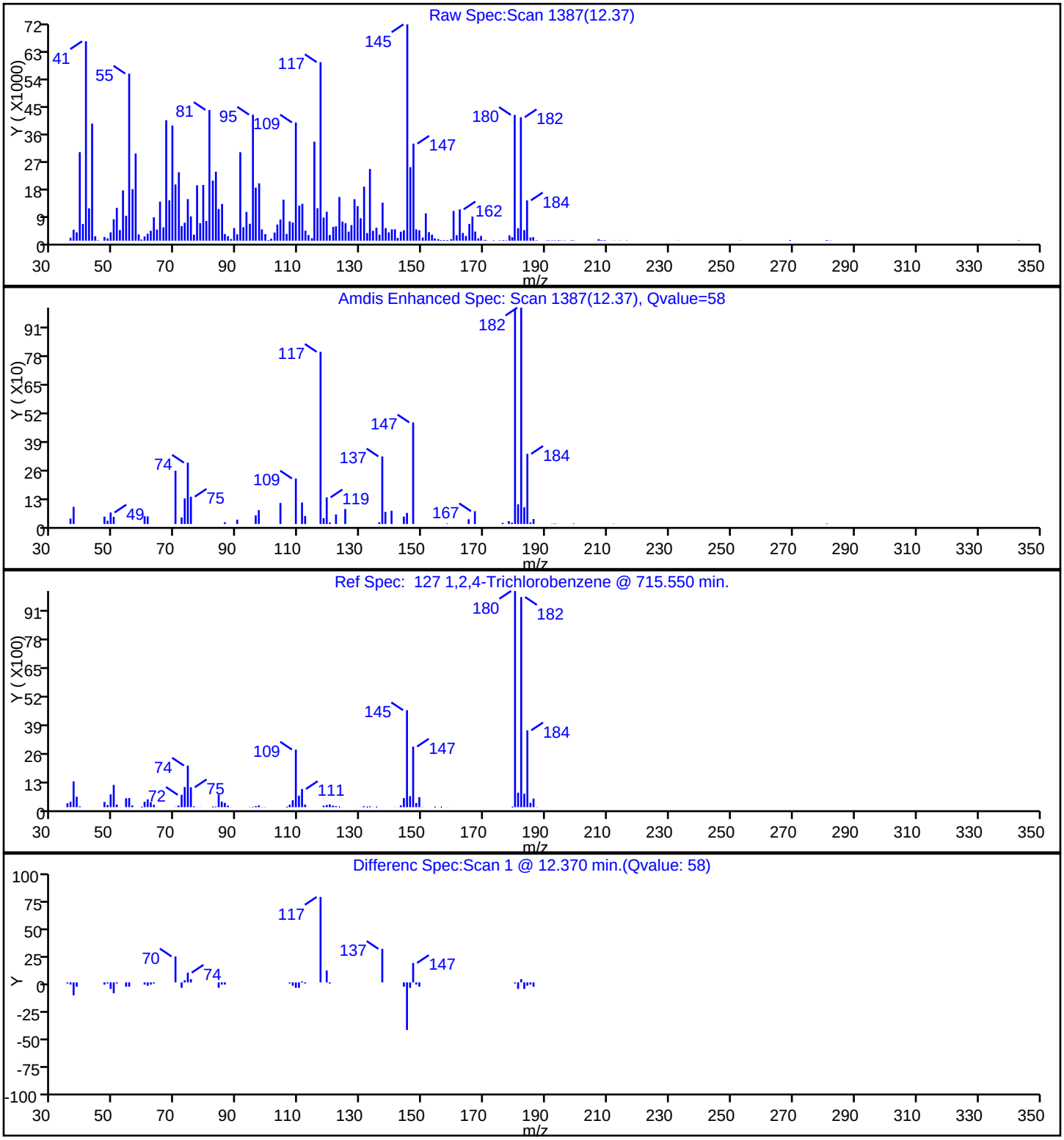
Injection Date:	19-Sep-2013 19:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

127 1,2,4-Trichlorobenzene



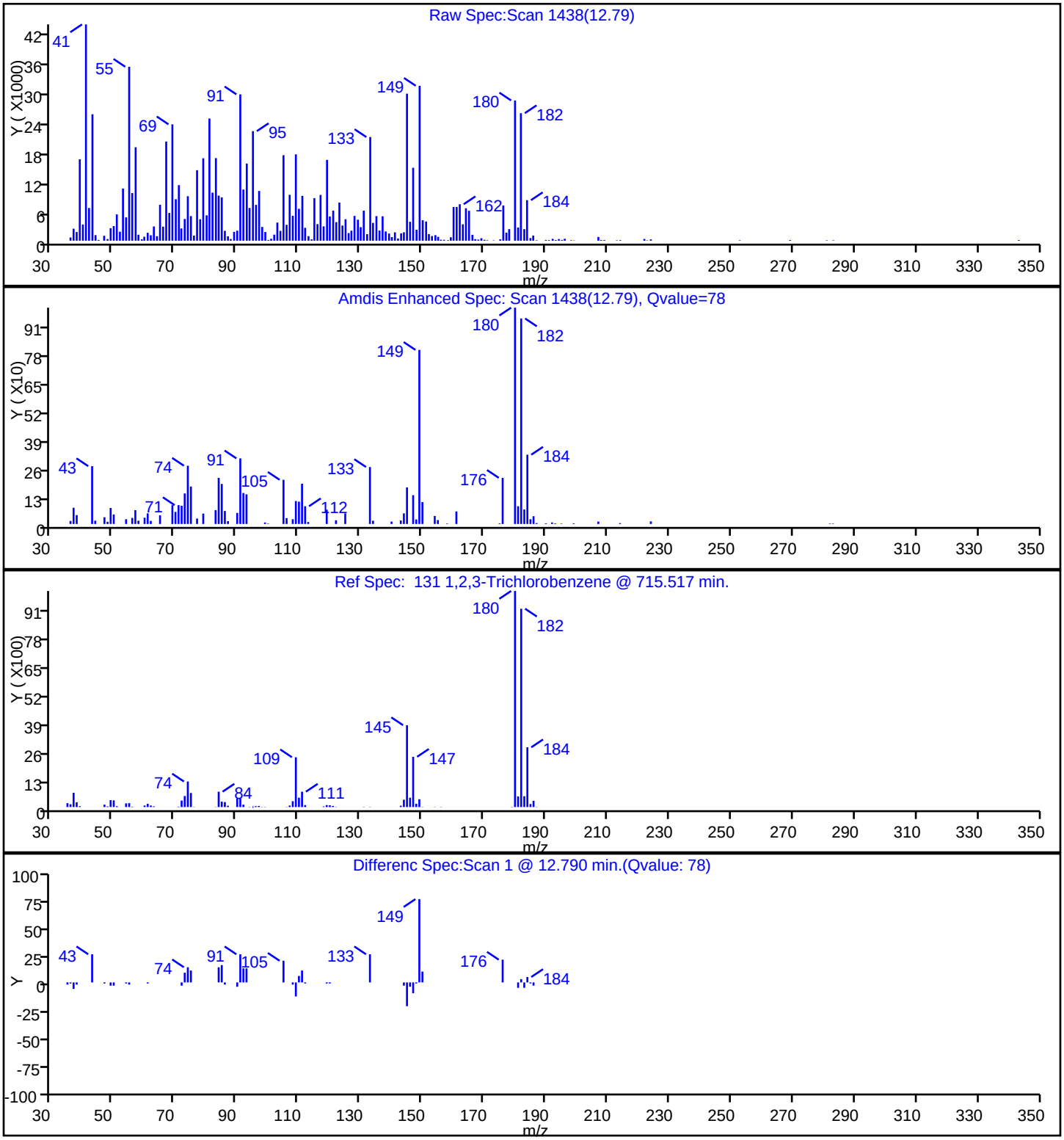
Report Date: 20-Sep-2013 17:27:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D

Injection Date:	19-Sep-2013 19:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

131 1,2,3-Trichlorobenzene



TestAmerica Edison

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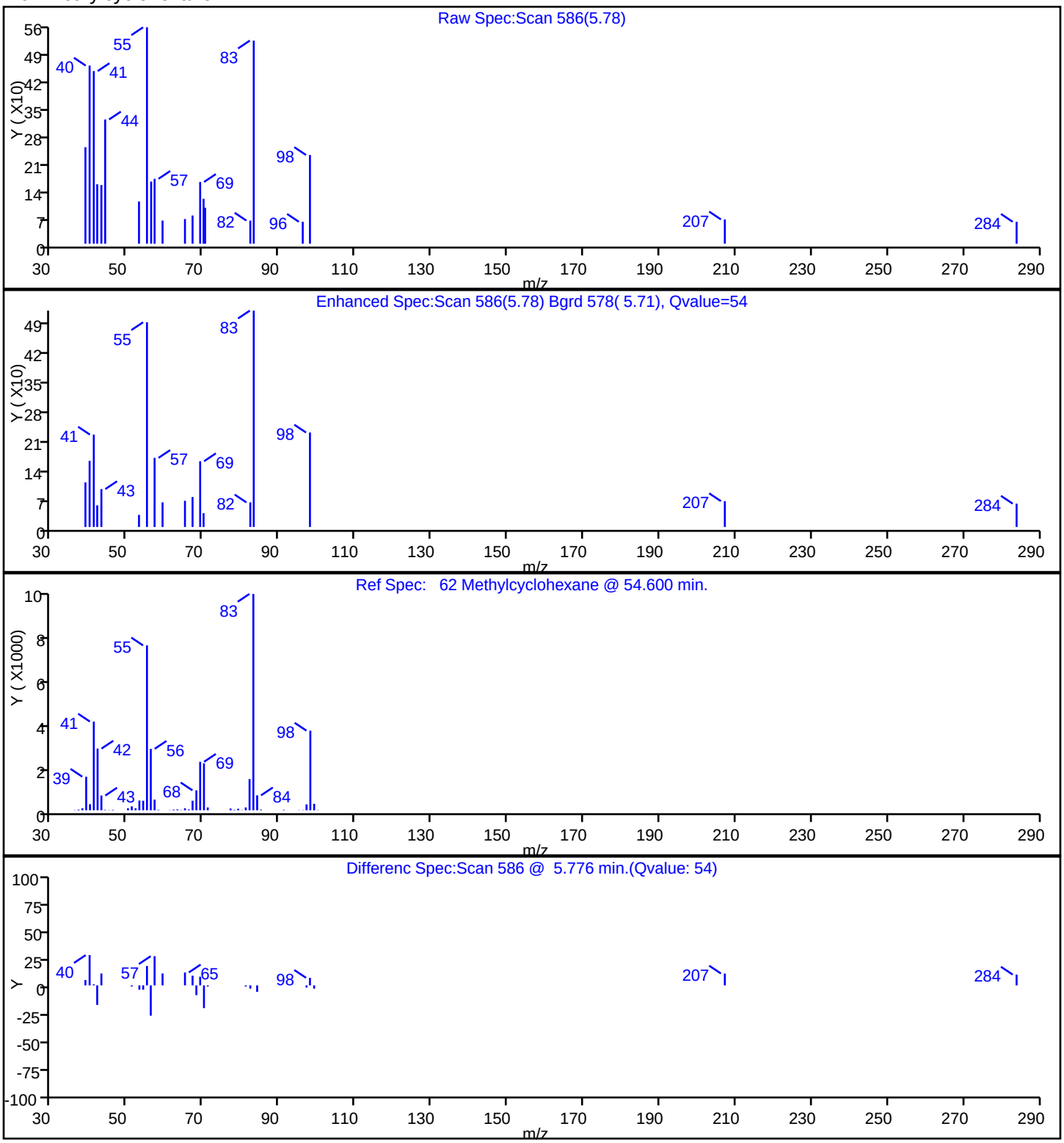
Client ID:	PMP-5SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

62 Methylcyclohexane



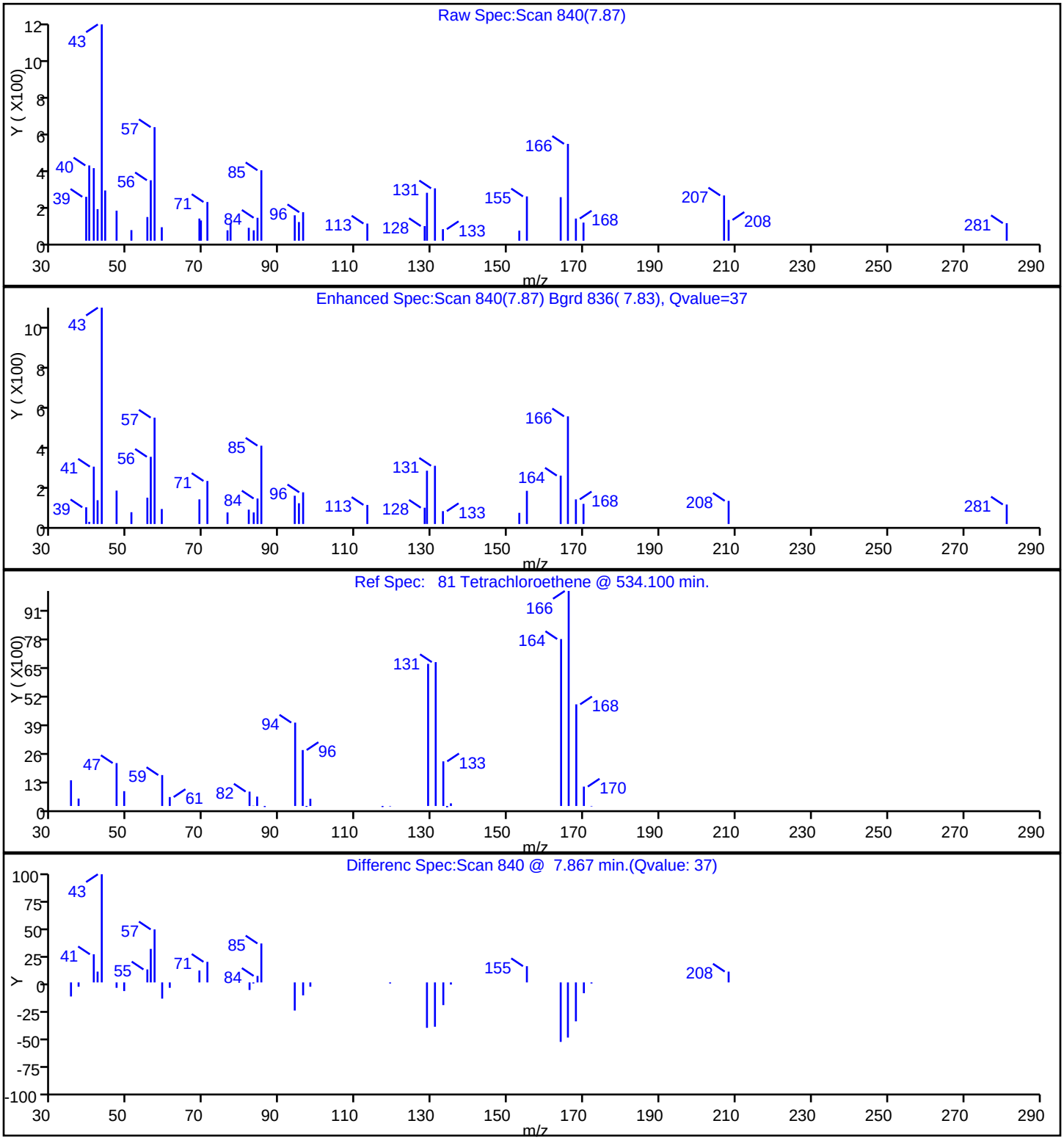
Report Date: 20-Sep-2013 17:27:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D

Injection Date:	19-Sep-2013 19:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

81 Tetrachloroethene



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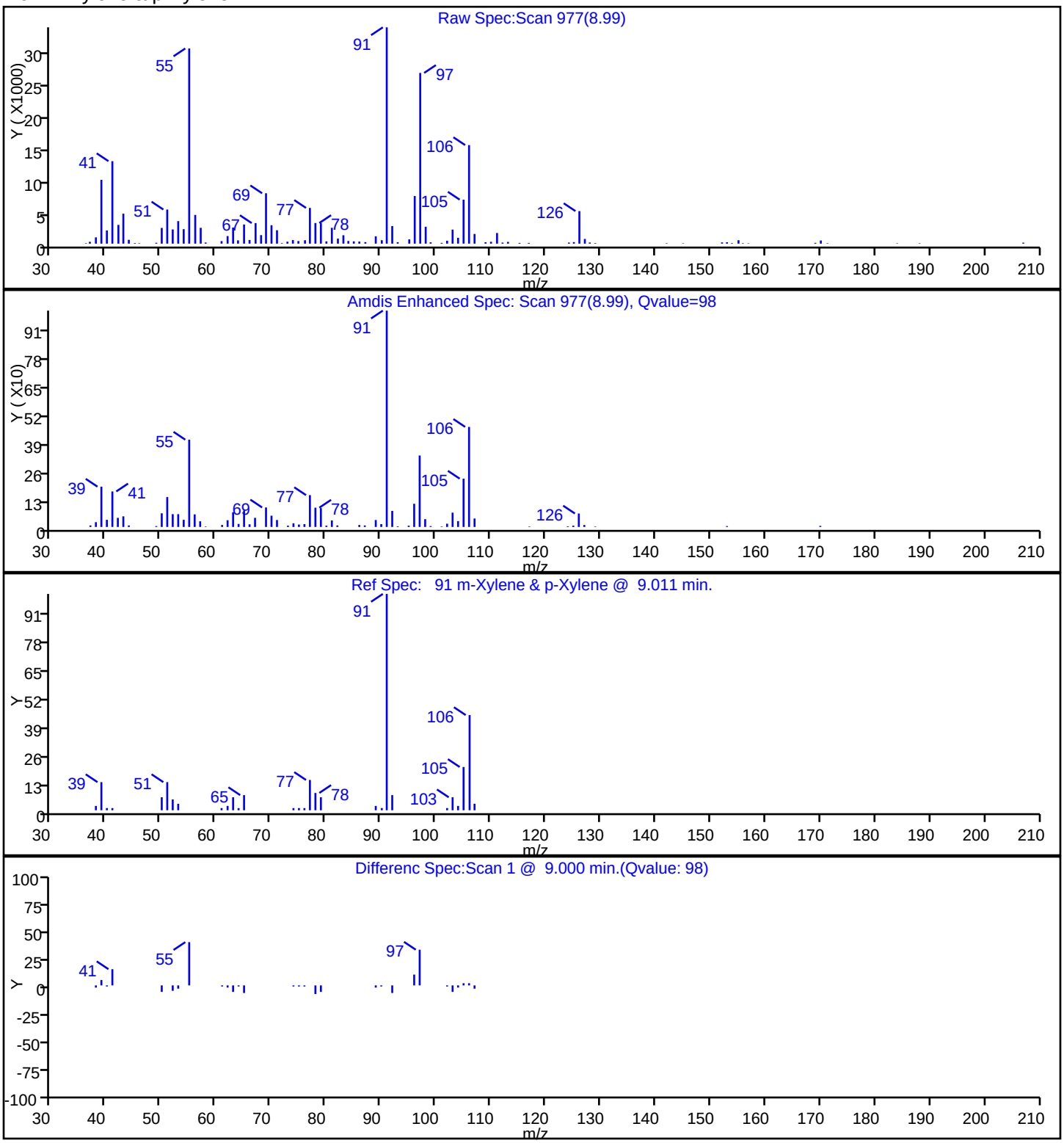
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D

Injection Date:	19-Sep-2013 19:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

91 m-Xylene & p-Xylene



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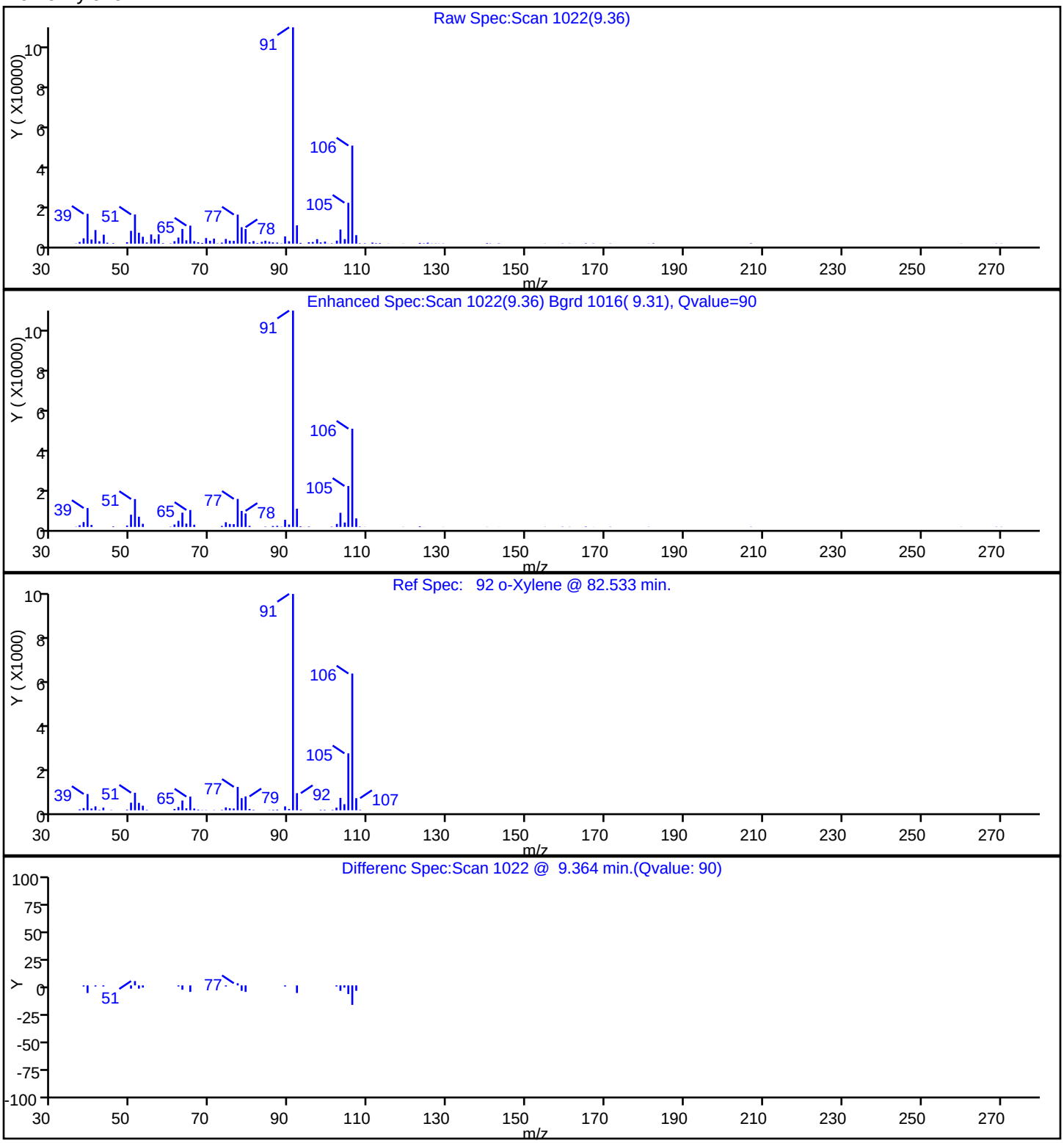
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D

Injection Date:	19-Sep-2013 19:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

92 o-Xylene



Report Date: 20-Sep-2013 17:27:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D

Injection Date: 19-Sep-2013 19:14:30 Limit Group: VOA - 8260B Water and Solid

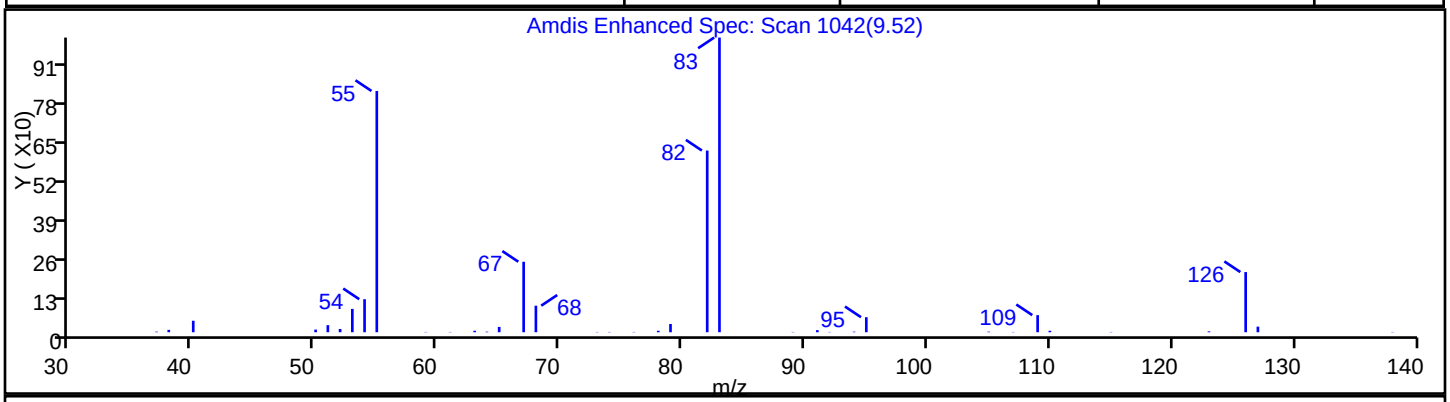
Client ID: PMP-5SE-WT Instrument ID: CVOAMS2

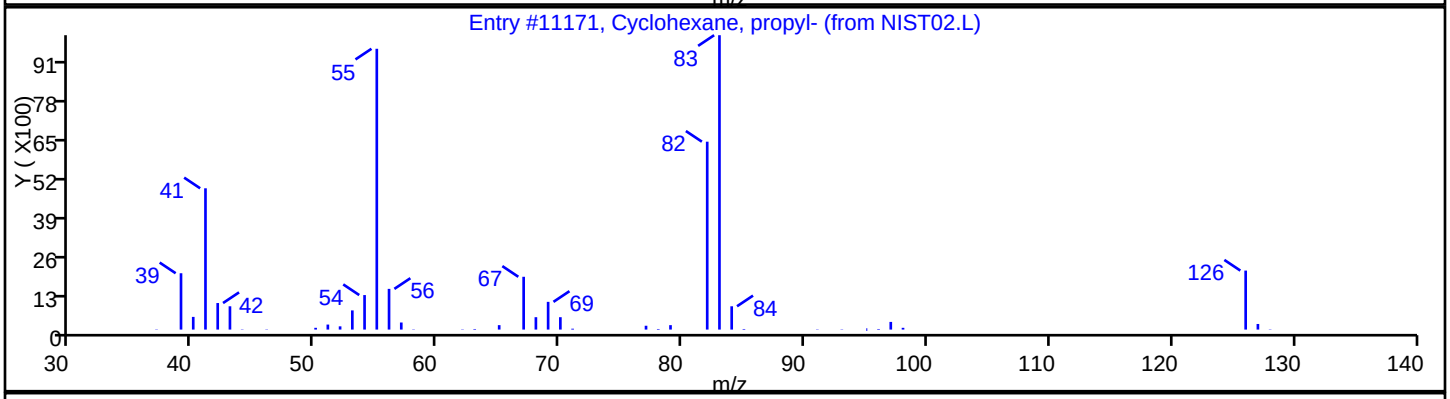
Lims Batch ID: 182095 Lims Sample ID: 20

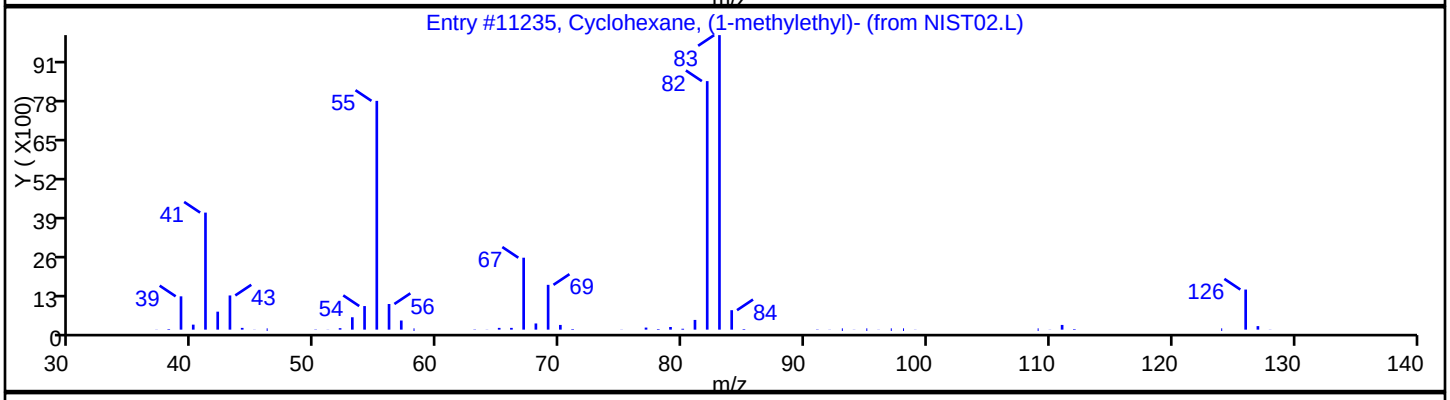
Operator ID: Purge Vol: 5.000 mL

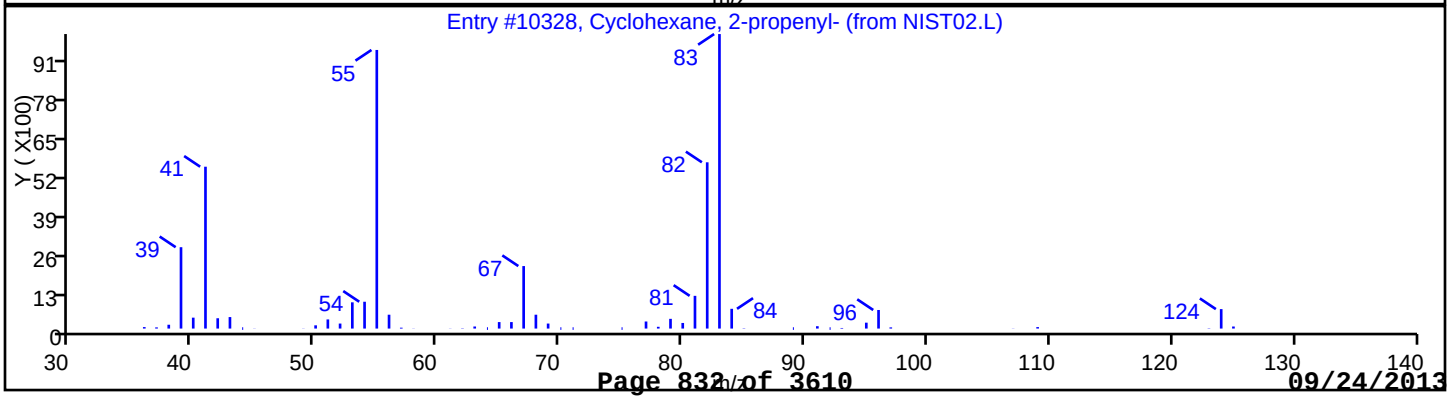
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Cyclohexane, propyl-	1678-92-8	NIST02.L	11171	80
Cyclohexane, (1-methylethyl)-	696-29-7	NIST02.L	11235	72
Cyclohexane, 2-propenyl-	2114-42-3	NIST02.L	10328	72



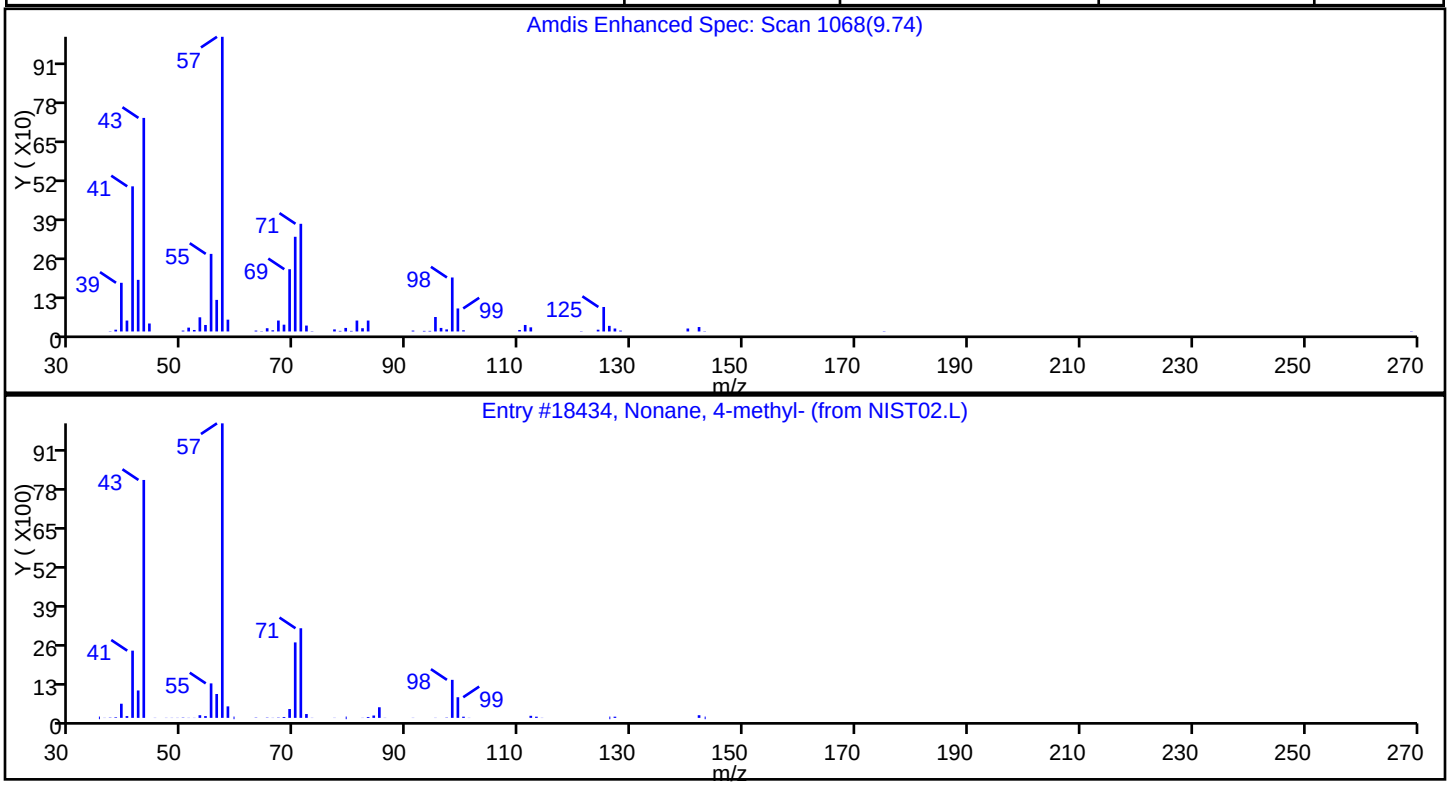






Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D
Injection Date: 19-Sep-2013 19:14:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-5SE-WT Instrument ID: CVOAMS2
Lims Batch ID: 182095 Lims Sample ID: 20
Operator ID: Purge Vol: 5.000 mL
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Nonane, 4-methyl-	17301-94-9	NIST02.L	18434	87



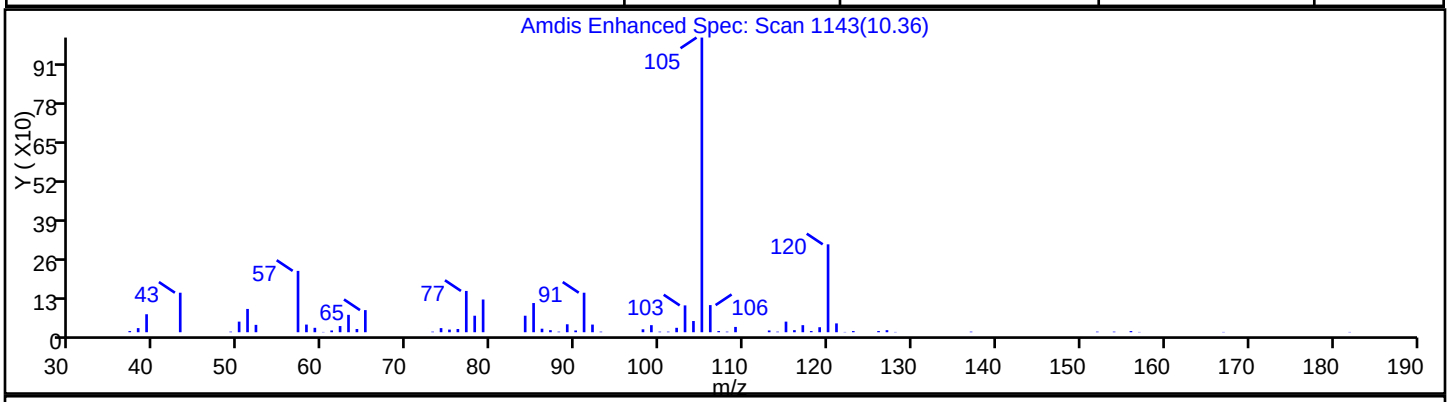
Report Date: 20-Sep-2013 17:27:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

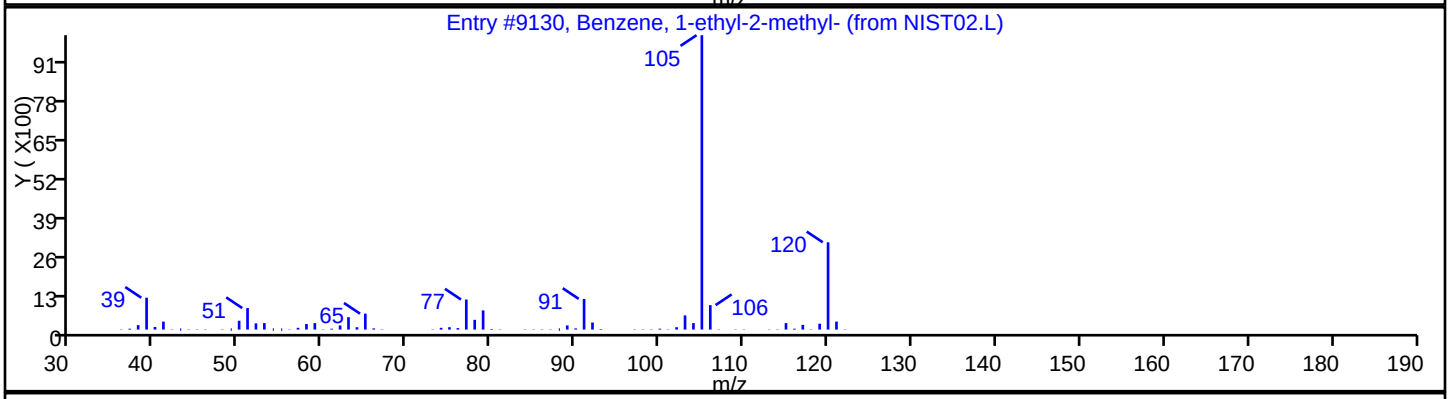
TestAmerica Edison

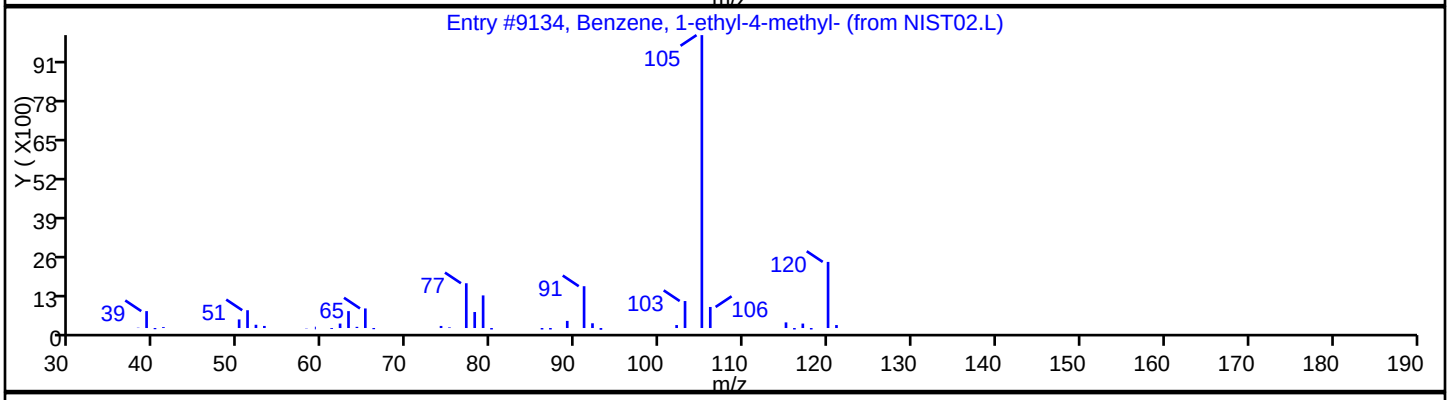
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D

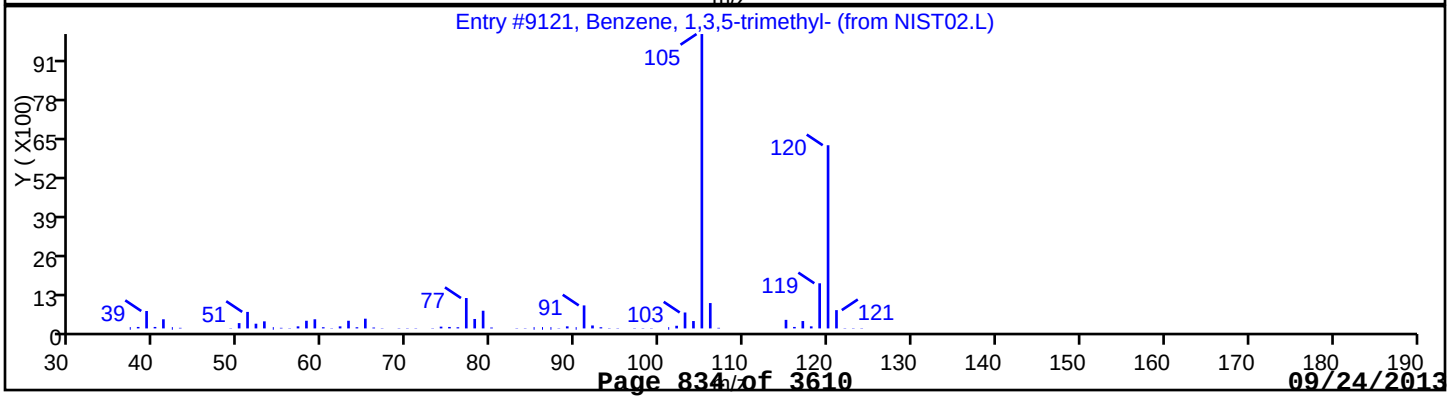
Injection Date:	19-Sep-2013 19:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9130	93
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.L	9134	90
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.L	9121	87









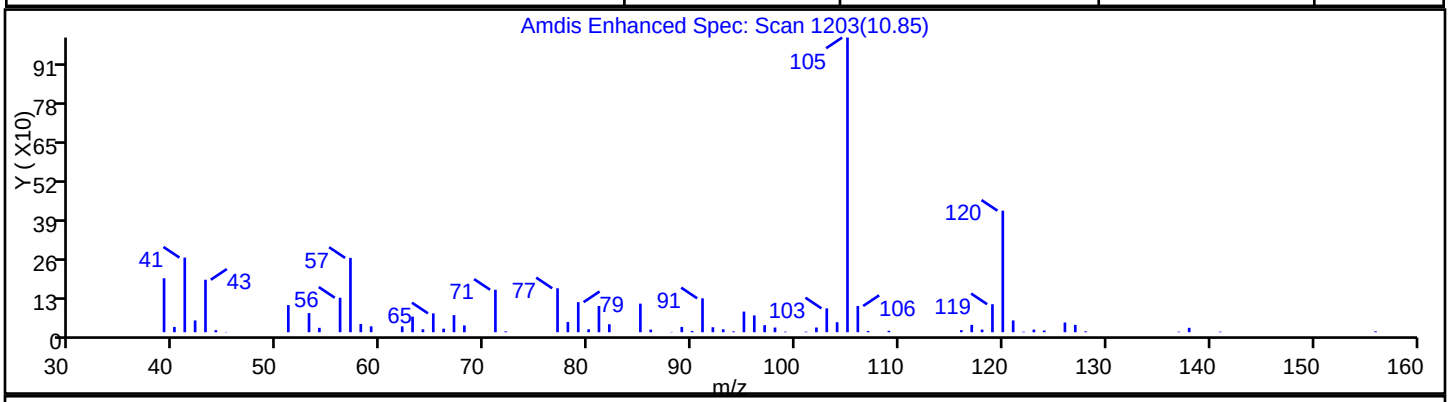
Report Date: 20-Sep-2013 17:27:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

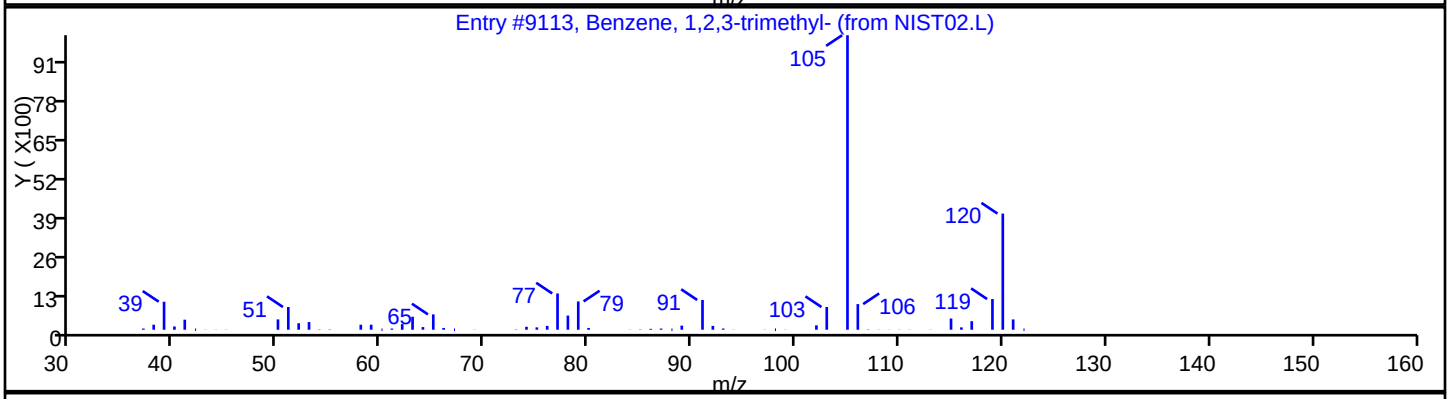
TestAmerica Edison

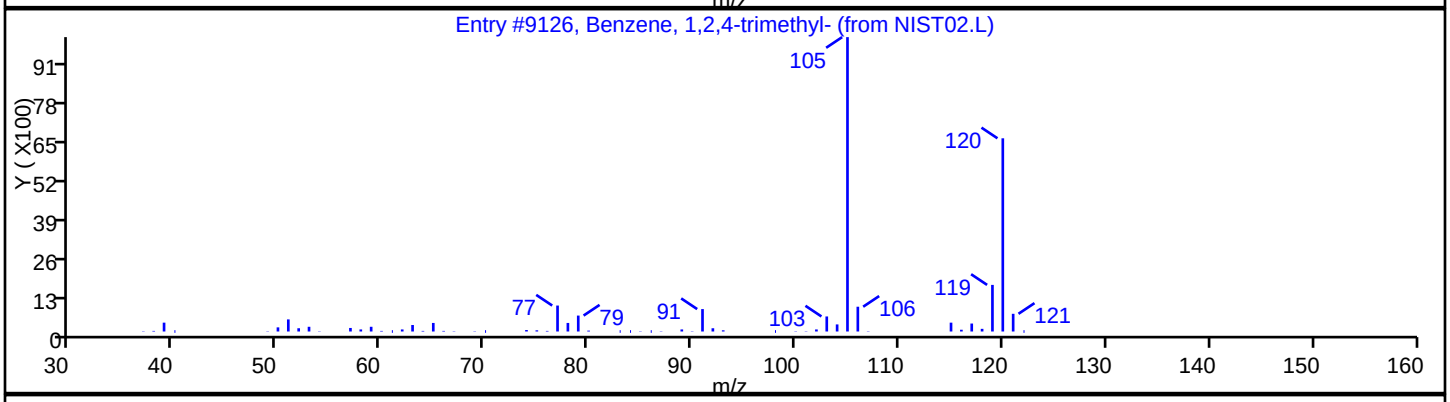
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D

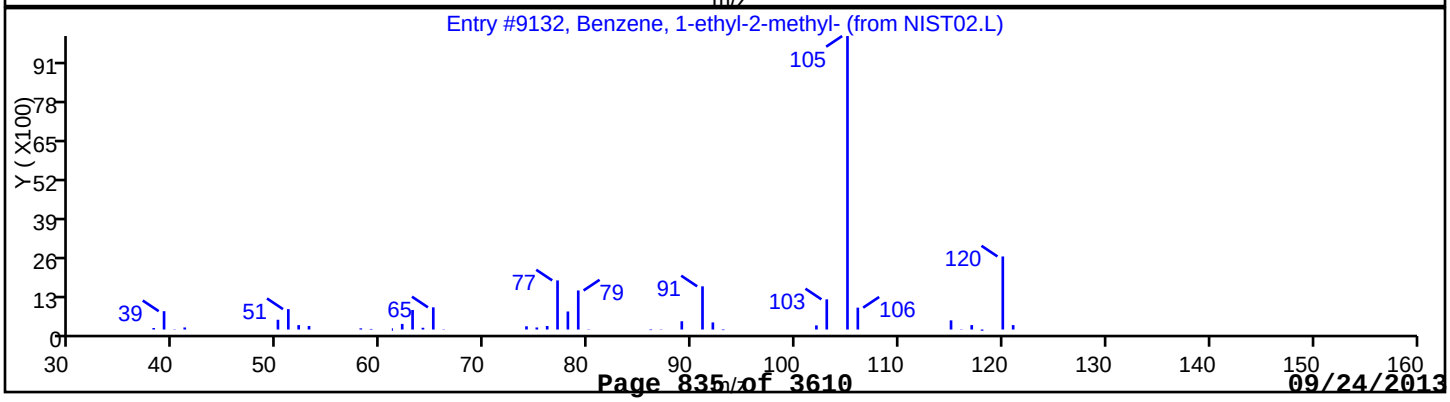
Injection Date:	19-Sep-2013 19:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9113	94
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9126	93
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9132	92









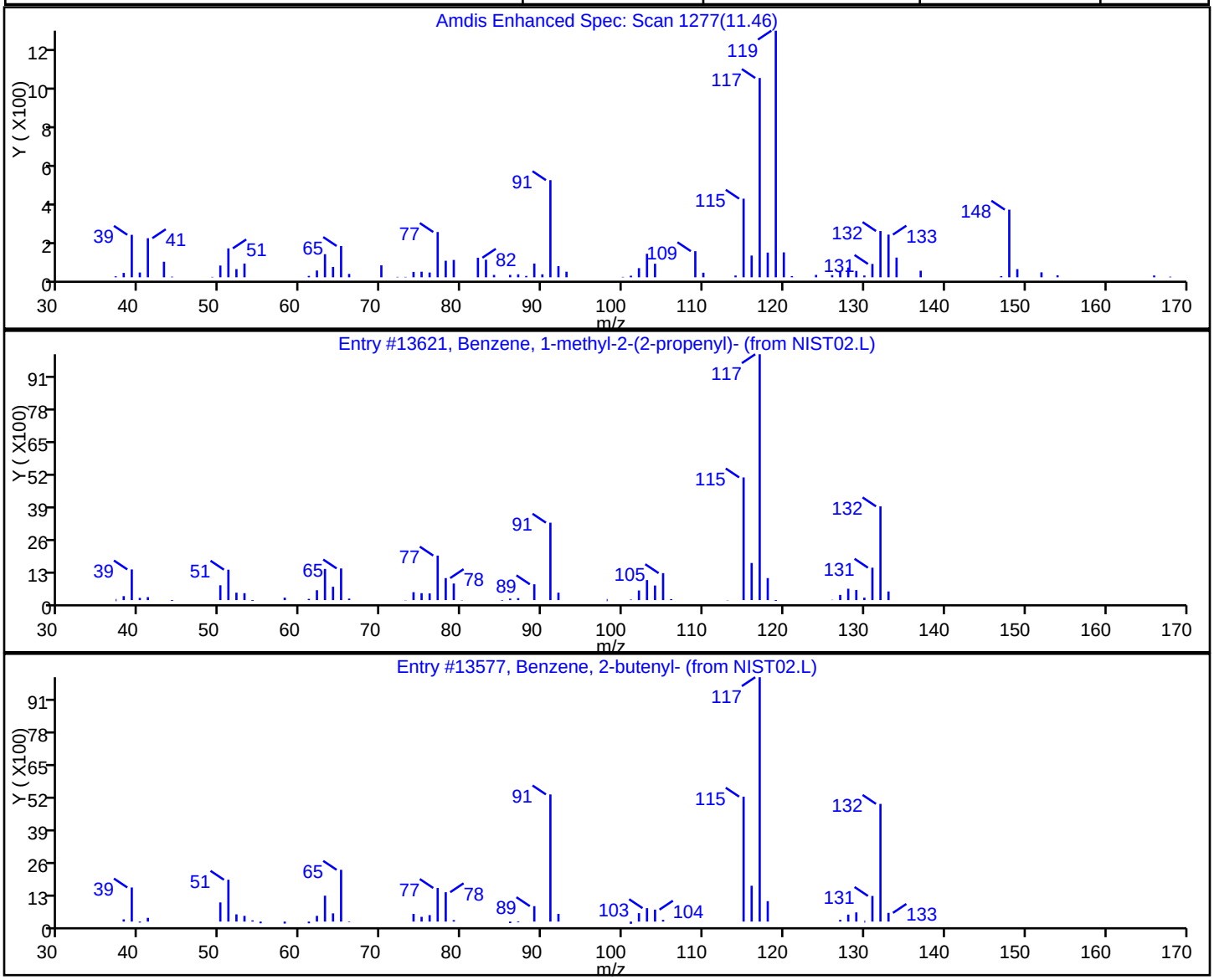
Report Date: 20-Sep-2013 17:27:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D

Injection Date:	19-Sep-2013 19:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.L	13621	86
Benzene, 2-butenyl-	1560-06-1	NIST02.L	13577	70



Report Date: 20-Sep-2013 17:27:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D

Injection Date: 19-Sep-2013 19:14:30 Limit Group: VOA - 8260B Water and Solid

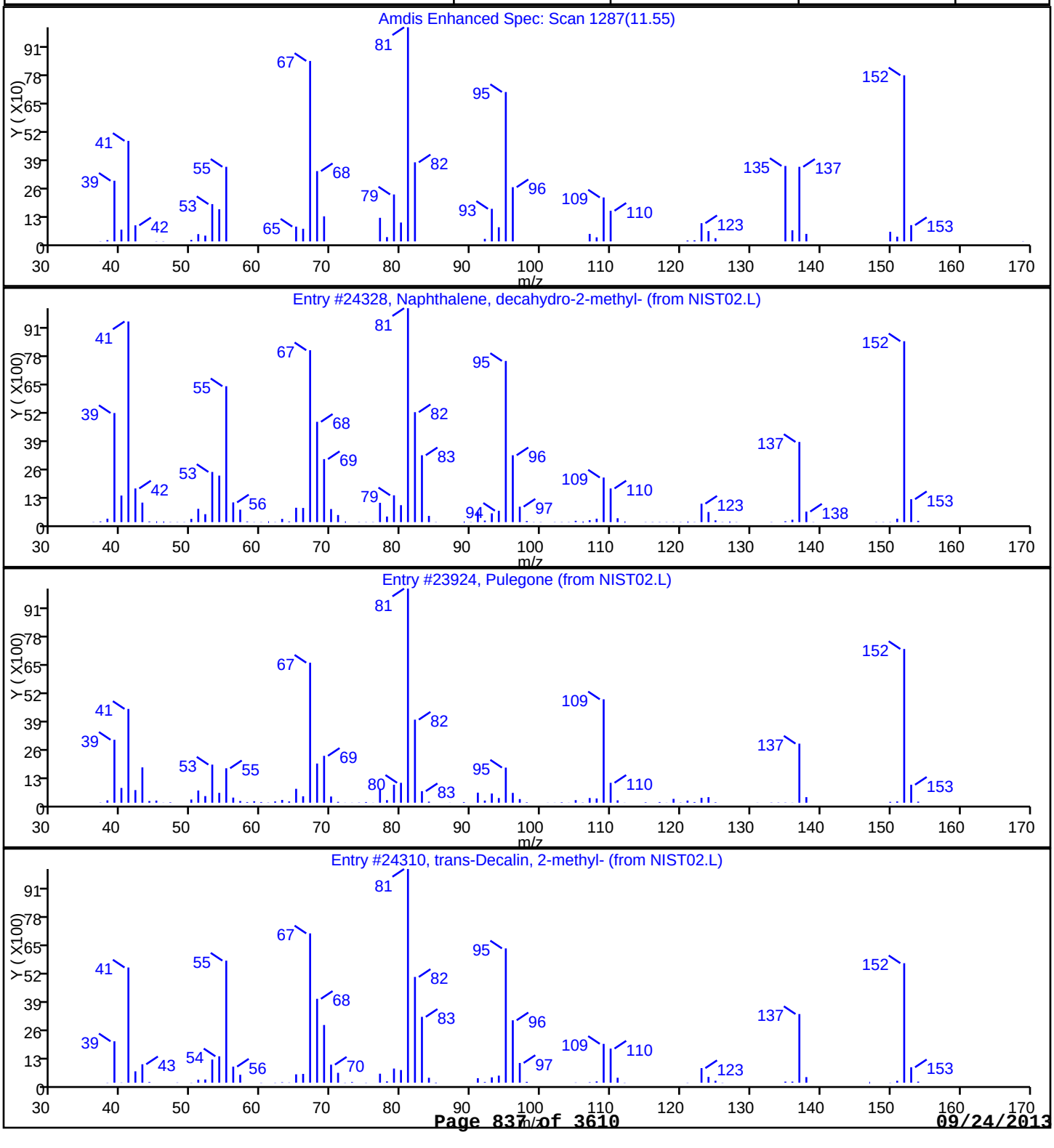
Client ID: PMP-5SE-WT Instrument ID: CVOAMS2

Lims Batch ID: 182095 Lims Sample ID: 20

Operator ID: Purge Vol: 5.000 mL

Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	97
Pulegone	89-82-7	NIST02.L	23924	89
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	81



Report Date: 20-Sep-2013 17:27:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D

Injection Date: 19-Sep-2013 19:14:30 Limit Group: VOA - 8260B Water and Solid

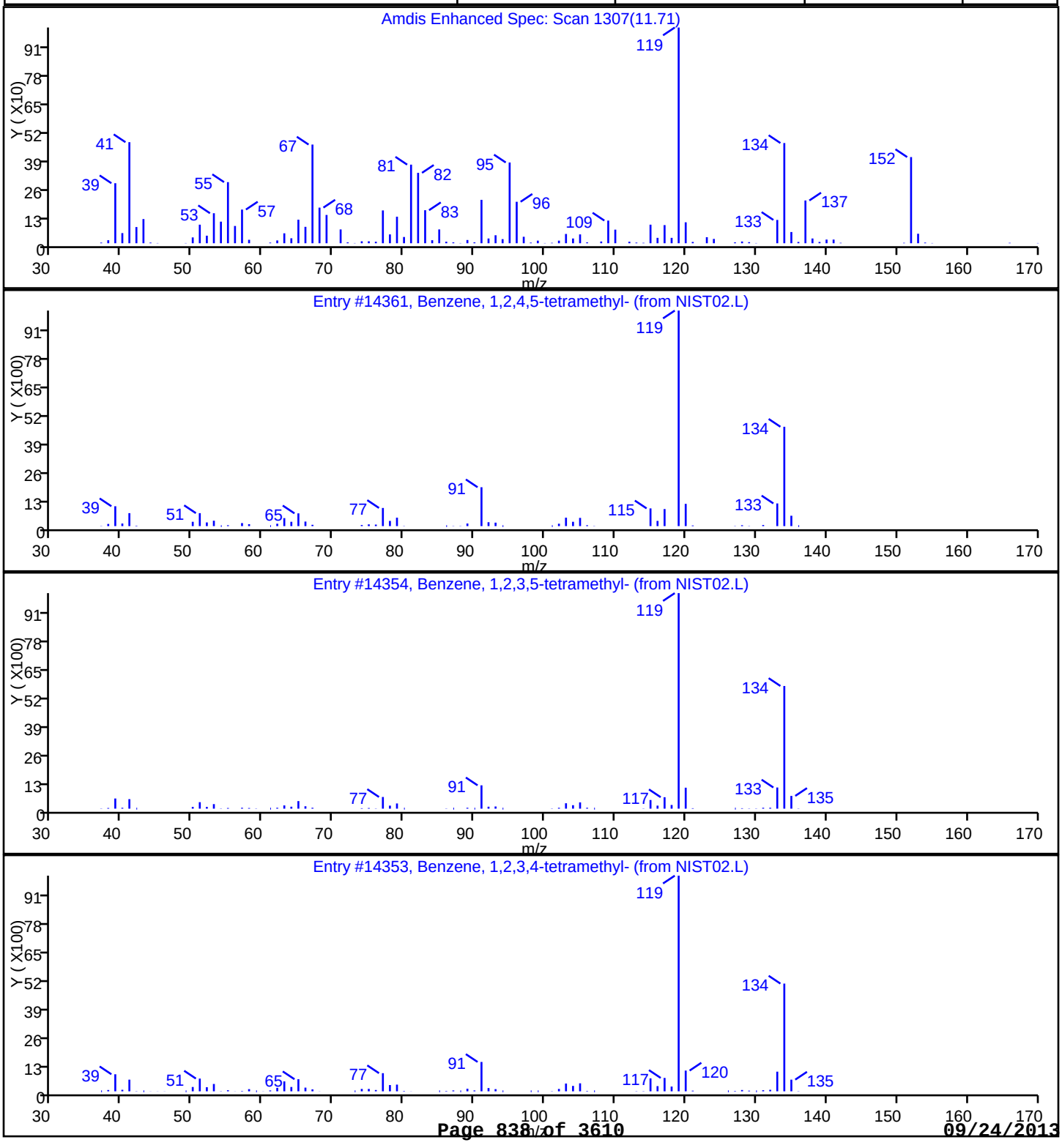
Client ID: PMP-5SE-WT Instrument ID: CVOAMS2

Lims Batch ID: 182095 Lims Sample ID: 20

Operator ID: Purge Vol: 5.000 mL

Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	94
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14354	87
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14353	86



Report Date: 20-Sep-2013 17:27:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D

Injection Date: 19-Sep-2013 19:14:30 Limit Group: VOA - 8260B Water and Solid

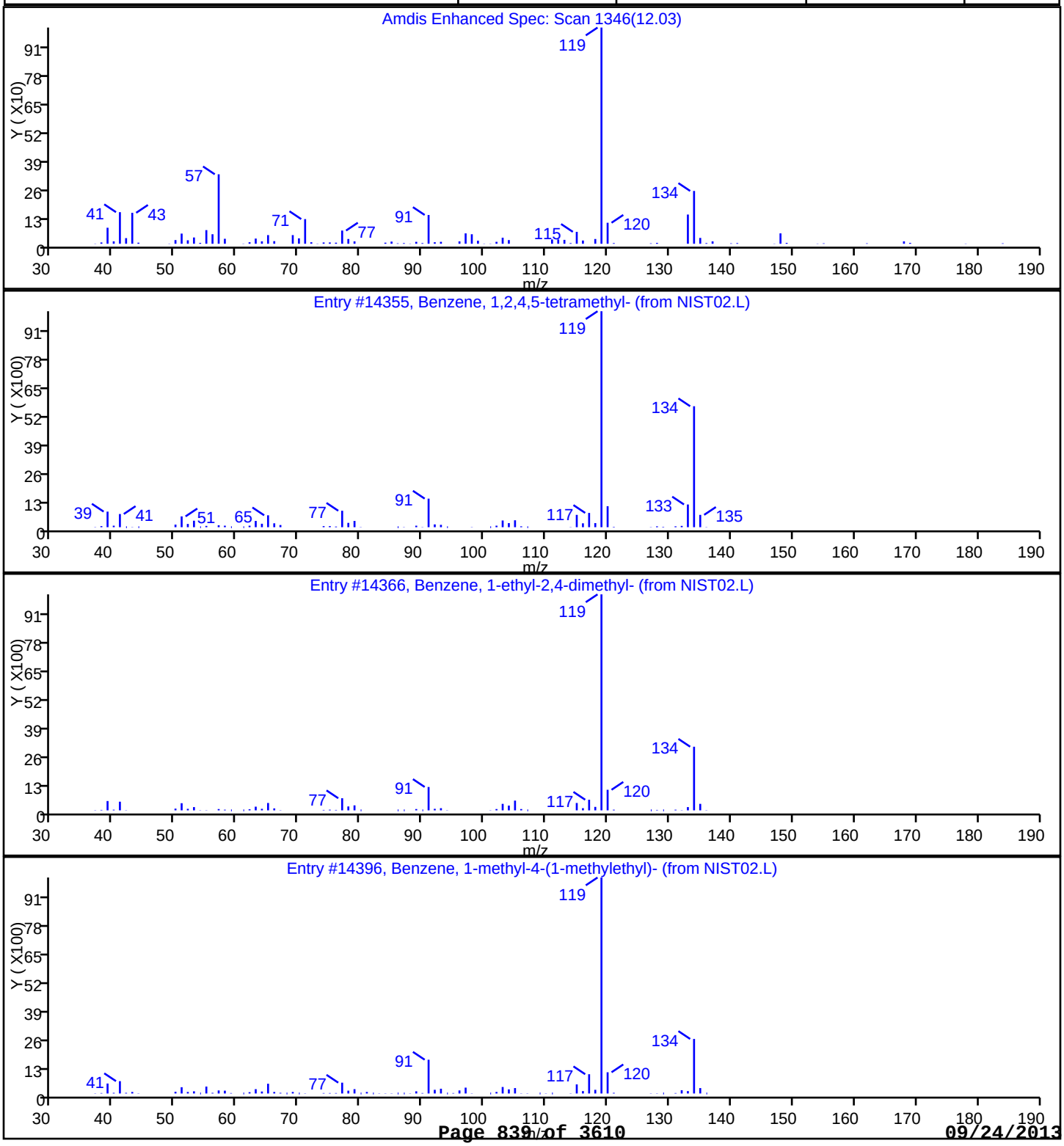
Client ID: PMP-5SE-WT Instrument ID: CVOAMS2

Lims Batch ID: 182095 Lims Sample ID: 20

Operator ID: Purge Vol: 5.000 mL

Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14355	81
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.L	14366	76
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.L	14396	76



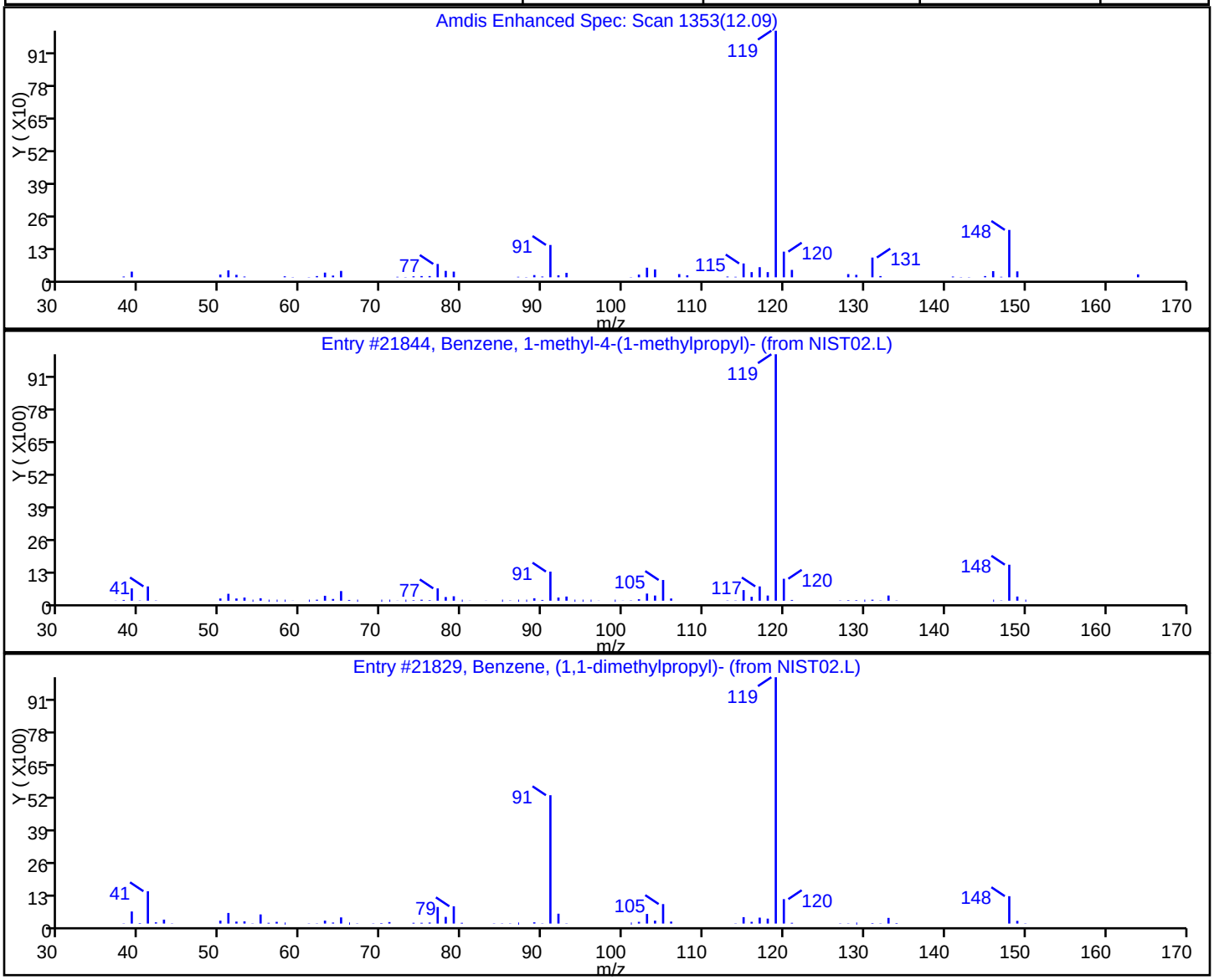
Report Date: 20-Sep-2013 17:27:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D

Injection Date:	19-Sep-2013 19:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	87
Benzene, (1,1-dimethylpropyl)-	2049-95-8	NIST02.L	21829	80



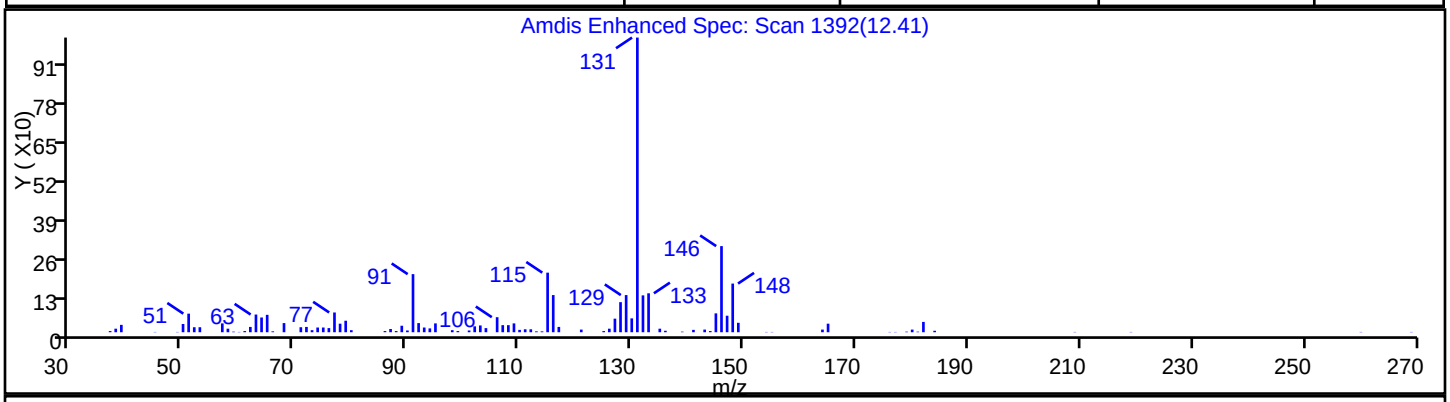
Report Date: 20-Sep-2013 17:27:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

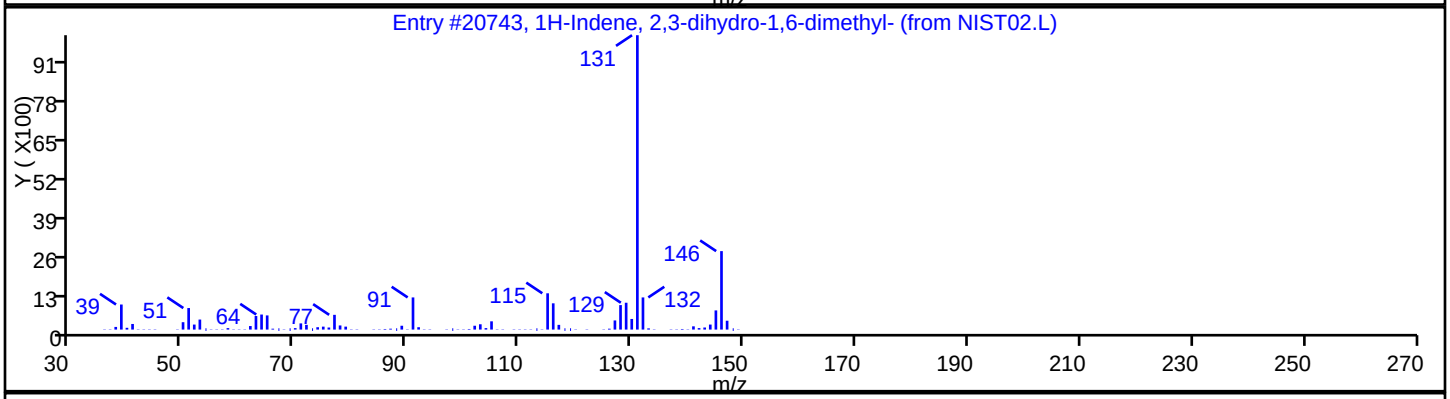
TestAmerica Edison

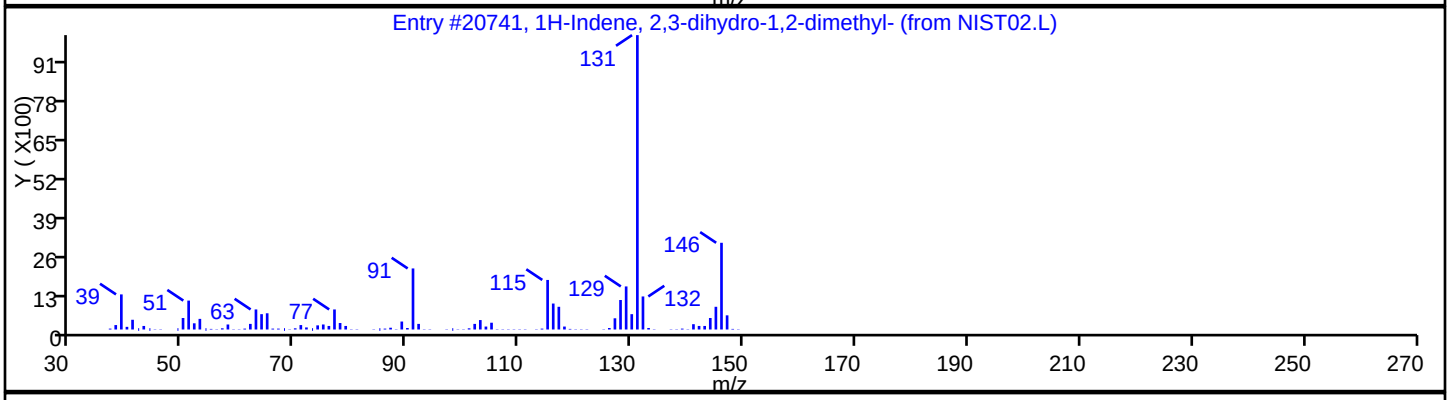
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60686.D

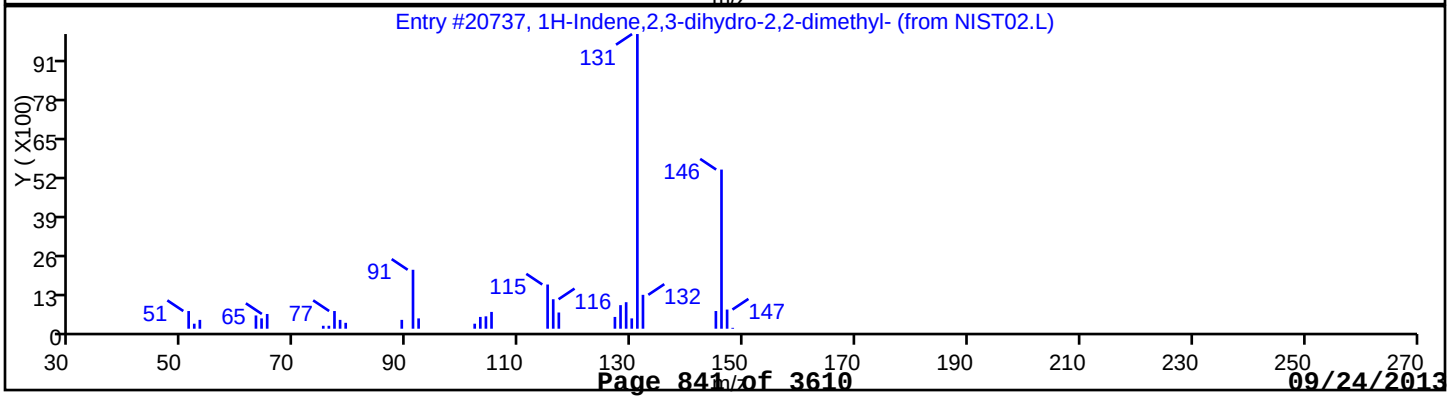
Injection Date:	19-Sep-2013 19:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene, 2,3-dihydro-1,6-dimethyl-	17059-48-2	NIST02.L	20743	93
1H-Indene, 2,3-dihydro-1,2-dimethyl-	17057-82-8	NIST02.L	20741	91
1H-Indene,2,3-dihydro-2,2-dimethyl-	20836-11-7	NIST02.L	20737	87









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-SI | Lab Sample ID: 460-62993-6

Matrix: Solid | Lab File ID: B60687.D

Analysis Method: 8260B | Date Collected: 09/13/2013 08:45

Sample wt/vol: 4.799(g) | Date Analyzed: 09/19/2013 19:36

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.4 | Level: (low/med) Medium

Analysis Batch No.: 182095 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	12	U	120	12
74-83-9	Bromomethane	22	U	120	22
75-01-4	Vinyl chloride	17	U	120	17
75-00-3	Chloroethane	20	U	120	20
75-09-2	Methylene Chloride	22	U	120	22
67-64-1	Acetone	320	U	590	320
75-15-0	Carbon disulfide	15	U	120	15
75-69-4	Trichlorofluoromethane	17	U	120	17
75-35-4	1,1-Dichloroethene	11	U	120	11
75-34-3	1,1-Dichloroethane	16	U	120	16
156-60-5	trans-1,2-Dichloroethene	15	U	120	15
156-59-2	cis-1,2-Dichloroethene	21	U	120	21
67-66-3	Chloroform	16	J	120	9.3
78-93-3	2-Butanone	280	U	590	280
107-06-2	1,2-Dichloroethane	22	U	120	22
71-55-6	1,1,1-Trichloroethane	7.4	U	120	7.4
56-23-5	Carbon tetrachloride	6.8	U	120	6.8
71-43-2	Benzene	9.8	U	120	9.8
75-25-2	Bromoform	23	U	120	23
100-42-5	Styrene	14	U	120	14
100-41-4	Ethylbenzene	32	J	120	11
108-90-7	Chlorobenzene	13	U	120	13
110-82-7	Cyclohexane	19	U	120	19
98-82-8	Isopropylbenzene	33	J	120	9.1
591-78-6	2-Hexanone	59	U	590	59
1634-04-4	MTBE	16	U	120	16
76-13-1	Freon TF	9.7	U	120	9.7
79-20-9	Methyl acetate	40	U	590	40
123-91-1	1,4-Dioxane	4300	U	5900	4300
79-01-6	Trichloroethene	11	U	120	11
108-88-3	Toluene	18	U	120	18
10061-02-6	trans-1,3-Dichloropropene	29	U	120	29
108-10-1	4-Methyl-2-pentanone	120	U	590	120
10061-01-5	cis-1,3-Dichloropropene	22	U	120	22
95-50-1	1,2-Dichlorobenzene	120		120	24
541-73-1	1,3-Dichlorobenzene	16	U	120	16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-SI | Lab Sample ID: 460-62993-6

Matrix: Solid | Lab File ID: B60687.D

Analysis Method: 8260B | Date Collected: 09/13/2013 08:45

Sample wt/vol: 4.799(g) | Date Analyzed: 09/19/2013 19:36

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.4 | Level: (low/med) Medium

Analysis Batch No.: 182095 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1600		120	28
120-82-1	1,2,4-Trichlorobenzene	1900		120	41
87-61-6	1,2,3-Trichlorobenzene	2200		120	61
78-87-5	1,2-Dichloropropane	10	U	120	10
108-87-2	Methylcyclohexane	190	*	120	16
127-18-4	Tetrachloroethene	12	U	120	12
1330-20-7	Xylenes, Total	280	J	360	43
96-12-8	1,2-Dibromo-3-Chloropropane	48	U *	120	48
79-34-5	1,1,2,2-Tetrachloroethane	19	U	120	19
79-00-5	1,1,2-Trichloroethane	22	U	120	22
124-48-1	Dibromochloromethane	24	U	120	24
106-93-4	1,2-Dibromoethane	33	U	120	33
75-71-8	Dichlorodifluoromethane	26	U	120	26
74-97-5	Bromochloromethane	32	U	120	32
75-27-4	Bromodichloromethane	15	U	120	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		75-135
2037-26-5	Toluene-d8 (Surr)	84		59-150
460-00-4	Bromofluorobenzene	92		72-133
1868-53-7	Dibromofluoromethane (Surr)	89		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-SI Lab Sample ID: 460-62993-6

Matrix: Solid Lab File ID: B60687.D

Analysis Method: 8260B Date Collected: 09/13/2013 08:45

Sample wt/vol: 4.799(g) Date Analyzed: 09/19/2013 19:36

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.4 Level: (low/med) Medium

Analysis Batch No.: 182095 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 118700

CAS NO.	COMPOUND NAME	RT	RESULT	Q
124-18-5	Decane	10.15	13000	J N
493-02-7	Naphthalene, decahydro-, trans-	11.04	10000	J N
1120-21-4	Undecane	11.10	15000	J N
934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	11.26	9700	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.55	10000	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.71	10000	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.77	10000	J N
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	12.03	13000	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	12.13	15000	J N
1000161-07-9	Cyclopropane, 1-chloro-1-methyl-2-phenyl	12.41	13000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D		
Lims ID:	460-62993-C-6-A	Client ID:	PMP-5SE-SI
Inject. Date:	19-Sep-2013 19:36:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62993-C-6-A		
Misc. Info.:	460-0004800-021		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	20
Lims Batch ID:	182095	Lims Sample ID:	21
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\8260W_2.m		
Last Update:	20-Sep-2013 17:36:47	Calib Date:	18-Sep-2013 04:57:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4744.b\B60605.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK024		
First Level Reviewer: boykink		Date:	20-Sep-2013 02:01:52

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	2.814	2.797	0.017	65	313037	1000.0	
47 Chloroform	83	4.311	4.311	0.0	52	986	0.1383	
$ 57 Dibromofluoromethane (Surr)	113	4.492	4.484	0.008	97	184455	44.7	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.887	0.0	97	282407	46.1	
* 58 Fluorobenzene	96	5.217	5.208	0.009	97	660244	50.0	
62 Methylcyclohexane	83	5.768	5.768	0.0	82	4596	1.59	
* 65 1,4-Dioxane-d8	96	6.081	6.064	0.017	92	37321	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.208	7.200	0.008	97	583780	41.9	
* 87 Chlorobenzene-d5	117	8.772	8.763	0.009	88	557841	50.0	
89 Ethylbenzene	106	8.879	8.879	0.0	75	1416	0.2678	
91 m-Xylene & p-Xylene	106	8.994	8.994	0.0	62	5526	0.8540	
92 o-Xylene	106	9.364	9.356	0.008	87	9362	1.47	
96 Isopropylbenzene	105	9.685	9.677	0.008	44	4603	0.2797	
$ 97 4-Bromofluorobenzene	174	9.858	9.858	0.0	89	253421	46.2	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	91	324998	50.0	
116 1,4-Dichlorobenzene	146	10.837	10.829	0.008	79	126340	13.4	
122 1,2-Dichlorobenzene	146	11.134	11.134	0.0	41	9149	1.00	
127 1,2,4-Trichlorobenzene	180	12.368	12.368	0.0	71	76543	15.9	
131 1,2,3-Trichlorobenzene	180	12.788	12.788	0.0	76	62893	18.3	
S 134 Xylenes, Total	100				0		2.33	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D		
Lims ID:	460-62993-C-6-A	Client ID:	PMP-5SE-SI
Inject. Date:	19-Sep-2013 19:36:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62993-C-6-A		
Misc. Info.:	460-0004800-021		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	20
Lims Batch ID:	182095	Lims Sample ID:	21
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\8260W_2.m		
Last Update:	20-Sep-2013 17:36:47	Calib Date:	18-Sep-2013 04:57:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	80		
Process Host:	XAWRK024		
First Level Reviewer: boykink		Date:	20-Sep-2013 02:01:52

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
124-18-5 Decane						
10.146	7984830	110.0	115	81	18420	
493-02-7 Naphthalene, decahydro-, trans-						
11.043	6334273	87.3	115	98	16320	
1120-21-4 Undecane						
11.101	8988251	123.8	115	91	27118	
934-74-7 Benzene, 1-ethyl-3,5-dimethyl-						
11.257	5905606	81.4	115	92	14367	
2958-76-1 Naphthalene, decahydro-2-methyl-						
11.545	6115458	84.3	115	94	24328	
2958-76-1 Naphthalene, decahydro-2-methyl-						
11.710	6375389	87.8	115	98	24327	
1595-16-0 Benzene, 1-methyl-4-(1-methylpropyl)-						
11.767	6356108	87.6	115	86	21844	
1618-22-0 Naphthalene, decahydro-2,6-dimethyl-						
12.031	7996064	110.2	115	81	33325	
1595-16-0 Benzene, 1-methyl-4-(1-methylpropyl)-						
12.130	9023736	124.3	115	90	21844	
1000161-07-9 Cyclopropane, 1-chloro-1-methyl-2-phenyl						
12.409	7768616	107.0	115	86	32915	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 115 1,4-Dichlorobenzene-d4	10.813	3628979	50.0

QC Flag Legend

Processing Flags

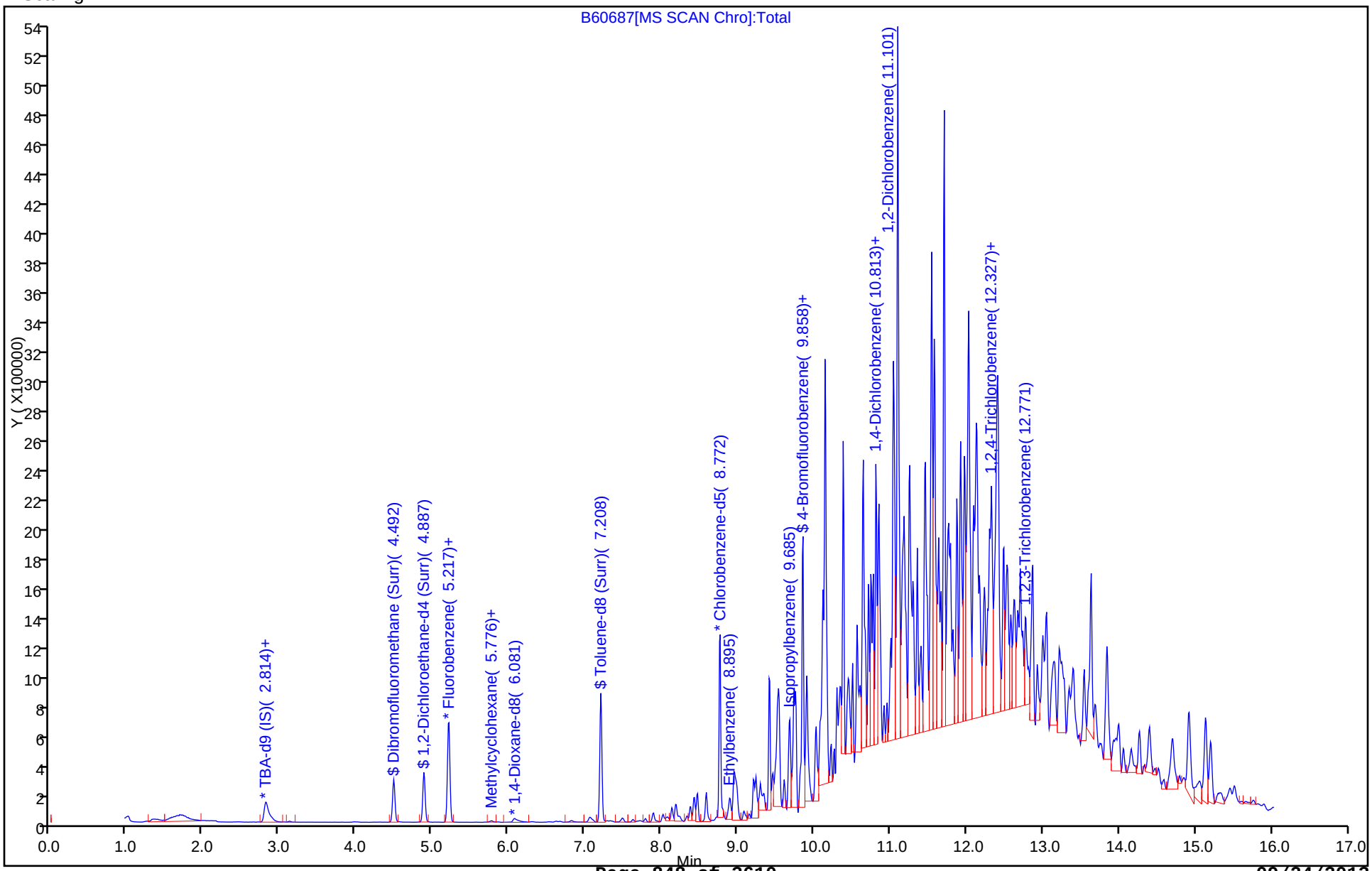
Report Date: 20-Sep-2013 17:36:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D

Injection Date:	19-Sep-2013 19:36:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



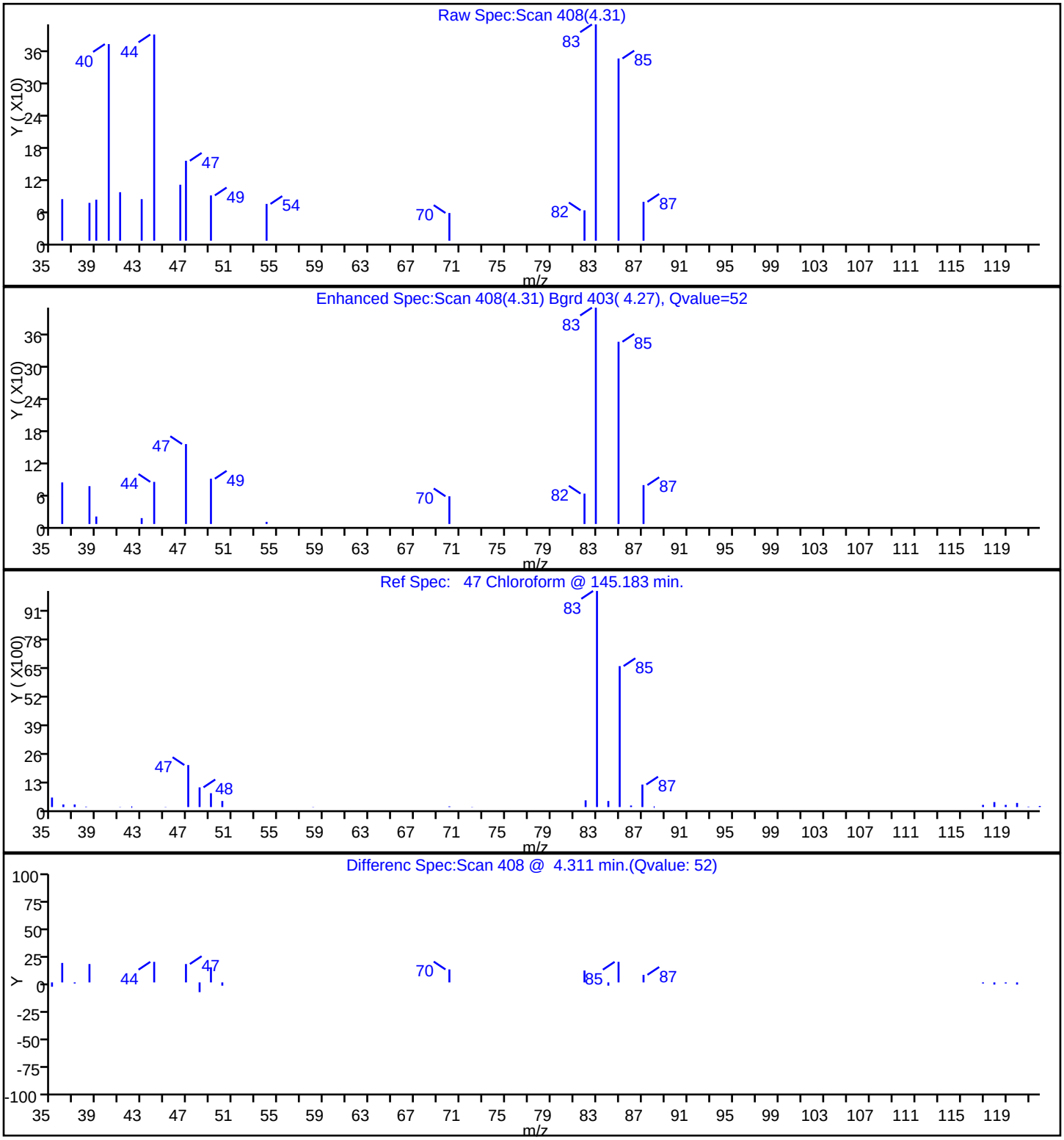
Report Date: 20-Sep-2013 17:36:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D

Injection Date:	19-Sep-2013 19:36:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform

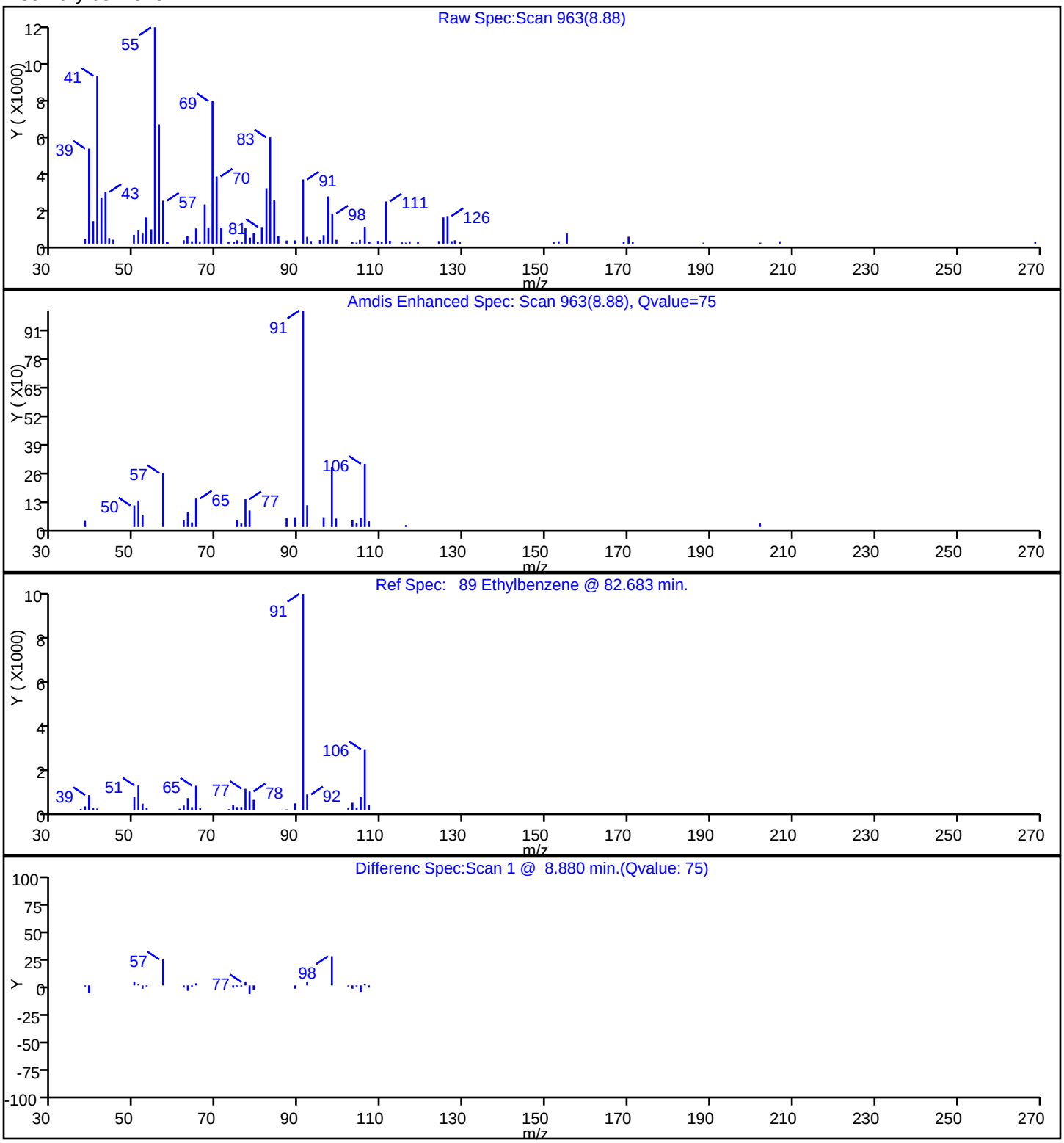


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D

Injection Date:	19-Sep-2013 19:36:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

89 Ethylbenzene



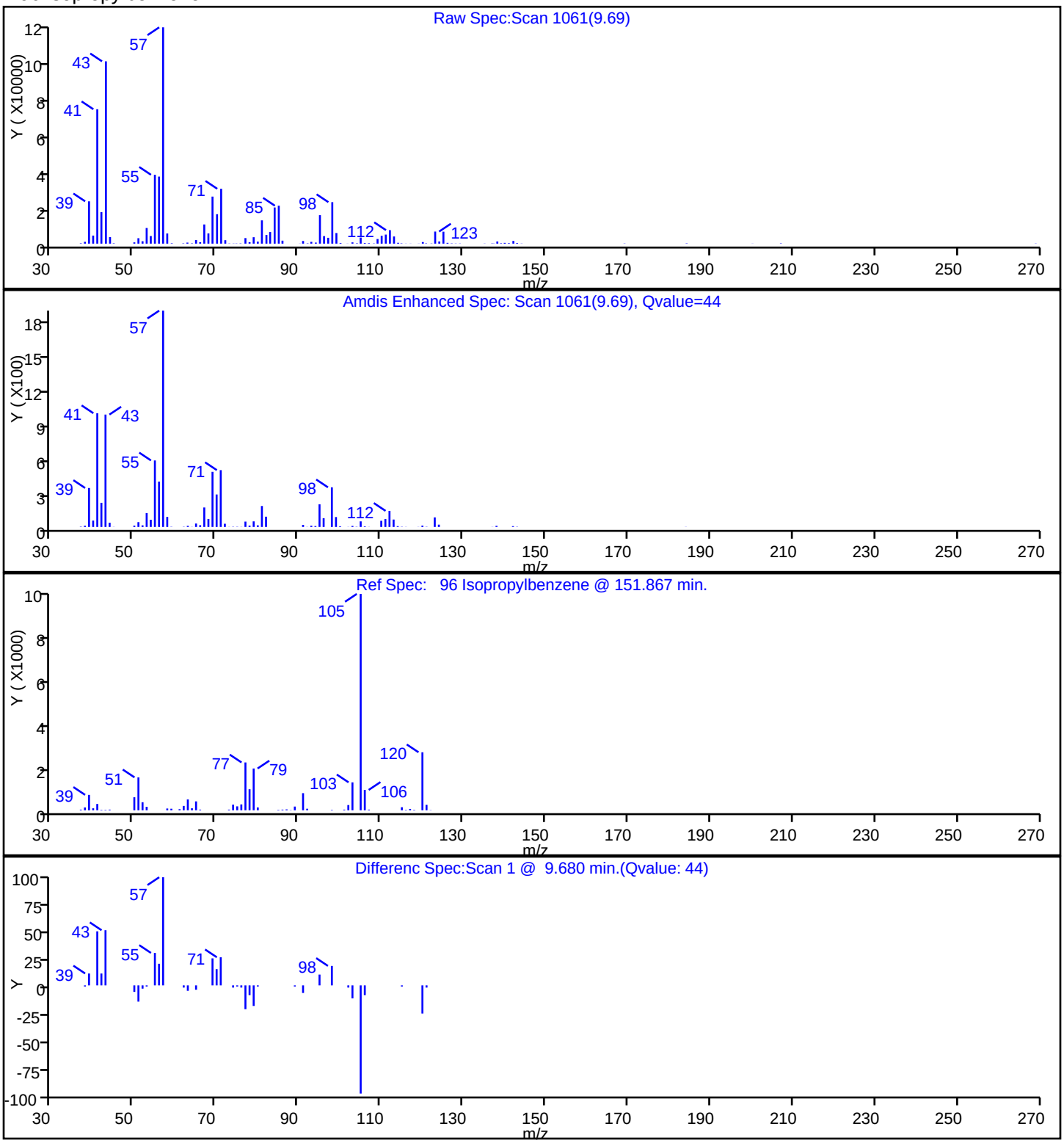
Report Date: 20-Sep-2013 17:36:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D

Injection Date:	19-Sep-2013 19:36:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

96 Isopropylbenzene



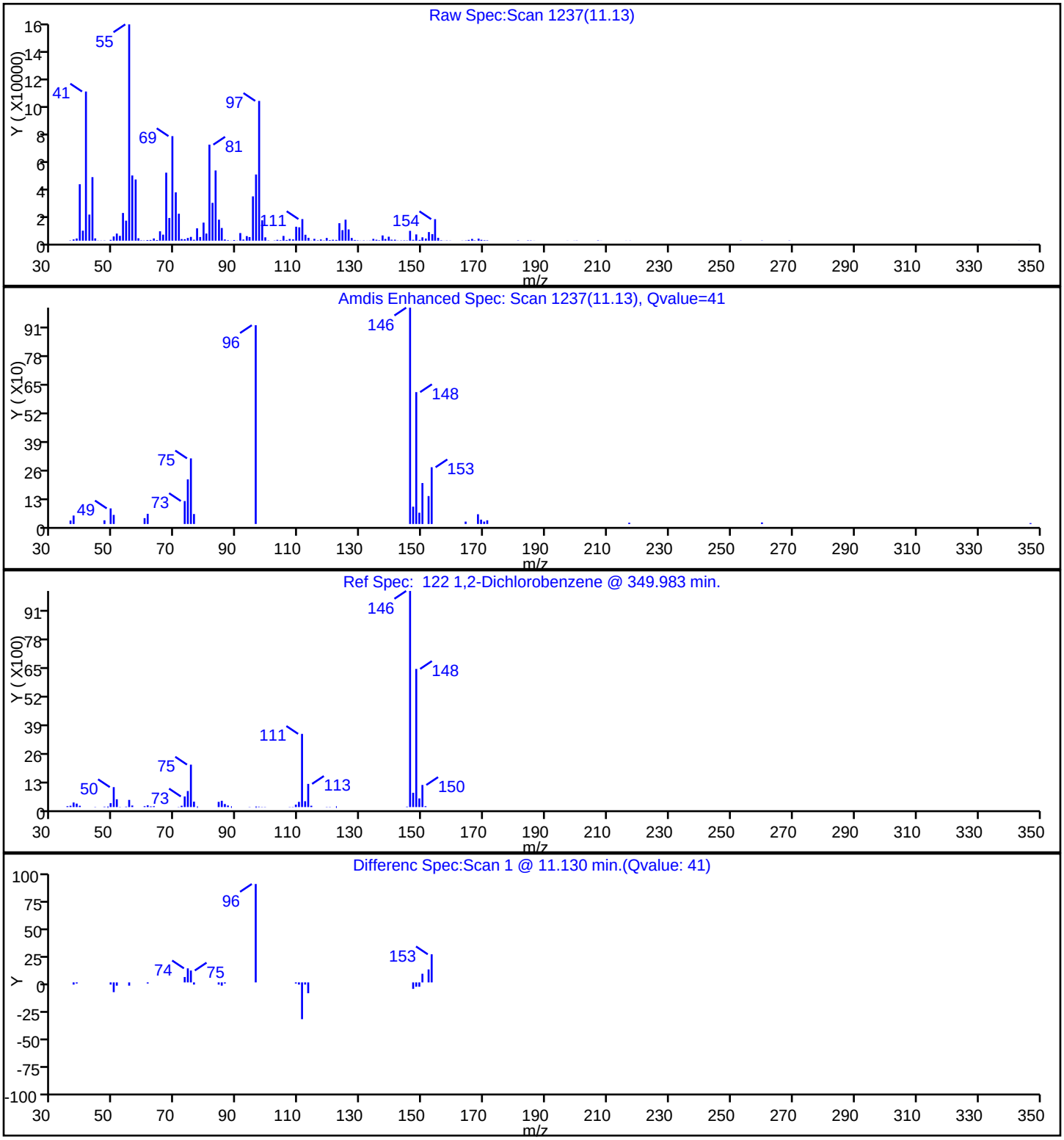
Report Date: 20-Sep-2013 17:36:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D

Injection Date:	19-Sep-2013 19:36:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

122 1,2-Dichlorobenzene



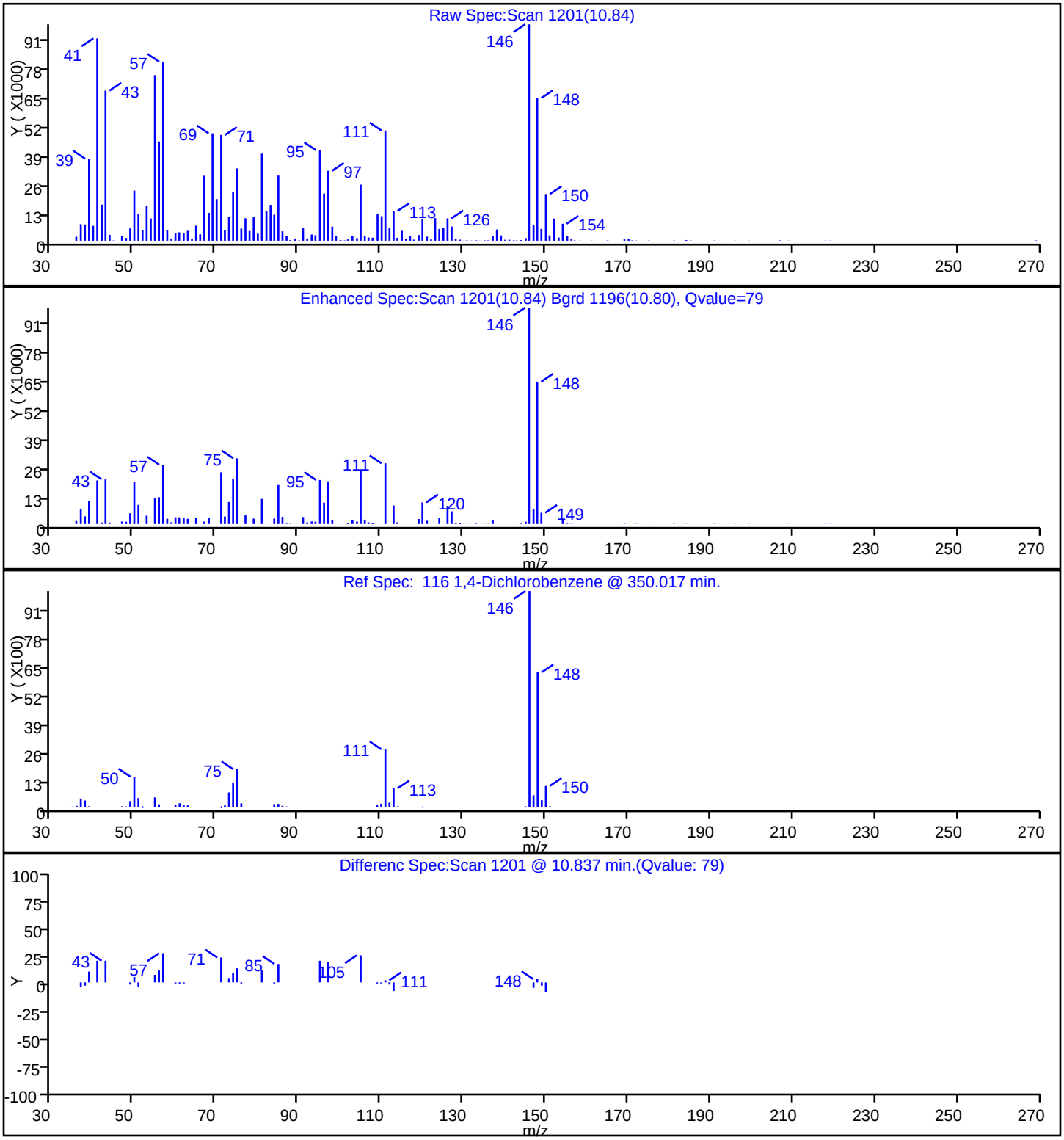
Report Date: 20-Sep-2013 17:36:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D

Injection Date:	19-Sep-2013 19:36:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

116 1,4-Dichlorobenzene



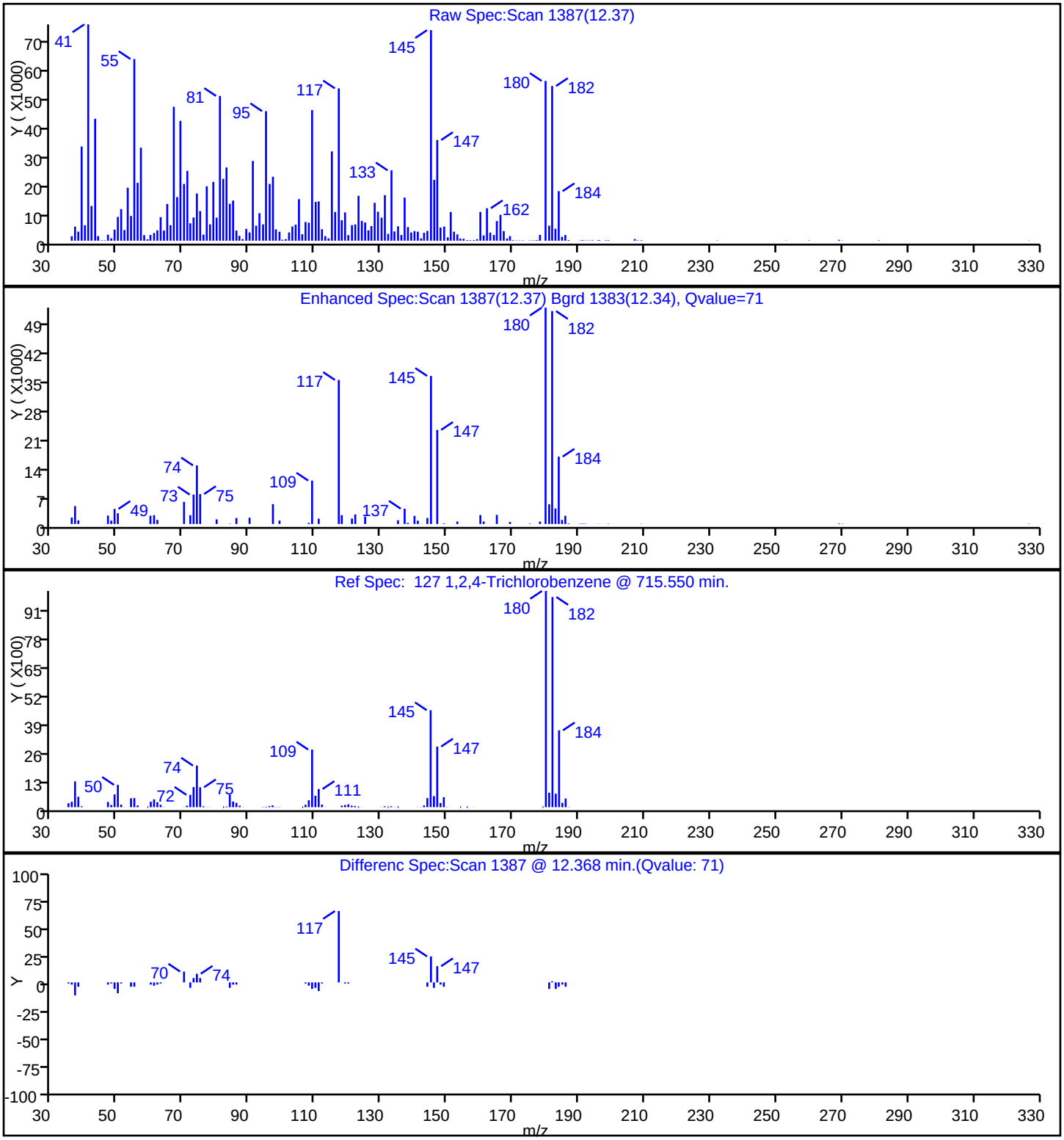
Report Date: 20-Sep-2013 17:36:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D

Injection Date:	19-Sep-2013 19:36:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

127 1,2,4-Trichlorobenzene



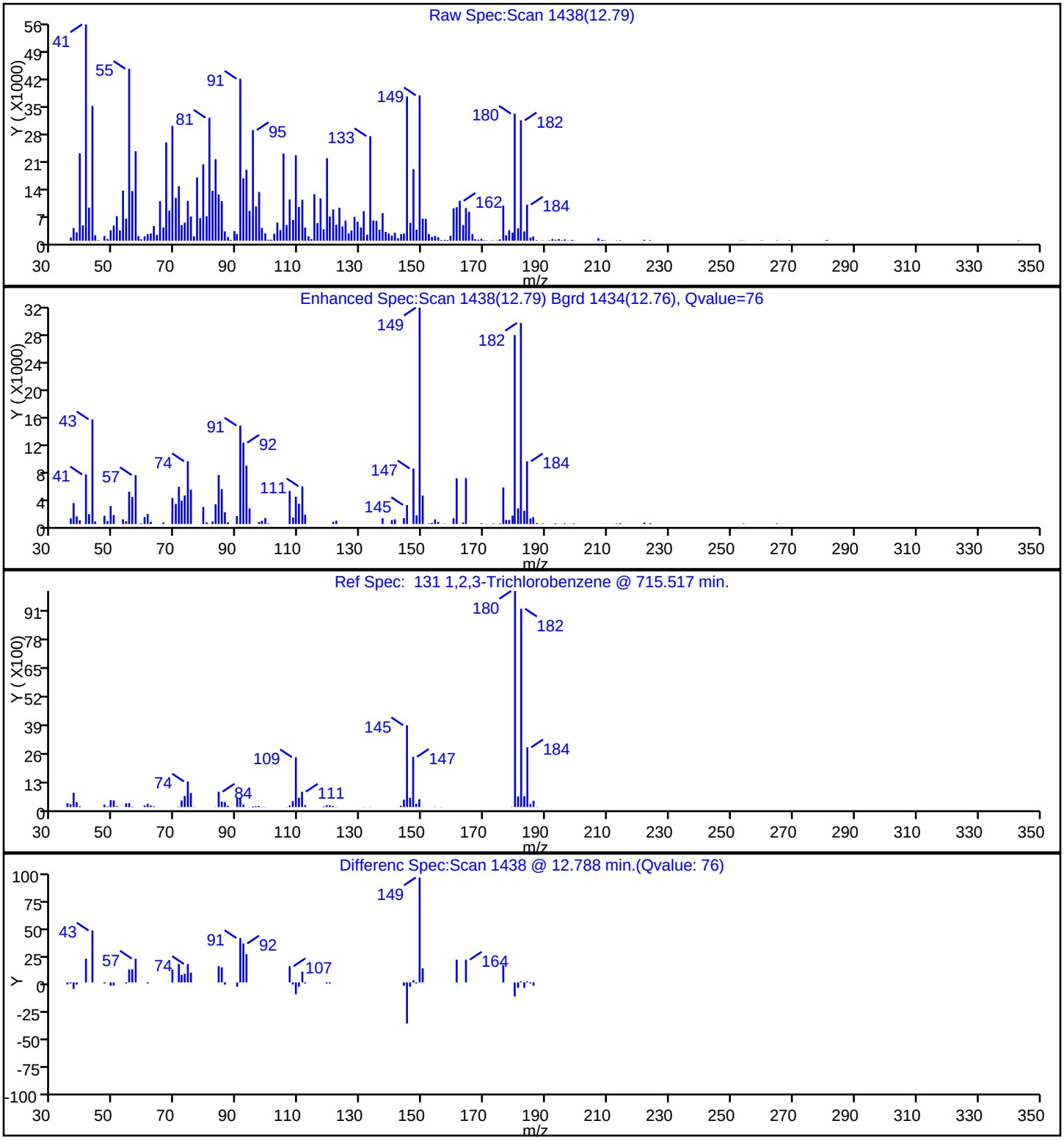
Report Date: 20-Sep-2013 17:36:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D

Injection Date:	19-Sep-2013 19:36:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

131 1,2,3-Trichlorobenzene



TestAmerica Edison

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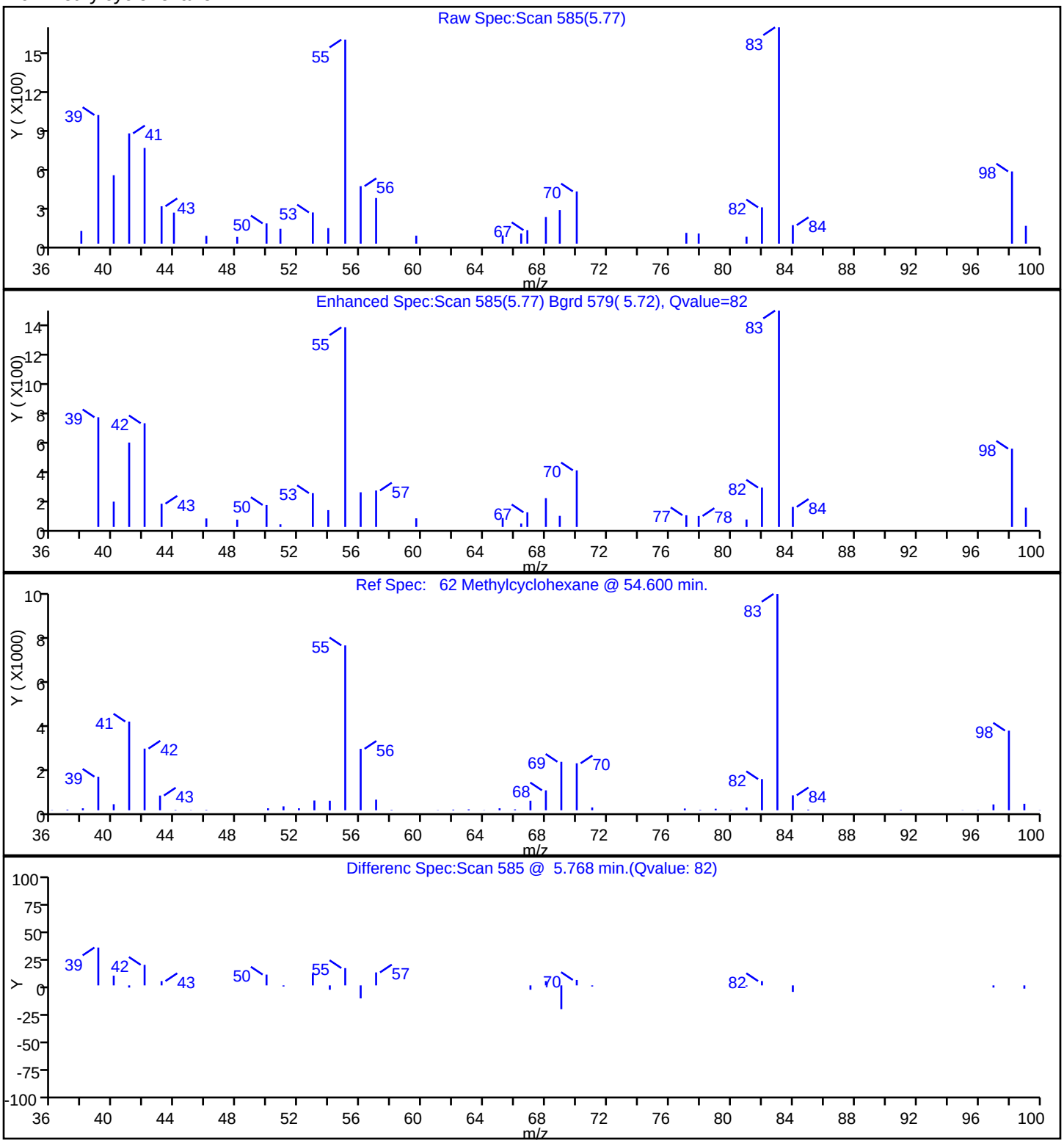
Injection Date:	19-Sep-2013 19:36:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

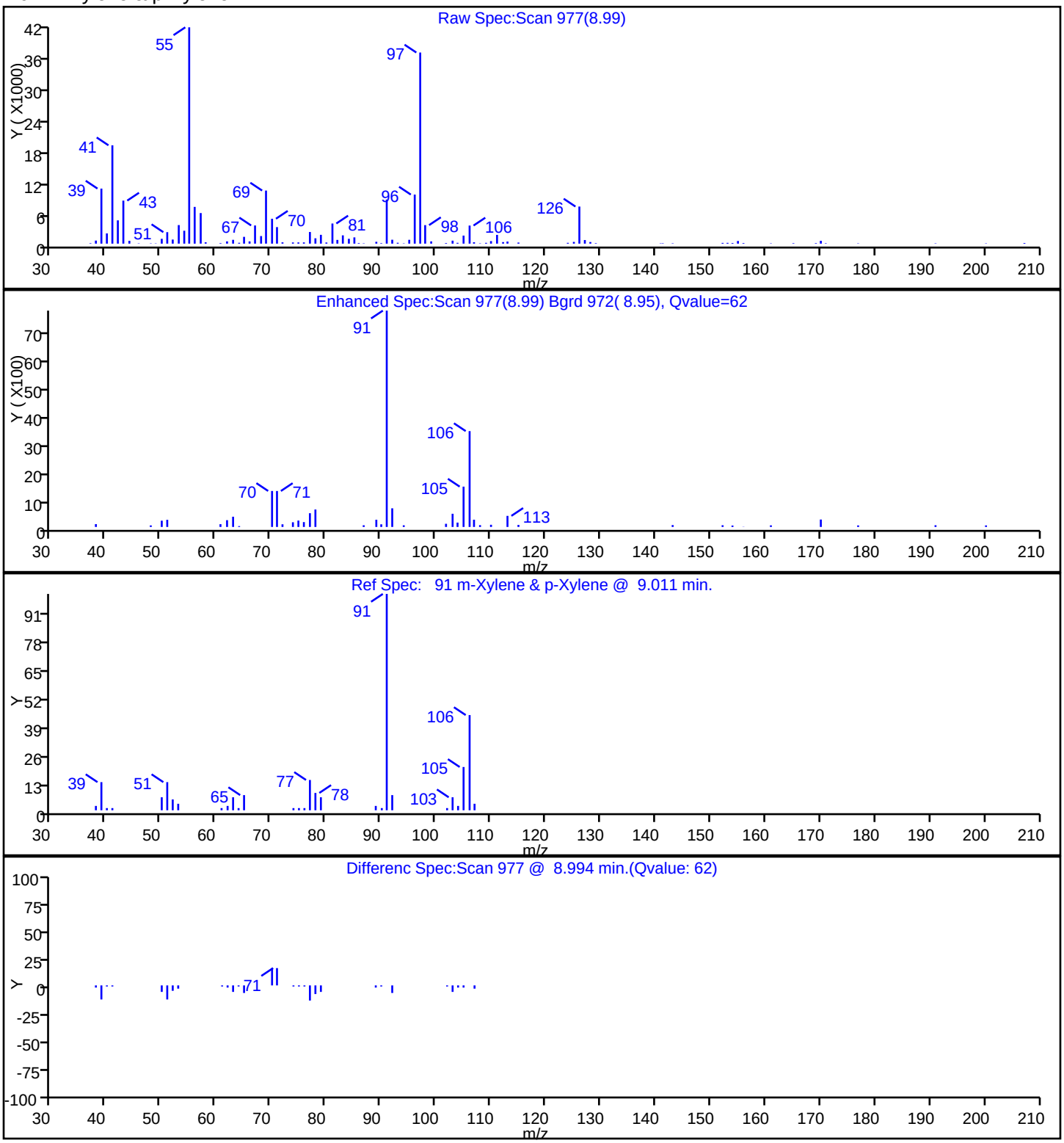
62 Methylcyclohexane



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D		
Injection Date:	19-Sep-2013 19:36:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

91 m-Xylene & p-Xylene



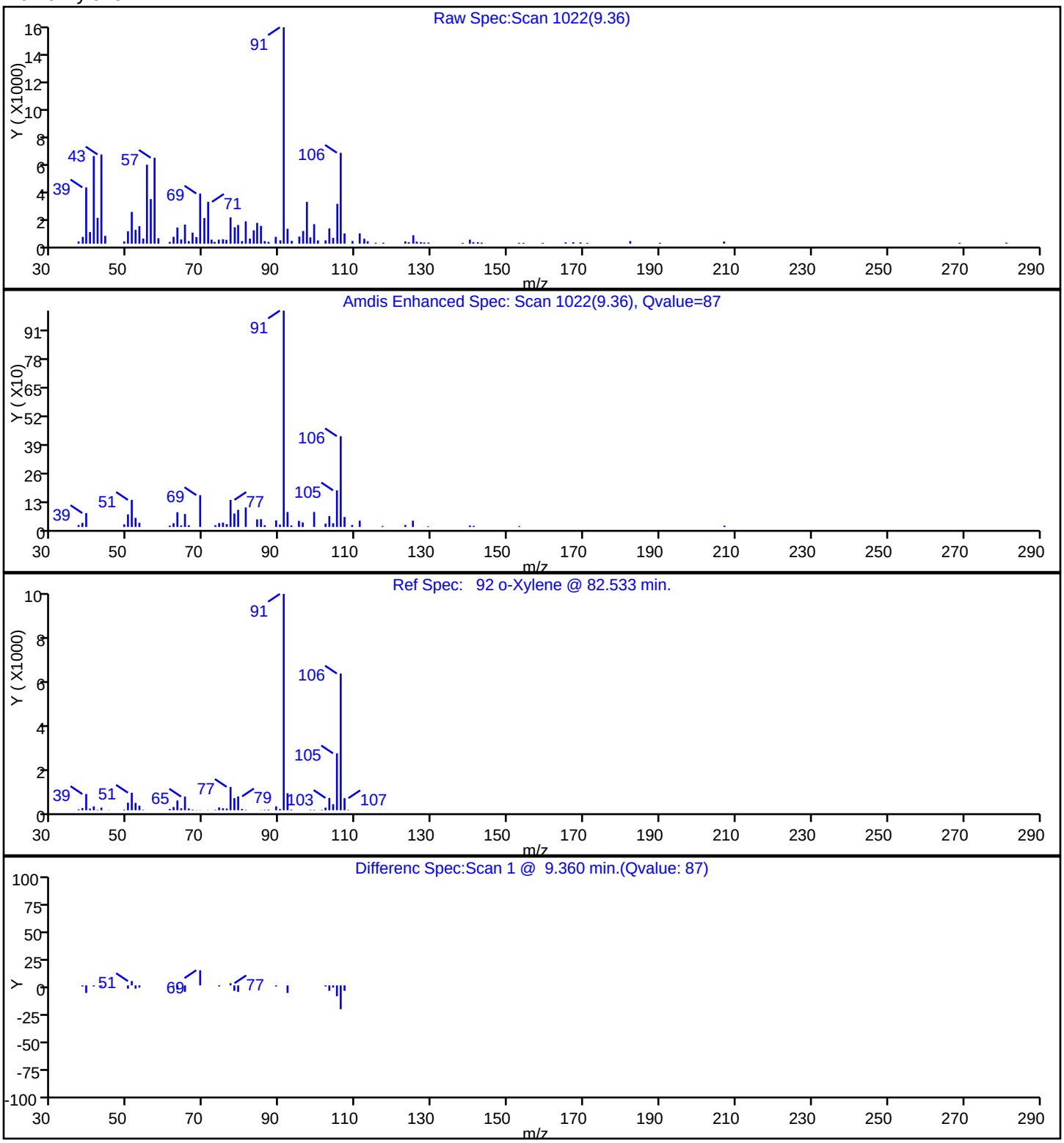
Report Date: 20-Sep-2013 17:36:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D

Injection Date:	19-Sep-2013 19:36:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

92 o-Xylene

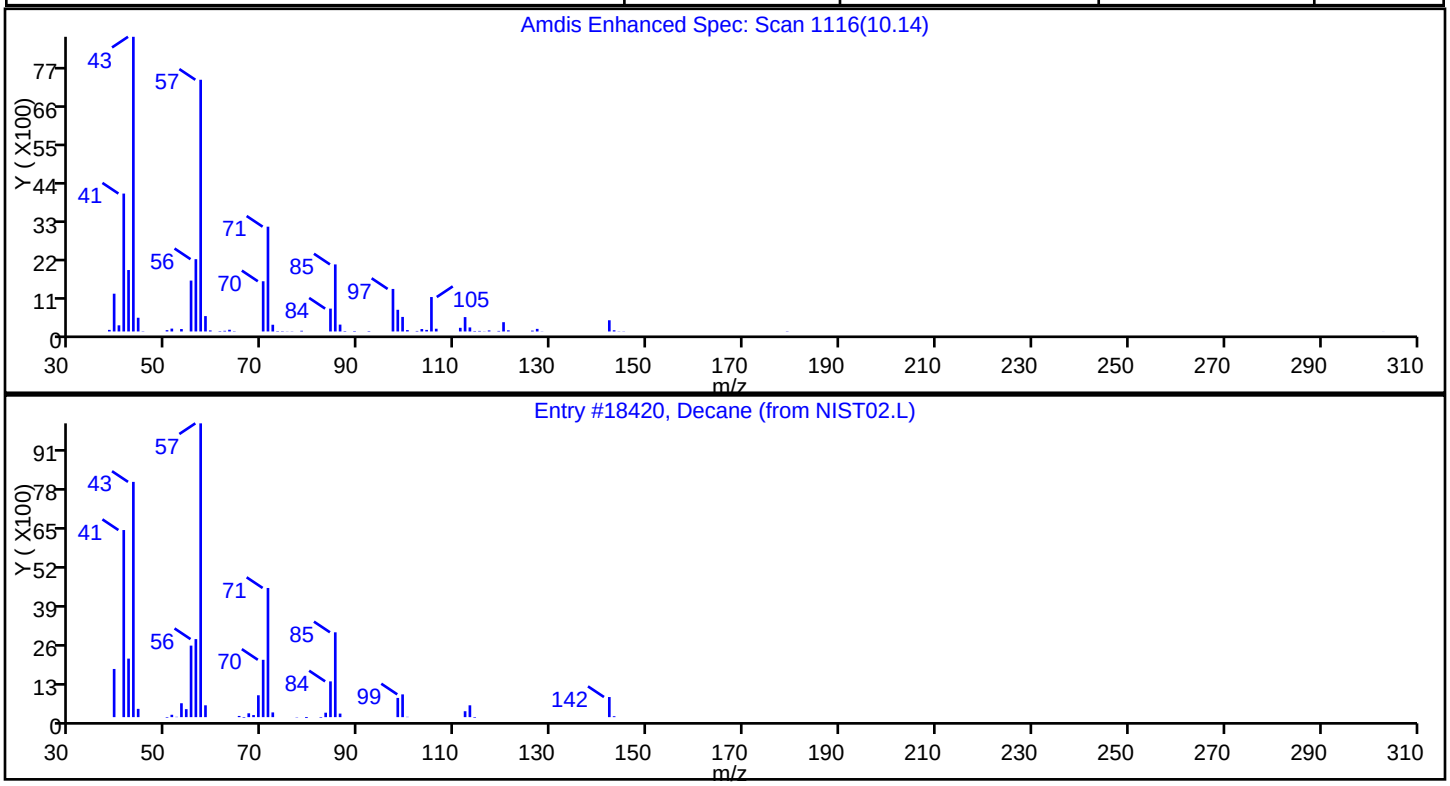


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D

Injection Date:	19-Sep-2013 19:36:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Decane	124-18-5	NIST02.L	18420	81



Report Date: 20-Sep-2013 17:36:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D

Injection Date: 19-Sep-2013 19:36:30 Limit Group: VOA - 8260B Water and Solid

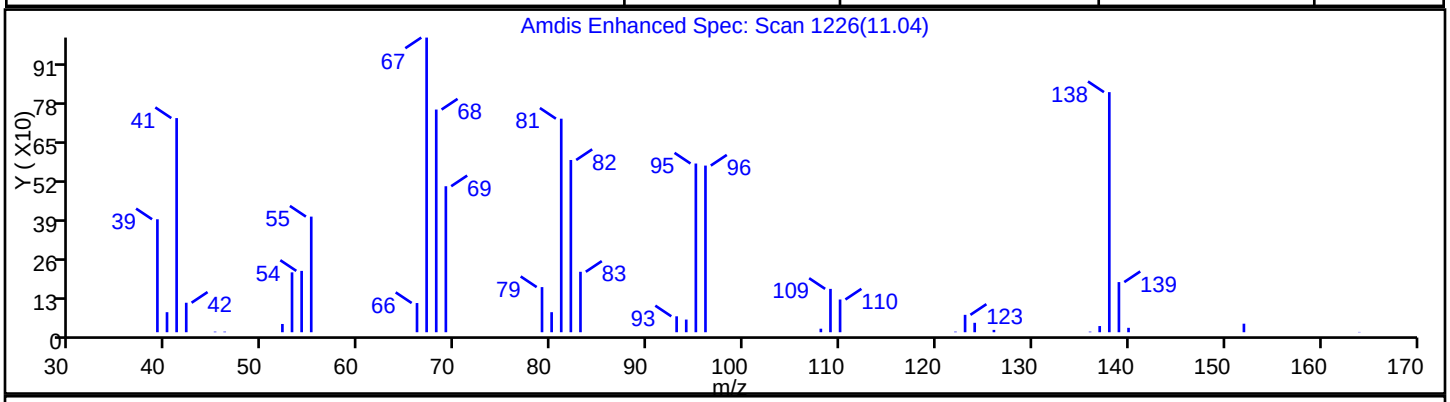
Client ID: PMP-5SE-SI Instrument ID: CVOAMS2

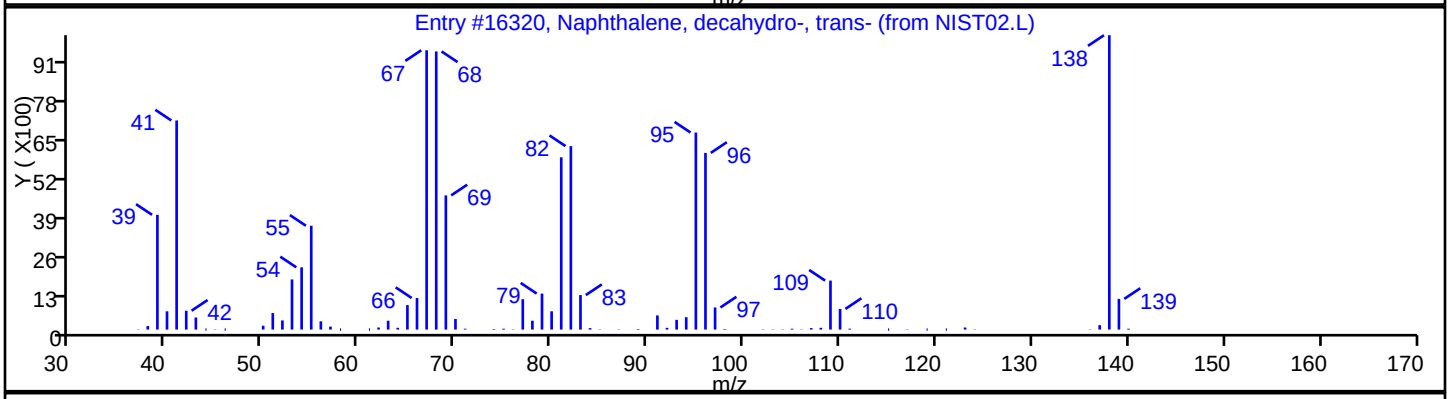
Lims Batch ID: 182095 Lims Sample ID: 21

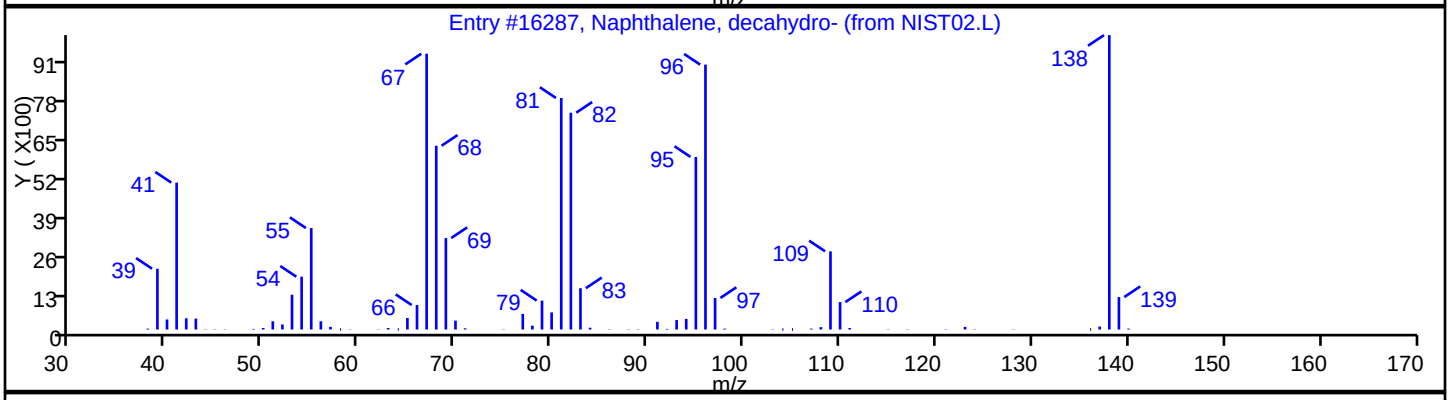
Operator ID: Purge Vol: 5.000 mL

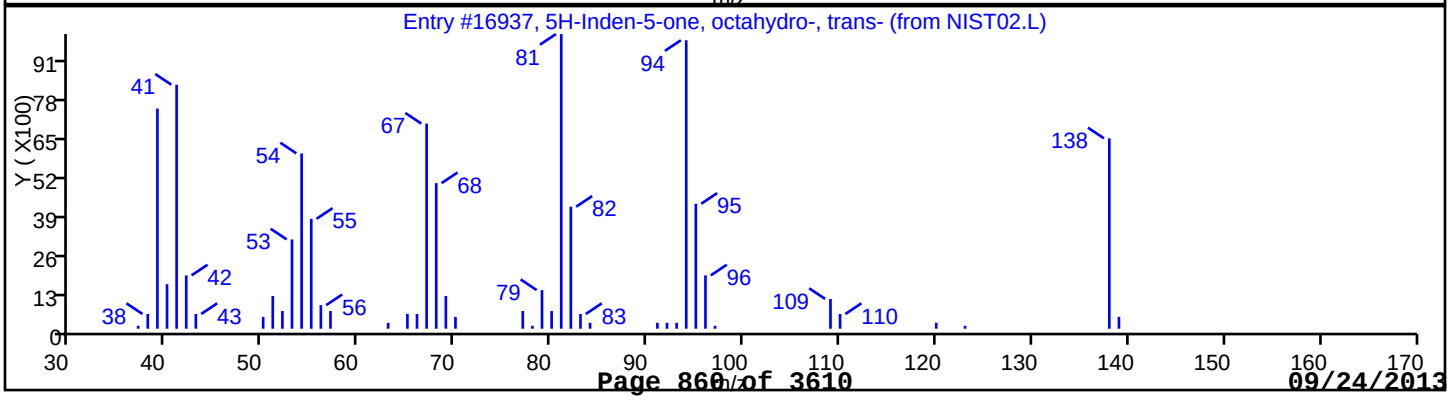
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-, trans-	493-02-7	NIST02.L	16320	98
Naphthalene, decahydro-	91-17-8	NIST02.L	16287	93
5H-Inden-5-one, octahydro-, trans-	4668-81-9	NIST02.L	16937	86









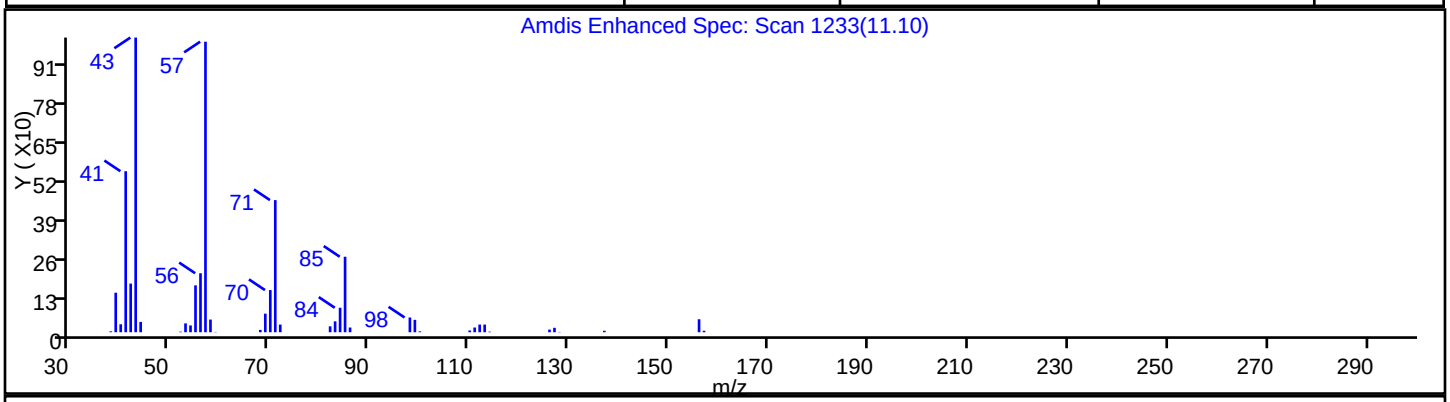
Report Date: 20-Sep-2013 17:36:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

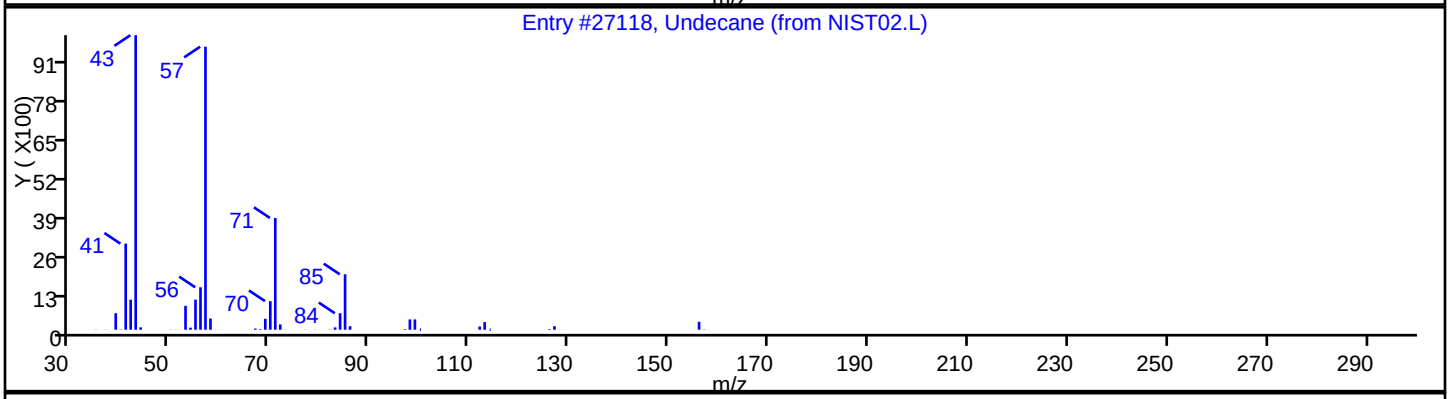
TestAmerica Edison

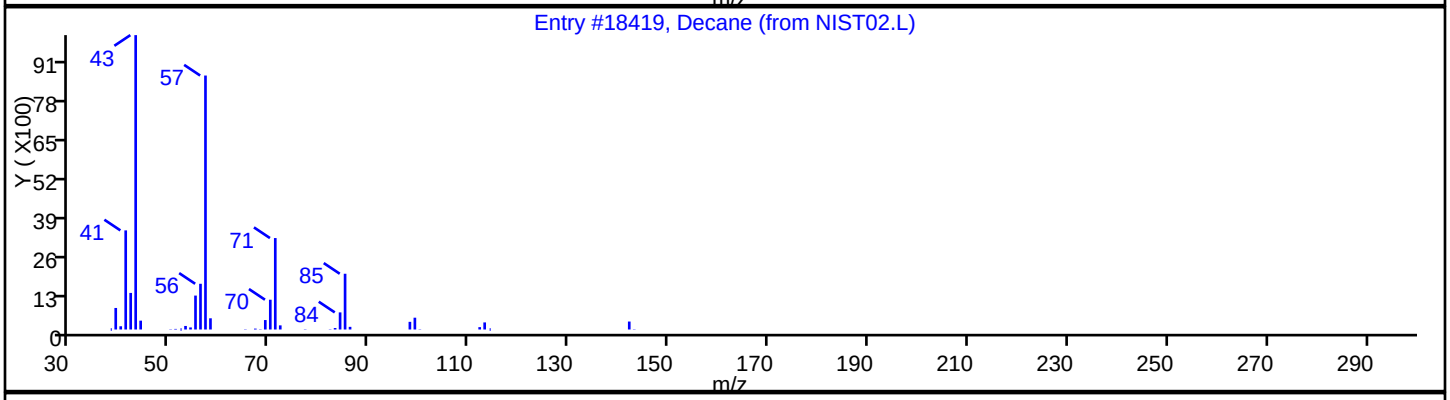
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D

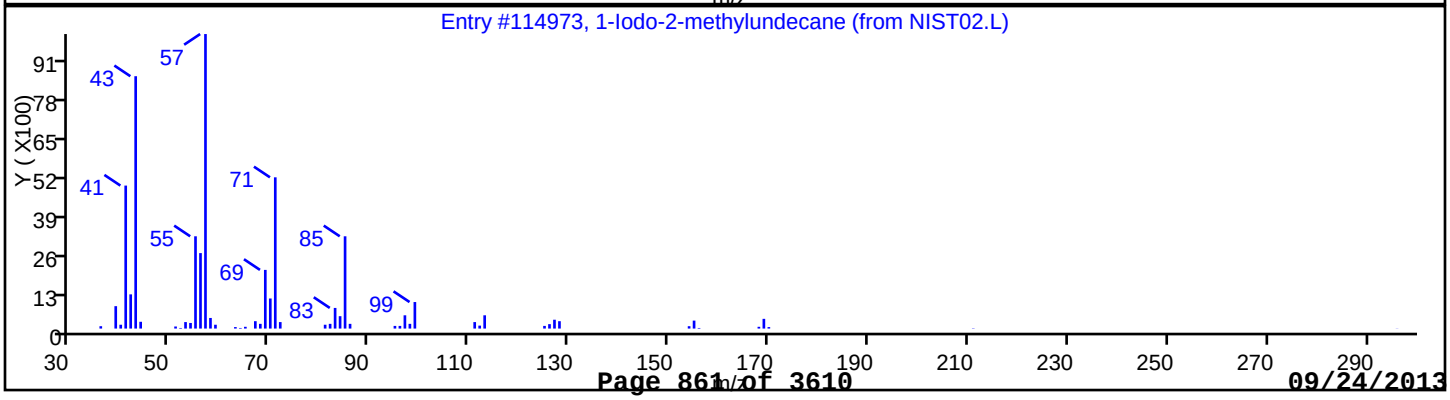
Injection Date:	19-Sep-2013 19:36:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Undecane	1120-21-4	NIST02.L	27118	91
Decane	124-18-5	NIST02.L	18419	90
1-Iodo-2-methylundecane	73105-67-6	NIST02.L	114973	78









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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D

Injection Date: 19-Sep-2013 19:36:30 Limit Group: VOA - 8260B Water and Solid

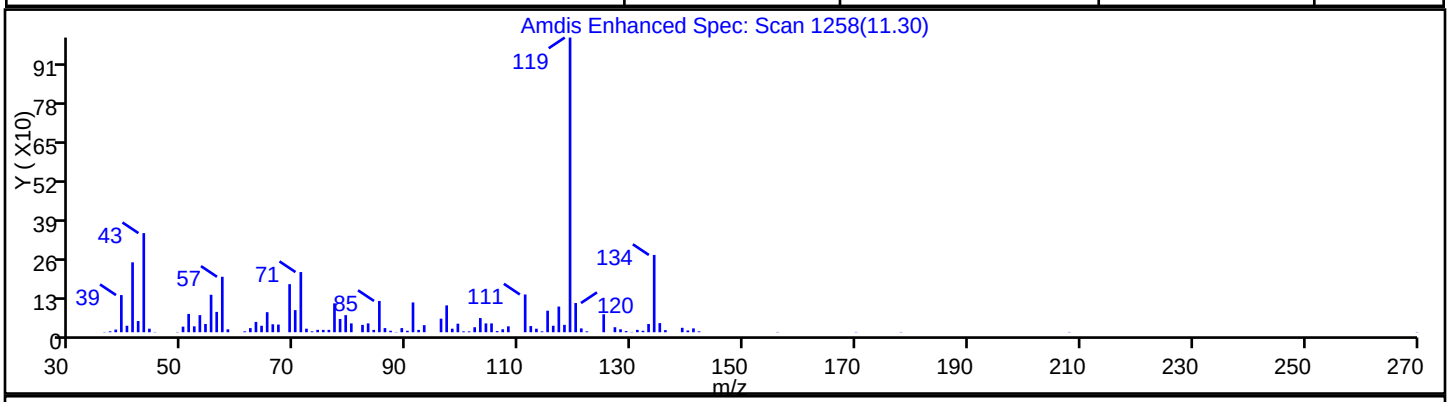
Client ID: PMP-5SE-SI Instrument ID: CVOAMS2

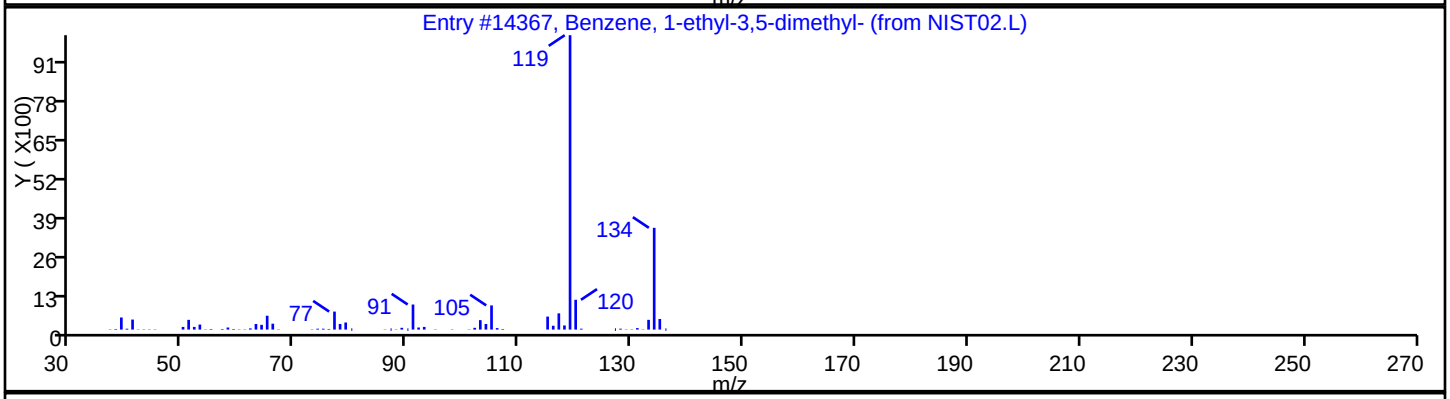
Lims Batch ID: 182095 Lims Sample ID: 21

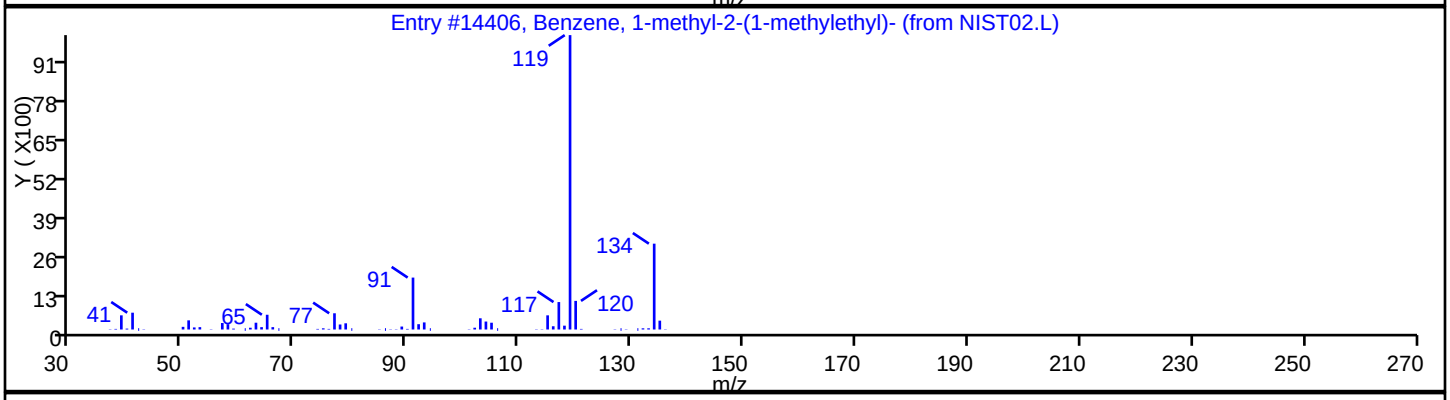
Operator ID: Purge Vol: 5.000 mL

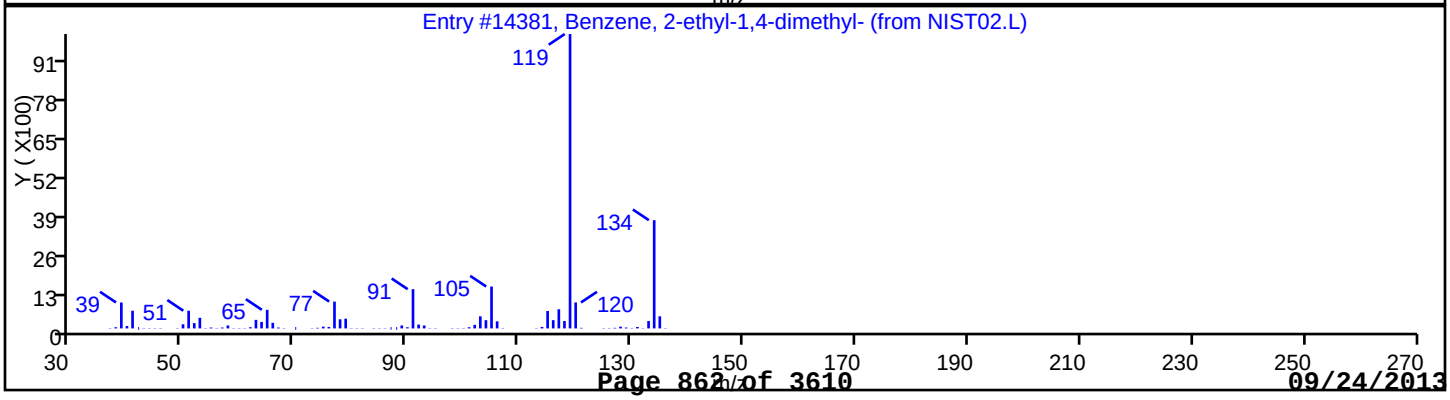
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.L	14367	92
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14406	83
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.L	14381	83









Report Date: 20-Sep-2013 17:36:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D

Injection Date: 19-Sep-2013 19:36:30 Limit Group: VOA - 8260B Water and Solid

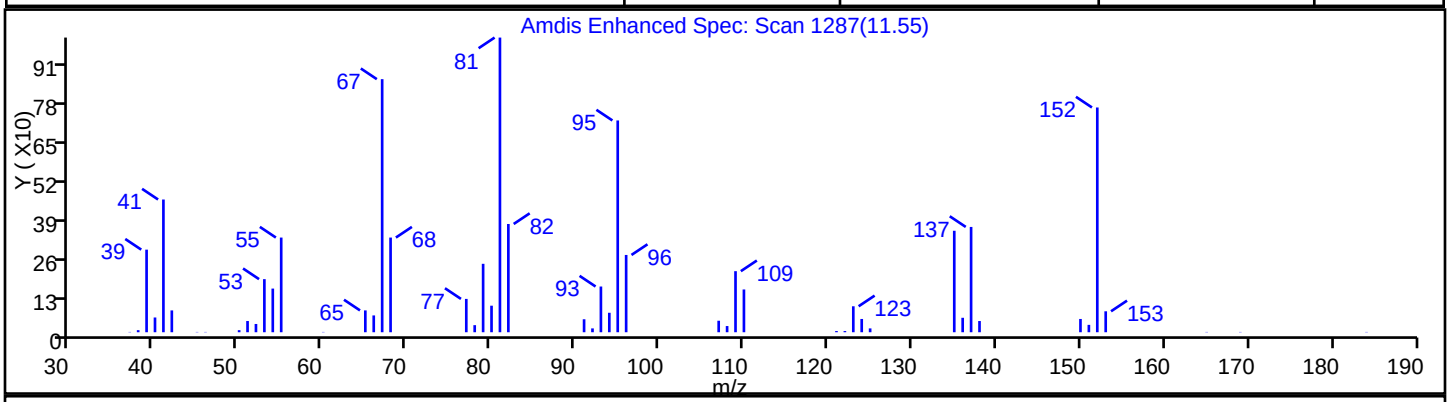
Client ID: PMP-5SE-SI Instrument ID: CVOAMS2

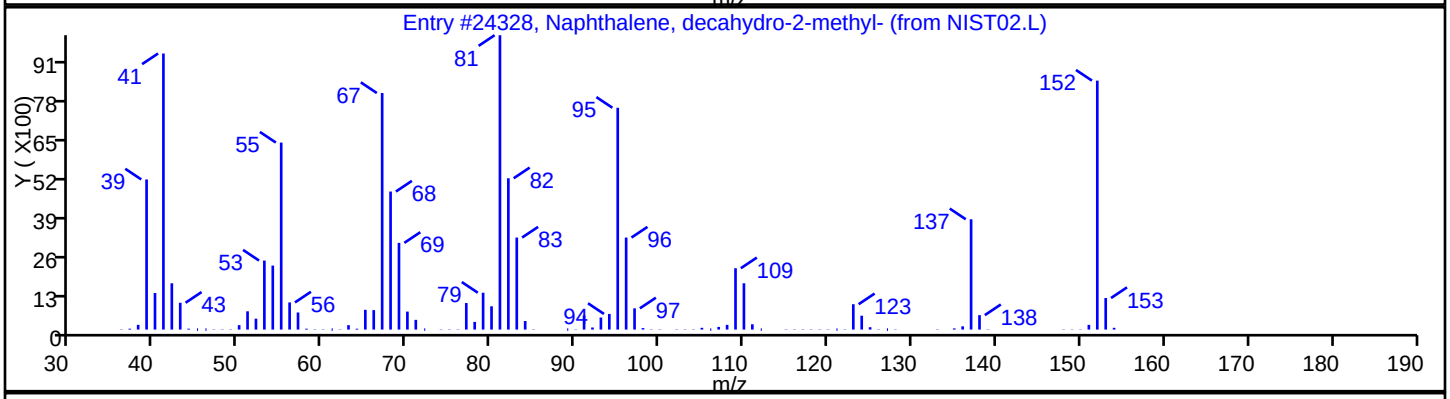
Lims Batch ID: 182095 Lims Sample ID: 21

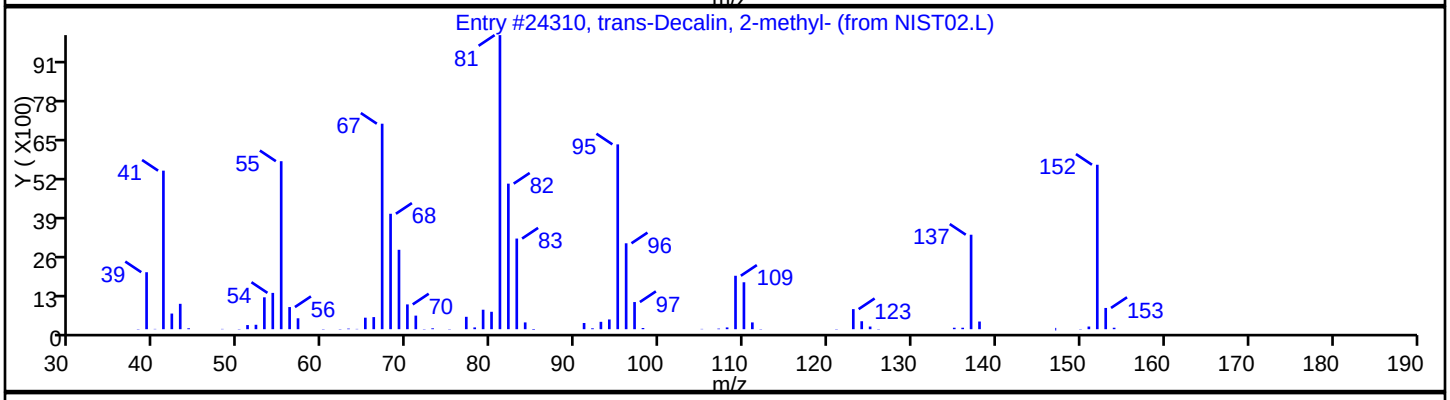
Operator ID: Purge Vol: 5.000 mL

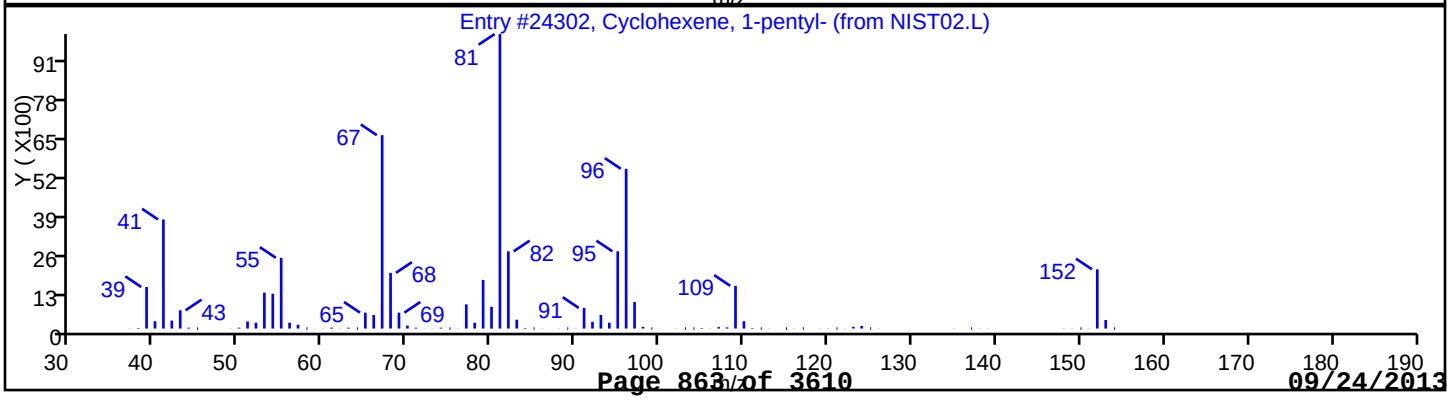
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	94
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	86
Cyclohexene, 1-pentyl-	15232-85-6	NIST02.L	24302	76









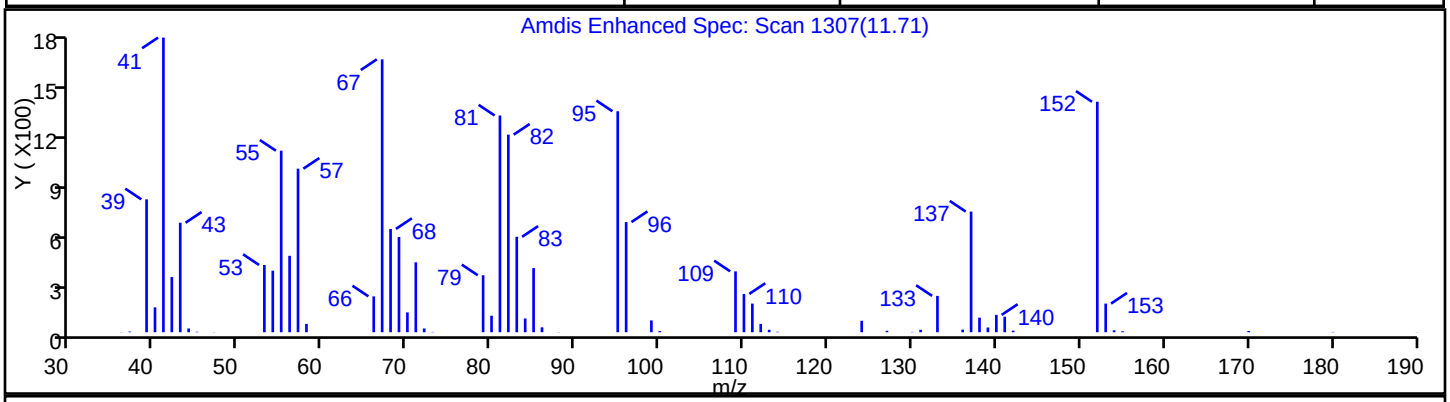
Report Date: 20-Sep-2013 17:36:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

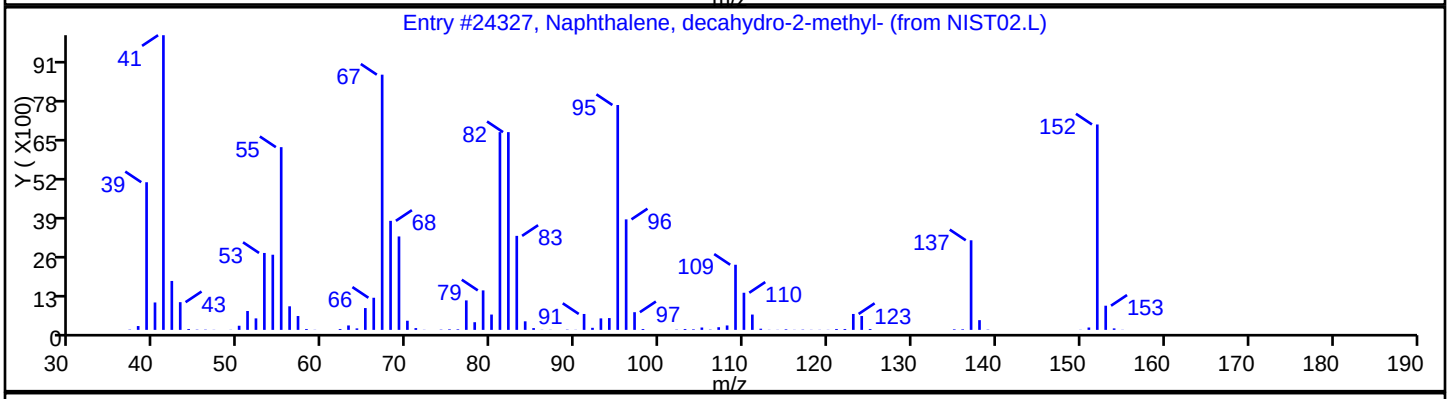
TestAmerica Edison

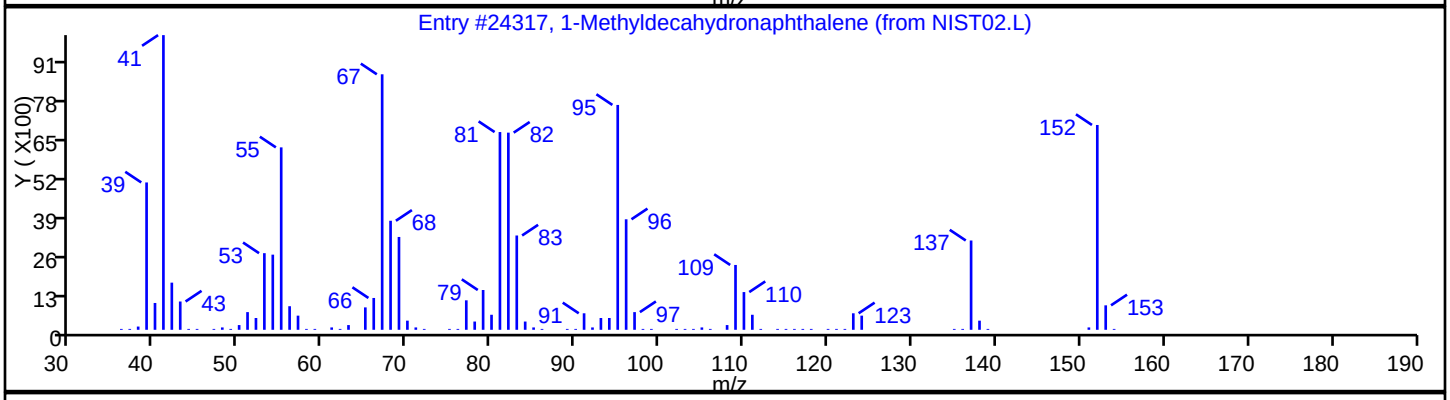
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D

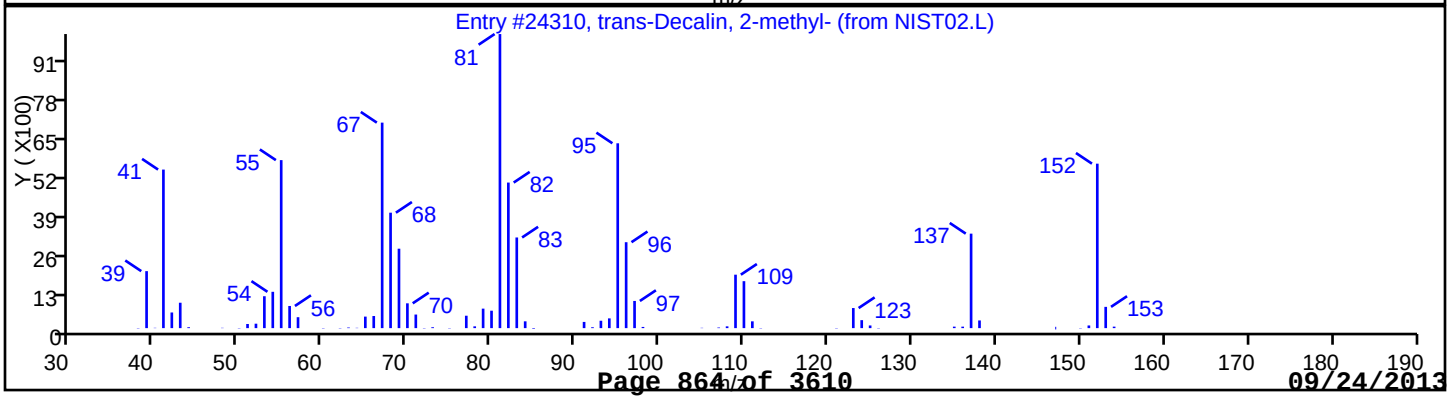
Injection Date:	19-Sep-2013 19:36:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24327	98
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	98
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	76









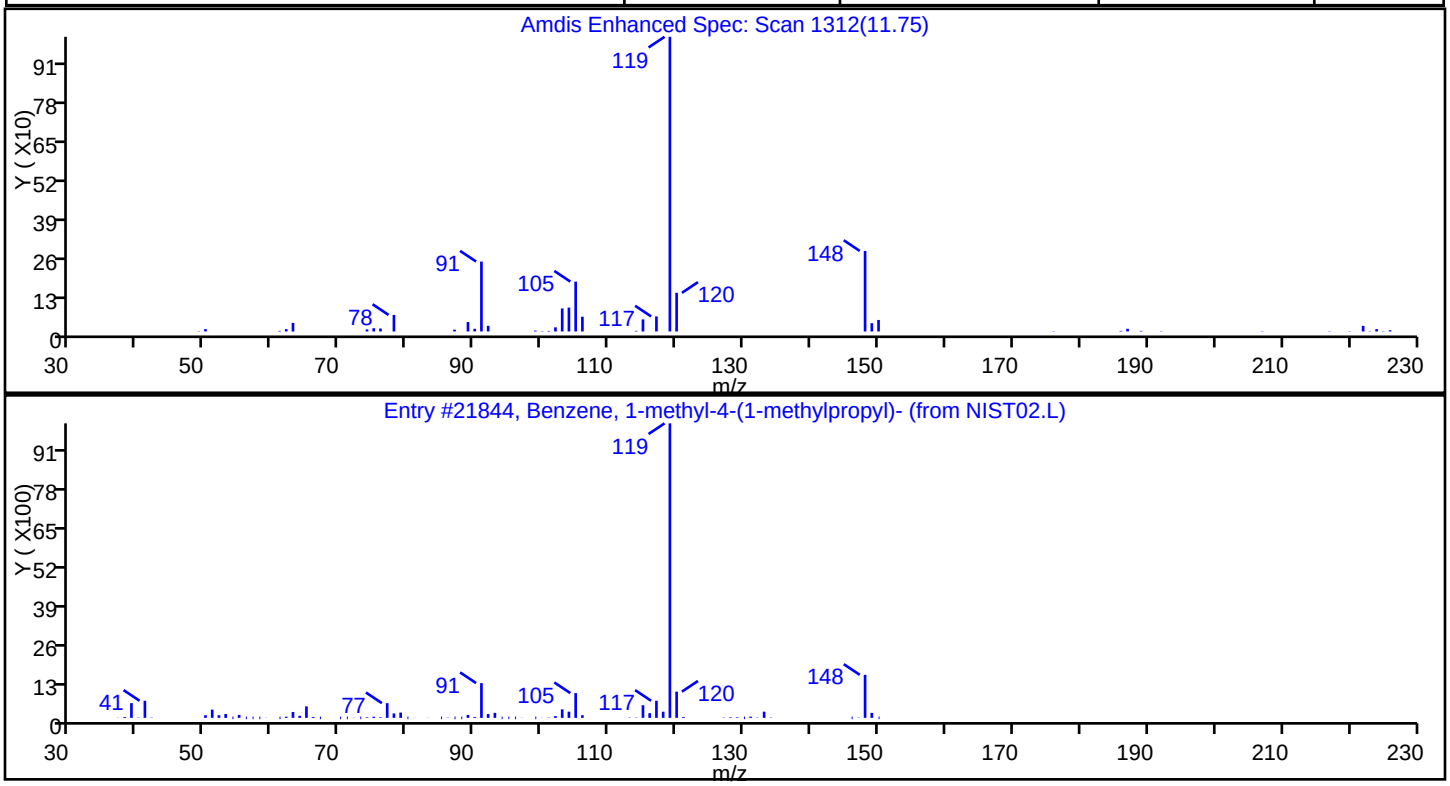
Report Date: 20-Sep-2013 17:36:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D

Injection Date:	19-Sep-2013 19:36:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	86

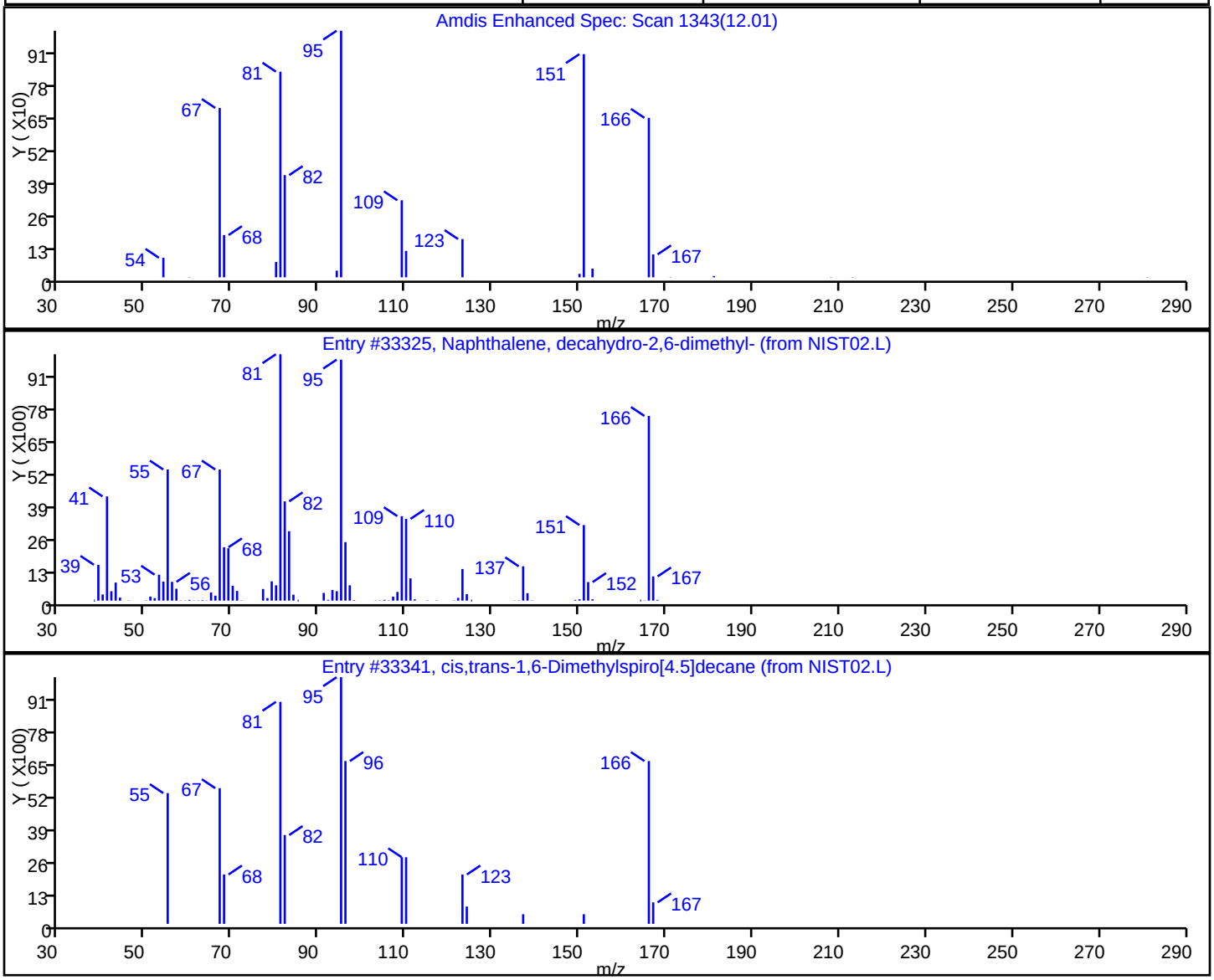


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D

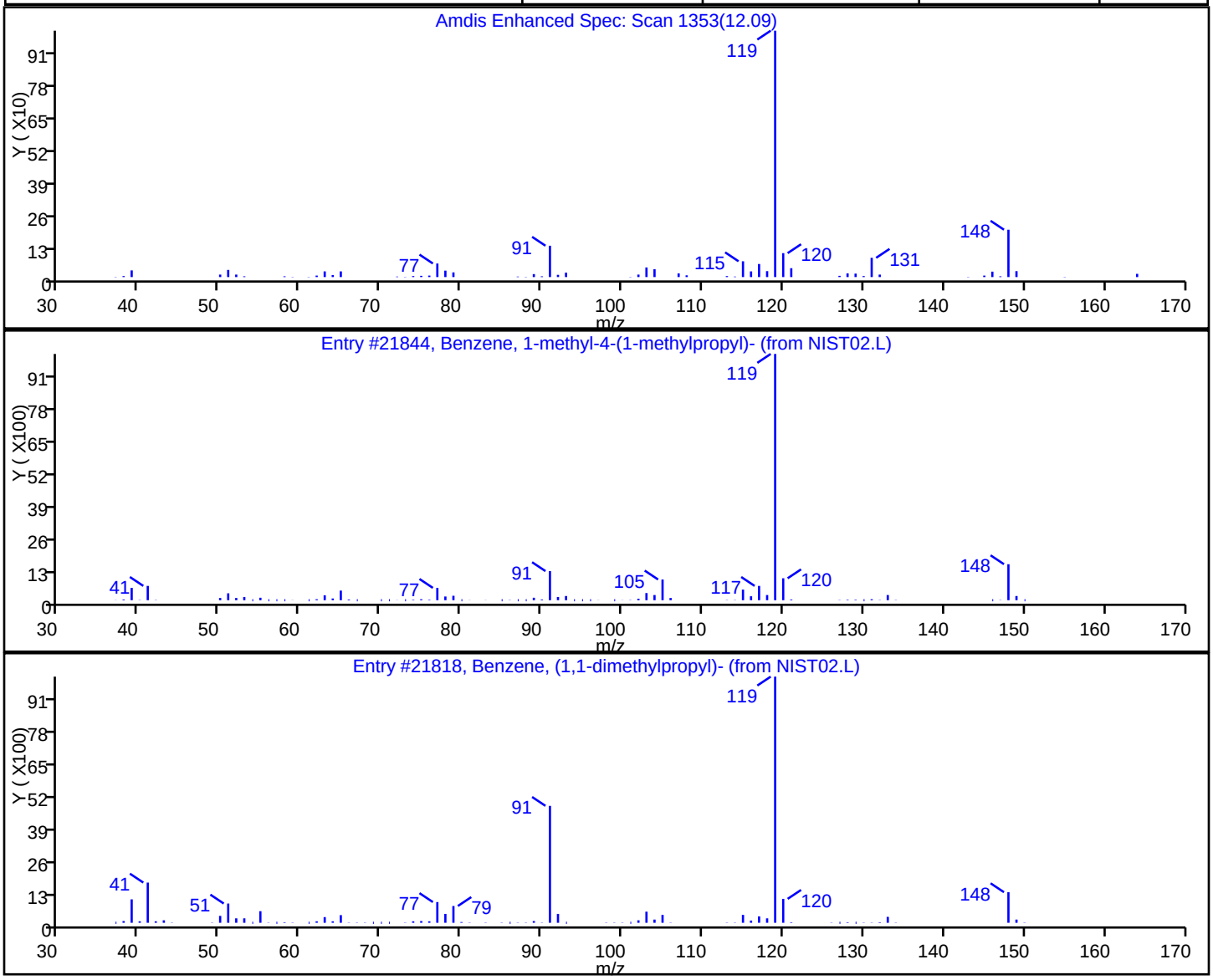
Injection Date:	19-Sep-2013 19:36:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-2,6-dimethyl-	1618-22-0	NIST02.L	33325	81
cis,trans-1,6-Dimethylspiro[4.5]decane	1000111-72-3	NIST02.L	33341	76



Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D
Injection Date: 19-Sep-2013 19:36:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-5SE-SI Instrument ID: CVOAMS2
Lims Batch ID: 182095 Lims Sample ID: 21
Operator ID: Purge Vol: 5.000 mL
Column Type: Rtx-624 Column Dia: 0.25 mm

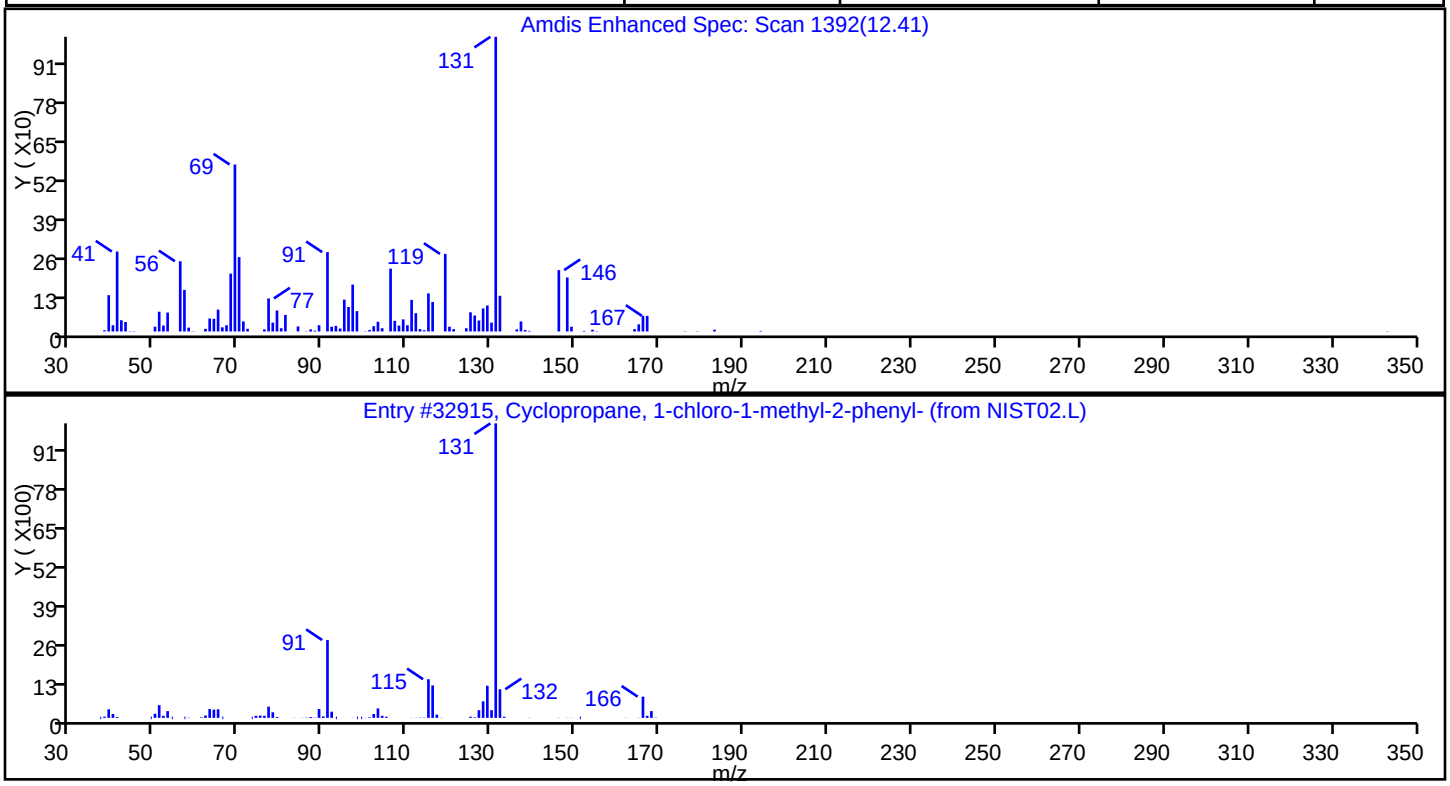
Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	90
Benzene, (1,1-dimethylpropyl)-	2049-95-8	NIST02.L	21818	78



Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60687.D

Injection Date:	19-Sep-2013 19:36:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-5SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Cyclopropane, 1-chloro-1-methyl-2-phenyl	1000161-07-9	NIST02.L	32915	86



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-VS | Lab Sample ID: 460-62993-7

Matrix: Solid | Lab File ID: O78105.D

Analysis Method: 8260B | Date Collected: 09/13/2013 08:50

Sample wt/vol: 3.461(g) | Date Analyzed: 09/20/2013 09:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.1 | Level: (low/med) Low

Analysis Batch No.: 182287 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.24	U	1.5	0.24
74-83-9	Bromomethane	0.65	U	1.5	0.65
75-01-4	Vinyl chloride	0.51	U	1.5	0.51
75-00-3	Chloroethane	0.50	U	1.5	0.50
75-09-2	Methylene Chloride	0.23	U	1.5	0.23
67-64-1	Acetone	9.5	B	7.5	2.5
75-15-0	Carbon disulfide	0.23	U	1.5	0.23
75-69-4	Trichlorofluoromethane	0.24	U	1.5	0.24
75-35-4	1,1-Dichloroethene	0.29	U	1.5	0.29
75-34-3	1,1-Dichloroethane	0.17	U	1.5	0.17
156-60-5	trans-1,2-Dichloroethene	0.20	U	1.5	0.20
156-59-2	cis-1,2-Dichloroethene	0.17	U	1.5	0.17
67-66-3	Chloroform	0.68	J	1.5	0.36
78-93-3	2-Butanone	0.95	U	7.5	0.95
107-06-2	1,2-Dichloroethane	0.27	U	1.5	0.27
71-55-6	1,1,1-Trichloroethane	0.20	U	1.5	0.20
56-23-5	Carbon tetrachloride	0.23	U	1.5	0.23
71-43-2	Benzene	0.23	U	1.5	0.23
75-25-2	Bromoform	0.26	U	1.5	0.26
100-42-5	Styrene	0.42	U	1.5	0.42
100-41-4	Ethylbenzene	0.26	U	1.5	0.26
108-90-7	Chlorobenzene	0.27	U	1.5	0.27
110-82-7	Cyclohexane	0.20	U	1.5	0.20
98-82-8	Isopropylbenzene	0.17	U	1.5	0.17
591-78-6	2-Hexanone	0.20	U	7.5	0.20
1634-04-4	MTBE	0.17	U	1.5	0.17
76-13-1	Freon TF	0.17	U	1.5	0.17
79-20-9	Methyl acetate	0.48	U	1.5	0.48
123-91-1	1,4-Dioxane	19	U	30	19
79-01-6	Trichloroethene	0.50	J	1.5	0.18
108-88-3	Toluene	0.21	U	1.5	0.21
10061-02-6	trans-1,3-Dichloropropene	0.15	U	1.5	0.15
108-10-1	4-Methyl-2-pentanone	0.30	U	7.5	0.30
10061-01-5	cis-1,3-Dichloropropene	0.21	U	1.5	0.21
95-50-1	1,2-Dichlorobenzene	0.15	U	1.5	0.15
541-73-1	1,3-Dichlorobenzene	0.24	U	1.5	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-VS | Lab Sample ID: 460-62993-7

Matrix: Solid | Lab File ID: O78105.D

Analysis Method: 8260B | Date Collected: 09/13/2013 08:50

Sample wt/vol: 3.461(g) | Date Analyzed: 09/20/2013 09:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.1 | Level: (low/med) Low

Analysis Batch No.: 182287 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.50	J	1.5	0.17
120-82-1	1,2,4-Trichlorobenzene	0.29	U	1.5	0.29
87-61-6	1,2,3-Trichlorobenzene	0.24	U	1.5	0.24
78-87-5	1,2-Dichloropropane	0.23	U	1.5	0.23
108-87-2	Methylcyclohexane	0.15	U	1.5	0.15
127-18-4	Tetrachloroethene	0.29	J	1.5	0.18
1330-20-7	Xylenes, Total	1.0	U	4.5	1.0
96-12-8	1,2-Dibromo-3-Chloropropane	0.66	U	1.5	0.66
79-34-5	1,1,2,2-Tetrachloroethane	0.14	U	1.5	0.14
79-00-5	1,1,2-Trichloroethane	0.21	U	1.5	0.21
124-48-1	Dibromochloromethane	0.15	U	1.5	0.15
106-93-4	1,2-Dibromoethane	0.23	U	1.5	0.23
75-71-8	Dichlorodifluoromethane	0.33	U	1.5	0.33
74-97-5	Bromochloromethane	0.17	U	1.5	0.17
75-27-4	Bromodichloromethane	0.48	U	1.5	0.48

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	128		70-130
2037-26-5	Toluene-d8 (Surr)	112		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	108		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-VS Lab Sample ID: 460-62993-7

Matrix: Solid Lab File ID: O78105.D

Analysis Method: 8260B Date Collected: 09/13/2013 08:50

Sample wt/vol: 3.461(g) Date Analyzed: 09/20/2013 09:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.1 Level: (low/med) Low

Analysis Batch No.: 182287 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78105.D		
Lims ID:	460-62993-A-7-A	Client ID:	PMP-8SE-VS
Inject. Date:	20-Sep-2013 09:30:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-7-A		
Misc. Info.:	460-0004833-011		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	10
Lims Batch ID:	182287	Lims Sample ID:	11
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\8260S_12.m		
Last Update:	20-Sep-2013 10:28:58	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK016		
First Level Reviewer: delpolitov		Date:	20-Sep-2013 10:28:58

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.639	1.625	0.014	73	6726	6.29	
* 151 TBA-d9 (IS)	65	1.904	1.904	0.0	93	326235	1000.0	
47 Chloroform	83	2.964	2.957	0.007	75	2408	0.4517	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	96	110502	53.9	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.366	3.359	0.007	87	116274	64.2	
* 59 Fluorobenzene	96	3.659	3.659	0.0	100	444671	50.0	
61 Trichloroethene	95	4.003	4.003	0.0	64	1098	0.3297	
* 150 1,4-Dioxane-d8	96	4.354	4.347	0.007	82	27585	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	495783	55.8	
80 Tetrachloroethene	166	6.066	6.073	-0.007	53	835	0.1953	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	84	443890	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	92	171560	49.4	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	257282	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	39	2949	0.3300	

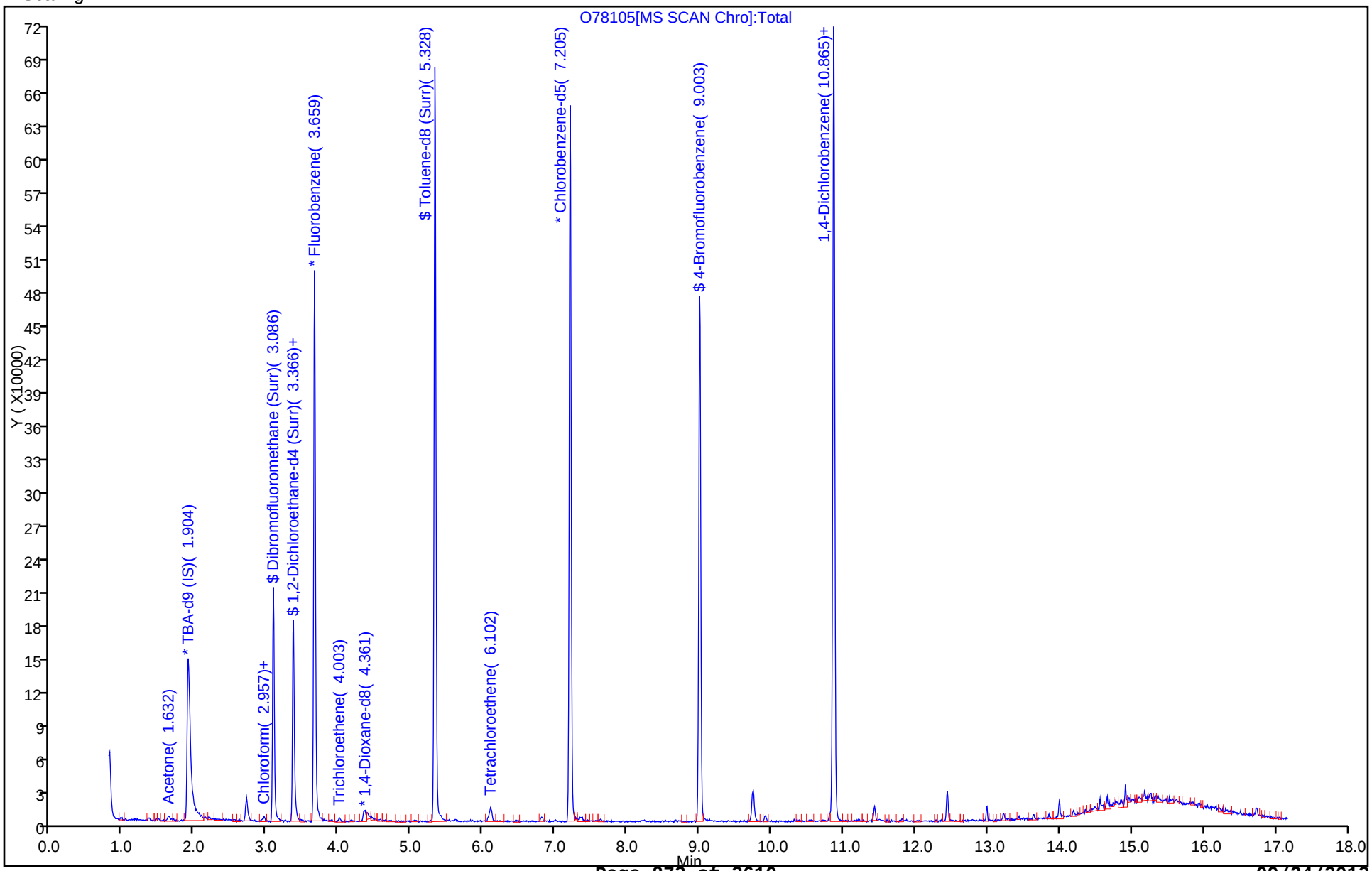
Report Date: 20-Sep-2013 10:28:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78105.D

Injection Date:	20-Sep-2013 09:30:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-8SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	11
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



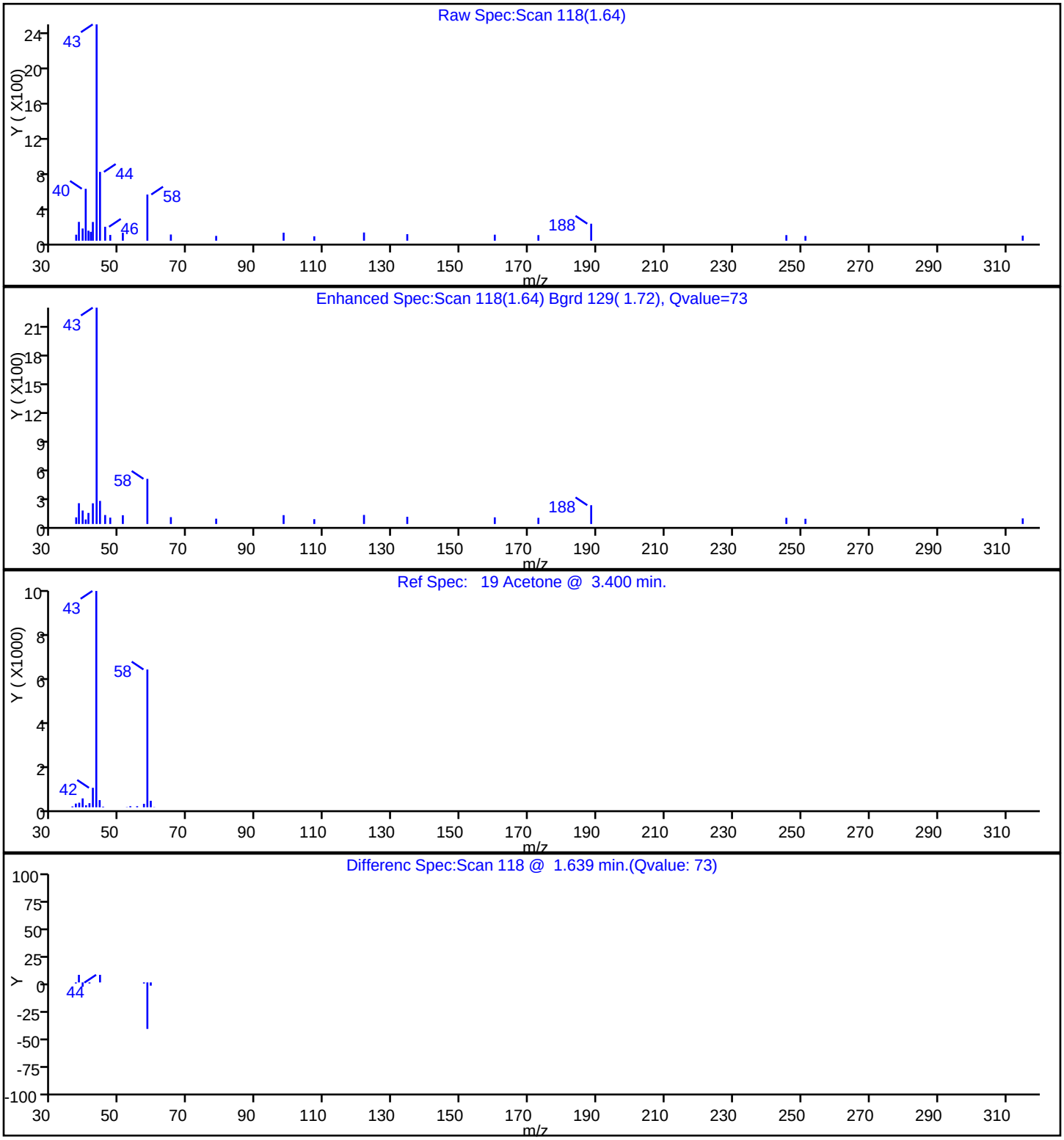
Report Date: 20-Sep-2013 10:28:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78105.D

Injection Date:	20-Sep-2013 09:30:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-8SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	11
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

19 Acetone



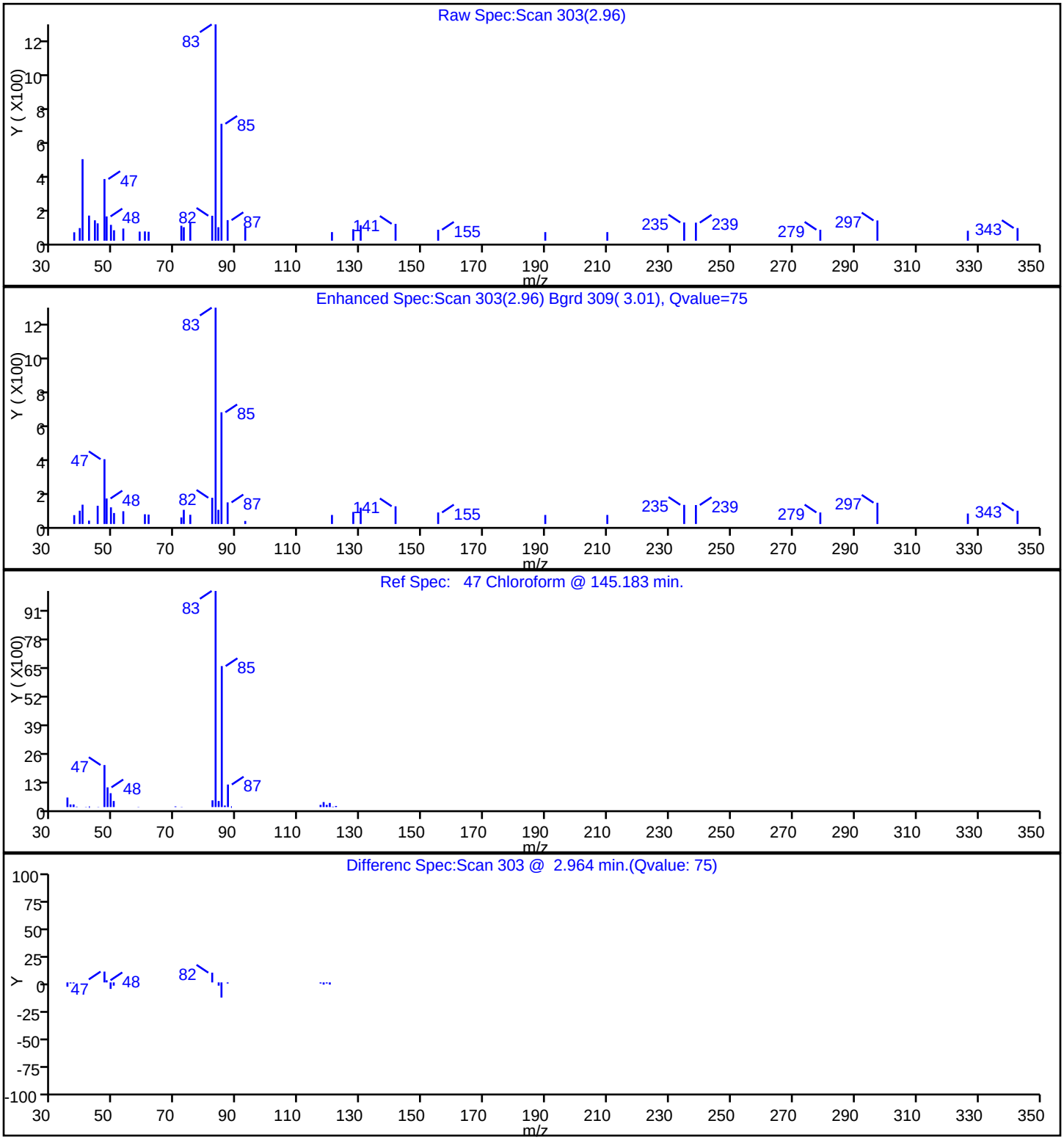
Report Date: 20-Sep-2013 10:28:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78105.D

Injection Date:	20-Sep-2013 09:30:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-8SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	11
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

47 Chloroform



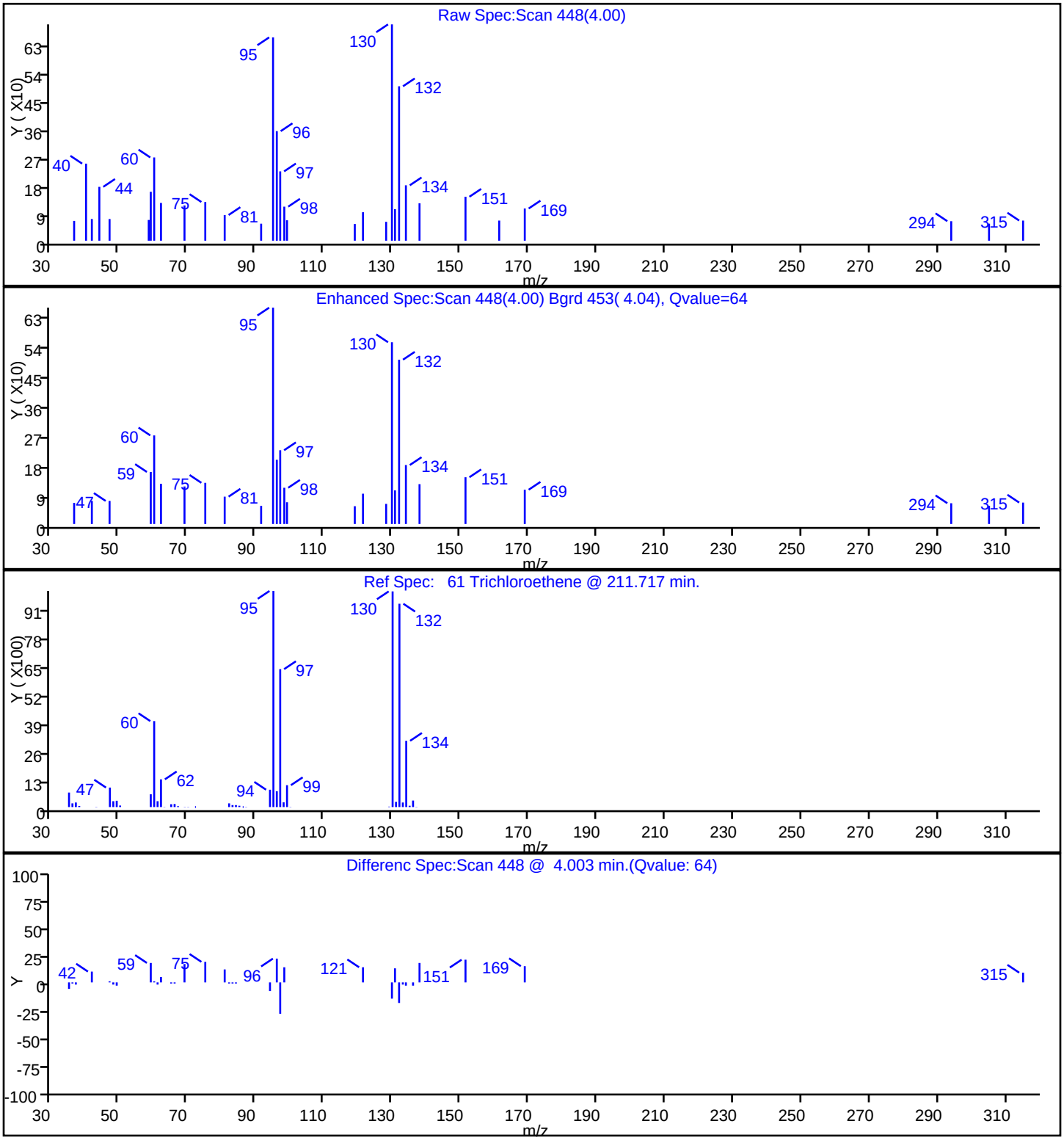
Report Date: 20-Sep-2013 10:28:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78105.D

Injection Date:	20-Sep-2013 09:30:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-8SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	11
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

61 Trichloroethene



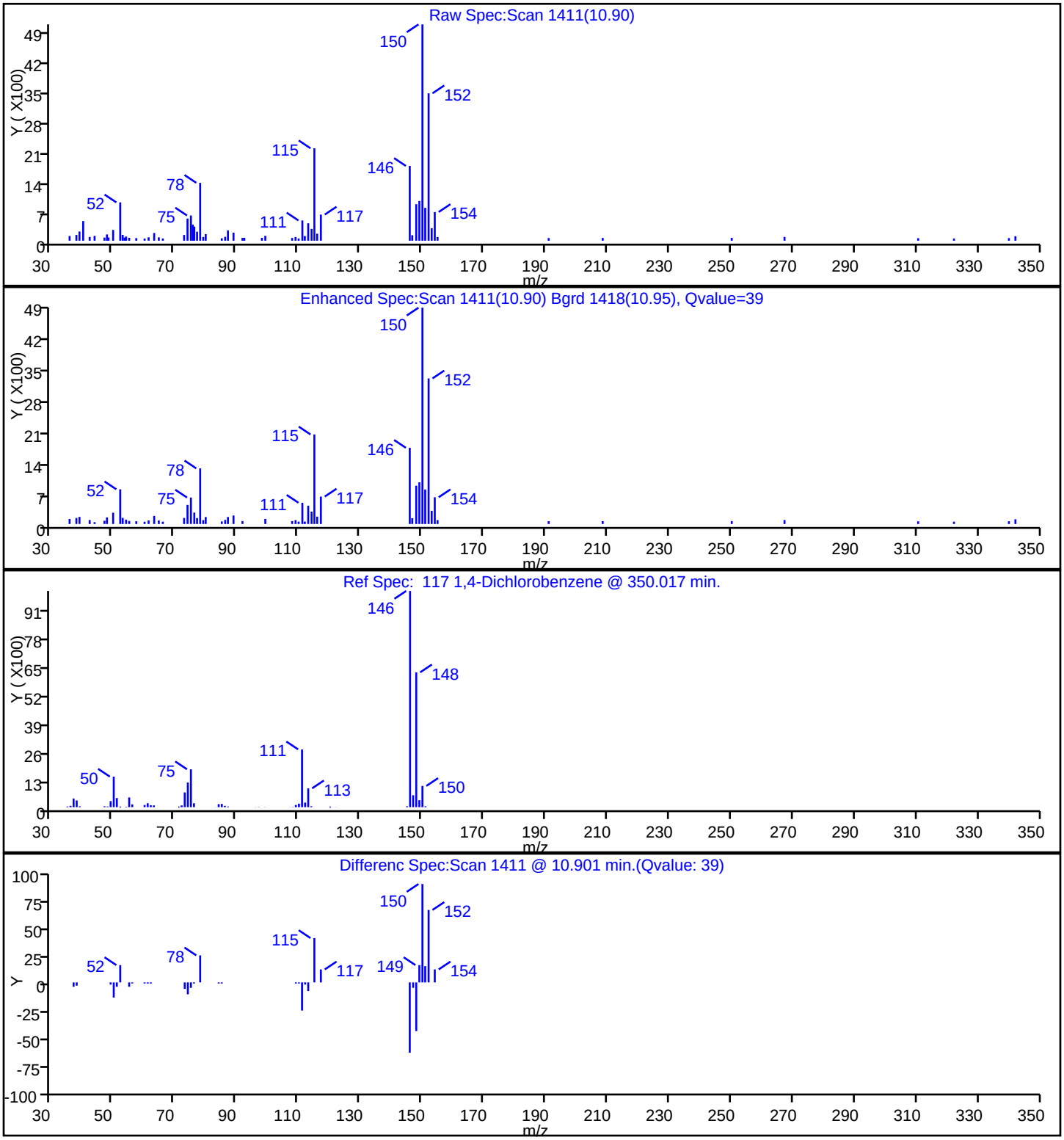
Report Date: 20-Sep-2013 10:28:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78105.D

Injection Date:	20-Sep-2013 09:30:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-8SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	11
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

117 1,4-Dichlorobenzene



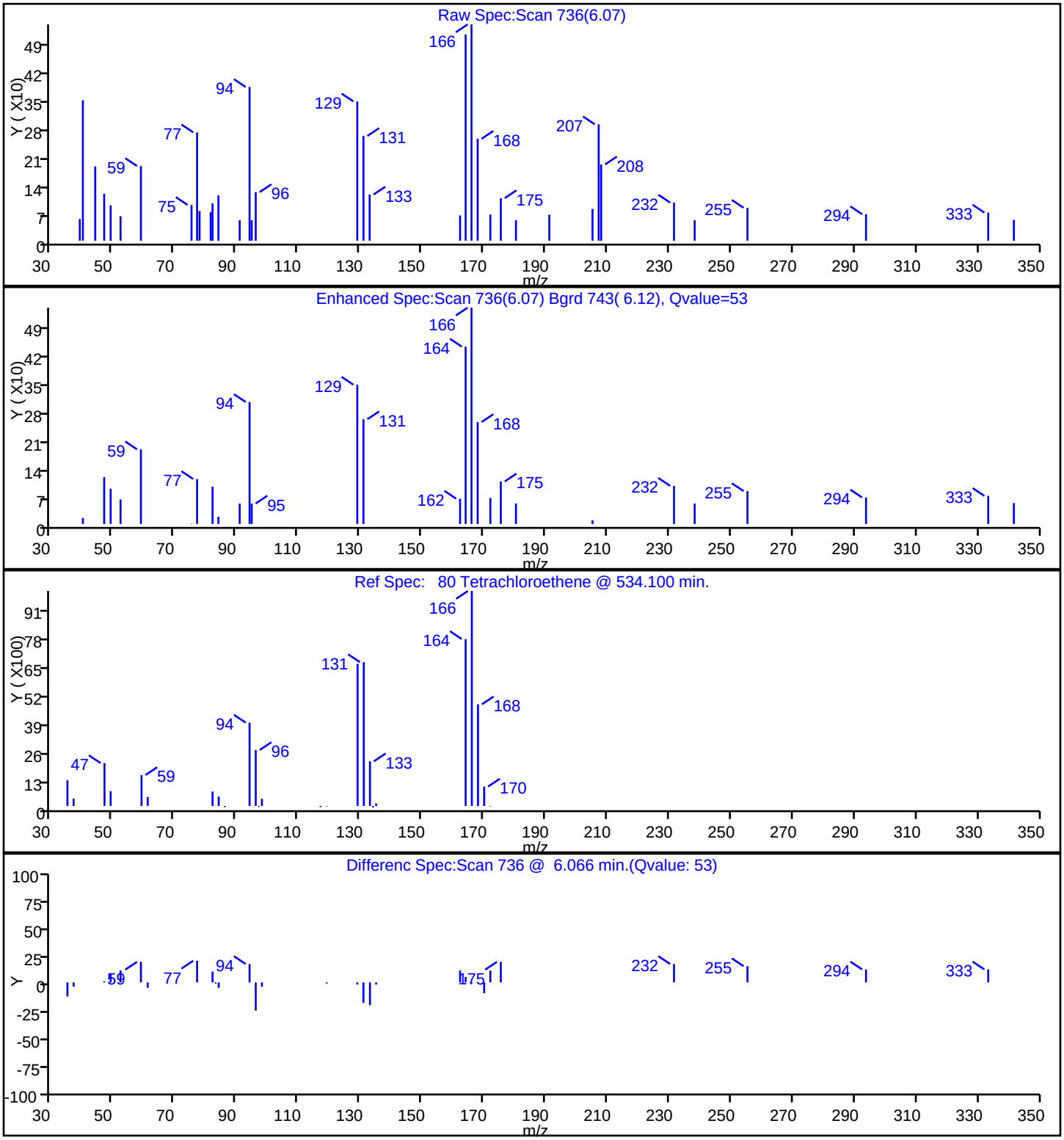
Report Date: 20-Sep-2013 10:28:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78105.D

Injection Date:	20-Sep-2013 09:30:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-8SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	11
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

80 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-VD | Lab Sample ID: 460-62993-8

Matrix: Solid | Lab File ID: O77919.D

Analysis Method: 8260B | Date Collected: 09/13/2013 08:55

Sample wt/vol: 6.801(g) | Date Analyzed: 09/16/2013 20:38

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.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.12	U	0.76	0.12
74-83-9	Bromomethane	0.33	U	0.76	0.33
75-01-4	Vinyl chloride	0.26	U	0.76	0.26
75-00-3	Chloroethane	0.25	U	0.76	0.25
75-09-2	Methylene Chloride	0.11	U	0.76	0.11
67-64-1	Acetone	1.3	U	3.8	1.3
75-15-0	Carbon disulfide	0.11	U	0.76	0.11
75-69-4	Trichlorofluoromethane	0.12	U	0.76	0.12
75-35-4	1,1-Dichloroethene	0.14	U	0.76	0.14
75-34-3	1,1-Dichloroethane	0.084	U	0.76	0.084
156-60-5	trans-1,2-Dichloroethene	0.099	U	0.76	0.099
156-59-2	cis-1,2-Dichloroethene	0.084	U	0.76	0.084
67-66-3	Chloroform	0.18	U	0.76	0.18
78-93-3	2-Butanone	0.48	U	3.8	0.48
107-06-2	1,2-Dichloroethane	0.14	U	0.76	0.14
71-55-6	1,1,1-Trichloroethane	0.099	U	0.76	0.099
56-23-5	Carbon tetrachloride	0.11	U	0.76	0.11
71-43-2	Benzene	0.11	U	0.76	0.11
75-25-2	Bromoform	0.13	U	0.76	0.13
100-42-5	Styrene	0.21	U	0.76	0.21
100-41-4	Ethylbenzene	0.13	U	0.76	0.13
108-90-7	Chlorobenzene	0.14	U	0.76	0.14
110-82-7	Cyclohexane	0.099	U	0.76	0.099
98-82-8	Isopropylbenzene	0.084	U	0.76	0.084
591-78-6	2-Hexanone	0.099	U	3.8	0.099
1634-04-4	MTBE	0.084	U	0.76	0.084
76-13-1	Freon TF	0.084	U	0.76	0.084
79-20-9	Methyl acetate	0.24	U	0.76	0.24
123-91-1	1,4-Dioxane	9.7	U	15	9.7
79-01-6	Trichloroethene	0.092	U	0.76	0.092
108-88-3	Toluene	0.11	U	0.76	0.11
10061-02-6	trans-1,3-Dichloropropene	0.076	U	0.76	0.076
108-10-1	4-Methyl-2-pentanone	0.15	U	3.8	0.15
10061-01-5	cis-1,3-Dichloropropene	0.11	U	0.76	0.11
95-50-1	1,2-Dichlorobenzene	0.076	U	0.76	0.076
541-73-1	1,3-Dichlorobenzene	0.12	U	0.76	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-VD | Lab Sample ID: 460-62993-8

Matrix: Solid | Lab File ID: O77919.D

Analysis Method: 8260B | Date Collected: 09/13/2013 08:55

Sample wt/vol: 6.801(g) | Date Analyzed: 09/16/2013 20:38

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.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.084	U	0.76	0.084
120-82-1	1,2,4-Trichlorobenzene	0.14	U	0.76	0.14
87-61-6	1,2,3-Trichlorobenzene	0.12	U	0.76	0.12
78-87-5	1,2-Dichloropropane	0.11	U	0.76	0.11
108-87-2	Methylcyclohexane	0.076	U	0.76	0.076
127-18-4	Tetrachloroethene	0.092	U	0.76	0.092
1330-20-7	Xylenes, Total	0.51	U	2.3	0.51
96-12-8	1,2-Dibromo-3-Chloropropane	0.34	U	0.76	0.34
79-34-5	1,1,2,2-Tetrachloroethane	0.069	U	0.76	0.069
79-00-5	1,1,2-Trichloroethane	0.11	U	0.76	0.11
124-48-1	Dibromochloromethane	0.076	U	0.76	0.076
106-93-4	1,2-Dibromoethane	0.11	U	0.76	0.11
75-71-8	Dichlorodifluoromethane	0.17	U	0.76	0.17
74-97-5	Bromochloromethane	0.084	U	0.76	0.084
75-27-4	Bromodichloromethane	0.24	U	0.76	0.24

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-130
2037-26-5	Toluene-d8 (Surr)	107		70-130
460-00-4	Bromofluorobenzene	98		70-130
1868-53-7	Dibromofluoromethane (Surr)	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-VD Lab Sample ID: 460-62993-8

Matrix: Solid Lab File ID: O77919.D

Analysis Method: 8260B Date Collected: 09/13/2013 08:55

Sample wt/vol: 6.801(g) Date Analyzed: 09/16/2013 20:38

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.: 181583 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77919.D		
Lims ID:	460-62993-A-8-A	Client ID:	PMP-8SE-VD
Inject. Date:	16-Sep-2013 20:38:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-8-A		
Misc. Info.:	460-0004675-012		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	11
Lims Batch ID:	181583	Lims Sample ID:	12
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m		
Last Update:	17-Sep-2013 11:05:37	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK037		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 11:05:37

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	1.897	1.897	0.0	95	254315	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.079	0.007	97	88664	48.9	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.359	3.358	0.001	88	92882	58.0	
* 59 Fluorobenzene	96	3.659	3.652	0.007	100	393263	50.0	
* 150 1,4-Dioxane-d8	96	4.347	4.354	-0.007	83	21085	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	395519	53.5	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	369498	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	93	141339	48.9	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	211964	50.0	

Report Date: 17-Sep-2013 11:05:37 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77919.D

Injection Date:	16-Sep-2013 20:38:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-8SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	12
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-WT | Lab Sample ID: 460-62993-9

Matrix: Solid | Lab File ID: O77920.D

Analysis Method: 8260B | Date Collected: 09/13/2013 09:00

Sample wt/vol: 6.37(g) | Date Analyzed: 09/16/2013 21:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.1 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.14	U	0.86	0.14
74-83-9	Bromomethane	0.37	U	0.86	0.37
75-01-4	Vinyl chloride	0.29	U	0.86	0.29
75-00-3	Chloroethane	0.28	U	0.86	0.28
75-09-2	Methylene Chloride	0.13	U	0.86	0.13
67-64-1	Acetone	3.9	J B	4.3	1.5
75-15-0	Carbon disulfide	0.13	U	0.86	0.13
75-69-4	Trichlorofluoromethane	0.14	U	0.86	0.14
75-35-4	1,1-Dichloroethene	0.16	U	0.86	0.16
75-34-3	1,1-Dichloroethane	0.095	U	0.86	0.095
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.86	0.11
156-59-2	cis-1,2-Dichloroethene	0.095	U	0.86	0.095
67-66-3	Chloroform	2.0		0.86	0.21
78-93-3	2-Butanone	0.54	U	4.3	0.54
107-06-2	1,2-Dichloroethane	0.16	U	0.86	0.16
71-55-6	1,1,1-Trichloroethane	0.11	U	0.86	0.11
56-23-5	Carbon tetrachloride	0.13	U	0.86	0.13
71-43-2	Benzene	0.13	U	0.86	0.13
75-25-2	Bromoform	0.15	U	0.86	0.15
100-42-5	Styrene	0.24	U	0.86	0.24
100-41-4	Ethylbenzene	0.15	U	0.86	0.15
108-90-7	Chlorobenzene	0.16	U	0.86	0.16
110-82-7	Cyclohexane	0.11	U	0.86	0.11
98-82-8	Isopropylbenzene	0.095	U	0.86	0.095
591-78-6	2-Hexanone	0.11	U	4.3	0.11
1634-04-4	MTBE	0.095	U	0.86	0.095
76-13-1	Freon TF	0.095	U	0.86	0.095
79-20-9	Methyl acetate	0.28	U	0.86	0.28
123-91-1	1,4-Dioxane	11	U	17	11
79-01-6	Trichloroethene	0.19	J	0.86	0.10
108-88-3	Toluene	0.12	U	0.86	0.12
10061-02-6	trans-1,3-Dichloropropene	0.086	U	0.86	0.086
108-10-1	4-Methyl-2-pentanone	0.17	U	4.3	0.17
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.86	0.12
95-50-1	1,2-Dichlorobenzene	0.086	U	0.86	0.086
541-73-1	1,3-Dichlorobenzene	0.14	U	0.86	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-WT | Lab Sample ID: 460-62993-9

Matrix: Solid | Lab File ID: O77920.D

Analysis Method: 8260B | Date Collected: 09/13/2013 09:00

Sample wt/vol: 6.37(g) | Date Analyzed: 09/16/2013 21:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.1 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.51	J	0.86	0.095
120-82-1	1,2,4-Trichlorobenzene	0.16	U	0.86	0.16
87-61-6	1,2,3-Trichlorobenzene	0.39	J	0.86	0.14
78-87-5	1,2-Dichloropropane	0.13	U	0.86	0.13
108-87-2	Methylcyclohexane	0.086	U	0.86	0.086
127-18-4	Tetrachloroethene	0.14	J	0.86	0.10
1330-20-7	Xylenes, Total	0.58	U	2.6	0.58
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	0.86	0.38
79-34-5	1,1,2,2-Tetrachloroethane	0.078	U	0.86	0.078
79-00-5	1,1,2-Trichloroethane	0.12	U	0.86	0.12
124-48-1	Dibromochloromethane	0.086	U	0.86	0.086
106-93-4	1,2-Dibromoethane	0.13	U	0.86	0.13
75-71-8	Dichlorodifluoromethane	0.19	U	0.86	0.19
74-97-5	Bromochloromethane	0.095	U	0.86	0.095
75-27-4	Bromodichloromethane	0.28	U	0.86	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-130
2037-26-5	Toluene-d8 (Surr)	110		70-130
460-00-4	Bromofluorobenzene	101		70-130
1868-53-7	Dibromofluoromethane (Surr)	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-WT Lab Sample ID: 460-62993-9

Matrix: Solid Lab File ID: O77920.D

Analysis Method: 8260B Date Collected: 09/13/2013 09:00

Sample wt/vol: 6.37(g) Date Analyzed: 09/16/2013 21:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.1 Level: (low/med) Low

Analysis Batch No.: 181583 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77920.D		
Lims ID:	460-62993-A-9-A	Client ID:	PMP-8SE-WT
Inject. Date:	16-Sep-2013 21:03:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-9-A		
Misc. Info.:	460-0004675-013		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	12
Lims Batch ID:	181583	Lims Sample ID:	13
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m		
Last Update:	17-Sep-2013 11:06:26	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK037		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 11:06:26

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.632	1.625	0.007	69	5030	4.49	
* 151 TBA-d9 (IS)	65	1.904	1.897	0.007	88	227528	1000.0	
47 Chloroform	83	2.957	2.950	0.007	97	10669	2.29	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.079	0.007	97	90390	50.5	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.366	3.358	0.008	87	89717	56.8	
* 59 Fluorobenzene	96	3.659	3.652	0.007	100	388035	50.0	
61 Trichloroethene	95	3.996	3.996	0.0	42	652	0.2243	
* 150 1,4-Dioxane-d8	96	4.368	4.354	0.014	83	18244	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	395850	54.8	
80 Tetrachloroethene	166	6.073	6.066	0.007	38	569	0.1638	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	360596	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	94	142820	50.6	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	207236	50.0	
117 1,4-Dichlorobenzene	146	10.894	10.901	-0.007	50	4261	0.5920	
128 1,2,3-Trichlorobenzene	180	13.645	13.645	0.001	75	2221	0.4465	

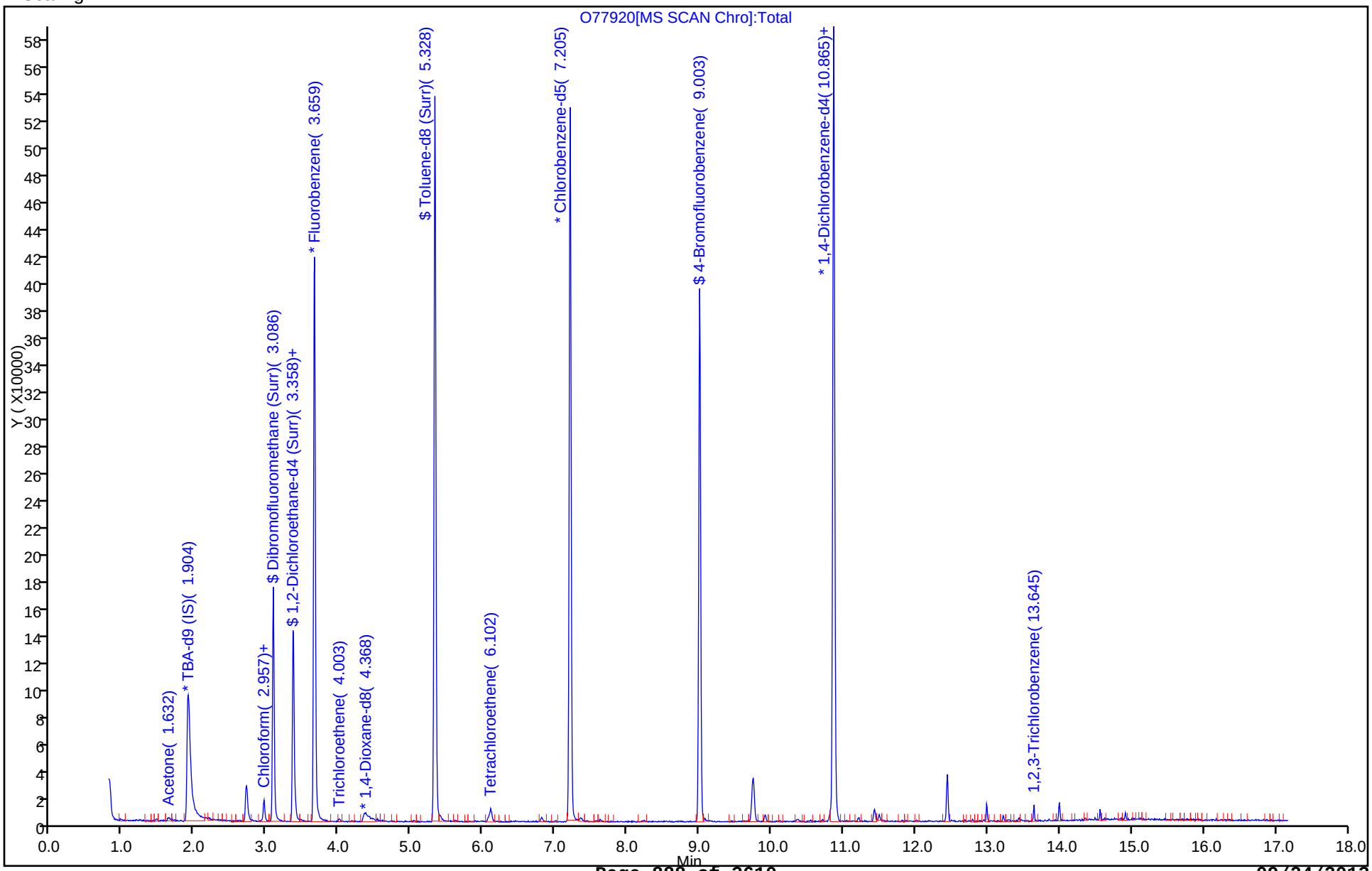
Report Date: 17-Sep-2013 11:06:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77920.D

Injection Date:	16-Sep-2013 21:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-8SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	13
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

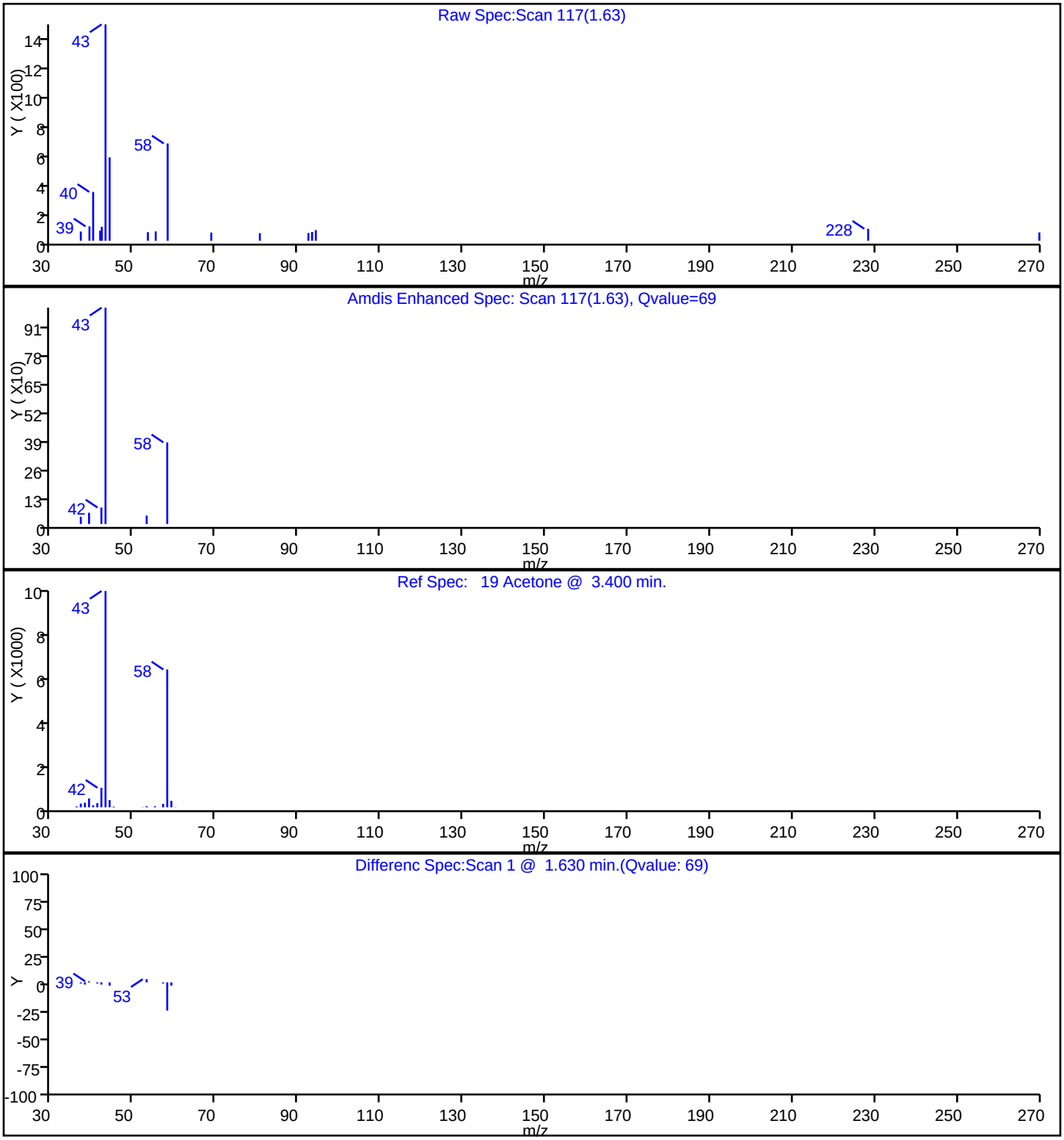
Y Scaling:



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77920.D		
Injection Date:	16-Sep-2013 21:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-8SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	13
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

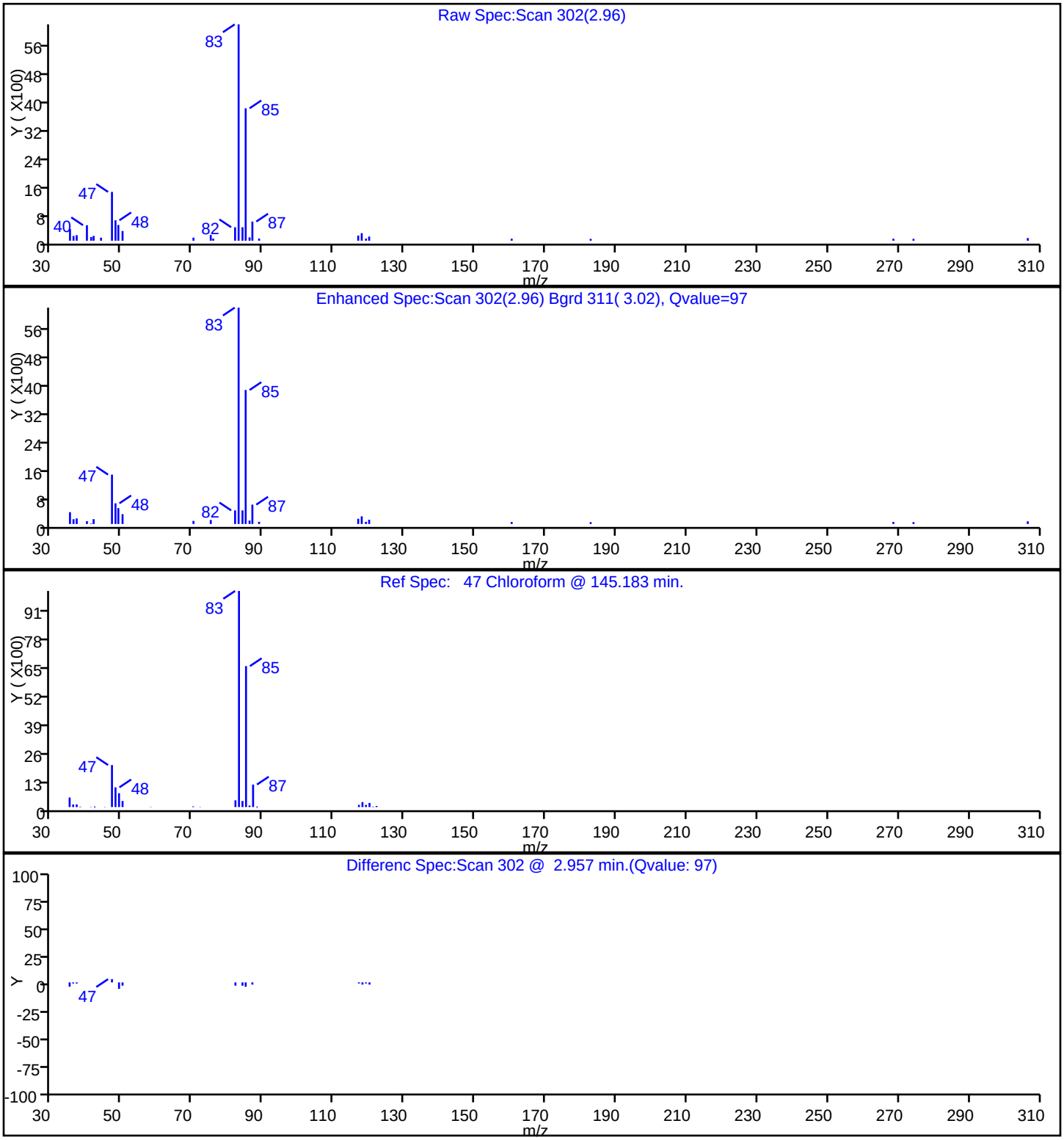
19 Acetone



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77920.D		
Injection Date:	16-Sep-2013 21:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-8SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	13
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



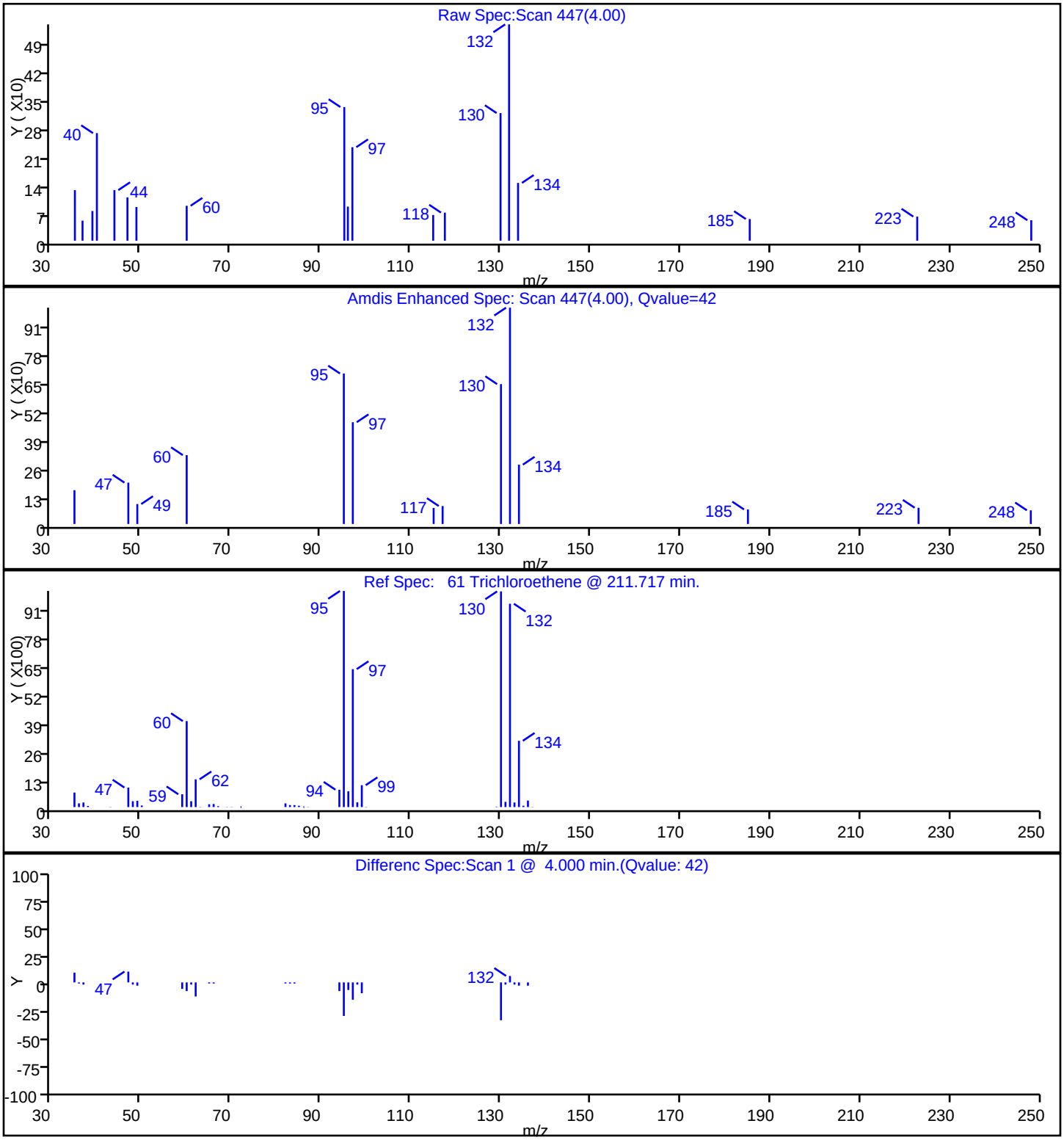
Report Date: 17-Sep-2013 11:06:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77920.D

Injection Date:	16-Sep-2013 21:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-8SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	13
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

61 Trichloroethene



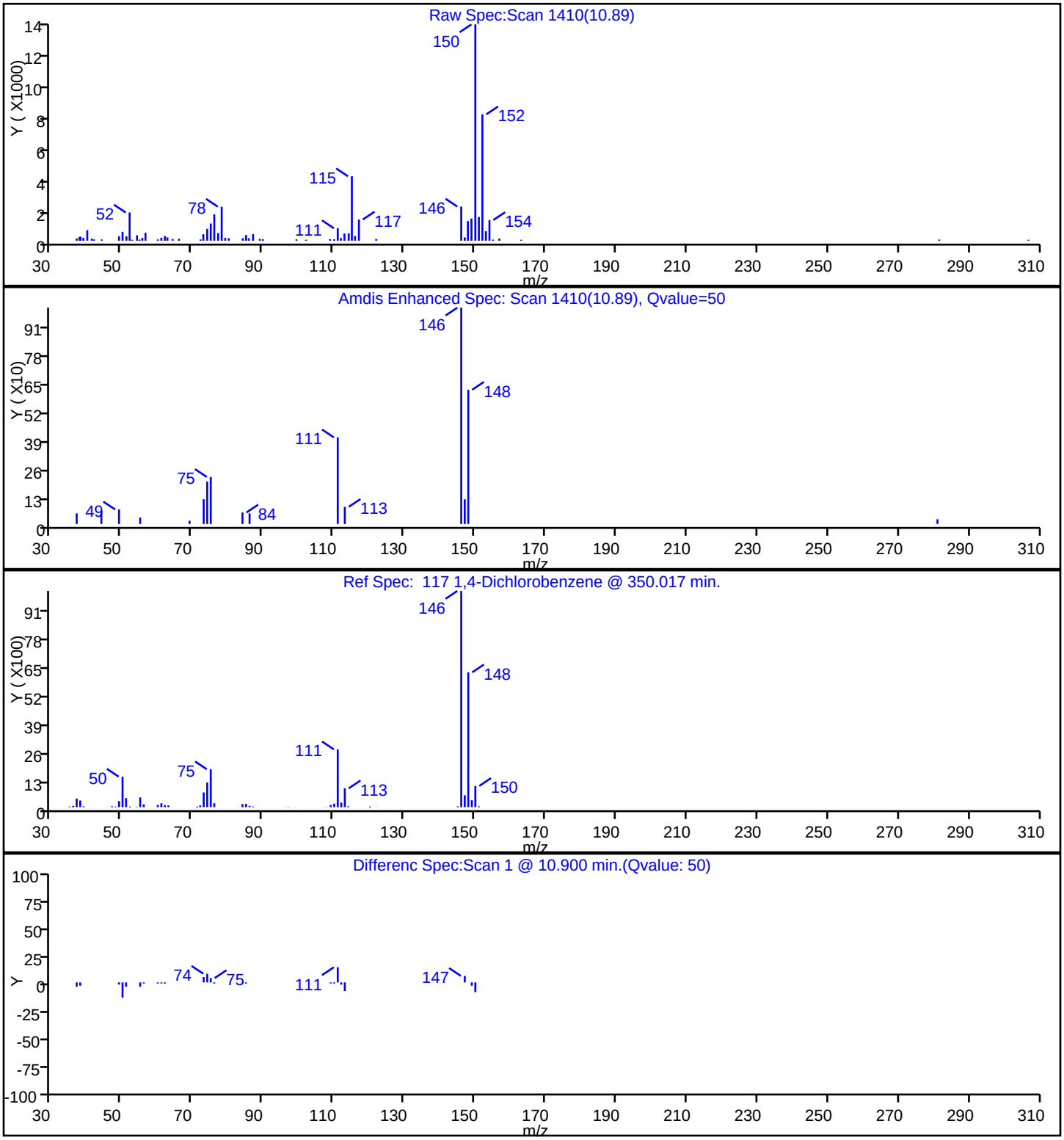
Report Date: 17-Sep-2013 11:06:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77920.D

Injection Date:	16-Sep-2013 21:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-8SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	13
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



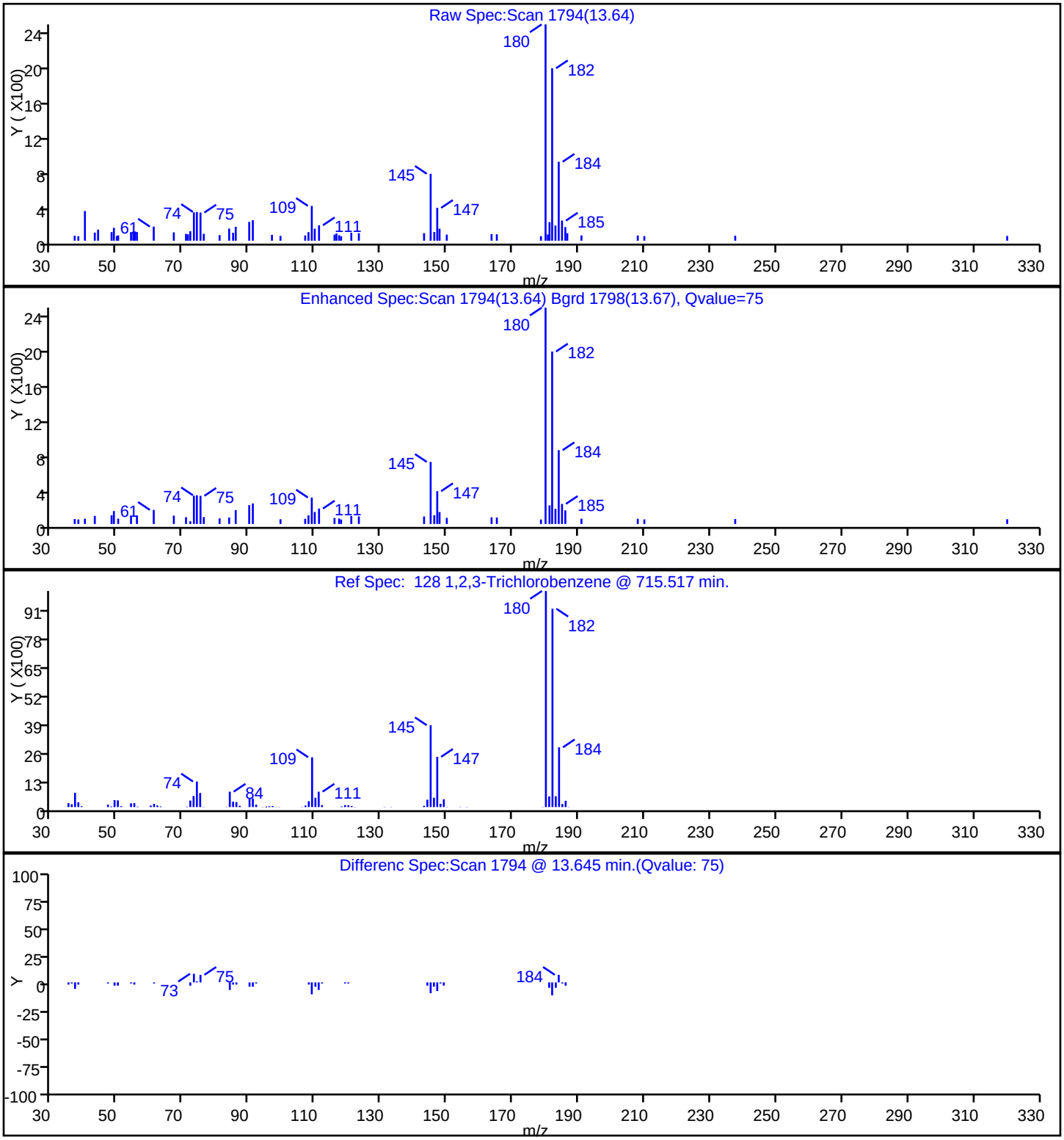
Report Date: 17-Sep-2013 11:06:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77920.D

Injection Date:	16-Sep-2013 21:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-8SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	13
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

128 1,2,3-Trichlorobenzene



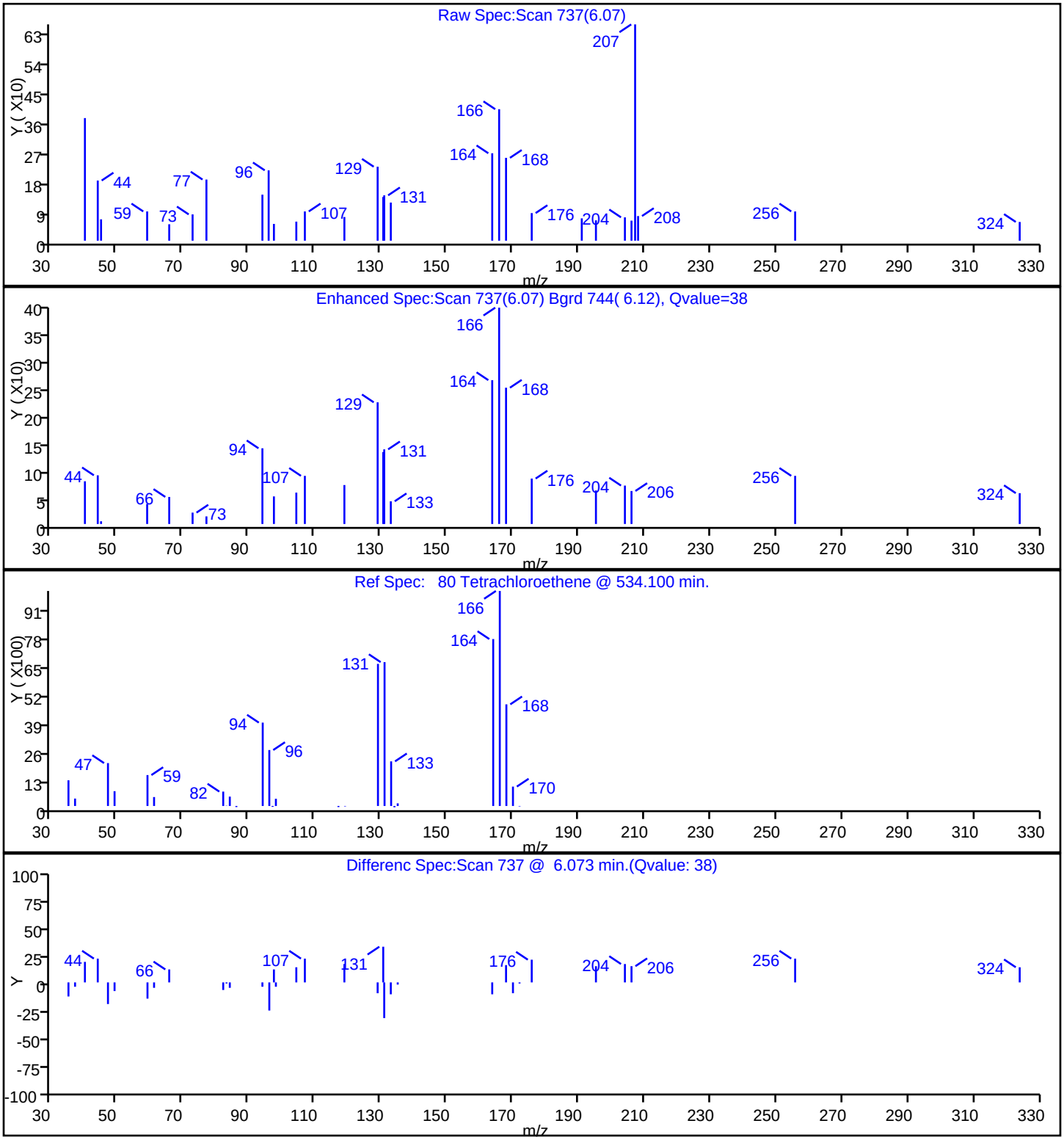
Report Date: 17-Sep-2013 11:06:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77920.D

Injection Date:	16-Sep-2013 21:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-8SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	13
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VS | Lab Sample ID: 460-62993-10

Matrix: Solid | Lab File ID: O77921.D

Analysis Method: 8260B | Date Collected: 09/13/2013 09:20

Sample wt/vol: 4.171(g) | Date Analyzed: 09/16/2013 21:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.9 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.20	U	1.3	0.20
74-83-9	Bromomethane	0.55	U	1.3	0.55
75-01-4	Vinyl chloride	0.43	U	1.3	0.43
75-00-3	Chloroethane	0.42	U	1.3	0.42
75-09-2	Methylene Chloride	0.19	U	1.3	0.19
67-64-1	Acetone	12	B	6.4	2.2
75-15-0	Carbon disulfide	0.25	J	1.3	0.19
75-69-4	Trichlorofluoromethane	0.20	U	1.3	0.20
75-35-4	1,1-Dichloroethene	0.24	U	1.3	0.24
75-34-3	1,1-Dichloroethane	0.14	U	1.3	0.14
156-60-5	trans-1,2-Dichloroethene	0.17	U	1.3	0.17
156-59-2	cis-1,2-Dichloroethene	0.31	J	1.3	0.14
67-66-3	Chloroform	0.31	U	1.3	0.31
78-93-3	2-Butanone	0.80	U	6.4	0.80
107-06-2	1,2-Dichloroethane	0.23	U	1.3	0.23
71-55-6	1,1,1-Trichloroethane	0.17	U	1.3	0.17
56-23-5	Carbon tetrachloride	0.19	U	1.3	0.19
71-43-2	Benzene	0.19	U	1.3	0.19
75-25-2	Bromoform	0.22	U	1.3	0.22
100-42-5	Styrene	0.36	U	1.3	0.36
100-41-4	Ethylbenzene	0.22	U	1.3	0.22
108-90-7	Chlorobenzene	0.23	U	1.3	0.23
110-82-7	Cyclohexane	0.17	U	1.3	0.17
98-82-8	Isopropylbenzene	0.14	U	1.3	0.14
591-78-6	2-Hexanone	0.17	U	6.4	0.17
1634-04-4	MTBE	0.14	U	1.3	0.14
76-13-1	Freon TF	0.14	U	1.3	0.14
79-20-9	Methyl acetate	0.41	U	1.3	0.41
123-91-1	1,4-Dioxane	16	U	25	16
79-01-6	Trichloroethene	3.5		1.3	0.15
108-88-3	Toluene	0.18	U	1.3	0.18
10061-02-6	trans-1,3-Dichloropropene	0.13	U	1.3	0.13
108-10-1	4-Methyl-2-pentanone	0.25	U	6.4	0.25
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.3	0.18
95-50-1	1,2-Dichlorobenzene	0.13	U	1.3	0.13
541-73-1	1,3-Dichlorobenzene	0.20	U	1.3	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VS | Lab Sample ID: 460-62993-10

Matrix: Solid | Lab File ID: O77921.D

Analysis Method: 8260B | Date Collected: 09/13/2013 09:20

Sample wt/vol: 4.171(g) | Date Analyzed: 09/16/2013 21:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.9 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.46	J	1.3	0.14
120-82-1	1,2,4-Trichlorobenzene	9.2		1.3	0.24
87-61-6	1,2,3-Trichlorobenzene	8.0		1.3	0.20
78-87-5	1,2-Dichloropropane	0.19	U	1.3	0.19
108-87-2	Methylcyclohexane	0.13	U	1.3	0.13
127-18-4	Tetrachloroethene	2.5		1.3	0.15
1330-20-7	Xylenes, Total	0.85	U	3.8	0.85
96-12-8	1,2-Dibromo-3-Chloropropane	0.56	U	1.3	0.56
79-34-5	1,1,2,2-Tetrachloroethane	0.11	U	1.3	0.11
79-00-5	1,1,2-Trichloroethane	0.18	U	1.3	0.18
124-48-1	Dibromochloromethane	0.13	U	1.3	0.13
106-93-4	1,2-Dibromoethane	0.19	U	1.3	0.19
75-71-8	Dichlorodifluoromethane	0.28	U	1.3	0.28
74-97-5	Bromochloromethane	0.14	U	1.3	0.14
75-27-4	Bromodichloromethane	0.41	U	1.3	0.41

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-130
2037-26-5	Toluene-d8 (Surr)	110		70-130
460-00-4	Bromofluorobenzene	100		70-130
1868-53-7	Dibromofluoromethane (Surr)	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VS Lab Sample ID: 460-62993-10

Matrix: Solid Lab File ID: O77921.D

Analysis Method: 8260B Date Collected: 09/13/2013 09:20

Sample wt/vol: 4.171(g) Date Analyzed: 09/16/2013 21:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.9 Level: (low/med) Low

Analysis Batch No.: 181583 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 30

CAS NO.	COMPOUND NAME	RT	RESULT	Q
634-66-2	Benzene, 1,2,3,4-tetrachloro-	14.91	30	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77921.D		
Lims ID:	460-62993-A-10-A	Client ID:	PMP-4SE-VS
Inject. Date:	16-Sep-2013 21:28:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-10-A		
Misc. Info.:	460-0004675-014		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	13
Lims Batch ID:	181583	Lims Sample ID:	14
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m		
Last Update:	17-Sep-2013 11:07:55	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK037		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 11:07:55

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.639	1.625	0.014	66	6840	9.14	
21 Carbon disulfide	76	1.704	1.697	0.007	100	1823	0.1928	
* 151 TBA-d9 (IS)	65	1.904	1.897	0.007	92	246678	1000.0	
42 cis-1,2-Dichloroethene	96	2.699	2.699	0.0	8	746	0.2396	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.079	0.007	96	85226	50.1	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.365	3.358	0.007	88	86434	57.5	
* 59 Fluorobenzene	96	3.659	3.652	0.007	100	368838	50.0	
61 Trichloroethene	95	4.003	3.996	0.007	89	7568	2.74	
* 150 1,4-Dioxane-d8	96	4.368	4.354	0.014	82	21337	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	373026	54.8	
80 Tetrachloroethene	166	6.066	6.066	0.0	89	6325	1.93	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	340251	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	93	132882	49.9	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	94	188118	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	48	2362	0.3615	
124 1,2,4-Trichlorobenzene	180	13.229	13.229	0.0	89	37097	7.21	
128 1,2,3-Trichlorobenzene	180	13.644	13.645	0.0	90	28347	6.28	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77921.D		
Lims ID:	460-62993-A-10-A	Client ID:	PMP-4SE-VS
Inject. Date:	16-Sep-2013 21:28:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-10-A		
Misc. Info.:	460-0004675-014		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	13
Lims Batch ID:	181583	Lims Sample ID:	14
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m		
Last Update:	17-Sep-2013 11:07:55	Calib Date:	06-Aug-2013 22:09:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	40		
Process Host:	XAWRK037		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 11:07:55

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
634-66-2 Benzene, 1,2,3,4-tetrachloro-						
14.912	435773	23.4	87	99	65865	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 87 Chlorobenzene-d5	7.205	932433	50.0

QC Flag Legend

Processing Flags

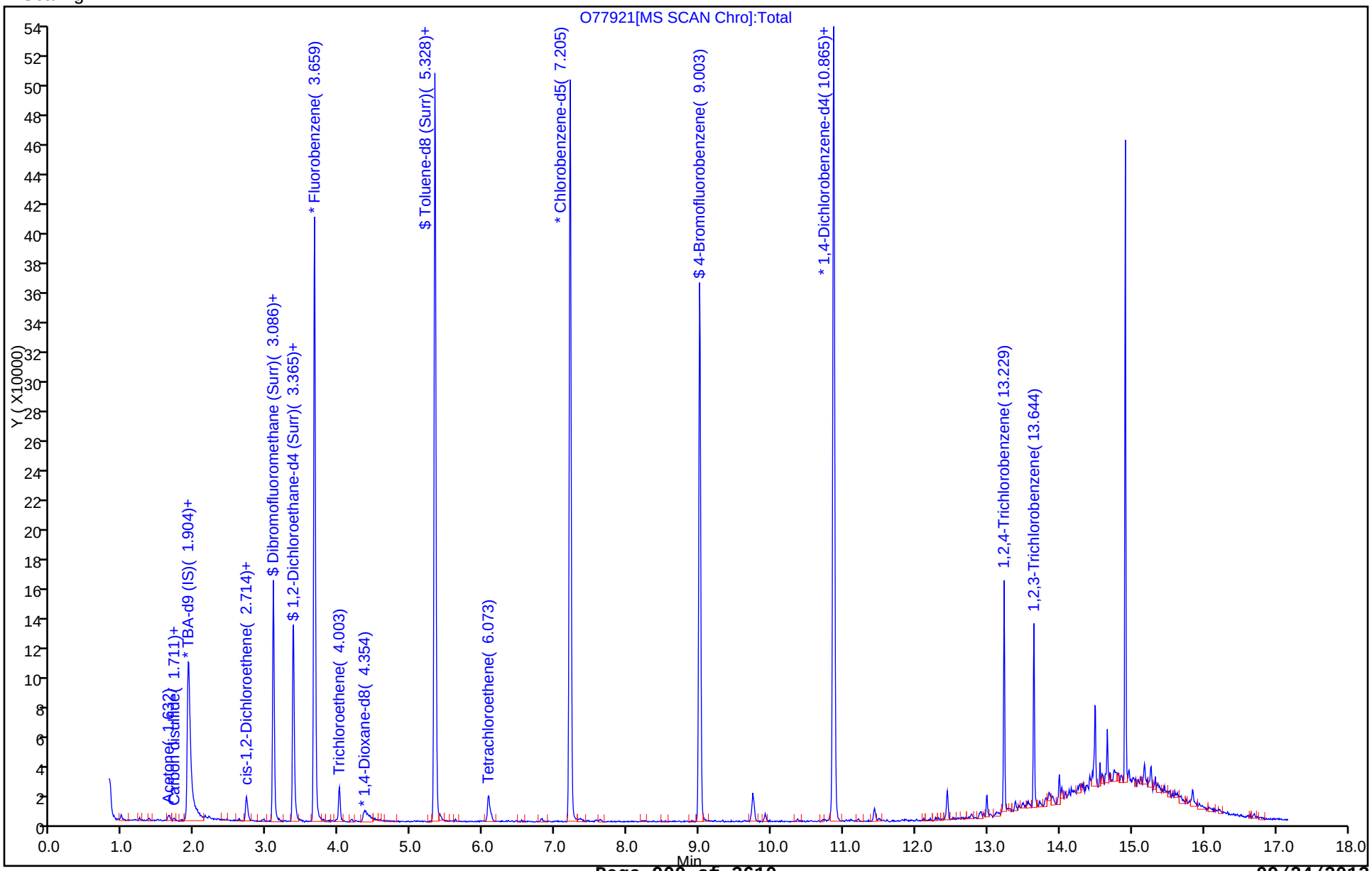
Report Date: 17-Sep-2013 11:07:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77921.D

Injection Date:	16-Sep-2013 21:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-4SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



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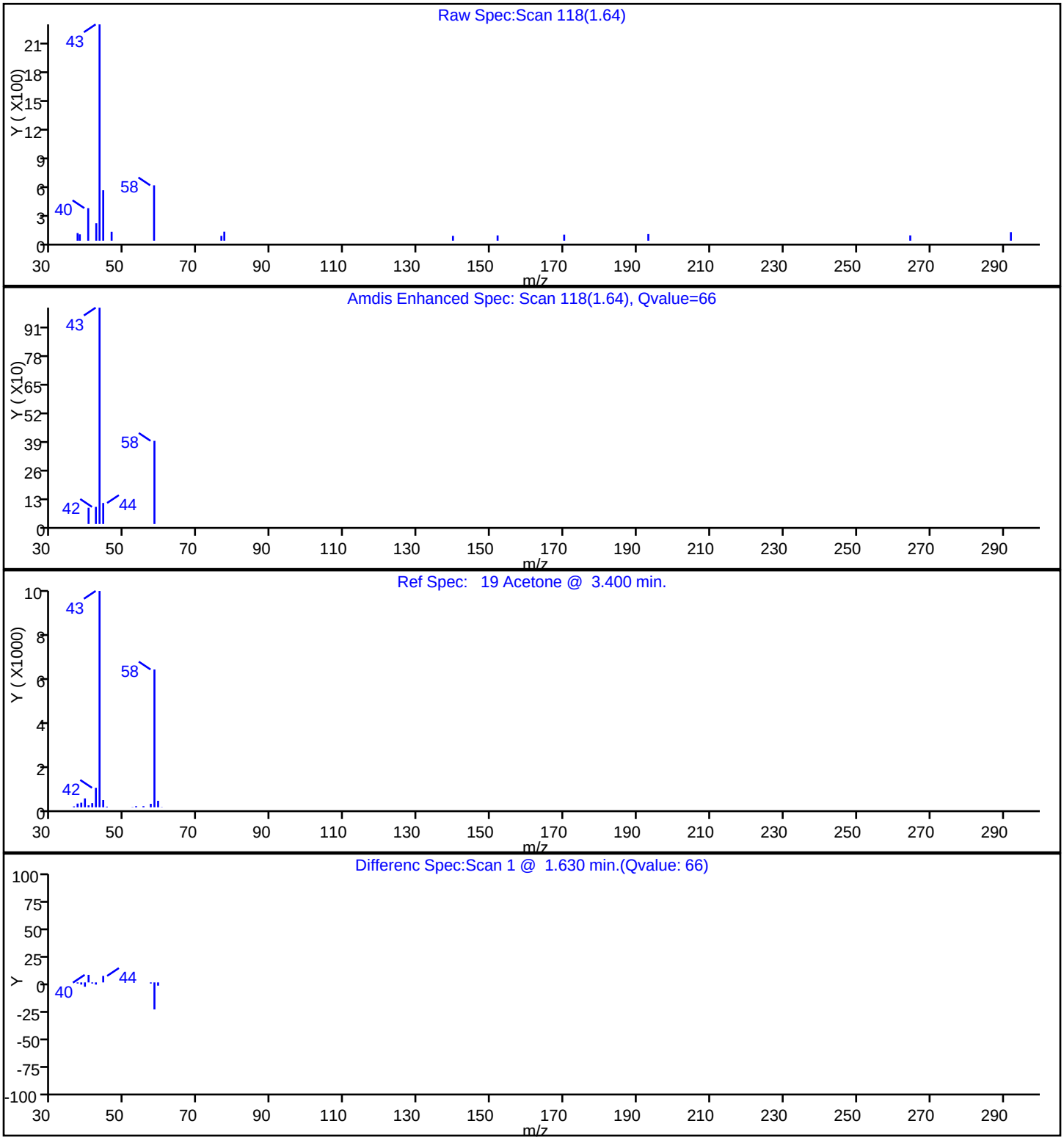
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77921.D

Injection Date:	16-Sep-2013 21:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-4SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



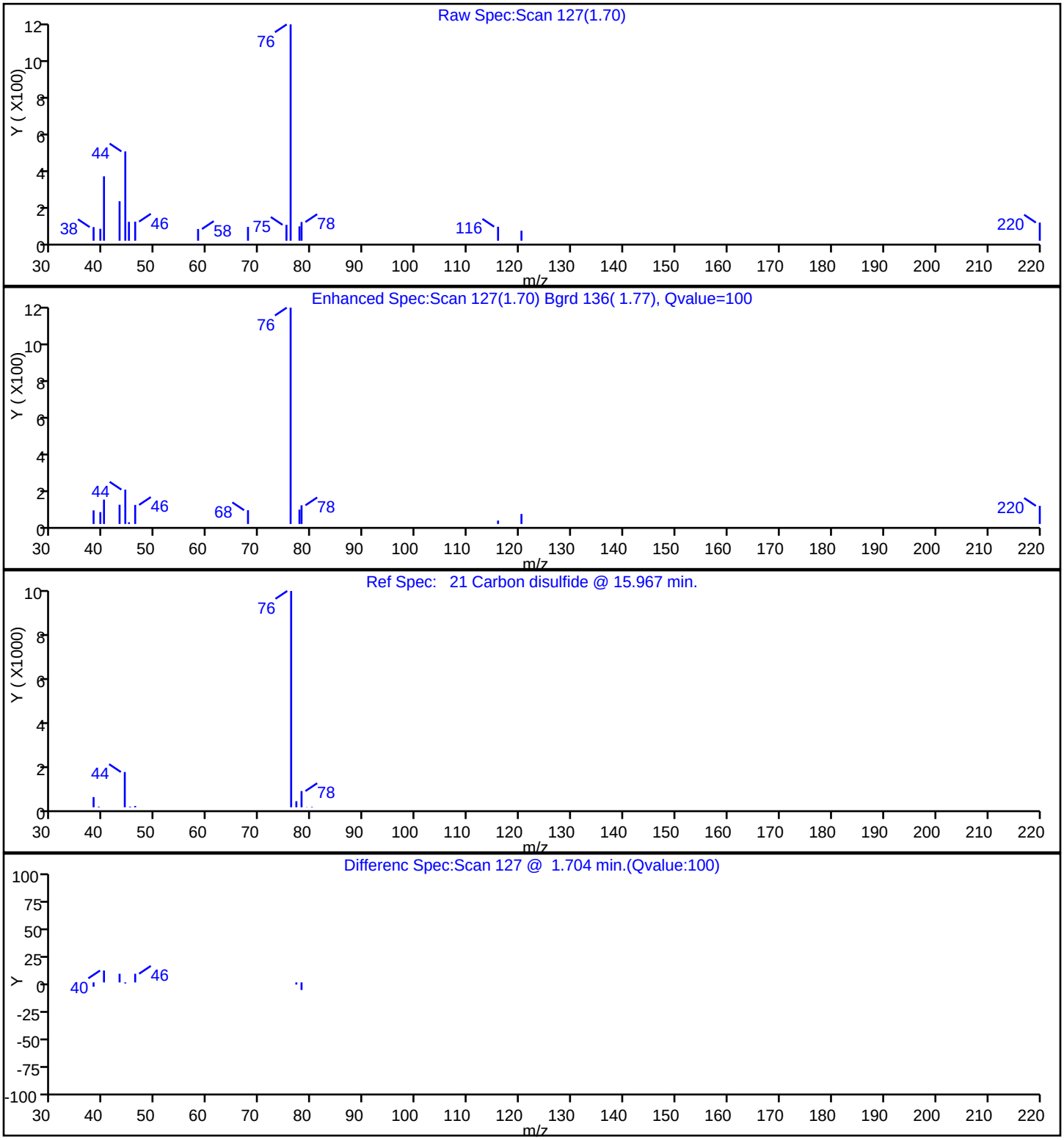
Report Date: 17-Sep-2013 11:07:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77921.D

Injection Date:	16-Sep-2013 21:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-4SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

21 Carbon disulfide



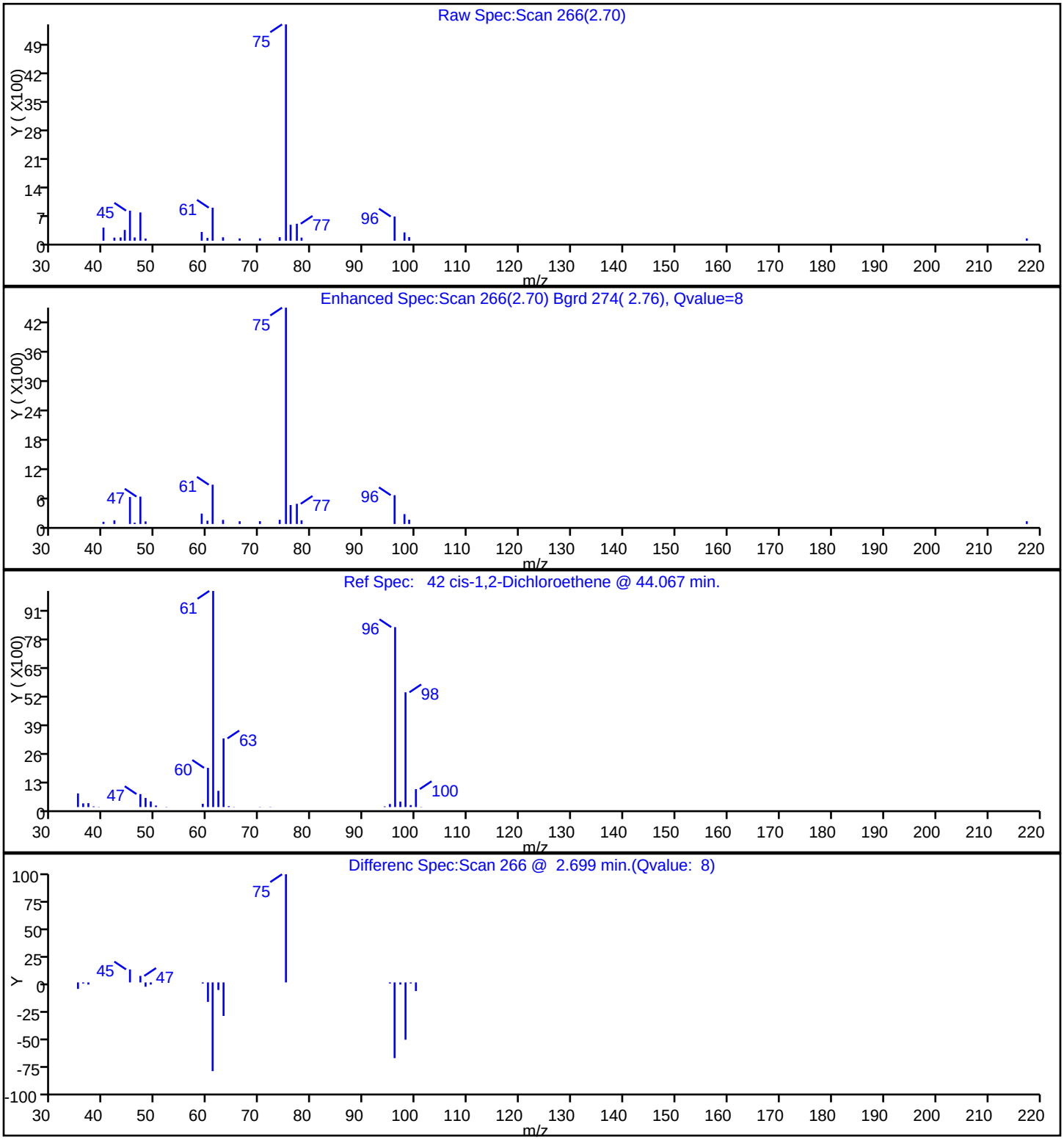
Report Date: 17-Sep-2013 11:07:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77921.D

Injection Date:	16-Sep-2013 21:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-4SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

42 cis-1,2-Dichloroethene



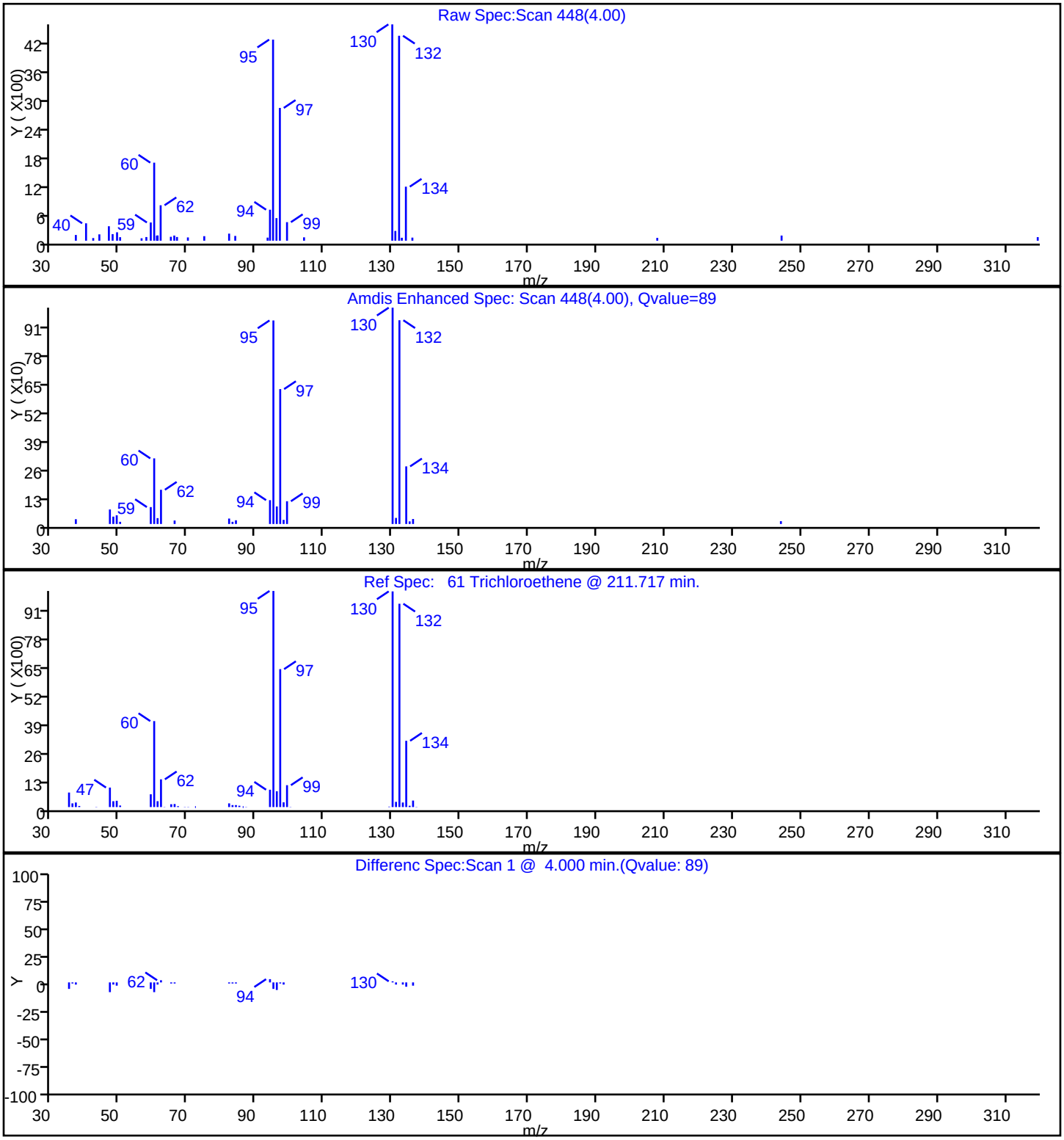
Report Date: 17-Sep-2013 11:07:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77921.D

Injection Date:	16-Sep-2013 21:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-4SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

61 Trichloroethene



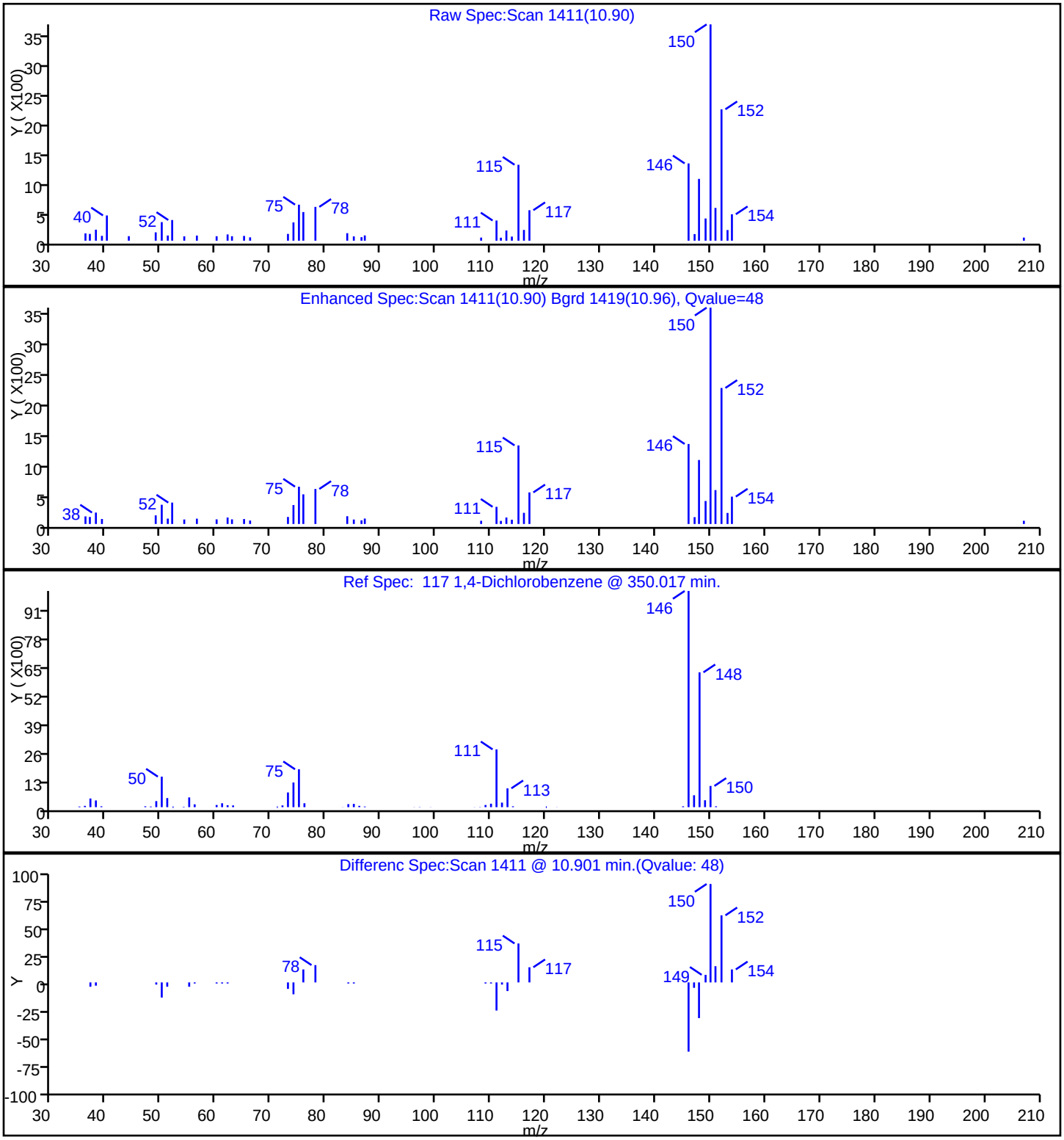
Report Date: 17-Sep-2013 11:07:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77921.D

Injection Date:	16-Sep-2013 21:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-4SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene

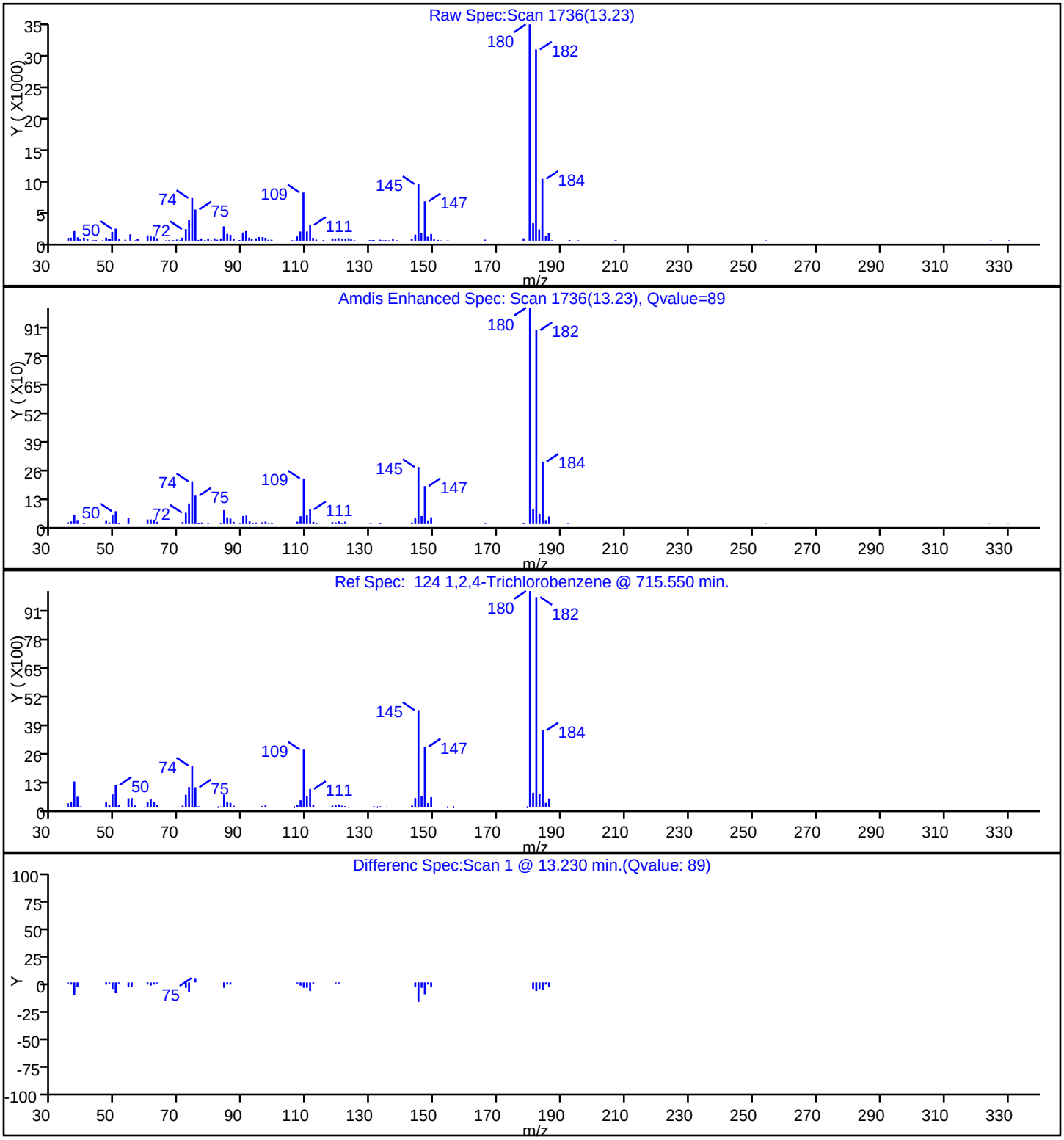


Report Date: 17-Sep-2013 11:07:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77921.D		
Injection Date:	16-Sep-2013 21:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-4SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



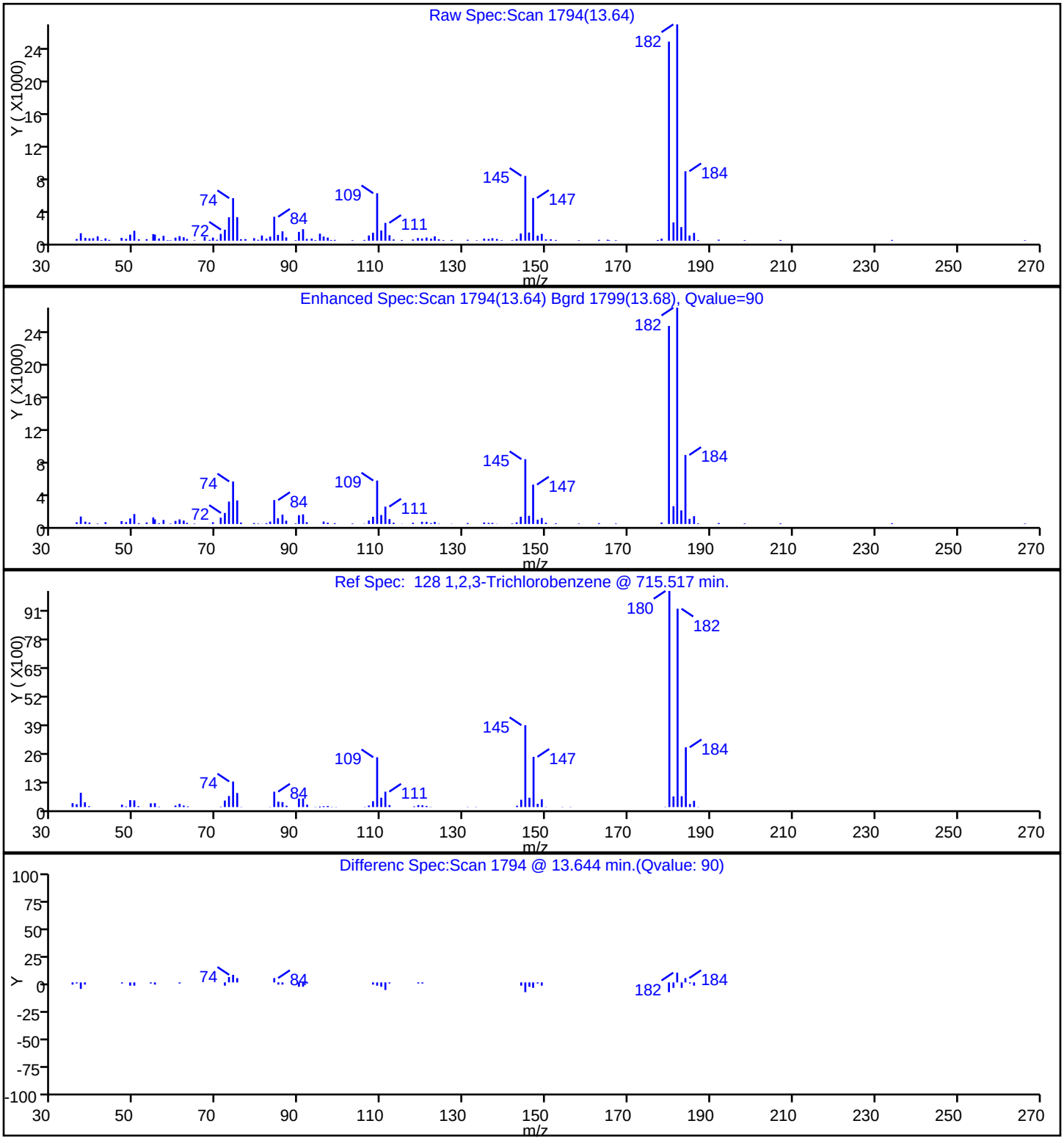
Report Date: 17-Sep-2013 11:07:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77921.D

Injection Date:	16-Sep-2013 21:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-4SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

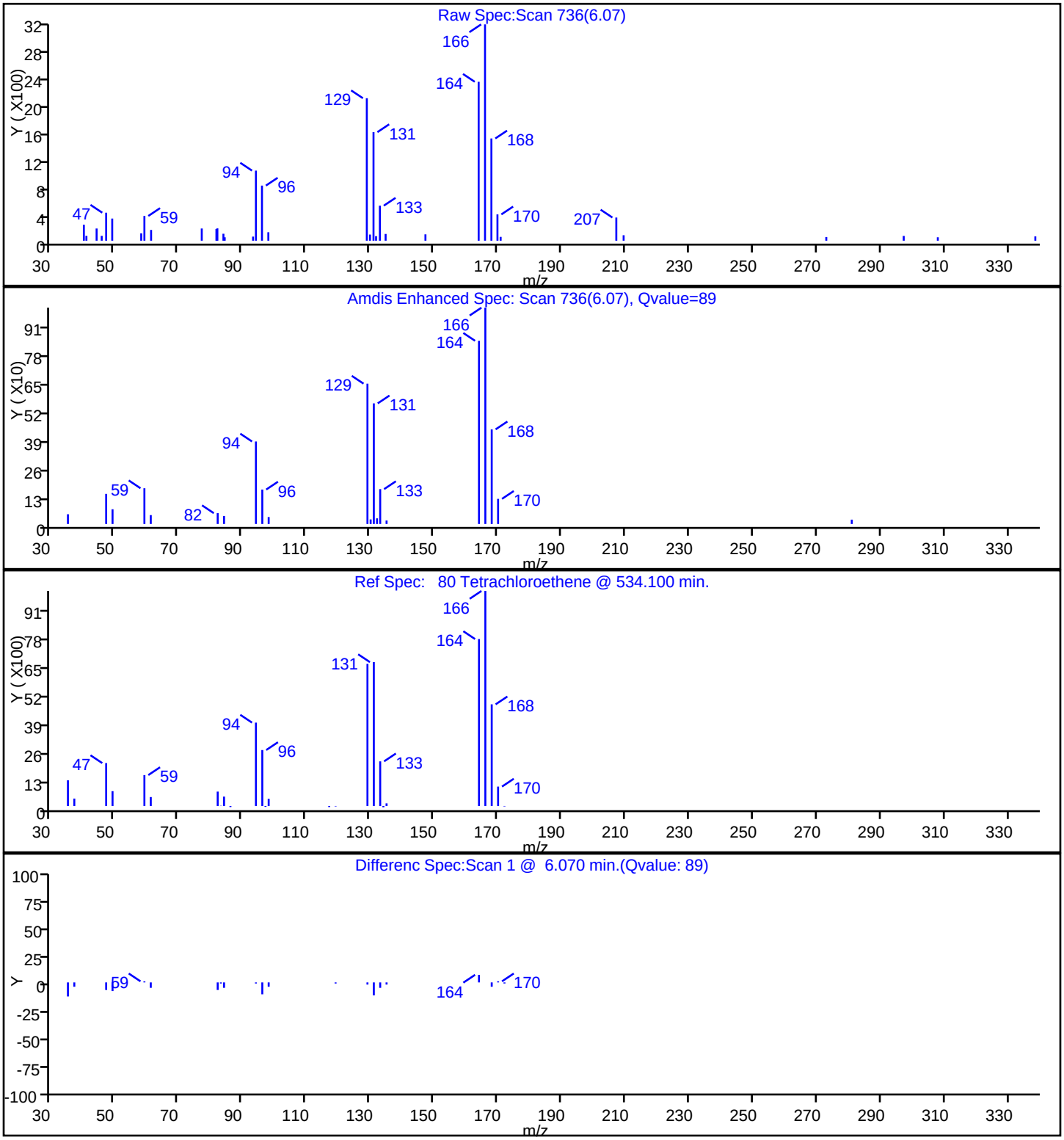
128 1,2,3-Trichlorobenzene



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77921.D		
Injection Date:	16-Sep-2013 21:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-4SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene



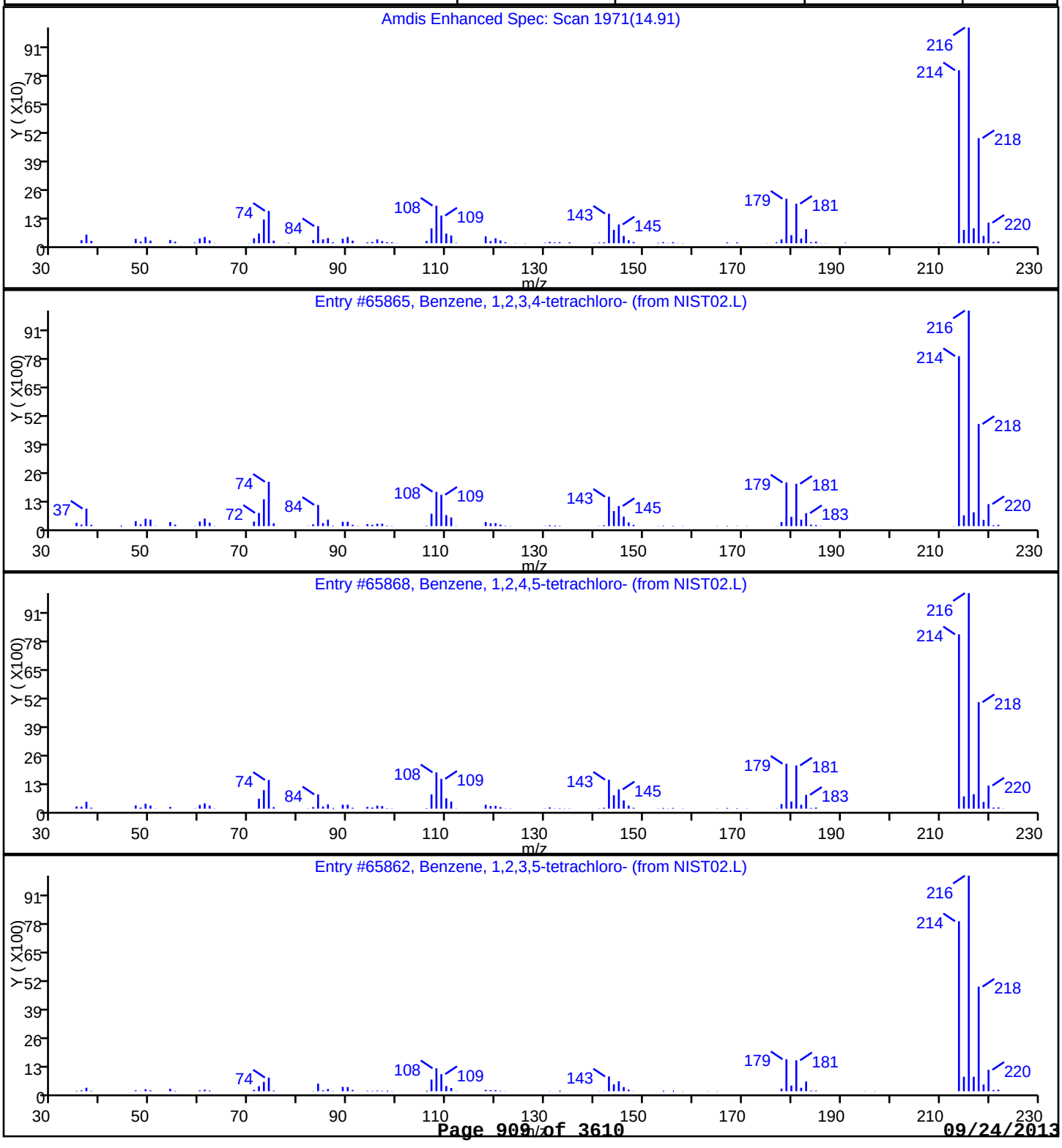
Report Date: 17-Sep-2013 11:07:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77921.D

Injection Date:	16-Sep-2013 21:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-4SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1,2,3,4-tetrachloro-	634-66-2	NIST02.L	65865	99
Benzene, 1,2,4,5-tetrachloro-	95-94-3	NIST02.L	65868	99
Benzene, 1,2,3,5-tetrachloro-	634-90-2	NIST02.L	65862	99



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VD | Lab Sample ID: 460-62993-11

Matrix: Solid | Lab File ID: O77922.D

Analysis Method: 8260B | Date Collected: 09/13/2013 09:30

Sample wt/vol: 5.62(g) | Date Analyzed: 09/16/2013 21:53

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.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.96	0.15
74-83-9	Bromomethane	0.41	U	0.96	0.41
75-01-4	Vinyl chloride	0.33	U	0.96	0.33
75-00-3	Chloroethane	0.32	U	0.96	0.32
75-09-2	Methylene Chloride	0.14	U	0.96	0.14
67-64-1	Acetone	1.6	U	4.8	1.6
75-15-0	Carbon disulfide	0.14	U	0.96	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.96	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.96	0.18
75-34-3	1,1-Dichloroethane	0.11	U	0.96	0.11
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.96	0.12
156-59-2	cis-1,2-Dichloroethene	0.11	U	0.96	0.11
67-66-3	Chloroform	0.23	U	0.96	0.23
78-93-3	2-Butanone	0.60	U	4.8	0.60
107-06-2	1,2-Dichloroethane	0.17	U	0.96	0.17
71-55-6	1,1,1-Trichloroethane	0.12	U	0.96	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.96	0.14
71-43-2	Benzene	0.14	U	0.96	0.14
75-25-2	Bromoform	0.16	U	0.96	0.16
100-42-5	Styrene	0.27	U	0.96	0.27
100-41-4	Ethylbenzene	0.16	U	0.96	0.16
108-90-7	Chlorobenzene	0.17	U	0.96	0.17
110-82-7	Cyclohexane	0.12	U	0.96	0.12
98-82-8	Isopropylbenzene	0.11	U	0.96	0.11
591-78-6	2-Hexanone	0.12	U	4.8	0.12
1634-04-4	MTBE	0.11	U	0.96	0.11
76-13-1	Freon TF	0.11	U	0.96	0.11
79-20-9	Methyl acetate	0.31	U	0.96	0.31
123-91-1	1,4-Dioxane	12	U	19	12
79-01-6	Trichloroethene	0.11	U	0.96	0.11
108-88-3	Toluene	0.13	U	0.96	0.13
10061-02-6	trans-1,3-Dichloropropene	0.096	U	0.96	0.096
108-10-1	4-Methyl-2-pentanone	0.19	U	4.8	0.19
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.96	0.13
95-50-1	1,2-Dichlorobenzene	0.096	U	0.96	0.096
541-73-1	1,3-Dichlorobenzene	0.15	U	0.96	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VD | Lab Sample ID: 460-62993-11

Matrix: Solid | Lab File ID: O77922.D

Analysis Method: 8260B | Date Collected: 09/13/2013 09:30

Sample wt/vol: 5.62(g) | Date Analyzed: 09/16/2013 21:53

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.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.47	J	0.96	0.11
120-82-1	1,2,4-Trichlorobenzene	0.18	U	0.96	0.18
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.96	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.96	0.14
108-87-2	Methylcyclohexane	0.096	U	0.96	0.096
127-18-4	Tetrachloroethene	0.11	U	0.96	0.11
1330-20-7	Xylenes, Total	0.64	U	2.9	0.64
96-12-8	1,2-Dibromo-3-Chloropropane	0.42	U	0.96	0.42
79-34-5	1,1,2,2-Tetrachloroethane	0.086	U	0.96	0.086
79-00-5	1,1,2-Trichloroethane	0.13	U	0.96	0.13
124-48-1	Dibromochloromethane	0.096	U	0.96	0.096
106-93-4	1,2-Dibromoethane	0.14	U	0.96	0.14
75-71-8	Dichlorodifluoromethane	0.21	U	0.96	0.21
74-97-5	Bromochloromethane	0.11	U	0.96	0.11
75-27-4	Bromodichloromethane	0.31	U	0.96	0.31

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		70-130
2037-26-5	Toluene-d8 (Surr)	108		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VD Lab Sample ID: 460-62993-11

Matrix: Solid Lab File ID: O77922.D

Analysis Method: 8260B Date Collected: 09/13/2013 09:30

Sample wt/vol: 5.62(g) Date Analyzed: 09/16/2013 21:53

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.: 181583 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77922.D		
Lims ID:	460-62993-A-11-A	Client ID:	PMP-4SE-VD
Inject. Date:	16-Sep-2013 21:53:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-11-A		
Misc. Info.:	460-0004675-015		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	14
Lims Batch ID:	181583	Lims Sample ID:	15
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m		
Last Update:	17-Sep-2013 11:08:51	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK037		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 11:08:50

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	1.912	1.897	0.015	86	288649	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.079	0.007	97	90276	49.4	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.366	3.358	0.008	87	94126	58.4	
* 59 Fluorobenzene	96	3.659	3.652	0.007	100	396039	50.0	
* 150 1,4-Dioxane-d8	96	4.361	4.354	0.007	87	26202	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	404020	54.2	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	372011	50.0	
$ 99 4-Bromofluorobenzene	174	9.010	9.003	0.007	96	143507	49.3	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	215460	50.0	
117 1,4-Dichlorobenzene	146	10.908	10.901	0.007	76	3683	0.4922	

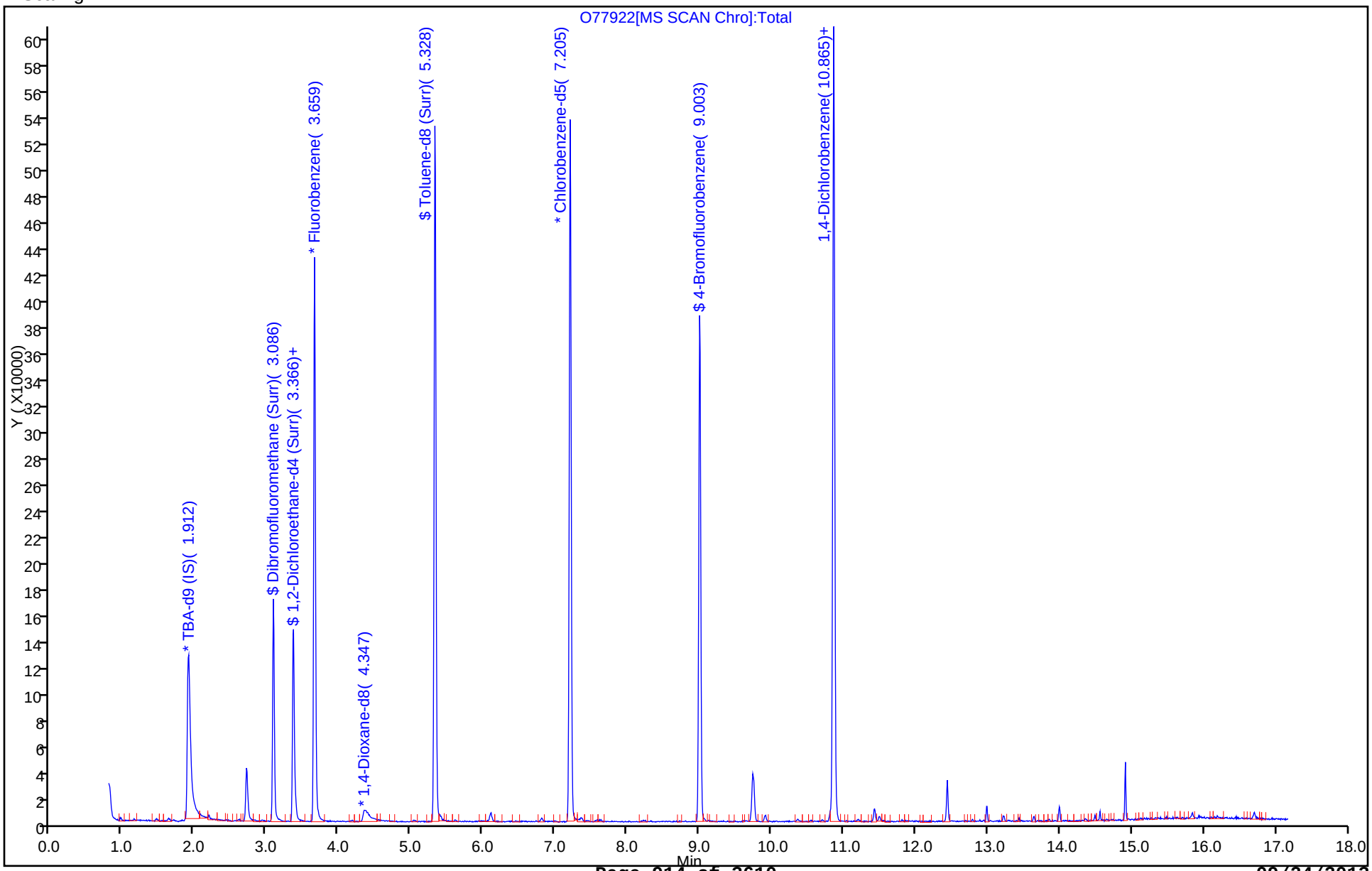
Report Date: 17-Sep-2013 11:08:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77922.D

Injection Date:	16-Sep-2013 21:53:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-4SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	15
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



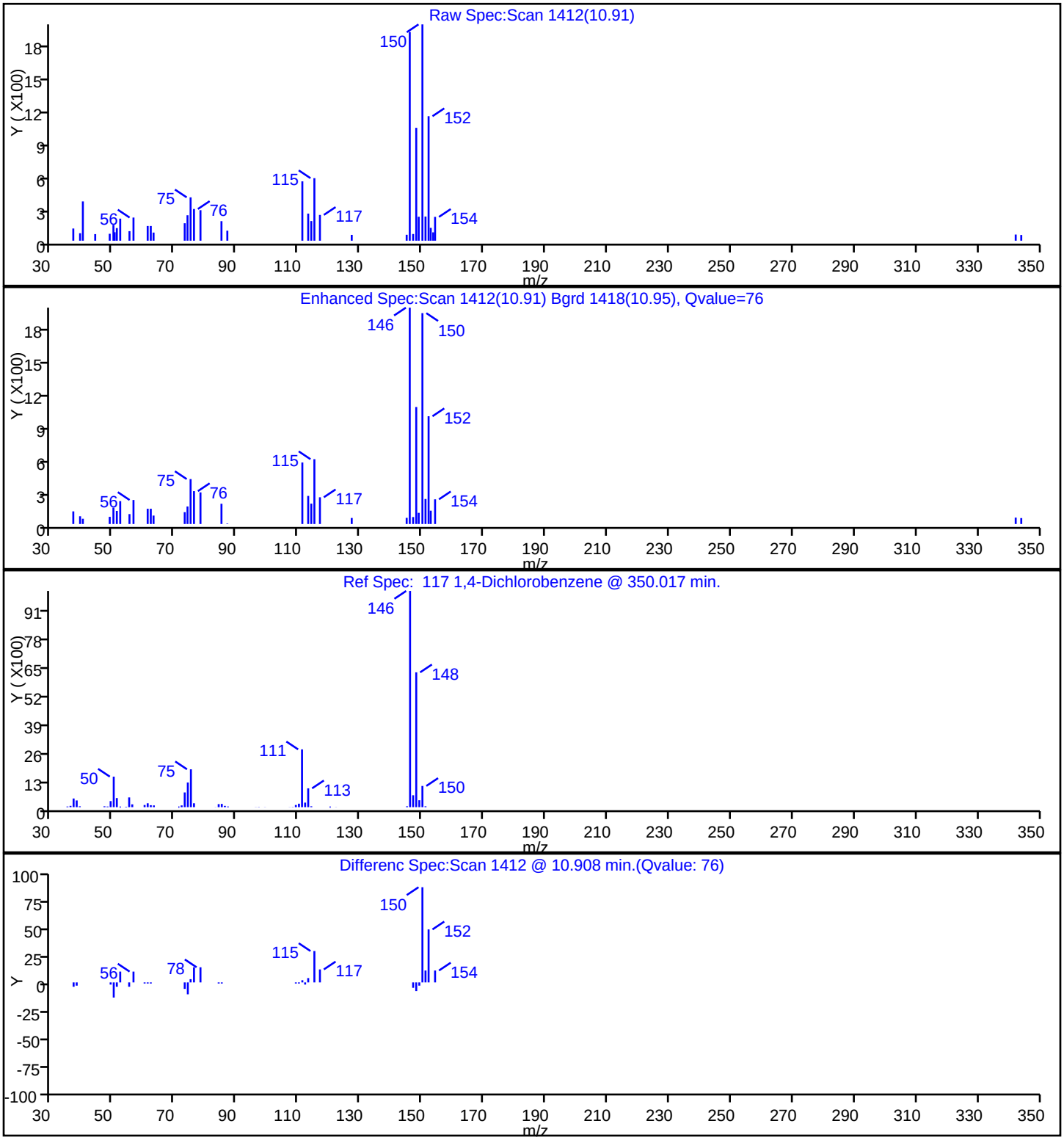
Report Date: 17-Sep-2013 11:08:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77922.D

Injection Date:	16-Sep-2013 21:53:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-4SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	15
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-WT | Lab Sample ID: 460-62993-12

Matrix: Solid | Lab File ID: O77923.D

Analysis Method: 8260B | Date Collected: 09/13/2013 09:25

Sample wt/vol: 5.697(g) | Date Analyzed: 09/16/2013 22:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.4 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.91	0.15
74-83-9	Bromomethane	0.39	U	0.91	0.39
75-01-4	Vinyl chloride	0.31	U	0.91	0.31
75-00-3	Chloroethane	0.30	U	0.91	0.30
75-09-2	Methylene Chloride	0.14	U	0.91	0.14
67-64-1	Acetone	1.5	U	4.5	1.5
75-15-0	Carbon disulfide	0.14	U	0.91	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.91	0.15
75-35-4	1,1-Dichloroethene	0.17	U	0.91	0.17
75-34-3	1,1-Dichloroethane	0.10	U	0.91	0.10
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.91	0.12
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.91	0.10
67-66-3	Chloroform	0.22	U	0.91	0.22
78-93-3	2-Butanone	0.57	U	4.5	0.57
107-06-2	1,2-Dichloroethane	0.16	U	0.91	0.16
71-55-6	1,1,1-Trichloroethane	0.12	U	0.91	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.91	0.14
71-43-2	Benzene	0.14	U	0.91	0.14
75-25-2	Bromoform	0.15	U	0.91	0.15
100-42-5	Styrene	0.25	U	0.91	0.25
100-41-4	Ethylbenzene	0.15	U	0.91	0.15
108-90-7	Chlorobenzene	0.16	U	0.91	0.16
110-82-7	Cyclohexane	0.12	U	0.91	0.12
98-82-8	Isopropylbenzene	0.10	U	0.91	0.10
591-78-6	2-Hexanone	0.12	U	4.5	0.12
1634-04-4	MTBE	0.10	U	0.91	0.10
76-13-1	Freon TF	0.10	U	0.91	0.10
79-20-9	Methyl acetate	0.29	U	0.91	0.29
123-91-1	1,4-Dioxane	12	U	18	12
79-01-6	Trichloroethene	0.11	U	0.91	0.11
108-88-3	Toluene	0.13	U	0.91	0.13
10061-02-6	trans-1,3-Dichloropropene	0.091	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone	0.18	U	4.5	0.18
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.91	0.13
95-50-1	1,2-Dichlorobenzene	0.091	U	0.91	0.091
541-73-1	1,3-Dichlorobenzene	0.15	U	0.91	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-WT | Lab Sample ID: 460-62993-12

Matrix: Solid | Lab File ID: O77923.D

Analysis Method: 8260B | Date Collected: 09/13/2013 09:25

Sample wt/vol: 5.697(g) | Date Analyzed: 09/16/2013 22:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.4 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.35	J	0.91	0.10
120-82-1	1,2,4-Trichlorobenzene	0.17	U	0.91	0.17
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.91	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.91	0.14
108-87-2	Methylcyclohexane	0.091	U	0.91	0.091
127-18-4	Tetrachloroethene	0.11	U	0.91	0.11
1330-20-7	Xylenes, Total	0.61	U	2.7	0.61
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	0.91	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.082	U	0.91	0.082
79-00-5	1,1,2-Trichloroethane	0.13	U	0.91	0.13
124-48-1	Dibromochloromethane	0.091	U	0.91	0.091
106-93-4	1,2-Dibromoethane	0.14	U	0.91	0.14
75-71-8	Dichlorodifluoromethane	0.20	U	0.91	0.20
74-97-5	Bromochloromethane	0.10	U	0.91	0.10
75-27-4	Bromodichloromethane	0.29	U	0.91	0.29

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-130
2037-26-5	Toluene-d8 (Surr)	109		70-130
460-00-4	Bromofluorobenzene	100		70-130
1868-53-7	Dibromofluoromethane (Surr)	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-WT Lab Sample ID: 460-62993-12

Matrix: Solid Lab File ID: O77923.D

Analysis Method: 8260B Date Collected: 09/13/2013 09:25

Sample wt/vol: 5.697(g) Date Analyzed: 09/16/2013 22:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.4 Level: (low/med) Low

Analysis Batch No.: 181583 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77923.D		
Lims ID:	460-62993-A-12-A	Client ID:	PMP-4SE-WT
Inject. Date:	16-Sep-2013 22:18:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-12-A		
Misc. Info.:	460-0004675-016		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	15
Lims Batch ID:	181583	Lims Sample ID:	16
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m		
Last Update:	17-Sep-2013 11:10:09	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK037		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 11:10:09

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	1.911	1.897	0.014	91	270817	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.079	0.007	97	88737	48.7	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.366	3.358	0.008	86	91527	56.9	
* 59 Fluorobenzene	96	3.659	3.652	0.007	100	395218	50.0	
* 150 1,4-Dioxane-d8	96	4.354	4.354	0.0	81	24301	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	403185	54.7	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	368022	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	94	143456	49.8	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	212321	50.0	
117 1,4-Dichlorobenzene	146	10.894	10.901	-0.007	36	2828	0.3835	

Report Date: 17-Sep-2013 11:10:10 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77923.D

Injection Date:	16-Sep-2013 22:18:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-4SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	16
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

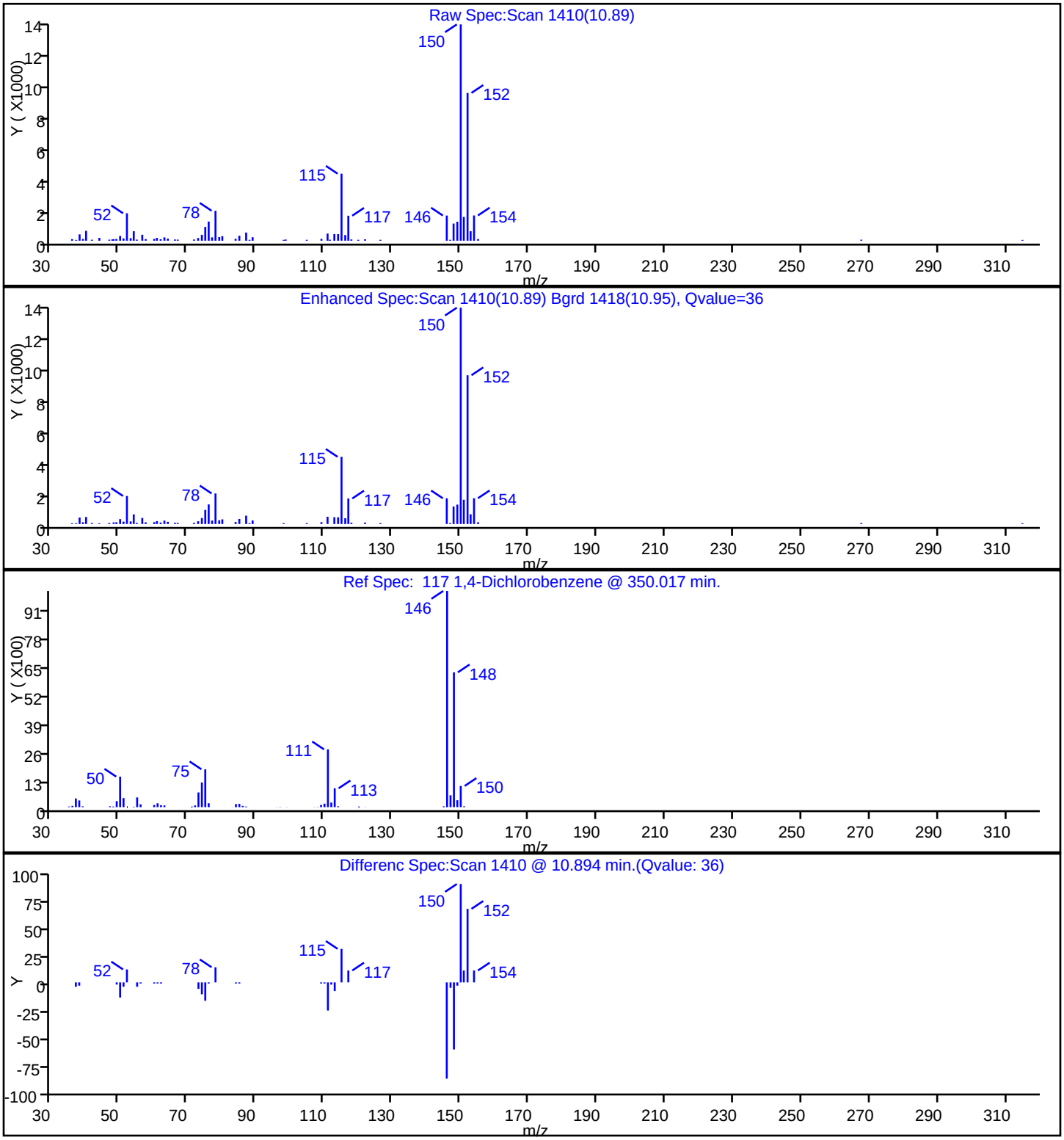
Y Scaling:

Report Date: 17-Sep-2013 11:10:10 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77923.D		
Injection Date:	16-Sep-2013 22:18:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-4SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	16
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-VS | Lab Sample ID: 460-62993-13

Matrix: Solid | Lab File ID: O77924.D

Analysis Method: 8260B | Date Collected: 09/13/2013 09:35

Sample wt/vol: 4.703(g) | Date Analyzed: 09/16/2013 22:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.5 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.18	U	1.1	0.18
74-83-9	Bromomethane	0.48	U	1.1	0.48
75-01-4	Vinyl chloride	0.38	U	1.1	0.38
75-00-3	Chloroethane	0.37	U	1.1	0.37
75-09-2	Methylene Chloride	0.17	U	1.1	0.17
67-64-1	Acetone	5.7	B	5.6	1.9
75-15-0	Carbon disulfide	0.17	U	1.1	0.17
75-69-4	Trichlorofluoromethane	0.18	U	1.1	0.18
75-35-4	1,1-Dichloroethene	0.21	U	1.1	0.21
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.1	0.15
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
67-66-3	Chloroform	0.27	U	1.1	0.27
78-93-3	2-Butanone	0.71	U	5.6	0.71
107-06-2	1,2-Dichloroethane	0.20	U	1.1	0.20
71-55-6	1,1,1-Trichloroethane	0.15	U	1.1	0.15
56-23-5	Carbon tetrachloride	0.17	U	1.1	0.17
71-43-2	Benzene	0.17	U	1.1	0.17
75-25-2	Bromoform	0.19	U	1.1	0.19
100-42-5	Styrene	0.32	U	1.1	0.32
100-41-4	Ethylbenzene	0.19	U	1.1	0.19
108-90-7	Chlorobenzene	0.20	U	1.1	0.20
110-82-7	Cyclohexane	0.15	U	1.1	0.15
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
591-78-6	2-Hexanone	0.15	U	5.6	0.15
1634-04-4	MTBE	0.12	U	1.1	0.12
76-13-1	Freon TF	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.36	U	1.1	0.36
123-91-1	1,4-Dioxane	14	U	23	14
79-01-6	Trichloroethene	0.14	U	1.1	0.14
108-88-3	Toluene	0.42	J	1.1	0.16
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
108-10-1	4-Methyl-2-pentanone	0.23	U	5.6	0.23
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.1	0.16
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	0.18	U	1.1	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-VS | Lab Sample ID: 460-62993-13

Matrix: Solid | Lab File ID: O77924.D

Analysis Method: 8260B | Date Collected: 09/13/2013 09:35

Sample wt/vol: 4.703(g) | Date Analyzed: 09/16/2013 22:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.5 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.44	J	1.1	0.12
120-82-1	1,2,4-Trichlorobenzene	0.21	U	1.1	0.21
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.1	0.18
78-87-5	1,2-Dichloropropane	0.17	U	1.1	0.17
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
127-18-4	Tetrachloroethene	0.14	U	1.1	0.14
1330-20-7	Xylenes, Total	0.75	U	3.4	0.75
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U	1.1	0.50
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	1.1	0.10
79-00-5	1,1,2-Trichloroethane	0.16	U	1.1	0.16
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
106-93-4	1,2-Dibromoethane	0.17	U	1.1	0.17
75-71-8	Dichlorodifluoromethane	0.25	U	1.1	0.25
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.36	U	1.1	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	86		70-130
460-00-4	Bromofluorobenzene	80		70-130
1868-53-7	Dibromofluoromethane (Surr)	79		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-VS Lab Sample ID: 460-62993-13

Matrix: Solid Lab File ID: O77924.D

Analysis Method: 8260B Date Collected: 09/13/2013 09:35

Sample wt/vol: 4.703(g) Date Analyzed: 09/16/2013 22:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.5 Level: (low/med) Low

Analysis Batch No.: 181583 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77924.D		
Lims ID:	460-62993-A-13-A	Client ID:	PMP-14SE-VS
Inject. Date:	16-Sep-2013 22:43:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-13-A		
Misc. Info.:	460-0004675-017		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	16
Lims Batch ID:	181583	Lims Sample ID:	17
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m		
Last Update:	17-Sep-2013 11:11:27	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK037		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 11:11:27

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.632	1.625	0.007	70	5152	5.03	
* 151 TBA-d9 (IS)	65	1.912	1.897	0.015	88	261444	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.079	0.007	94	68557	39.3	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.366	3.358	0.008	88	70179	45.5	
* 59 Fluorobenzene	96	3.659	3.652	0.007	100	378333	50.0	
* 150 1,4-Dioxane-d8	96	4.347	4.354	-0.007	81	20268	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	297251	42.9	
77 Toluene	91	5.407	5.407	0.0	84	4450	0.3712	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	83	346265	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	93	108222	39.9	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	94	200646	50.0	
117 1,4-Dichlorobenzene	146	10.894	10.901	-0.007	33	2731	0.3919	

Report Date: 17-Sep-2013 11:11:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77924.D

Injection Date:	16-Sep-2013 22:43:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-14SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	17
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:

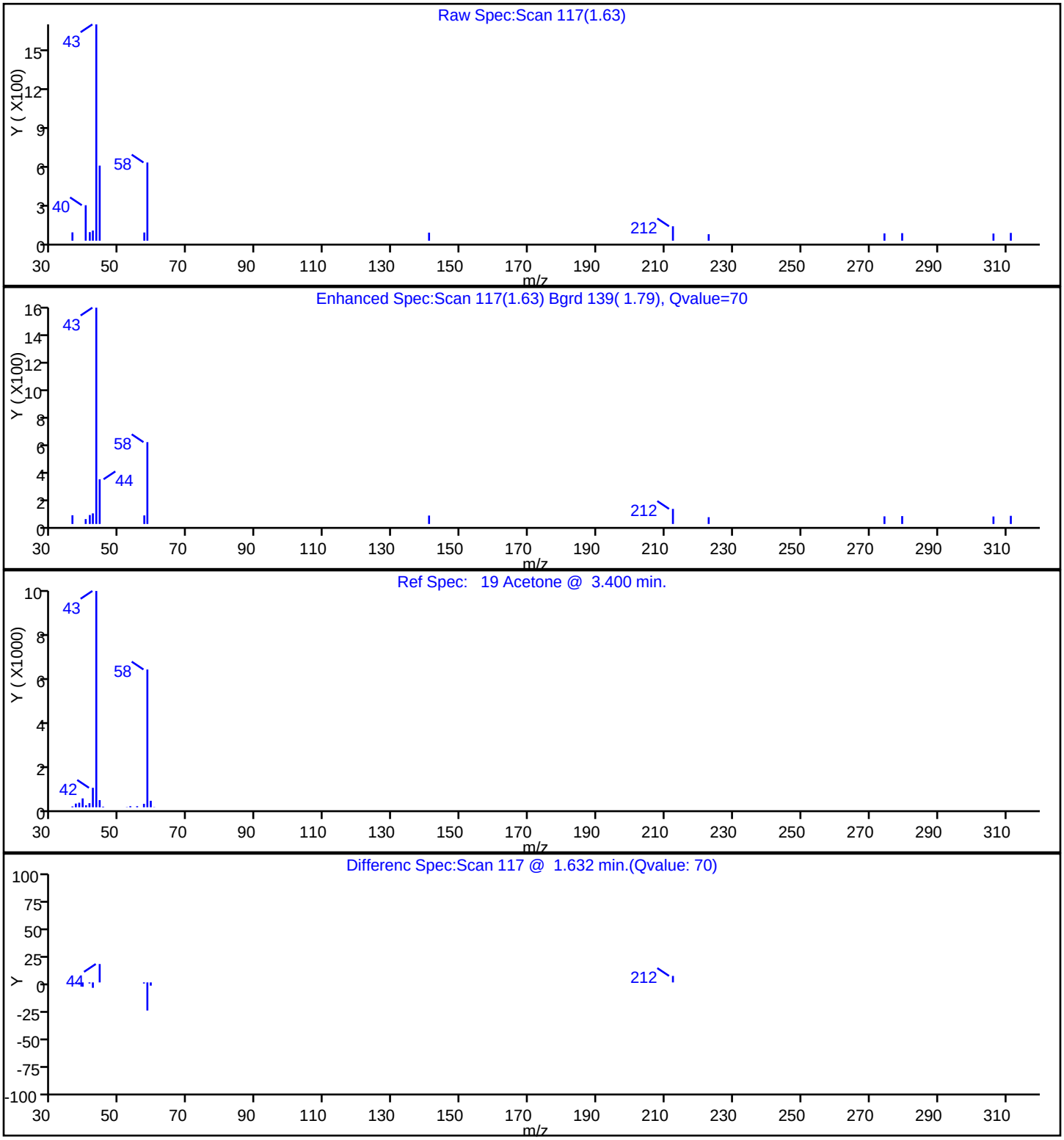
Report Date: 17-Sep-2013 11:11:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77924.D

Injection Date:	16-Sep-2013 22:43:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-14SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	17
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



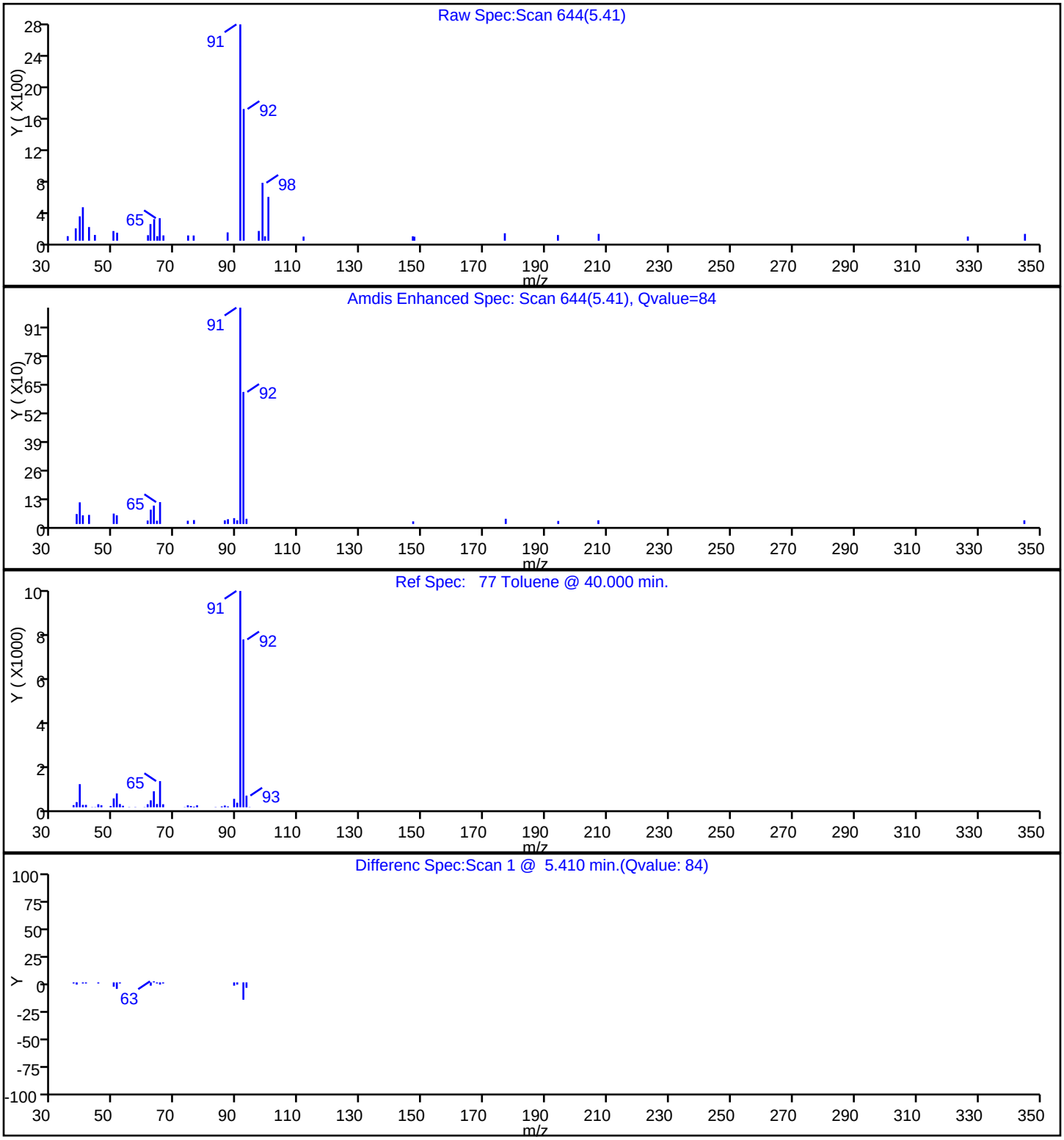
Report Date: 17-Sep-2013 11:11:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77924.D

Injection Date:	16-Sep-2013 22:43:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-14SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	17
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

77 Toluene



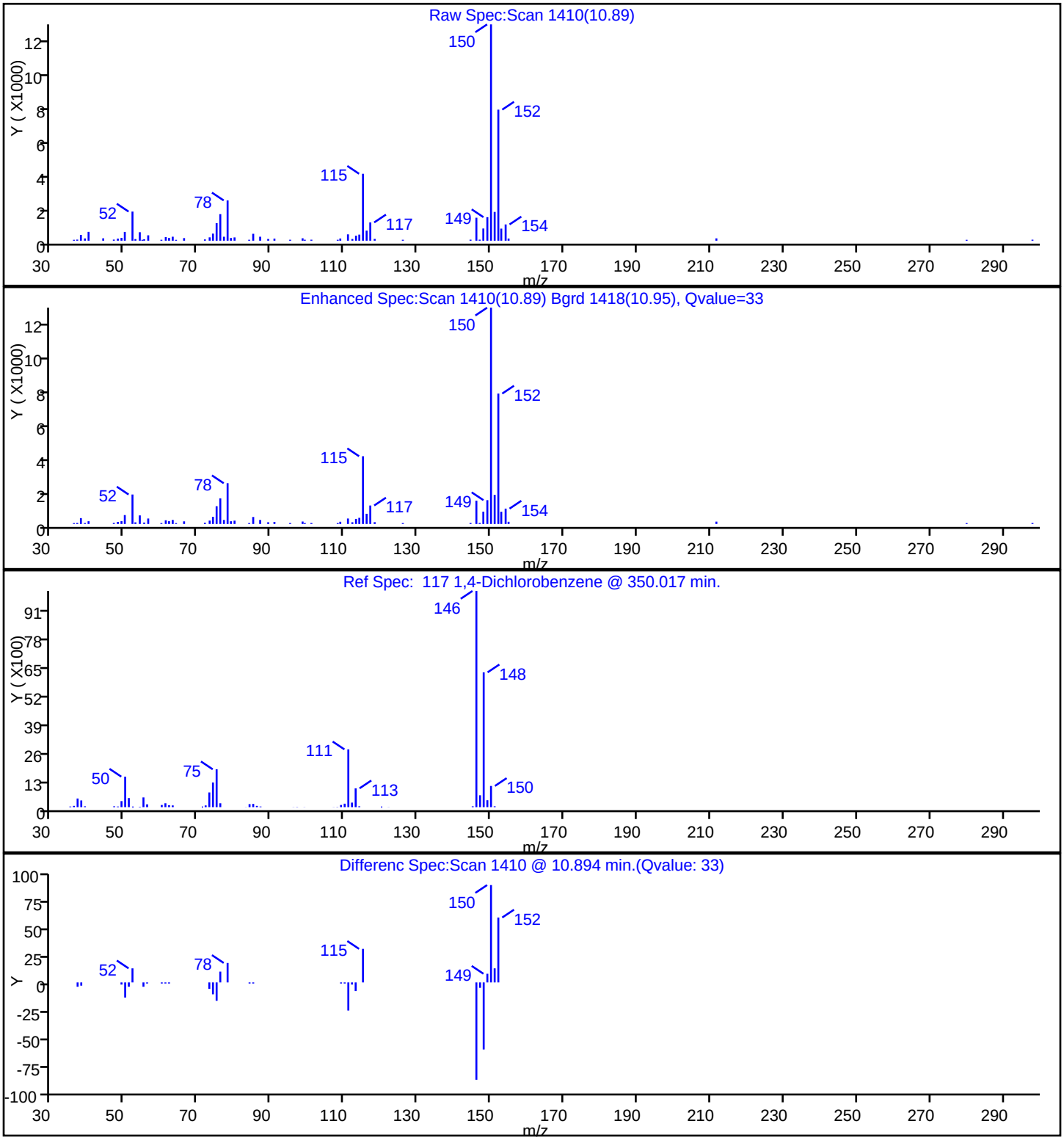
Report Date: 17-Sep-2013 11:11:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77924.D

Injection Date:	16-Sep-2013 22:43:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-14SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	17
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-VD | Lab Sample ID: 460-62993-14

Matrix: Solid | Lab File ID: O77925.D

Analysis Method: 8260B | Date Collected: 09/13/2013 09:40

Sample wt/vol: 5.108(g) | Date Analyzed: 09/16/2013 23:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.4 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.15	U	1.0	0.15
67-64-1	Acetone	1.7	U	5.1	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.64	U	5.1	0.64
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.24	J	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	5.1	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	20	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	5.1	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-VD | Lab Sample ID: 460-62993-14

Matrix: Solid | Lab File ID: O77925.D

Analysis Method: 8260B | Date Collected: 09/13/2013 09:40

Sample wt/vol: 5.108(g) | Date Analyzed: 09/16/2013 23:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.4 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.43	J	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.68	U	3.0	0.68
96-12-8	1,2-Dibromo-3-Chloropropane	0.45	U	1.0	0.45
79-34-5	1,1,2,2-Tetrachloroethane	0.091	U	1.0	0.091
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		70-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
460-00-4	Bromofluorobenzene	97		70-130
1868-53-7	Dibromofluoromethane (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-VD Lab Sample ID: 460-62993-14

Matrix: Solid Lab File ID: O77925.D

Analysis Method: 8260B Date Collected: 09/13/2013 09:40

Sample wt/vol: 5.108(g) Date Analyzed: 09/16/2013 23:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.4 Level: (low/med) Low

Analysis Batch No.: 181583 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77925.D		
Lims ID:	460-62993-A-14-A	Client ID:	PMP-14SE-VD
Inject. Date:	16-Sep-2013 23:08:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-14-A		
Misc. Info.:	460-0004675-018		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	17
Lims Batch ID:	181583	Lims Sample ID:	18
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m		
Last Update:	20-Sep-2013 13:56:00	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK016		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 11:12:46

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	1.904	1.897	0.007	95	277002	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.079	0.007	97	89490	49.6	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.366	3.358	0.008	87	92869	58.3	
* 59 Fluorobenzene	96	3.659	3.652	0.007	100	391427	50.0	
* 150 1,4-Dioxane-d8	96	4.347	4.354	-0.007	83	23672	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	389040	53.1	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	366180	50.0	
97 Bromoform	173	8.466	8.466	0.0	1	417	0.2343	M
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	94	139272	48.6	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	208385	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	54	3095	0.4277	

QC Flag Legend

Review Flags
M - Manually Integrated

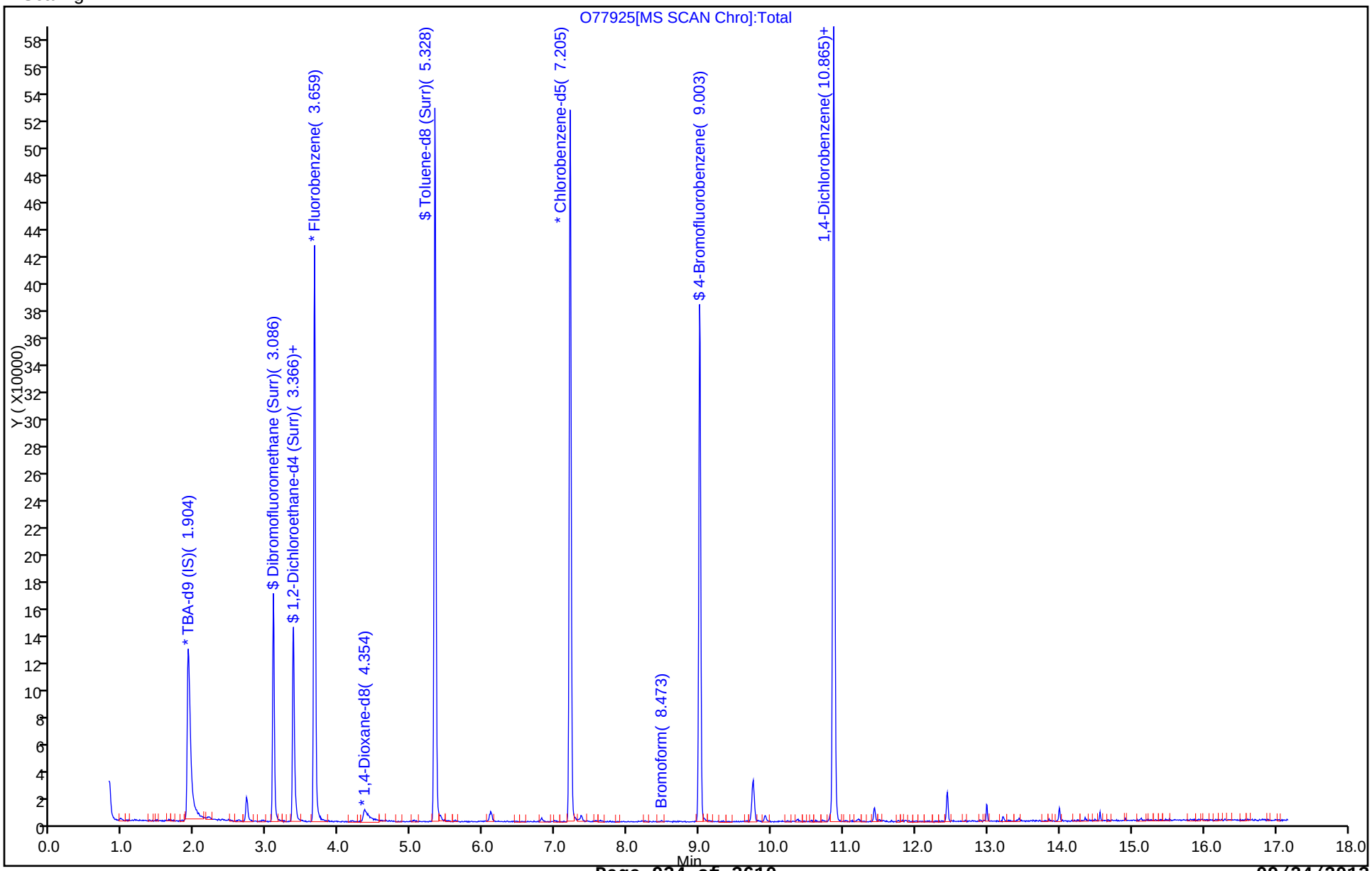
Report Date: 20-Sep-2013 13:56:00 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77925.D

Injection Date:	16-Sep-2013 23:08:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-14SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	18
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

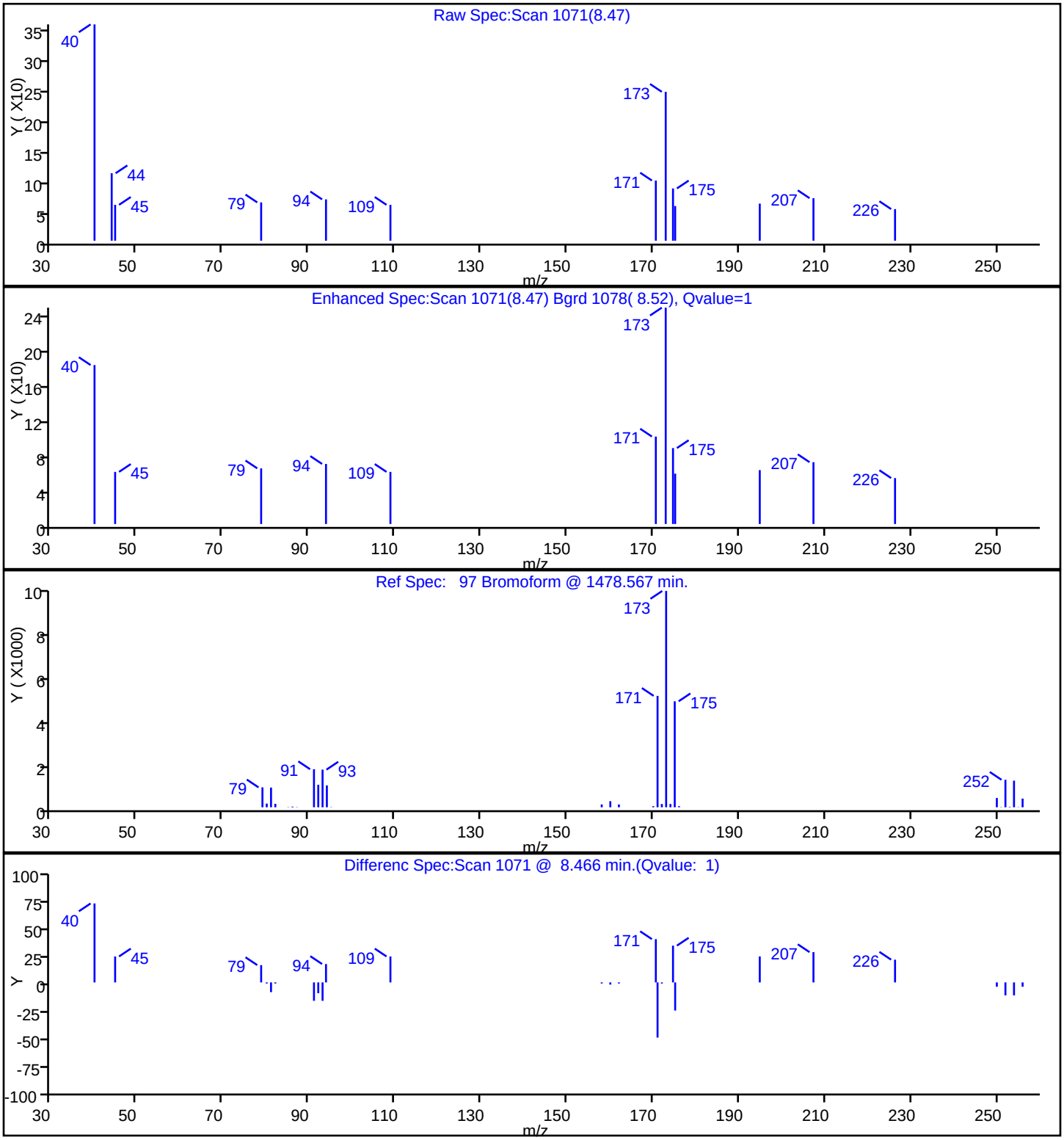
Y Scaling:



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77925.D		
Injection Date:	16-Sep-2013 23:08:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-14SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	18
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

97 Bromoform



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77925.D		
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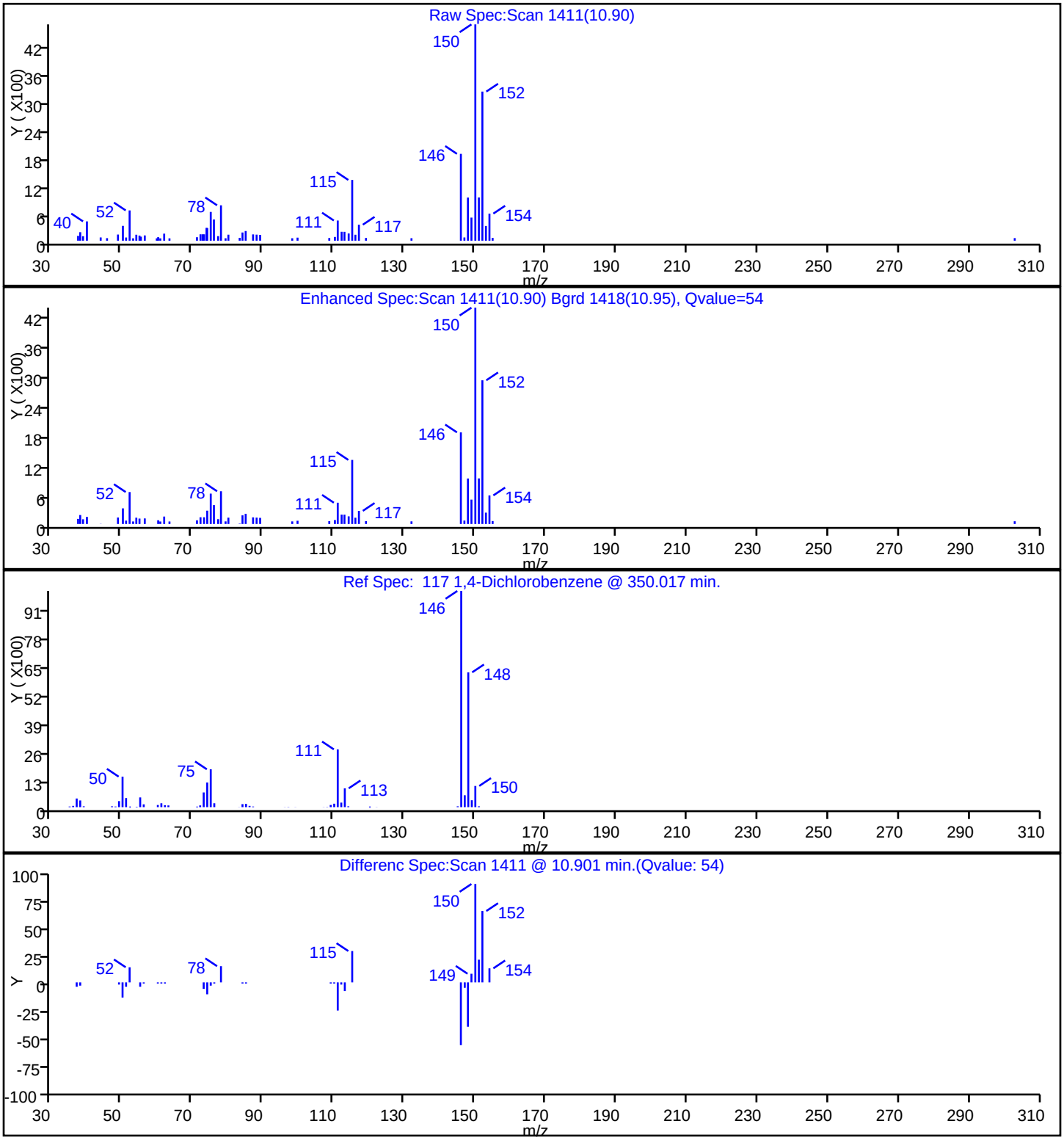
Client ID:	PMP-14SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	18
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



Manual Integration/User Assign Peak Report

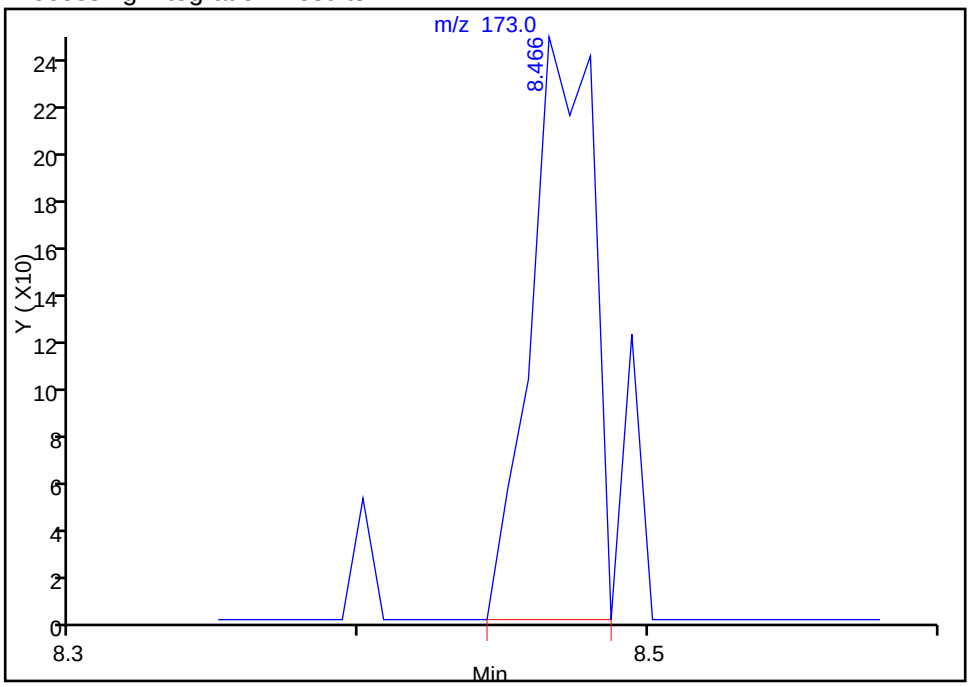
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77925.D		
Injection Date:	16-Sep-2013 23:08:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-14SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	18
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

97 Bromoform, Signal: 1, m/z: 173.0 Type: quant, RT: 8.47

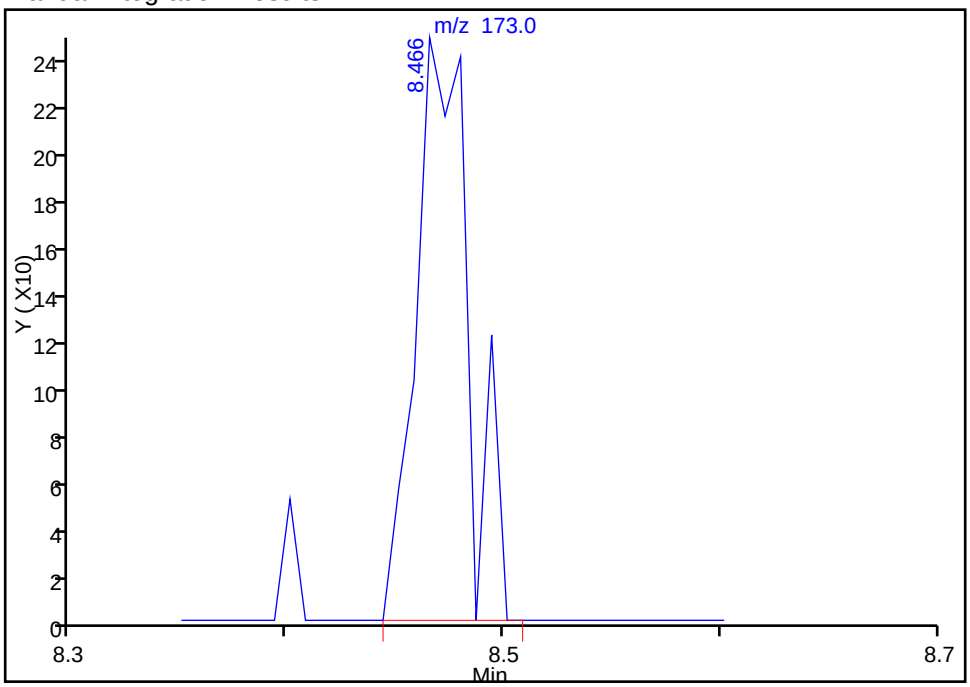
Processing Integration Results

RT: 8.47
Response: 365
Amount: 0.205045



Manual Integration Results

RT: 8.47
Response: 417
Amount: 0.234257



Reviewer: delpolitov, 20-Sep-2013 13:56:00
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-WT | Lab Sample ID: 460-62993-15

Matrix: Solid | Lab File ID: O77926.D

Analysis Method: 8260B | Date Collected: 09/13/2013 09:45

Sample wt/vol: 6.121(g) | Date Analyzed: 09/16/2013 23:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.5 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.14	U	0.85	0.14
74-83-9	Bromomethane	0.36	U	0.85	0.36
75-01-4	Vinyl chloride	0.29	U	0.85	0.29
75-00-3	Chloroethane	0.28	U	0.85	0.28
75-09-2	Methylene Chloride	0.13	U	0.85	0.13
67-64-1	Acetone	1.4	U	4.2	1.4
75-15-0	Carbon disulfide	0.13	U	0.85	0.13
75-69-4	Trichlorofluoromethane	0.14	U	0.85	0.14
75-35-4	1,1-Dichloroethene	0.16	U	0.85	0.16
75-34-3	1,1-Dichloroethane	0.093	U	0.85	0.093
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.85	0.11
156-59-2	cis-1,2-Dichloroethene	0.093	U	0.85	0.093
67-66-3	Chloroform	0.20	U	0.85	0.20
78-93-3	2-Butanone	0.53	U	4.2	0.53
107-06-2	1,2-Dichloroethane	0.15	U	0.85	0.15
71-55-6	1,1,1-Trichloroethane	0.11	U	0.85	0.11
56-23-5	Carbon tetrachloride	0.13	U	0.85	0.13
71-43-2	Benzene	0.13	U	0.85	0.13
75-25-2	Bromoform	0.14	U	0.85	0.14
100-42-5	Styrene	0.24	U	0.85	0.24
100-41-4	Ethylbenzene	0.14	U	0.85	0.14
108-90-7	Chlorobenzene	0.15	U	0.85	0.15
110-82-7	Cyclohexane	0.11	U	0.85	0.11
98-82-8	Isopropylbenzene	0.093	U	0.85	0.093
591-78-6	2-Hexanone	0.11	U	4.2	0.11
1634-04-4	MTBE	0.093	U	0.85	0.093
76-13-1	Freon TF	0.093	U	0.85	0.093
79-20-9	Methyl acetate	0.27	U	0.85	0.27
123-91-1	1,4-Dioxane	11	U	17	11
79-01-6	Trichloroethene	0.10	U	0.85	0.10
108-88-3	Toluene	0.12	U	0.85	0.12
10061-02-6	trans-1,3-Dichloropropene	0.085	U	0.85	0.085
108-10-1	4-Methyl-2-pentanone	0.17	U	4.2	0.17
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.85	0.12
95-50-1	1,2-Dichlorobenzene	0.085	U	0.85	0.085
541-73-1	1,3-Dichlorobenzene	0.14	U	0.85	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-WT | Lab Sample ID: 460-62993-15

Matrix: Solid | Lab File ID: O77926.D

Analysis Method: 8260B | Date Collected: 09/13/2013 09:45

Sample wt/vol: 6.121(g) | Date Analyzed: 09/16/2013 23:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.5 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.51	J	0.85	0.093
120-82-1	1,2,4-Trichlorobenzene	0.16	U	0.85	0.16
87-61-6	1,2,3-Trichlorobenzene	0.14	U	0.85	0.14
78-87-5	1,2-Dichloropropane	0.13	U	0.85	0.13
108-87-2	Methylcyclohexane	0.085	U	0.85	0.085
127-18-4	Tetrachloroethene	0.10	U	0.85	0.10
1330-20-7	Xylenes, Total	0.57	U	2.5	0.57
96-12-8	1,2-Dibromo-3-Chloropropane	0.37	U	0.85	0.37
79-34-5	1,1,2,2-Tetrachloroethane	0.076	U	0.85	0.076
79-00-5	1,1,2-Trichloroethane	0.12	U	0.85	0.12
124-48-1	Dibromochloromethane	0.085	U	0.85	0.085
106-93-4	1,2-Dibromoethane	0.13	U	0.85	0.13
75-71-8	Dichlorodifluoromethane	0.19	U	0.85	0.19
74-97-5	Bromochloromethane	0.093	U	0.85	0.093
75-27-4	Bromodichloromethane	0.27	U	0.85	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	122		70-130
2037-26-5	Toluene-d8 (Surr)	109		70-130
460-00-4	Bromofluorobenzene	100		70-130
1868-53-7	Dibromofluoromethane (Surr)	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-WT Lab Sample ID: 460-62993-15

Matrix: Solid Lab File ID: O77926.D

Analysis Method: 8260B Date Collected: 09/13/2013 09:45

Sample wt/vol: 6.121(g) Date Analyzed: 09/16/2013 23:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.5 Level: (low/med) Low

Analysis Batch No.: 181583 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77926.D		
Lims ID:	460-62993-A-15-A	Client ID:	PMP-14SE-WT
Inject. Date:	16-Sep-2013 23:33:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-15-A		
Misc. Info.:	460-0004675-019		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	18
Lims Batch ID:	181583	Lims Sample ID:	19
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m		
Last Update:	17-Sep-2013 11:14:22	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK037		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 11:14:22

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	1.911	1.897	0.014	92	288053	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.079	0.007	97	90379	50.5	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.366	3.358	0.008	88	96652	61.1	
* 59 Fluorobenzene	96	3.659	3.652	0.007	100	388292	50.0	
* 150 1,4-Dioxane-d8	96	4.354	4.354	0.0	85	25523	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	98	399056	54.7	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	364701	50.0	
$ 99 4-Bromofluorobenzene	174	9.010	9.003	0.007	97	143126	50.1	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	94	209957	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	64	4431	0.6077	

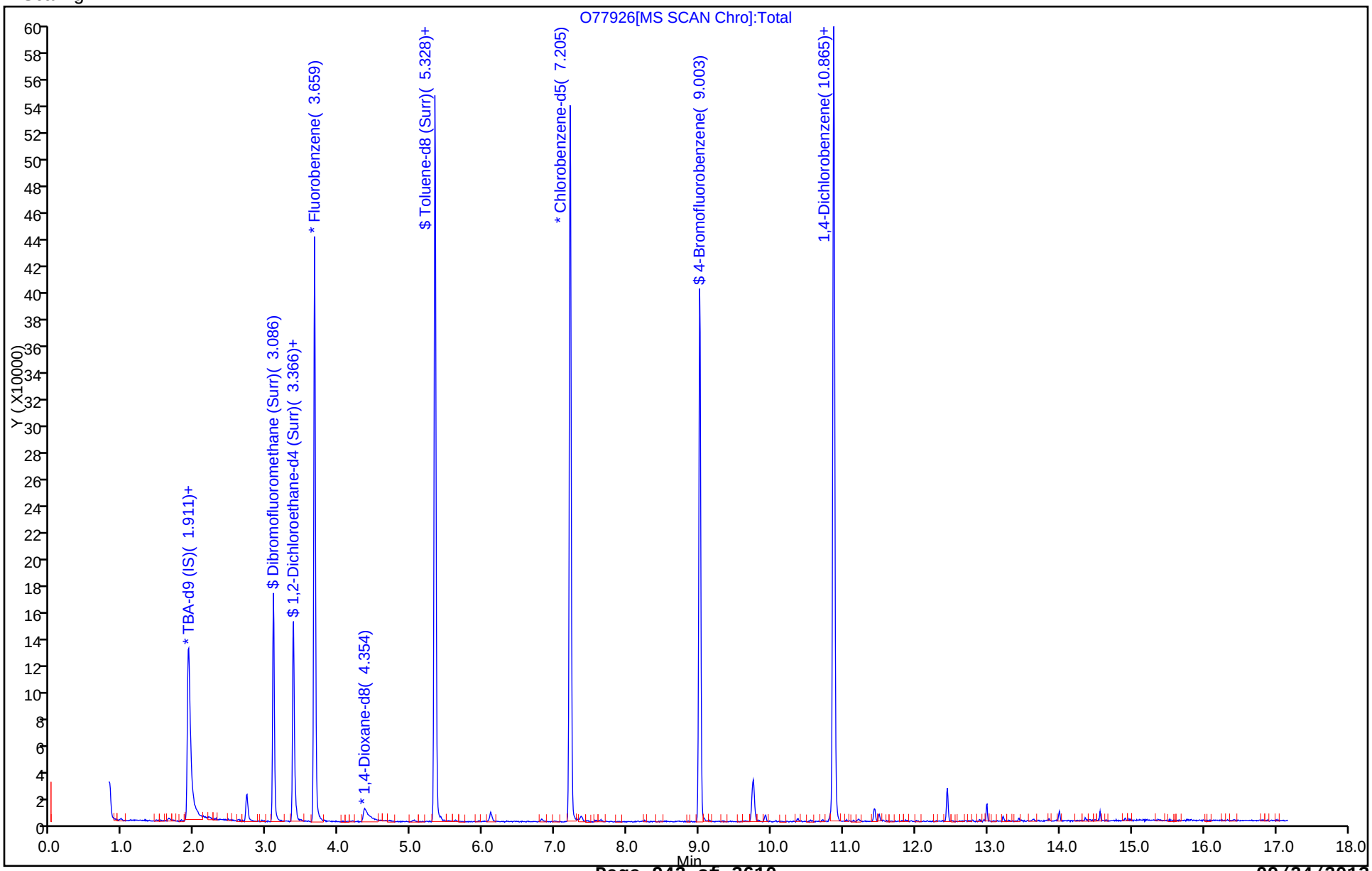
Report Date: 17-Sep-2013 11:14:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77926.D

Injection Date:	16-Sep-2013 23:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-14SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



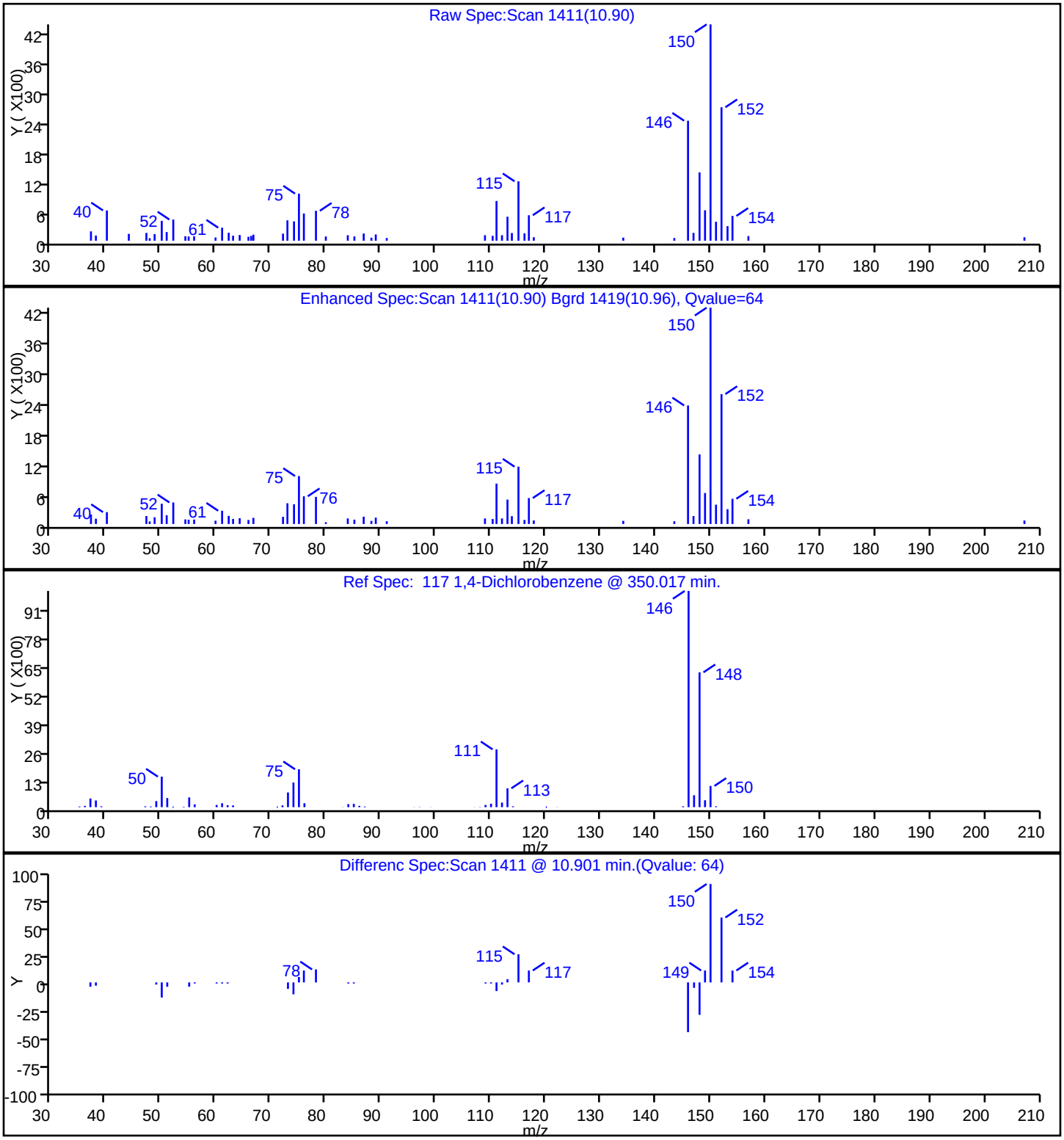
Report Date: 17-Sep-2013 11:14:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77926.D

Injection Date:	16-Sep-2013 23:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-14SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-VS | Lab Sample ID: 460-62993-16

Matrix: Solid | Lab File ID: O77927.D

Analysis Method: 8260B | Date Collected: 09/13/2013 09:50

Sample wt/vol: 5.646(g) | Date Analyzed: 09/16/2013 23:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.3 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.94	0.15
74-83-9	Bromomethane	0.40	U	0.94	0.40
75-01-4	Vinyl chloride	0.32	U	0.94	0.32
75-00-3	Chloroethane	0.31	U	0.94	0.31
75-09-2	Methylene Chloride	0.14	U	0.94	0.14
67-64-1	Acetone	1.6	U	4.7	1.6
75-15-0	Carbon disulfide	0.14	U	0.94	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.94	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.94	0.18
75-34-3	1,1-Dichloroethane	0.10	U	0.94	0.10
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.94	0.12
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.94	0.10
67-66-3	Chloroform	0.22	U	0.94	0.22
78-93-3	2-Butanone	0.59	U	4.7	0.59
107-06-2	1,2-Dichloroethane	0.17	U	0.94	0.17
71-55-6	1,1,1-Trichloroethane	0.12	U	0.94	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.94	0.14
71-43-2	Benzene	0.14	U	0.94	0.14
75-25-2	Bromoform	0.16	U	0.94	0.16
100-42-5	Styrene	0.26	U	0.94	0.26
100-41-4	Ethylbenzene	0.16	U	0.94	0.16
108-90-7	Chlorobenzene	0.17	U	0.94	0.17
110-82-7	Cyclohexane	0.12	U	0.94	0.12
98-82-8	Isopropylbenzene	0.10	U	0.94	0.10
591-78-6	2-Hexanone	0.12	U	4.7	0.12
1634-04-4	MTBE	0.10	U	0.94	0.10
76-13-1	Freon TF	0.10	U	0.94	0.10
79-20-9	Methyl acetate	0.30	U	0.94	0.30
123-91-1	1,4-Dioxane	12	U	19	12
79-01-6	Trichloroethene	0.11	U	0.94	0.11
108-88-3	Toluene	0.13	U	0.94	0.13
10061-02-6	trans-1,3-Dichloropropene	0.094	U	0.94	0.094
108-10-1	4-Methyl-2-pentanone	0.19	U	4.7	0.19
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.94	0.13
95-50-1	1,2-Dichlorobenzene	0.094	U	0.94	0.094
541-73-1	1,3-Dichlorobenzene	0.15	U	0.94	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-VS | Lab Sample ID: 460-62993-16

Matrix: Solid | Lab File ID: O77927.D

Analysis Method: 8260B | Date Collected: 09/13/2013 09:50

Sample wt/vol: 5.646(g) | Date Analyzed: 09/16/2013 23:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.3 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.10	U	0.94	0.10
120-82-1	1,2,4-Trichlorobenzene	0.18	U	0.94	0.18
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.94	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.94	0.14
108-87-2	Methylcyclohexane	0.094	U	0.94	0.094
127-18-4	Tetrachloroethene	0.11	U	0.94	0.11
1330-20-7	Xylenes, Total	0.63	U	2.8	0.63
96-12-8	1,2-Dibromo-3-Chloropropane	0.41	U	0.94	0.41
79-34-5	1,1,2,2-Tetrachloroethane	0.084	U	0.94	0.084
79-00-5	1,1,2-Trichloroethane	0.13	U	0.94	0.13
124-48-1	Dibromochloromethane	0.094	U	0.94	0.094
106-93-4	1,2-Dibromoethane	0.14	U	0.94	0.14
75-71-8	Dichlorodifluoromethane	0.21	U	0.94	0.21
74-97-5	Bromochloromethane	0.10	U	0.94	0.10
75-27-4	Bromodichloromethane	0.30	U	0.94	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		70-130
2037-26-5	Toluene-d8 (Surr)	109		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-VS Lab Sample ID: 460-62993-16

Matrix: Solid Lab File ID: O77927.D

Analysis Method: 8260B Date Collected: 09/13/2013 09:50

Sample wt/vol: 5.646(g) Date Analyzed: 09/16/2013 23:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.3 Level: (low/med) Low

Analysis Batch No.: 181583 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77927.D		
Lims ID:	460-62993-A-16-A	Client ID:	PMP-25SE-VS
Inject. Date:	16-Sep-2013 23:58:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-16-A		
Misc. Info.:	460-0004675-020		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	19
Lims Batch ID:	181583	Lims Sample ID:	20
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m		
Last Update:	17-Sep-2013 11:15:45	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK037		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 11:15:44

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	1.912	1.897	0.015	90	285099	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.079	0.007	97	88875	49.4	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.366	3.358	0.008	88	92598	58.4	
* 59 Fluorobenzene	96	3.659	3.652	0.007	100	389603	50.0	
* 150 1,4-Dioxane-d8	96	4.354	4.354	0.0	85	22038	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	391633	54.4	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	359564	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	94	139116	49.4	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	206144	50.0	

Report Date: 17-Sep-2013 11:15:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77927.D

Injection Date:	16-Sep-2013 23:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-25SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	20
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-VD | Lab Sample ID: 460-62993-17

Matrix: Solid | Lab File ID: O77928.D

Analysis Method: 8260B | Date Collected: 09/13/2013 09:55

Sample wt/vol: 2.154(g) | Date Analyzed: 09/17/2013 00:23

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.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.39	U	2.4	0.39
74-83-9	Bromomethane	1.0	U	2.4	1.0
75-01-4	Vinyl chloride	0.83	U	2.4	0.83
75-00-3	Chloroethane	0.80	U	2.4	0.80
75-09-2	Methylene Chloride	0.37	U	2.4	0.37
67-64-1	Acetone	5.1	J B	12	4.1
75-15-0	Carbon disulfide	0.37	U	2.4	0.37
75-69-4	Trichlorofluoromethane	0.39	U	2.4	0.39
75-35-4	1,1-Dichloroethene	0.46	U	2.4	0.46
75-34-3	1,1-Dichloroethane	0.27	U	2.4	0.27
156-60-5	trans-1,2-Dichloroethene	0.32	U	2.4	0.32
156-59-2	cis-1,2-Dichloroethene	0.27	U	2.4	0.27
67-66-3	Chloroform	0.58	U	2.4	0.58
78-93-3	2-Butanone	1.5	U	12	1.5
107-06-2	1,2-Dichloroethane	0.44	U	2.4	0.44
71-55-6	1,1,1-Trichloroethane	0.32	U	2.4	0.32
56-23-5	Carbon tetrachloride	0.37	U	2.4	0.37
71-43-2	Benzene	0.37	U	2.4	0.37
75-25-2	Bromoform	0.41	U	2.4	0.41
100-42-5	Styrene	0.68	U	2.4	0.68
100-41-4	Ethylbenzene	0.41	U	2.4	0.41
108-90-7	Chlorobenzene	0.44	U	2.4	0.44
110-82-7	Cyclohexane	0.32	U	2.4	0.32
98-82-8	Isopropylbenzene	0.27	U	2.4	0.27
591-78-6	2-Hexanone	0.32	U	12	0.32
1634-04-4	MTBE	0.27	U	2.4	0.27
76-13-1	Freon TF	0.27	U	2.4	0.27
79-20-9	Methyl acetate	0.78	U	2.4	0.78
123-91-1	1,4-Dioxane	31	U	49	31
79-01-6	Trichloroethene	0.29	U	2.4	0.29
108-88-3	Toluene	0.34	U	2.4	0.34
10061-02-6	trans-1,3-Dichloropropene	0.24	U	2.4	0.24
108-10-1	4-Methyl-2-pentanone	0.49	U	12	0.49
10061-01-5	cis-1,3-Dichloropropene	0.34	U	2.4	0.34
95-50-1	1,2-Dichlorobenzene	0.24	U	2.4	0.24
541-73-1	1,3-Dichlorobenzene	0.39	U	2.4	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-VD | Lab Sample ID: 460-62993-17

Matrix: Solid | Lab File ID: O77928.D

Analysis Method: 8260B | Date Collected: 09/13/2013 09:55

Sample wt/vol: 2.154(g) | Date Analyzed: 09/17/2013 00:23

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.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2.2	J	2.4	0.27
120-82-1	1,2,4-Trichlorobenzene	0.46	U	2.4	0.46
87-61-6	1,2,3-Trichlorobenzene	0.39	U	2.4	0.39
78-87-5	1,2-Dichloropropane	0.37	U	2.4	0.37
108-87-2	Methylcyclohexane	0.24	U	2.4	0.24
127-18-4	Tetrachloroethene	0.29	U	2.4	0.29
1330-20-7	Xylenes, Total	1.6	U	7.3	1.6
96-12-8	1,2-Dibromo-3-Chloropropane	1.1	U	2.4	1.1
79-34-5	1,1,2,2-Tetrachloroethane	0.22	U	2.4	0.22
79-00-5	1,1,2-Trichloroethane	0.34	U	2.4	0.34
124-48-1	Dibromochloromethane	0.24	U	2.4	0.24
106-93-4	1,2-Dibromoethane	0.37	U	2.4	0.37
75-71-8	Dichlorodifluoromethane	0.54	U	2.4	0.54
74-97-5	Bromochloromethane	0.27	U	2.4	0.27
75-27-4	Bromodichloromethane	0.78	U	2.4	0.78

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-130
2037-26-5	Toluene-d8 (Surr)	107		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-VD Lab Sample ID: 460-62993-17

Matrix: Solid Lab File ID: O77928.D

Analysis Method: 8260B Date Collected: 09/13/2013 09:55

Sample wt/vol: 2.154(g) Date Analyzed: 09/17/2013 00:23

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.: 181583 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77928.D		
Lims ID:	460-62993-A-17-A	Client ID:	PMP-25SE-VD
Inject. Date:	17-Sep-2013 00:23:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-17-A		
Misc. Info.:	460-0004675-021		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	20
Lims Batch ID:	181583	Lims Sample ID:	21
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m		
Last Update:	17-Sep-2013 11:16:43	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK037		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 11:16:43

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.632	1.625	0.007	63	3888	2.09	
* 151 TBA-d9 (IS)	65	1.912	1.897	0.015	93	253870	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.079	0.007	96	86902	48.9	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.366	3.358	0.008	88	89266	56.9	
* 59 Fluorobenzene	96	3.659	3.652	0.007	99	385414	50.0	
* 150 1,4-Dioxane-d8	96	4.354	4.354	0.0	82	20620	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	387010	53.7	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	359985	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	93	139270	49.4	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	208910	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	82	6579	0.9068	

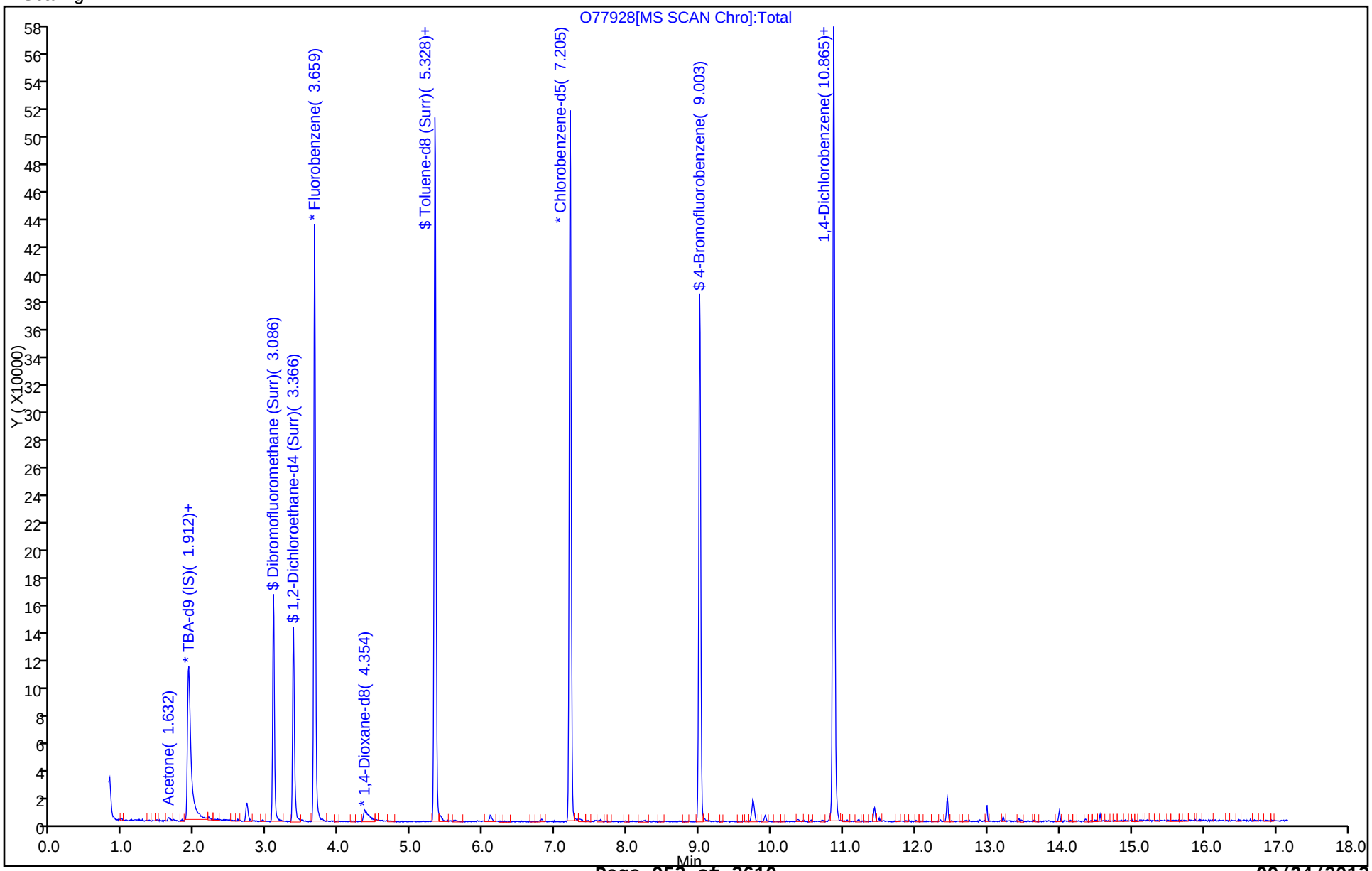
Report Date: 17-Sep-2013 11:16:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77928.D

Injection Date:	17-Sep-2013 00:23:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-25SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	21
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

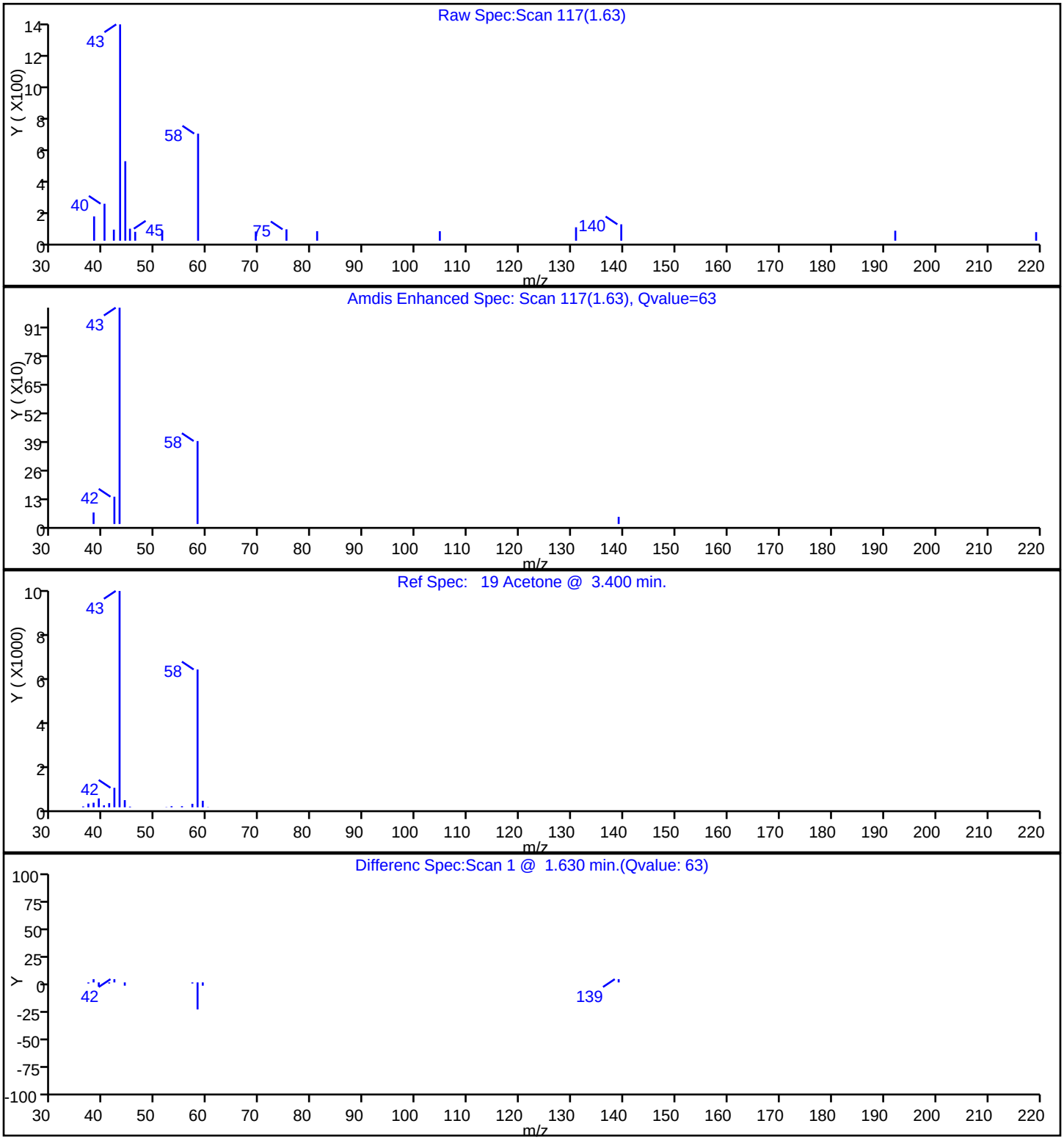
Y Scaling:



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77928.D		
Injection Date:	17-Sep-2013 00:23:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-25SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	21
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



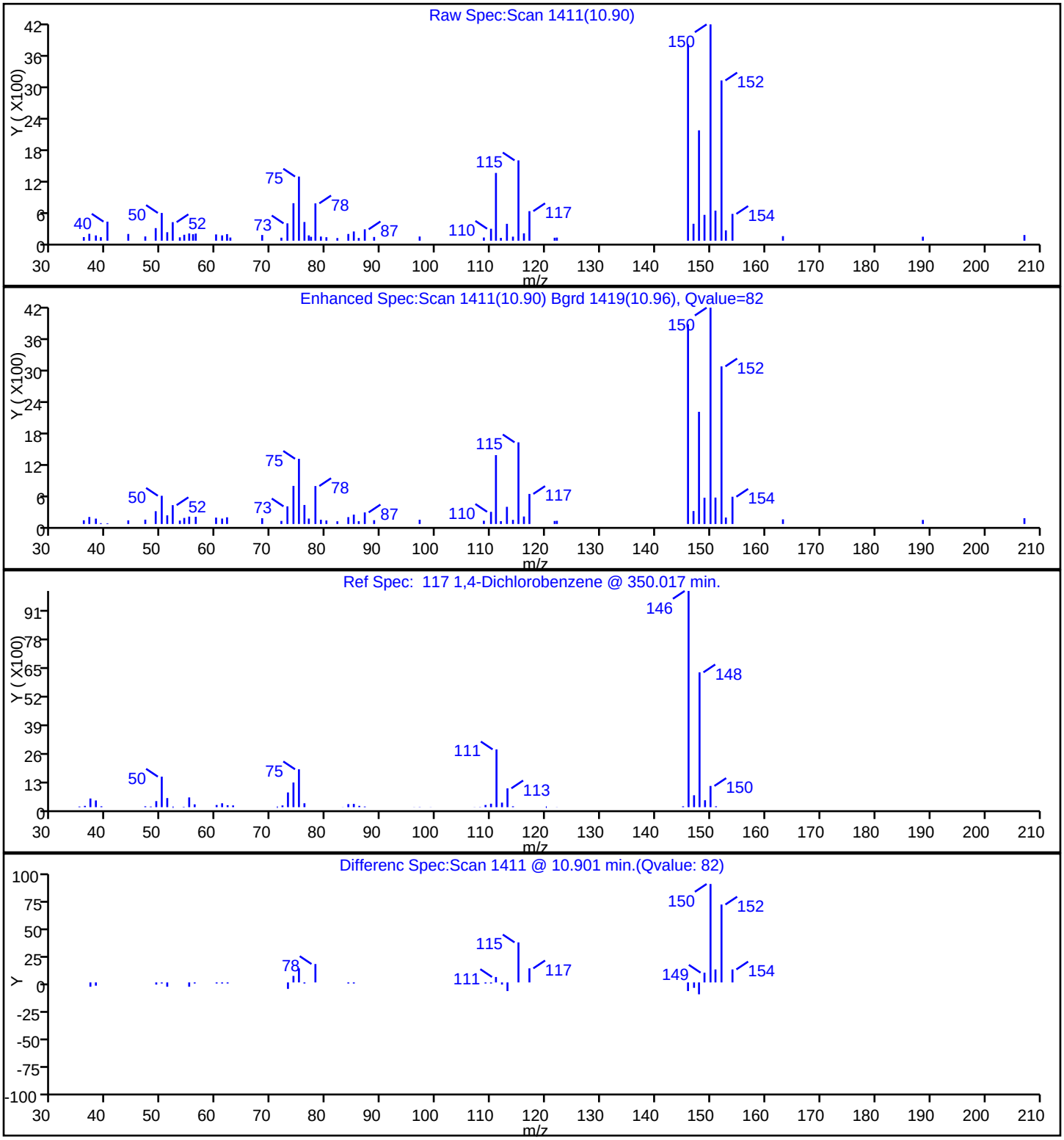
Report Date: 17-Sep-2013 11:16:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77928.D

Injection Date:	17-Sep-2013 00:23:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-25SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	21
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-WT | Lab Sample ID: 460-62993-18

Matrix: Solid | Lab File ID: O77929.D

Analysis Method: 8260B | Date Collected: 09/13/2013 10:00

Sample wt/vol: 5.695(g) | Date Analyzed: 09/17/2013 00:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.4 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.15	U	1.0	0.15
67-64-1	Acetone	1.7	U	5.0	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	5.0	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	5.0	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	20	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-WT | Lab Sample ID: 460-62993-18

Matrix: Solid | Lab File ID: O77929.D

Analysis Method: 8260B | Date Collected: 09/13/2013 10:00

Sample wt/vol: 5.695(g) | Date Analyzed: 09/17/2013 00:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.4 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.72	J	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
460-00-4	Bromofluorobenzene	98		70-130
1868-53-7	Dibromofluoromethane (Surr)	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-WT Lab Sample ID: 460-62993-18

Matrix: Solid Lab File ID: O77929.D

Analysis Method: 8260B Date Collected: 09/13/2013 10:00

Sample wt/vol: 5.695(g) Date Analyzed: 09/17/2013 00:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.4 Level: (low/med) Low

Analysis Batch No.: 181583 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77929.D		
Lims ID:	460-62993-A-18-A	Client ID:	PMP-25SE-WT
Inject. Date:	17-Sep-2013 00:49:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-18-A		
Misc. Info.:	460-0004675-022		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	21
Lims Batch ID:	181583	Lims Sample ID:	22
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m		
Last Update:	17-Sep-2013 11:17:37	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK037		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 11:17:37

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	1.911	1.897	0.014	91	282227	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.079	0.007	97	88602	49.2	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.366	3.358	0.008	87	91626	57.6	
* 59 Fluorobenzene	96	3.659	3.652	0.007	100	390393	50.0	
* 150 1,4-Dioxane-d8	96	4.354	4.354	0.0	80	24444	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	387210	53.2	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	83	363276	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	94	138927	48.8	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	207004	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	69	5159	0.7176	

Report Date: 17-Sep-2013 11:17:37 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77929.D

Injection Date:	17-Sep-2013 00:49:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-25SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	22
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:

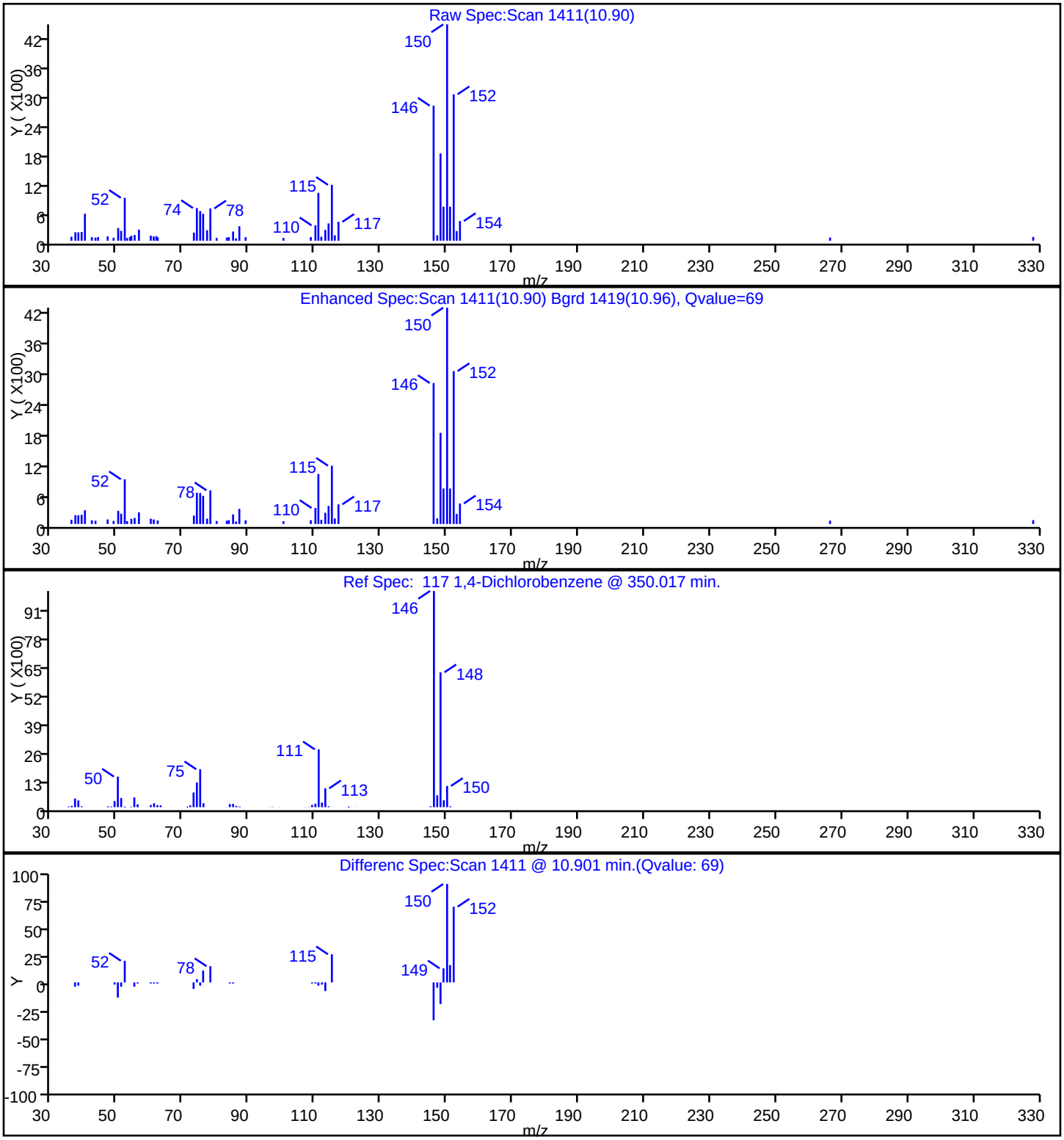
Report Date: 17-Sep-2013 11:17:37 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77929.D

Injection Date:	17-Sep-2013 00:49:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-25SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	22
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-VD | Lab Sample ID: 460-62993-19

Matrix: Solid | Lab File ID: B60691.D

Analysis Method: 8260B | Date Collected: 09/13/2013 10:10

Sample wt/vol: 2.956(g) | Date Analyzed: 09/19/2013 21:07

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.6 | Level: (low/med) Medium

Analysis Batch No.: 182095 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17	U	180	17
74-83-9	Bromomethane	32	U	180	32
75-01-4	Vinyl chloride	26	U	180	26
75-00-3	Chloroethane	30	U	180	30
75-09-2	Methylene Chloride	33	U	180	33
67-64-1	Acetone	480	U	900	480
75-15-0	Carbon disulfide	22	U	180	22
75-69-4	Trichlorofluoromethane	26	U	180	26
75-35-4	1,1-Dichloroethene	16	U	180	16
75-34-3	1,1-Dichloroethane	23	U	180	23
156-60-5	trans-1,2-Dichloroethene	23	U	180	23
156-59-2	cis-1,2-Dichloroethene	32	U	180	32
67-66-3	Chloroform	79	J	180	14
78-93-3	2-Butanone	420	U	900	420
107-06-2	1,2-Dichloroethane	34	U	180	34
71-55-6	1,1,1-Trichloroethane	11	U	180	11
56-23-5	Carbon tetrachloride	10	U	180	10
71-43-2	Benzene	15	U	180	15
75-25-2	Bromoform	34	U	180	34
100-42-5	Styrene	21	U	180	21
100-41-4	Ethylbenzene	17	U	180	17
108-90-7	Chlorobenzene	20	U	180	20
110-82-7	Cyclohexane	28	U	180	28
98-82-8	Isopropylbenzene	14	U	180	14
591-78-6	2-Hexanone	90	U	900	90
1634-04-4	MTBE	25	U	180	25
76-13-1	Freon TF	15	U	180	15
79-20-9	Methyl acetate	60	U	900	60
123-91-1	1,4-Dioxane	6400	U	9000	6400
79-01-6	Trichloroethene	21	J	180	16
108-88-3	Toluene	27	U	180	27
10061-02-6	trans-1,3-Dichloropropene	43	U	180	43
108-10-1	4-Methyl-2-pentanone	180	U	900	180
10061-01-5	cis-1,3-Dichloropropene	33	U	180	33
95-50-1	1,2-Dichlorobenzene	37	U	180	37
541-73-1	1,3-Dichlorobenzene	24	U	180	24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-VD | Lab Sample ID: 460-62993-19

Matrix: Solid | Lab File ID: B60691.D

Analysis Method: 8260B | Date Collected: 09/13/2013 10:10

Sample wt/vol: 2.956(g) | Date Analyzed: 09/19/2013 21:07

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.6 | Level: (low/med) Medium

Analysis Batch No.: 182095 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	42	U	180	42
120-82-1	1,2,4-Trichlorobenzene	6800		180	61
87-61-6	1,2,3-Trichlorobenzene	92	U	180	92
78-87-5	1,2-Dichloropropane	15	U	180	15
108-87-2	Methylcyclohexane	24	U *	180	24
127-18-4	Tetrachloroethene	17	U	180	17
1330-20-7	Xylenes, Total	64	U	540	64
96-12-8	1,2-Dibromo-3-Chloropropane	72	U *	180	72
79-34-5	1,1,2,2-Tetrachloroethane	28	U	180	28
79-00-5	1,1,2-Trichloroethane	34	U	180	34
124-48-1	Dibromochloromethane	36	U	180	36
106-93-4	1,2-Dibromoethane	49	U	180	49
75-71-8	Dichlorodifluoromethane	39	U	180	39
74-97-5	Bromochloromethane	49	U	180	49
75-27-4	Bromodichloromethane	22	U	180	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	156	X	75-135
2037-26-5	Toluene-d8 (Surr)	138		59-150
460-00-4	Bromofluorobenzene	150	X	72-133
1868-53-7	Dibromofluoromethane (Surr)	154	X	70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-VD Lab Sample ID: 460-62993-19

Matrix: Solid Lab File ID: B60691.D

Analysis Method: 8260B Date Collected: 09/13/2013 10:10

Sample wt/vol: 2.956(g) Date Analyzed: 09/19/2013 21:07

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.6 Level: (low/med) Medium

Analysis Batch No.: 182095 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 246000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
493-02-7	Naphthalene, decahydro-, trans-	11.04	26000	J N
1074-55-1	Benzene, 1-methyl-4-propyl-	11.18	13000	J N
1587-04-8	Benzene, 1-methyl-2-(2-propenyl)-	11.46	16000	J N
	Unknown	11.55	26000	J
2958-75-0	1-Methyldecahydronaphthalene	11.71	31000	J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	11.77	25000	J N
2234-20-0	2,4-Dimethylstyrene	12.03	25000	J N
	Unknown	12.14	34000	J
56253-64-6	Benzene, (2-methyl-1-butenyl)-	12.33	20000	J N
4912-92-9	1H-Indene, 2,3-dihydro-1,1-dimethyl-	12.41	30000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60691.D		
Lims ID:	460-62993-C-19-A	Client ID:	PMP-7SE-VD
Inject. Date:	19-Sep-2013 21:07:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62993-C-19-A		
Misc. Info.:	460-0004800-025		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	24
Lims Batch ID:	182095	Lims Sample ID:	25
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\8260W_2.m		
Last Update:	20-Sep-2013 17:40:59	Calib Date:	18-Sep-2013 04:57:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4744.b\B60605.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK024		
First Level Reviewer: boykink		Date:	19-Sep-2013 21:58:50

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	2.814	2.797	0.017	76	307649	1000.0	
47 Chloroform	83	4.303	4.311	-0.008	81	3123	0.4419	
$ 57 Dibromofluoromethane (Surr)	113	4.484	4.484	0.0	98	315212	77.1	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.887	0.0	89	472635	77.9	
* 58 Fluorobenzene	96	5.208	5.208	0.0	97	654653	50.0	
60 Trichloroethene	95	5.636	5.636	0.0	23	497	0.1181	
* 65 1,4-Dioxane-d8	96	6.072	6.064	0.008	85	37982	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.208	7.200	0.008	97	946886	69.0	
* 87 Chlorobenzene-d5	117	8.764	8.763	0.001	90	549281	50.0	
$ 97 4-Bromofluorobenzene	174	9.858	9.858	0.0	90	405509	75.1	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	97	316505	50.0	
127 1,2,4-Trichlorobenzene	180	12.368	12.368	0.0	73	177186	37.7	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60691.D		
Lims ID:	460-62993-C-19-A	Client ID:	PMP-7SE-VD
Inject. Date:	19-Sep-2013 21:07:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62993-C-19-A		
Misc. Info.:	460-0004800-025		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	24
Lims Batch ID:	182095	Lims Sample ID:	25
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\8260W_2.m		
Last Update:	20-Sep-2013 17:40:59	Calib Date:	18-Sep-2013 04:57:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	80		
Process Host:	XAWRK024		
First Level Reviewer: boykink		Date:	19-Sep-2013 21:58:50

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	493-02-7	Naphthalene, decahydro-, trans-				
11.043	7952266	146.7	115	98	16320	
	1074-55-1	Benzene, 1-methyl-4-propyl-				
11.183	3917002	72.3	115	87	14344	
	1587-04-8	Benzene, 1-methyl-2-(2-propenyl)-				
11.455	4862509	89.7	115	86	13621	
		Unknown				
11.545	7800647	143.9	115	0	0	
	2958-75-0	1-Methyldecahydronaphthalene				
11.710	9420450	173.8	115	98	24317	
	2050-24-0	Benzene, 1,3-diethyl-5-methyl-				
11.767	7465316	137.7	115	95	21830	
	2234-20-0	2,4-Dimethylstyrene				
12.031	7523861	138.8	115	92	13572	
		Unknown				
12.138	10161534	187.4	115	0	0	
	56253-64-6	Benzene, (2-methyl-1-butenyl)-				
12.327	5984233	110.4	115	93	20721	
	4912-92-9	1H-Indene, 2,3-dihydro-1,1-dimethyl-				
12.409	9125834	168.3	115	81	20740	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 115 1,4-Dichlorobenzene-d4	10.813	2710586	50.0

QC Flag Legend

Processing Flags

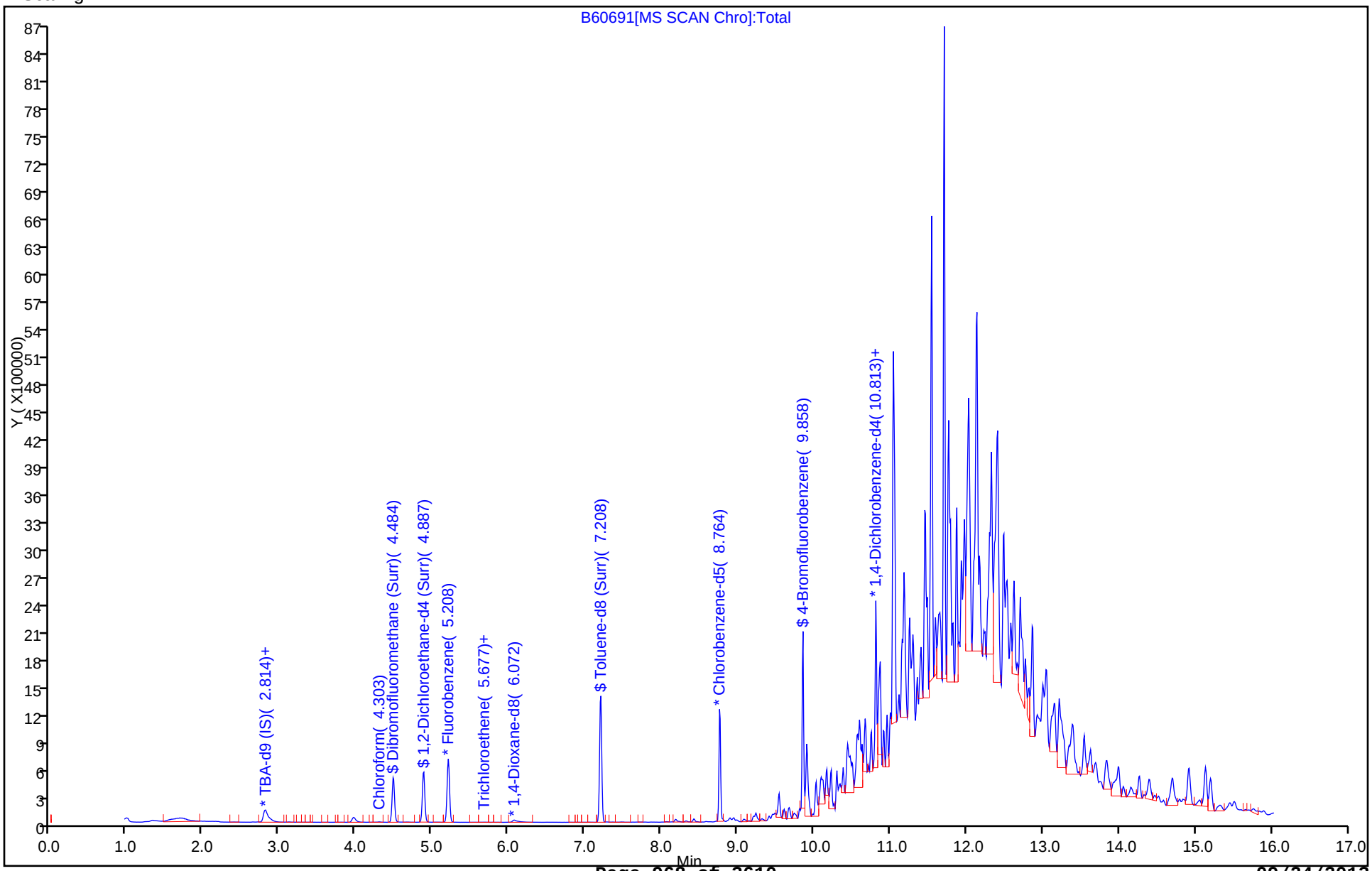
Report Date: 20-Sep-2013 17:40:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60691.D

Injection Date:	19-Sep-2013 21:07:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



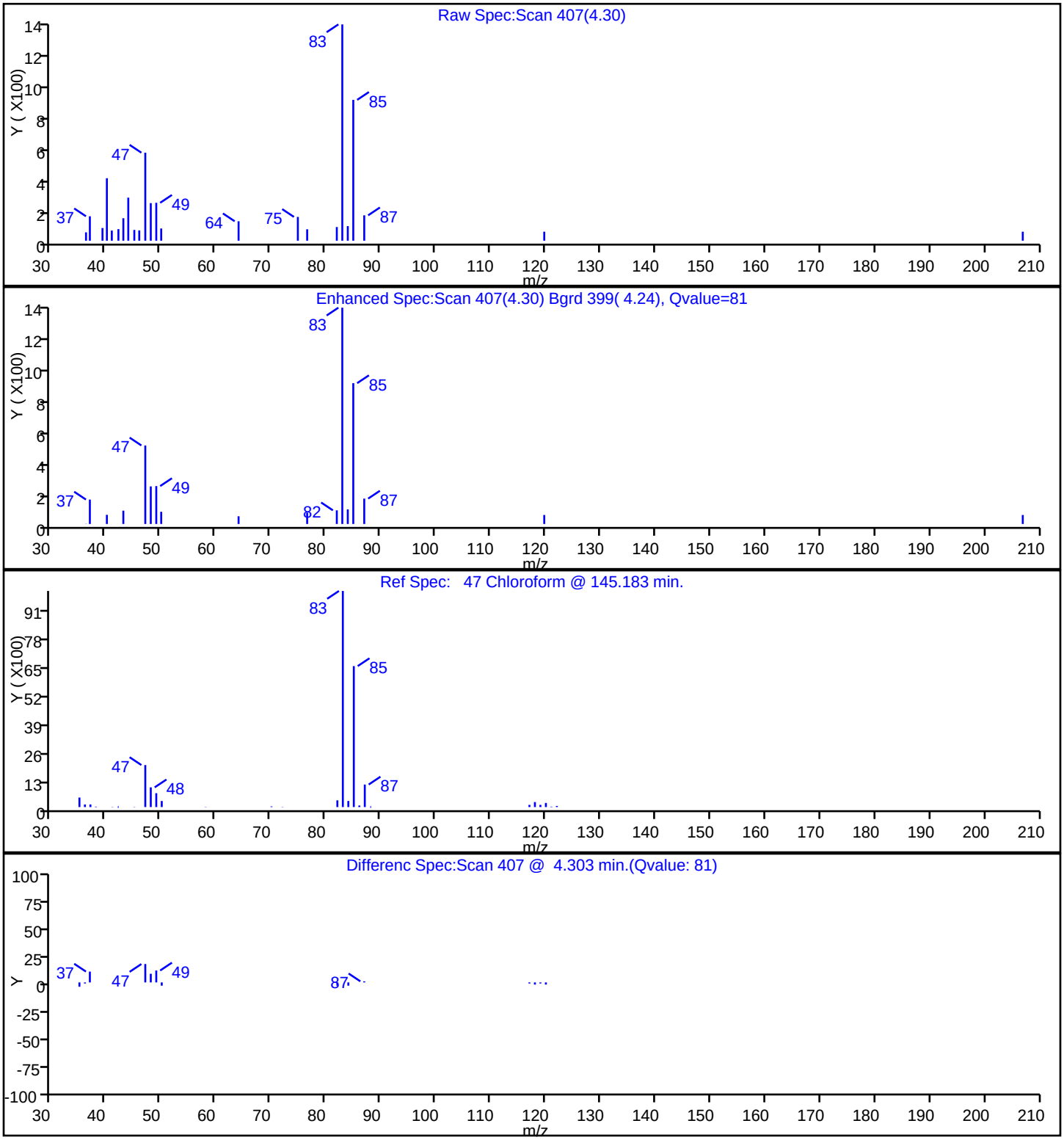
Report Date: 20-Sep-2013 17:40:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60691.D

Injection Date:	19-Sep-2013 21:07:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



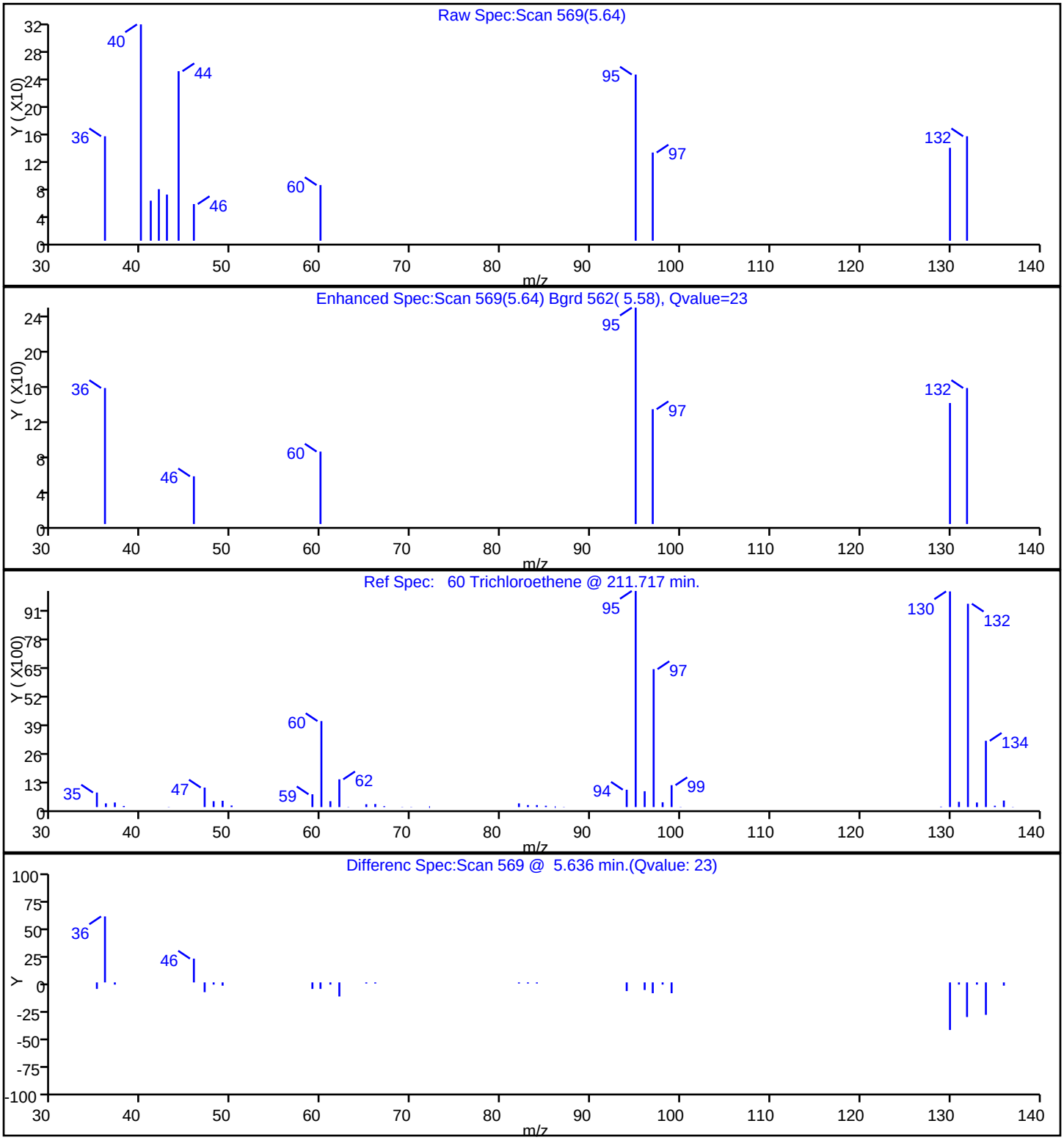
Report Date: 20-Sep-2013 17:40:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60691.D

Injection Date:	19-Sep-2013 21:07:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

60 Trichloroethene



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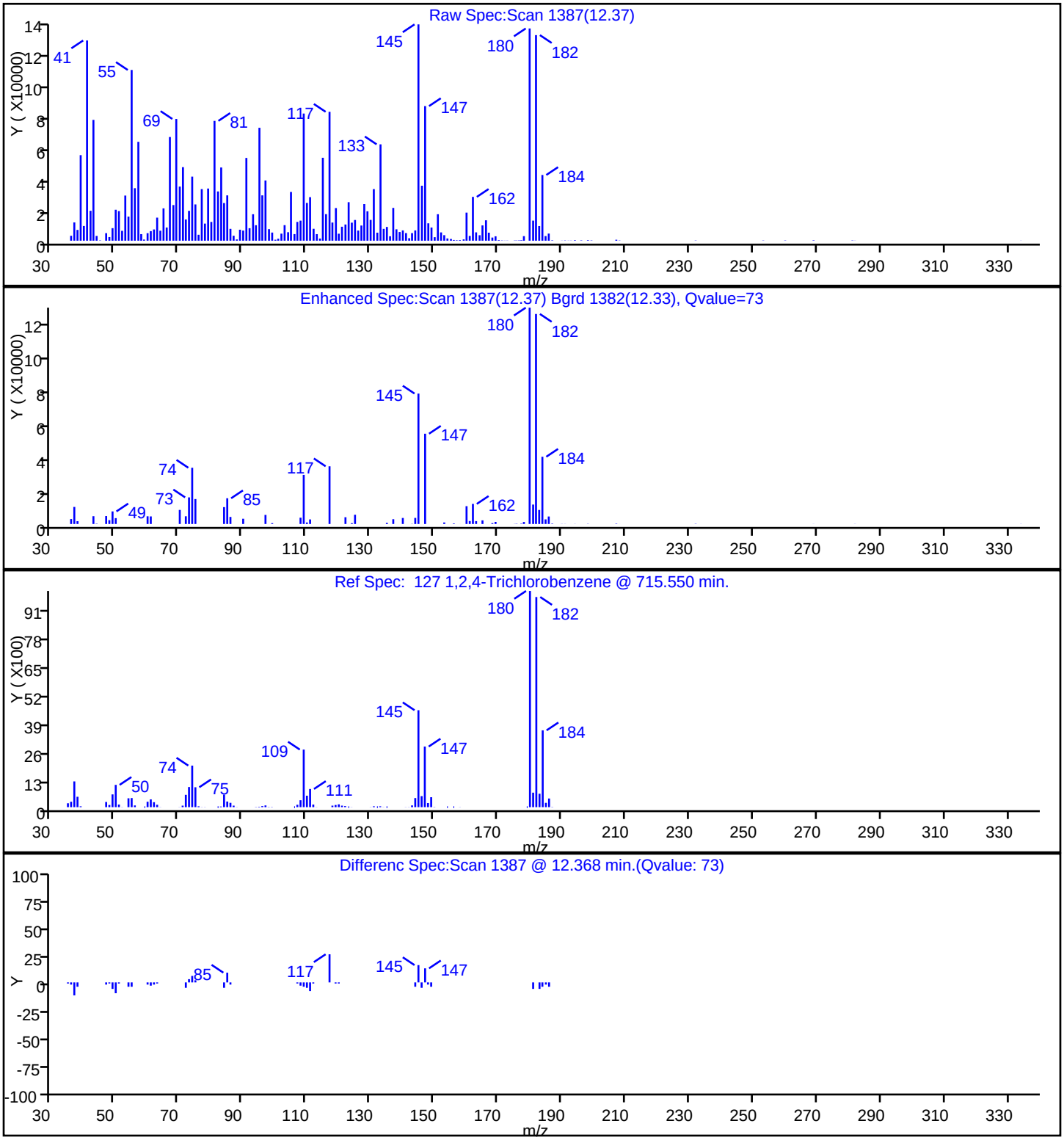
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60691.D

Injection Date:	19-Sep-2013 21:07:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

127 1,2,4-Trichlorobenzene



Report Date: 20-Sep-2013 17:41:00 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60691.D

Injection Date: 19-Sep-2013 21:07:30 Limit Group: VOA - 8260B Water and Solid

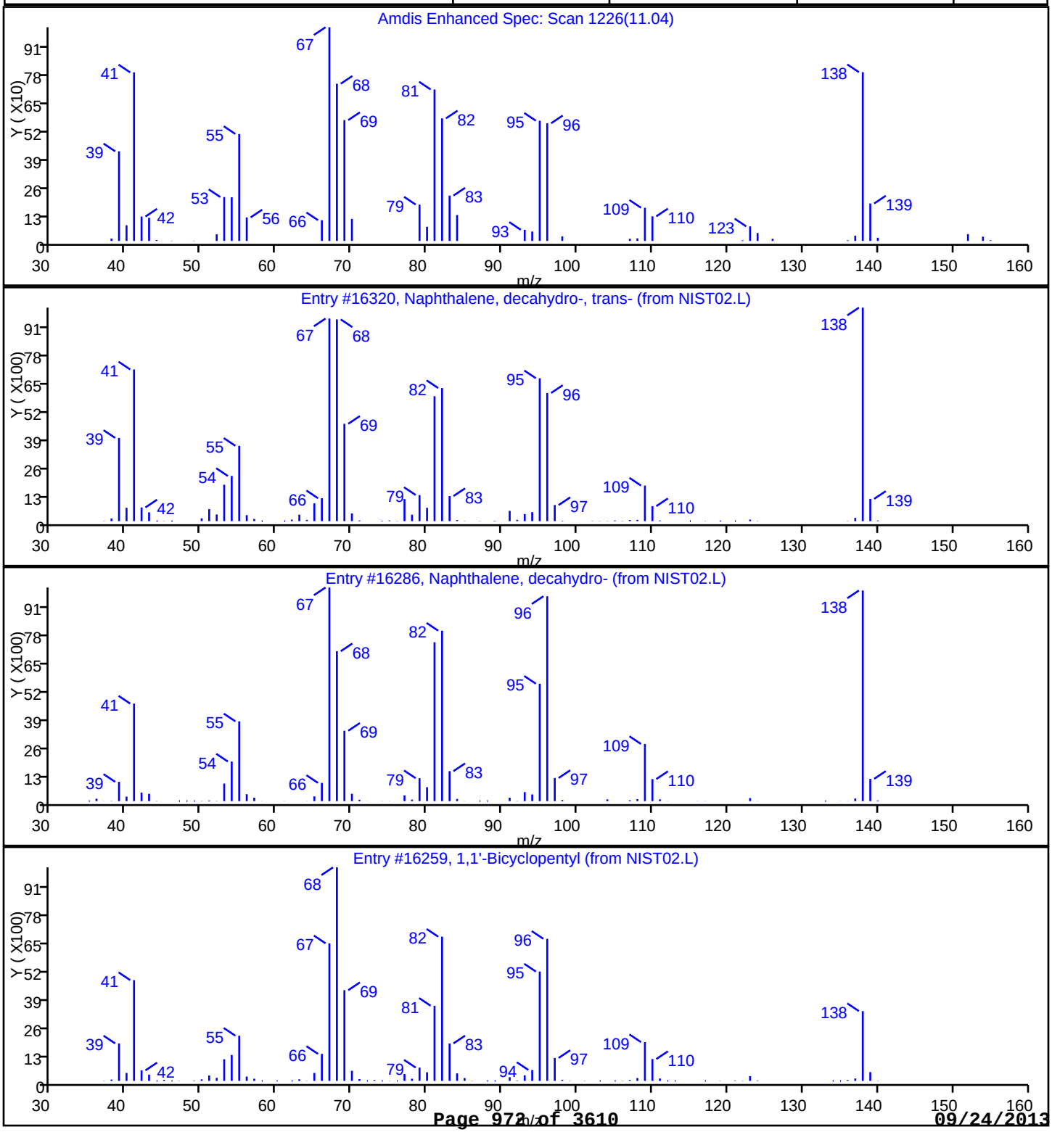
Client ID: PMP-7SE-VD Instrument ID: CVOAMS2

Lims Batch ID: 182095 Lims Sample ID: 25

Operator ID: Purge Vol: 5.000 mL

Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-, trans-	493-02-7	NIST02.L	16320	98
Naphthalene, decahydro-	91-17-8	NIST02.L	16286	90
1,1'-Bicyclopentyl	1636-39-1	NIST02.L	16259	81



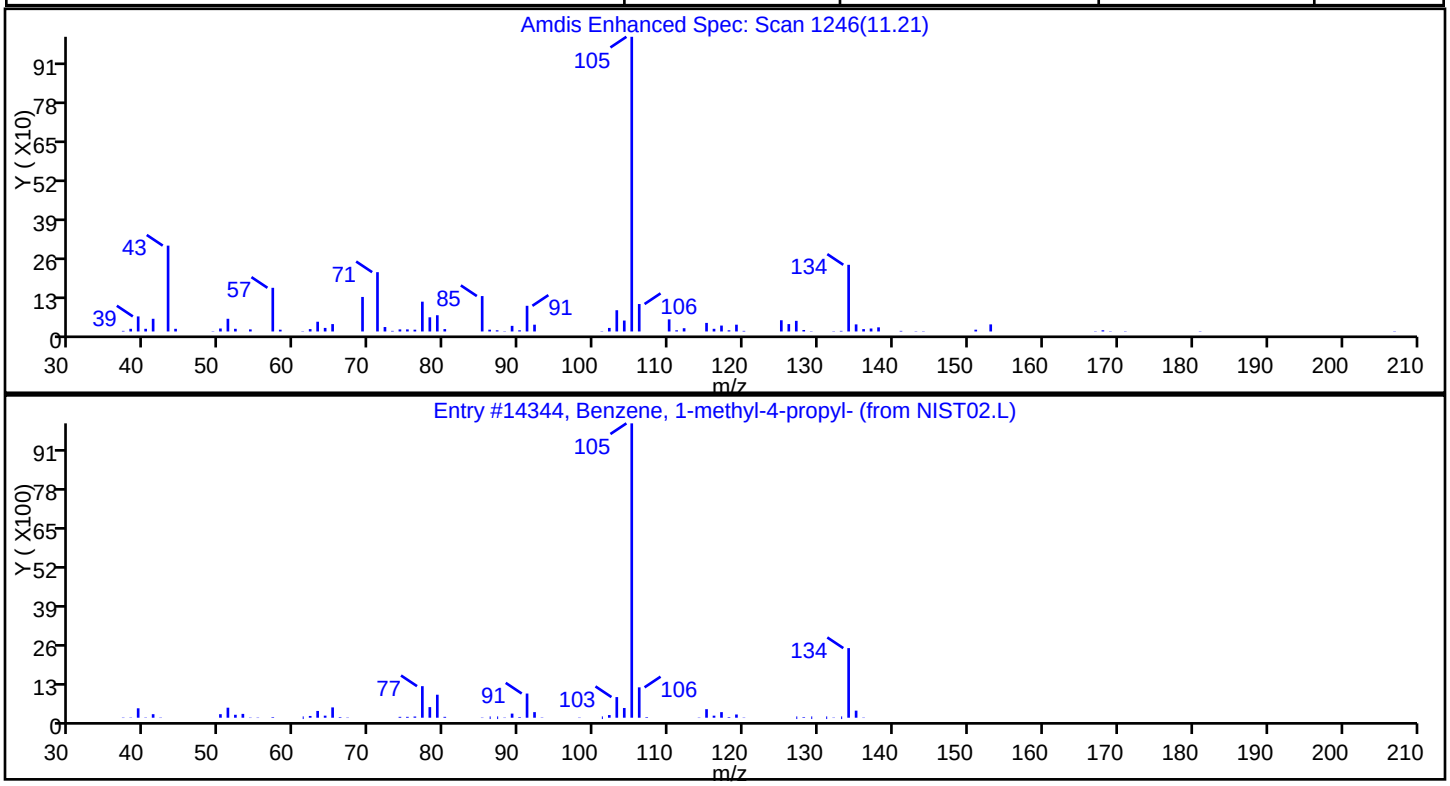
Report Date: 20-Sep-2013 17:41:00 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60691.D

Injection Date:	19-Sep-2013 21:07:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-4-propyl-	1074-55-1	NIST02.L	14344	87



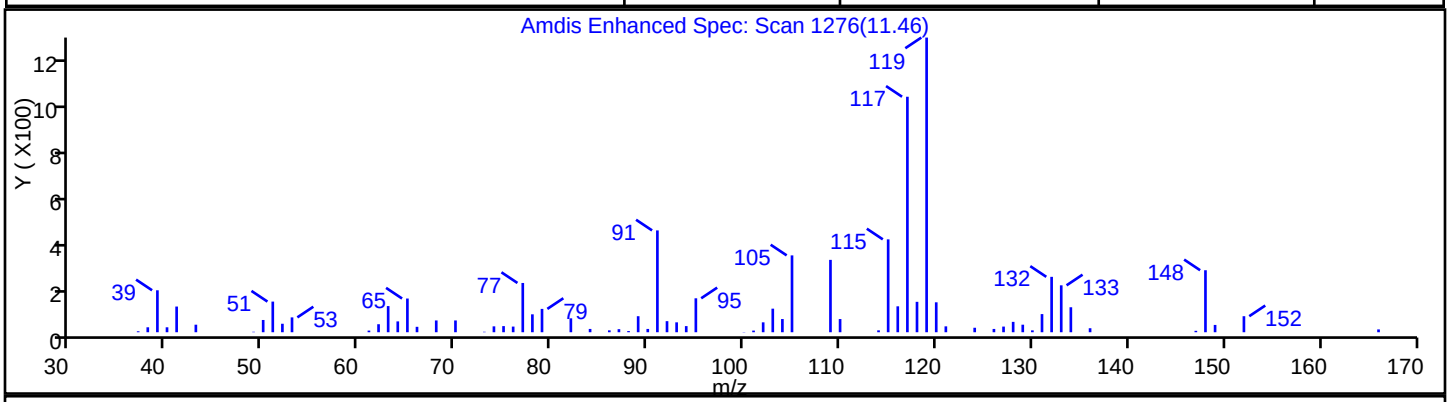
Report Date: 20-Sep-2013 17:41:00 Chrom Revision: 2.1 25-Jul-2013 20:19:50

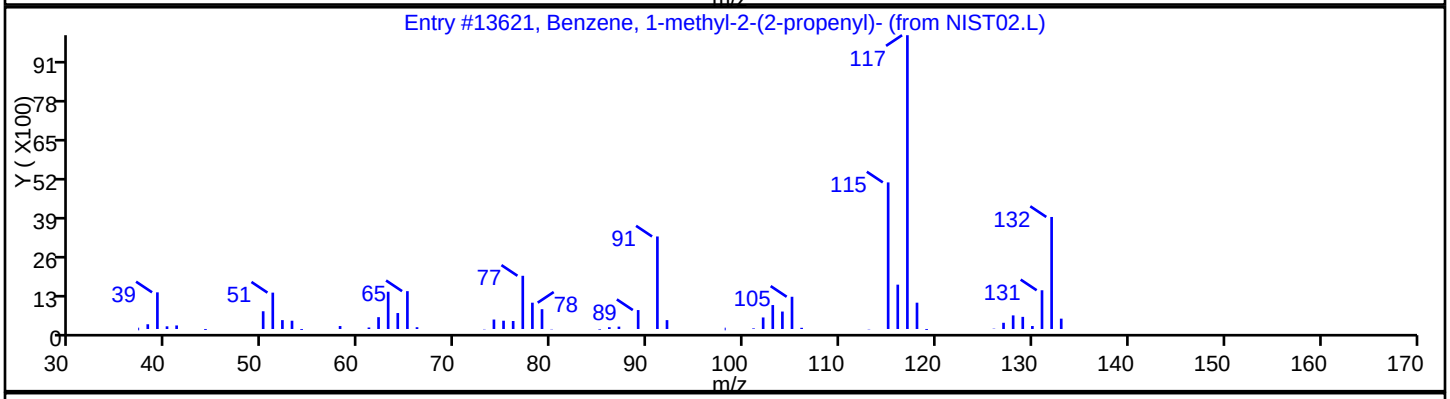
TestAmerica Edison

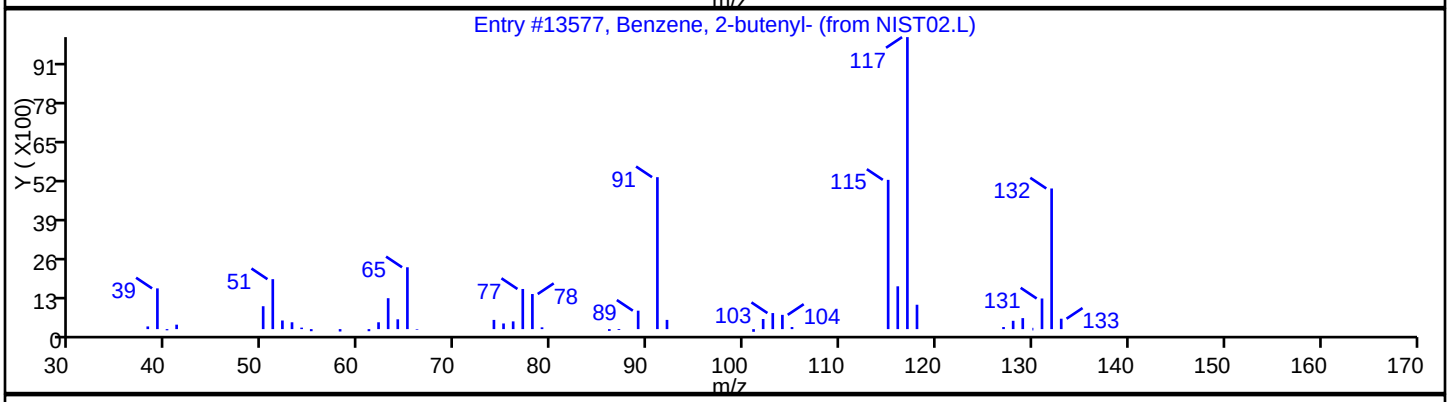
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60691.D

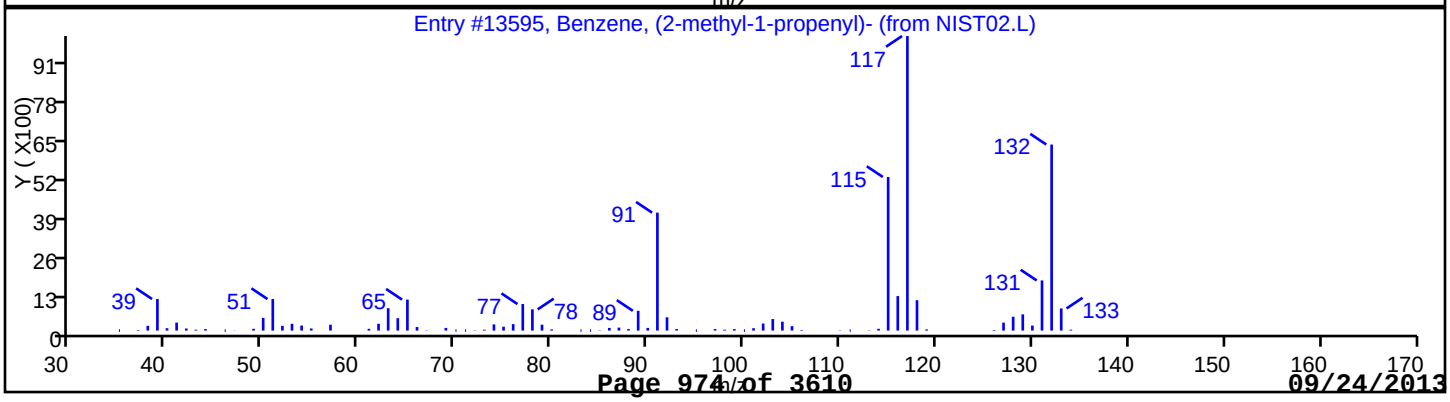
Injection Date:	19-Sep-2013 21:07:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.L	13621	86
Benzene, 2-butenyl-	1560-06-1	NIST02.L	13577	84
Benzene, (2-methyl-1-propenyl)-	768-49-0	NIST02.L	13595	80









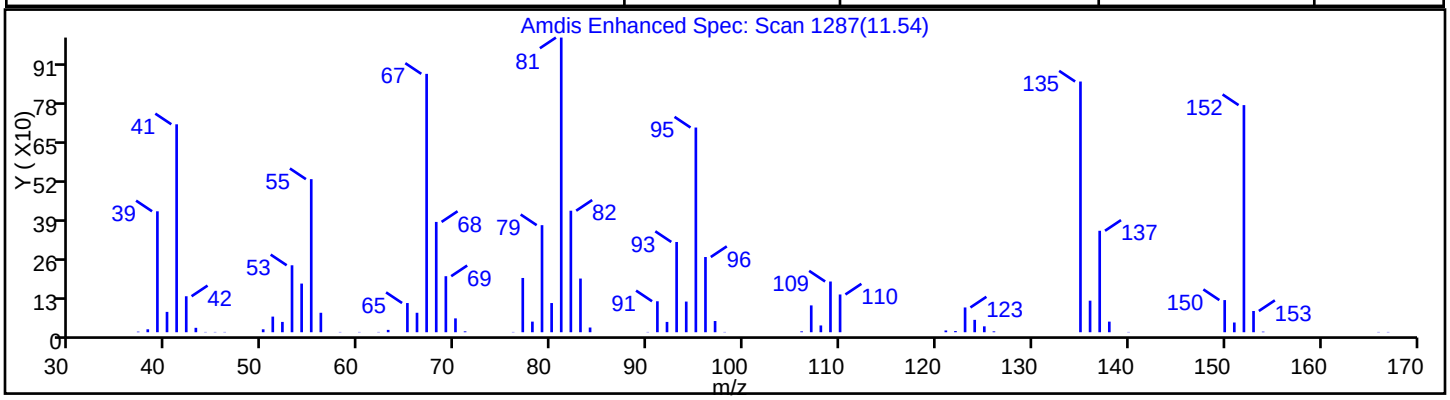
Report Date: 20-Sep-2013 17:41:00 Chrom Revision: 2.1 25-Jul-2013 20:19:50

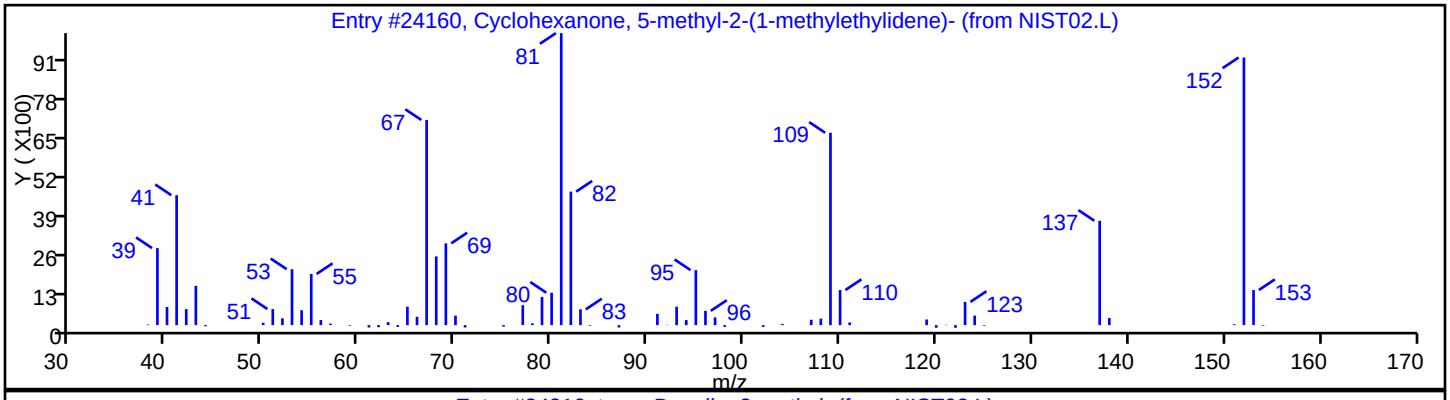
TestAmerica Edison

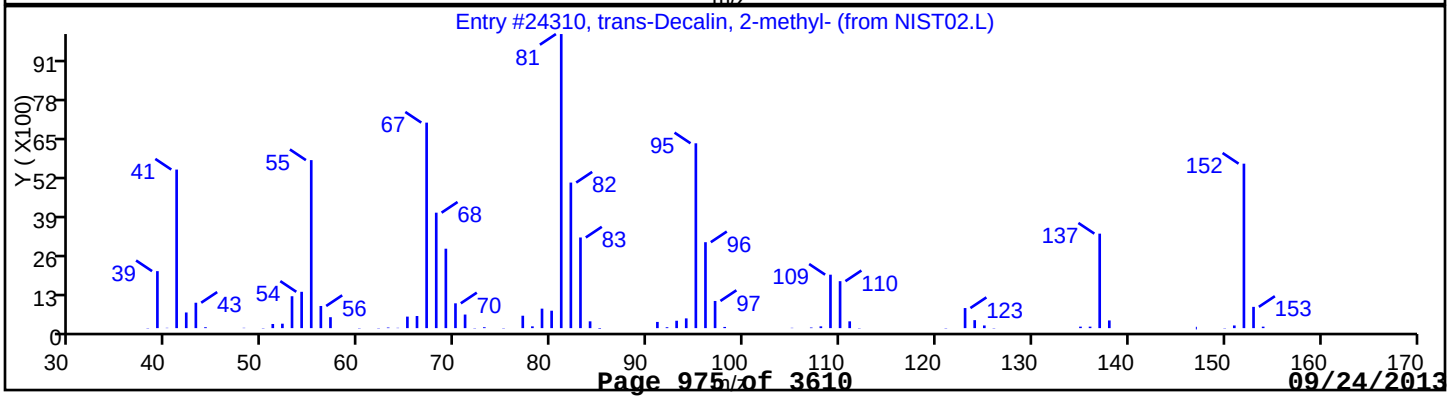
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60691.D

Injection Date:	19-Sep-2013 21:07:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown		NIST02.L	0	0
Cyclohexanone, 5-methyl-2-(1-methylethyl	15932-80-6	NIST02.L	24160	83
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	76







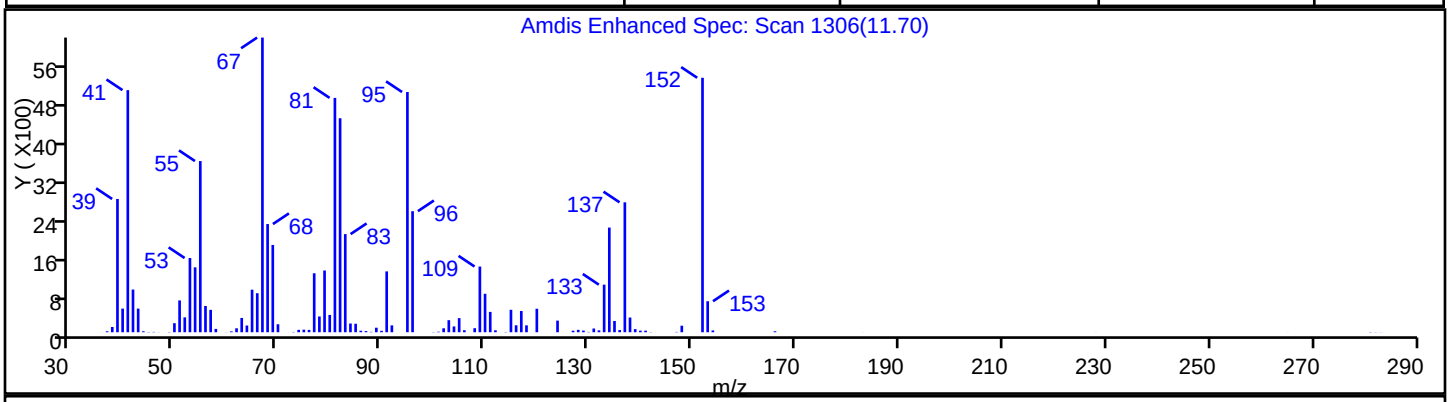
Report Date: 20-Sep-2013 17:41:00 Chrom Revision: 2.1 25-Jul-2013 20:19:50

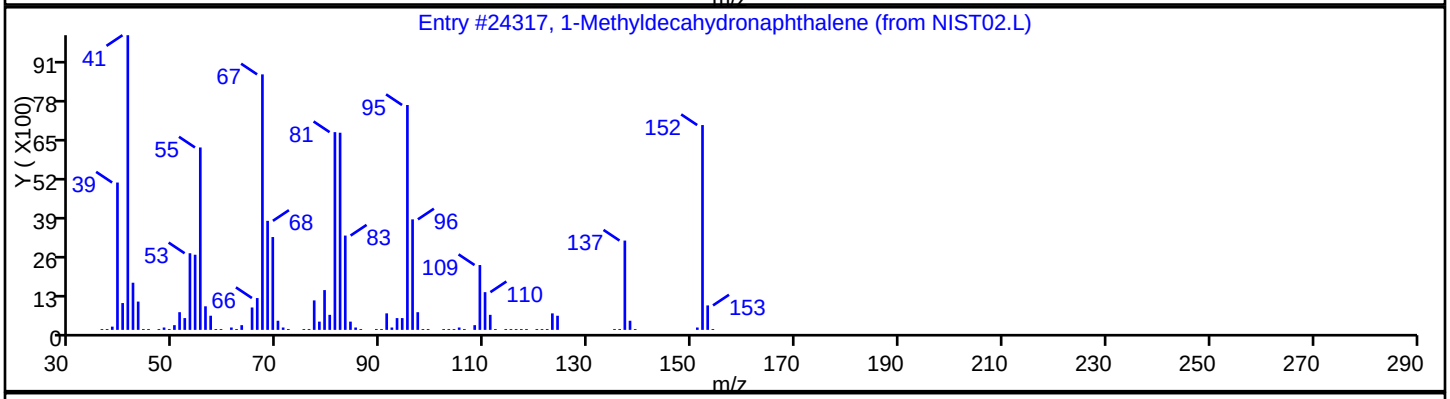
TestAmerica Edison

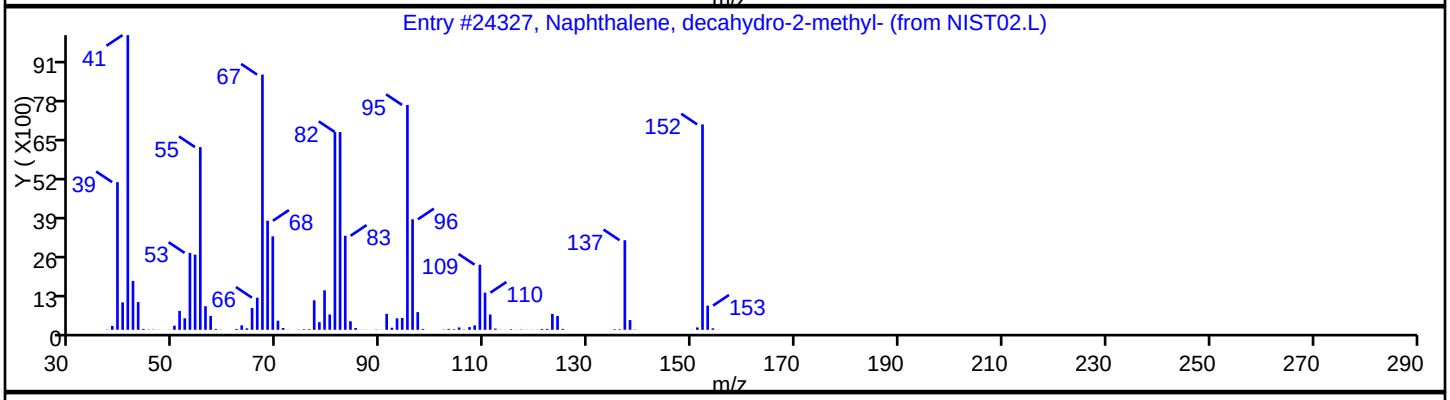
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60691.D

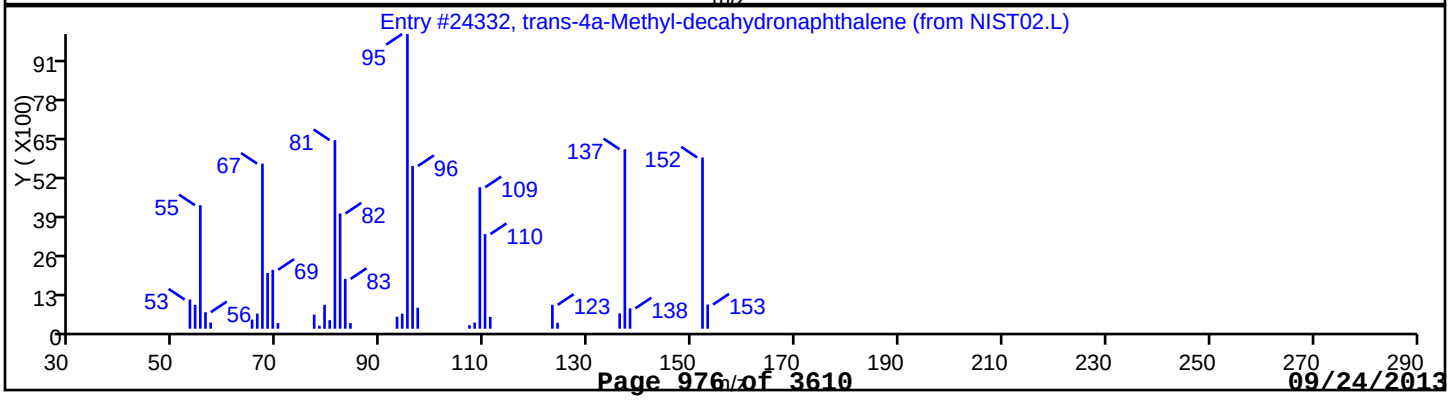
Injection Date:	19-Sep-2013 21:07:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	98
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24327	98
trans-4a-Methyl-decahydronaphthalene	2547-27-5	NIST02.L	24332	81









Report Date: 20-Sep-2013 17:41:00 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60691.D

Injection Date: 19-Sep-2013 21:07:30 Limit Group: VOA - 8260B Water and Solid

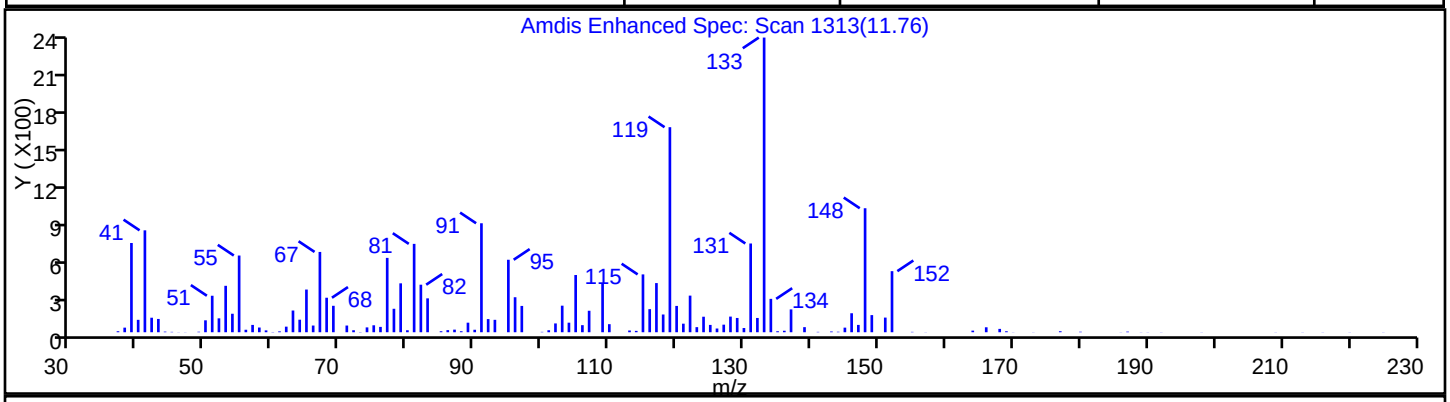
Client ID: PMP-7SE-VD Instrument ID: CVOAMS2

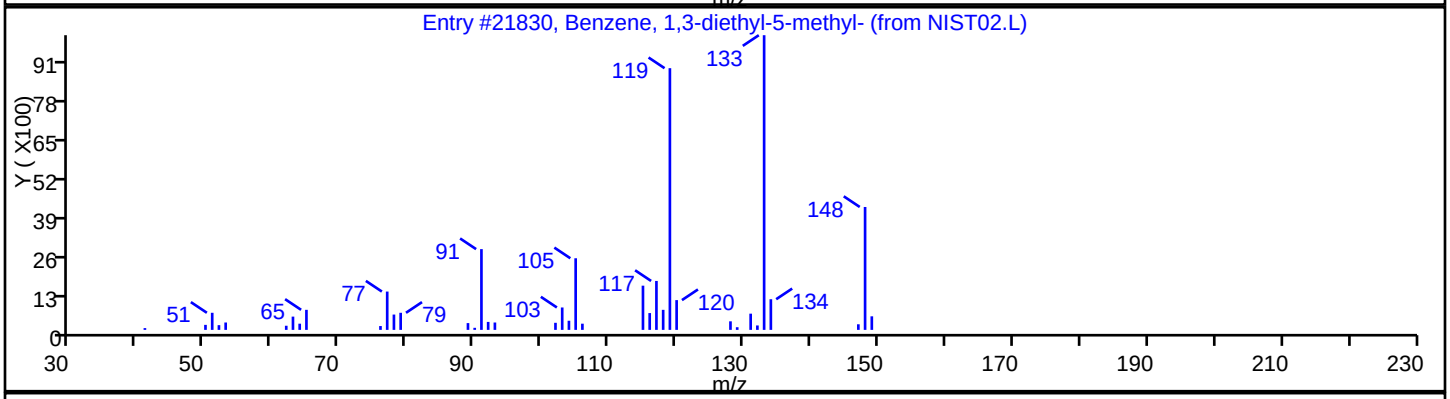
Lims Batch ID: 182095 Lims Sample ID: 25

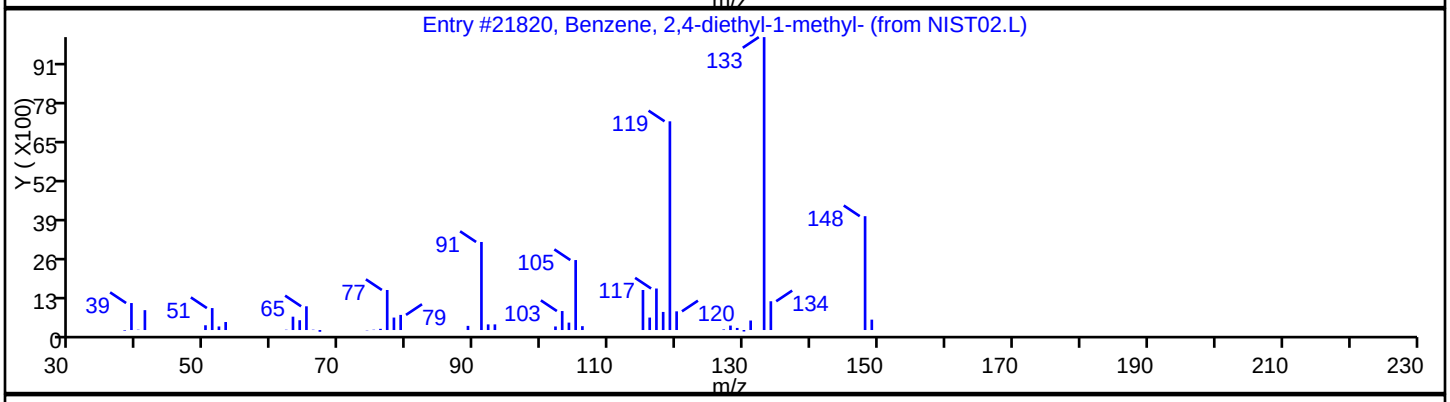
Operator ID: Purge Vol: 5.000 mL

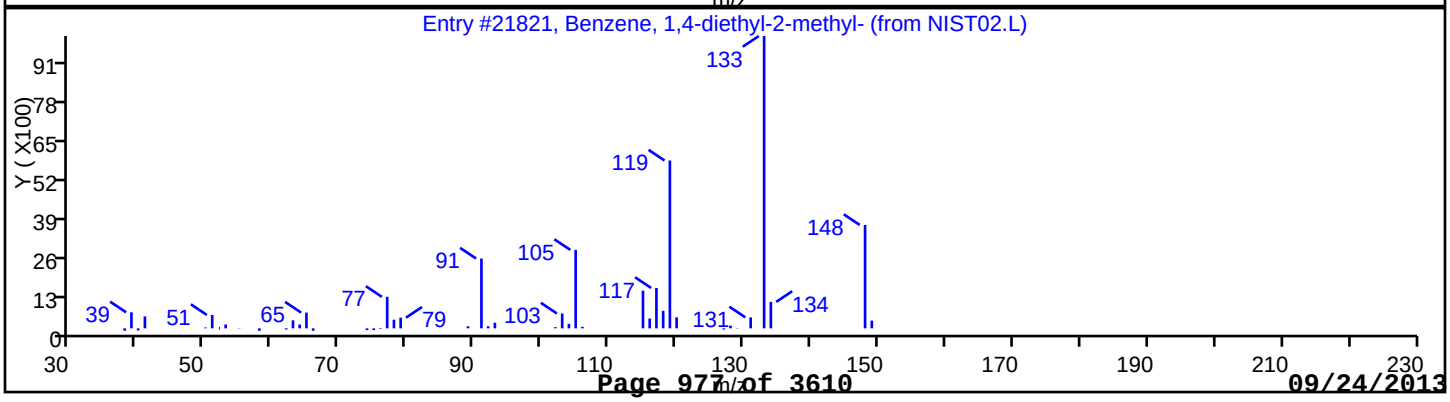
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.L	21830	95
Benzene, 2,4-diethyl-1-methyl-	1758-85-6	NIST02.L	21820	95
Benzene, 1,4-diethyl-2-methyl-	13632-94-5	NIST02.L	21821	76









Report Date: 20-Sep-2013 17:41:00 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60691.D

Injection Date: 19-Sep-2013 21:07:30 Limit Group: VOA - 8260B Water and Solid

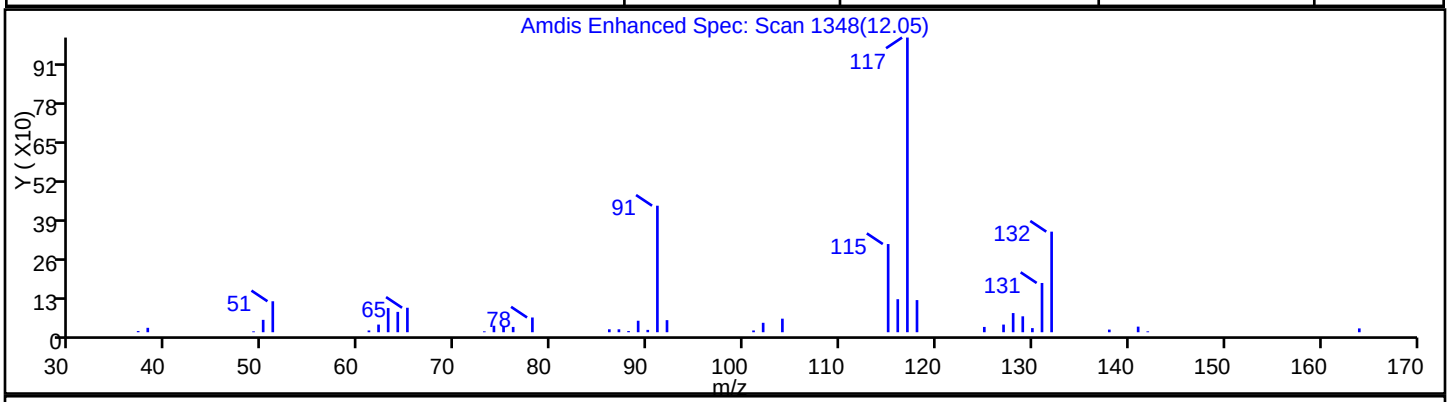
Client ID: PMP-7SE-VD Instrument ID: CVOAMS2

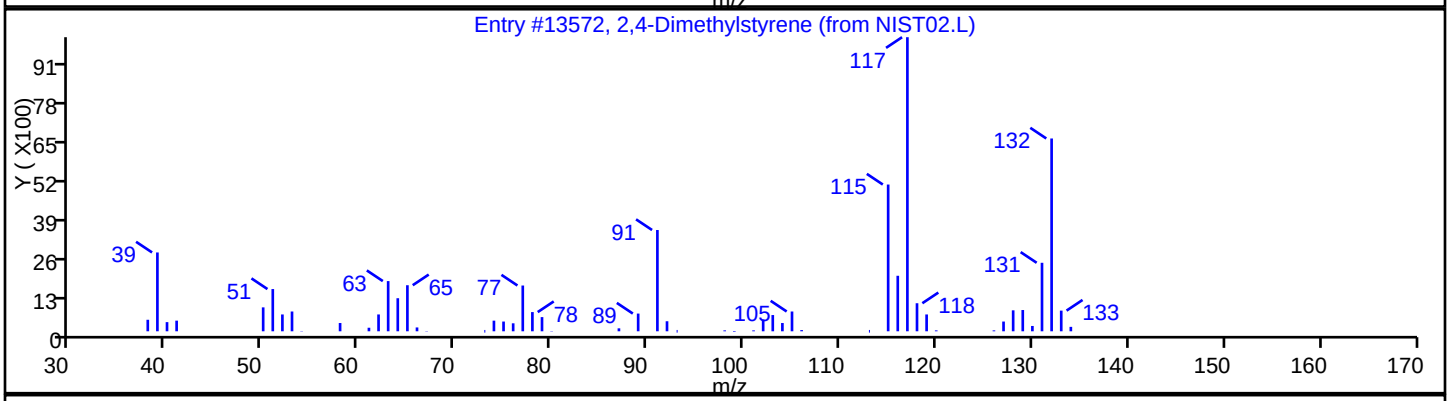
Lims Batch ID: 182095 Lims Sample ID: 25

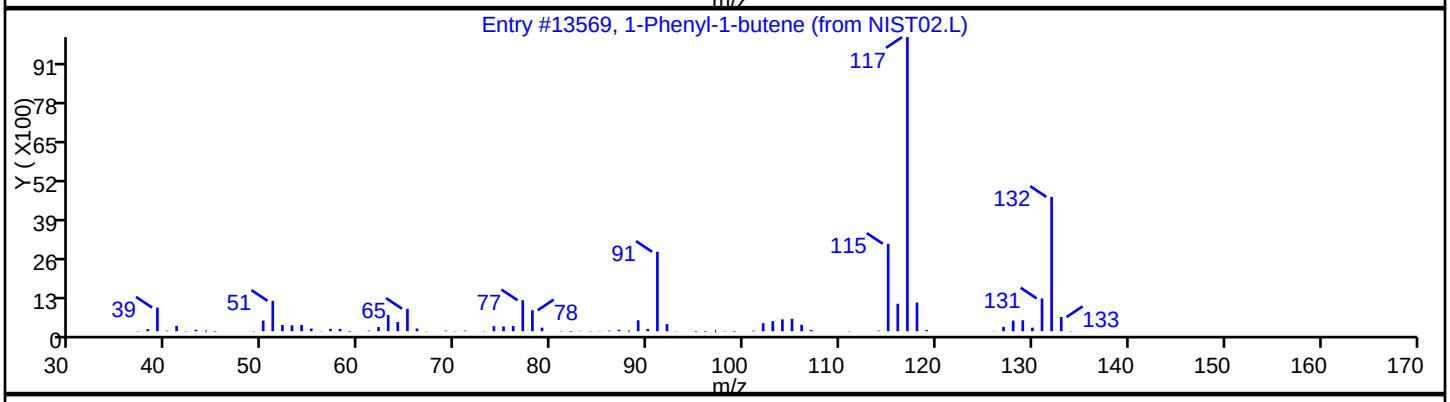
Operator ID: Purge Vol: 5.000 mL

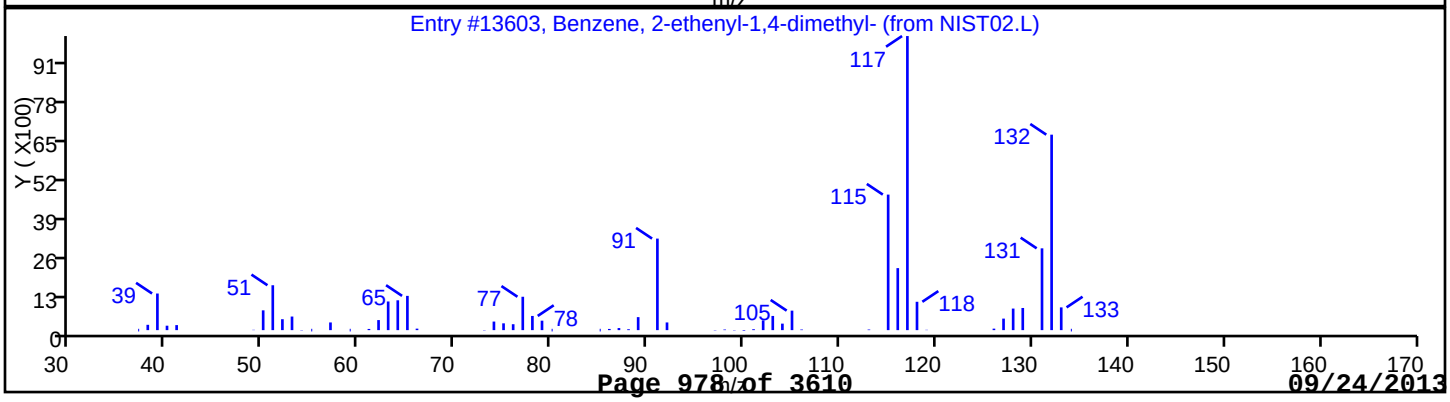
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
2,4-Dimethylstyrene	2234-20-0	NIST02.L	13572	92
1-Phenyl-1-butene	824-90-8	NIST02.L	13569	91
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.L	13603	91





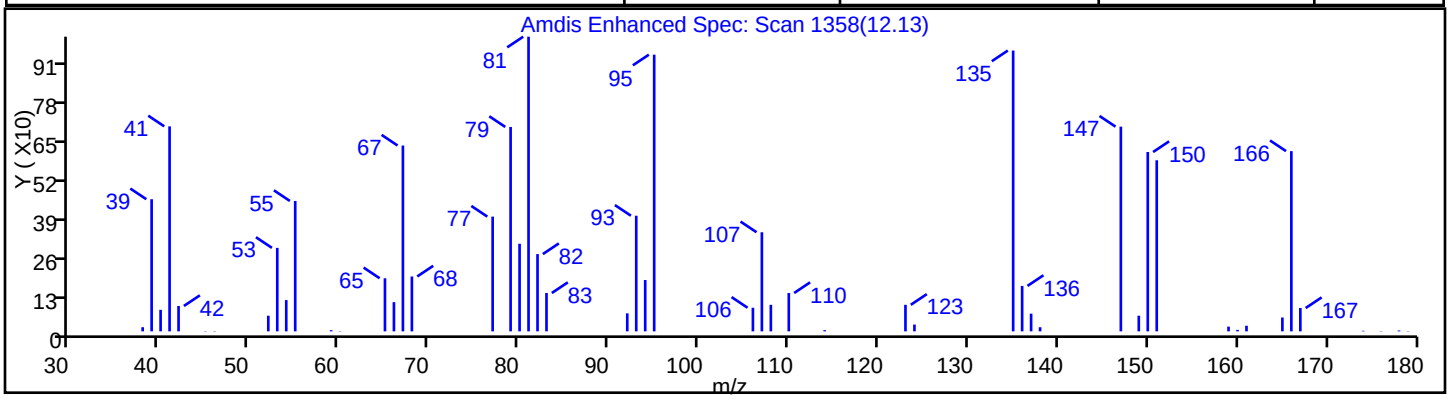


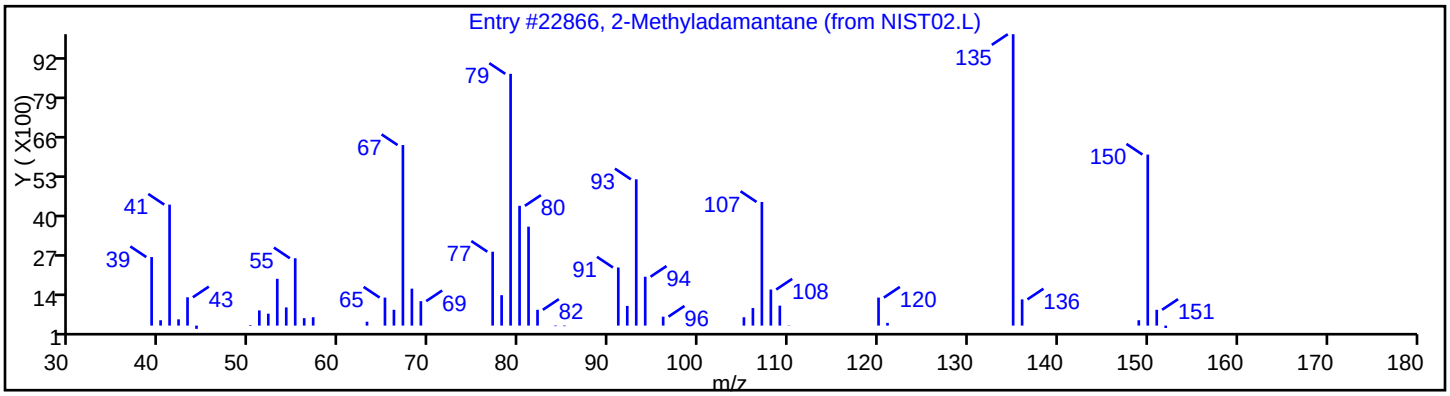


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60691.D
Injection Date: 19-Sep-2013 21:07:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-7SE-VD Instrument ID: CVOAMS2
Lims Batch ID: 182095 Lims Sample ID: 25
Operator ID: Purge Vol: 5.000 mL
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown		NIST02.L	0	0
2-Methyladamantane	700-56-1	NIST02.L	22866	81





Report Date: 20-Sep-2013 17:41:00 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60691.D

Injection Date: 19-Sep-2013 21:07:30 Limit Group: VOA - 8260B Water and Solid

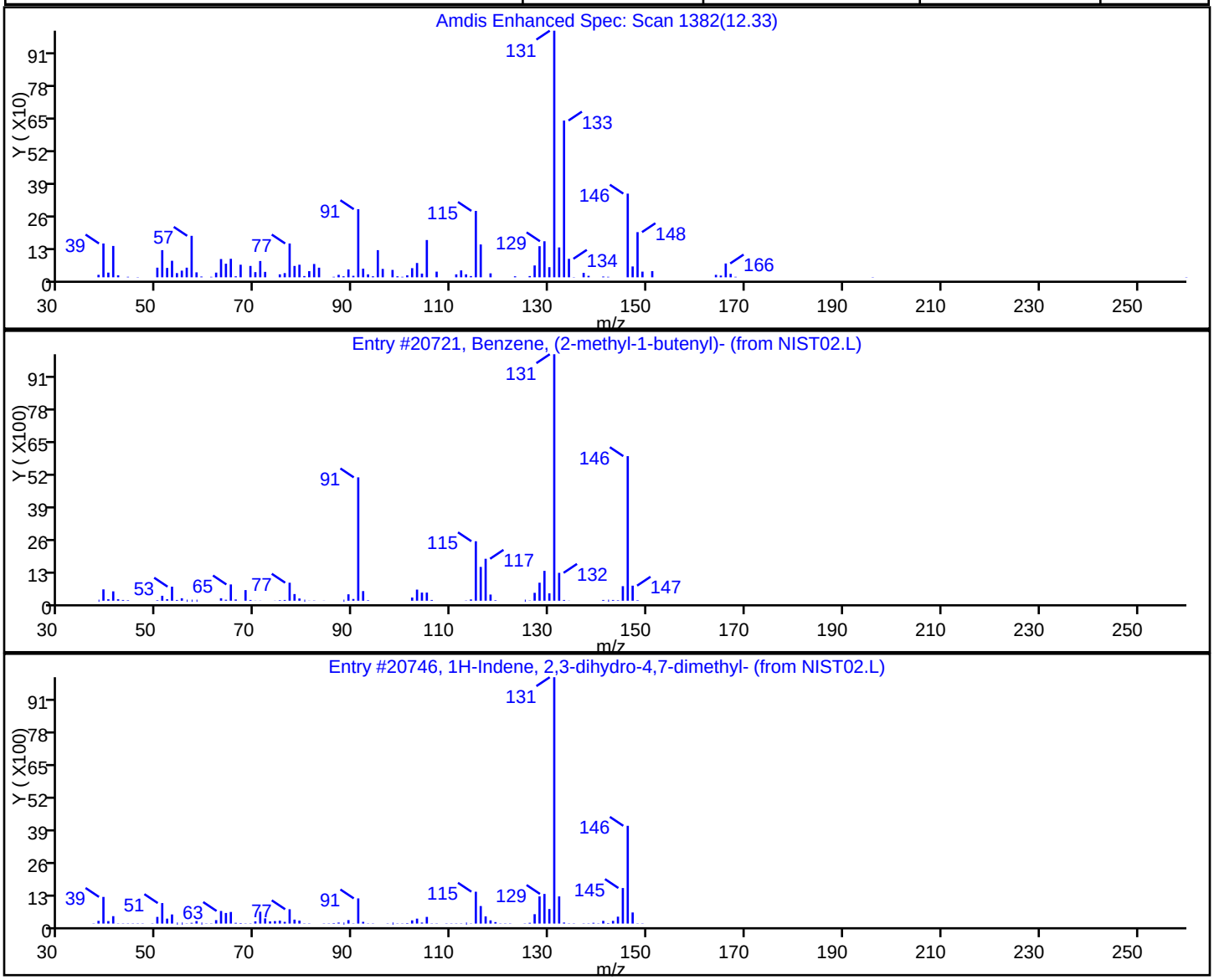
Client ID: PMP-7SE-VD Instrument ID: CVOAMS2

Lims Batch ID: 182095 Lims Sample ID: 25

Operator ID: Purge Vol: 5.000 mL

Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.L	20721	93
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20746	70



Report Date: 20-Sep-2013 17:41:00 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60691.D

Injection Date: 19-Sep-2013 21:07:30 Limit Group: VOA - 8260B Water and Solid

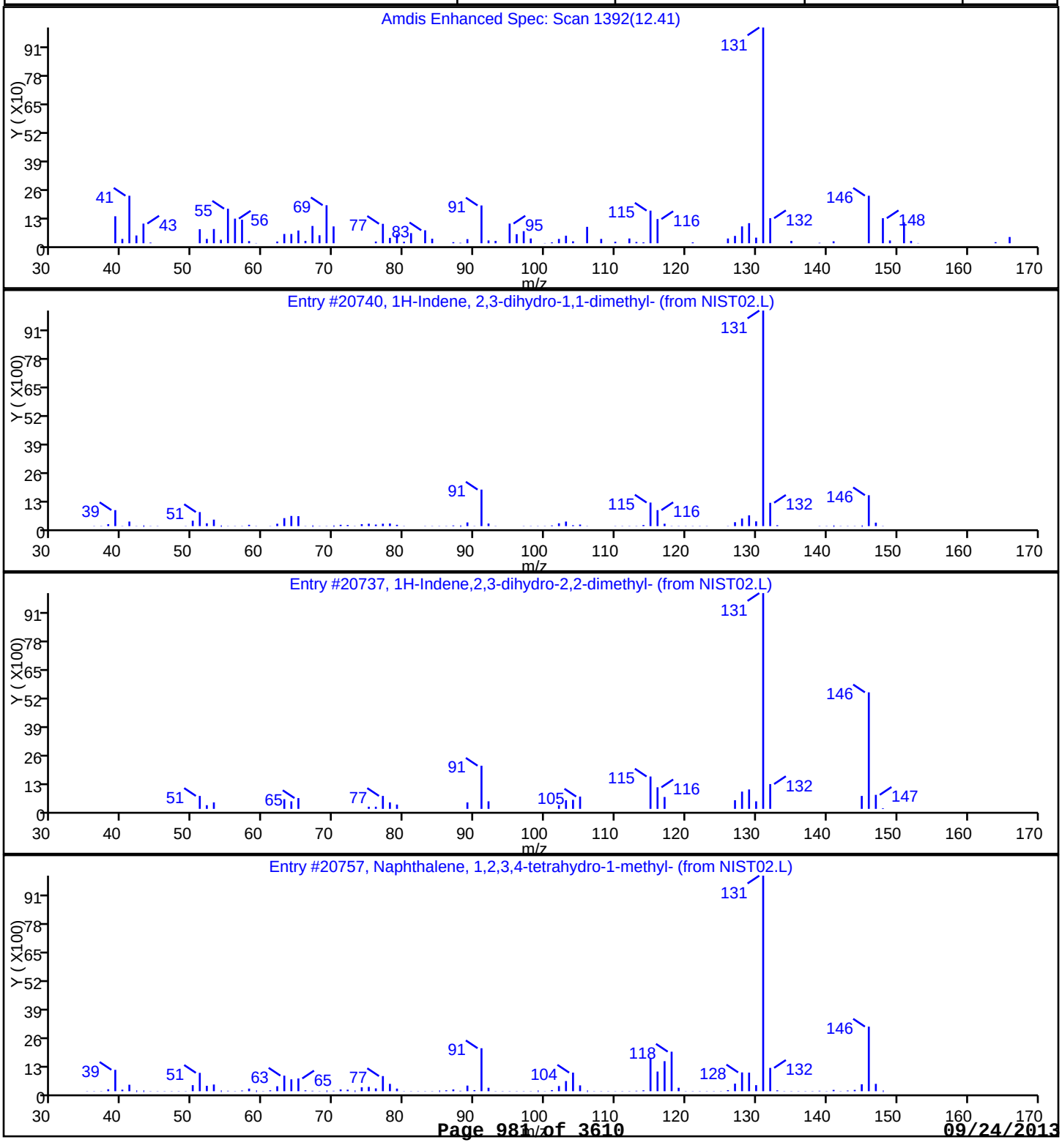
Client ID: PMP-7SE-VD Instrument ID: CVOAMS2

Lims Batch ID: 182095 Lims Sample ID: 25

Operator ID: Purge Vol: 5.000 mL

Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene, 2,3-dihydro-1,1-dimethyl-	4912-92-9	NIST02.L	20740	81
1H-Indene,2,3-dihydro-2,2-dimethyl-	20836-11-7	NIST02.L	20737	81
Naphthalene, 1,2,3,4-tetrahydro-1-methyl	1559-81-5	NIST02.L	20757	81



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-WT Lab Sample ID: 460-62993-20

Matrix: Solid Lab File ID: B60690.D

Analysis Method: 8260B Date Collected: 09/13/2013 10:15

Sample wt/vol: 4.898(g) Date Analyzed: 09/19/2013 20:45

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.1 Level: (low/med) Medium

Analysis Batch No.: 182095 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	11	U	110	11
74-83-9	Bromomethane	21	U	110	21
75-01-4	Vinyl chloride	16	U	110	16
75-00-3	Chloroethane	19	U	110	19
75-09-2	Methylene Chloride	21	U	110	21
67-64-1	Acetone	300	U	570	300
75-15-0	Carbon disulfide	14	U	110	14
75-69-4	Trichlorofluoromethane	17	U	110	17
75-35-4	1,1-Dichloroethene	10	U	110	10
75-34-3	1,1-Dichloroethane	15	U	110	15
156-60-5	trans-1,2-Dichloroethene	15	U	110	15
156-59-2	cis-1,2-Dichloroethene	20	U	110	20
67-66-3	Chloroform	8.9	U	110	8.9
78-93-3	2-Butanone	260	U	570	260
107-06-2	1,2-Dichloroethane	21	U	110	21
71-55-6	1,1,1-Trichloroethane	7.1	U	110	7.1
56-23-5	Carbon tetrachloride	6.5	U	110	6.5
71-43-2	Benzene	9.4	U	110	9.4
75-25-2	Bromoform	22	U	110	22
100-42-5	Styrene	13	U	110	13
100-41-4	Ethylbenzene	11	U	110	11
108-90-7	Chlorobenzene	13	U	110	13
110-82-7	Cyclohexane	18	U	110	18
98-82-8	Isopropylbenzene	8.7	U	110	8.7
591-78-6	2-Hexanone	57	U	570	57
1634-04-4	MTBE	16	U	110	16
76-13-1	Freon TF	9.3	U	110	9.3
79-20-9	Methyl acetate	38	U	570	38
123-91-1	1,4-Dioxane	4100	U	5700	4100
79-01-6	Trichloroethene	10	U	110	10
108-88-3	Toluene	17	U	110	17
10061-02-6	trans-1,3-Dichloropropene	28	U	110	28
108-10-1	4-Methyl-2-pentanone	110	U	570	110
10061-01-5	cis-1,3-Dichloropropene	21	U	110	21
95-50-1	1,2-Dichlorobenzene	23	U	110	23
541-73-1	1,3-Dichlorobenzene	15	U	110	15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-WT | Lab Sample ID: 460-62993-20

Matrix: Solid | Lab File ID: B60690.D

Analysis Method: 8260B | Date Collected: 09/13/2013 10:15

Sample wt/vol: 4.898(g) | Date Analyzed: 09/19/2013 20:45

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.1 | Level: (low/med) Medium

Analysis Batch No.: 182095 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	26	U	110	26
120-82-1	1,2,4-Trichlorobenzene	1500		110	39
87-61-6	1,2,3-Trichlorobenzene	450		110	58
78-87-5	1,2-Dichloropropane	9.8	U	110	9.8
108-87-2	Methylcyclohexane	15	U *	110	15
127-18-4	Tetrachloroethene	11	U	110	11
1330-20-7	Xylenes, Total	41	U	340	41
96-12-8	1,2-Dibromo-3-Chloropropane	45	U *	110	45
79-34-5	1,1,2,2-Tetrachloroethane	18	U	110	18
79-00-5	1,1,2-Trichloroethane	21	U	110	21
124-48-1	Dibromochloromethane	23	U	110	23
106-93-4	1,2-Dibromoethane	31	U	110	31
75-71-8	Dichlorodifluoromethane	24	U	110	24
74-97-5	Bromochloromethane	31	U	110	31
75-27-4	Bromodichloromethane	14	U	110	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		75-135
2037-26-5	Toluene-d8 (Surr)	83		59-150
460-00-4	Bromofluorobenzene	89		72-133
1868-53-7	Dibromofluoromethane (Surr)	89		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-WT | Lab Sample ID: 460-62993-20

Matrix: Solid | Lab File ID: B60690.D

Analysis Method: 8260B | Date Collected: 09/13/2013 10:15

Sample wt/vol: 4.898(g) | Date Analyzed: 09/19/2013 20:45

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.1 | Level: (low/med) Medium

Analysis Batch No.: 182095 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 41800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
493-02-7	Naphthalene, decahydro-, trans-	11.04	4000	J N
535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-	11.46	3300	J N
1000152-47-3	trans-Decalin, 2-methyl-	11.55	3200	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.77	3400	J N
	Unknown Aromatic	12.03	5700	J
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	12.13	5800	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	12.40	5900	J N
1127-76-0	Naphthalene, 1-ethyl-	14.70	3500	J N
581-42-0	Naphthalene, 2,6-dimethyl-	14.91	3600	J N
581-40-8	Naphthalene, 2,3-dimethyl-	15.13	3400	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60690.D		
Lims ID:	460-62993-C-20-A	Client ID:	PMP-7SE-WT
Inject. Date:	19-Sep-2013 20:45:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62993-C-20-A		
Misc. Info.:	460-0004800-024		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	23
Lims Batch ID:	182095	Lims Sample ID:	24
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\8260W_2.m		
Last Update:	20-Sep-2013 17:39:55	Calib Date:	18-Sep-2013 04:57:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4744.b\B60605.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK024		
First Level Reviewer: baronm		Date:	20-Sep-2013 17:39:55

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	2.813	2.797	0.016	64	297868	1000.0	
$ 57 Dibromofluoromethane (Surr)	113	4.484	4.484	0.0	97	182253	44.5	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.887	0.0	90	279009	45.9	
* 58 Fluorobenzene	96	5.208	5.208	0.0	96	655363	50.0	
* 65 1,4-Dioxane-d8	96	6.072	6.064	0.008	91	35720	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.208	7.200	0.008	97	564590	41.6	
* 87 Chlorobenzene-d5	117	8.763	8.763	0.0	89	543334	50.0	
$ 97 4-Bromofluorobenzene	174	9.858	9.858	0.0	90	238996	44.7	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	96	321875	50.0	
127 1,2,4-Trichlorobenzene	180	12.368	12.368	0.0	82	61483	12.9	
131 1,2,3-Trichlorobenzene	180	12.788	12.788	0.0	36	13468	3.95	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60690.D		
Lims ID:	460-62993-C-20-A	Client ID:	PMP-7SE-WT
Inject. Date:	19-Sep-2013 20:45:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62993-C-20-A		
Misc. Info.:	460-0004800-024		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	23
Lims Batch ID:	182095	Lims Sample ID:	24
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\8260W_2.m		
Last Update:	20-Sep-2013 17:39:55	Calib Date:	18-Sep-2013 04:57:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	80		
Process Host:	XAWRK024		
First Level Reviewer: baronm		Date:	20-Sep-2013 17:39:55

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	493-02-7 Naphthalene, decahydro-, trans-					
11.043	1491983	35.6	115	96	16320	
	535-77-3 Benzene, 1-methyl-3-(1-methylethyl)-					
11.455	1222768	29.2	115	80	14397	
	1000152-47-3 trans-Decalin, 2-methyl-					
11.545	1190083	28.4	115	94	24310	
	1595-16-0 Benzene, 1-methyl-4-(1-methylpropyl)-					
11.767	1250326	29.8	115	81	21844	
	Unknown Aromatic					
12.031	2093138	49.9	115	0	0	
	1595-16-0 Benzene, 1-methyl-4-(1-methylpropyl)-					
12.129	2137249	51.0	115	80	21844	I
	56253-64-6 Benzene, (2-methyl-1-butenyl)-					
12.401	2172736	51.8	115	91	20721	
	1127-76-0 Naphthalene, 1-ethyl-					
14.697	1310044	31.3	115	96	27158	
	581-42-0 Naphthalene, 2,6-dimethyl-					
14.911	1329900	31.7	115	98	27167	
	581-40-8 Naphthalene, 2,3-dimethyl-					
15.133	1264020	30.2	115	98	27164	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 115 1,4-Dichlorobenzene-d4	10.813	2095306	50.0

QC Flag Legend

Processing Flags

Review Flags
I - User Selected Library Match

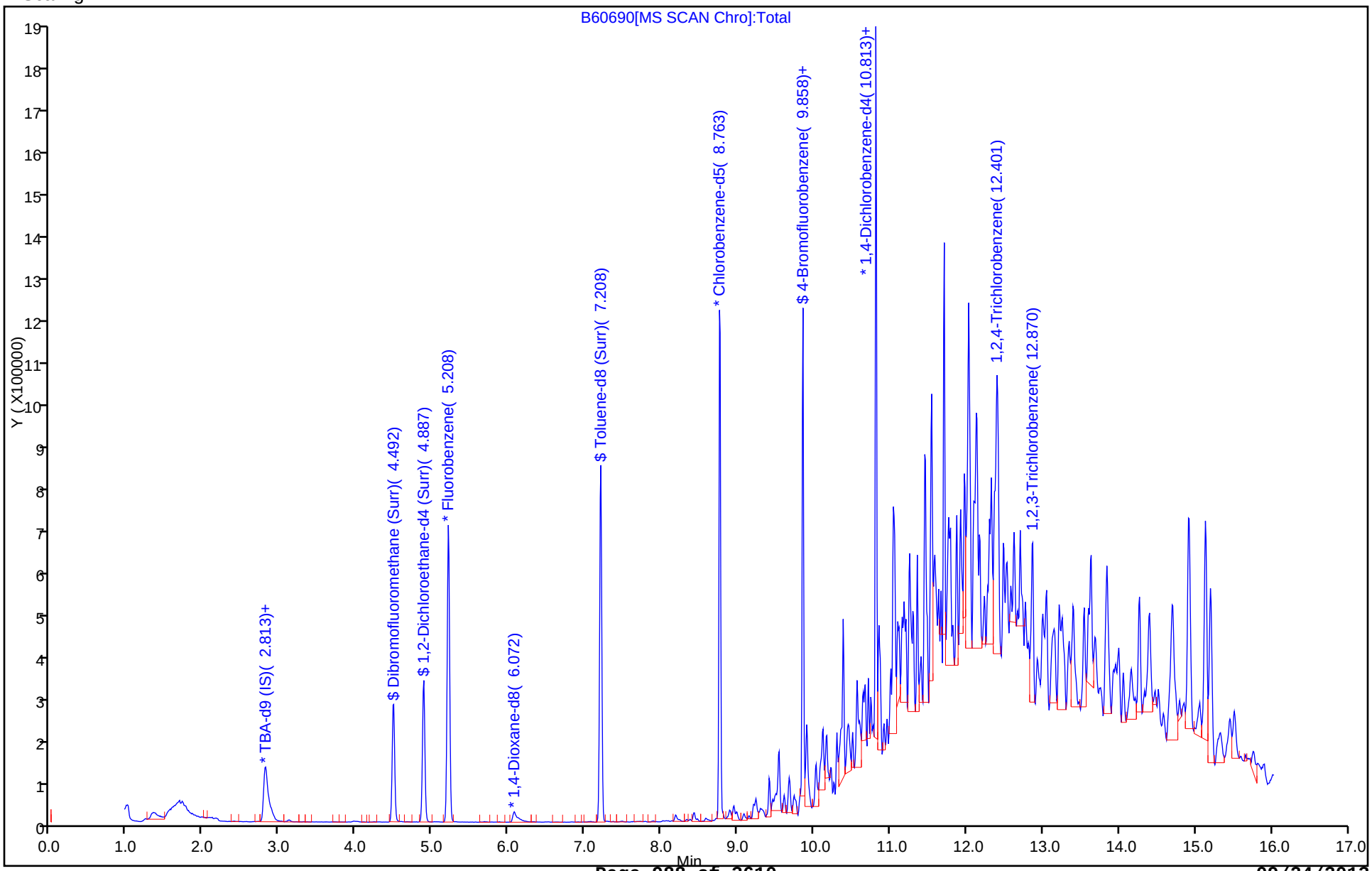
Report Date: 20-Sep-2013 17:39:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60690.D

Injection Date:	19-Sep-2013 20:45:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



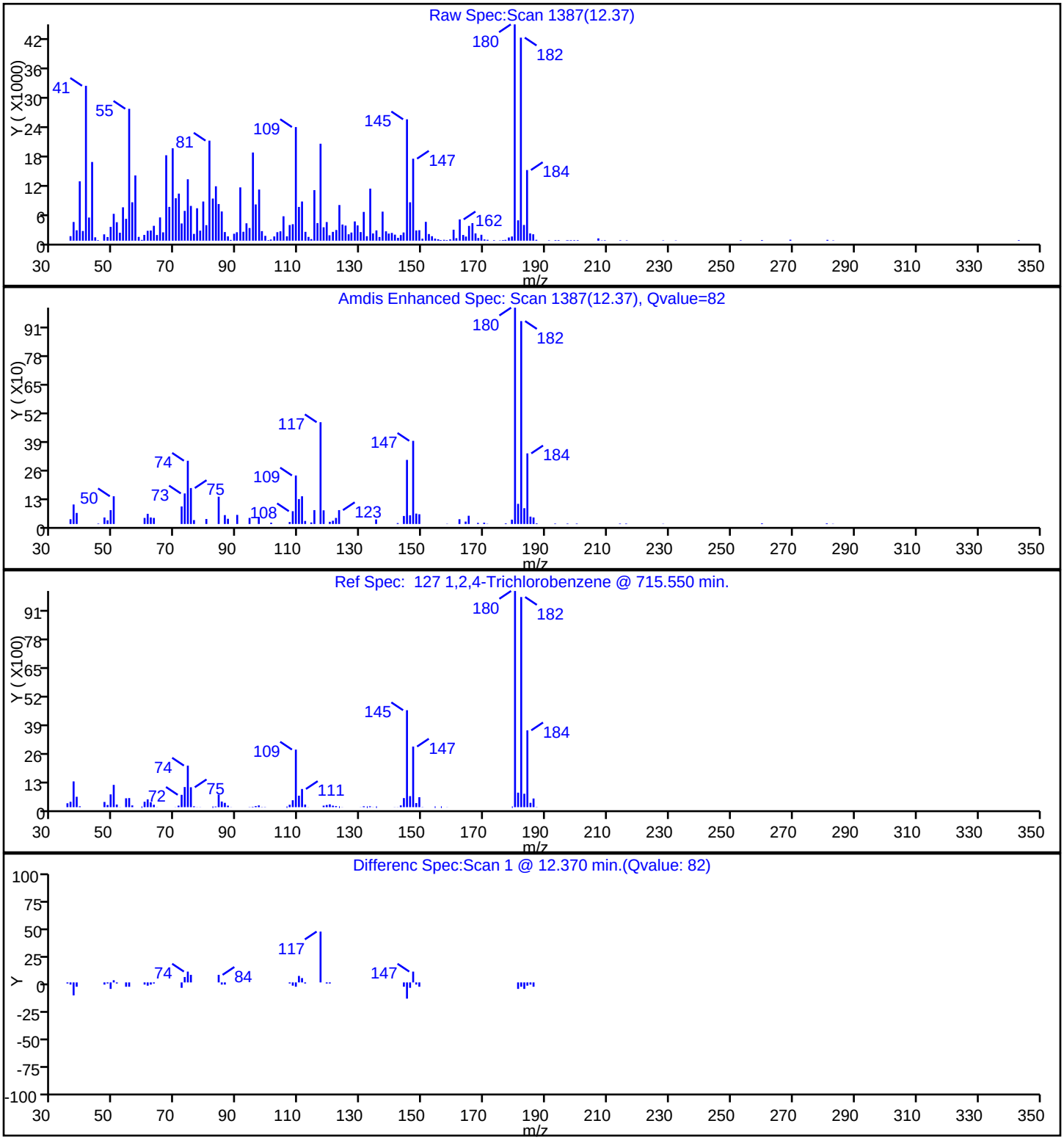
Report Date: 20-Sep-2013 17:39:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60690.D

Injection Date:	19-Sep-2013 20:45:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

127 1,2,4-Trichlorobenzene



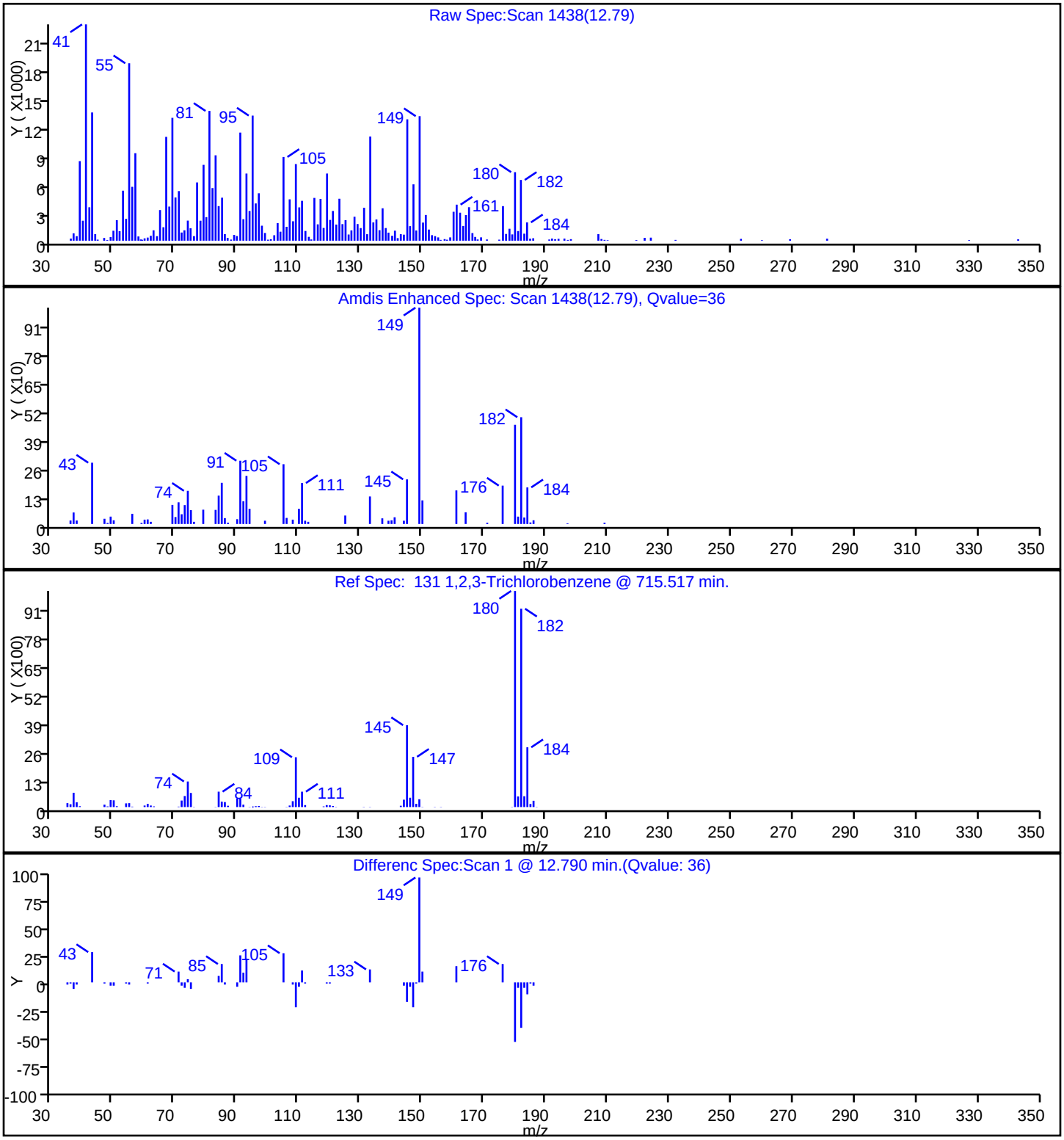
Report Date: 20-Sep-2013 17:39:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60690.D

Injection Date:	19-Sep-2013 20:45:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

131 1,2,3-Trichlorobenzene



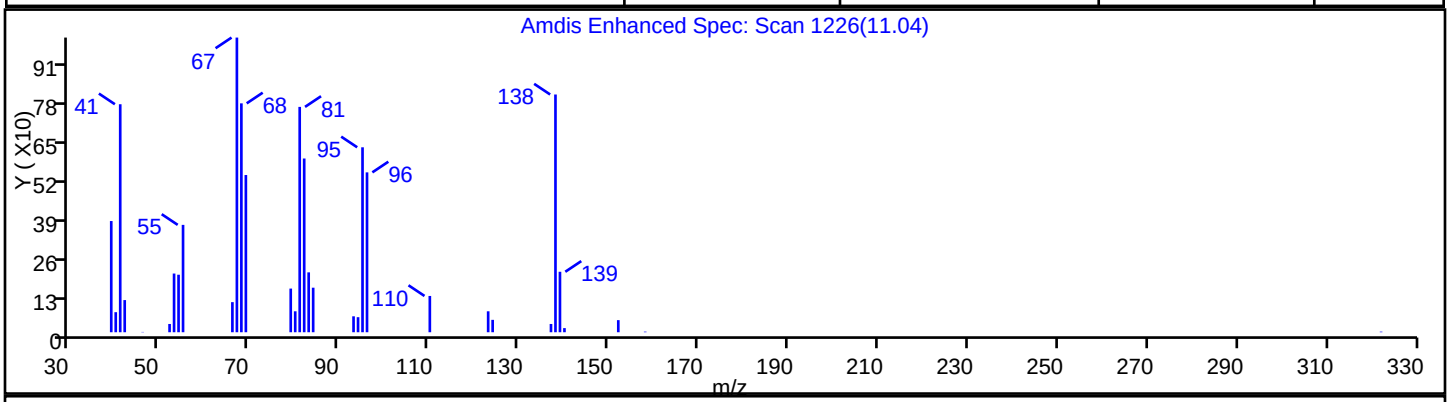
Report Date: 20-Sep-2013 17:39:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

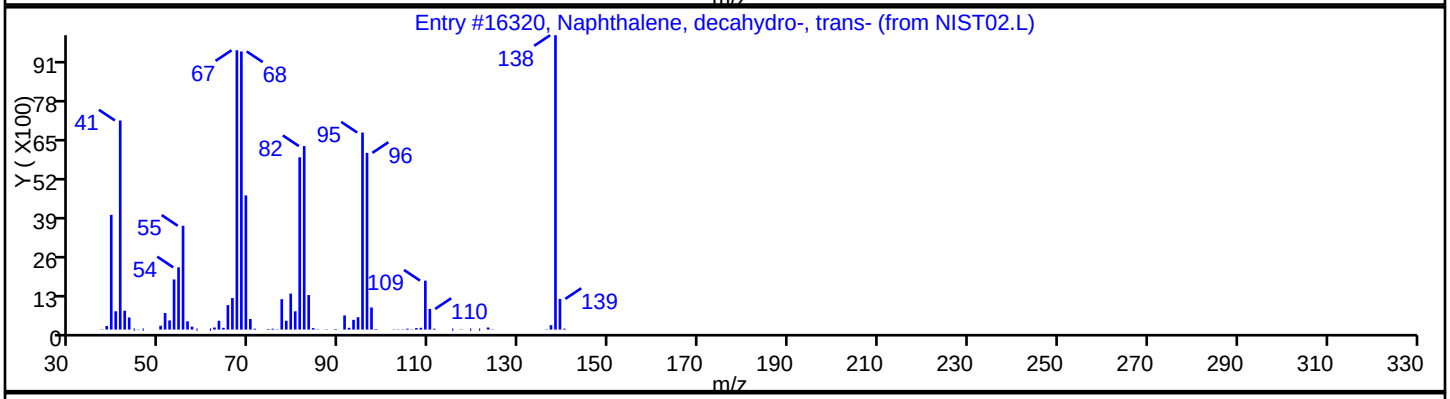
TestAmerica Edison

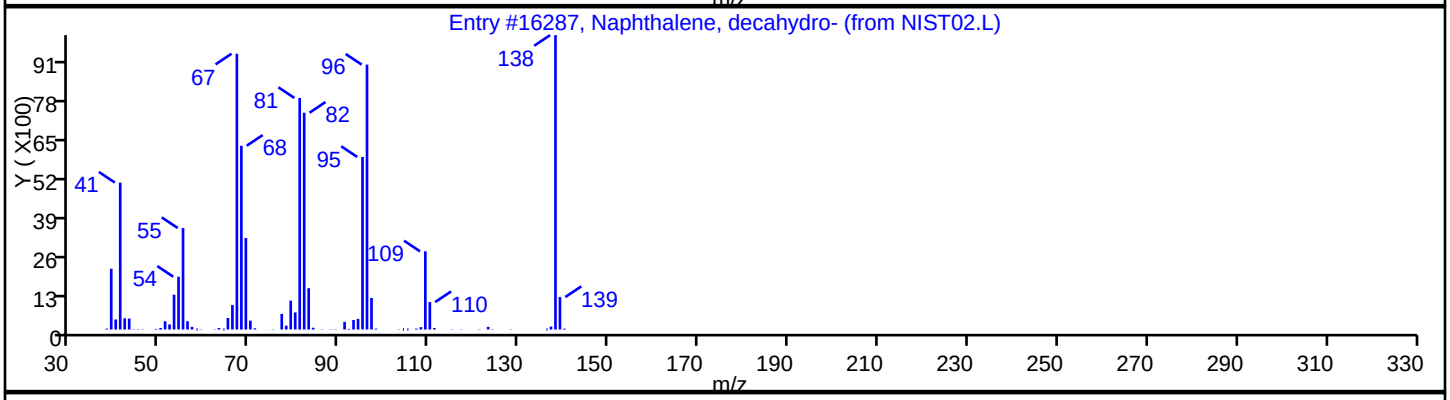
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60690.D

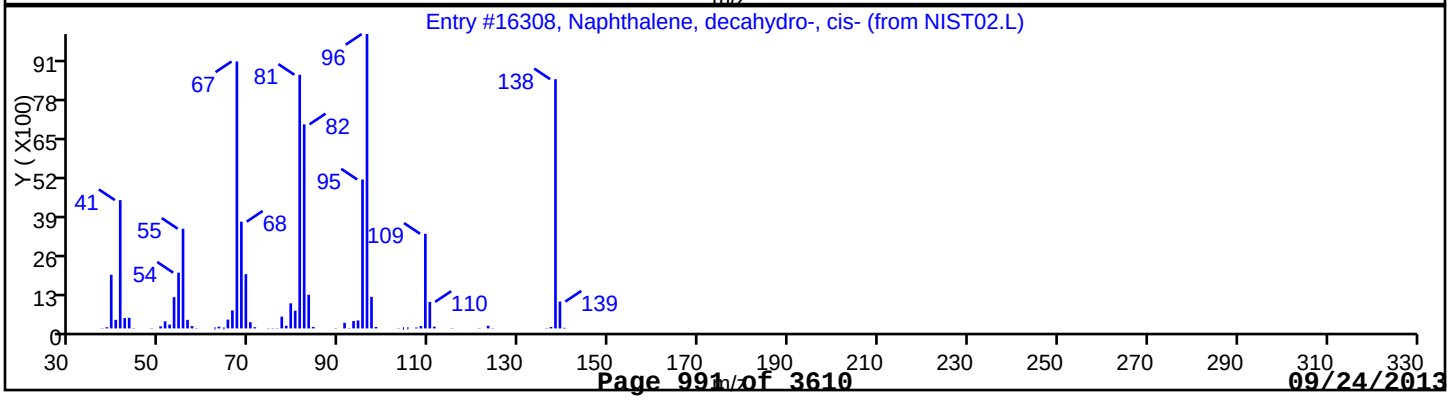
Injection Date:	19-Sep-2013 20:45:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-, trans-	493-02-7	NIST02.L	16320	96
Naphthalene, decahydro-	91-17-8	NIST02.L	16287	86
Naphthalene, decahydro-, cis-	493-01-6	NIST02.L	16308	70









Report Date: 20-Sep-2013 17:39:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60690.D

Injection Date: 19-Sep-2013 20:45:30 Limit Group: VOA - 8260B Water and Solid

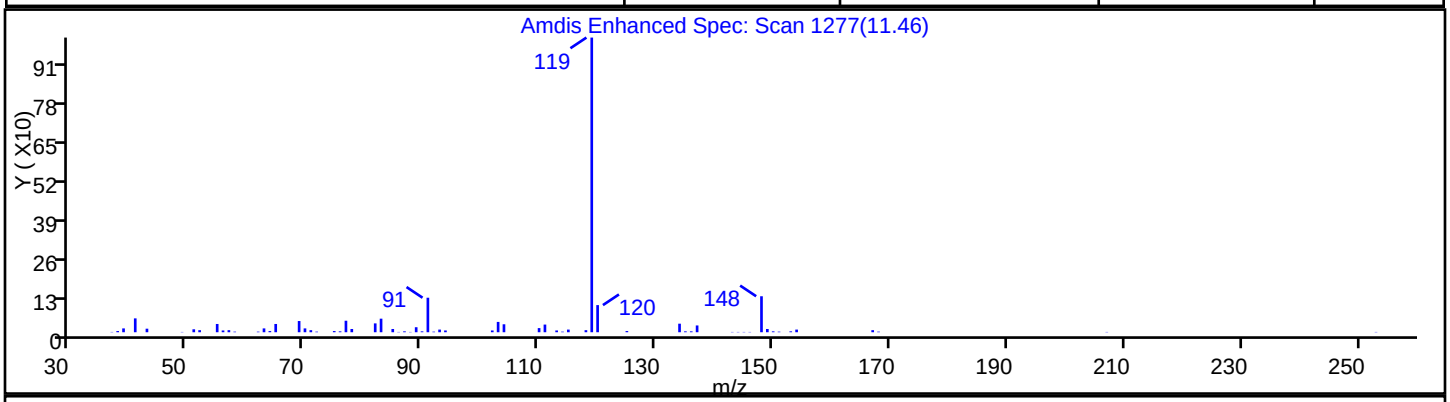
Client ID: PMP-7SE-WT Instrument ID: CVOAMS2

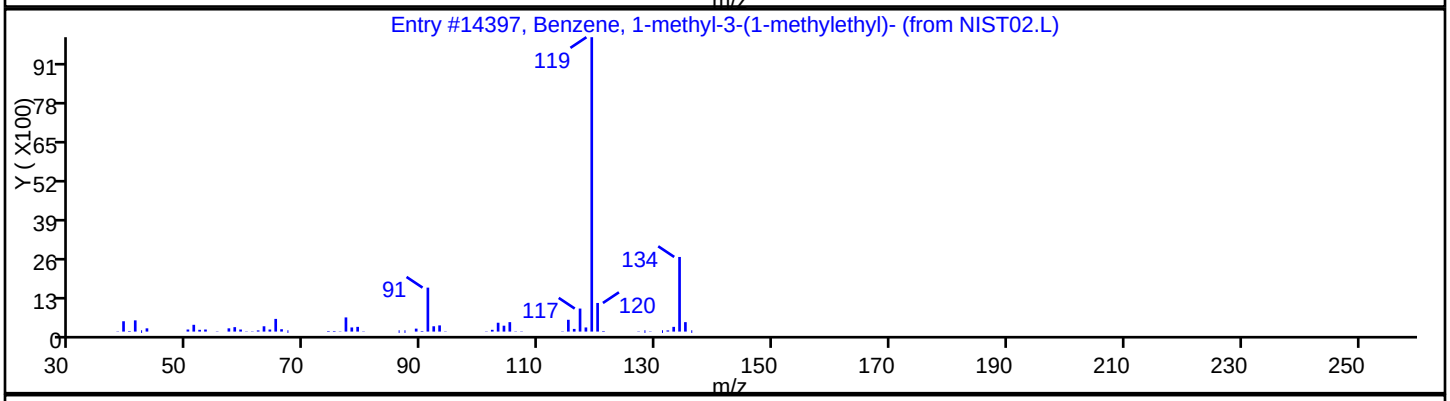
Lims Batch ID: 182095 Lims Sample ID: 24

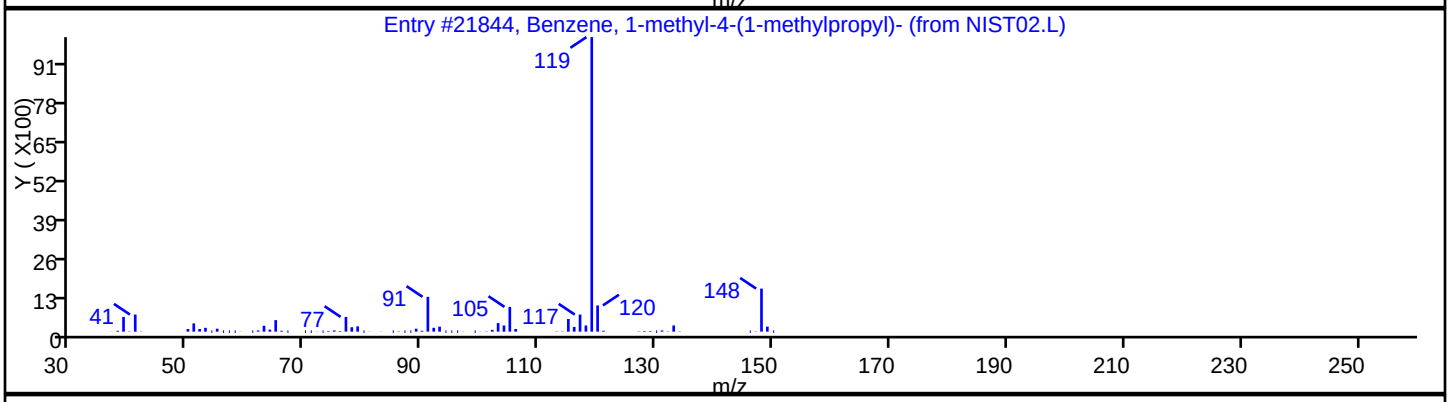
Operator ID: Purge Vol: 5.000 mL

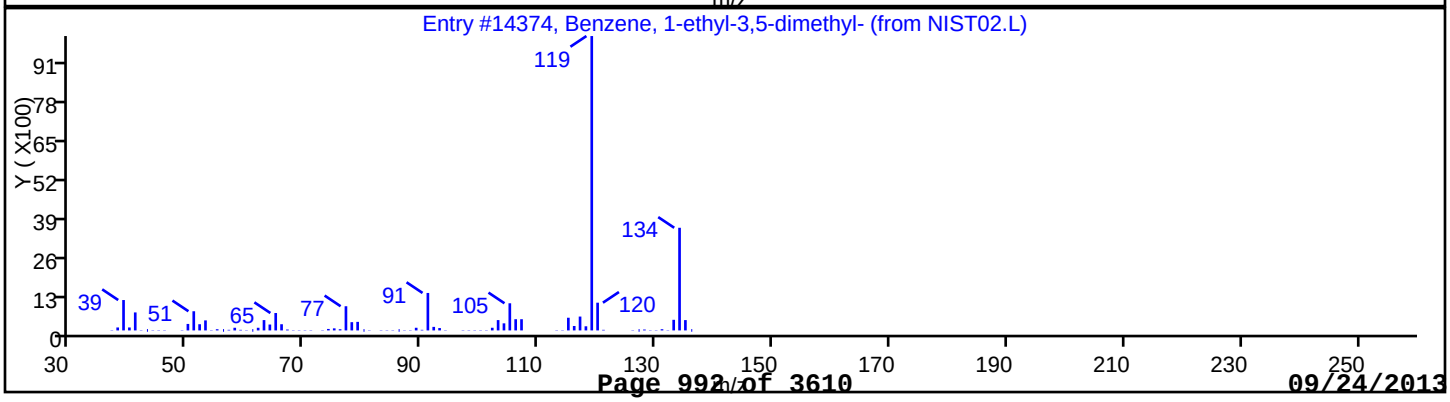
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.L	14397	80
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	78
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.L	14374	72









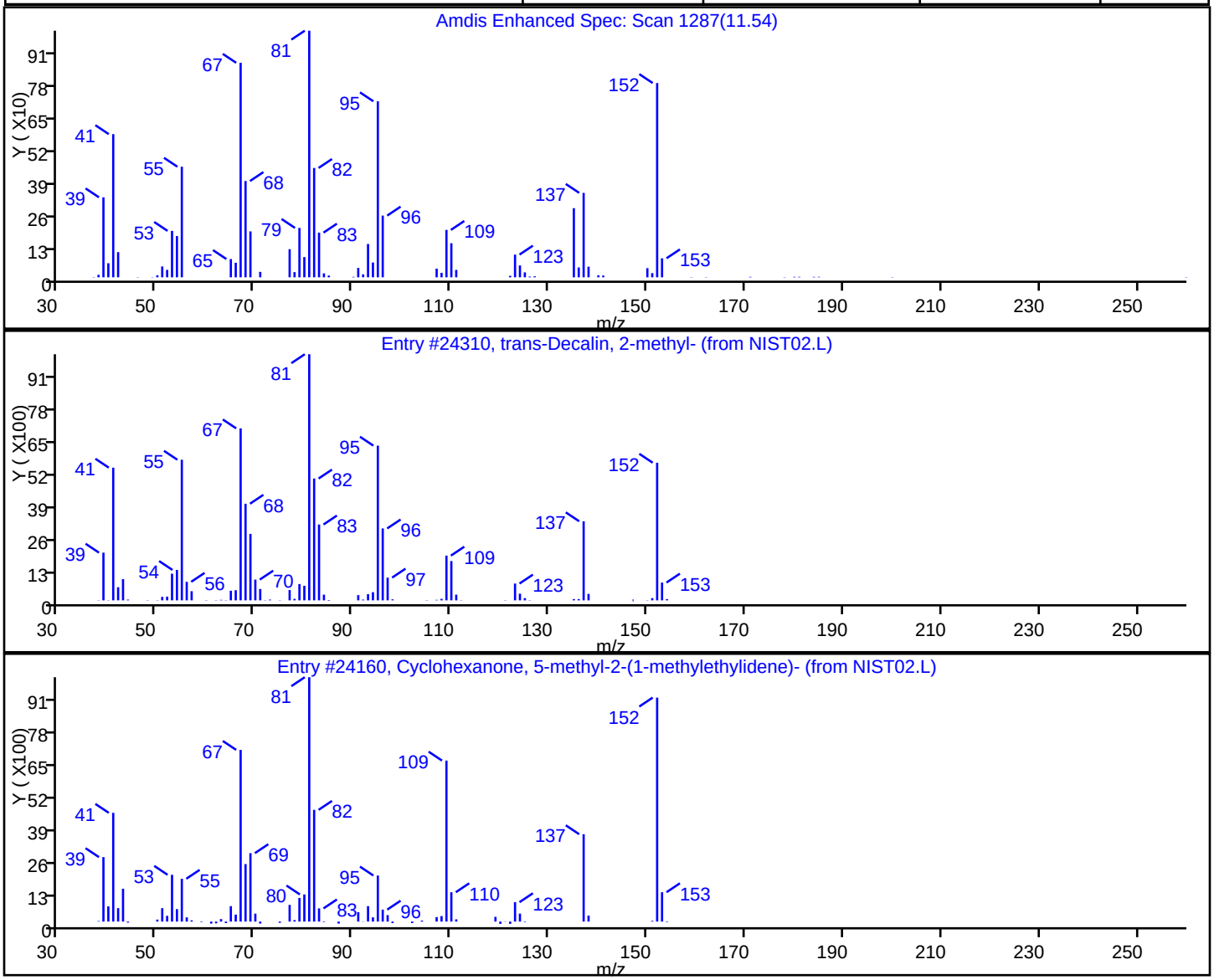
Report Date: 20-Sep-2013 17:39:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60690.D

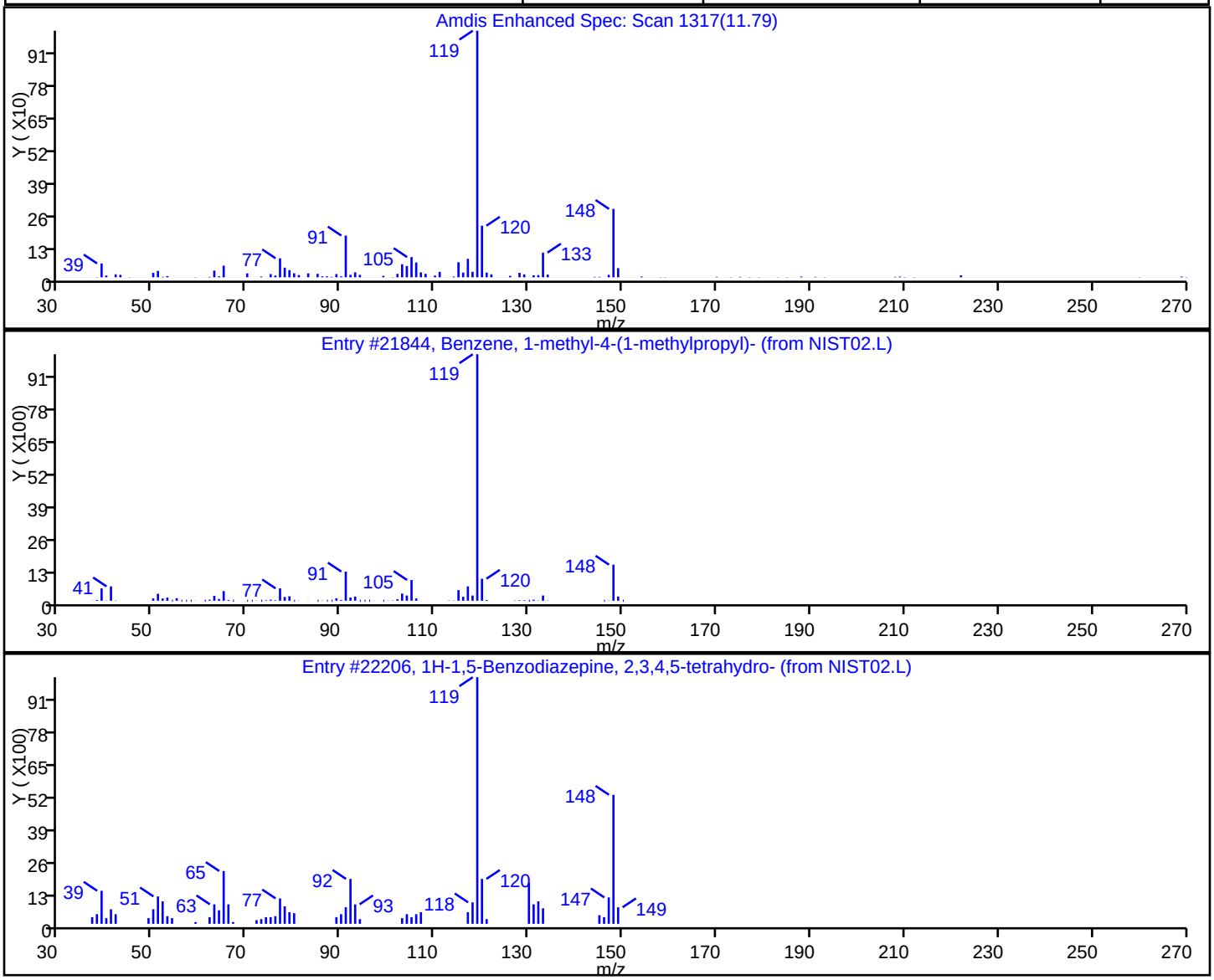
Injection Date:	19-Sep-2013 20:45:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	94
Cyclohexanone, 5-methyl-2-(1-methylethyl	15932-80-6	NIST02.L	24160	89



Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60690.D
Injection Date: 19-Sep-2013 20:45:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-7SE-WT Instrument ID: CVOAMS2
Lims Batch ID: 182095 Lims Sample ID: 24
Operator ID: Purge Vol: 5.000 mL
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	81
1H-1,5-Benzodiazepine, 2,3,4,5-tetrahydr	6516-89-8	NIST02.L	22206	72



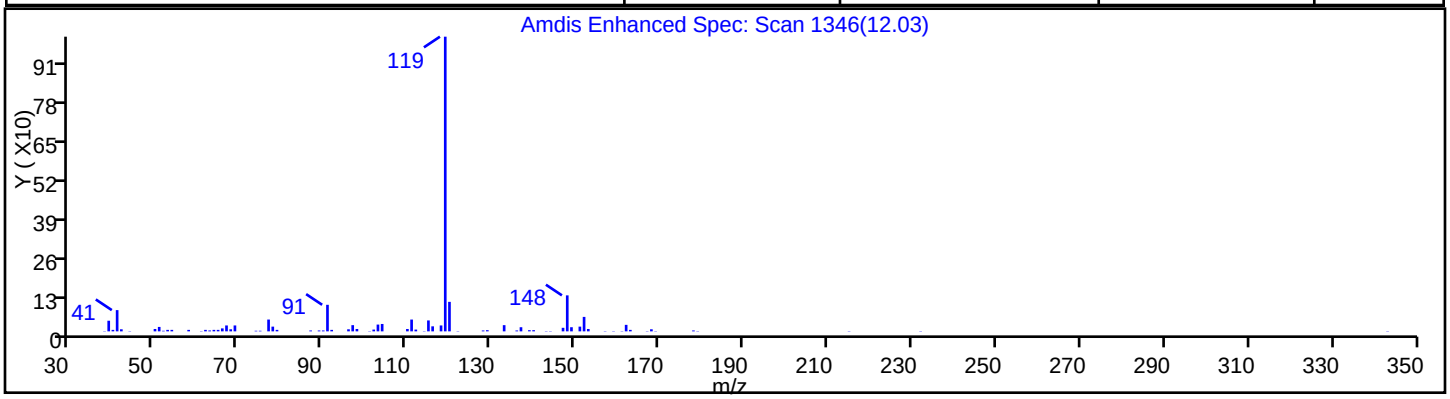
Report Date: 20-Sep-2013 17:39:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

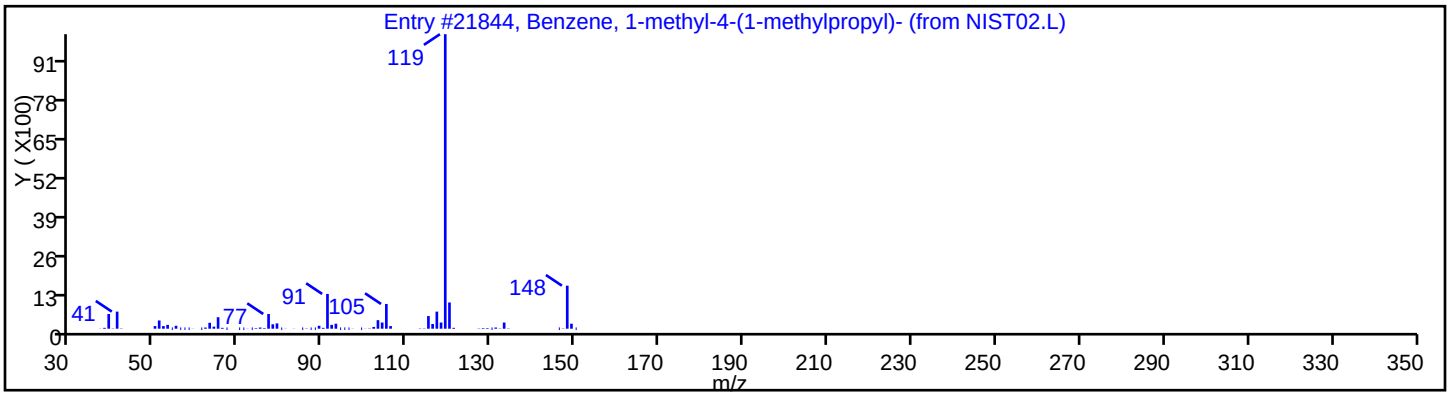
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60690.D

Injection Date:	19-Sep-2013 20:45:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown Aromatic		NIST02.L	0	0
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	87





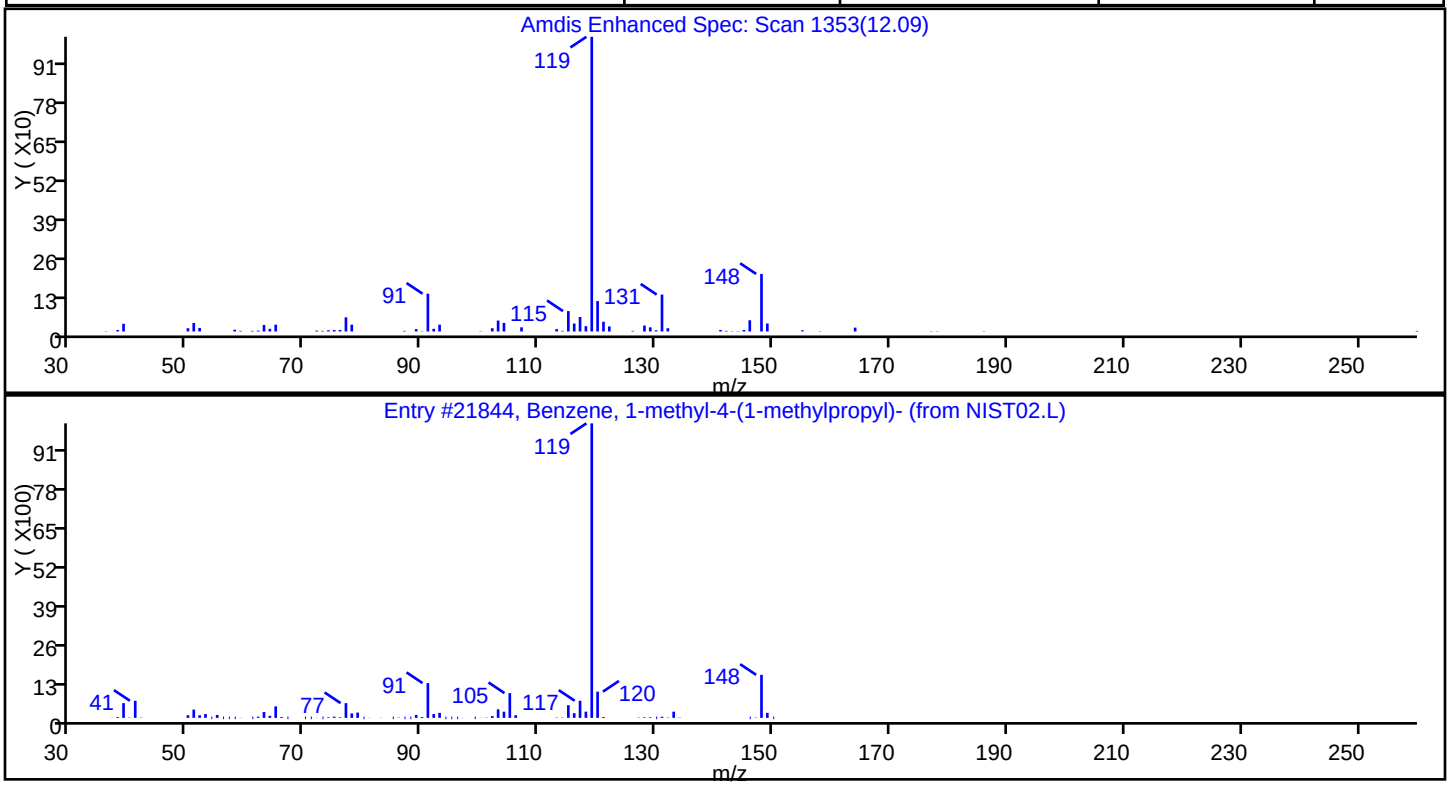
Report Date: 20-Sep-2013 17:39:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60690.D

Injection Date:	19-Sep-2013 20:45:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	80



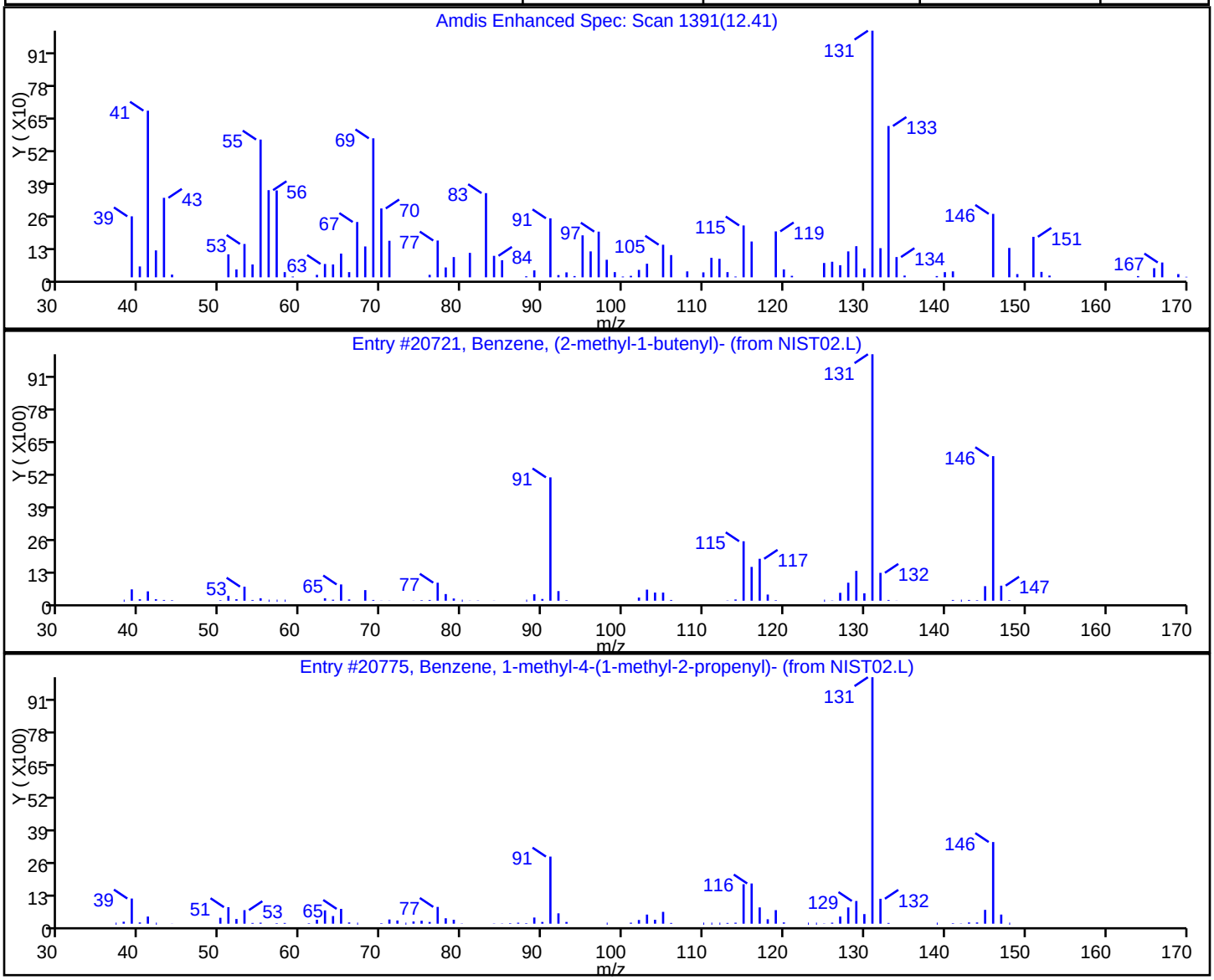
Report Date: 20-Sep-2013 17:39:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60690.D

Injection Date:	19-Sep-2013 20:45:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.L	20721	91
Benzene, 1-methyl-4-(1-methyl-2-propenyl	97664-18-1	NIST02.L	20775	70



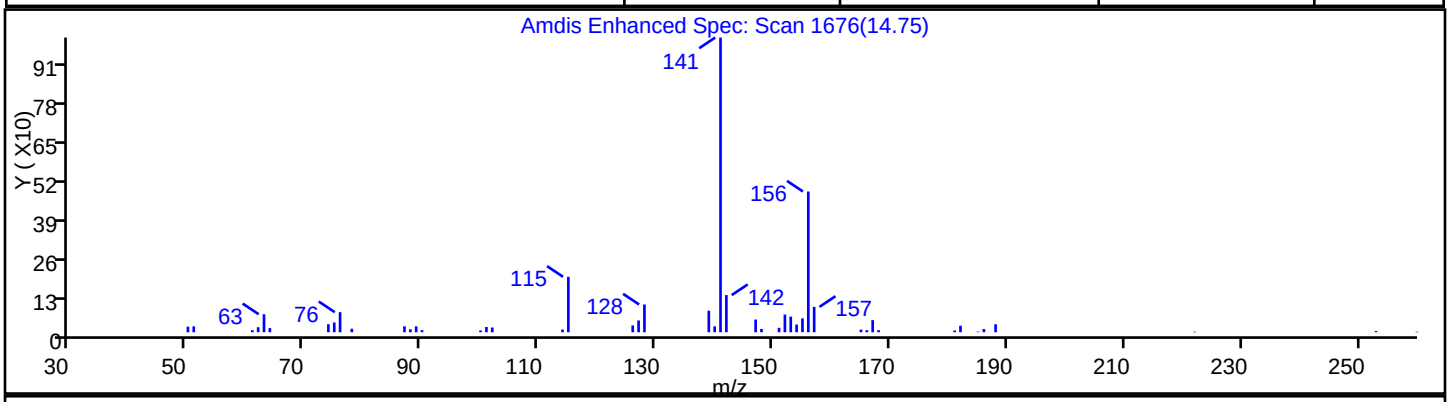
Report Date: 20-Sep-2013 17:39:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

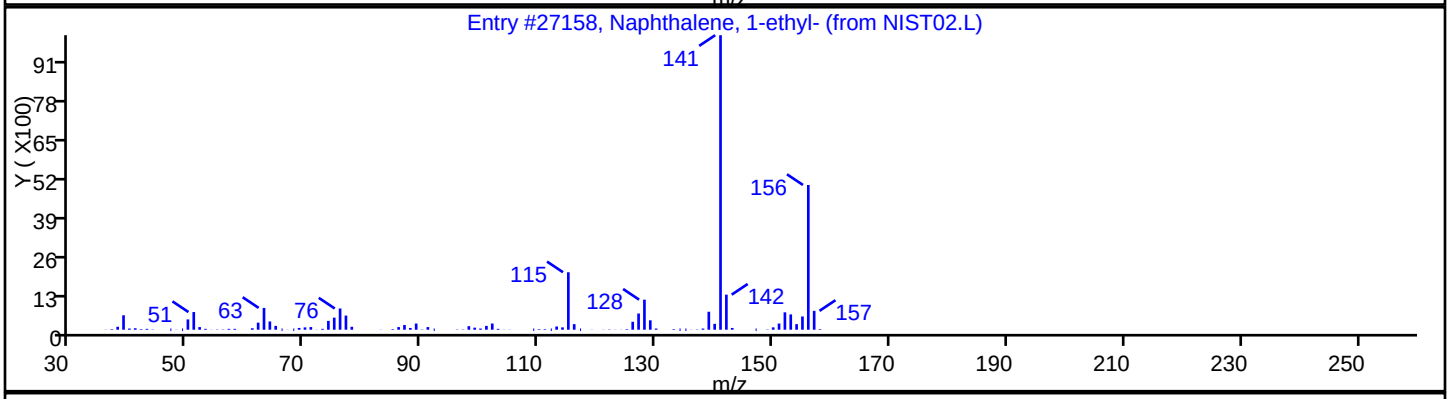
TestAmerica Edison

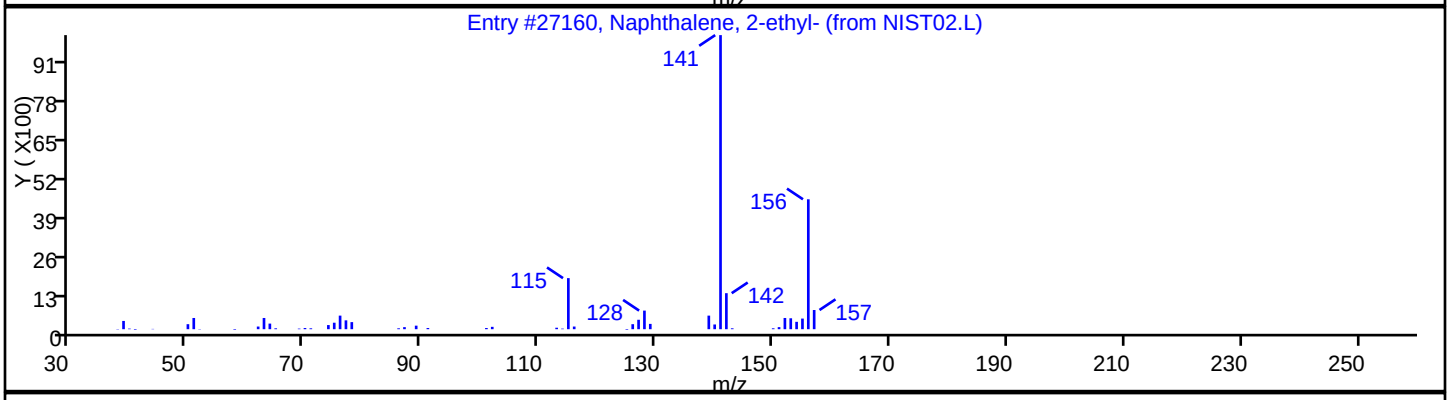
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60690.D

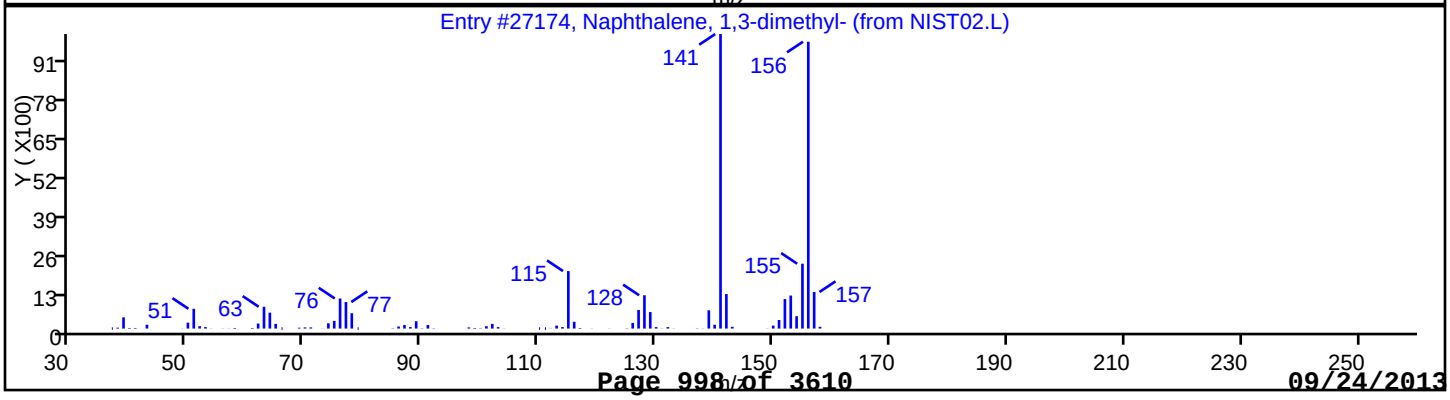
Injection Date:	19-Sep-2013 20:45:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 1-ethyl-	1127-76-0	NIST02.L	27158	96
Naphthalene, 2-ethyl-	939-27-5	NIST02.L	27160	95
Naphthalene, 1,3-dimethyl-	575-41-7	NIST02.L	27174	86









Report Date: 20-Sep-2013 17:39:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60690.D

Injection Date: 19-Sep-2013 20:45:30 Limit Group: VOA - 8260B Water and Solid

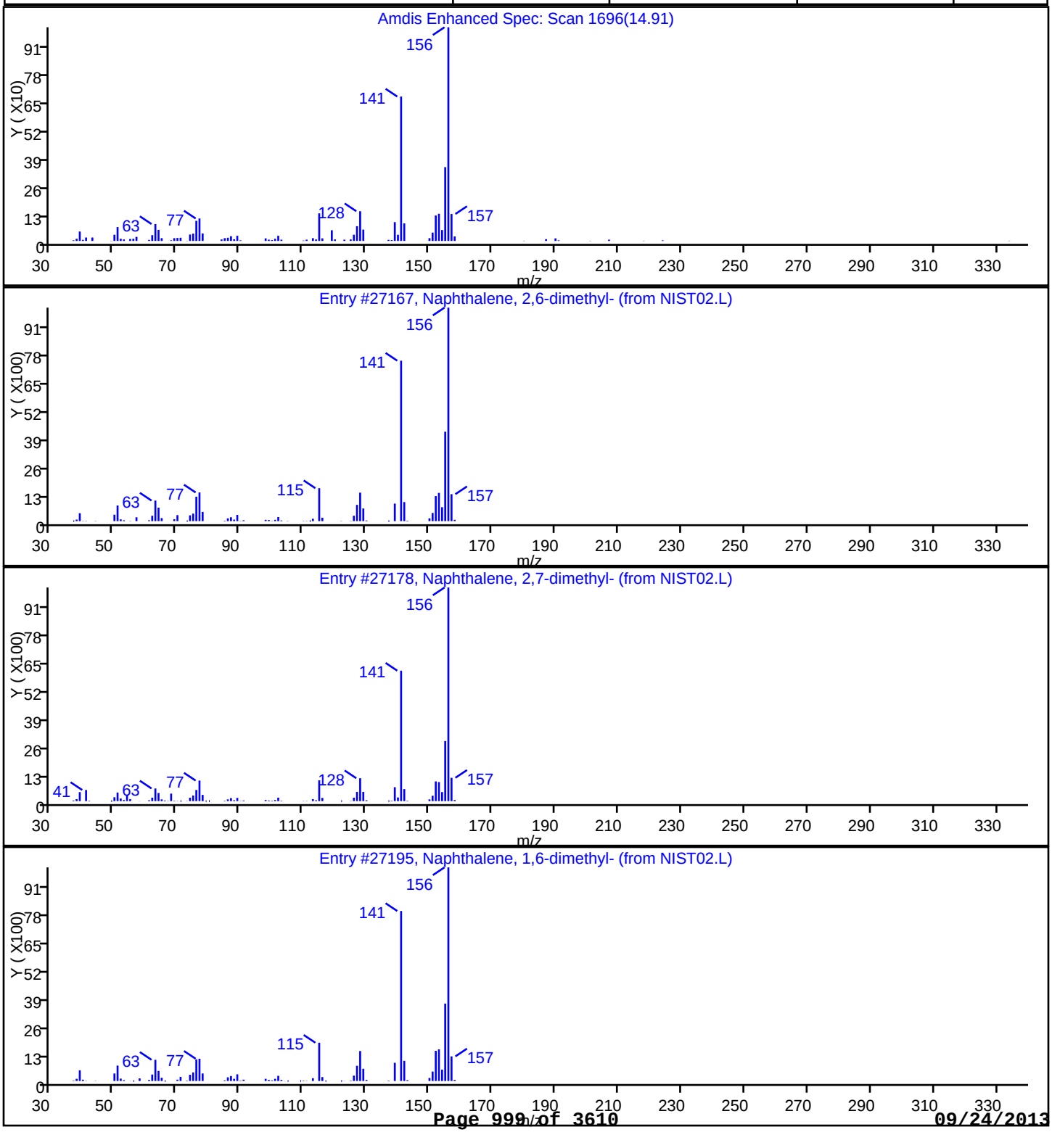
Client ID: PMP-7SE-WT Instrument ID: CVOAMS2

Lims Batch ID: 182095 Lims Sample ID: 24

Operator ID: Purge Vol: 5.000 mL

Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02.L	27167	98
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.L	27178	98
Naphthalene, 1,6-dimethyl-	575-43-9	NIST02.L	27195	98



Report Date: 20-Sep-2013 17:39:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60690.D

Injection Date: 19-Sep-2013 20:45:30 Limit Group: VOA - 8260B Water and Solid

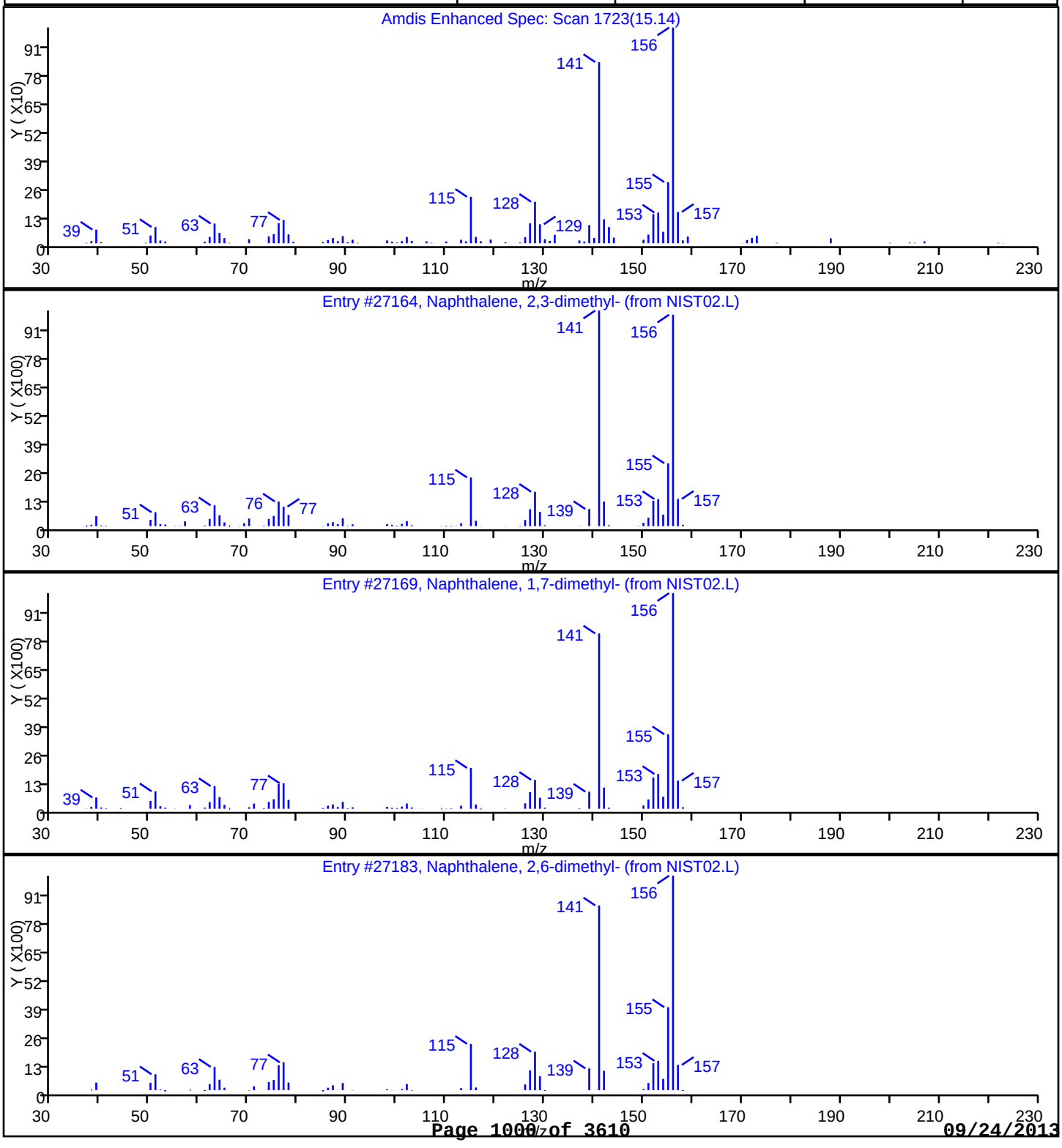
Client ID: PMP-7SE-WT Instrument ID: CVOAMS2

Lims Batch ID: 182095 Lims Sample ID: 24

Operator ID: Purge Vol: 5.000 mL

Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 2,3-dimethyl-	581-40-8	NIST02.L	27164	98
Naphthalene, 1,7-dimethyl-	575-37-1	NIST02.L	27169	97
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02.L	27183	97



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-SI | Lab Sample ID: 460-62993-21

Matrix: Solid | Lab File ID: B60705.D

Analysis Method: 8260B | Date Collected: 09/13/2013 10:20

Sample wt/vol: 6.668(g) | Date Analyzed: 09/20/2013 02:15

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.9 | Level: (low/med) Medium

Analysis Batch No.: 182277 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	8.6	U	89	8.6
74-83-9	Bromomethane	16	U	89	16
75-01-4	Vinyl chloride	13	U	89	13
75-00-3	Chloroethane	15	U	89	15
75-09-2	Methylene Chloride	16	U	89	16
67-64-1	Acetone	240	U	450	240
75-15-0	Carbon disulfide	11	U	89	11
75-69-4	Trichlorofluoromethane	13	U	89	13
75-35-4	1,1-Dichloroethene	7.9	U	89	7.9
75-34-3	1,1-Dichloroethane	12	U	89	12
156-60-5	trans-1,2-Dichloroethene	11	U	89	11
156-59-2	cis-1,2-Dichloroethene	16	U	89	16
67-66-3	Chloroform	7.0	U	89	7.0
78-93-3	2-Butanone	210	U	450	210
107-06-2	1,2-Dichloroethane	17	U	89	17
71-55-6	1,1,1-Trichloroethane	5.5	U	89	5.5
56-23-5	Carbon tetrachloride	5.1	U	89	5.1
71-43-2	Benzene	7.4	U	89	7.4
75-25-2	Bromoform	17	U	89	17
100-42-5	Styrene	11	U	89	11
100-41-4	Ethylbenzene	90		89	8.5
108-90-7	Chlorobenzene	9.8	U	89	9.8
110-82-7	Cyclohexane	14	U	89	14
98-82-8	Isopropylbenzene	430		89	6.8
591-78-6	2-Hexanone	45	U	450	45
1634-04-4	MTBE	12	U	89	12
76-13-1	Freon TF	7.3	U	89	7.3
79-20-9	Methyl acetate	30	U	450	30
123-91-1	1,4-Dioxane	3200	U	4500	3200
79-01-6	Trichloroethene	8.2	U	89	8.2
108-88-3	Toluene	13	U	89	13
10061-02-6	trans-1,3-Dichloropropene	22	U	89	22
108-10-1	4-Methyl-2-pentanone	88	U	450	88
10061-01-5	cis-1,3-Dichloropropene	16	U	89	16
95-50-1	1,2-Dichlorobenzene	18	U	89	18
541-73-1	1,3-Dichlorobenzene	12	U	89	12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-SI | Lab Sample ID: 460-62993-21

Matrix: Solid | Lab File ID: B60705.D

Analysis Method: 8260B | Date Collected: 09/13/2013 10:20

Sample wt/vol: 6.668(g) | Date Analyzed: 09/20/2013 02:15

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.9 | Level: (low/med) Medium

Analysis Batch No.: 182277 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	21	U	89	21
120-82-1	1,2,4-Trichlorobenzene	31	U	89	31
87-61-6	1,2,3-Trichlorobenzene	46	U	89	46
78-87-5	1,2-Dichloropropane	7.7	U	89	7.7
108-87-2	Methylcyclohexane	1000		89	12
127-18-4	Tetrachloroethene	27	J	89	8.7
1330-20-7	Xylenes, Total	970		270	32
96-12-8	1,2-Dibromo-3-Chloropropane	36	U	89	36
79-34-5	1,1,2,2-Tetrachloroethane	14	U	89	14
79-00-5	1,1,2-Trichloroethane	17	U	89	17
124-48-1	Dibromochloromethane	18	U	89	18
106-93-4	1,2-Dibromoethane	25	U	89	25
75-71-8	Dichlorodifluoromethane	19	U	89	19
74-97-5	Bromochloromethane	24	U	89	24
75-27-4	Bromodichloromethane	11	U	89	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		75-135
2037-26-5	Toluene-d8 (Surr)	81		59-150
460-00-4	Bromofluorobenzene	87		72-133
1868-53-7	Dibromofluoromethane (Surr)	86		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-SI Lab Sample ID: 460-62993-21

Matrix: Solid Lab File ID: B60705.D

Analysis Method: 8260B Date Collected: 09/13/2013 10:20

Sample wt/vol: 6.668(g) Date Analyzed: 09/20/2013 02:15

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.9 Level: (low/med) Medium

Analysis Batch No.: 182277 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 242000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
124-18-5	Decane	10.15	30000	J N
611-14-3	Benzene, 1-ethyl-2-methyl-	10.39	18000	J N
1120-21-4	Undecane	11.10	21000	J N
535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-	11.30	18000	J N
768-49-0	Benzene, (2-methyl-1-propenyl)-	11.46	21000	J N
112-40-3	Dodecane	11.92	25000	J N
2049-95-8	Benzene, (1,1-dimethylpropyl)-	12.03	35000	J N
1559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-methyl	12.33	20000	J N
20836-11-7	1H-Indene,2,3-dihydro-2,2-dimethyl-	12.41	32000	J N
1559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-methyl	12.71	22000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60705.D		
Lims ID:	460-62993-C-21-A	Client ID:	PMP-7SE-SI
Inject. Date:	20-Sep-2013 02:15:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62993-C-21-A		
Misc. Info.:	460-0004826-010		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	9
Lims Batch ID:	182277	Lims Sample ID:	10
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\8260W_2.m		
Last Update:	20-Sep-2013 11:00:50	Calib Date:	18-Sep-2013 04:57:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4744.b\B60605.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK006		
First Level Reviewer: desais		Date:	20-Sep-2013 10:34:44

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	2.813	2.797	0.016	64	337948	1000.0	
$ 57 Dibromofluoromethane (Surr)	113	4.492	4.492	0.0	98	175742	42.9	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.887	0.0	97	283781	46.7	
* 58 Fluorobenzene	96	5.216	5.216	0.0	97	655252	50.0	
62 Methylcyclohexane	83	5.768	5.776	-0.008	74	33351	11.6	
* 65 1,4-Dioxane-d8	96	6.072	6.081	-0.009	91	39275	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.208	7.208	0.0	96	557277	40.4	
81 Tetrachloroethene	166	7.866	7.866	0.0	69	1211	0.2981	
* 87 Chlorobenzene-d5	117	8.772	8.772	0.0	89	552889	50.0	
89 Ethylbenzene	106	8.879	8.879	0.0	95	5286	1.01	
91 m-Xylene & p-Xylene	106	8.994	8.994	0.0	98	20915	3.26	
92 o-Xylene	106	9.364	9.364	0.0	89	47635	7.56	
96 Isopropylbenzene	105	9.685	9.685	0.0	88	78534	4.81	
$ 97 4-Bromofluorobenzene	174	9.858	9.858	0.0	89	236606	43.5	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	88	320436	50.0	
S 134 Xylenes, Total	100				0		10.8	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60705.D		
Lims ID:	460-62993-C-21-A	Client ID:	PMP-7SE-SI
Inject. Date:	20-Sep-2013 02:15:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62993-C-21-A		
Misc. Info.:	460-0004826-010		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	9
Lims Batch ID:	182277	Lims Sample ID:	10
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\8260W_2.m		
Last Update:	20-Sep-2013 11:00:50	Calib Date:	18-Sep-2013 04:57:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	80		
Process Host:	XAWRK006		
First Level Reviewer: desais		Date:	20-Sep-2013 10:34:44

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	124-18-5 Decane					
10.146	9439654	335.6	115	95	18419	
	611-14-3 Benzene, 1-ethyl-2-methyl-					
10.385	5568437	198.0	115	95	9130	
	1120-21-4 Undecane					
11.101	6484849	230.5	115	94	27118	
	535-77-3 Benzene, 1-methyl-3-(1-methylethyl)-					
11.298	5726077	203.6	115	93	14402	
	768-49-0 Benzene, (2-methyl-1-propenyl)-					
11.455	6514022	231.6	115	83	13595	
	112-40-3 Dodecane					
11.924	7831806	278.4	115	95	36159	
	2049-95-8 Benzene, (1,1-dimethylpropyl)-					
12.031	11081671	394.0	115	86	21828	
	1559-81-5 Naphthalene, 1,2,3,4-tetrahydro-1-methyl					
12.327	6167392	219.3	115	91	20757	
	20836-11-7 1H-Indene,2,3-dihydro-2,2-dimethyl-					
12.409	10241186	364.1	115	81	20737	
	1559-81-5 Naphthalene, 1,2,3,4-tetrahydro-1-methyl					
12.705	6998627	248.8	115	90	20767	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 115 1,4-Dichlorobenzene-d4	10.813	1406439	50.0

QC Flag Legend

Processing Flags

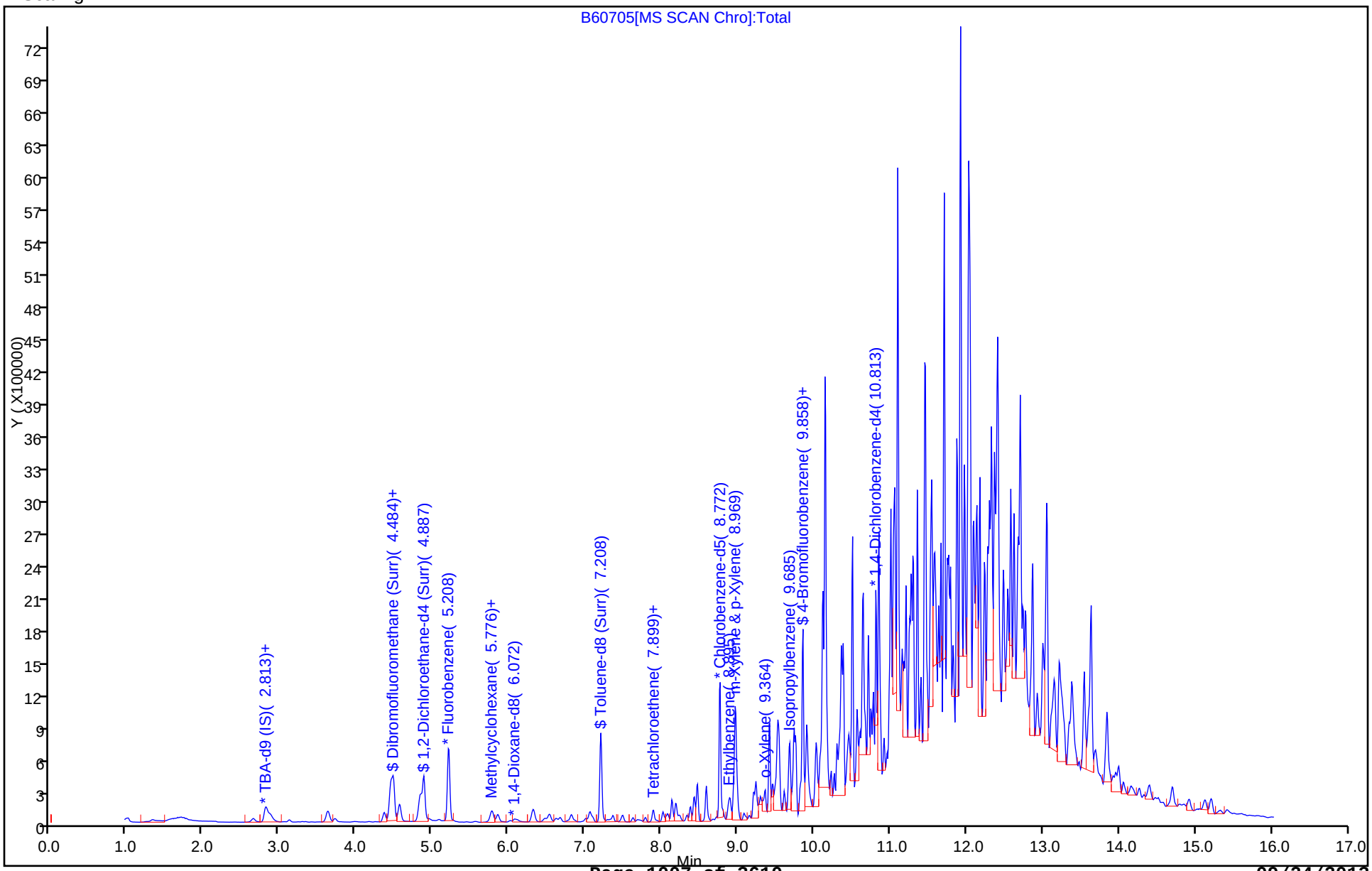
Report Date: 20-Sep-2013 11:00:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60705.D

Injection Date:	20-Sep-2013 02:15:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



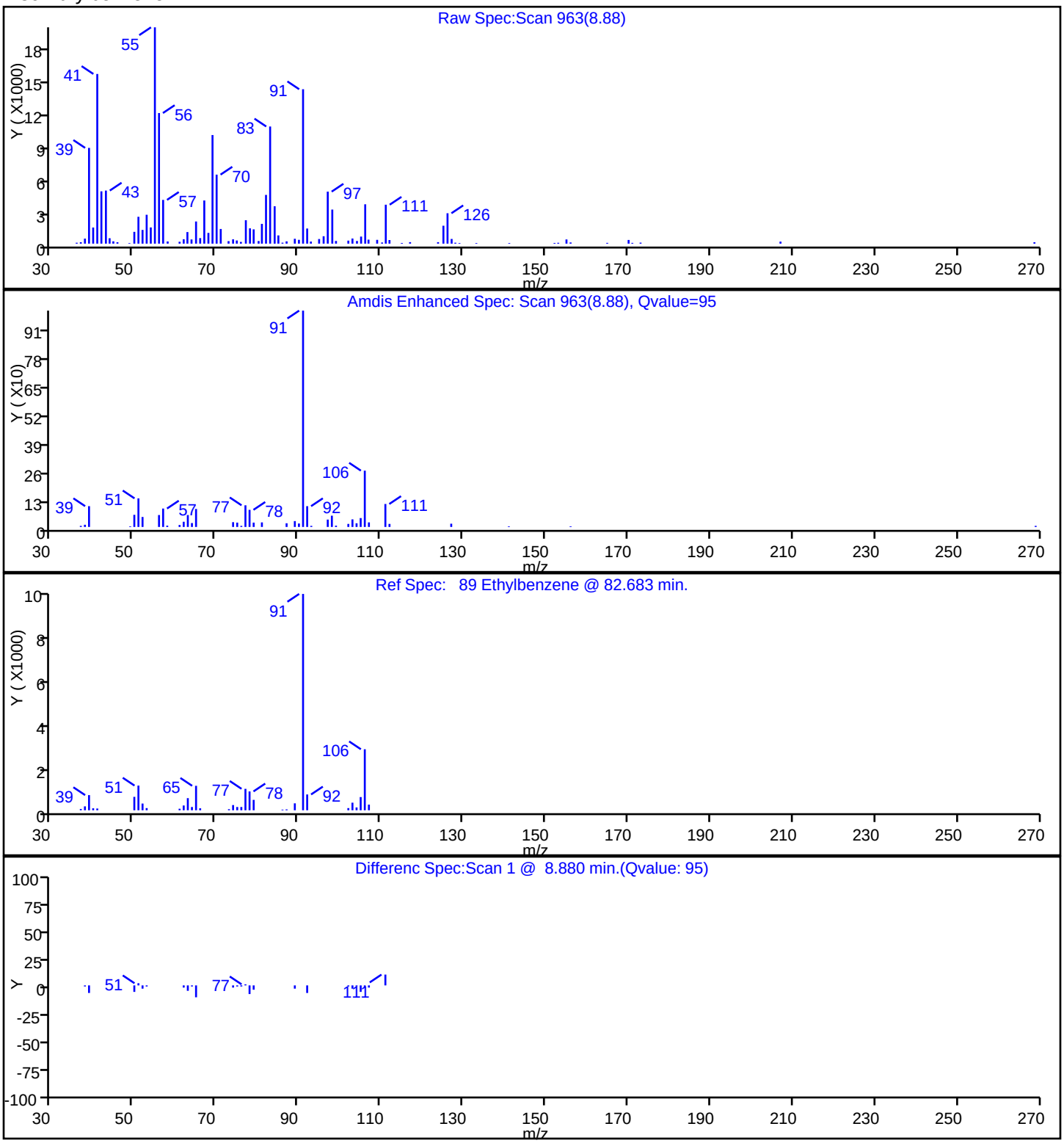
Report Date: 20-Sep-2013 11:00:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60705.D

Injection Date:	20-Sep-2013 02:15:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

89 Ethylbenzene



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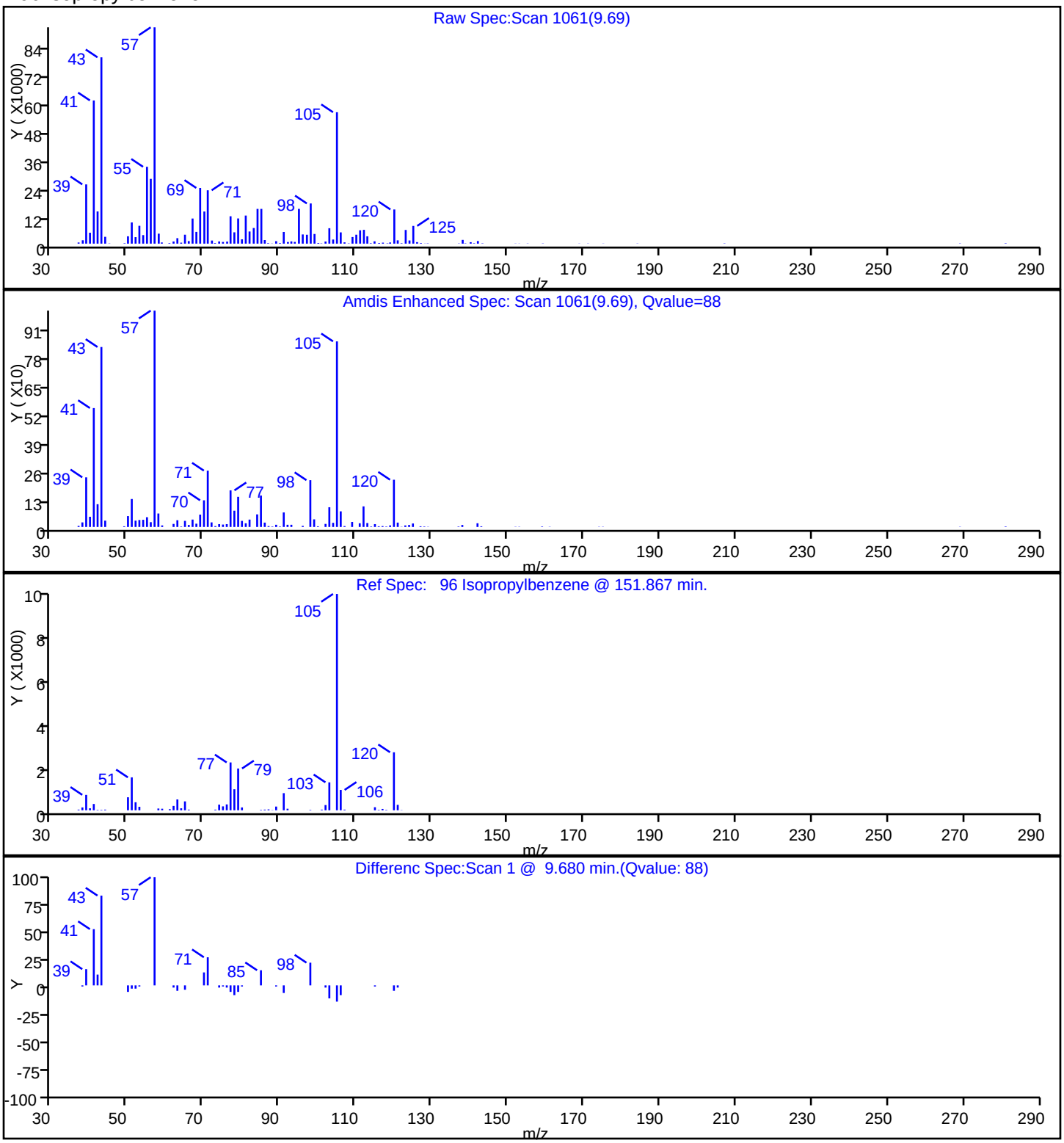
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60705.D

Injection Date:	20-Sep-2013 02:15:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

96 Isopropylbenzene



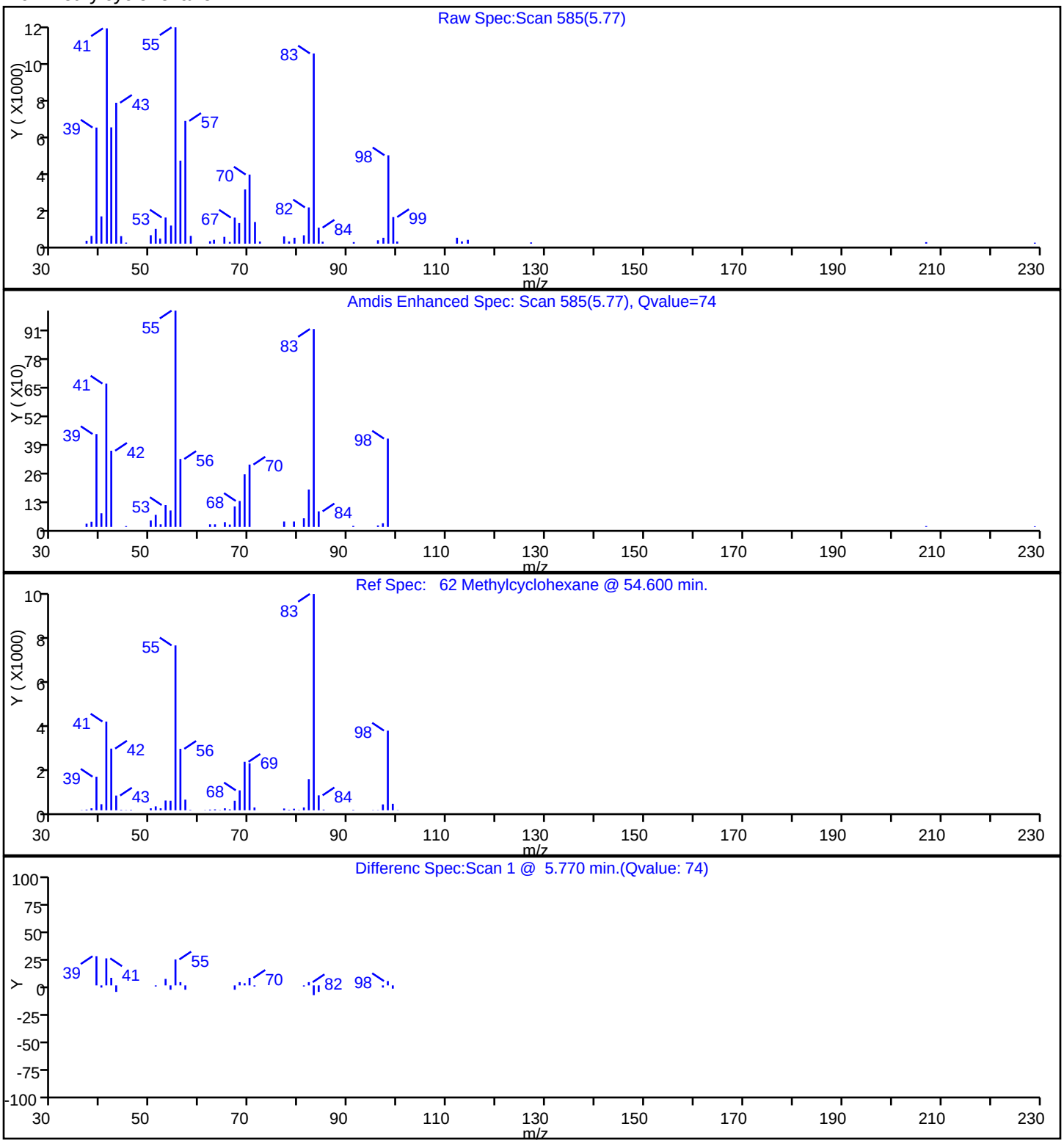
Report Date: 20-Sep-2013 11:00:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60705.D

Injection Date:	20-Sep-2013 02:15:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

62 Methylcyclohexane



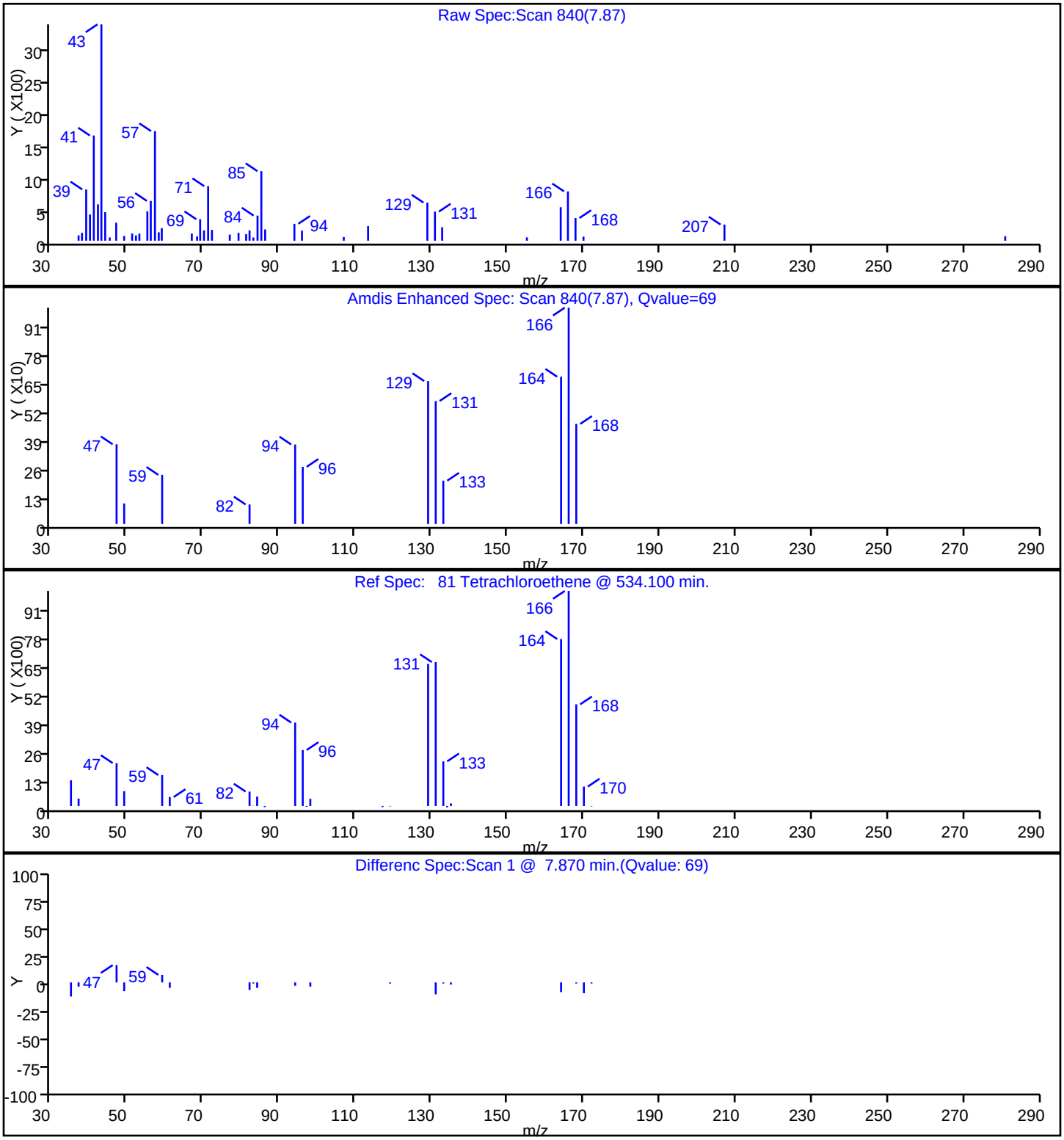
Report Date: 20-Sep-2013 11:00:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60705.D

Injection Date:	20-Sep-2013 02:15:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

81 Tetrachloroethene



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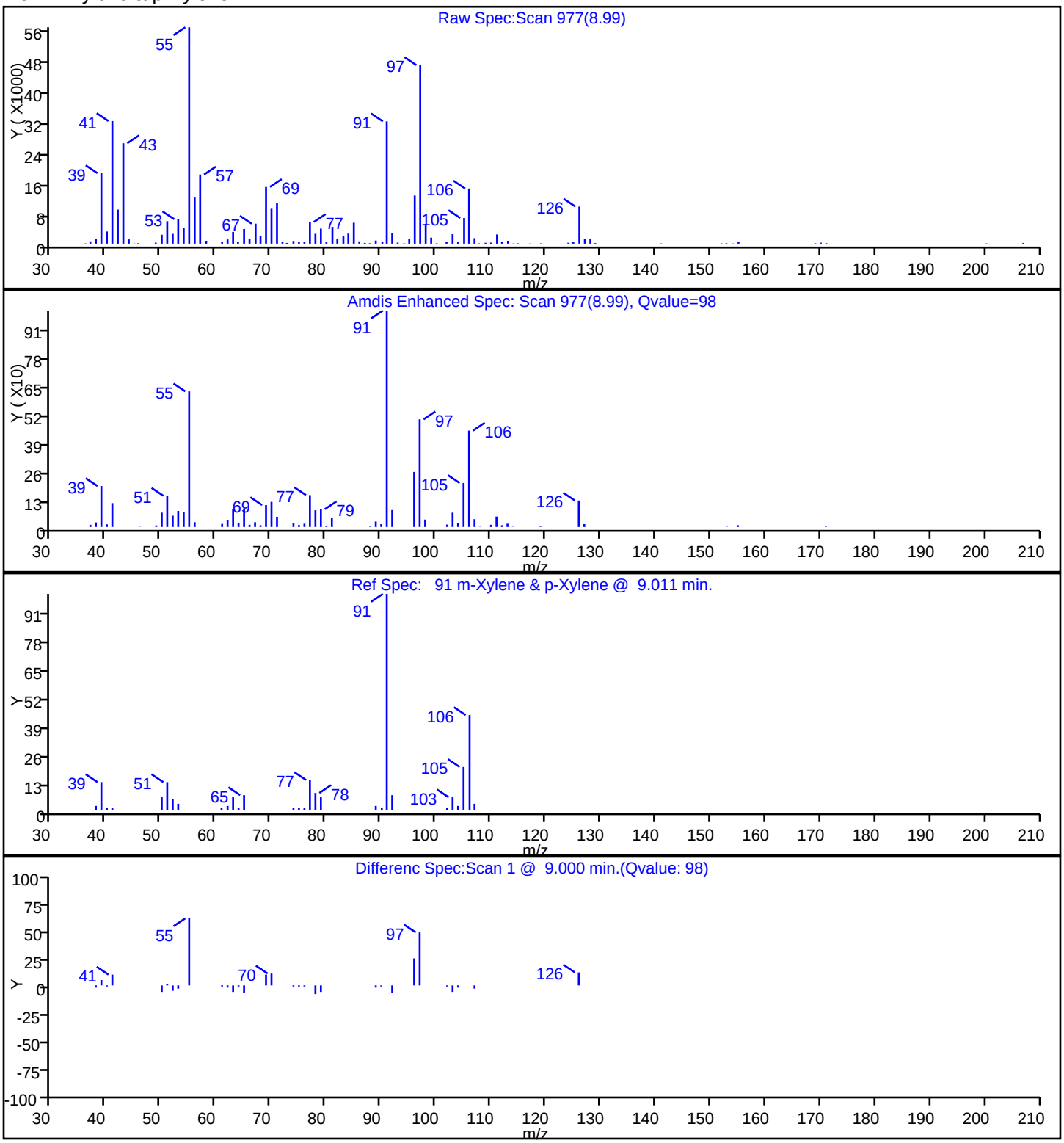
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60705.D

Injection Date:	20-Sep-2013 02:15:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

91 m-Xylene & p-Xylene



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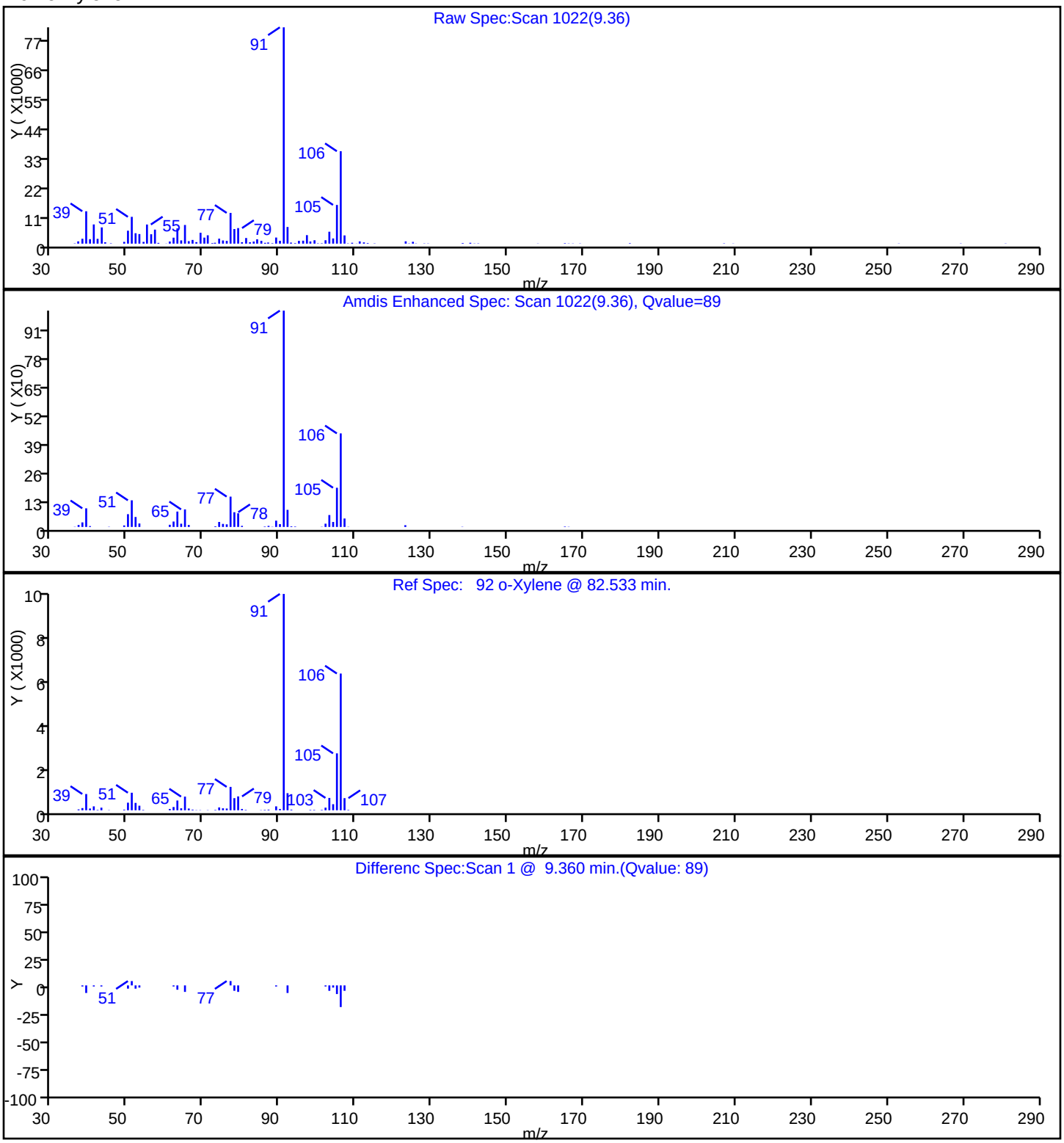
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60705.D

Injection Date:	20-Sep-2013 02:15:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

92 o-Xylene



Report Date: 20-Sep-2013 11:00:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60705.D

Injection Date: 20-Sep-2013 02:15:30 Limit Group: VOA - 8260B Water and Solid

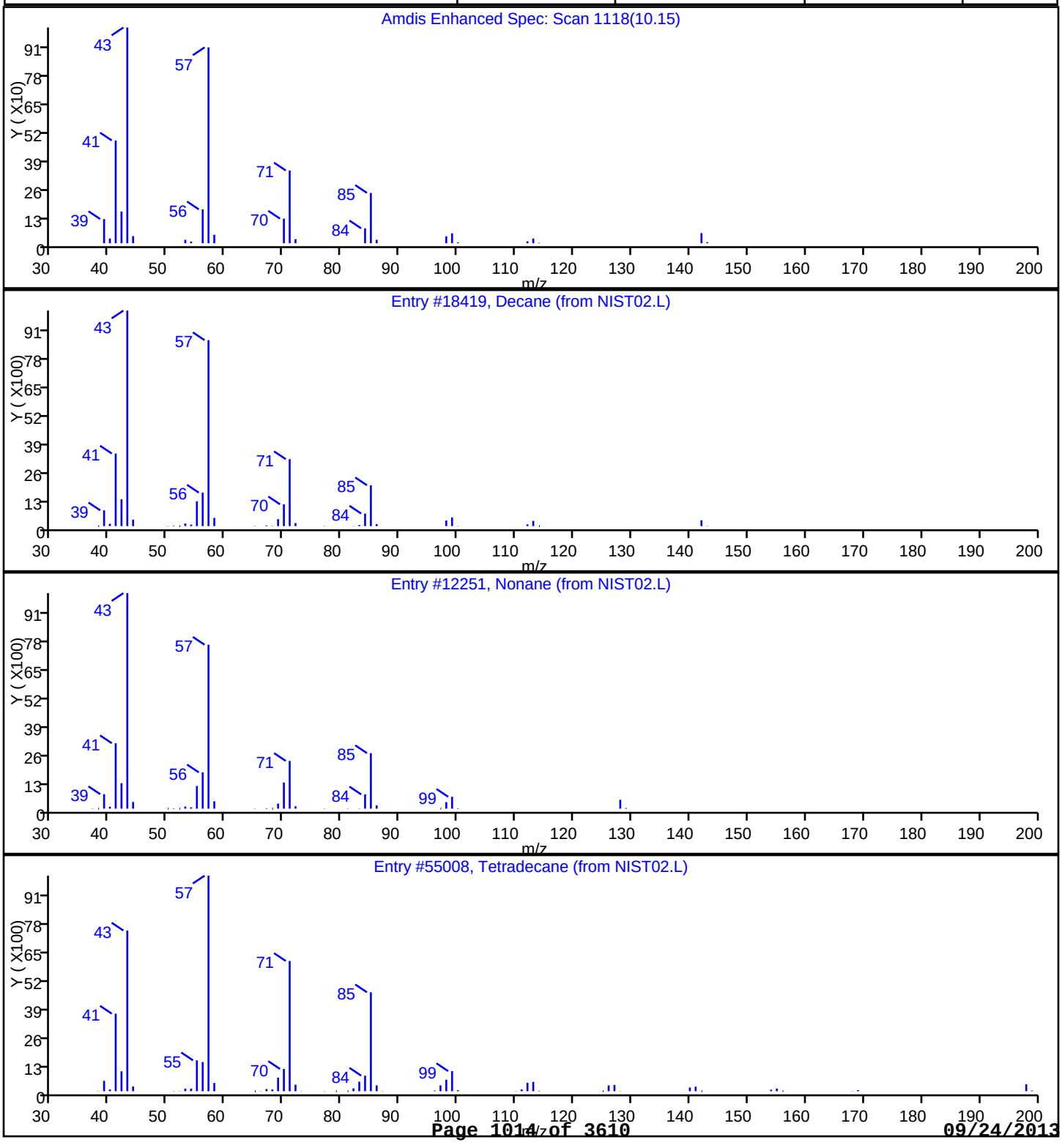
Client ID: PMP-7SE-SI Instrument ID: CVOAMS2

Lims Batch ID: 182277 Lims Sample ID: 10

Operator ID: Purge Vol: 5.000 mL

Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Decane	124-18-5	NIST02.L	18419	95
Nonane	111-84-2	NIST02.L	12251	83
Tetradecane	629-59-4	NIST02.L	55008	78



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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60705.D

Injection Date: 20-Sep-2013 02:15:30 Limit Group: VOA - 8260B Water and Solid

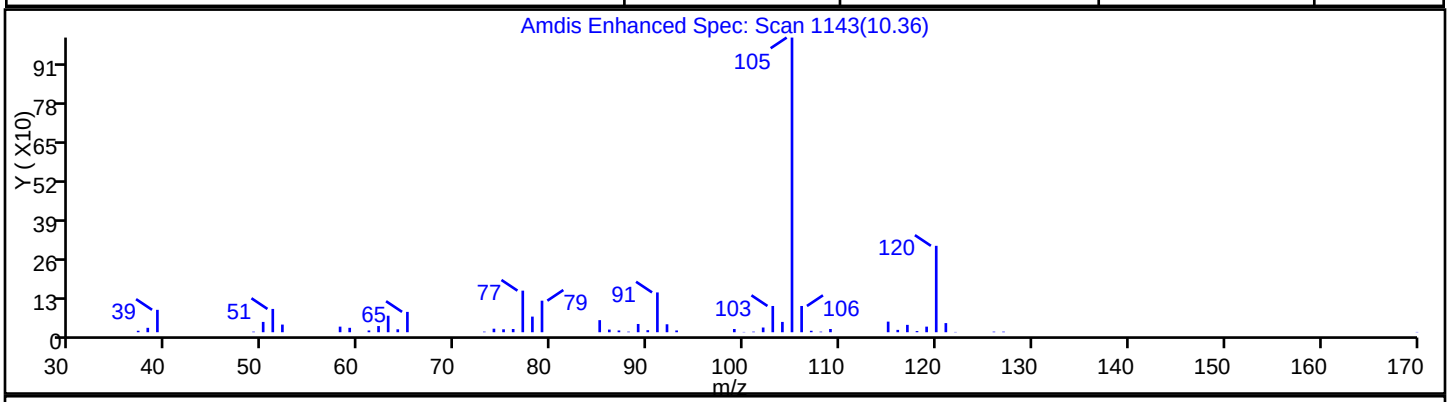
Client ID: PMP-7SE-SI Instrument ID: CVOAMS2

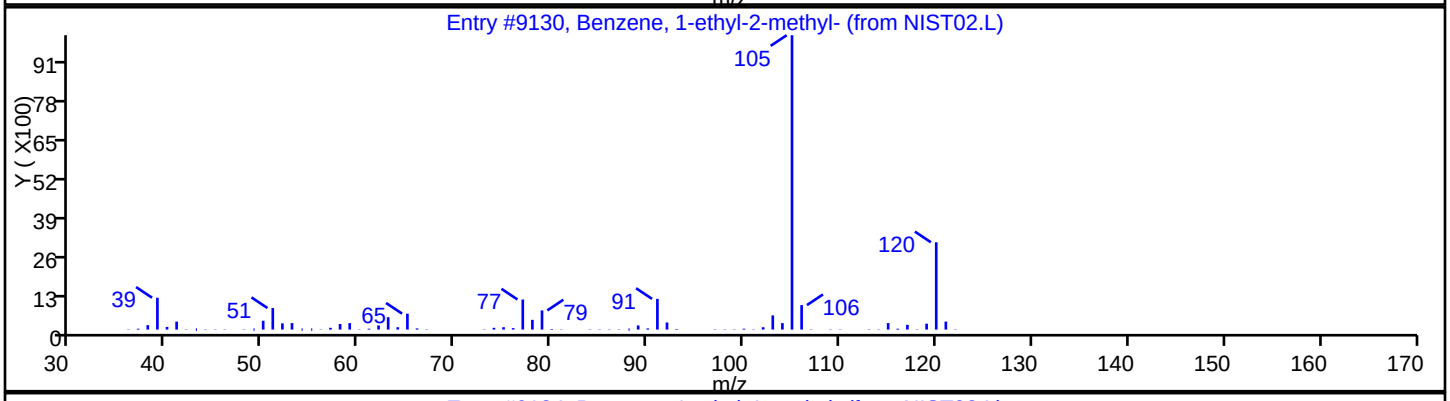
Lims Batch ID: 182277 Lims Sample ID: 10

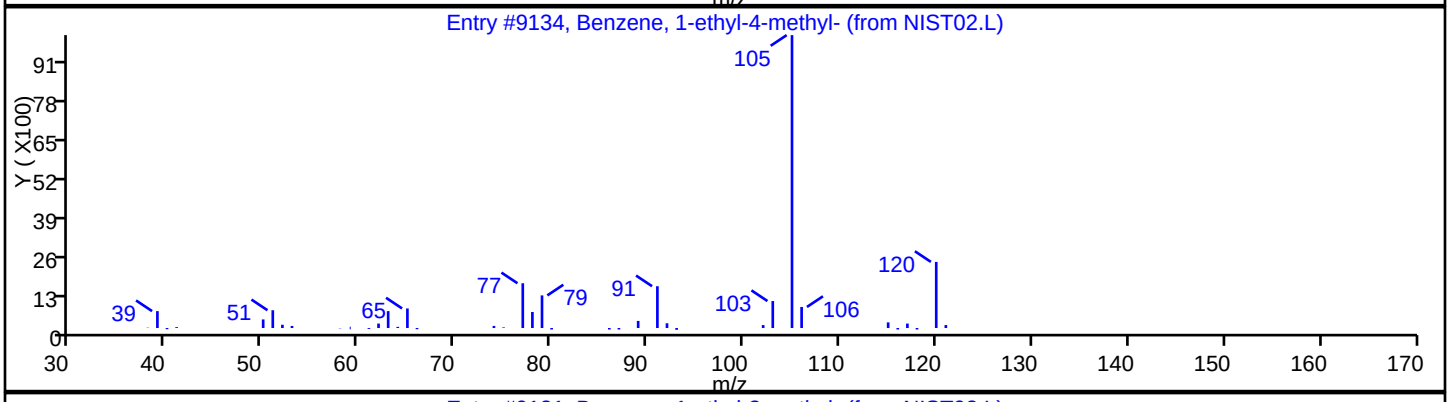
Operator ID: Purge Vol: 5.000 mL

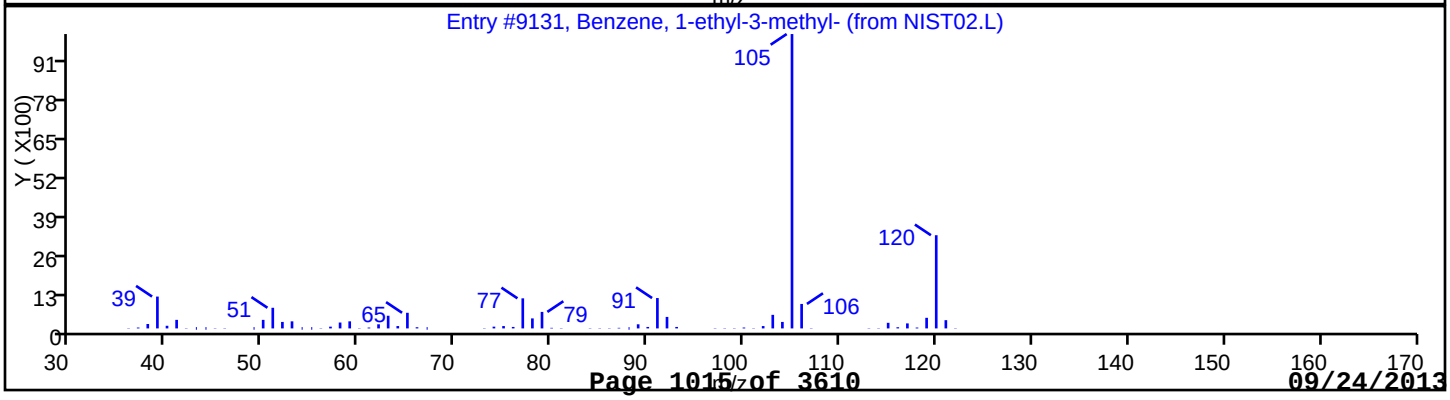
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9130	95
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.L	9134	93
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.L	9131	91









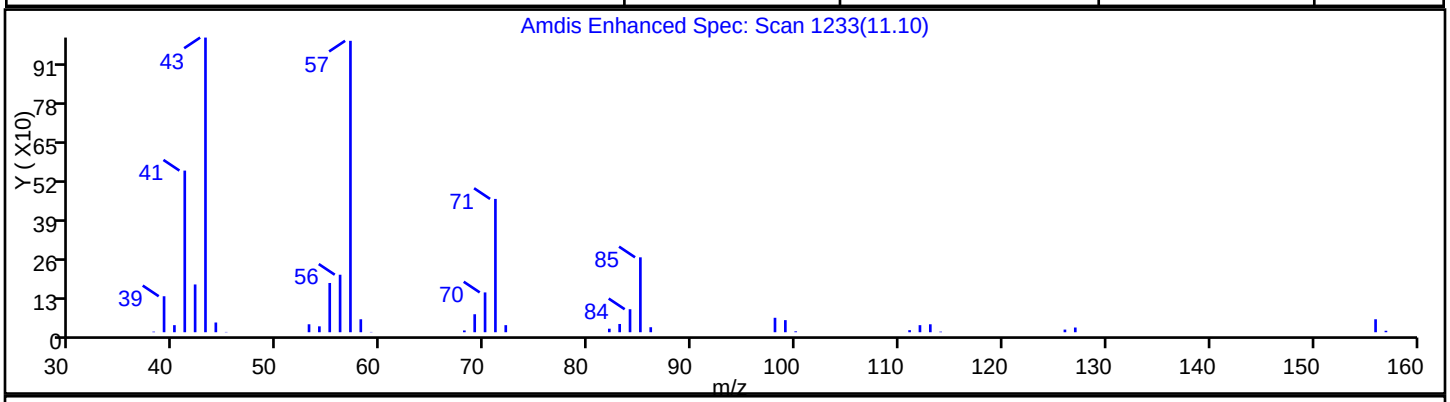
Report Date: 20-Sep-2013 11:00:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

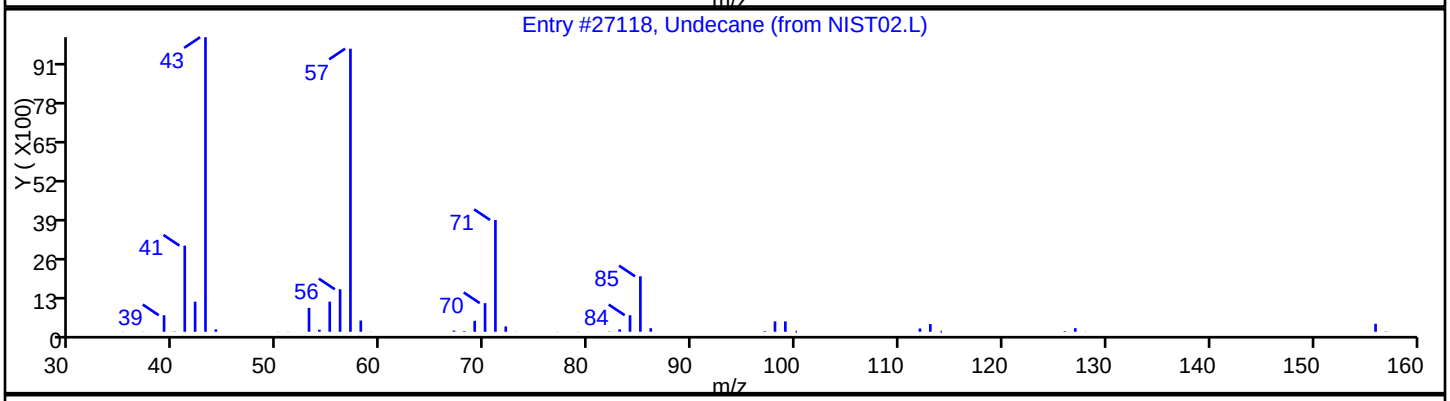
TestAmerica Edison

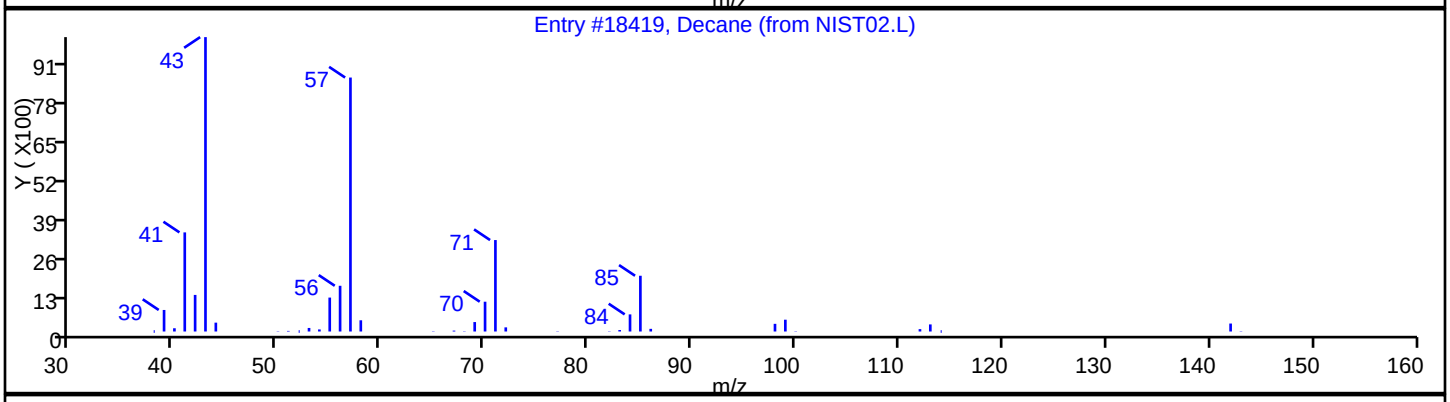
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60705.D

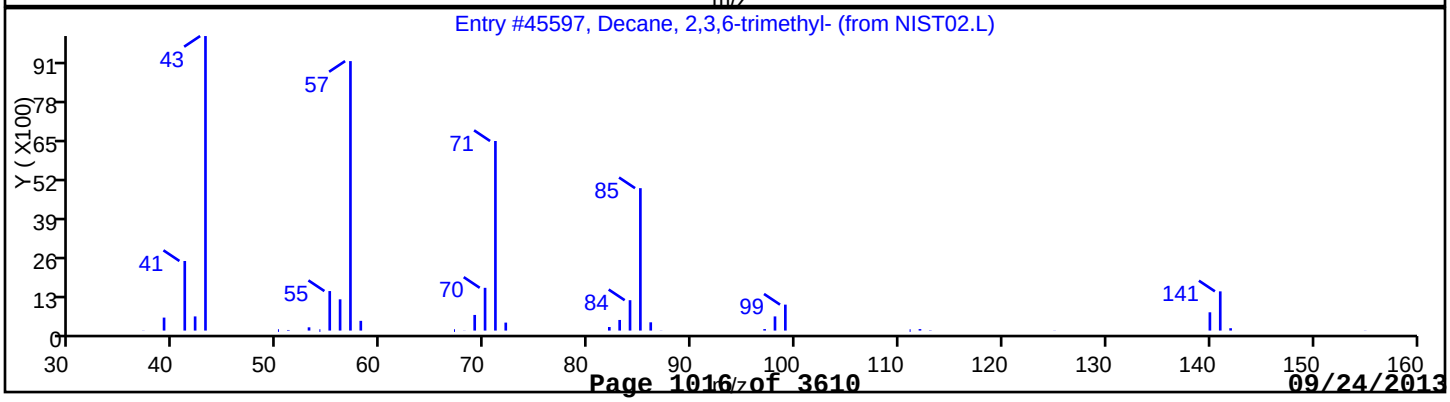
Injection Date:	20-Sep-2013 02:15:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Undecane	1120-21-4	NIST02.L	27118	94
Decane	124-18-5	NIST02.L	18419	90
Decane, 2,3,6-trimethyl-	62238-12-4	NIST02.L	45597	72









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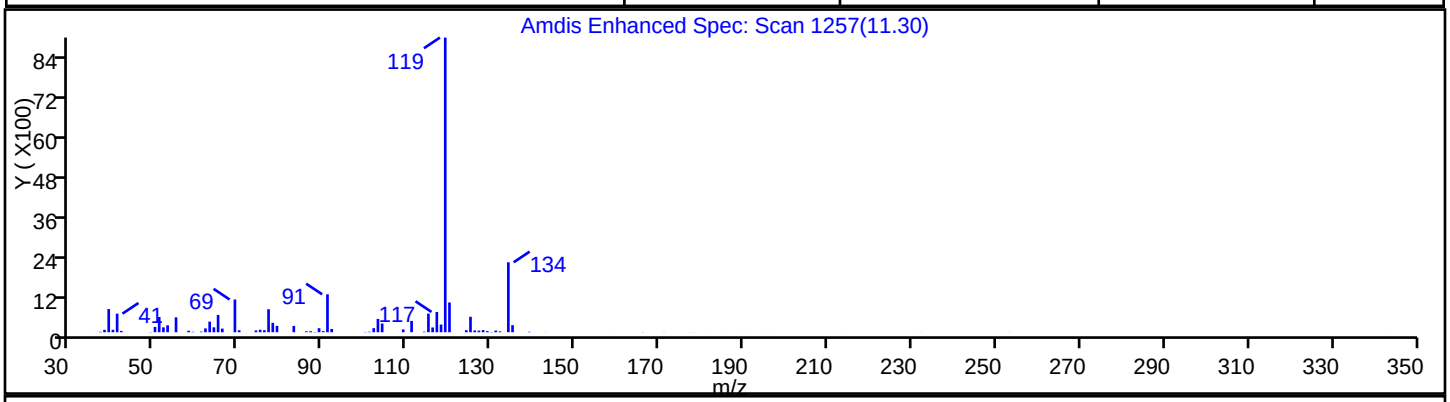
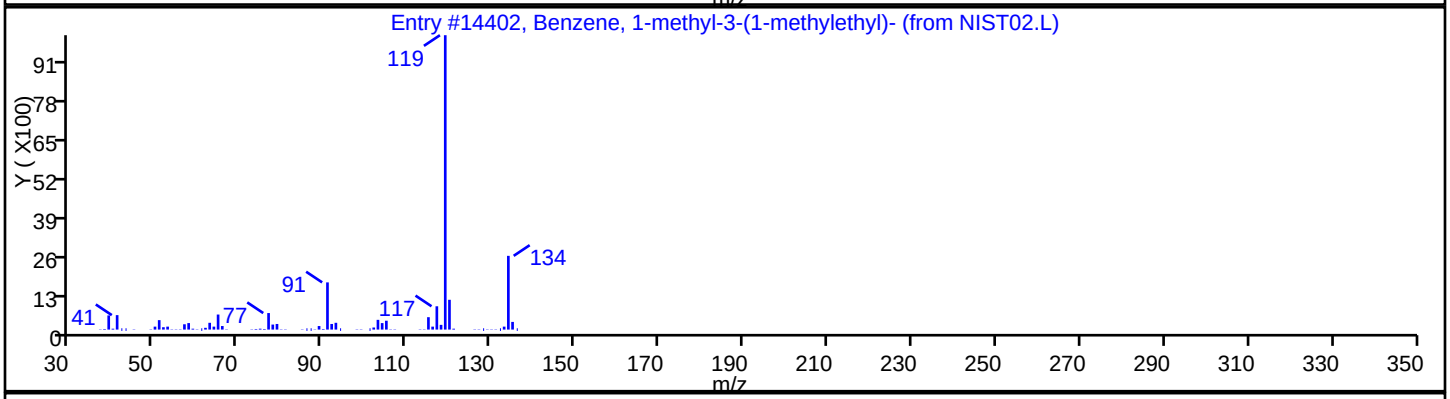
TestAmerica Edison

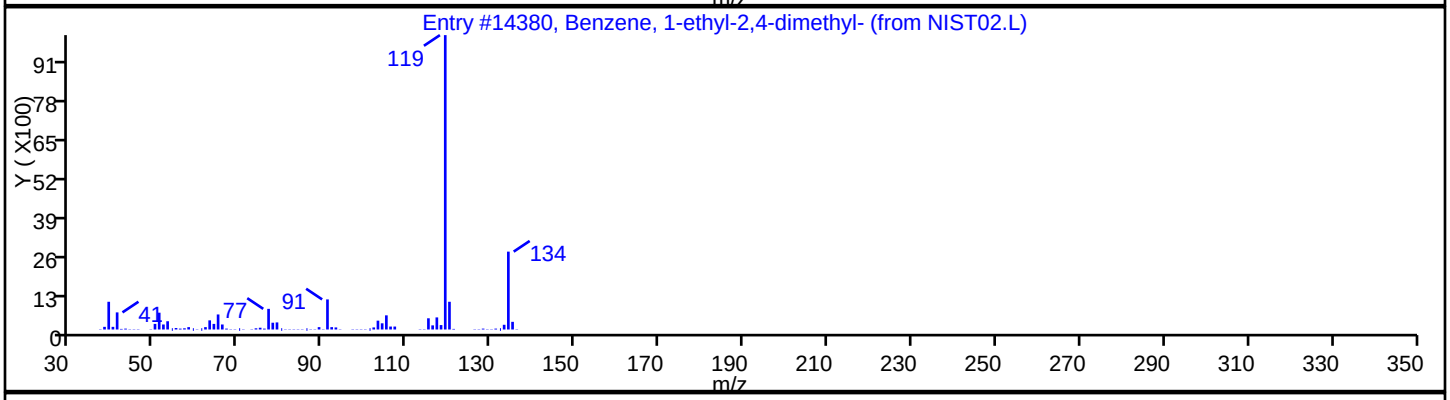
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60705.D

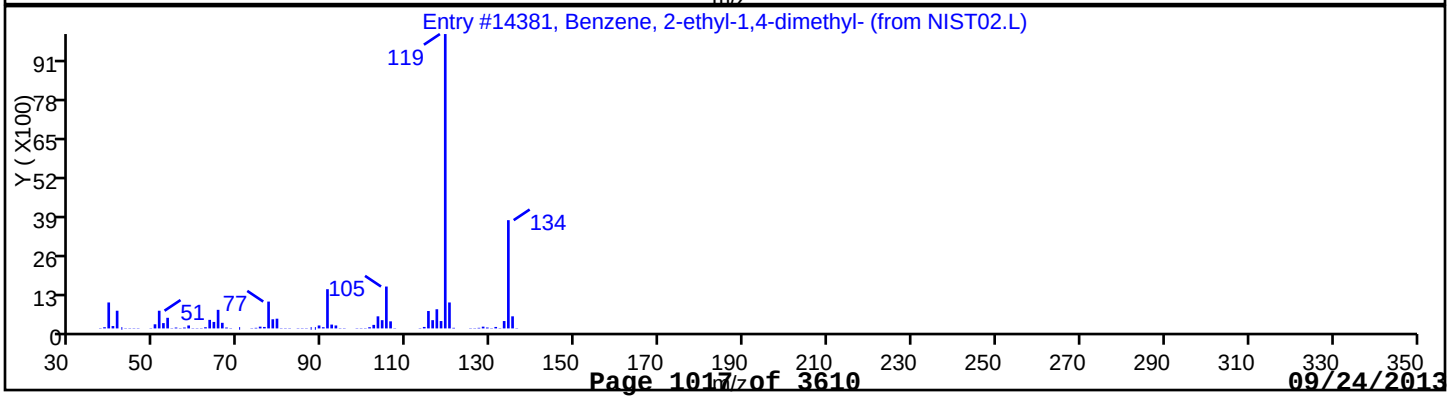
Injection Date:	20-Sep-2013 02:15:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.L	14402	93
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.L	14380	87
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.L	14381	87









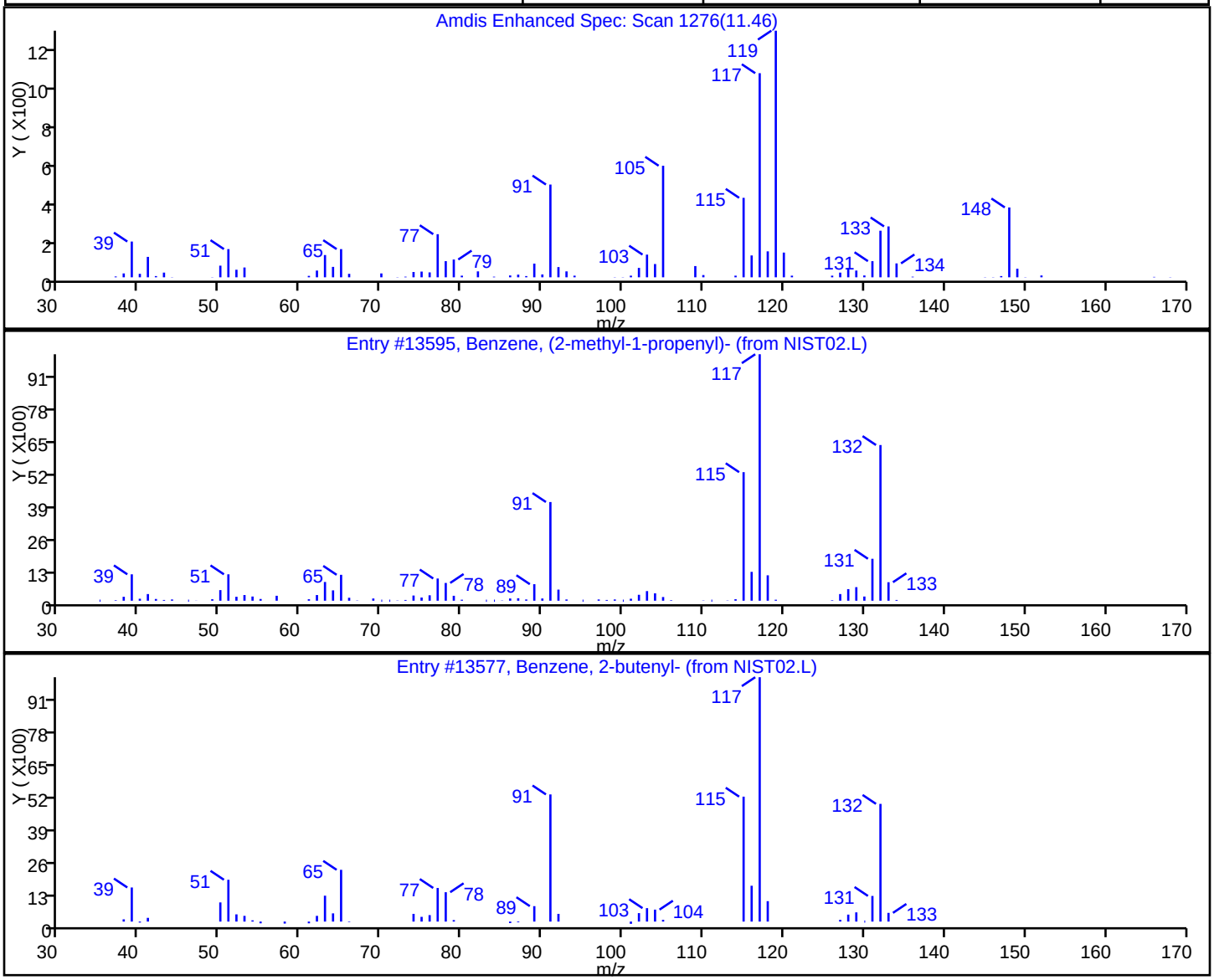
Report Date: 20-Sep-2013 11:00:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60705.D

Injection Date:	20-Sep-2013 02:15:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, (2-methyl-1-propenyl)-	768-49-0	NIST02.L	13595	83
Benzene, 2-butenyl-	1560-06-1	NIST02.L	13577	70



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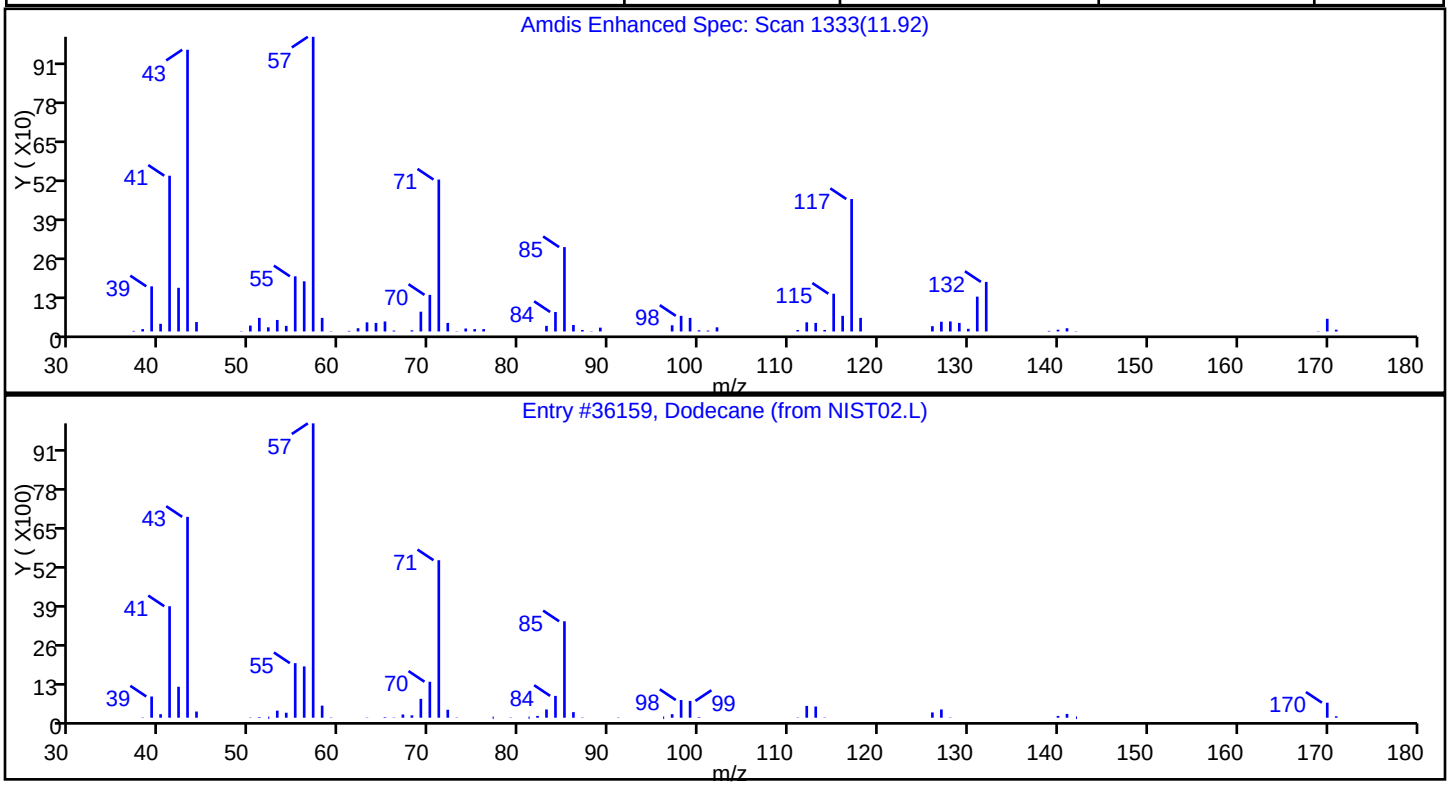
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60705.D

Injection Date:	20-Sep-2013 02:15:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Dodecane	112-40-3	NIST02.L	36159	95



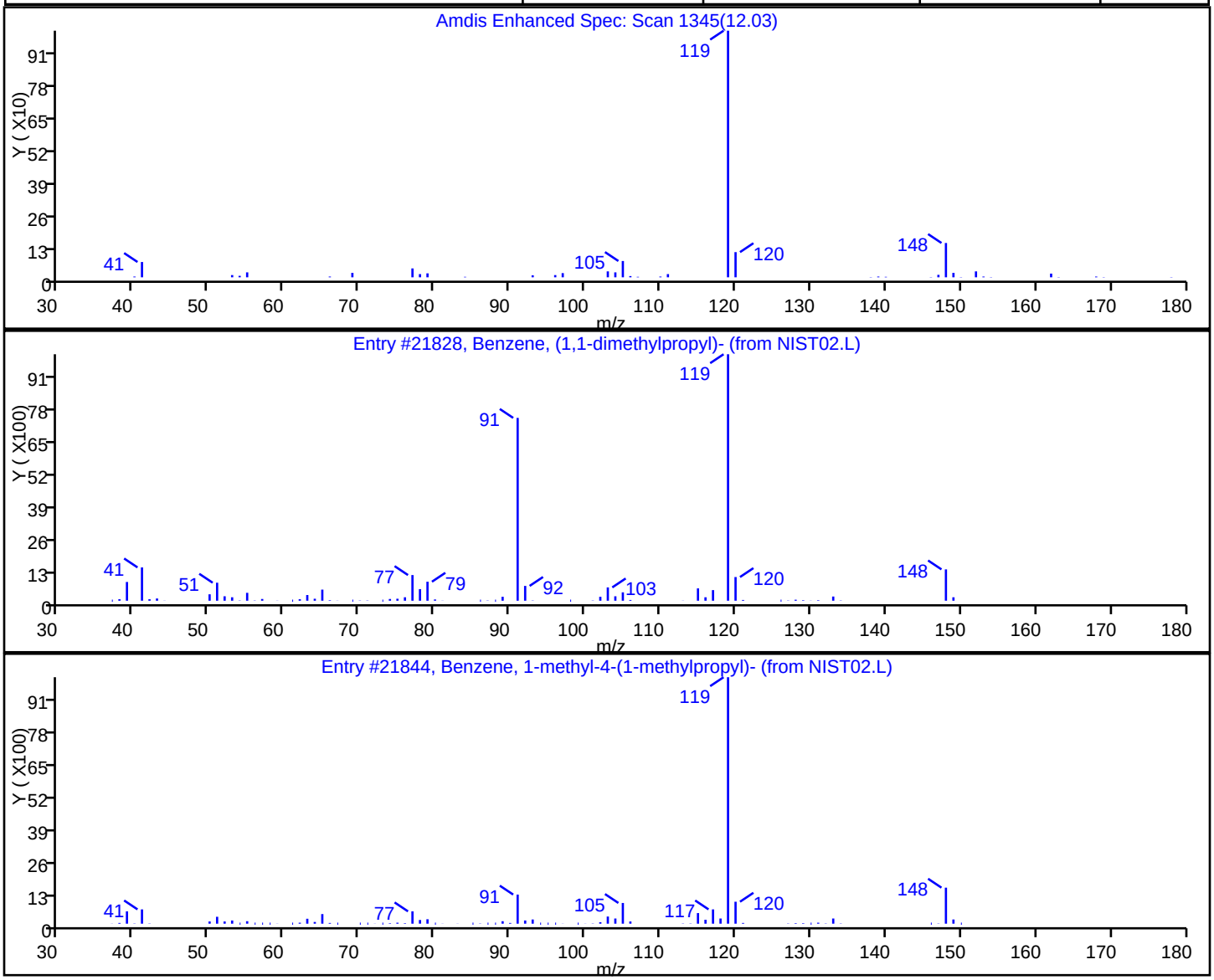
Report Date: 20-Sep-2013 11:00:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60705.D

Injection Date:	20-Sep-2013 02:15:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, (1,1-dimethylpropyl)-	2049-95-8	NIST02.L	21828	86
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	86



Report Date: 20-Sep-2013 11:00:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60705.D

Injection Date: 20-Sep-2013 02:15:30 Limit Group: VOA - 8260B Water and Solid

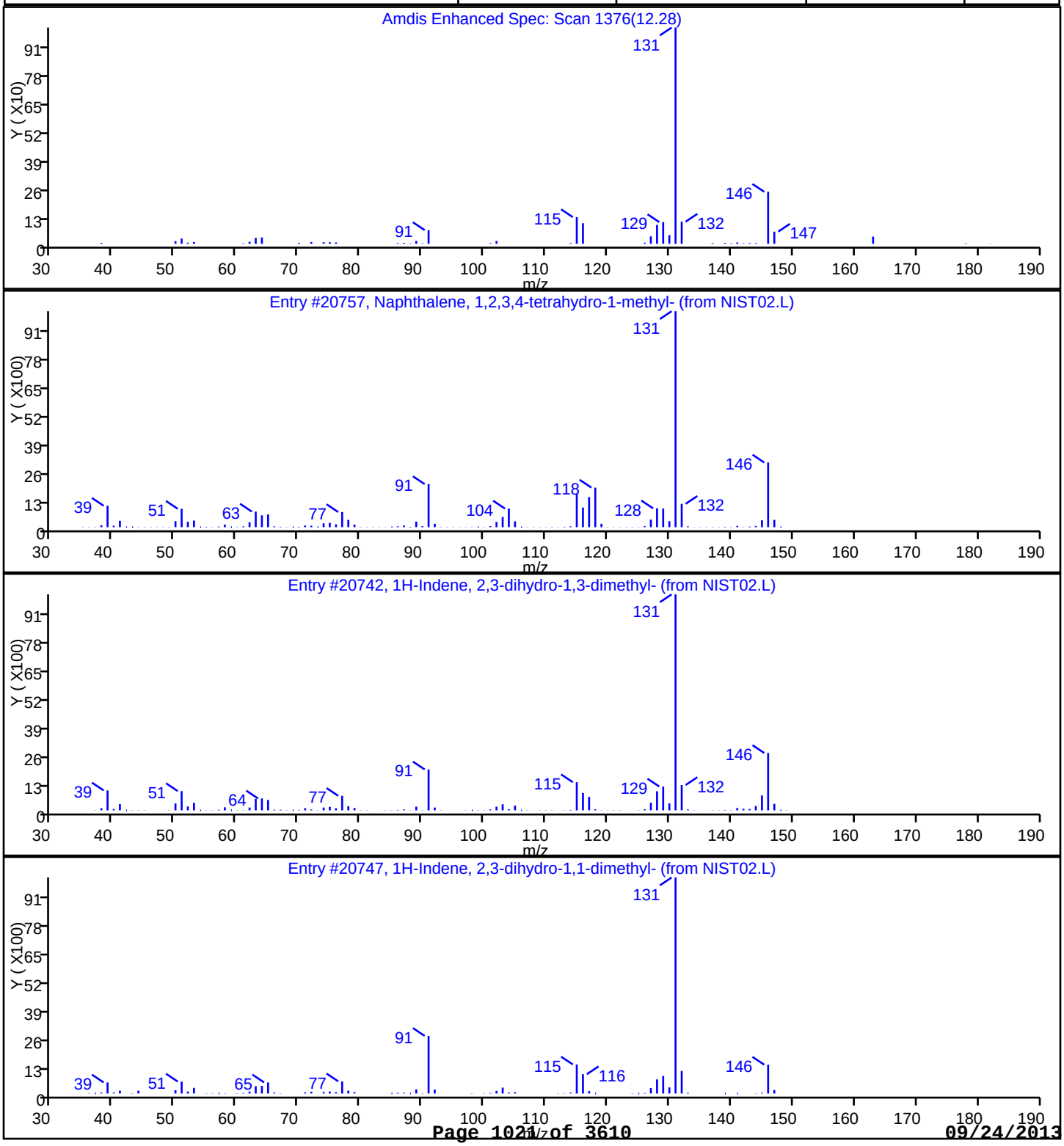
Client ID: PMP-7SE-SI Instrument ID: CVOAMS2

Lims Batch ID: 182277 Lims Sample ID: 10

Operator ID: Purge Vol: 5.000 mL

Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 1,2,3,4-tetrahydro-1-methyl	1559-81-5	NIST02.L	20757	91
1H-Indene, 2,3-dihydro-1,3-dimethyl-	4175-53-5	NIST02.L	20742	91
1H-Indene, 2,3-dihydro-1,1-dimethyl-	4912-92-9	NIST02.L	20747	91



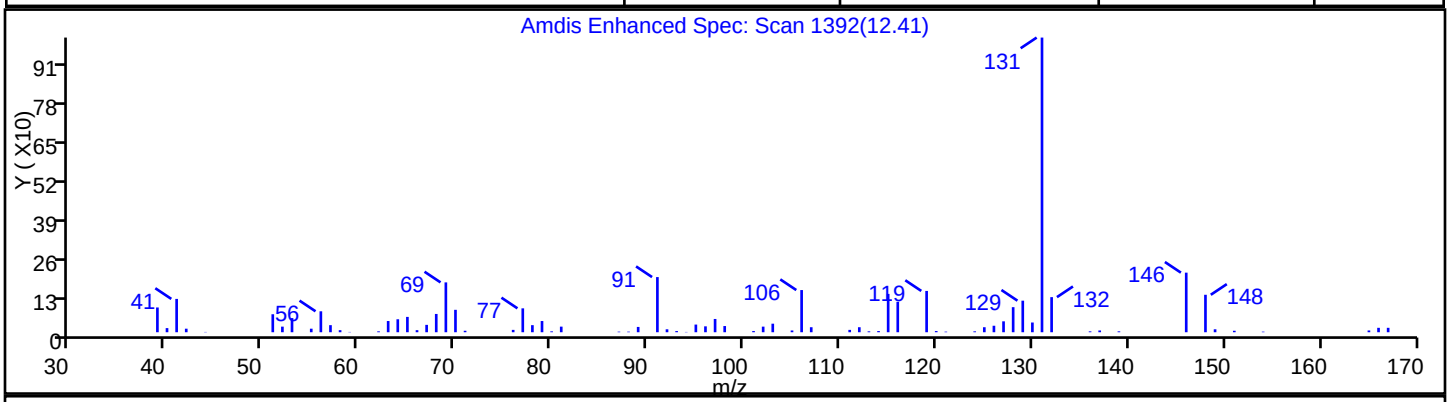
Report Date: 20-Sep-2013 11:00:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

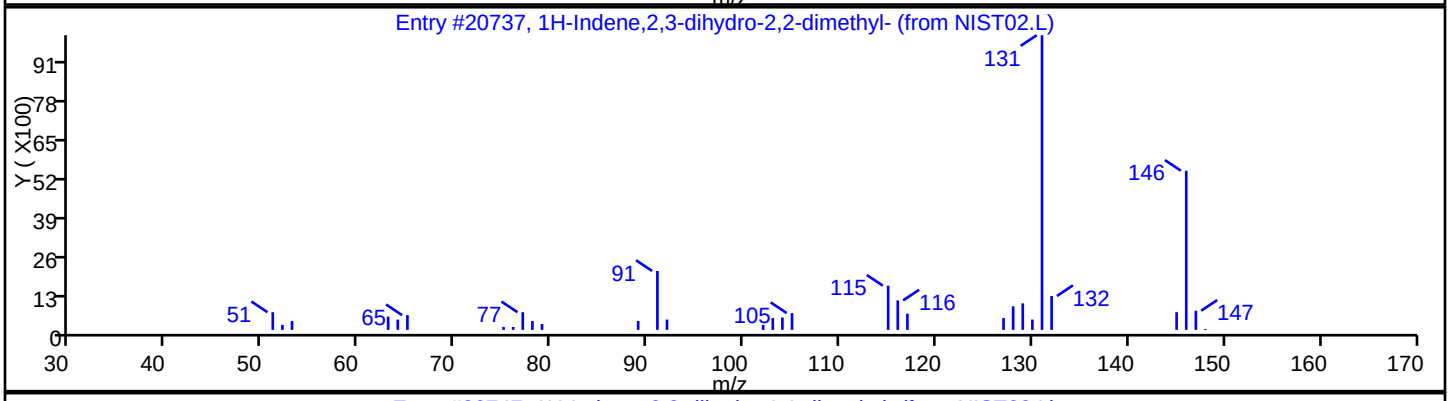
TestAmerica Edison

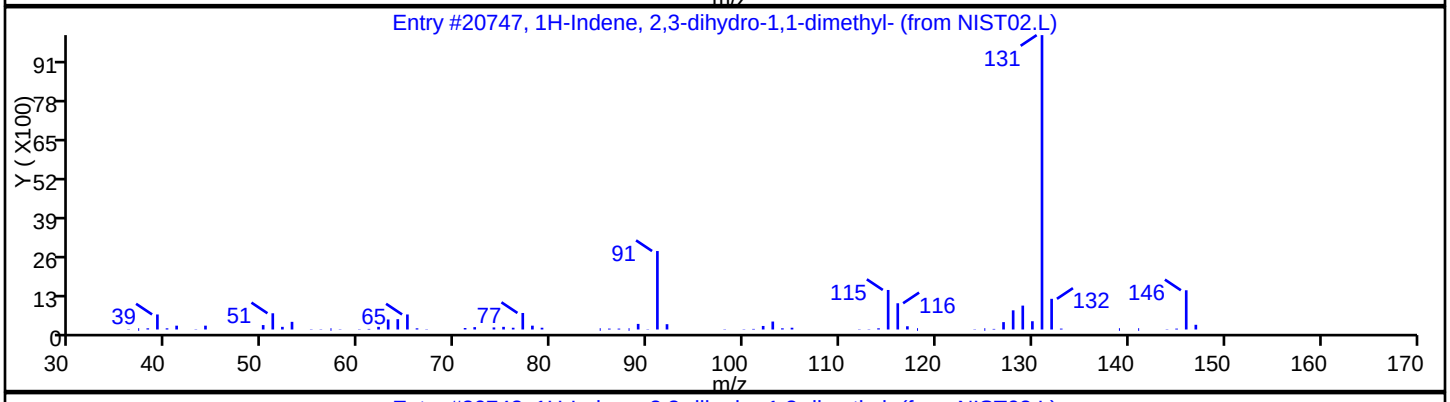
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60705.D

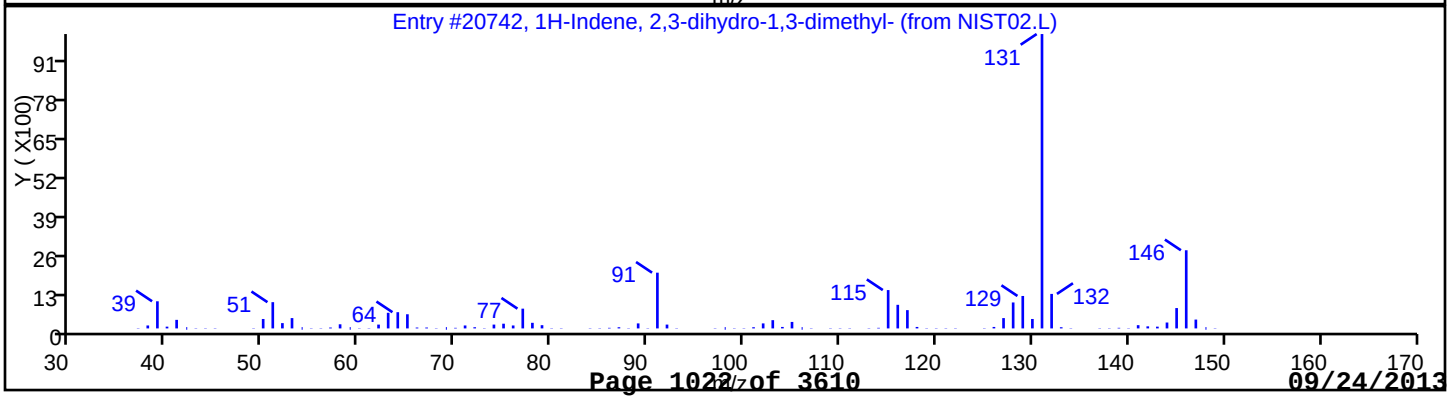
Injection Date:	20-Sep-2013 02:15:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene,2,3-dihydro-2,2-dimethyl-	20836-11-7	NIST02.L	20737	81
1H-Indene, 2,3-dihydro-1,1-dimethyl-	4912-92-9	NIST02.L	20747	81
1H-Indene, 2,3-dihydro-1,3-dimethyl-	4175-53-5	NIST02.L	20742	81









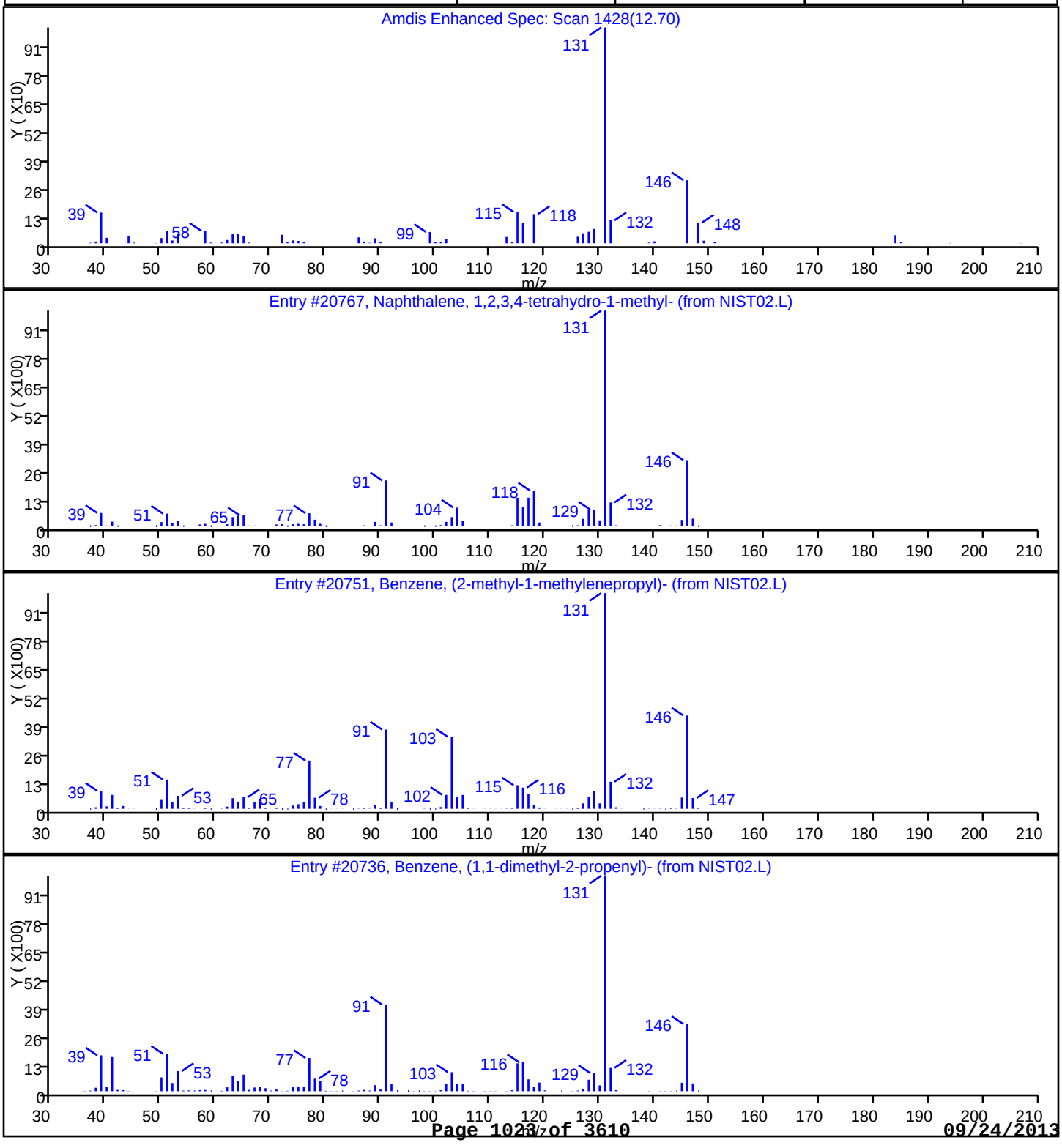
Report Date: 20-Sep-2013 11:00:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60705.D

Injection Date:	20-Sep-2013 02:15:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-7SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 1,2,3,4-tetrahydro-1-methyl	1559-81-5	NIST02.L	20767	90
Benzene, (2-methyl-1-methylenepropyl)-	17498-71-4	NIST02.L	20751	72
Benzene, (1,1-dimethyl-2-propenyl)-	18321-36-3	NIST02.L	20736	72



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-VD | Lab Sample ID: 460-62993-22

Matrix: Solid | Lab File ID: O77930.D

Analysis Method: 8260B | Date Collected: 09/13/2013 10:45

Sample wt/vol: 5.953(g) | Date Analyzed: 09/17/2013 01:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.2 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.14	U	0.88	0.14
74-83-9	Bromomethane	0.38	U	0.88	0.38
75-01-4	Vinyl chloride	0.30	U	0.88	0.30
75-00-3	Chloroethane	0.29	U	0.88	0.29
75-09-2	Methylene Chloride	0.13	U	0.88	0.13
67-64-1	Acetone	7.1	B	4.4	1.5
75-15-0	Carbon disulfide	0.13	U	0.88	0.13
75-69-4	Trichlorofluoromethane	0.14	U	0.88	0.14
75-35-4	1,1-Dichloroethene	0.17	U	0.88	0.17
75-34-3	1,1-Dichloroethane	0.096	U	0.88	0.096
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.88	0.11
156-59-2	cis-1,2-Dichloroethene	0.096	U	0.88	0.096
67-66-3	Chloroform	0.21	U	0.88	0.21
78-93-3	2-Butanone	0.55	U	4.4	0.55
107-06-2	1,2-Dichloroethane	0.16	U	0.88	0.16
71-55-6	1,1,1-Trichloroethane	0.11	U	0.88	0.11
56-23-5	Carbon tetrachloride	0.13	U	0.88	0.13
71-43-2	Benzene	0.13	U	0.88	0.13
75-25-2	Bromoform	0.15	U	0.88	0.15
100-42-5	Styrene	0.25	U	0.88	0.25
100-41-4	Ethylbenzene	0.15	U	0.88	0.15
108-90-7	Chlorobenzene	0.16	U	0.88	0.16
110-82-7	Cyclohexane	0.11	U	0.88	0.11
98-82-8	Isopropylbenzene	0.096	U	0.88	0.096
591-78-6	2-Hexanone	0.11	U	4.4	0.11
1634-04-4	MTBE	0.096	U	0.88	0.096
76-13-1	Freon TF	0.096	U	0.88	0.096
79-20-9	Methyl acetate	0.28	U	0.88	0.28
123-91-1	1,4-Dioxane	11	U	18	11
79-01-6	Trichloroethene	0.11	U	0.88	0.11
108-88-3	Toluene	0.12	U	0.88	0.12
10061-02-6	trans-1,3-Dichloropropene	0.088	U	0.88	0.088
108-10-1	4-Methyl-2-pentanone	0.18	U	4.4	0.18
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.88	0.12
95-50-1	1,2-Dichlorobenzene	0.088	U	0.88	0.088
541-73-1	1,3-Dichlorobenzene	0.14	U	0.88	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-VD | Lab Sample ID: 460-62993-22

Matrix: Solid | Lab File ID: O77930.D

Analysis Method: 8260B | Date Collected: 09/13/2013 10:45

Sample wt/vol: 5.953(g) | Date Analyzed: 09/17/2013 01:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.2 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.42	J	0.88	0.096
120-82-1	1,2,4-Trichlorobenzene	0.48	J	0.88	0.17
87-61-6	1,2,3-Trichlorobenzene	0.44	J	0.88	0.14
78-87-5	1,2-Dichloropropane	0.13	U	0.88	0.13
108-87-2	Methylcyclohexane	0.088	U	0.88	0.088
127-18-4	Tetrachloroethene	0.11	U	0.88	0.11
1330-20-7	Xylenes, Total	0.59	U	2.6	0.59
96-12-8	1,2-Dibromo-3-Chloropropane	0.39	U	0.88	0.39
79-34-5	1,1,2,2-Tetrachloroethane	0.079	U	0.88	0.079
79-00-5	1,1,2-Trichloroethane	0.12	U	0.88	0.12
124-48-1	Dibromochloromethane	0.088	U	0.88	0.088
106-93-4	1,2-Dibromoethane	0.13	U	0.88	0.13
75-71-8	Dichlorodifluoromethane	0.19	U	0.88	0.19
74-97-5	Bromochloromethane	0.096	U	0.88	0.096
75-27-4	Bromodichloromethane	0.28	U	0.88	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-130
2037-26-5	Toluene-d8 (Surr)	110		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	102		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-VD Lab Sample ID: 460-62993-22

Matrix: Solid Lab File ID: O77930.D

Analysis Method: 8260B Date Collected: 09/13/2013 10:45

Sample wt/vol: 5.953(g) Date Analyzed: 09/17/2013 01:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.2 Level: (low/med) Low

Analysis Batch No.: 181583 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77930.D		
Lims ID:	460-62993-A-22-A	Client ID:	PMP-10SE-VD
Inject. Date:	17-Sep-2013 01:14:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-22-A		
Misc. Info.:	460-0004675-023		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	22
Lims Batch ID:	181583	Lims Sample ID:	23
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m		
Last Update:	20-Sep-2013 13:57:26	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK016		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 11:21:38

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.639	1.625	0.014	80	6724	8.12	
* 151 TBA-d9 (IS)	65	1.912	1.897	0.015	91	281895	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.079	0.007	96	91183	50.9	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.366	3.358	0.008	87	92020	58.2	
* 59 Fluorobenzene	96	3.659	3.652	0.007	100	388152	50.0	
* 150 1,4-Dioxane-d8	96	4.354	4.354	0.0	85	24158	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	399160	54.9	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	362871	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	94	140231	49.4	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	206701	50.0	
117 1,4-Dichlorobenzene	146	10.908	10.901	0.007	73	3415	0.4757	
124 1,2,4-Trichlorobenzene	180	13.229	13.229	0.0	73	3091	0.5470	
128 1,2,3-Trichlorobenzene	180	13.645	13.645	0.001	48	2480	0.4998	

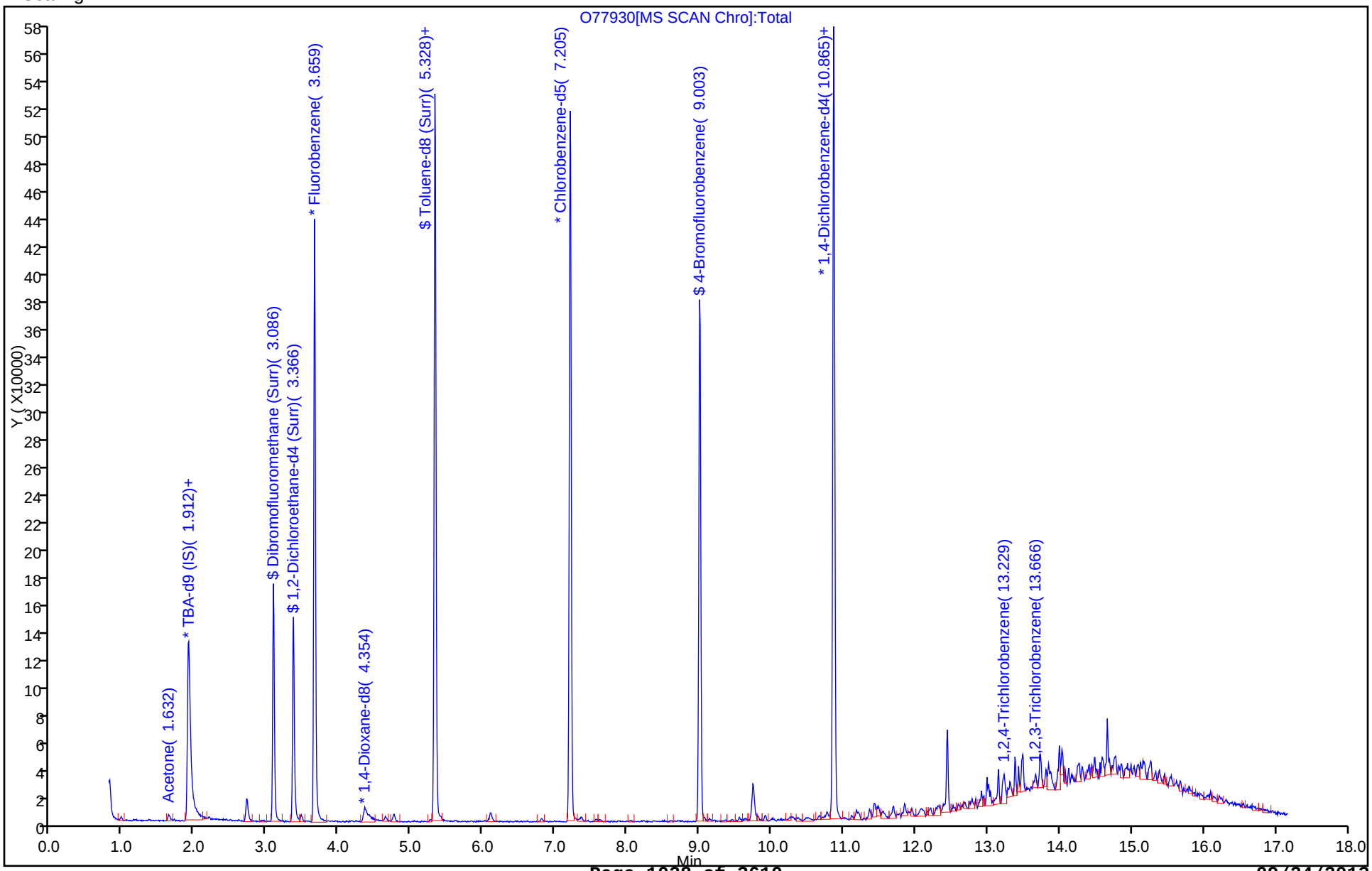
Report Date: 20-Sep-2013 13:57:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77930.D

Injection Date:	17-Sep-2013 01:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	23
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:

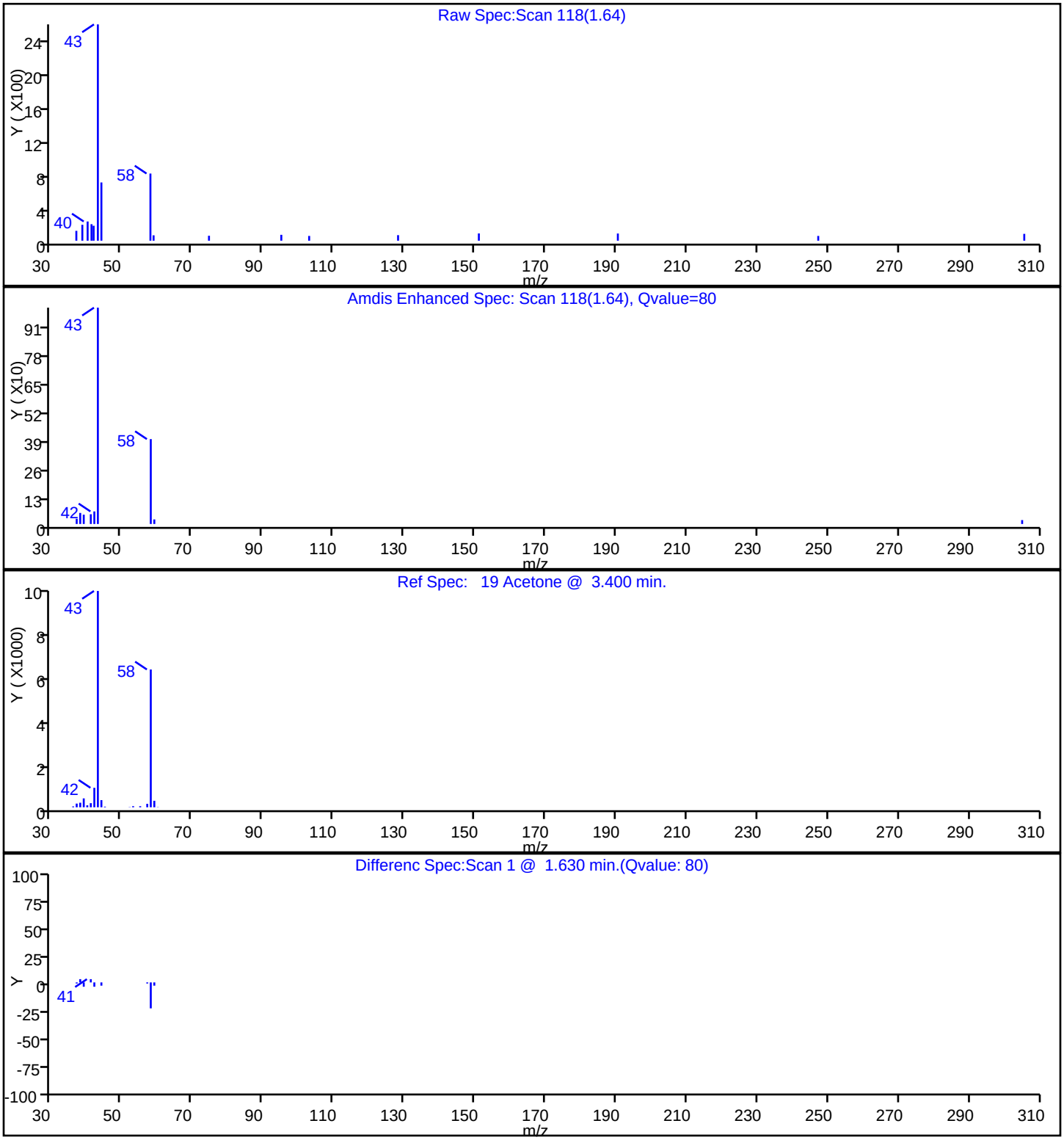


Report Date: 20-Sep-2013 13:57:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77930.D		
Injection Date:	17-Sep-2013 01:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	23
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



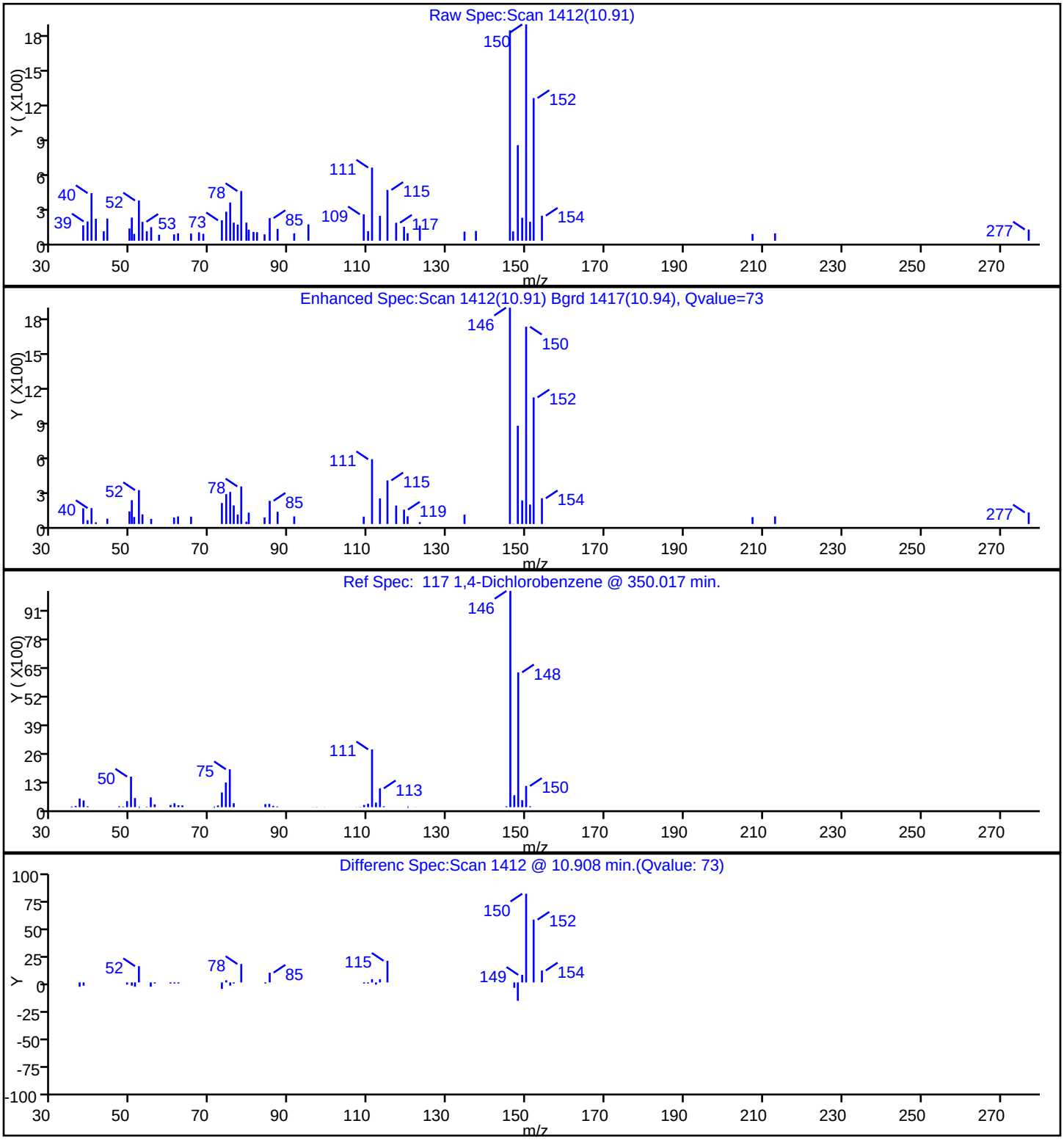
Report Date: 20-Sep-2013 13:57:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77930.D

Injection Date:	17-Sep-2013 01:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	23
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



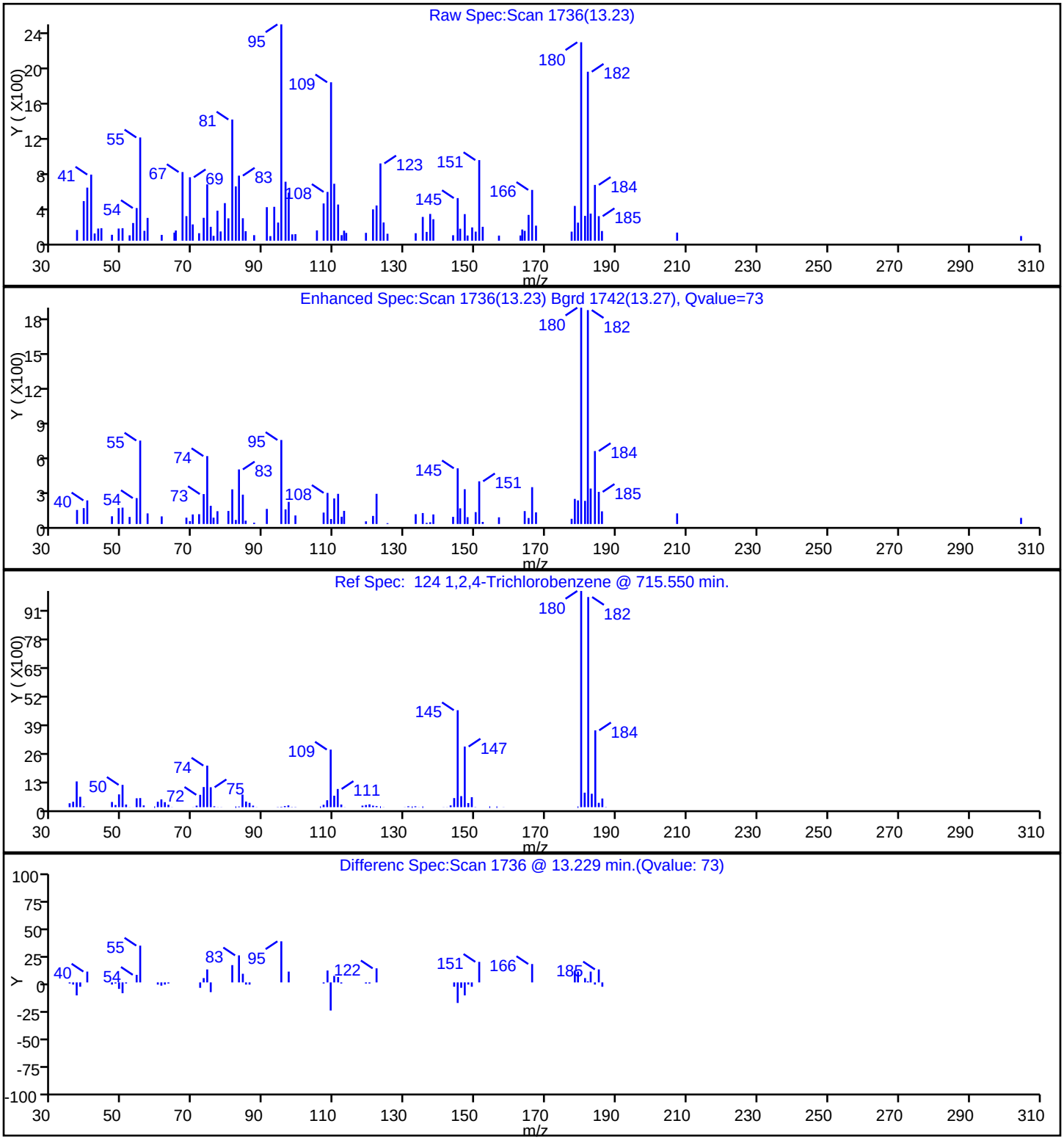
Report Date: 20-Sep-2013 13:57:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77930.D

Injection Date:	17-Sep-2013 01:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	23
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



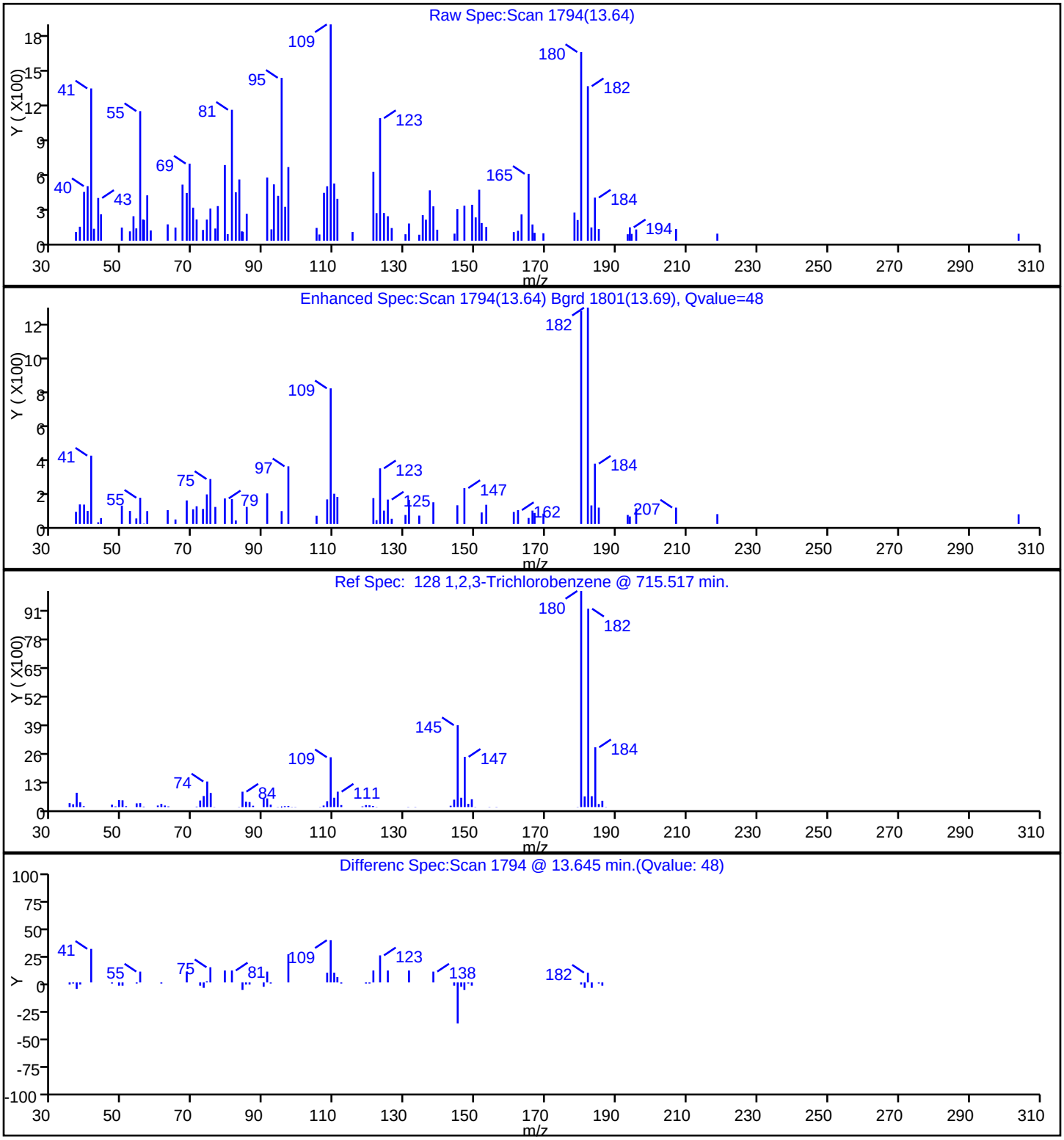
Report Date: 20-Sep-2013 13:57:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77930.D

Injection Date:	17-Sep-2013 01:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	23
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

128 1,2,3-Trichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-WT | Lab Sample ID: 460-62993-23

Matrix: Solid | Lab File ID: O77933.D

Analysis Method: 8260B | Date Collected: 09/13/2013 10:50

Sample wt/vol: 6.068(g) | Date Analyzed: 09/17/2013 02:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.8 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.93	0.15
74-83-9	Bromomethane	0.40	U	0.93	0.40
75-01-4	Vinyl chloride	0.32	U	0.93	0.32
75-00-3	Chloroethane	0.31	U	0.93	0.31
75-09-2	Methylene Chloride	0.14	U	0.93	0.14
67-64-1	Acetone	58	B	4.7	1.6
75-15-0	Carbon disulfide	0.14	U	0.93	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.93	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.93	0.18
75-34-3	1,1-Dichloroethane	0.10	U	0.93	0.10
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.93	0.12
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.93	0.10
67-66-3	Chloroform	14		0.93	0.22
78-93-3	2-Butanone	5.8		4.7	0.59
107-06-2	1,2-Dichloroethane	0.17	U	0.93	0.17
71-55-6	1,1,1-Trichloroethane	0.12	U	0.93	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.93	0.14
71-43-2	Benzene	0.14	U	0.93	0.14
75-25-2	Bromoform	0.16	U	0.93	0.16
100-42-5	Styrene	0.26	U	0.93	0.26
100-41-4	Ethylbenzene	0.16	U	0.93	0.16
108-90-7	Chlorobenzene	0.17	U	0.93	0.17
110-82-7	Cyclohexane	0.12	U	0.93	0.12
98-82-8	Isopropylbenzene	0.10	U	0.93	0.10
591-78-6	2-Hexanone	0.12	U	4.7	0.12
1634-04-4	MTBE	0.10	U	0.93	0.10
76-13-1	Freon TF	0.10	U	0.93	0.10
79-20-9	Methyl acetate	0.30	U	0.93	0.30
123-91-1	1,4-Dioxane	12	U	19	12
79-01-6	Trichloroethene	0.11	U	0.93	0.11
108-88-3	Toluene	0.13	U	0.93	0.13
10061-02-6	trans-1,3-Dichloropropene	0.093	U	0.93	0.093
108-10-1	4-Methyl-2-pentanone	0.19	U	4.7	0.19
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.93	0.13
95-50-1	1,2-Dichlorobenzene	0.093	U	0.93	0.093
541-73-1	1,3-Dichlorobenzene	0.15	U	0.93	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-WT | Lab Sample ID: 460-62993-23

Matrix: Solid | Lab File ID: O77933.D

Analysis Method: 8260B | Date Collected: 09/13/2013 10:50

Sample wt/vol: 6.068(g) | Date Analyzed: 09/17/2013 02:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.8 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.55	J	0.93	0.10
120-82-1	1,2,4-Trichlorobenzene	31		0.93	0.18
87-61-6	1,2,3-Trichlorobenzene	18		0.93	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.93	0.14
108-87-2	Methylcyclohexane	0.093	U	0.93	0.093
127-18-4	Tetrachloroethene	10		0.93	0.11
1330-20-7	Xylenes, Total	7.7		2.8	0.63
96-12-8	1,2-Dibromo-3-Chloropropane	0.41	U	0.93	0.41
79-34-5	1,1,2,2-Tetrachloroethane	0.084	U	0.93	0.084
79-00-5	1,1,2-Trichloroethane	0.13	U	0.93	0.13
124-48-1	Dibromochloromethane	0.093	U	0.93	0.093
106-93-4	1,2-Dibromoethane	0.14	U	0.93	0.14
75-71-8	Dichlorodifluoromethane	0.21	U	0.93	0.21
74-97-5	Bromochloromethane	0.10	U	0.93	0.10
75-27-4	Bromodichloromethane	0.30	U	0.93	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		70-130
2037-26-5	Toluene-d8 (Surr)	109		70-130
460-00-4	Bromofluorobenzene	93		70-130
1868-53-7	Dibromofluoromethane (Surr)	103		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-WT Lab Sample ID: 460-62993-23

Matrix: Solid Lab File ID: O77933.D

Analysis Method: 8260B Date Collected: 09/13/2013 10:50

Sample wt/vol: 6.068(g) Date Analyzed: 09/17/2013 02:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.8 Level: (low/med) Low

Analysis Batch No.: 181583 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 11410

CAS NO.	COMPOUND NAME	RT	RESULT	Q
540-84-1	Pentane, 2,2,4-trimethyl-	3.51	2700	J N
565-75-3	Pentane, 2,3,4-trimethyl-	4.69	3200	J N
560-21-4	Pentane, 2,3,3-trimethyl-	4.81	2300	J N
16747-26-5	Hexane, 2,2,4-trimethyl-	5.29	1100	J N
55282-34-3	Cyclohexane, 1,3,5-trimethyl-2-octadecyl	11.71	350	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	12.46	470	J N
17312-72-0	4,4-Dipropylheptane	12.89	340	J N
1000111-72-3	cis,trans-1,6-Dimethylspiro[4.5]decane	13.04	360	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	13.41	290	J N
	Unknown	13.48	300	J

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77933.D		
Lims ID:	460-62993-A-23-A	Client ID:	PMP-10SE-WT
Inject. Date:	17-Sep-2013 02:29:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-23-A		
Misc. Info.:	460-0004675-026		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	25
Lims Batch ID:	181583	Lims Sample ID:	26
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m		
Last Update:	20-Sep-2013 14:00:55	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK016		
First Level Reviewer: tupayachia		Date:	20-Sep-2013 11:03:10

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.632	1.625	0.007	87	29972	61.8	
* 151 TBA-d9 (IS)	65	1.912	1.897	0.015	91	268448	1000.0	
43 2-Butanone (MEK)	72	2.750	2.735	0.015	91	2302	6.17	
47 Chloroform	83	2.965	2.950	0.015	95	67107	15.2	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.079	0.007	97	86964	51.3	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.366	3.358	0.008	87	88033	58.8	
* 59 Fluorobenzene	96	3.659	3.652	0.007	99	367622	50.0	
* 150 1,4-Dioxane-d8	96	4.354	4.354	0.0	53	24861	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.343	5.328	0.015	99	372610	54.7	
80 Tetrachloroethene	166	6.080	6.066	0.014	91	36768	11.2	
* 87 Chlorobenzene-d5	117	7.212	7.205	0.007	76	340544	50.0	
92 o-Xylene	106	8.208	8.201	0.007	93	40256	8.21	
$ 99 4-Bromofluorobenzene	174	9.010	9.003	0.007	91	123909	46.5	
* 116 1,4-Dichlorobenzene-d4	152	10.873	10.865	0.008	90	164416	50.0	
117 1,4-Dichlorobenzene	146	10.916	10.901	0.015	10	3359	0.5883	
124 1,2,4-Trichlorobenzene	180	13.243	13.229	0.014	80	149361	33.2	
128 1,2,3-Trichlorobenzene	180	13.652	13.645	0.008	9	77103	19.5	
S 131 Xylenes, Total	100				0		8.21	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77933.D		
Lims ID:	460-62993-A-23-A	Client ID:	PMP-10SE-WT
Inject. Date:	17-Sep-2013 02:29:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-23-A		
Misc. Info.:	460-0004675-026		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	25
Lims Batch ID:	181583	Lims Sample ID:	26
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m		
Last Update:	20-Sep-2013 14:00:55	Calib Date:	06-Aug-2013 22:09:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	40		
Process Host:	XAWRK016		
First Level Reviewer: tupayachia		Date:	20-Sep-2013 11:03:10

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	540-84-1 Pentane, 2,2,4-trimethyl-					
3.509	52652438	2929.2	59	78	7461	
	565-75-3 Pentane, 2,3,4-trimethyl-					
4.691	60987652	3392.9	59	91	7465	
	560-21-4 Pentane, 2,3,3-trimethyl-					
4.805	44397067	2469.9	59	83	7462	
	16747-26-5 Hexane, 2,2,4-trimethyl-					
5.293	22067140	1227.7	59	83	12299	
	55282-34-3 Cyclohexane, 1,3,5-trimethyl-2-octadecyl					
11.711	11024193	373.0	87	83	151041	
	2958-76-1 Naphthalene, decahydro-2-methyl-					
12.463	14783312	500.3	87	91	24328	
	17312-72-0 4,4-Dipropylheptane					
12.885	10615049	359.2	87	78	45558	
	1000111-72-3 cis,trans-1,6-Dimethylspiro[4.5]decane					
13.036	11364489	384.6	87	89	33341	
	54676-39-0 Cyclohexane, 2-butyl-1,1,3-trimethyl-					
13.408	9163445	310.1	87	86	44160	
	Unknown					
13.480	9604954	325.0	87	0	0	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 59 Fluorobenzene	3.659	898751	50.0
* 87 Chlorobenzene-d5	7.212	1477576	50.0

QC Flag Legend

Processing Flags

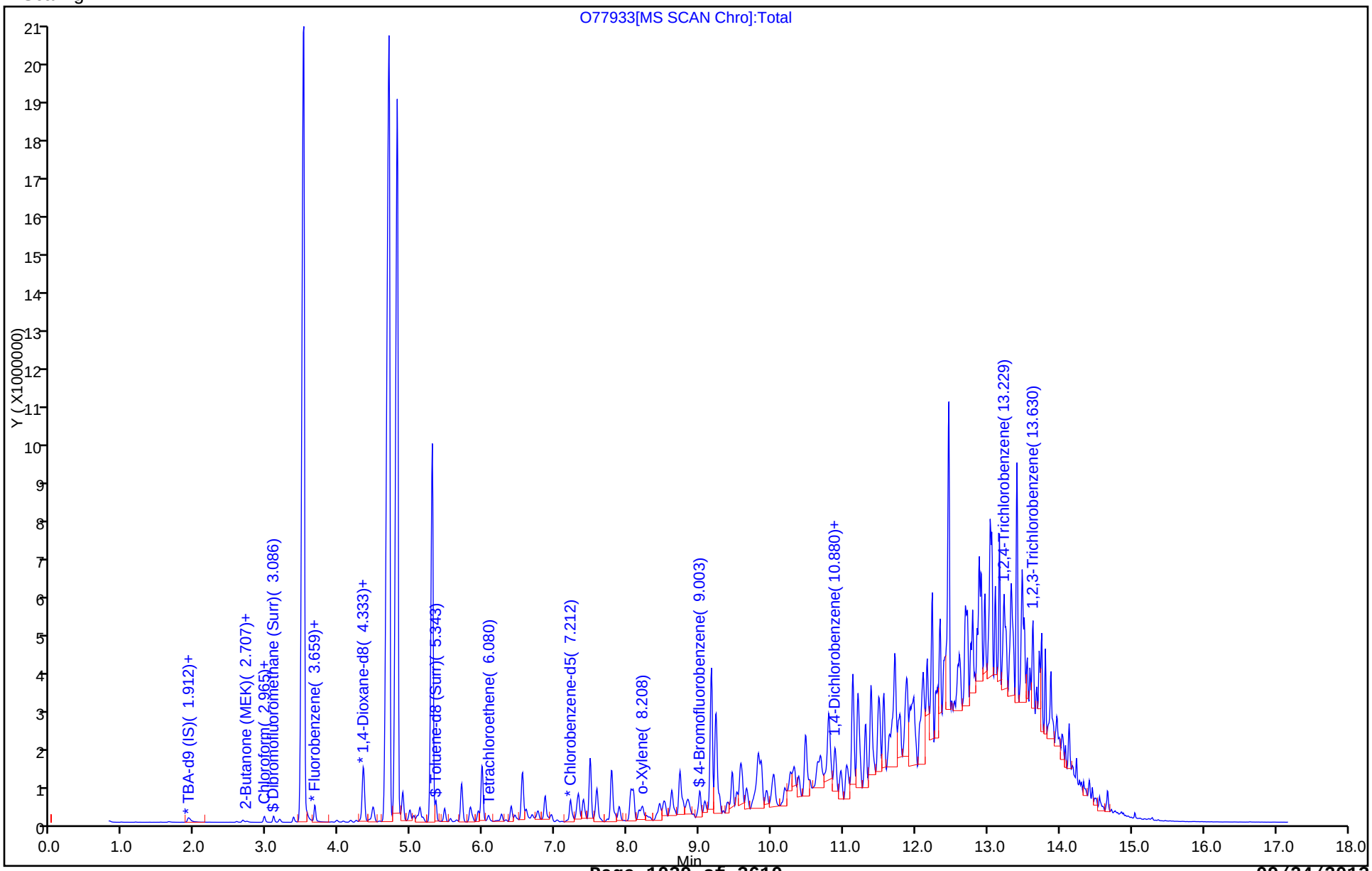
Report Date: 20-Sep-2013 14:00:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77933.D

Injection Date:	17-Sep-2013 02:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



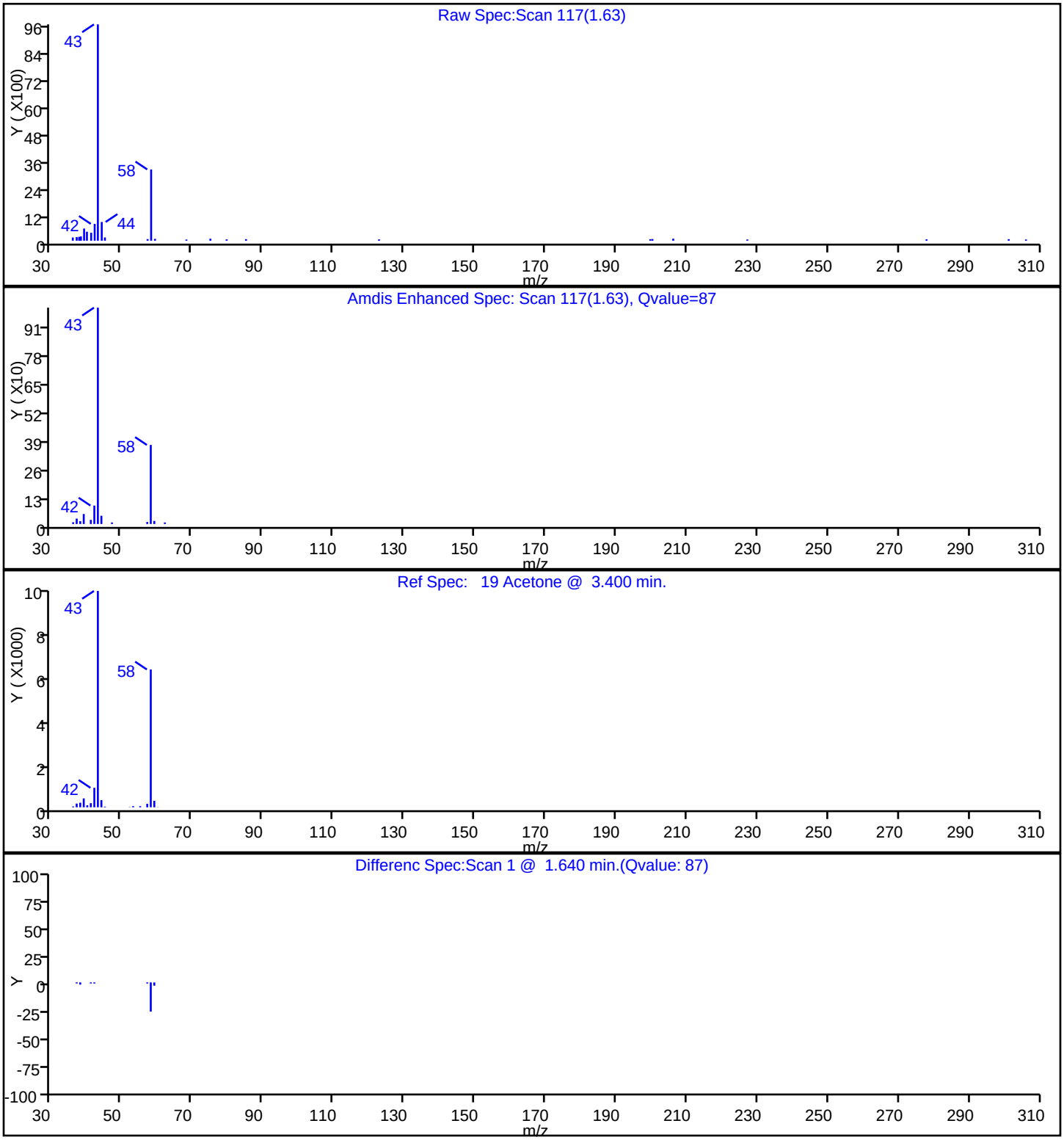
Report Date: 20-Sep-2013 14:00:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77933.D

Injection Date:	17-Sep-2013 02:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



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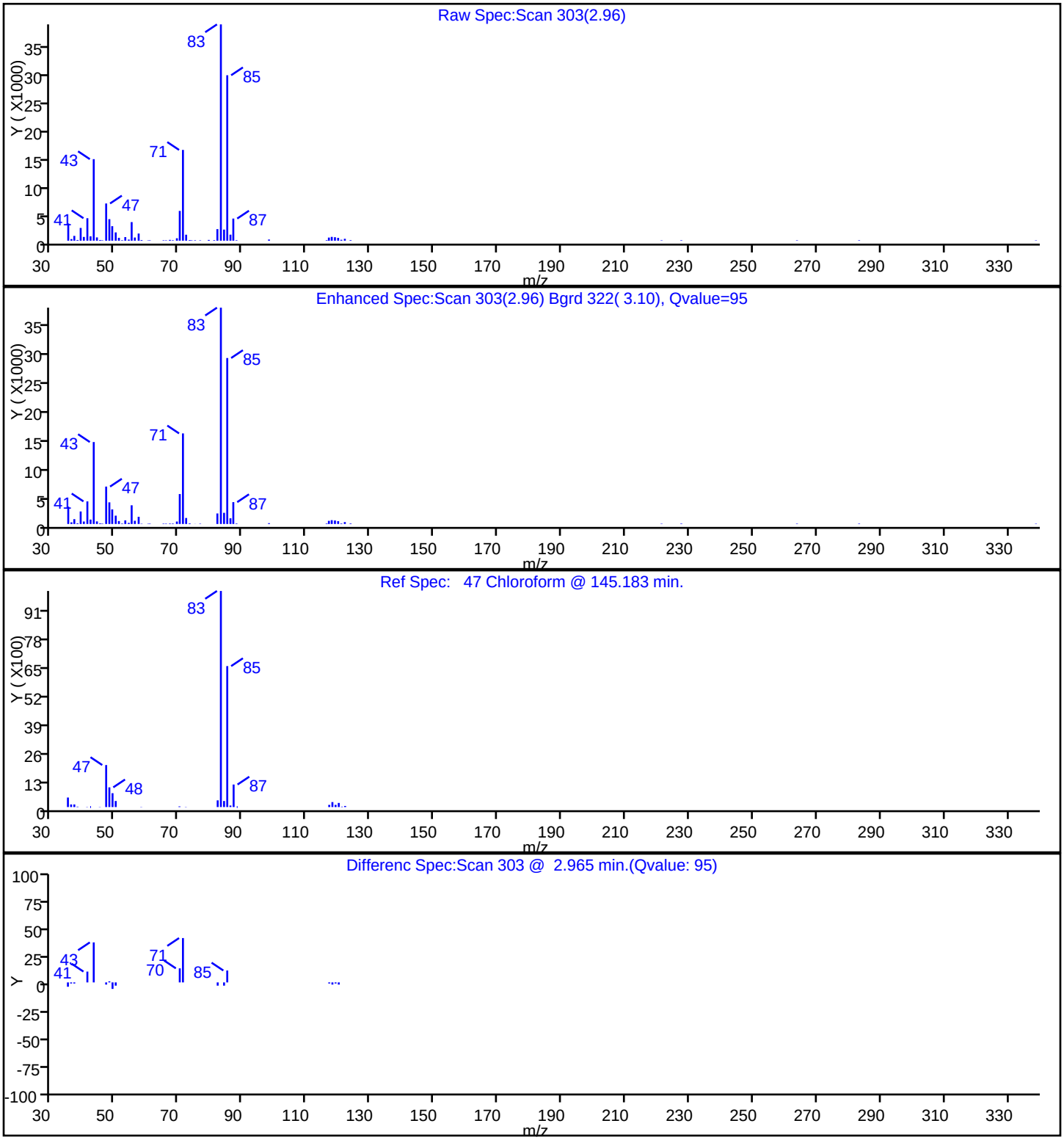
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77933.D

Injection Date:	17-Sep-2013 02:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



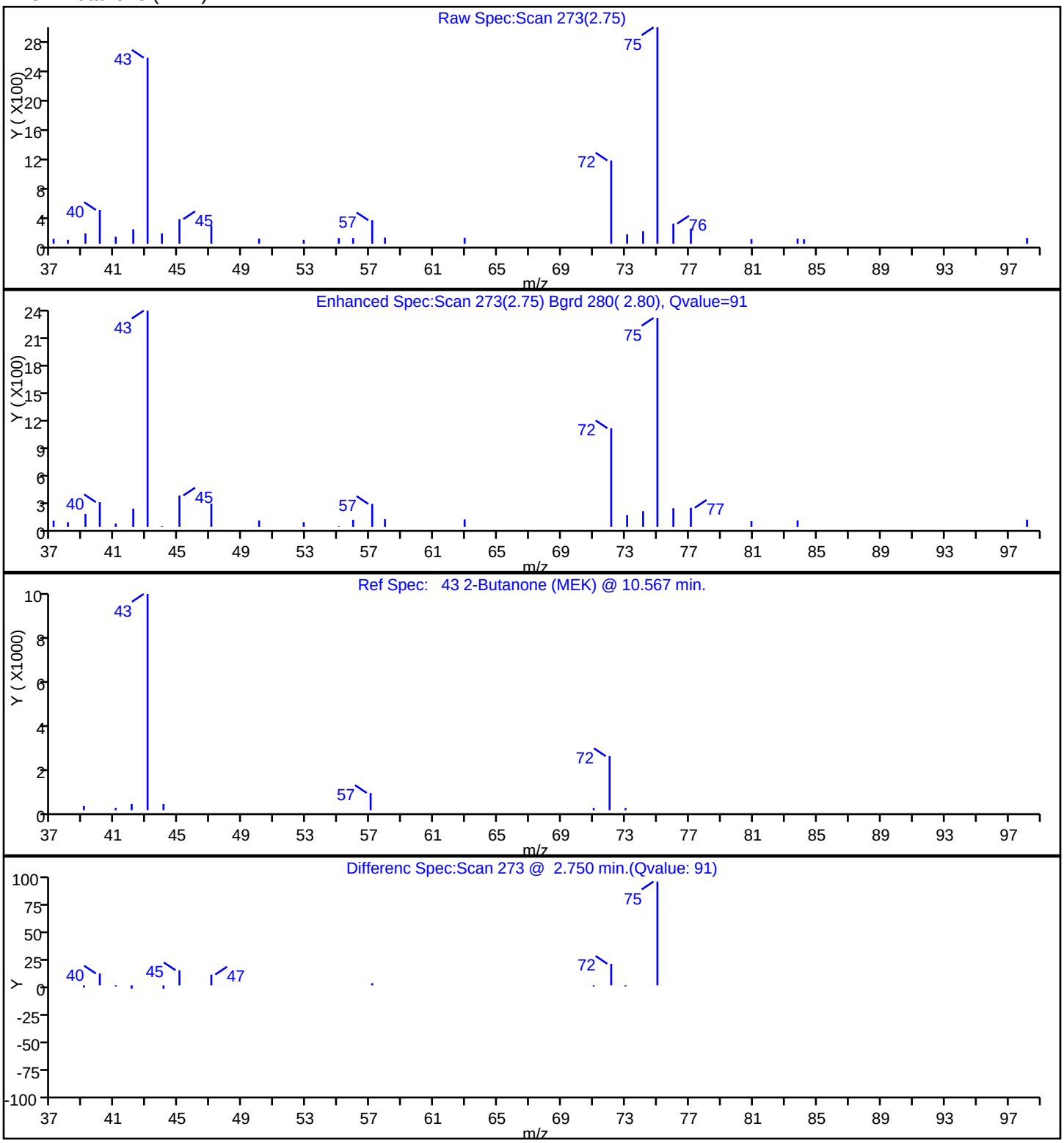
Report Date: 20-Sep-2013 14:00:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77933.D

Injection Date:	17-Sep-2013 02:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

43 2-Butanone (MEK)



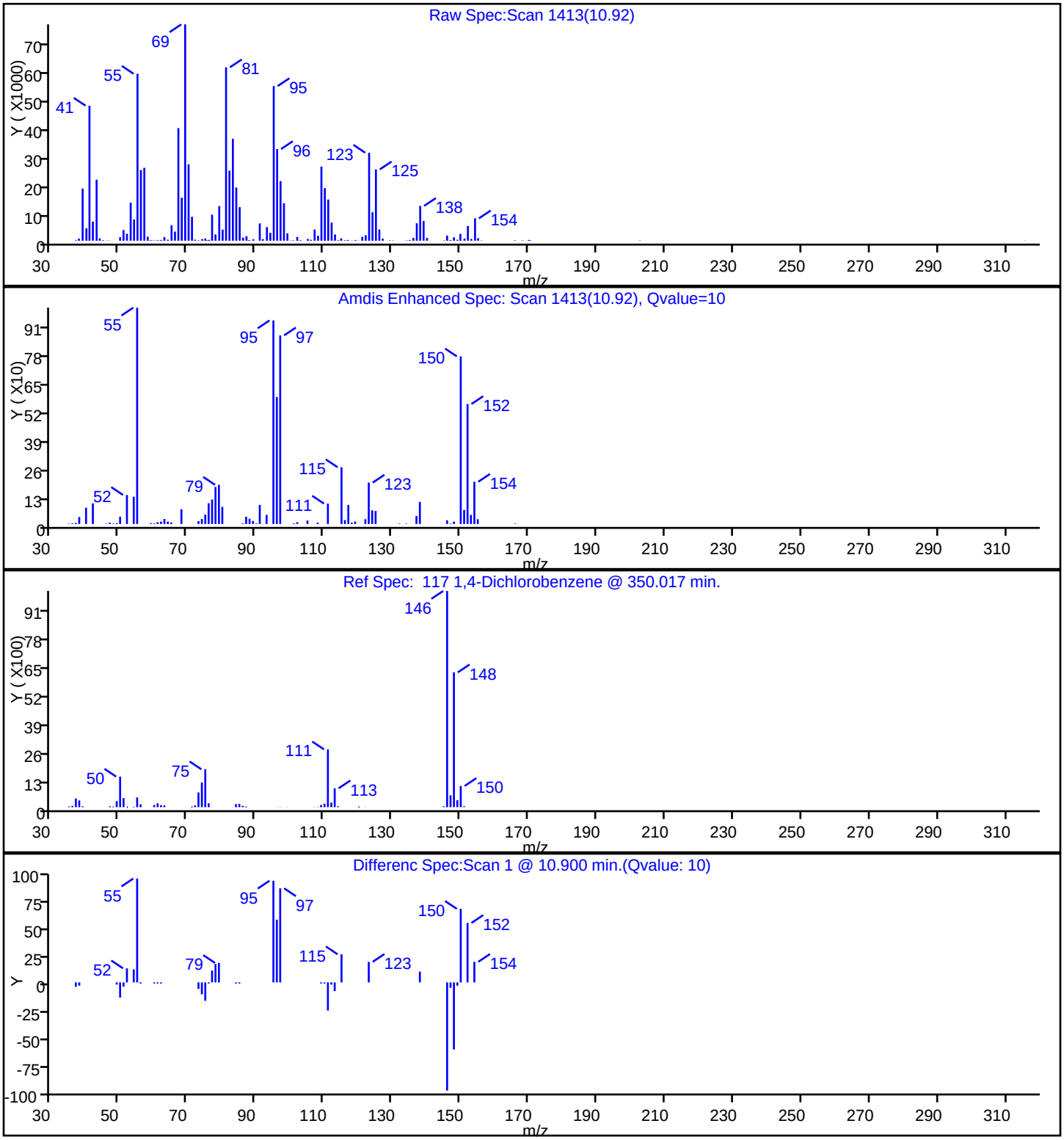
Report Date: 20-Sep-2013 14:00:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77933.D

Injection Date:	17-Sep-2013 02:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



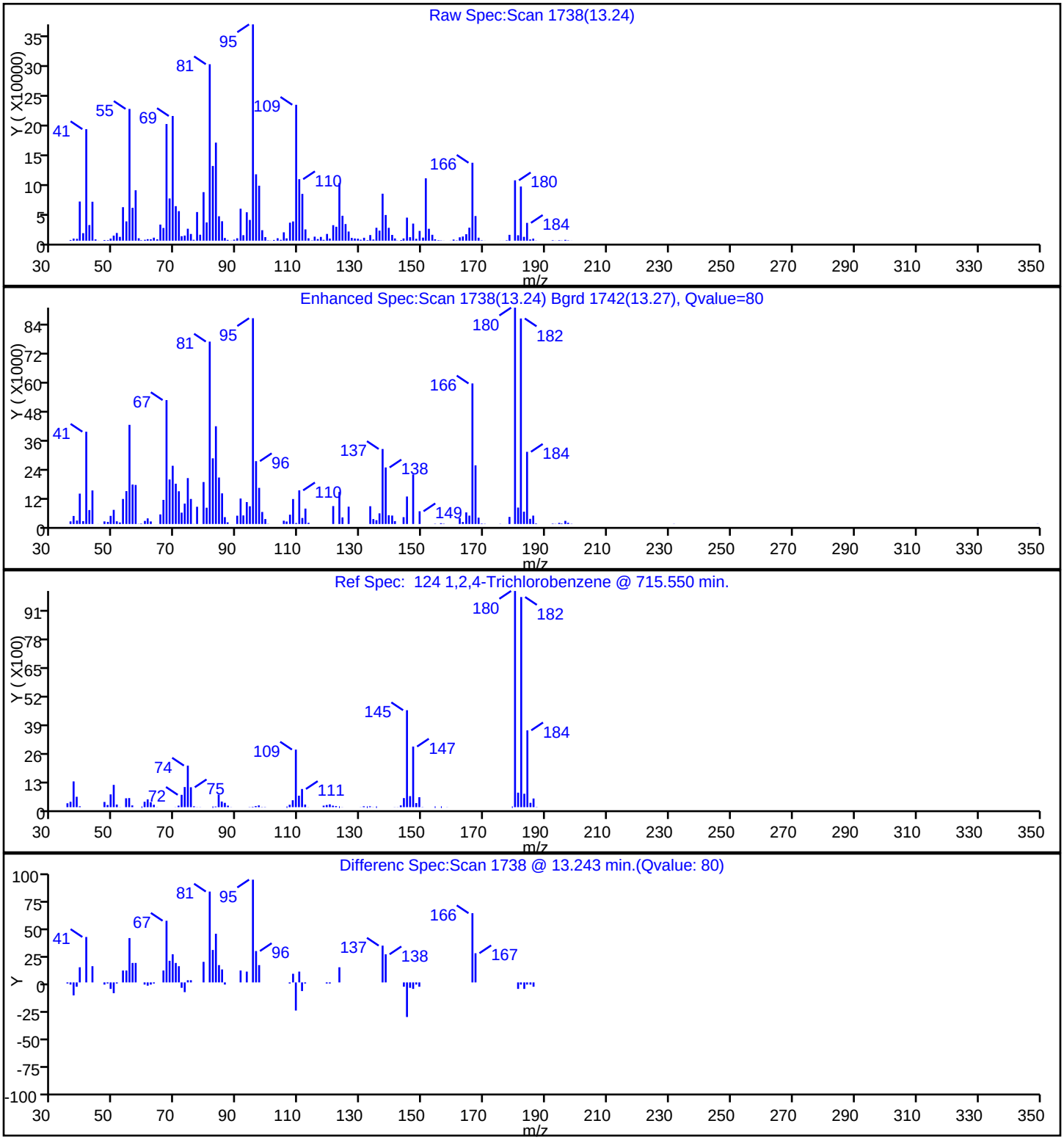
Report Date: 20-Sep-2013 14:00:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77933.D

Injection Date:	17-Sep-2013 02:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



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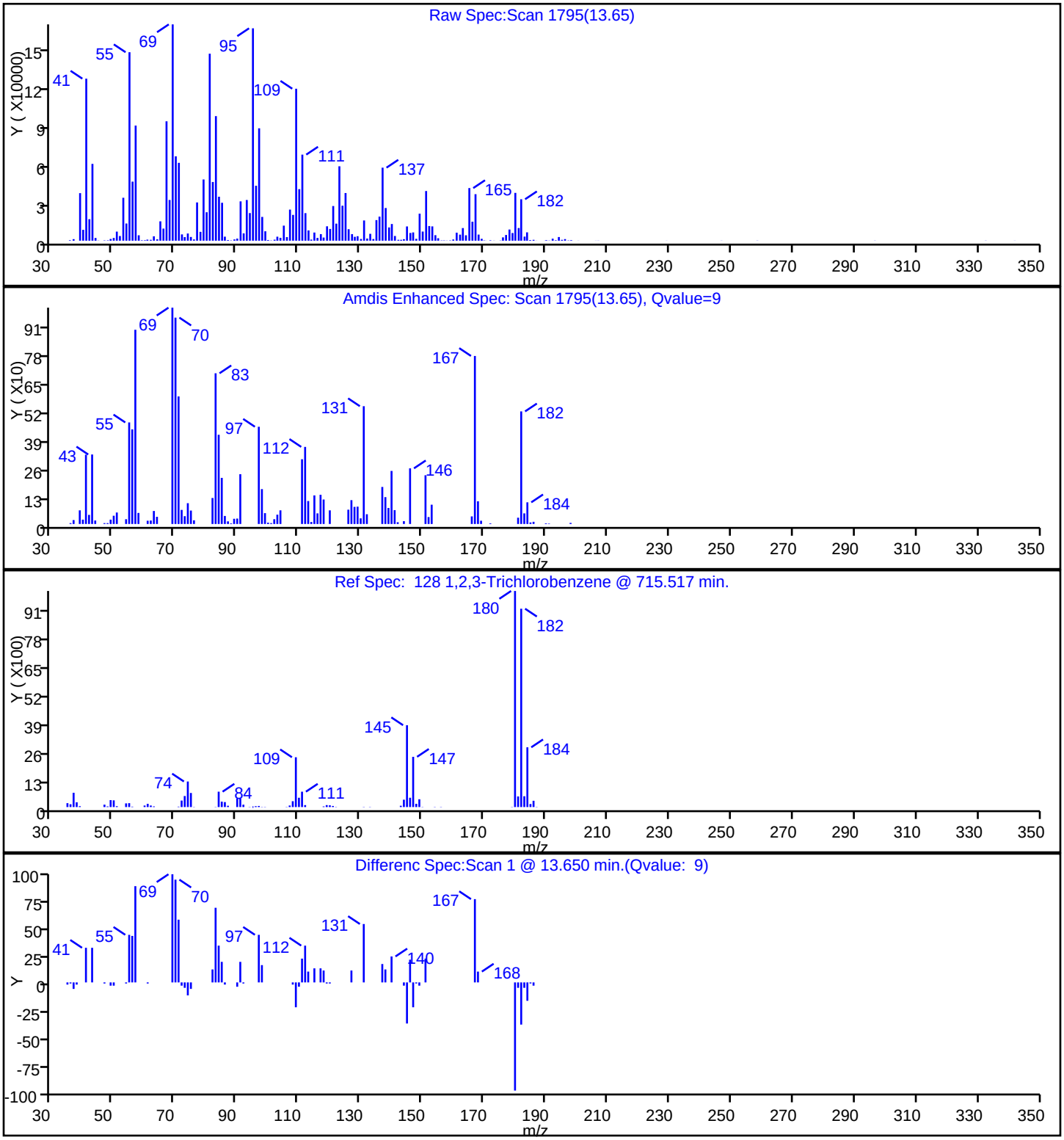
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77933.D

Injection Date:	17-Sep-2013 02:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

128 1,2,3-Trichlorobenzene



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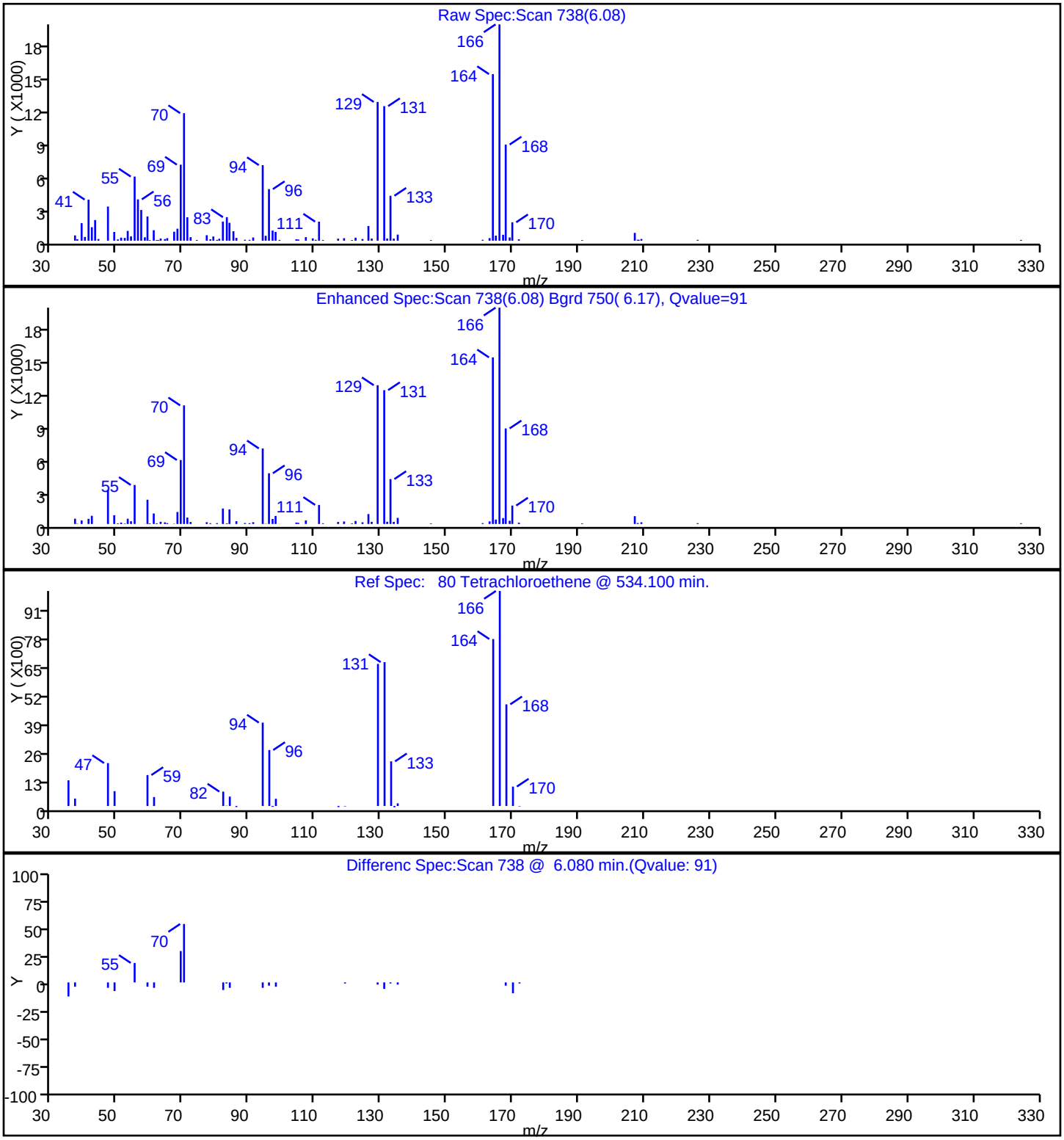
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77933.D

Injection Date:	17-Sep-2013 02:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene



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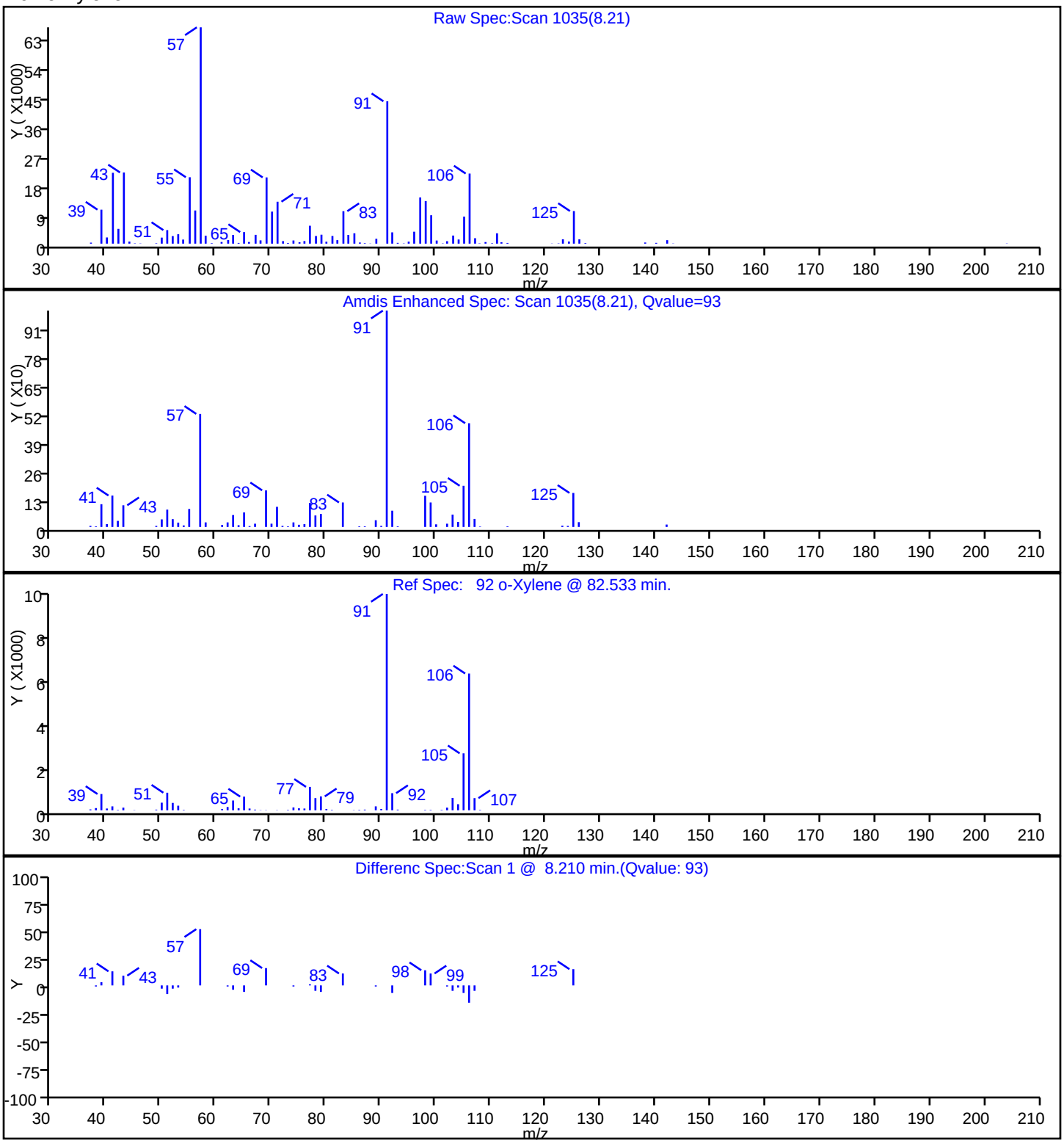
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77933.D

Injection Date:	17-Sep-2013 02:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

92 o-Xylene



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TestAmerica Edison

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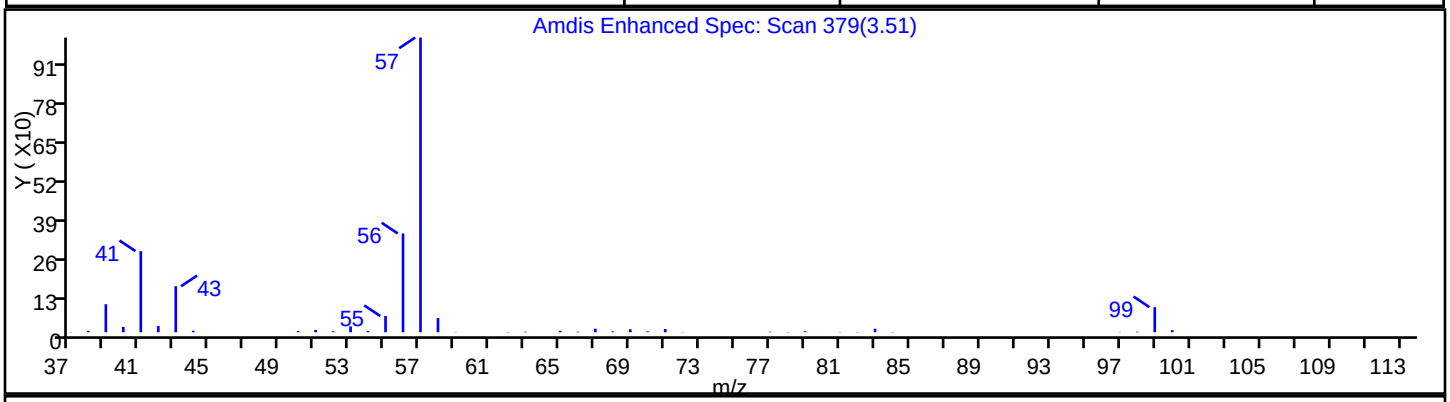
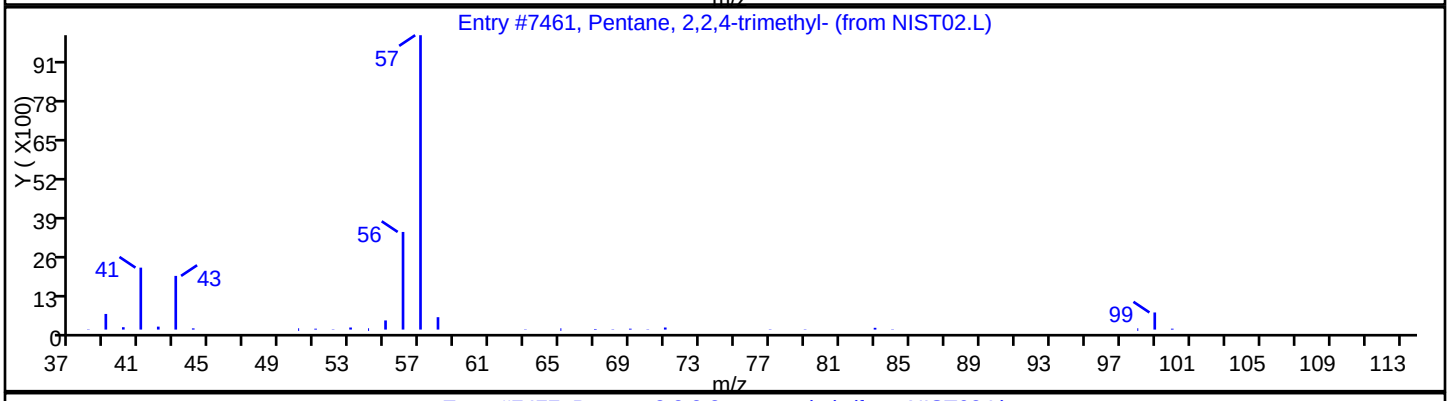
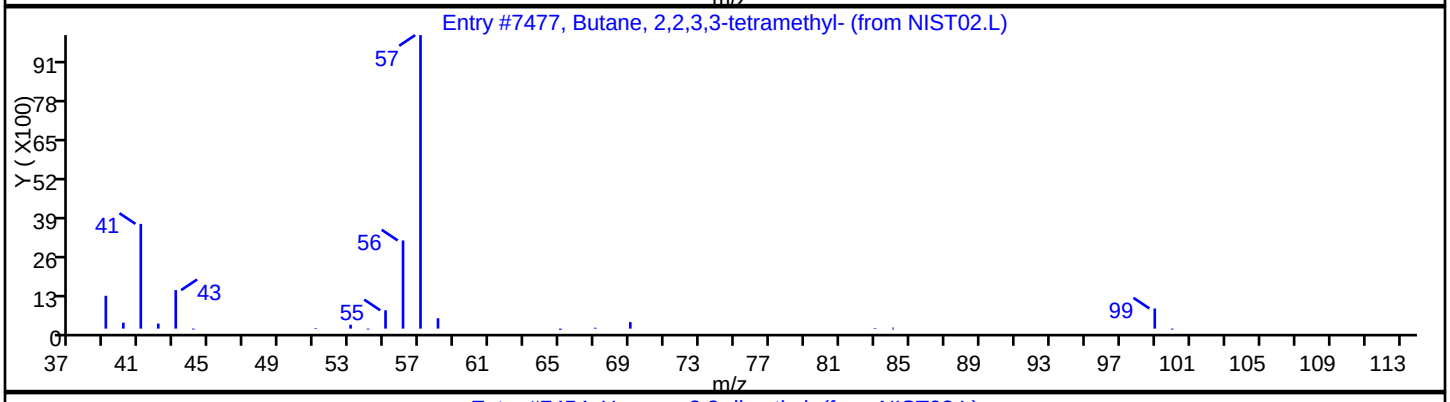
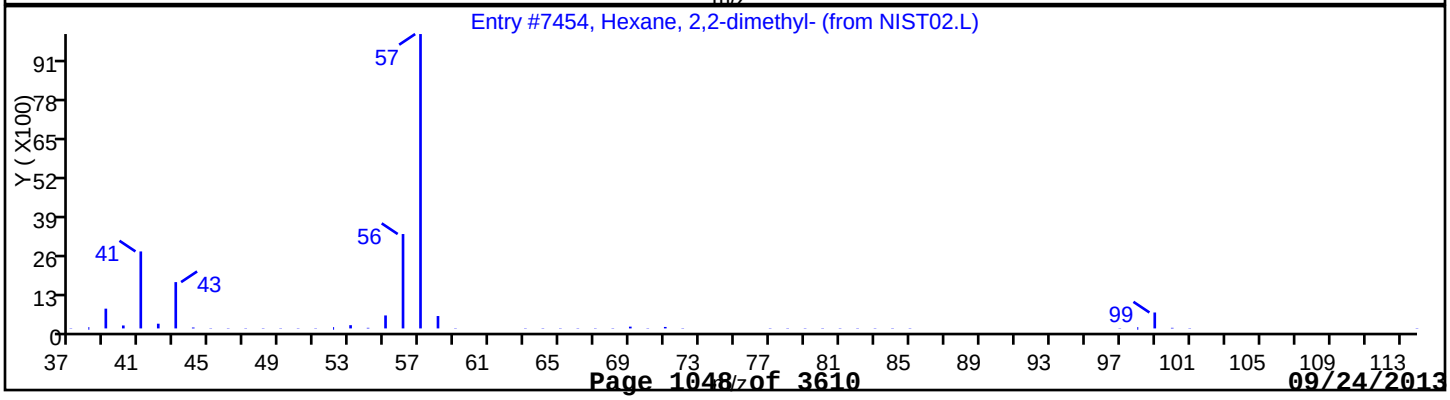
Injection Date:	17-Sep-2013 02:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentane, 2,2,4-trimethyl-	540-84-1	NIST02.L	7461	78
Butane, 2,2,3,3-tetramethyl-	594-82-1	NIST02.L	7477	78
Hexane, 2,2-dimethyl-	590-73-8	NIST02.L	7454	72









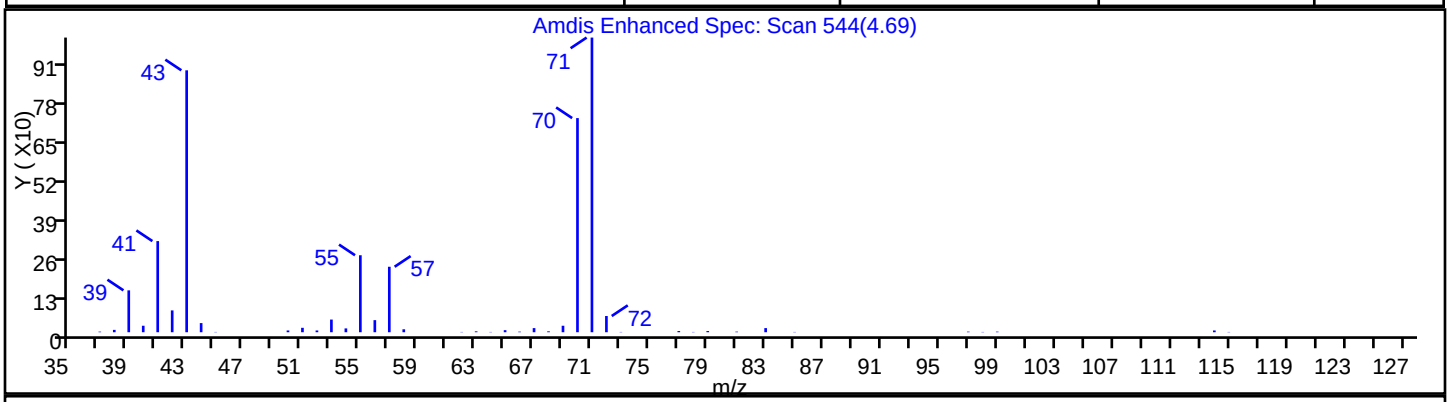
Report Date: 20-Sep-2013 14:00:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

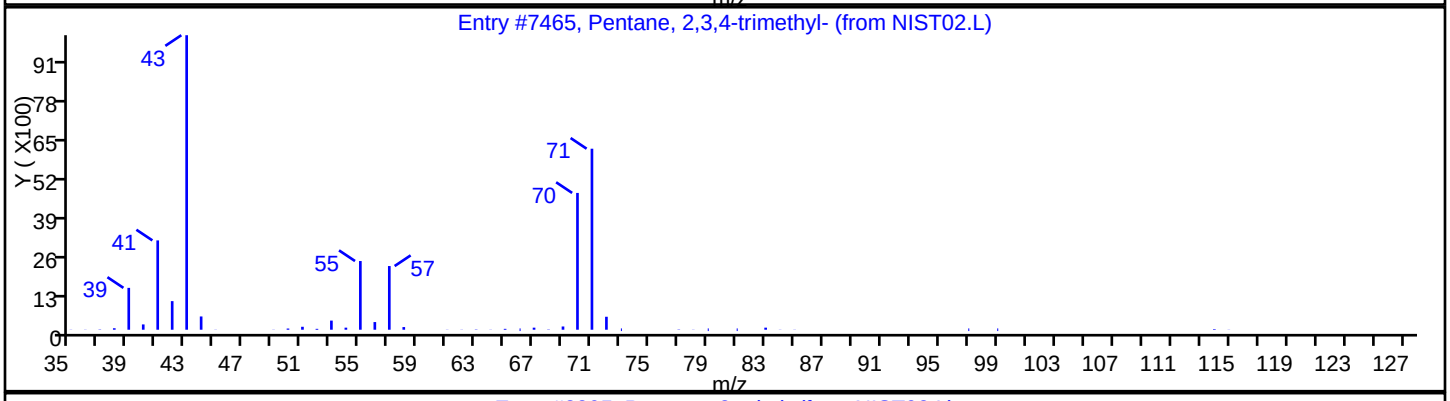
TestAmerica Edison

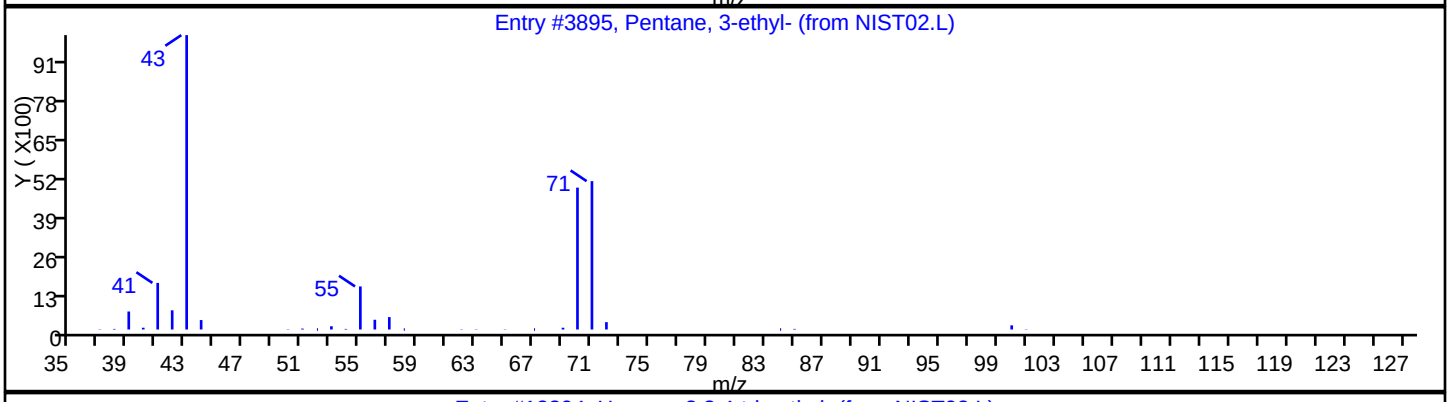
Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77933.D

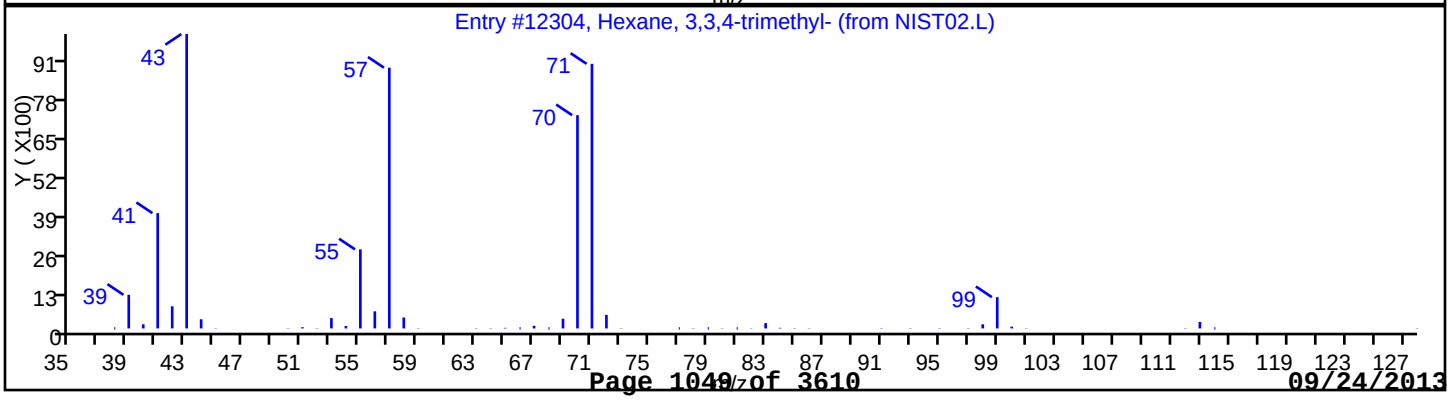
Injection Date:	17-Sep-2013 02:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentane, 2,3,4-trimethyl-	565-75-3	NIST02.L	7465	91
Pentane, 3-ethyl-	617-78-7	NIST02.L	3895	83
Hexane, 3,3,4-trimethyl-	16747-31-2	NIST02.L	12304	78









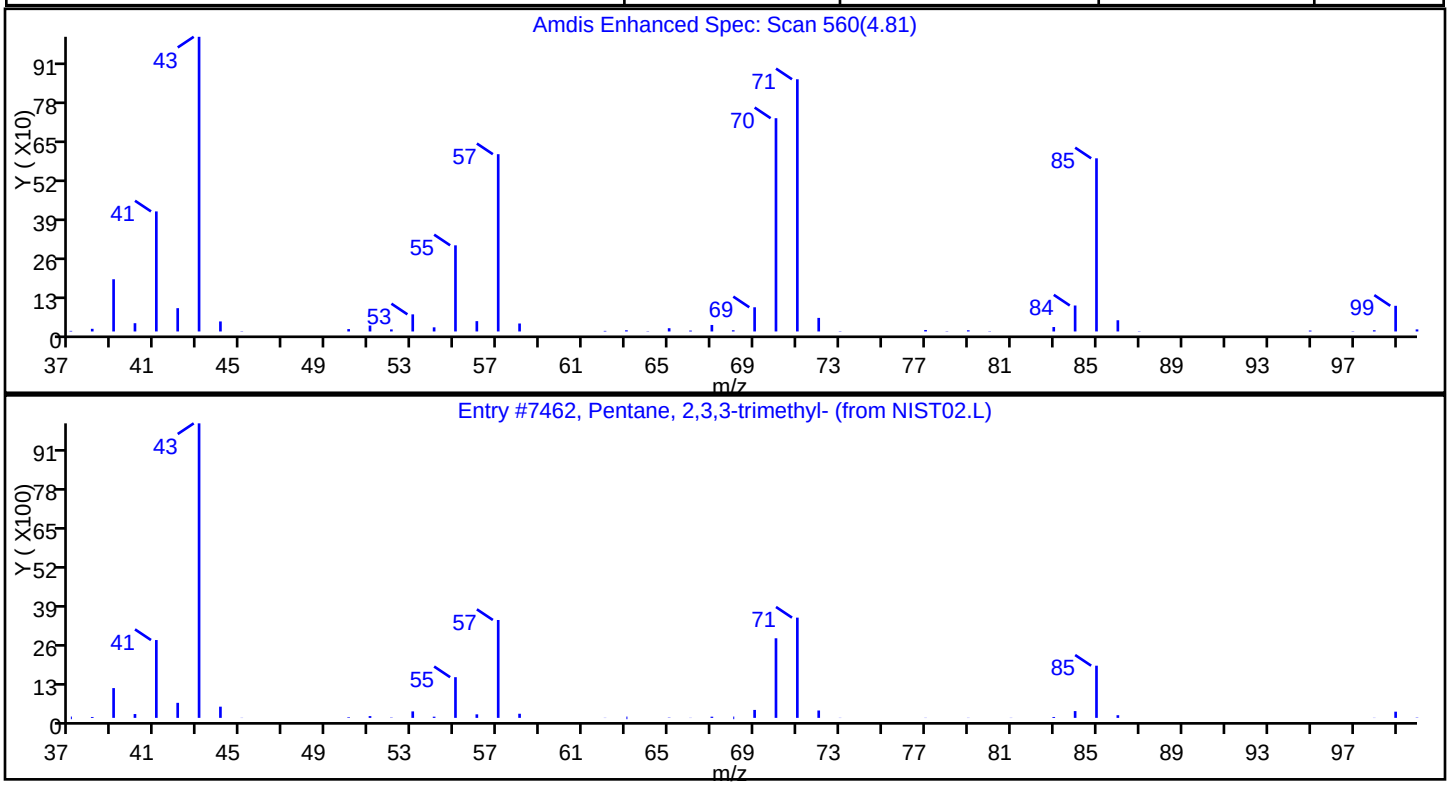
Report Date: 20-Sep-2013 14:00:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77933.D

Injection Date:	17-Sep-2013 02:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentane, 2,3,3-trimethyl-	560-21-4	NIST02.L	7462	83



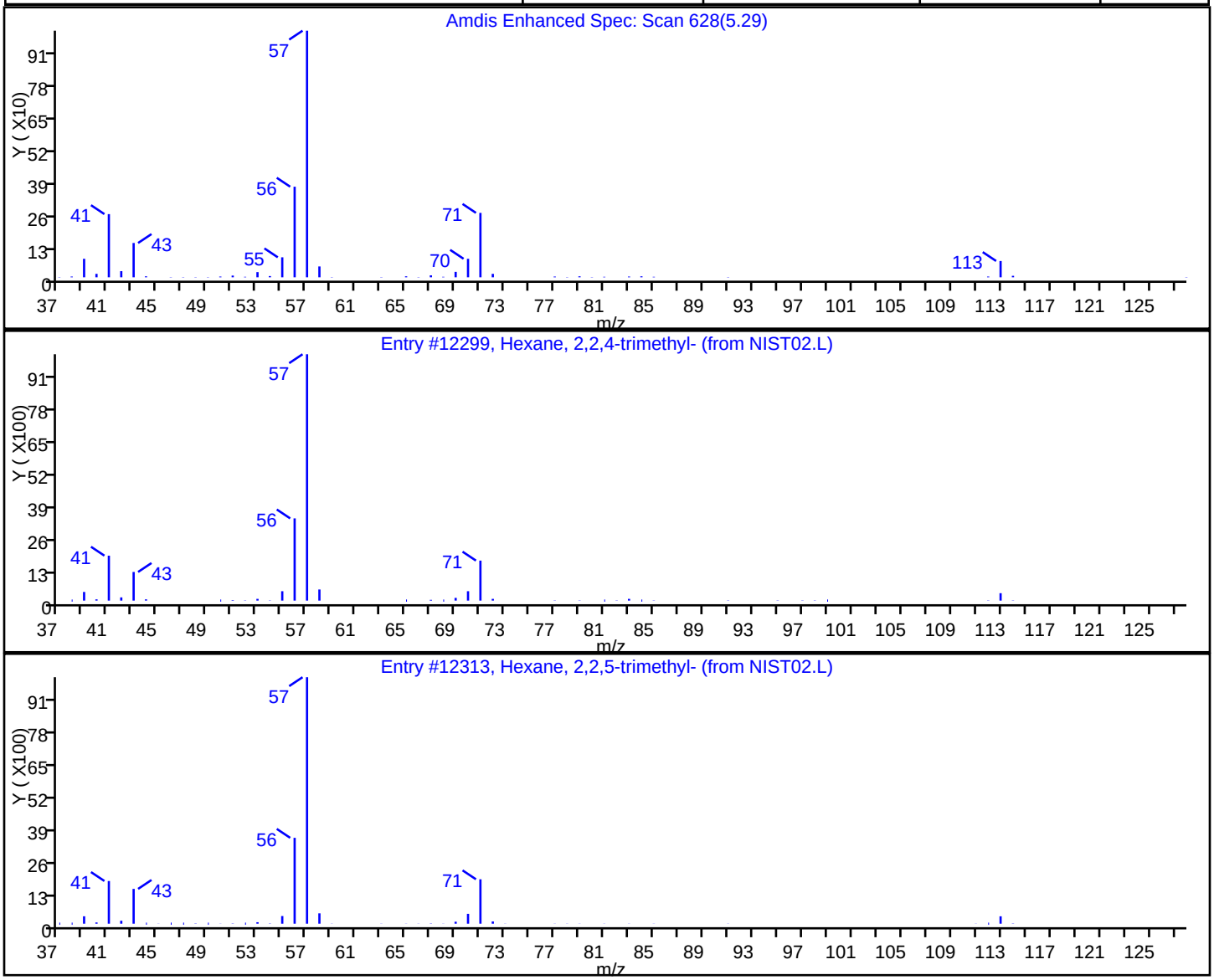
Report Date: 20-Sep-2013 14:00:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77933.D

Injection Date:	17-Sep-2013 02:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexane, 2,2,4-trimethyl-	16747-26-5	NIST02.L	12299	83
Hexane, 2,2,5-trimethyl-	3522-94-9	NIST02.L	12313	78



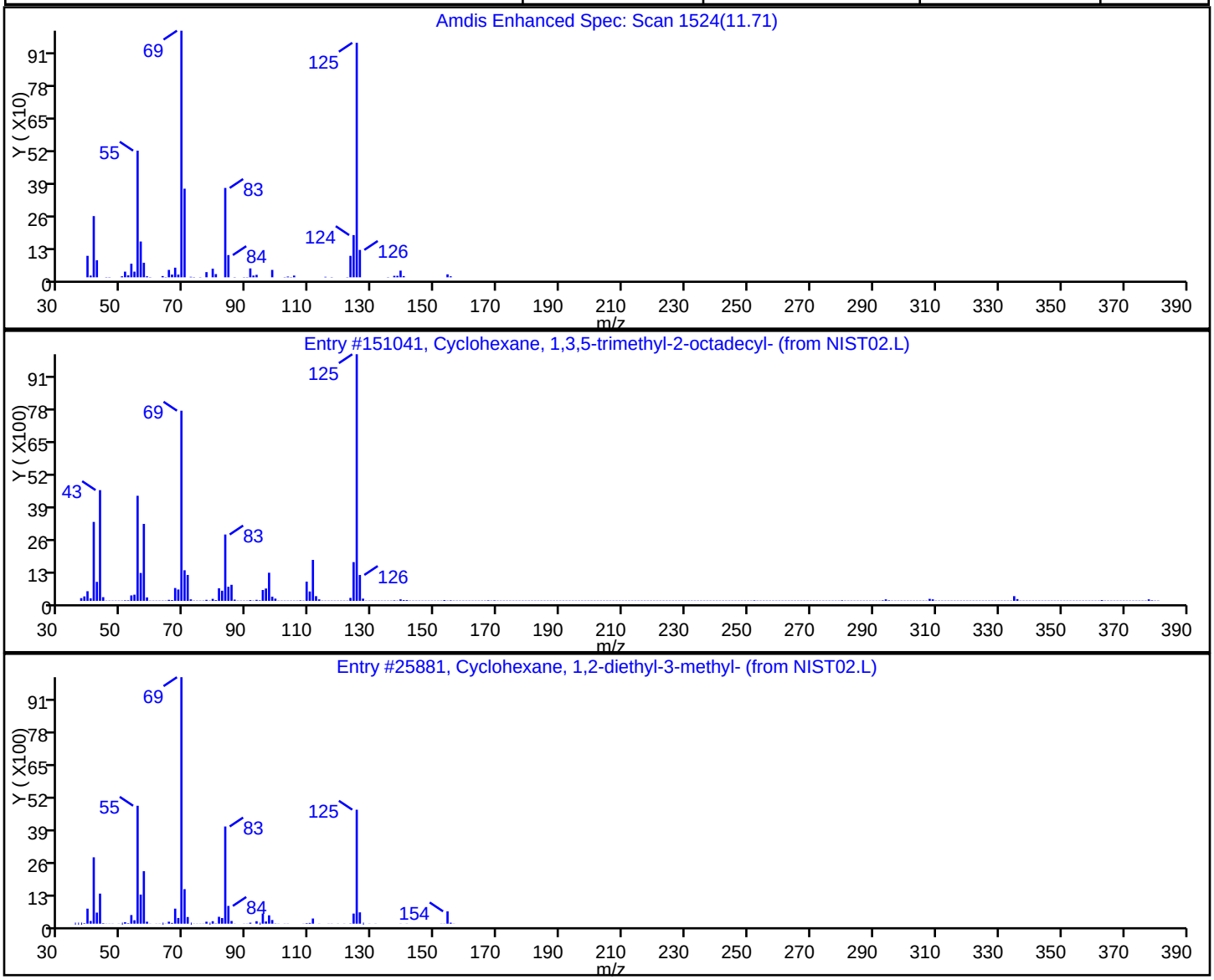
Report Date: 20-Sep-2013 14:00:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77933.D

Injection Date:	17-Sep-2013 02:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Cyclohexane, 1,3,5-trimethyl-2-octadecyl	55282-34-3	NIST02.L	151041	83
Cyclohexane, 1,2-diethyl-3-methyl-	61141-80-8	NIST02.L	25881	78



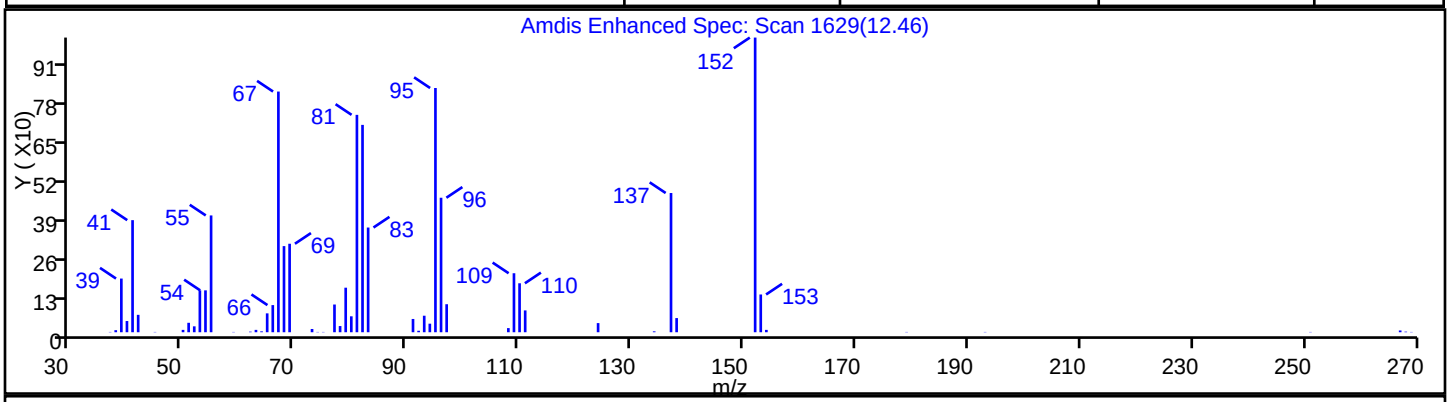
Report Date: 20-Sep-2013 14:00:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

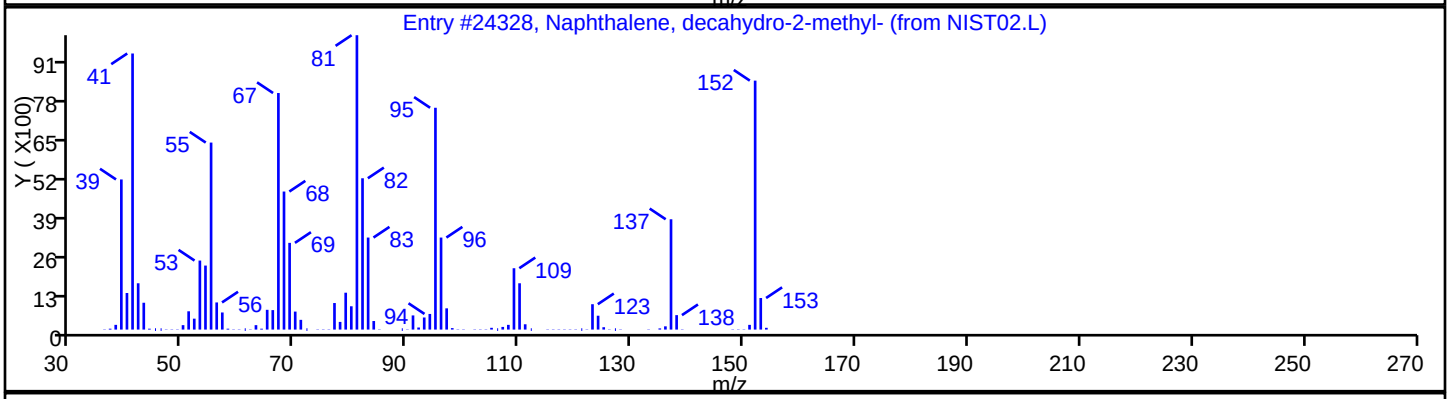
TestAmerica Edison

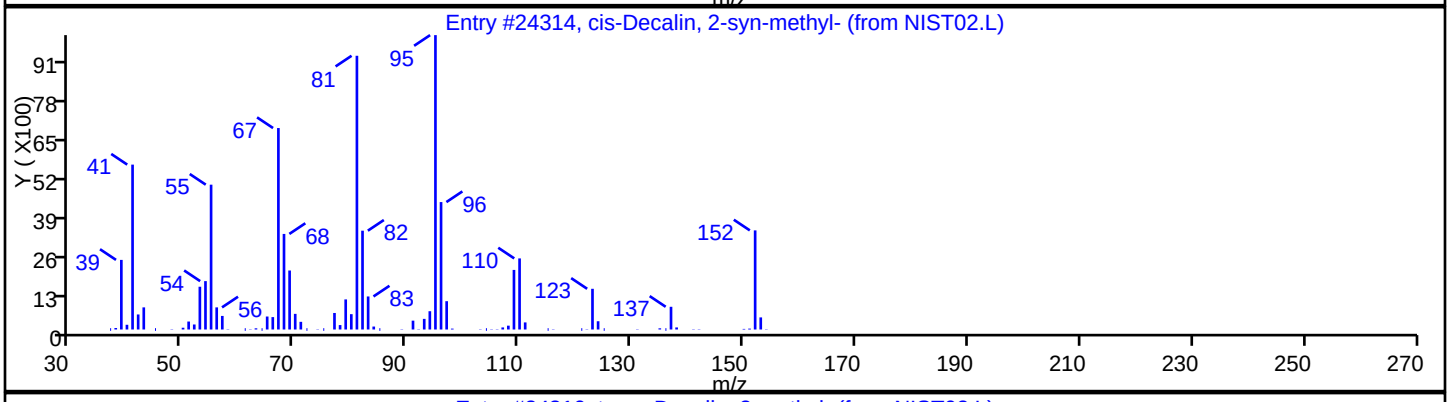
Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77933.D

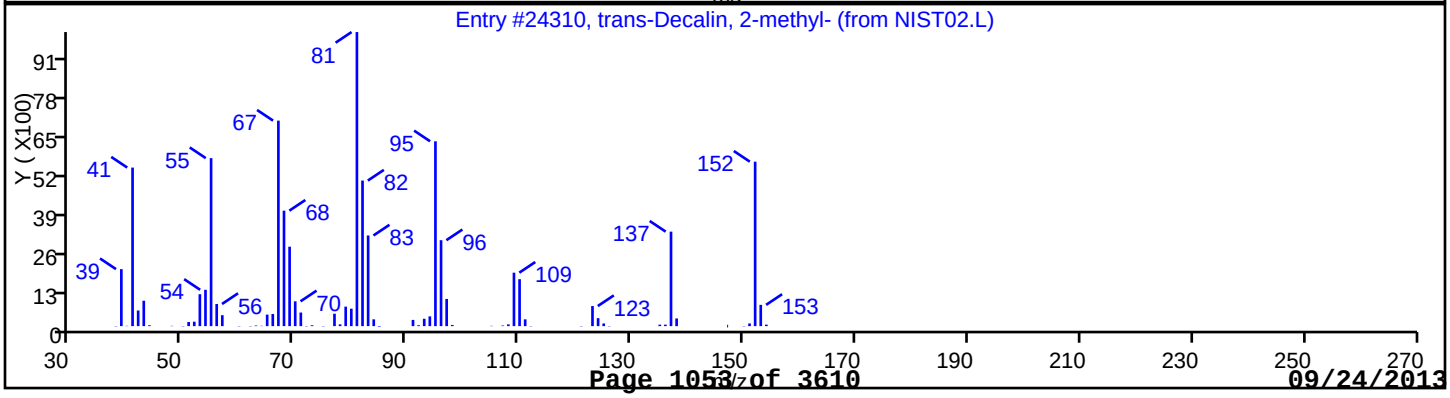
Injection Date:	17-Sep-2013 02:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	91
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.L	24314	80
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	76









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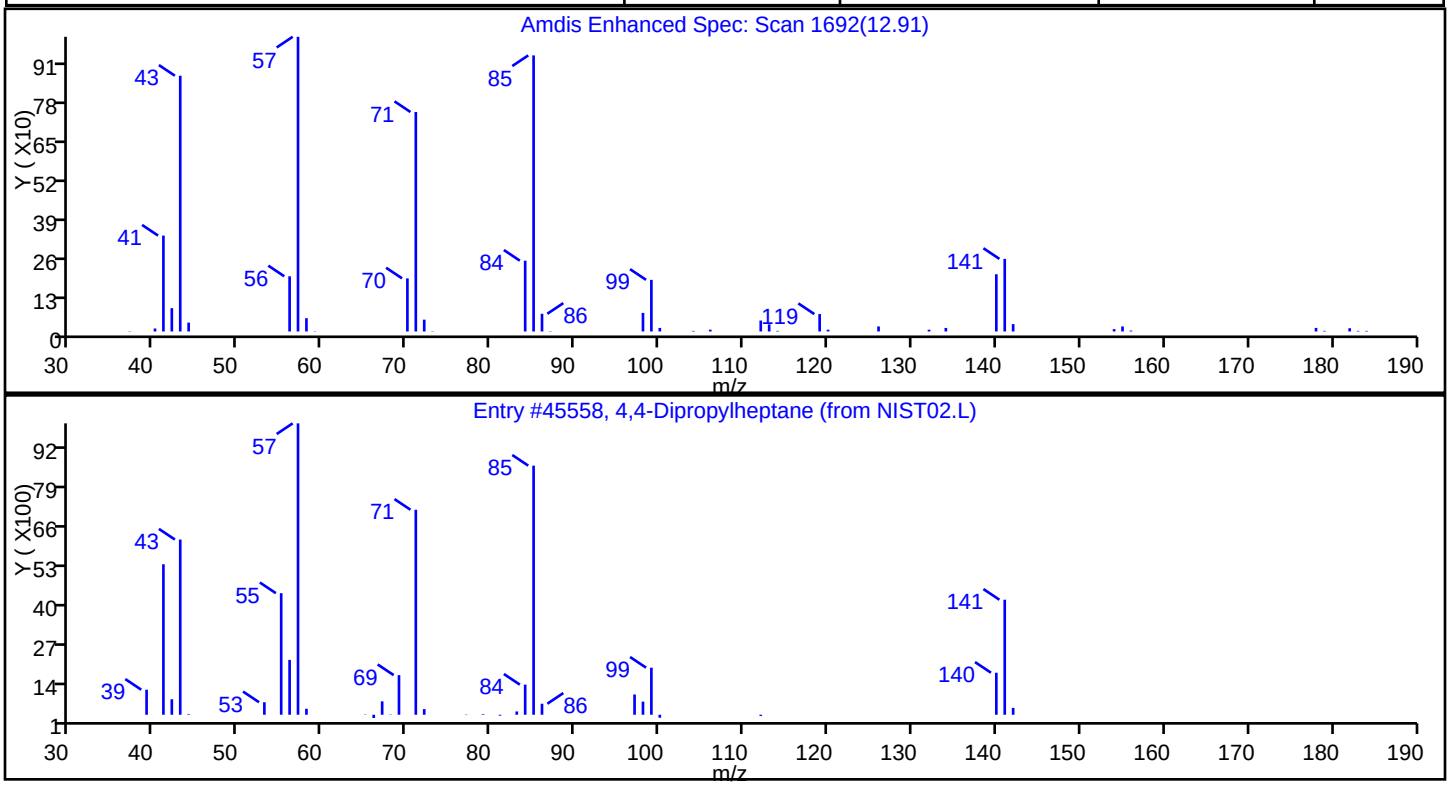
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77933.D

Injection Date:	17-Sep-2013 02:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
4,4-Dipropylheptane	17312-72-0	NIST02.L	45558	78



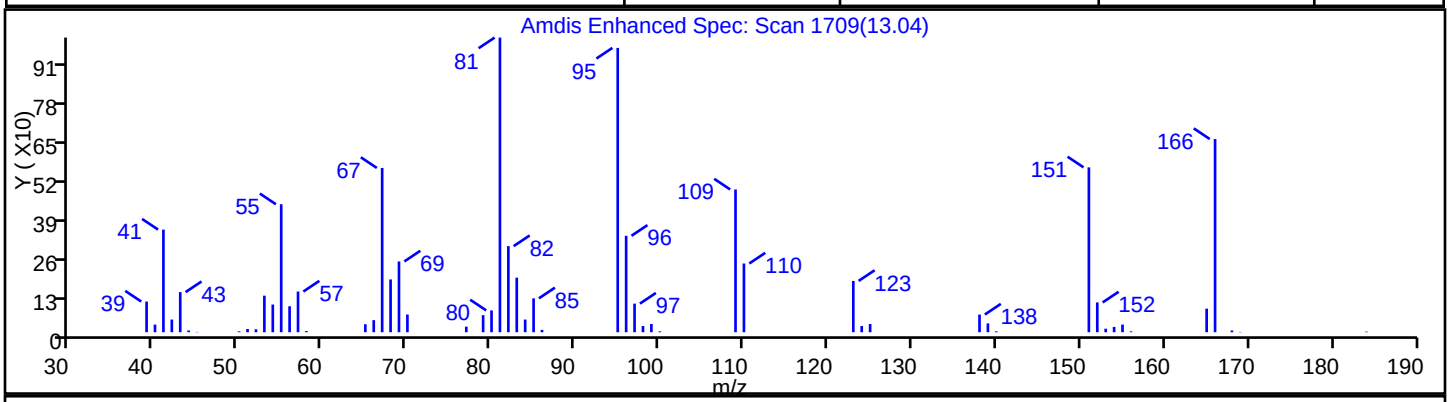
Report Date: 20-Sep-2013 14:00:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

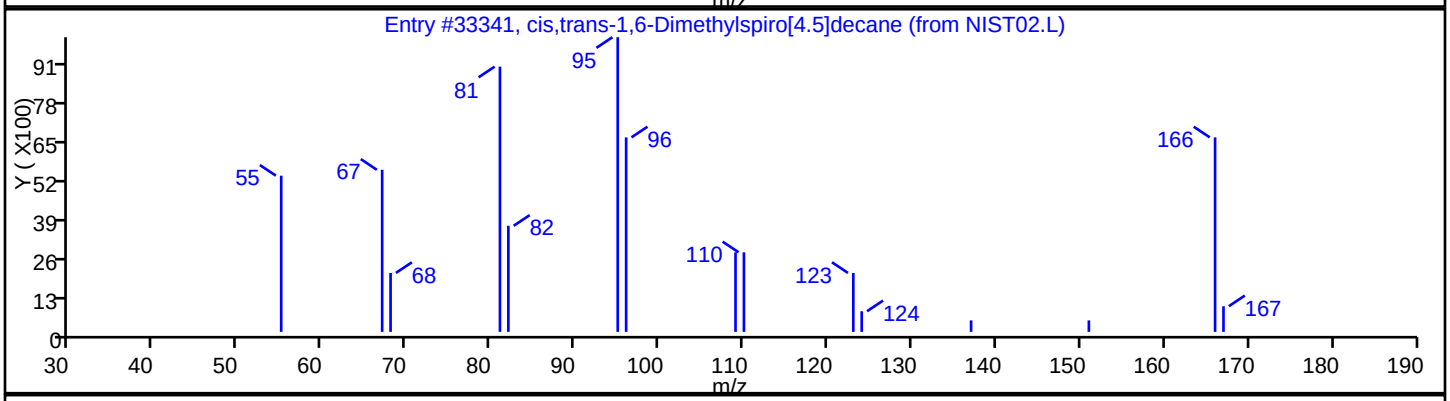
TestAmerica Edison

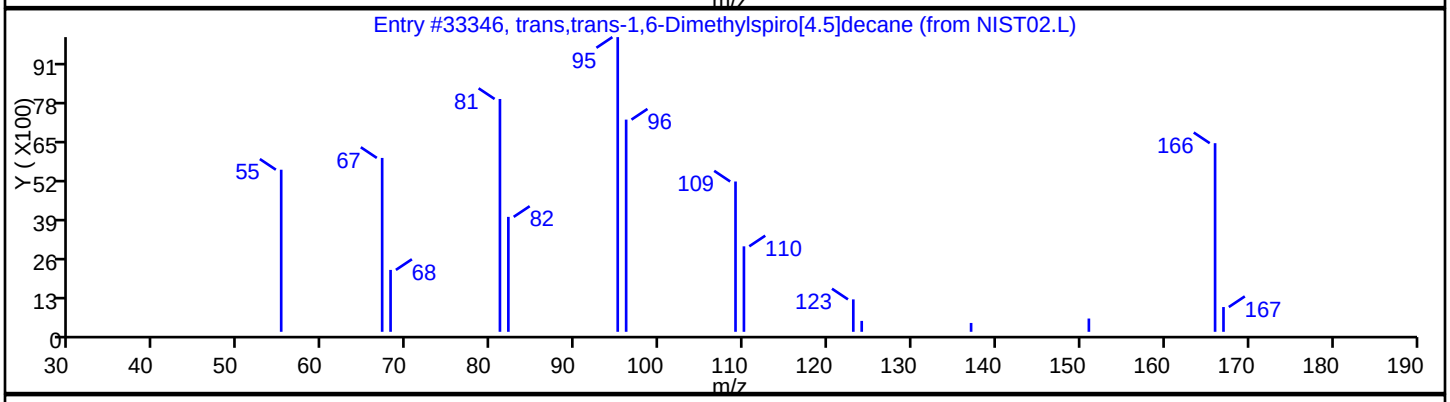
Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77933.D

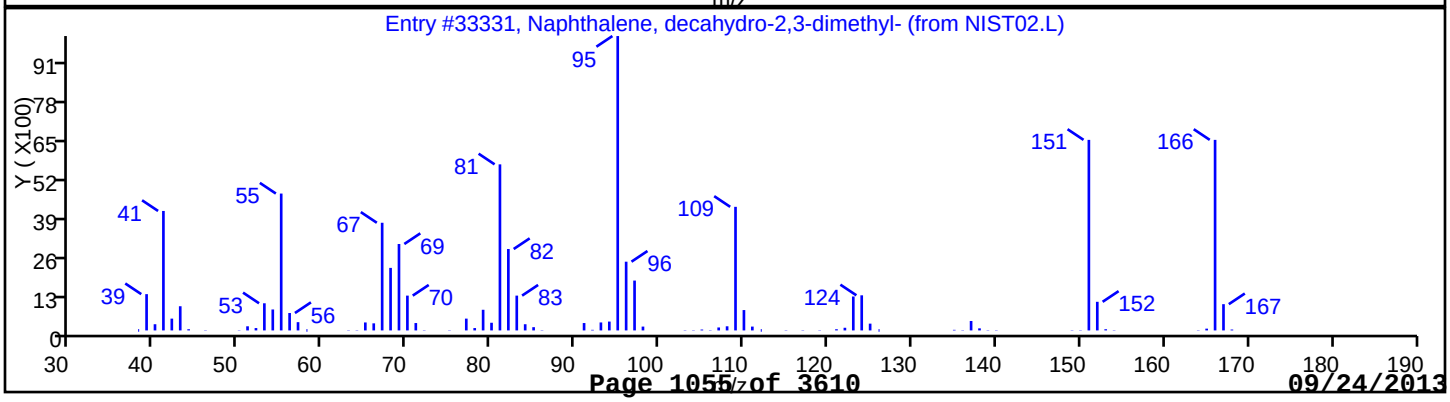
Injection Date:	17-Sep-2013 02:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
cis,trans-1,6-Dimethylspiro[4.5]decane	1000111-72-3	NIST02.L	33341	89
trans,trans-1,6-Dimethylspiro[4.5]decane	1000111-72-1	NIST02.L	33346	78
Naphthalene, decahydro-2,3-dimethyl-	1008-80-6	NIST02.L	33331	76









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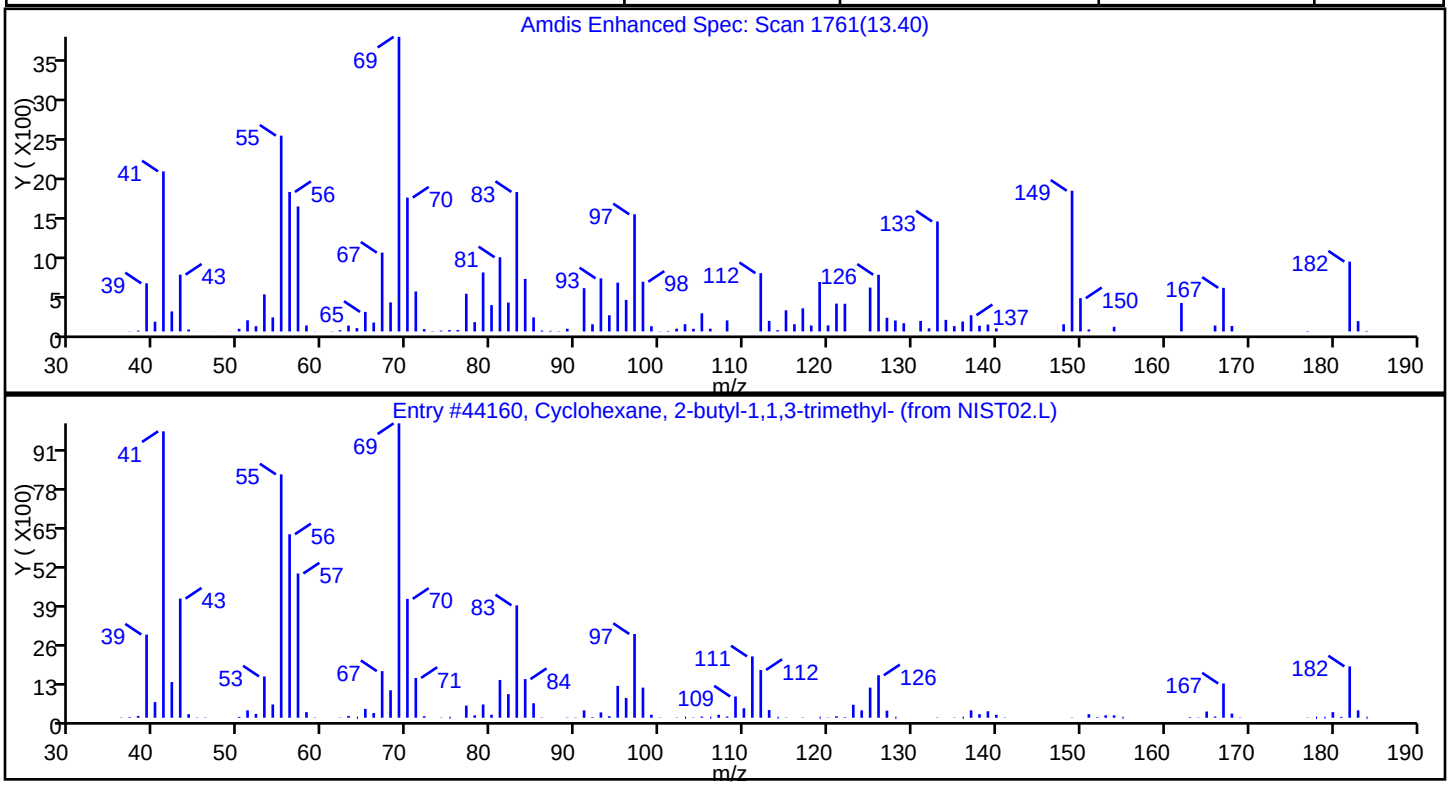
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77933.D

Injection Date:	17-Sep-2013 02:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Cyclohexane, 2-butyl-1,1,3-trimethyl-	54676-39-0	NIST02.L	44160	86



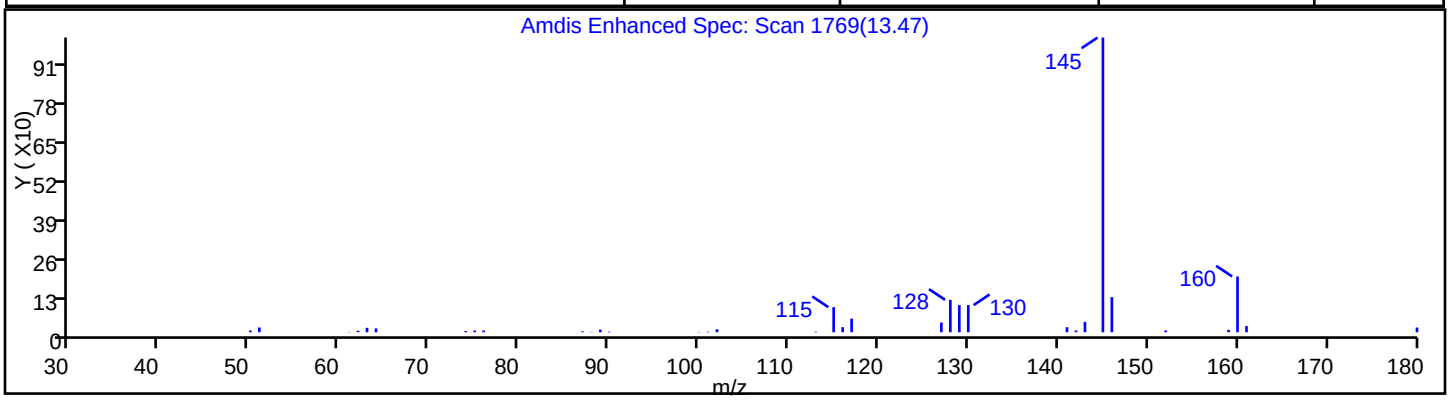
Report Date: 20-Sep-2013 14:00:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

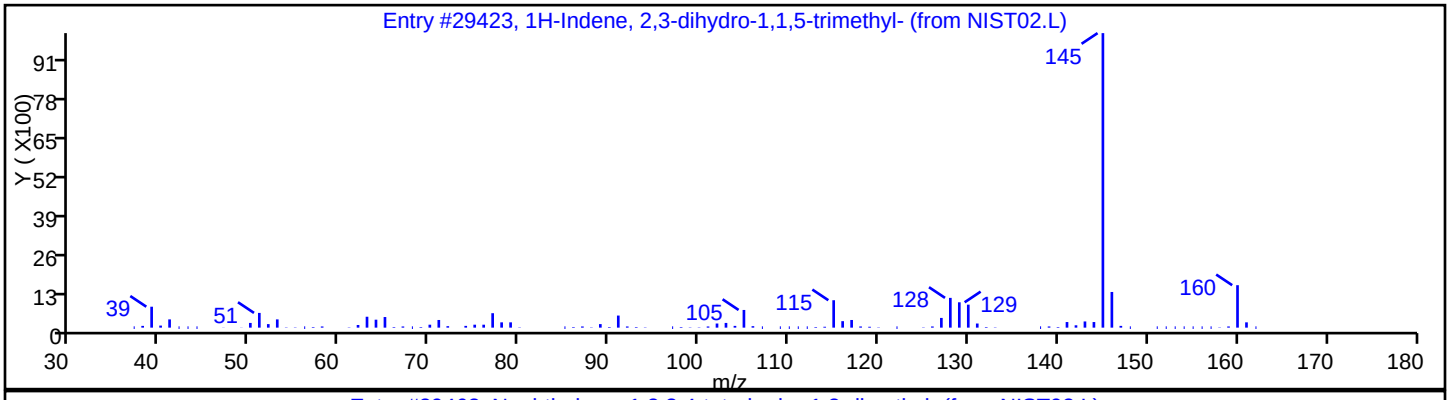
TestAmerica Edison

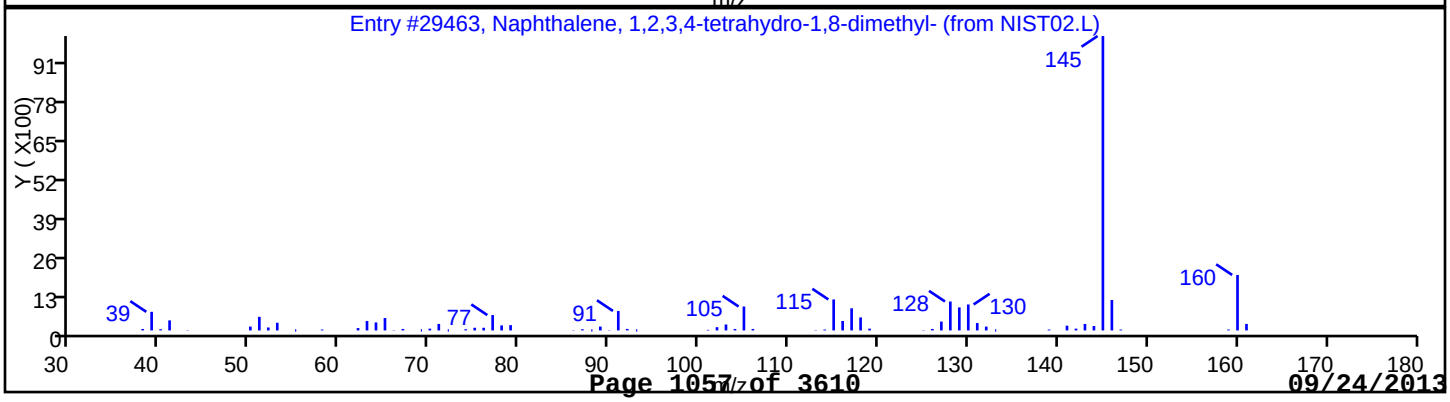
Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77933.D

Injection Date:	17-Sep-2013 02:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown		NIST02.L	0	0
1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	40650-41-7	NIST02.L	29423	91
Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	25419-33-4	NIST02.L	29463	91







FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-SI | Lab Sample ID: 460-62993-24

Matrix: Solid | Lab File ID: O77931.D

Analysis Method: 8260B | Date Collected: 09/13/2013 10:55

Sample wt/vol: 6.132(g) | Date Analyzed: 09/17/2013 01:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.95	0.15
74-83-9	Bromomethane	0.41	U	0.95	0.41
75-01-4	Vinyl chloride	0.32	U	0.95	0.32
75-00-3	Chloroethane	0.31	U	0.95	0.31
75-09-2	Methylene Chloride	0.14	U	0.95	0.14
67-64-1	Acetone	3.1	J B	4.8	1.6
75-15-0	Carbon disulfide	0.14	J	0.95	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.95	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.95	0.18
75-34-3	1,1-Dichloroethane	0.10	U	0.95	0.10
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.95	0.12
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.95	0.10
67-66-3	Chloroform	1.7		0.95	0.23
78-93-3	2-Butanone	0.60	U	4.8	0.60
107-06-2	1,2-Dichloroethane	0.17	U	0.95	0.17
71-55-6	1,1,1-Trichloroethane	0.12	U	0.95	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.95	0.14
71-43-2	Benzene	0.14	U	0.95	0.14
75-25-2	Bromoform	0.41	J	0.95	0.16
100-42-5	Styrene	0.27	U	0.95	0.27
100-41-4	Ethylbenzene	0.16	U	0.95	0.16
108-90-7	Chlorobenzene	0.17	U	0.95	0.17
110-82-7	Cyclohexane	0.12	U	0.95	0.12
98-82-8	Isopropylbenzene	0.10	U	0.95	0.10
591-78-6	2-Hexanone	0.12	U	4.8	0.12
1634-04-4	MTBE	0.10	U	0.95	0.10
76-13-1	Freon TF	0.10	U	0.95	0.10
79-20-9	Methyl acetate	0.31	U	0.95	0.31
123-91-1	1,4-Dioxane	12	U	19	12
79-01-6	Trichloroethene	0.11	U	0.95	0.11
108-88-3	Toluene	0.13	U	0.95	0.13
10061-02-6	trans-1,3-Dichloropropene	0.095	U	0.95	0.095
108-10-1	4-Methyl-2-pentanone	0.19	U	4.8	0.19
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.95	0.13
95-50-1	1,2-Dichlorobenzene	0.095	U	0.95	0.095
541-73-1	1,3-Dichlorobenzene	0.15	U	0.95	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-SI | Lab Sample ID: 460-62993-24

Matrix: Solid | Lab File ID: O77931.D

Analysis Method: 8260B | Date Collected: 09/13/2013 10:55

Sample wt/vol: 6.132(g) | Date Analyzed: 09/17/2013 01:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.77	J	0.95	0.10
120-82-1	1,2,4-Trichlorobenzene	0.18	U	0.95	0.18
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.95	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.95	0.14
108-87-2	Methylcyclohexane	0.095	U	0.95	0.095
127-18-4	Tetrachloroethene	0.11	U	0.95	0.11
1330-20-7	Xylenes, Total	0.64	U	2.9	0.64
96-12-8	1,2-Dibromo-3-Chloropropane	0.42	U	0.95	0.42
79-34-5	1,1,2,2-Tetrachloroethane	0.086	U	0.95	0.086
79-00-5	1,1,2-Trichloroethane	0.13	U	0.95	0.13
124-48-1	Dibromochloromethane	0.25	J	0.95	0.095
106-93-4	1,2-Dibromoethane	0.14	U	0.95	0.14
75-71-8	Dichlorodifluoromethane	0.21	U	0.95	0.21
74-97-5	Bromochloromethane	0.10	U	0.95	0.10
75-27-4	Bromodichloromethane	0.31	U	0.95	0.31

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
2037-26-5	Toluene-d8 (Surr)	107		70-130
460-00-4	Bromofluorobenzene	98		70-130
1868-53-7	Dibromofluoromethane (Surr)	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-SI Lab Sample ID: 460-62993-24

Matrix: Solid Lab File ID: O77931.D

Analysis Method: 8260B Date Collected: 09/13/2013 10:55

Sample wt/vol: 6.132(g) Date Analyzed: 09/17/2013 01:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.5 Level: (low/med) Low

Analysis Batch No.: 181583 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77931.D		
Lims ID:	460-62993-A-24-A	Client ID:	PMP-10SE-SI
Inject. Date:	17-Sep-2013 01:39:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-24-A		
Misc. Info.:	460-0004675-024		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	23
Lims Batch ID:	181583	Lims Sample ID:	24
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m		
Last Update:	20-Sep-2013 13:58:16	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK016		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 11:23:15

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.632	1.625	0.007	76	4494	3.29	
21 Carbon disulfide	76	1.704	1.697	0.007	80	1511	0.1513	
* 151 TBA-d9 (IS)	65	1.904	1.897	0.007	91	252496	1000.0	
47 Chloroform	83	2.957	2.950	0.007	93	8427	1.80	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.079	0.007	97	87244	48.5	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.366	3.358	0.008	88	89810	56.6	
* 59 Fluorobenzene	96	3.659	3.652	0.007	100	389595	50.0	
* 150 1,4-Dioxane-d8	96	4.376	4.354	0.022	82	19508	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	388260	53.7	
84 Chlorodibromomethane	129	6.439	6.431	0.008	4	610	0.2596	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	360999	50.0	
97 Bromoform	173	8.473	8.466	0.007	57	757	0.4314	
$ 99 4-Bromofluorobenzene	174	9.010	9.003	0.007	95	138426	49.0	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	205298	50.0	
117 1,4-Dichlorobenzene	146	10.908	10.901	0.007	84	5739	0.8049	

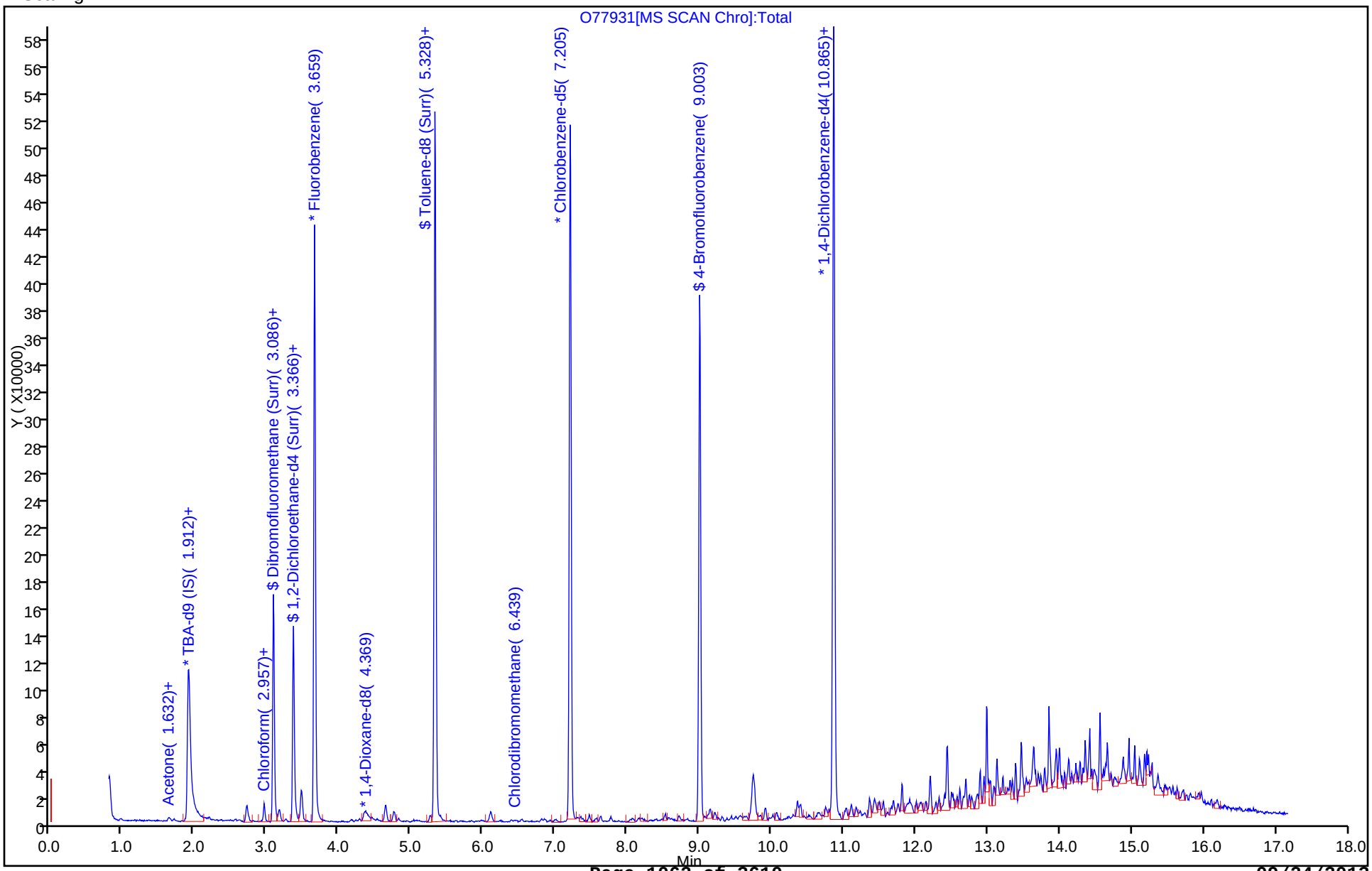
Report Date: 20-Sep-2013 13:58:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77931.D

Injection Date:	17-Sep-2013 01:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-SI	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	24
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



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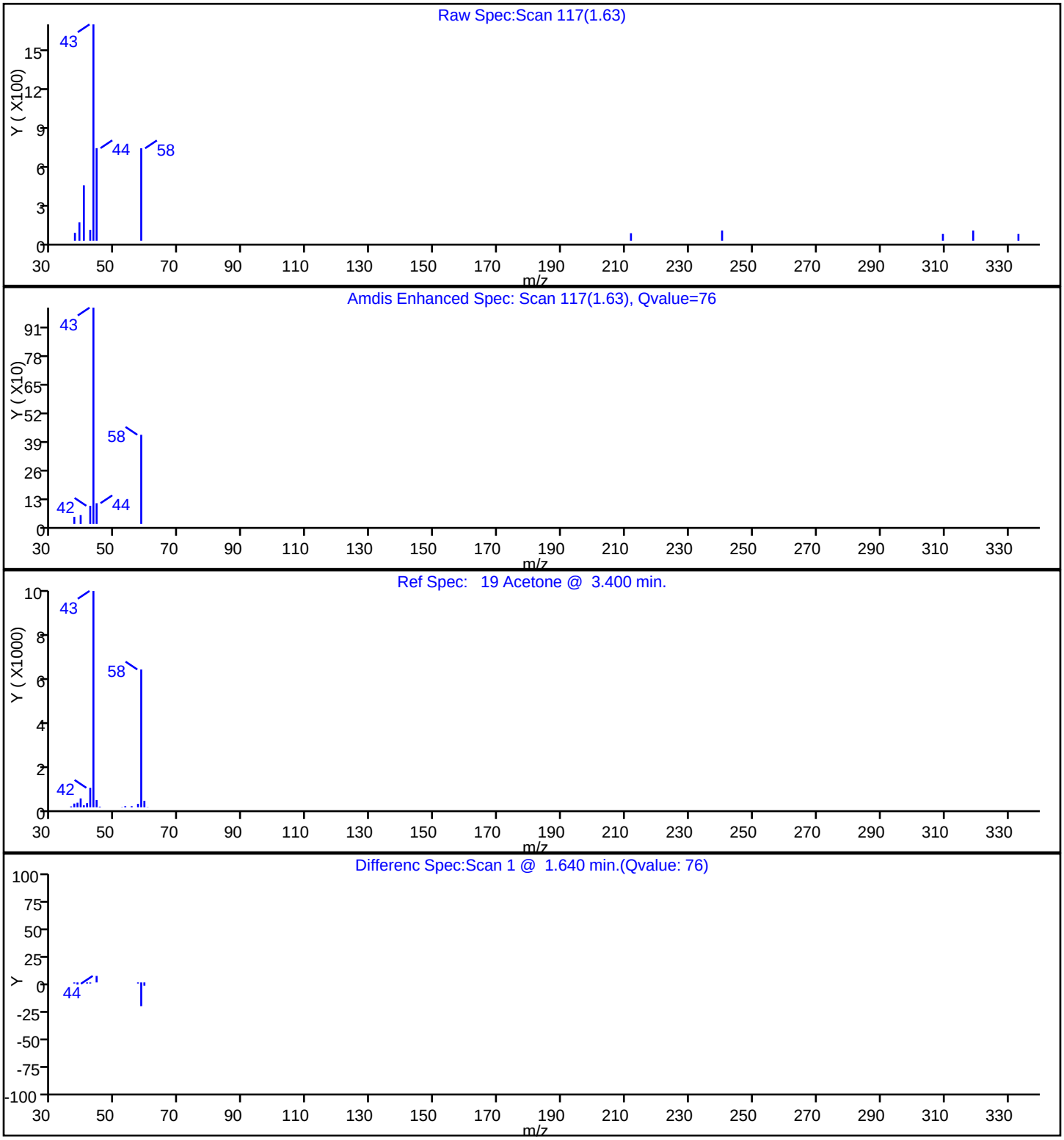
Injection Date:	17-Sep-2013 01:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-SI	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	24
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



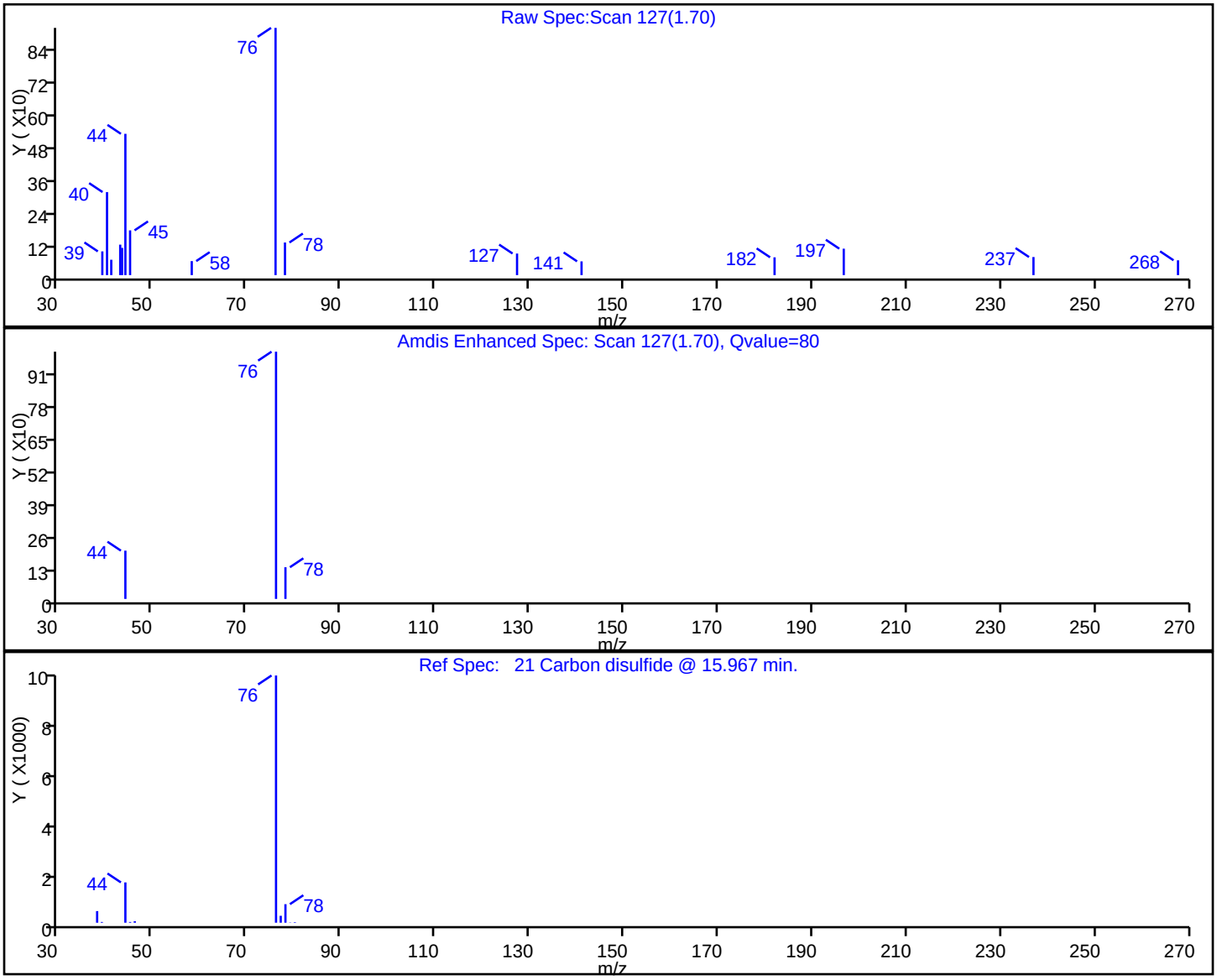
Report Date: 20-Sep-2013 13:58:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77931.D

Injection Date:	17-Sep-2013 01:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-SI	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	24
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

21 Carbon disulfide



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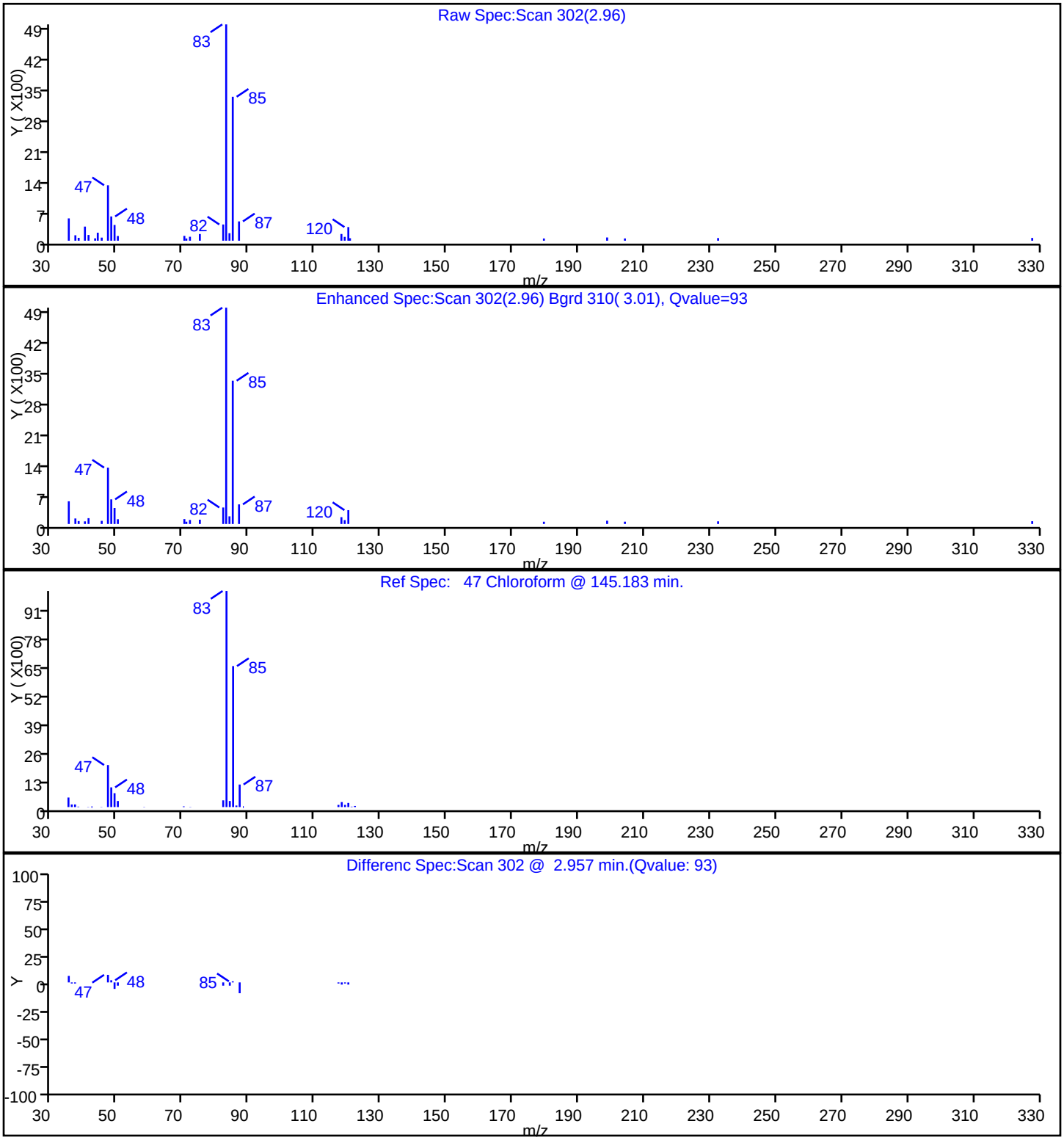
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77931.D

Injection Date:	17-Sep-2013 01:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-SI	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	24
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



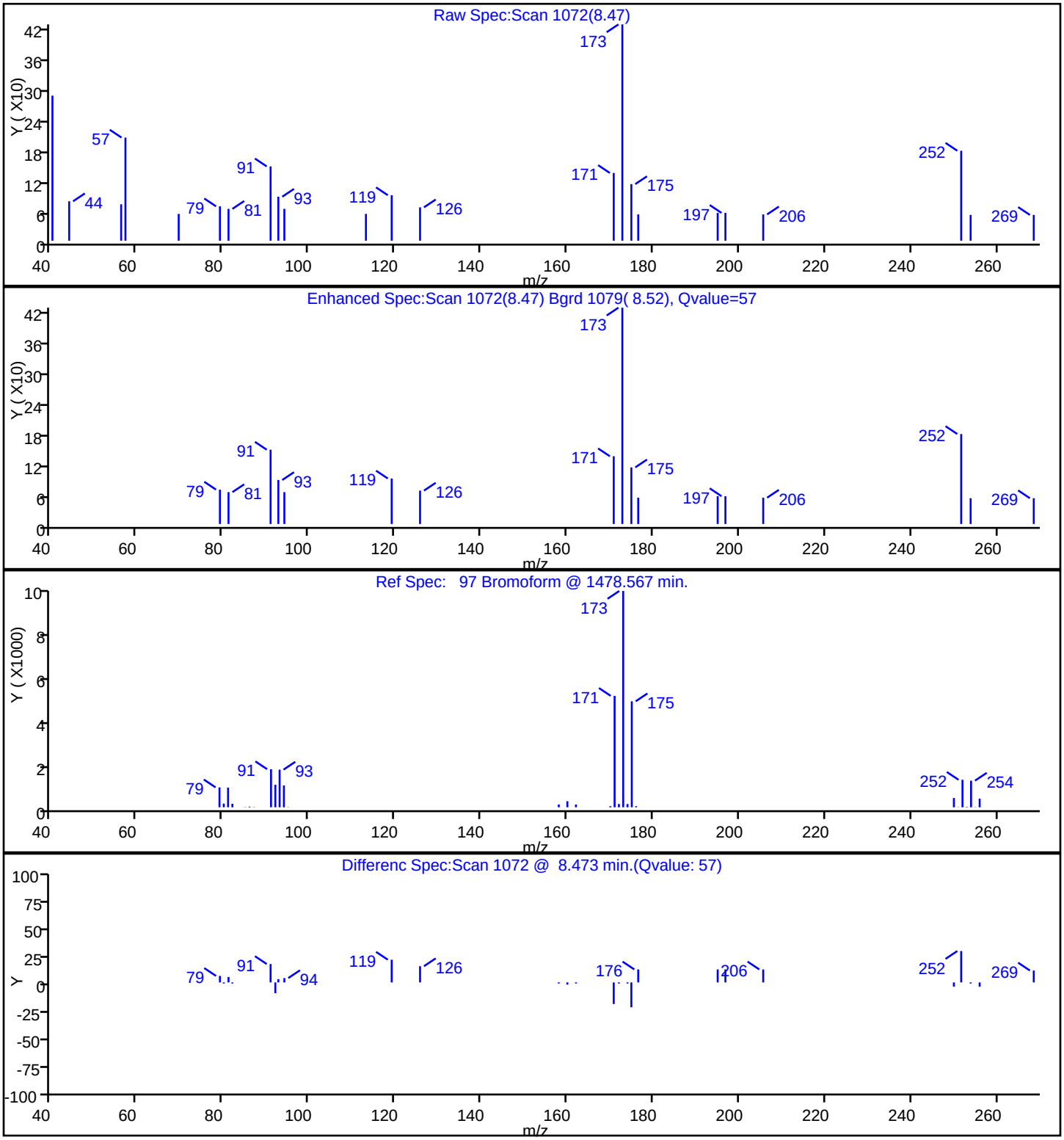
Report Date: 20-Sep-2013 13:58:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77931.D

Injection Date:	17-Sep-2013 01:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-SI	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	24
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

97 Bromoform



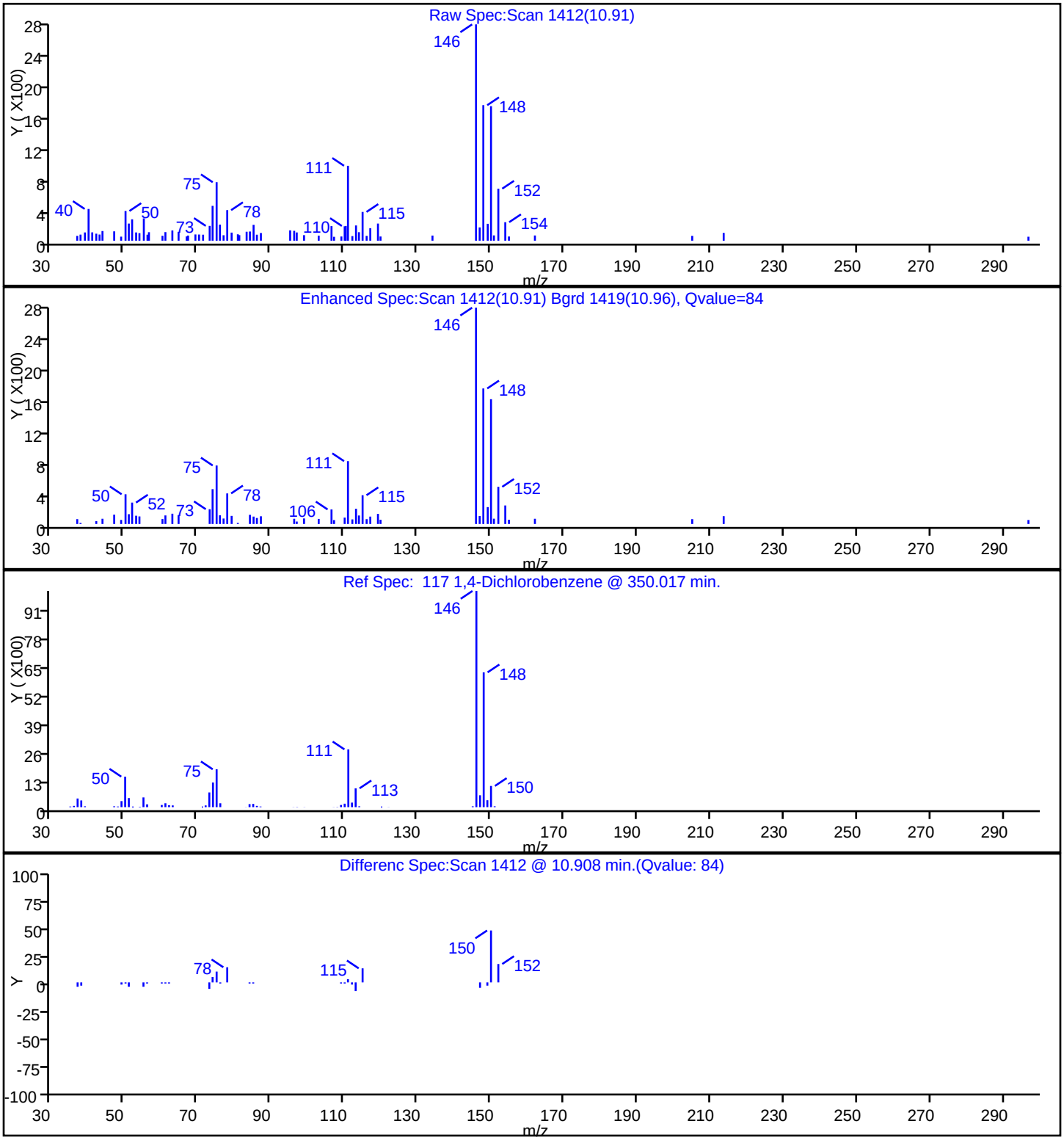
Report Date: 20-Sep-2013 13:58:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77931.D

Injection Date:	17-Sep-2013 01:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-SI	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	24
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



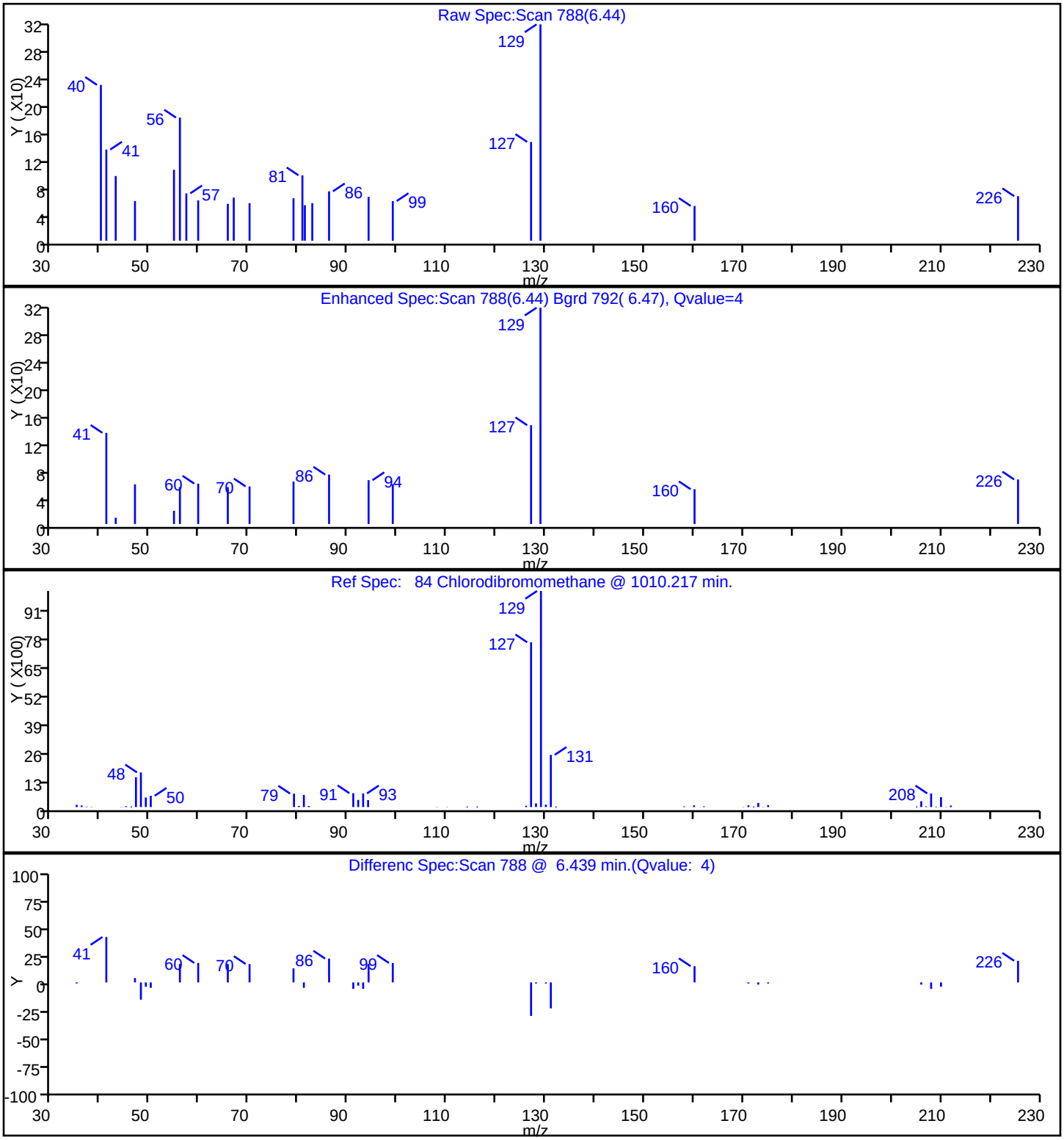
Report Date: 20-Sep-2013 13:58:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77931.D

Injection Date:	17-Sep-2013 01:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-SI	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	24
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

84 Chlorodibromomethane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-SD | Lab Sample ID: 460-62993-25

Matrix: Solid | Lab File ID: O77949.D

Analysis Method: 8260B | Date Collected: 09/13/2013 11:00

Sample wt/vol: 5.919(g) | Date Analyzed: 09/17/2013 10:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.5 | Level: (low/med) Low

Analysis Batch No.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.17	U	1.0	0.17
74-83-9	Bromomethane	0.45	U	1.0	0.45
75-01-4	Vinyl chloride	0.35	U	1.0	0.35
75-00-3	Chloroethane	0.34	U	1.0	0.34
75-09-2	Methylene Chloride	0.16	U	1.0	0.16
67-64-1	Acetone	2.6	J B	5.2	1.8
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
75-69-4	Trichlorofluoromethane	0.17	U	1.0	0.17
75-35-4	1,1-Dichloroethene	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.30	J	1.0	0.25
78-93-3	2-Butanone	0.65	U	5.2	0.65
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.16	U	1.0	0.16
71-43-2	Benzene	0.16	U	1.0	0.16
75-25-2	Bromoform	0.18	U	1.0	0.18
100-42-5	Styrene	0.29	U	1.0	0.29
100-41-4	Ethylbenzene	0.18	U	1.0	0.18
108-90-7	Chlorobenzene	0.19	U	1.0	0.19
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	5.2	0.13
1634-04-4	MTBE	0.17	J	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	13	U	21	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.21	U	5.2	0.21
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.17	U	1.0	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-SD | Lab Sample ID: 460-62993-25

Matrix: Solid | Lab File ID: O77949.D

Analysis Method: 8260B | Date Collected: 09/13/2013 11:00

Sample wt/vol: 5.919(g) | Date Analyzed: 09/17/2013 10:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.5 | Level: (low/med) Low

Analysis Batch No.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.67	J	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1.0	0.20
87-61-6	1,2,3-Trichlorobenzene	0.17	U	1.0	0.17
78-87-5	1,2-Dichloropropane	0.16	U	1.0	0.16
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.69	U	3.1	0.69
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U *	1.0	0.46
79-34-5	1,1,2,2-Tetrachloroethane	0.093	U	1.0	0.093
79-00-5	1,1,2-Trichloroethane	0.15	U	1.0	0.15
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.16	U	1.0	0.16
75-71-8	Dichlorodifluoromethane	0.23	U	1.0	0.23
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.33	U	1.0	0.33

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
460-00-4	Bromofluorobenzene	97		70-130
1868-53-7	Dibromofluoromethane (Surr)	97		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-SD Lab Sample ID: 460-62993-25

Matrix: Solid Lab File ID: O77949.D

Analysis Method: 8260B Date Collected: 09/13/2013 11:00

Sample wt/vol: 5.919(g) Date Analyzed: 09/17/2013 10:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.5 Level: (low/med) Low

Analysis Batch No.: 181663 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77949.D
Lims ID: 460-62993-B-25-A
Client ID: PMP-10SE-SD
Inject. Date: 17-Sep-2013 10:08:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-62993-B-25-A
Misc. Info.: 460-0004695-013
Operator: VOA GC/MS12
Instrument ID: CVOAMS12
Purge Vol: 5.000 mL
ALS Bottle#: 12
Lims Batch ID: 181663
Lims Sample ID: 13
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\8260S_12.m
Last Update: 17-Sep-2013 17:55:34
Calib Date: 06-Aug-2013 22:09:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D
Limit Group: VOA - 8260B Water and Solid
Integrator: RTE
ID Type: Deconvolution ID
Column Type: Rtx-624
Column Dia: 0.25 mm
Process Host: XAWRK036

First Level Reviewer: tupayachia
Date: 17-Sep-2013 17:55:34

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.639	1.632	0.007	69	4096	2.48	
* 151 TBA-d9 (IS)	65	1.904	1.911	-0.007	96	227363	1000.0	
27 Methyl tert-butyl ether	73	2.033	2.033	0.0	42	947	0.1647	
47 Chloroform	83	2.957	2.957	0.0	54	1363	0.2930	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	97	86849	48.5	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.366	3.366	0.0	88	86874	55.0	
* 59 Fluorobenzene	96	3.659	3.659	0.0	100	388062	50.0	
* 150 1,4-Dioxane-d8	96	4.361	4.347	0.014	81	18209	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	382977	53.2	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	359815	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	93	137248	48.7	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	214645	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	59	4782	0.6415	

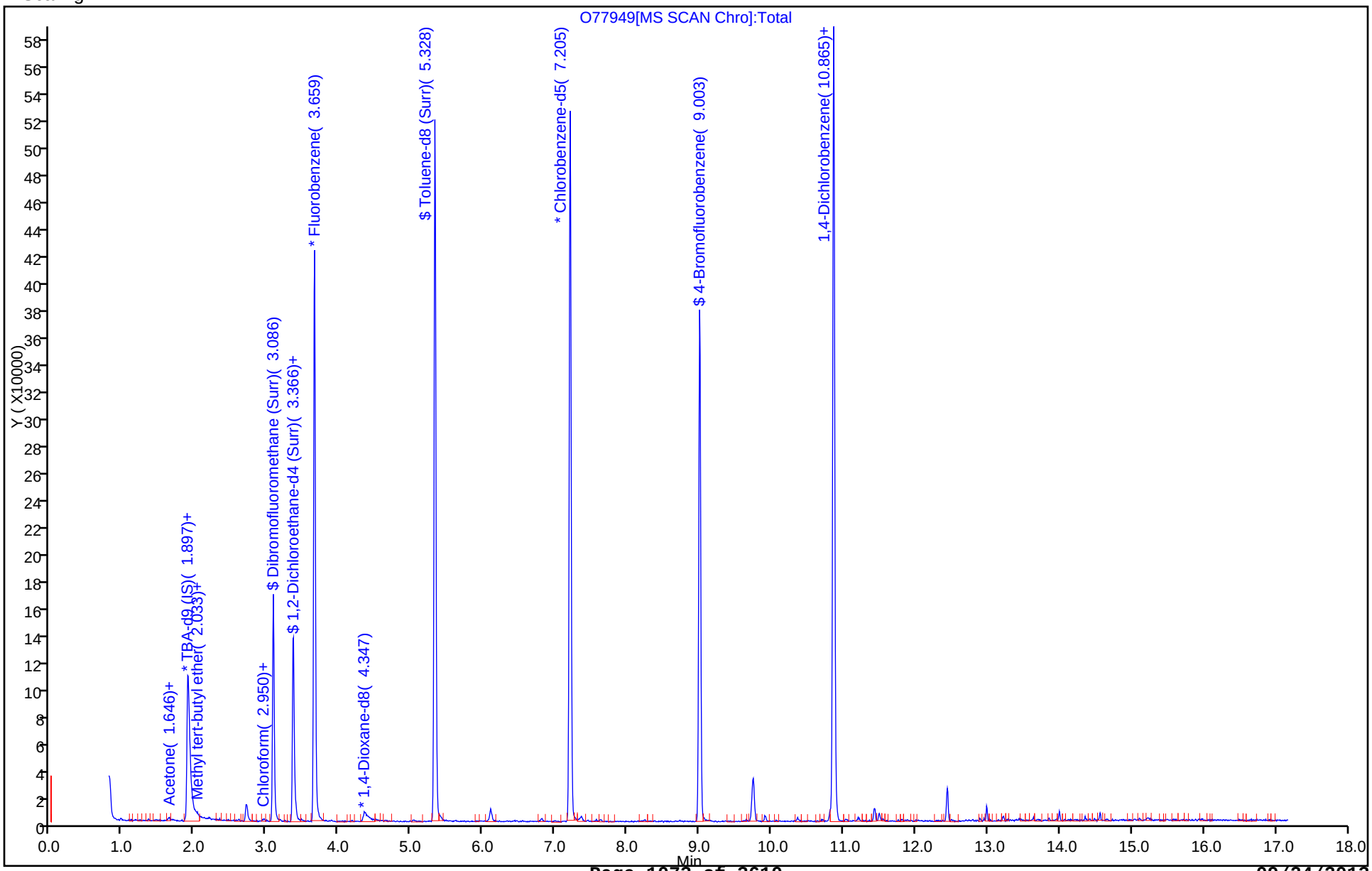
Report Date: 17-Sep-2013 17:55:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77949.D

Injection Date:	17-Sep-2013 10:08:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	13
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

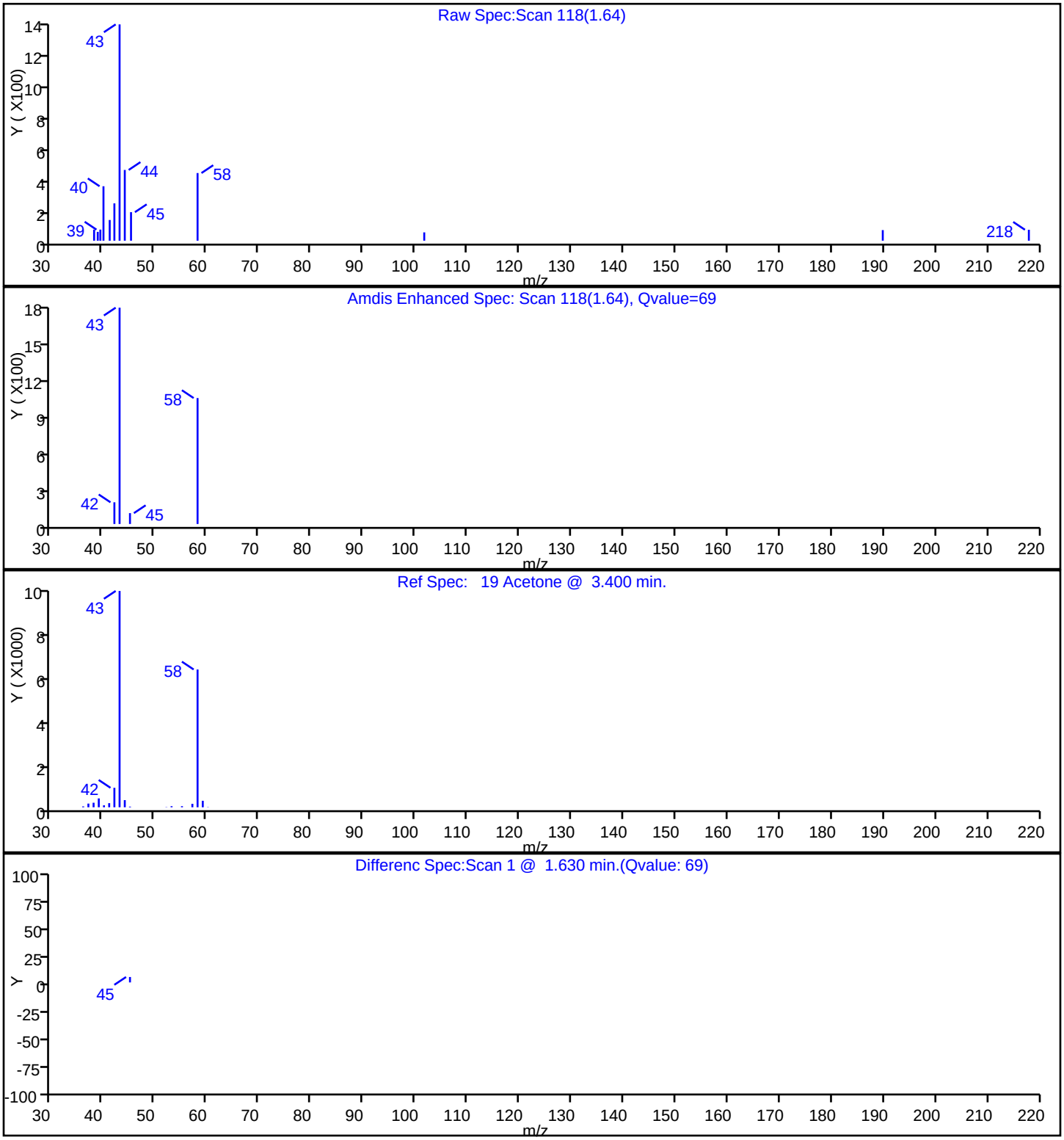
Y Scaling:



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77949.D		
Injection Date:	17-Sep-2013 10:08:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	13
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



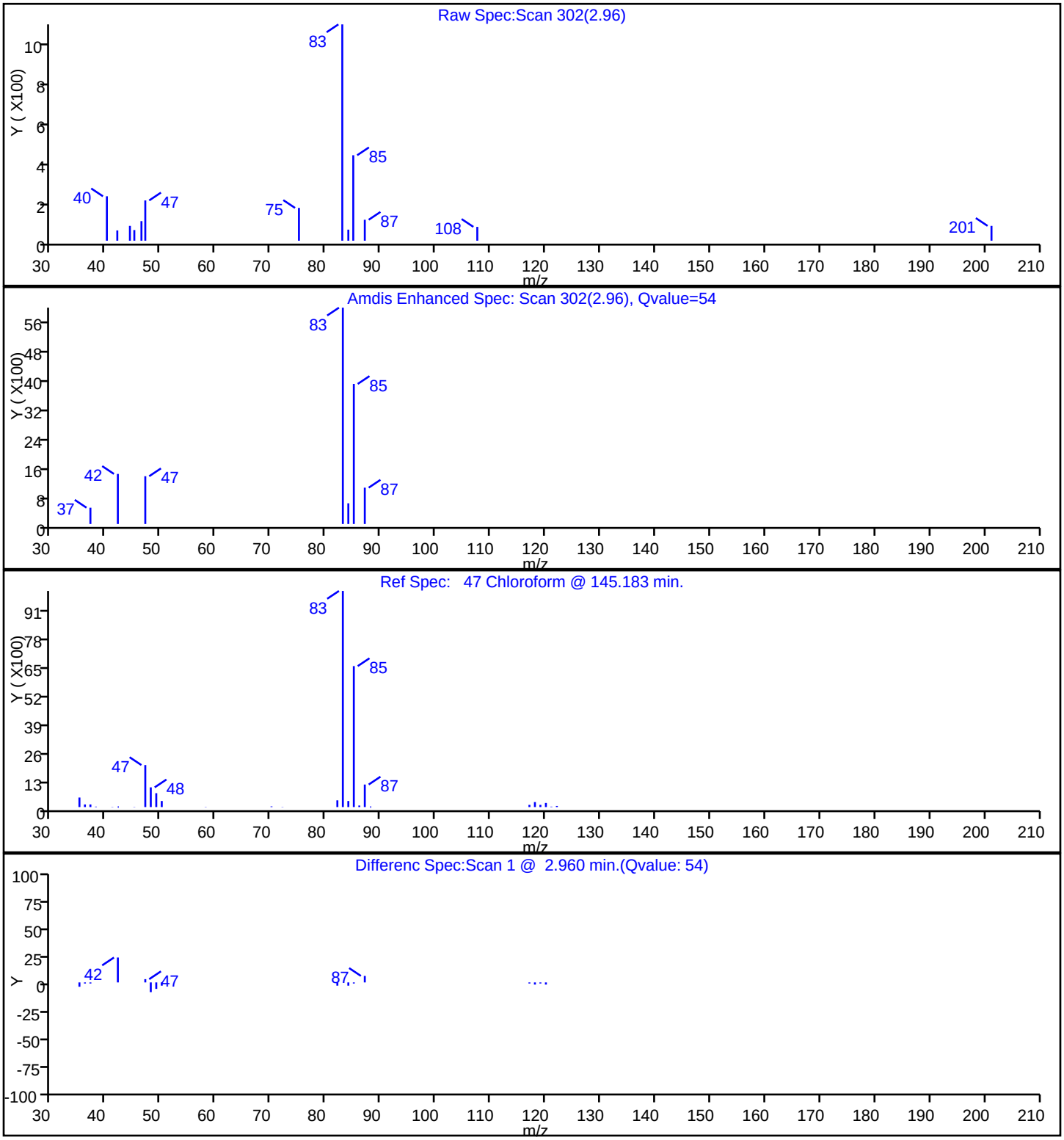
Report Date: 17-Sep-2013 17:55:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77949.D

Injection Date:	17-Sep-2013 10:08:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	13
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

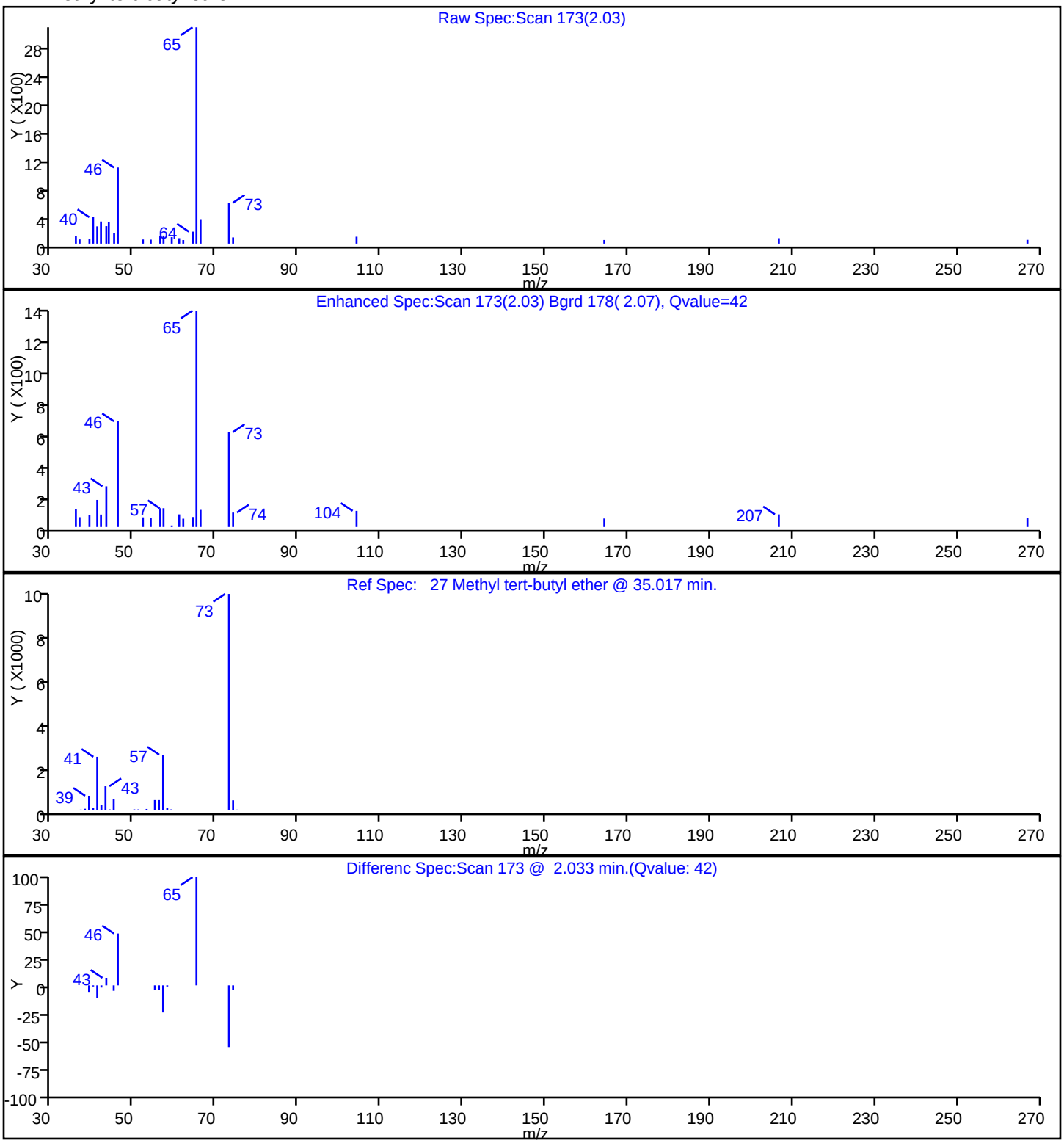
47 Chloroform



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77949.D		
Injection Date:	17-Sep-2013 10:08:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	13
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

27 Methyl tert-butyl ether



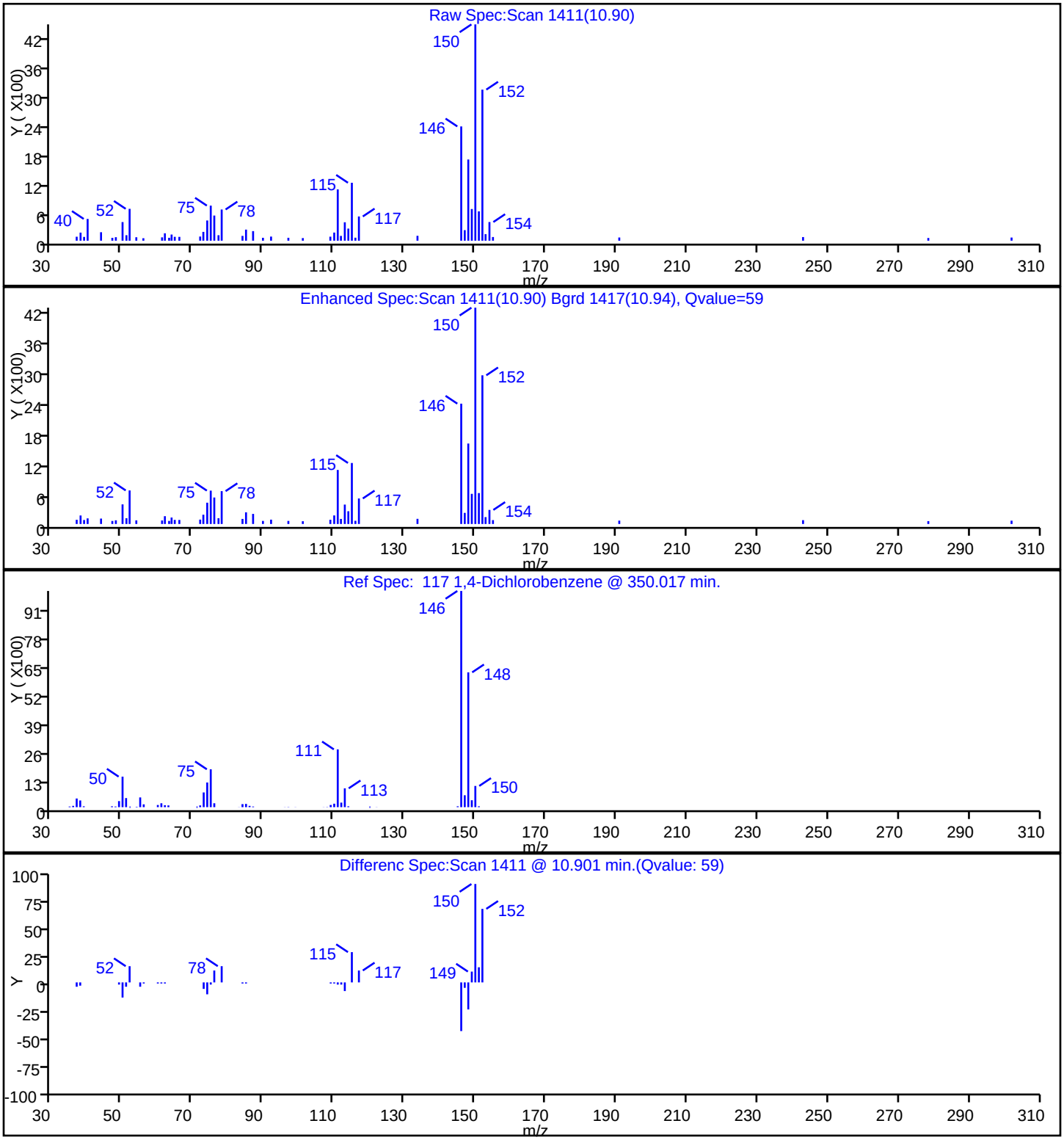
Report Date: 17-Sep-2013 17:55:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77949.D

Injection Date:	17-Sep-2013 10:08:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-10SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	13
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-VD | Lab Sample ID: 460-62993-26

Matrix: Solid | Lab File ID: O77932.D

Analysis Method: 8260B | Date Collected: 09/13/2013 11:10

Sample wt/vol: 6.195(g) | Date Analyzed: 09/17/2013 02:04

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.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.14	U	0.86	0.14
74-83-9	Bromomethane	0.37	U	0.86	0.37
75-01-4	Vinyl chloride	0.29	U	0.86	0.29
75-00-3	Chloroethane	0.28	U	0.86	0.28
75-09-2	Methylene Chloride	0.13	U	0.86	0.13
67-64-1	Acetone	11	B	4.3	1.4
75-15-0	Carbon disulfide	0.13	U	0.86	0.13
75-69-4	Trichlorofluoromethane	0.14	U	0.86	0.14
75-35-4	1,1-Dichloroethene	0.16	U	0.86	0.16
75-34-3	1,1-Dichloroethane	0.094	U	0.86	0.094
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.86	0.11
156-59-2	cis-1,2-Dichloroethene	0.094	U	0.86	0.094
67-66-3	Chloroform	0.21	U	0.86	0.21
78-93-3	2-Butanone	0.54	U	4.3	0.54
107-06-2	1,2-Dichloroethane	0.15	U	0.86	0.15
71-55-6	1,1,1-Trichloroethane	0.11	U	0.86	0.11
56-23-5	Carbon tetrachloride	0.13	U	0.86	0.13
71-43-2	Benzene	0.13	U	0.86	0.13
75-25-2	Bromoform	0.15	U	0.86	0.15
100-42-5	Styrene	0.24	U	0.86	0.24
100-41-4	Ethylbenzene	0.15	U	0.86	0.15
108-90-7	Chlorobenzene	0.15	U	0.86	0.15
110-82-7	Cyclohexane	0.11	U	0.86	0.11
98-82-8	Isopropylbenzene	0.094	U	0.86	0.094
591-78-6	2-Hexanone	0.11	U	4.3	0.11
1634-04-4	MTBE	0.094	U	0.86	0.094
76-13-1	Freon TF	0.094	U	0.86	0.094
79-20-9	Methyl acetate	0.27	U	0.86	0.27
123-91-1	1,4-Dioxane	11	U	17	11
79-01-6	Trichloroethene	0.10	U	0.86	0.10
108-88-3	Toluene	0.12	U	0.86	0.12
10061-02-6	trans-1,3-Dichloropropene	0.086	U	0.86	0.086
108-10-1	4-Methyl-2-pentanone	0.17	U	4.3	0.17
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.86	0.12
95-50-1	1,2-Dichlorobenzene	0.086	U	0.86	0.086
541-73-1	1,3-Dichlorobenzene	0.14	U	0.86	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-VD | Lab Sample ID: 460-62993-26

Matrix: Solid | Lab File ID: O77932.D

Analysis Method: 8260B | Date Collected: 09/13/2013 11:10

Sample wt/vol: 6.195(g) | Date Analyzed: 09/17/2013 02:04

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.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.48	J	0.86	0.094
120-82-1	1,2,4-Trichlorobenzene	0.34	J	0.86	0.16
87-61-6	1,2,3-Trichlorobenzene	0.14	U	0.86	0.14
78-87-5	1,2-Dichloropropane	0.13	U	0.86	0.13
108-87-2	Methylcyclohexane	0.086	U	0.86	0.086
127-18-4	Tetrachloroethene	0.10	U	0.86	0.10
1330-20-7	Xylenes, Total	0.57	U	2.6	0.57
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	0.86	0.38
79-34-5	1,1,2,2-Tetrachloroethane	0.077	U	0.86	0.077
79-00-5	1,1,2-Trichloroethane	0.12	U	0.86	0.12
124-48-1	Dibromochloromethane	0.086	U	0.86	0.086
106-93-4	1,2-Dibromoethane	0.13	U	0.86	0.13
75-71-8	Dichlorodifluoromethane	0.19	U	0.86	0.19
74-97-5	Bromochloromethane	0.094	U	0.86	0.094
75-27-4	Bromodichloromethane	0.27	U	0.86	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	125		70-130
2037-26-5	Toluene-d8 (Surr)	108		70-130
460-00-4	Bromofluorobenzene	104		70-130
1868-53-7	Dibromofluoromethane (Surr)	108		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-VD Lab Sample ID: 460-62993-26

Matrix: Solid Lab File ID: O77932.D

Analysis Method: 8260B Date Collected: 09/13/2013 11:10

Sample wt/vol: 6.195(g) Date Analyzed: 09/17/2013 02:04

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.: 181583 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77932.D		
Lims ID:	460-62993-A-26-A	Client ID:	PMP-13SE-VD
Inject. Date:	17-Sep-2013 02:04:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-26-A		
Misc. Info.:	460-0004675-025		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	24
Lims Batch ID:	181583	Lims Sample ID:	25
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m		
Last Update:	20-Sep-2013 13:58:16	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK016		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 11:24:45

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.618	1.625	-0.007	72	4228	13.4	
* 151 TBA-d9 (IS)	65	1.897	1.897	0.0	95	166962	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.079	0.007	97	44565	54.0	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.358	0.0	86	45661	62.6	
* 59 Fluorobenzene	96	3.652	3.652	0.0	100	179033	50.0	
* 150 1,4-Dioxane-d8	96	4.354	4.354	0.0	81	15983	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	98	195749	53.9	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	181333	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	94	73905	52.1	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	94	106443	50.0	
117 1,4-Dichlorobenzene	146	10.915	10.901	0.014	42	2069	0.5597	
124 1,2,4-Trichlorobenzene	180	13.229	13.229	0.0	51	1168	0.4013	

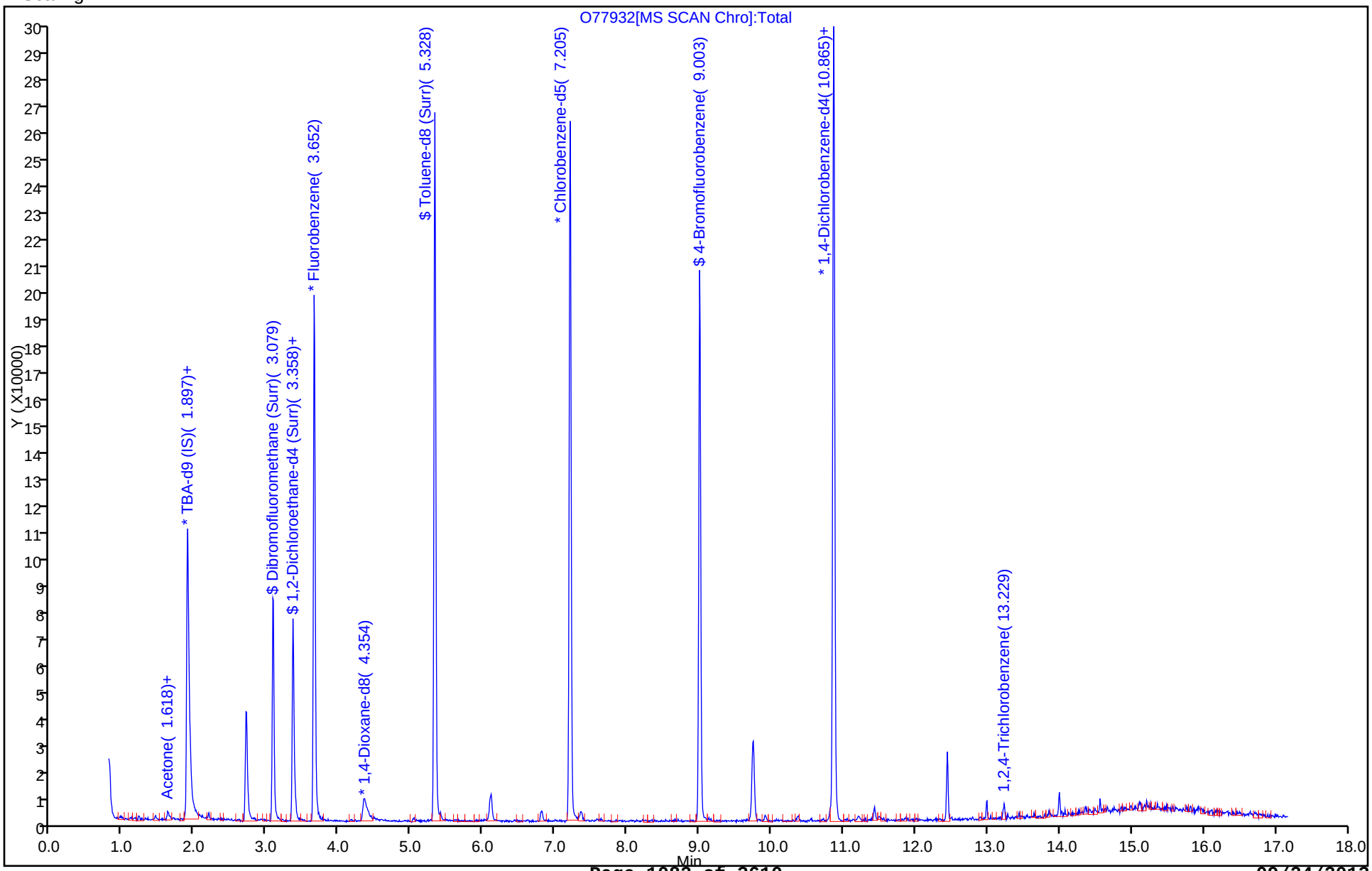
Report Date: 20-Sep-2013 13:58:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77932.D

Injection Date:	17-Sep-2013 02:04:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	25
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



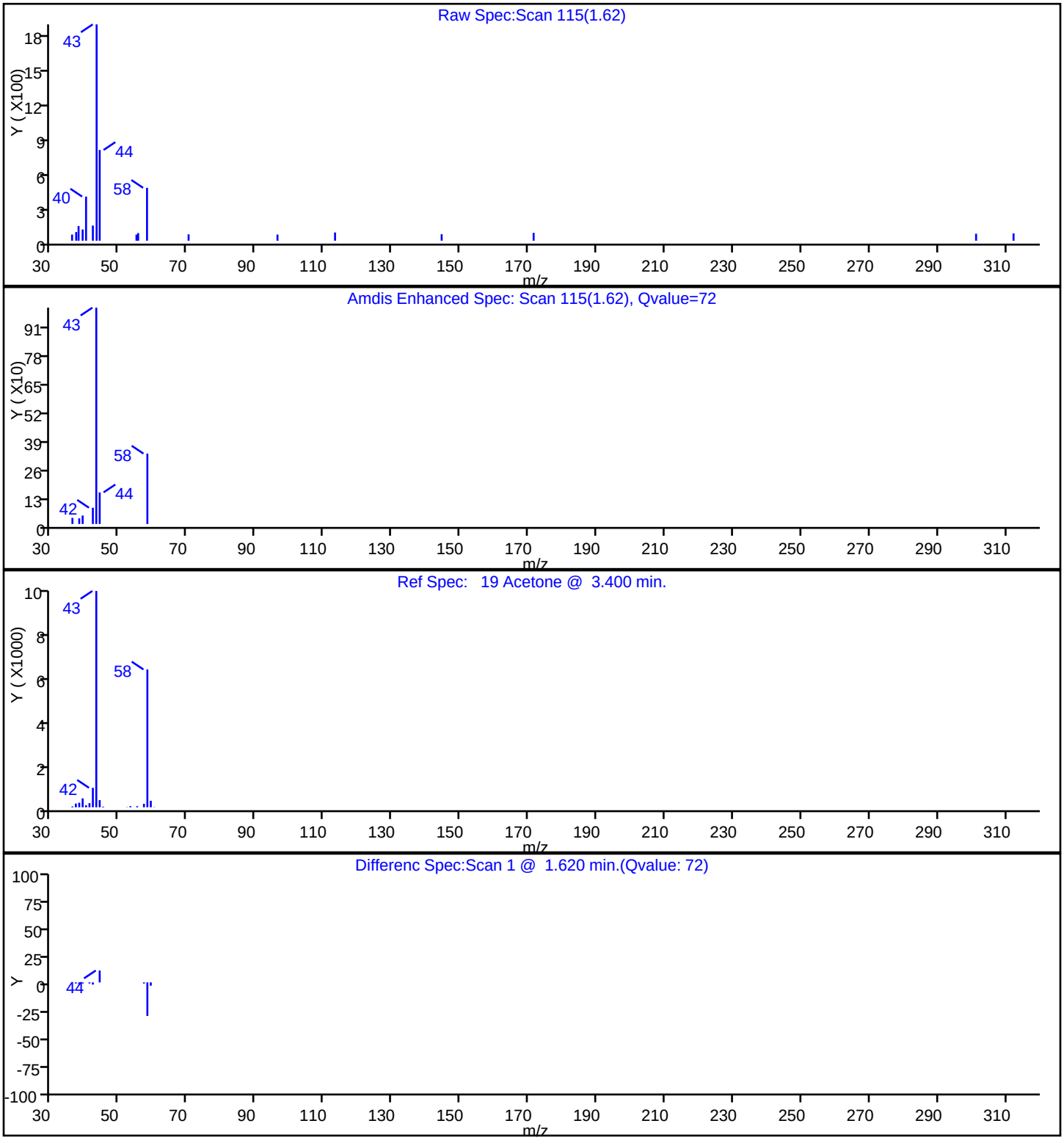
Report Date: 20-Sep-2013 13:58:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77932.D

Injection Date:	17-Sep-2013 02:04:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	25
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



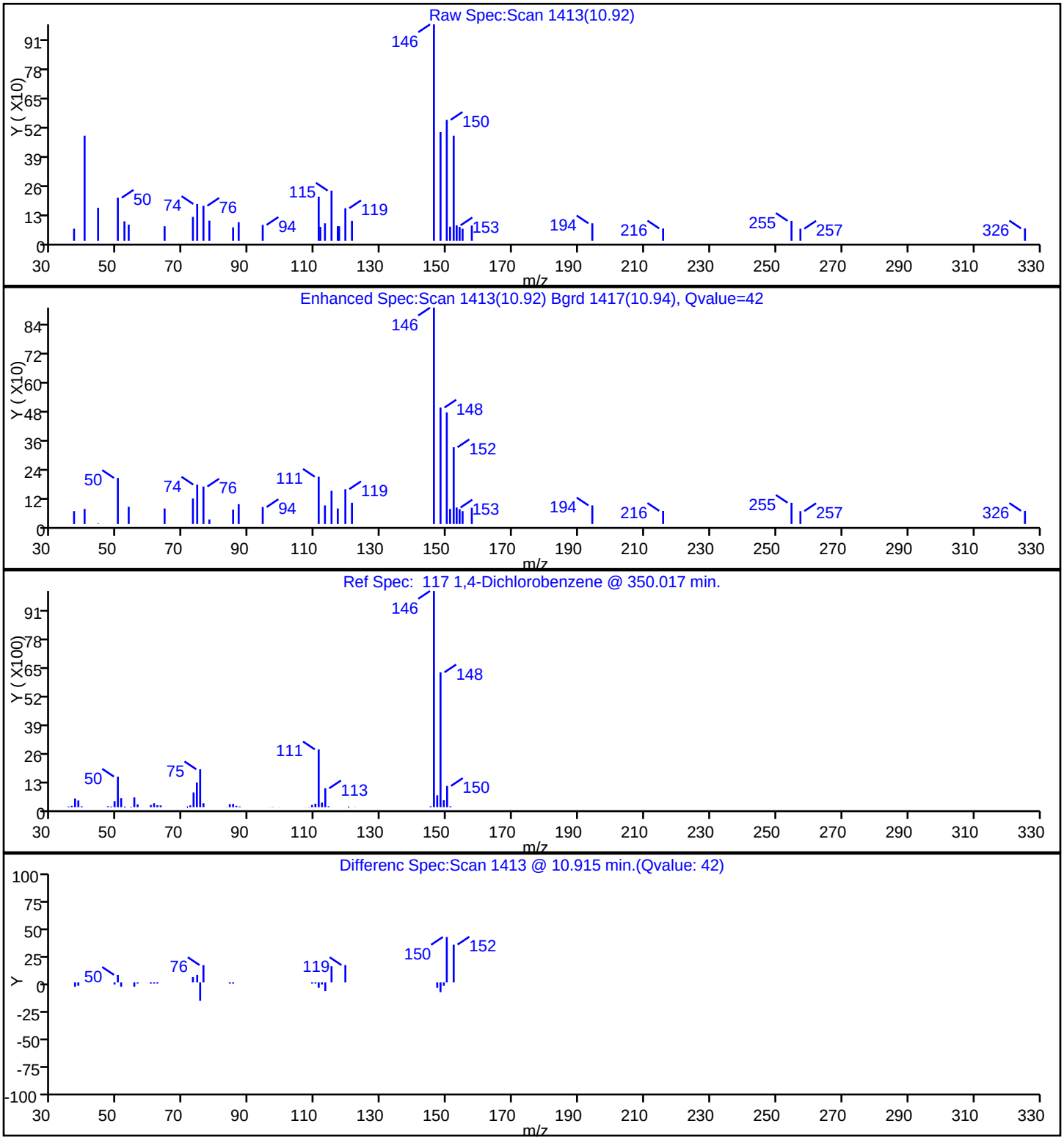
Report Date: 20-Sep-2013 13:58:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77932.D

Injection Date:	17-Sep-2013 02:04:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	25
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



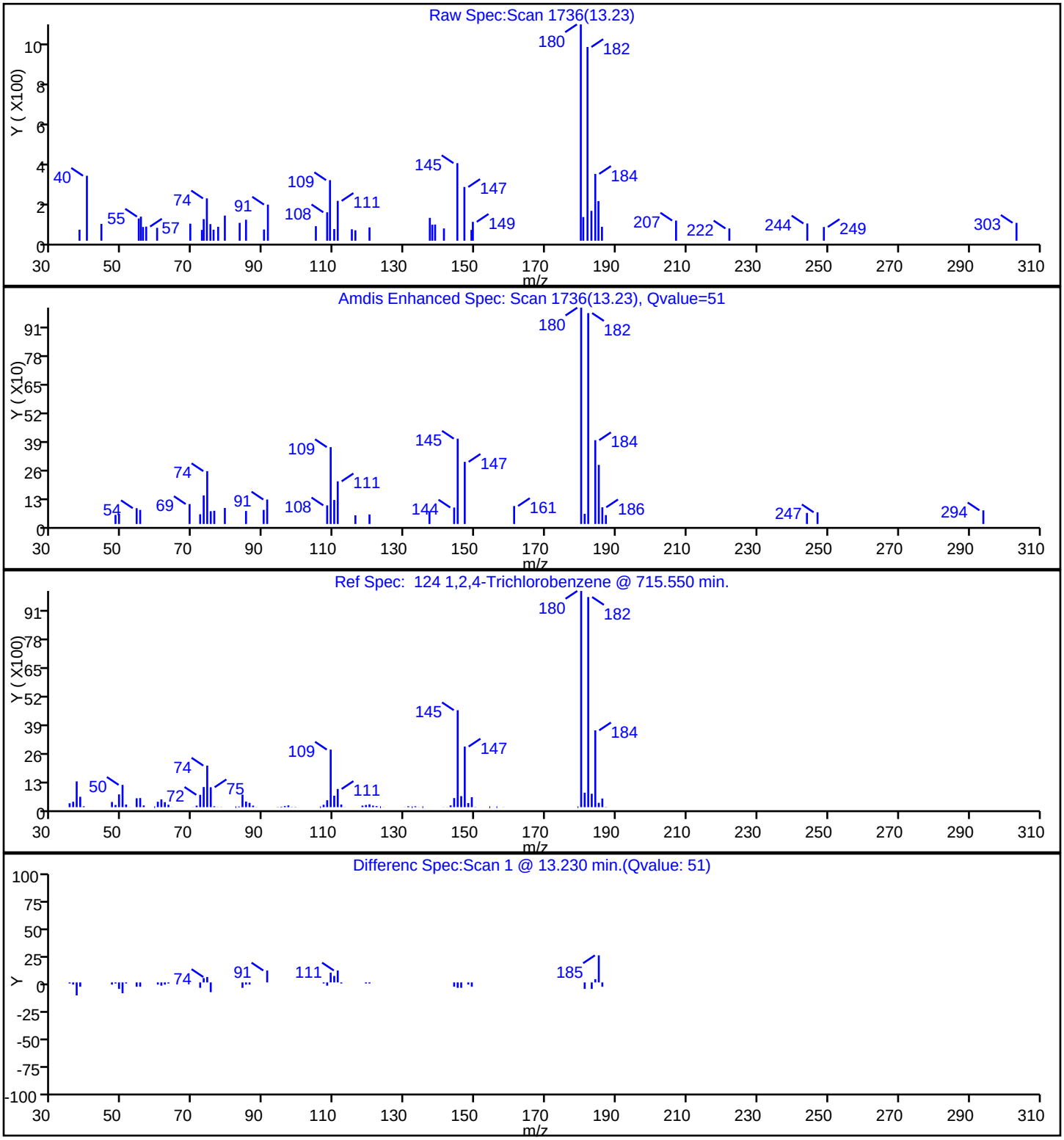
Report Date: 20-Sep-2013 13:58:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77932.D

Injection Date:	17-Sep-2013 02:04:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	25
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-WT | Lab Sample ID: 460-62993-27

Matrix: Solid | Lab File ID: O77950.D

Analysis Method: 8260B | Date Collected: 09/13/2013 11:15

Sample wt/vol: 5.466(g) | Date Analyzed: 09/17/2013 10:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.6 | Level: (low/med) Low

Analysis Batch No.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.17	U	1.0	0.17
74-83-9	Bromomethane	0.45	U	1.0	0.45
75-01-4	Vinyl chloride	0.36	U	1.0	0.36
75-00-3	Chloroethane	0.35	U	1.0	0.35
75-09-2	Methylene Chloride	0.16	U	1.0	0.16
67-64-1	Acetone	11	B	5.2	1.8
75-15-0	Carbon disulfide	0.19	J	1.0	0.16
75-69-4	Trichlorofluoromethane	0.17	U	1.0	0.17
75-35-4	1,1-Dichloroethene	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.12	U	1.0	0.12
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	8.8		1.0	0.12
67-66-3	Chloroform	46		1.0	0.25
78-93-3	2-Butanone	0.66	U	5.2	0.66
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.14	U	1.0	0.14
56-23-5	Carbon tetrachloride	0.16	U	1.0	0.16
71-43-2	Benzene	0.16	U	1.0	0.16
75-25-2	Bromoform	0.18	U	1.0	0.18
100-42-5	Styrene	0.29	U	1.0	0.29
100-41-4	Ethylbenzene	0.28	J	1.0	0.18
108-90-7	Chlorobenzene	0.35	J	1.0	0.19
110-82-7	Cyclohexane	0.14	U	1.0	0.14
98-82-8	Isopropylbenzene	0.12	U	1.0	0.12
591-78-6	2-Hexanone	3.5	J	5.2	0.14
1634-04-4	MTBE	0.12	U	1.0	0.12
76-13-1	Freon TF	0.12	U	1.0	0.12
79-20-9	Methyl acetate	0.34	U	1.0	0.34
123-91-1	1,4-Dioxane	13	U	21	13
79-01-6	Trichloroethene	1.3		1.0	0.13
108-88-3	Toluene	0.48	J	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	6.8		5.2	0.21
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.17	J	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.17	U	1.0	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-WT Lab Sample ID: 460-62993-27

Matrix: Solid Lab File ID: O77950.D

Analysis Method: 8260B Date Collected: 09/13/2013 11:15

Sample wt/vol: 5.466(g) Date Analyzed: 09/17/2013 10:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.6 Level: (low/med) Low

Analysis Batch No.: 181663 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.90	J	1.0	0.12
120-82-1	1,2,4-Trichlorobenzene	0.55	J	1.0	0.20
87-61-6	1,2,3-Trichlorobenzene	0.21	J	1.0	0.17
78-87-5	1,2-Dichloropropane	0.16	U	1.0	0.16
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.32	J	1.0	0.13
1330-20-7	Xylenes, Total	2.0	J	3.1	0.70
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U *	1.0	0.46
79-34-5	1,1,2,2-Tetrachloroethane	0.094	U	1.0	0.094
79-00-5	1,1,2-Trichloroethane	0.15	U	1.0	0.15
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.16	U	1.0	0.16
75-71-8	Dichlorodifluoromethane	0.23	U	1.0	0.23
74-97-5	Bromochloromethane	0.12	U	1.0	0.12
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
2037-26-5	Toluene-d8 (Surr)	108		70-130
460-00-4	Bromofluorobenzene	97		70-130
1868-53-7	Dibromofluoromethane (Surr)	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-WT Lab Sample ID: 460-62993-27

Matrix: Solid Lab File ID: O77950.D

Analysis Method: 8260B Date Collected: 09/13/2013 11:15

Sample wt/vol: 5.466(g) Date Analyzed: 09/17/2013 10:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.6 Level: (low/med) Low

Analysis Batch No.: 181663 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 8.8

CAS NO.	COMPOUND NAME	RT	RESULT	Q
76-00-6	2-Propanol, 1,1,1-trichloro-	10.09	8.8	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77950.D
Lims ID: 460-62993-A-27-A
Client ID: PMP-13SE-WT
Inject. Date: 17-Sep-2013 10:33:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-62993-A-27-A
Misc. Info.: 460-0004695-014
Operator: VOA GC/MS12
Instrument ID: CVOAMS12
Purge Vol: 5.000 mL
ALS Bottle#: 13
Lims Batch ID: 181663
Lims Sample ID: 14
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\8260S_12.m
Last Update: 20-Sep-2013 14:15:34
Calib Date: 06-Aug-2013 22:09:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D
Limit Group: VOA - 8260B Water and Solid
Integrator: RTE
ID Type: Deconvolution ID
Column Type: Rtx-624
Column Dia: 0.25 mm
Process Host: XAWRK016

First Level Reviewer: tupayachia
Date: 17-Sep-2013 17:57:18

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.625	1.632	-0.007	75	7598	10.5	
21 Carbon disulfide	76	1.704	1.704	0.0	92	1745	0.1811	
* 151 TBA-d9 (IS)	65	1.897	1.911	-0.014	84	244572	1000.0	
42 cis-1,2-Dichloroethene	96	2.707	2.707	0.0	92	26676	8.41	
47 Chloroform	83	2.957	2.957	0.0	94	197966	43.9	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	96	84590	48.8	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.366	-0.008	87	86755	56.7	
* 59 Fluorobenzene	96	3.659	3.659	0.0	100	375964	50.0	
61 Trichloroethene	95	4.003	4.003	0.0	84	3446	1.22	
* 150 1,4-Dioxane-d8	96	4.354	4.347	0.007	81	22615	1000.0	
75 4-Methyl-2-pentanone (MIBK)	43	5.249	5.257	-0.008	71	10653	6.47	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	98	379993	53.8	
77 Toluene	91	5.407	5.407	0.0	86	5593	0.4577	
80 Tetrachloroethene	166	6.073	6.073	0.0	50	1041	0.3061	
83 2-Hexanone	43	6.324	6.331	-0.007	90	6197	3.35	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	352999	50.0	
88 Chlorobenzene	112	7.241	7.248	-0.007	46	2709	0.3333	
89 Ethylbenzene	106	7.448	7.441	0.007	72	1204	0.2685	
91 m-Xylene & p-Xylene	106	7.628	7.628	0.0	85	3656	0.6834	
92 o-Xylene	106	8.201	8.201	0.0	85	6225	1.23	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	93	134689	48.7	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	203630	50.0	
117 1,4-Dichlorobenzene	146	10.908	10.901	0.007	80	6076	0.8592	
121 1,2-Dichlorobenzene	146	11.460	11.453	0.007	67	1051	0.1577	
124 1,2,4-Trichlorobenzene	180	13.229	13.229	0.0	53	2942	0.5284	
128 1,2,3-Trichlorobenzene	180	13.644	13.645	-0.001	58	961	0.1966	
S 131 Xylenes, Total	100				0		1.91	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77950.D		
Lims ID:	460-62993-A-27-A	Client ID:	PMP-13SE-WT
Inject. Date:	17-Sep-2013 10:33:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-27-A		
Misc. Info.:	460-0004695-014		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	13
Lims Batch ID:	181663	Lims Sample ID:	14
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\8260S_12.m		
Last Update:	20-Sep-2013 14:15:34	Calib Date:	06-Aug-2013 22:09:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	40		
Process Host:	XAWRK016		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 17:57:18

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	76-00-6	2-Propanol, 1,1,1-trichloro-				
10.092	164378	8.45	87	72	30762	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 87 Chlorobenzene-d5	7.205	972881	50.0

QC Flag Legend

Processing Flags

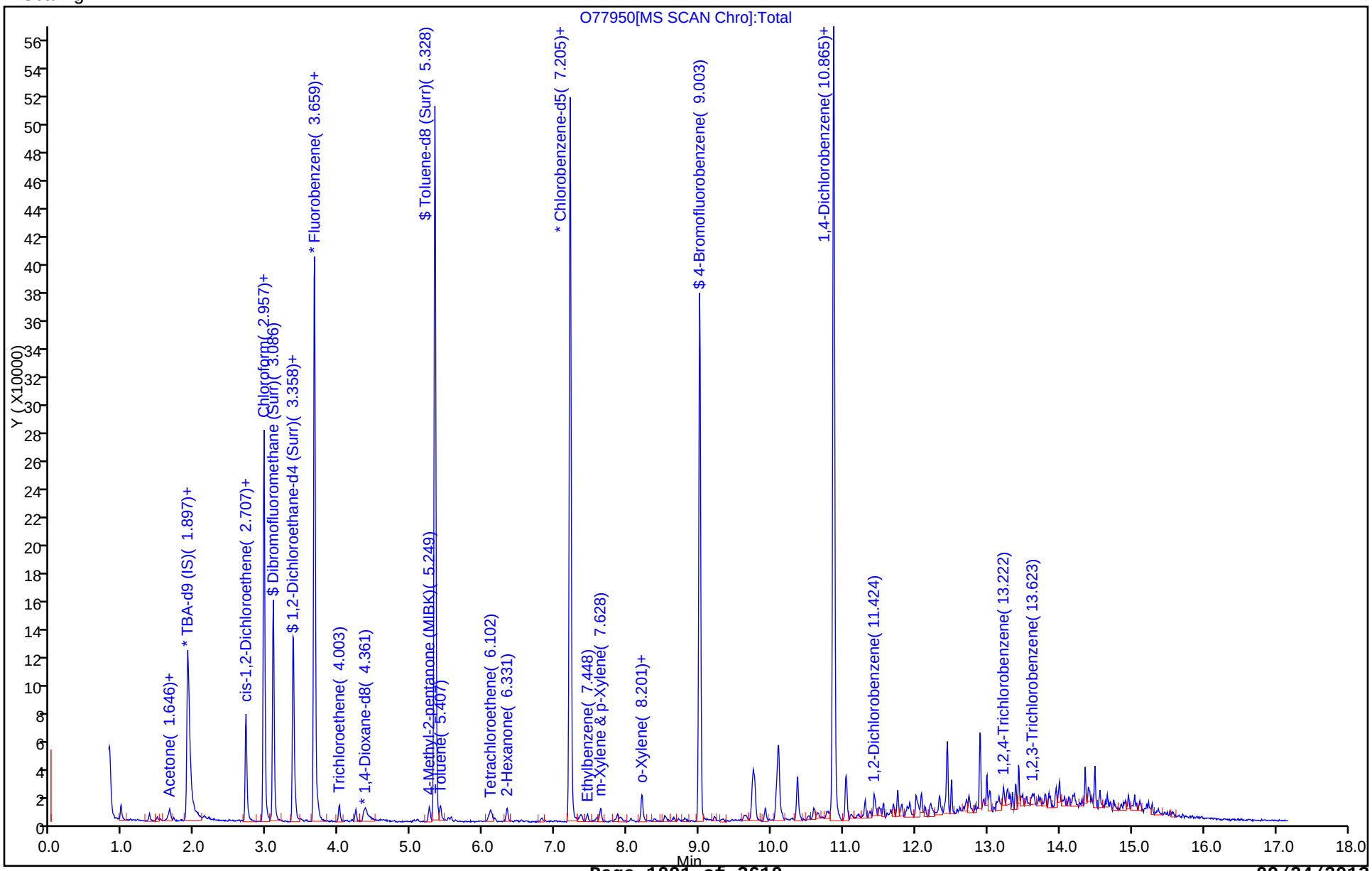
Report Date: 20-Sep-2013 14:18:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77950.D

Injection Date:	17-Sep-2013 10:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



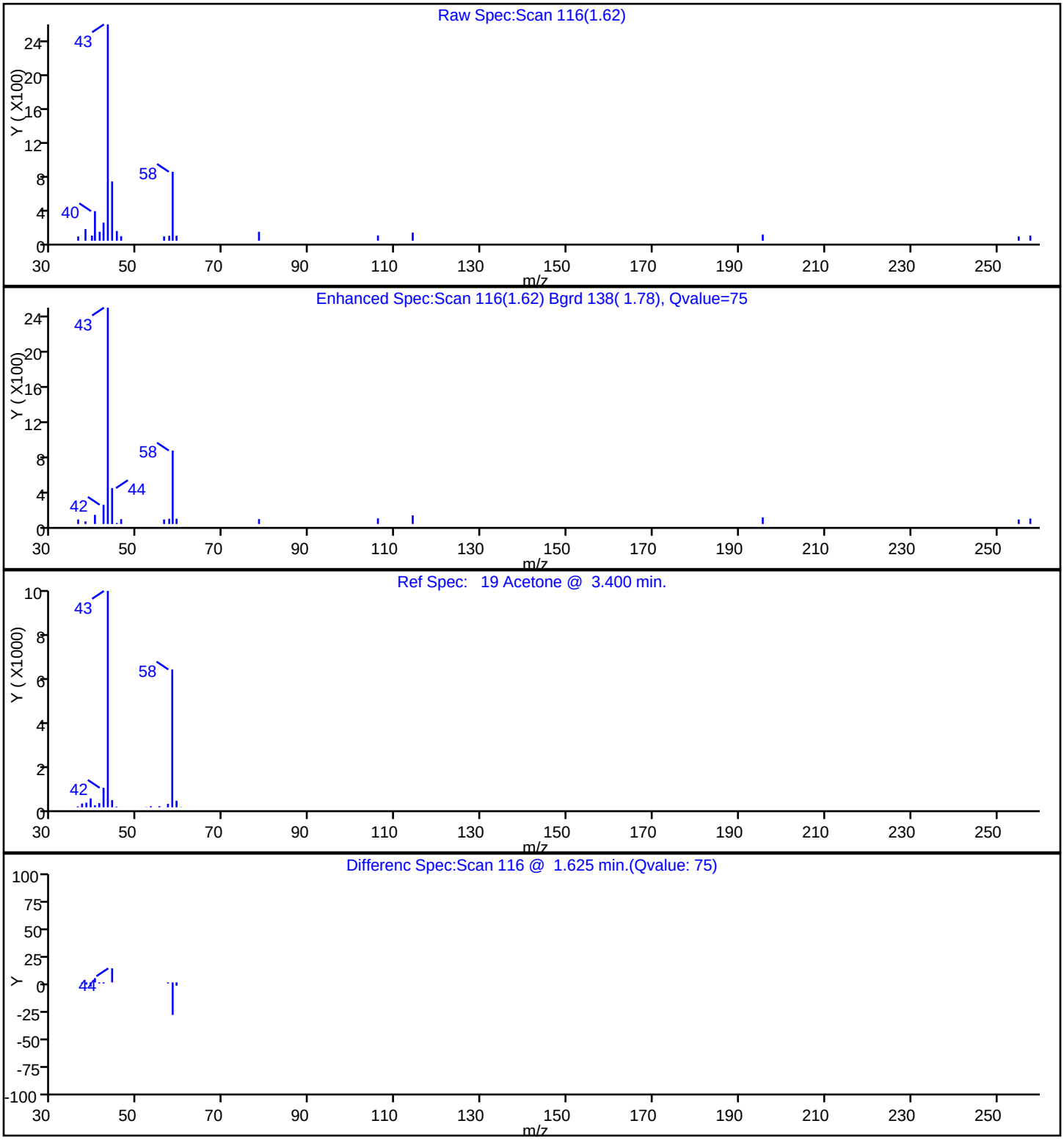
Report Date: 20-Sep-2013 14:18:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77950.D

Injection Date:	17-Sep-2013 10:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



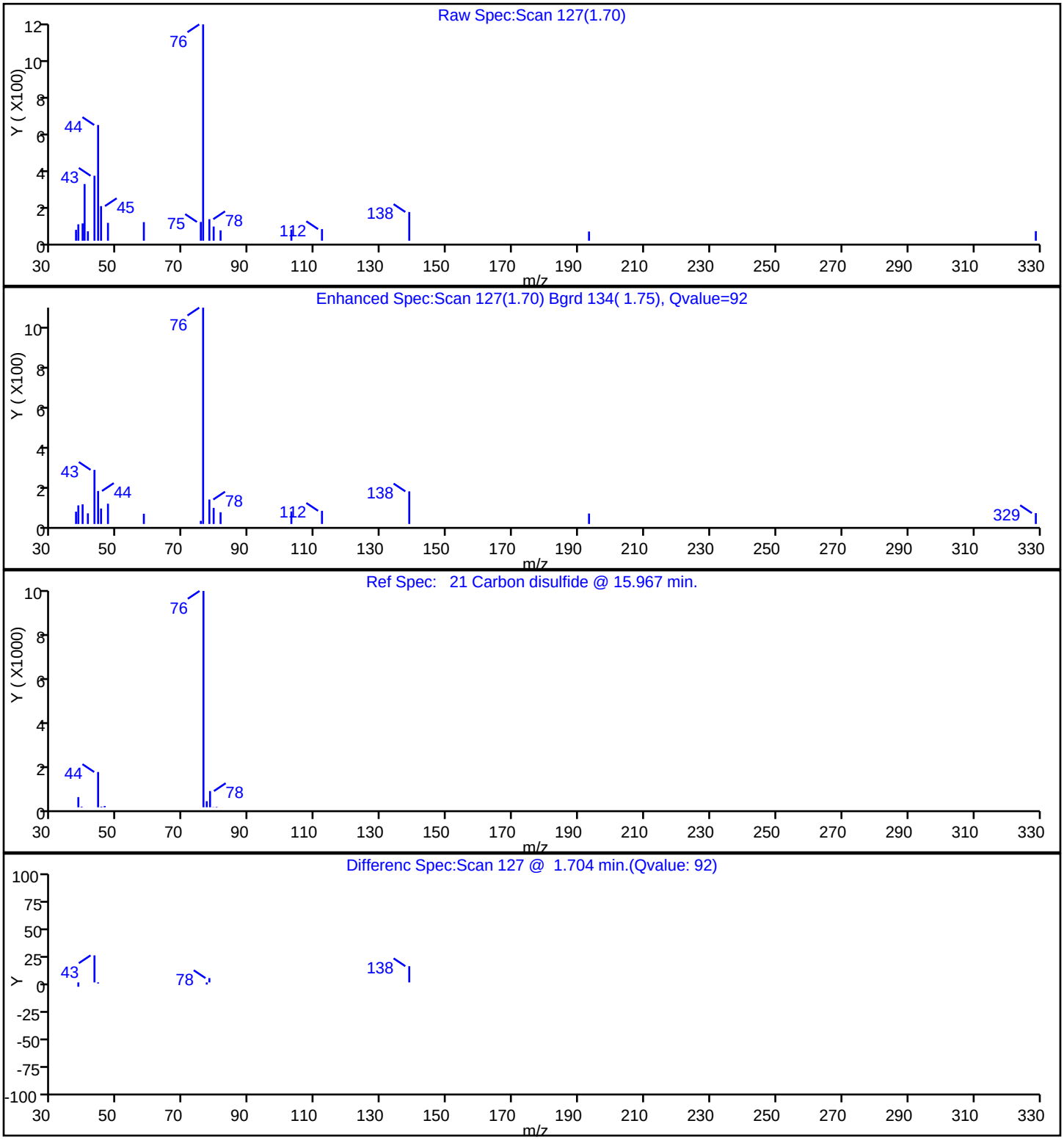
Report Date: 20-Sep-2013 14:18:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77950.D

Injection Date:	17-Sep-2013 10:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

21 Carbon disulfide



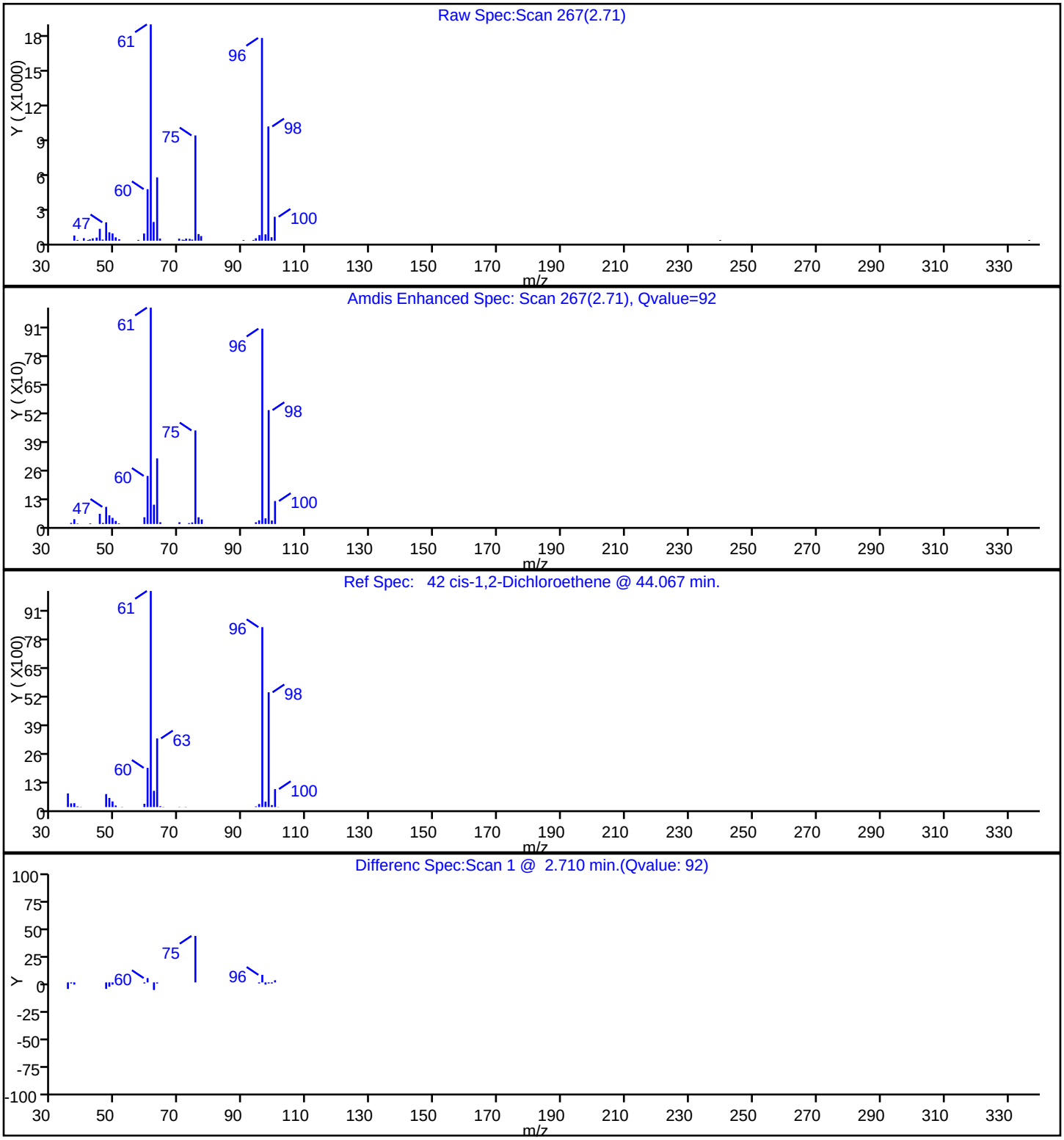
Report Date: 20-Sep-2013 14:18:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77950.D

Injection Date:	17-Sep-2013 10:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

42 cis-1,2-Dichloroethene



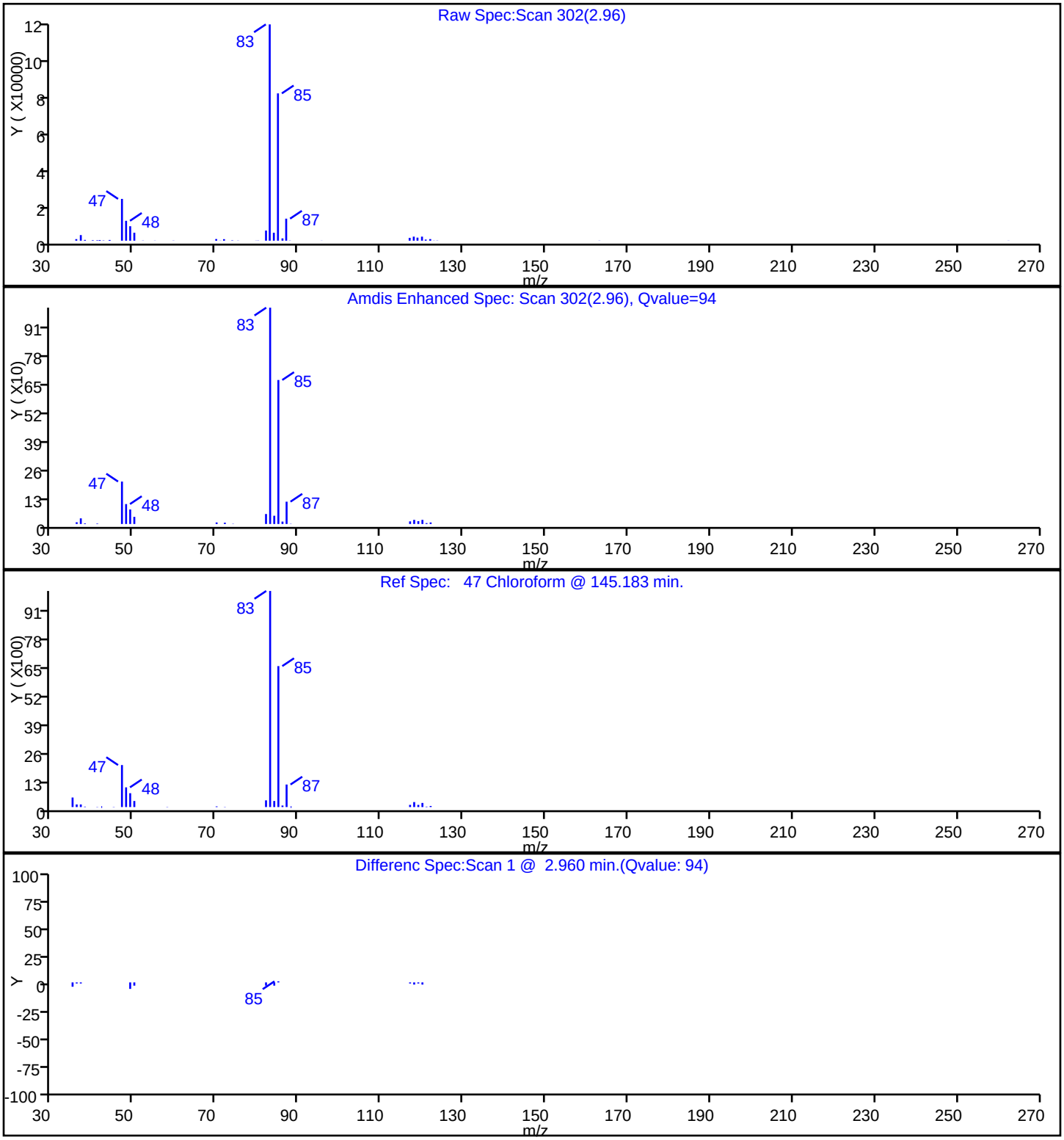
Report Date: 20-Sep-2013 14:18:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77950.D

Injection Date:	17-Sep-2013 10:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



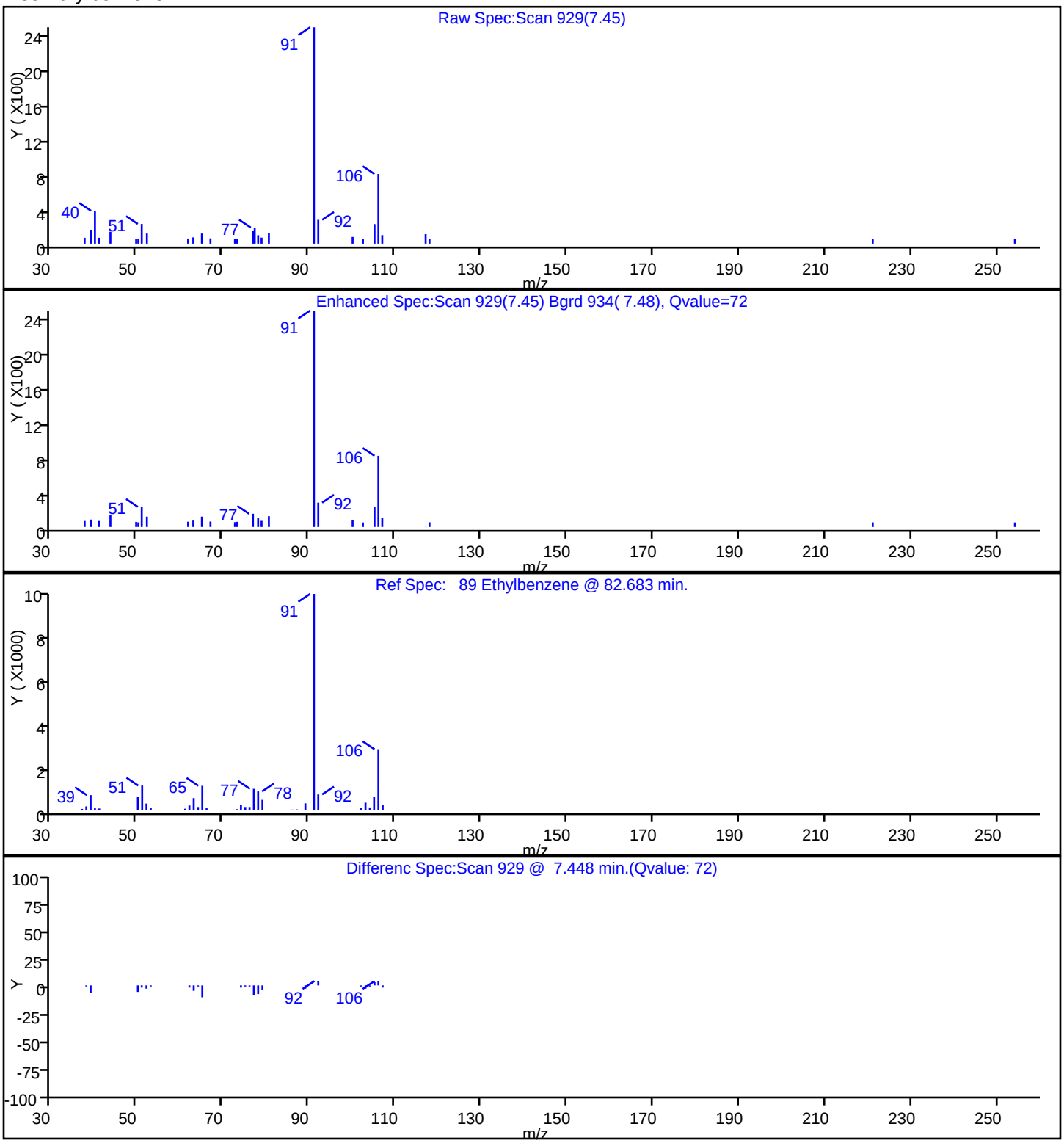
Report Date: 20-Sep-2013 14:18:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77950.D

Injection Date:	17-Sep-2013 10:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

89 Ethylbenzene



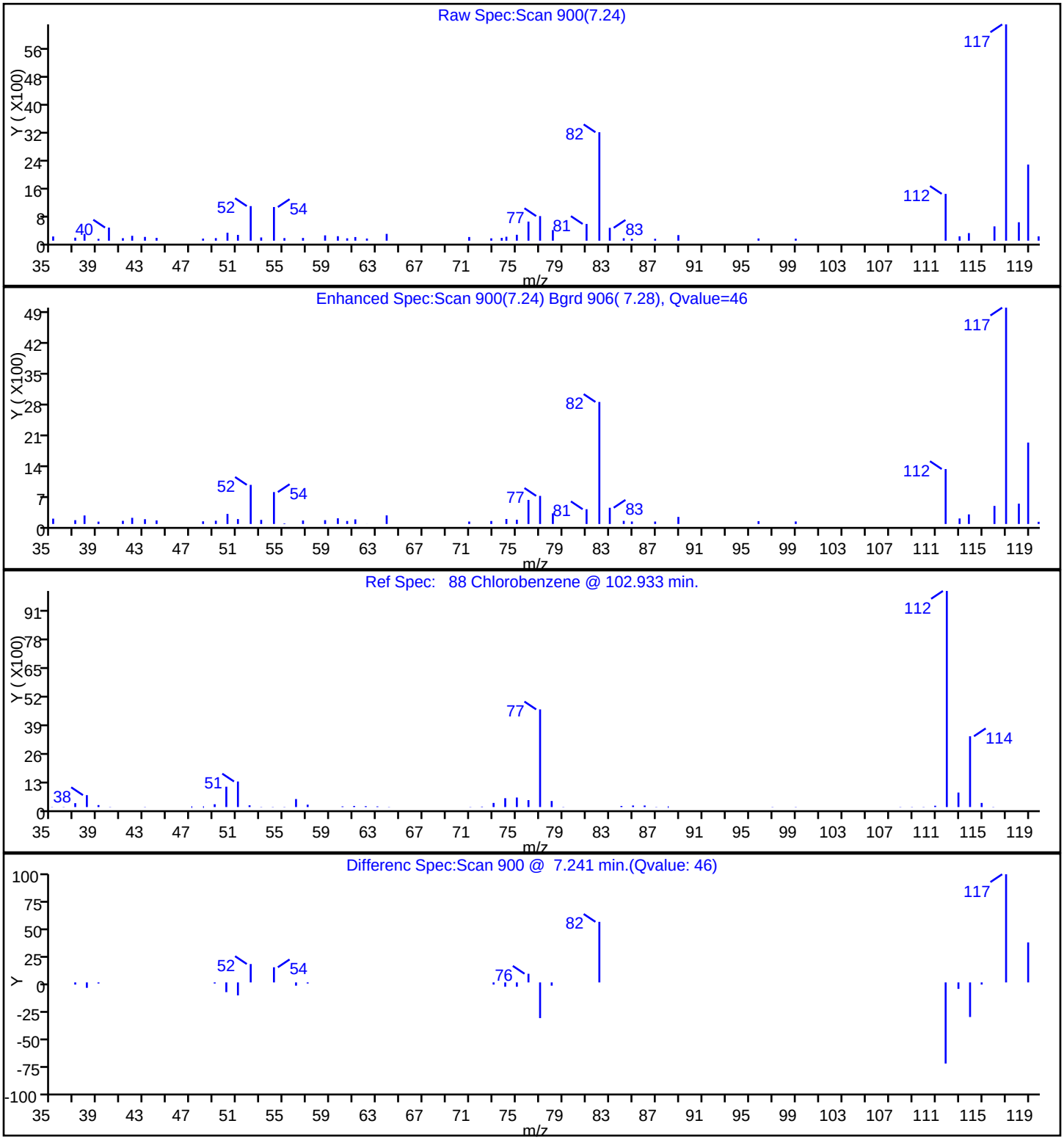
Report Date: 20-Sep-2013 14:18:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77950.D

Injection Date:	17-Sep-2013 10:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

88 Chlorobenzene



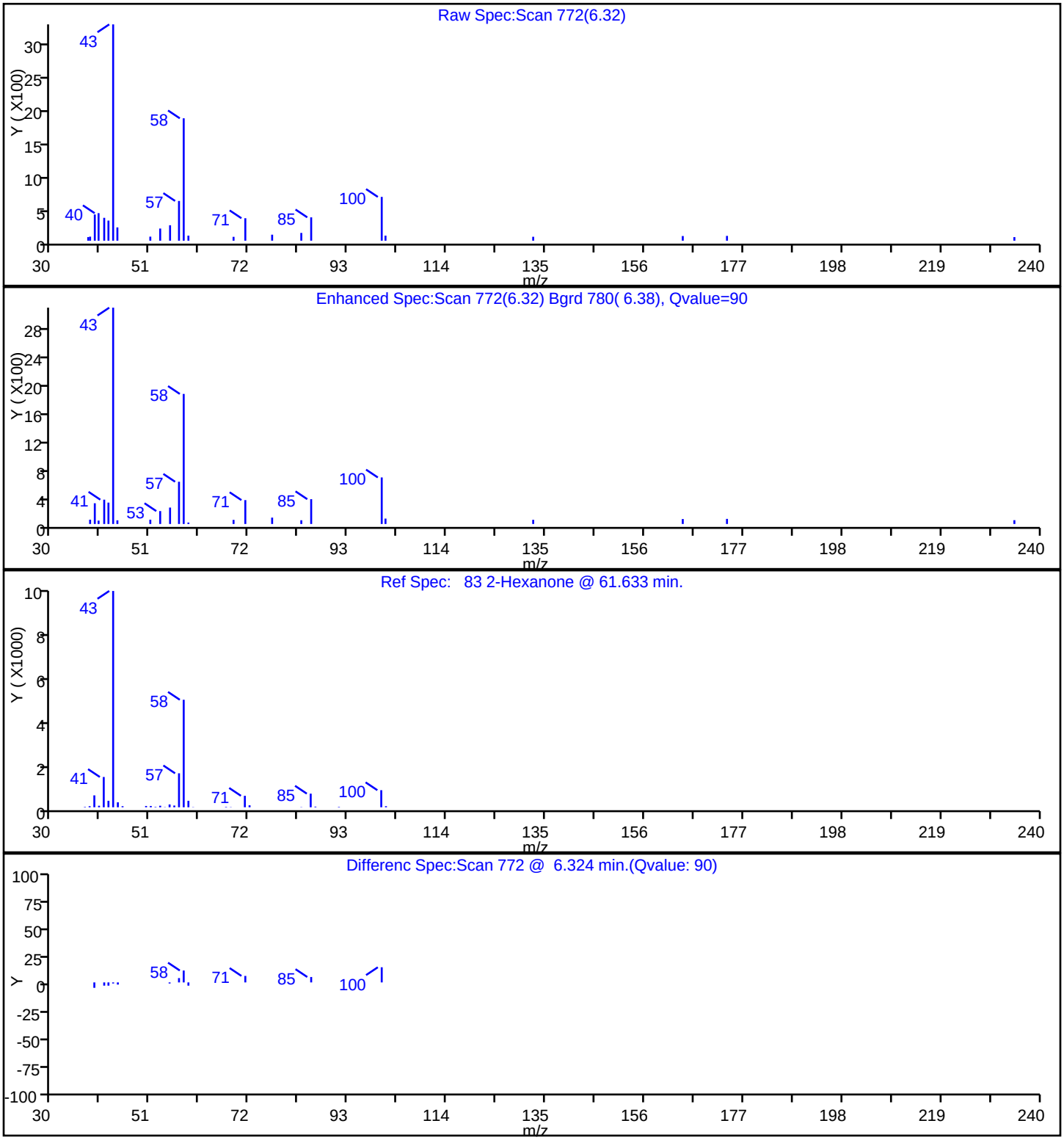
Report Date: 20-Sep-2013 14:18:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77950.D

Injection Date:	17-Sep-2013 10:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

83 2-Hexanone



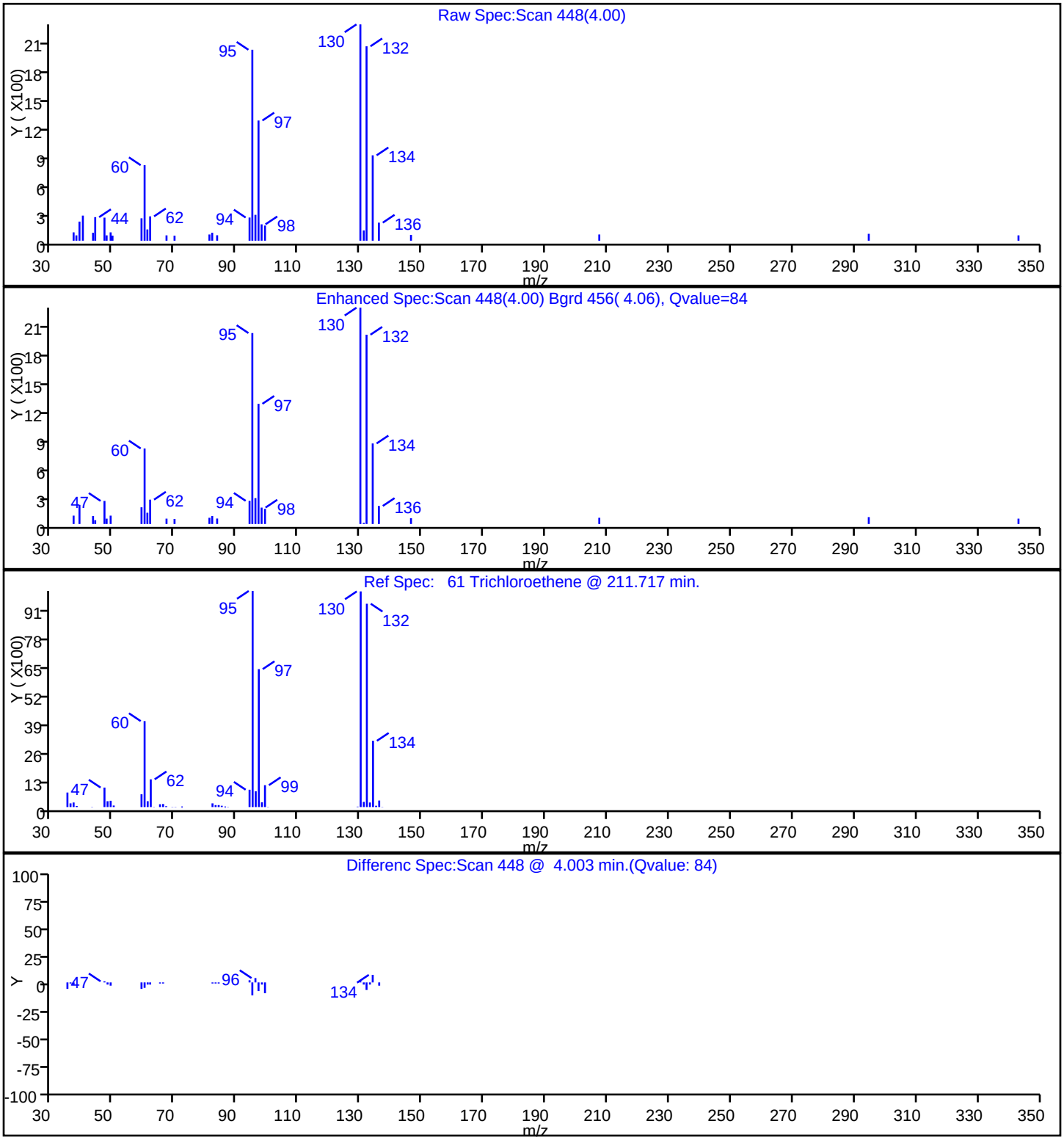
Report Date: 20-Sep-2013 14:18:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77950.D

Injection Date:	17-Sep-2013 10:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

61 Trichloroethene

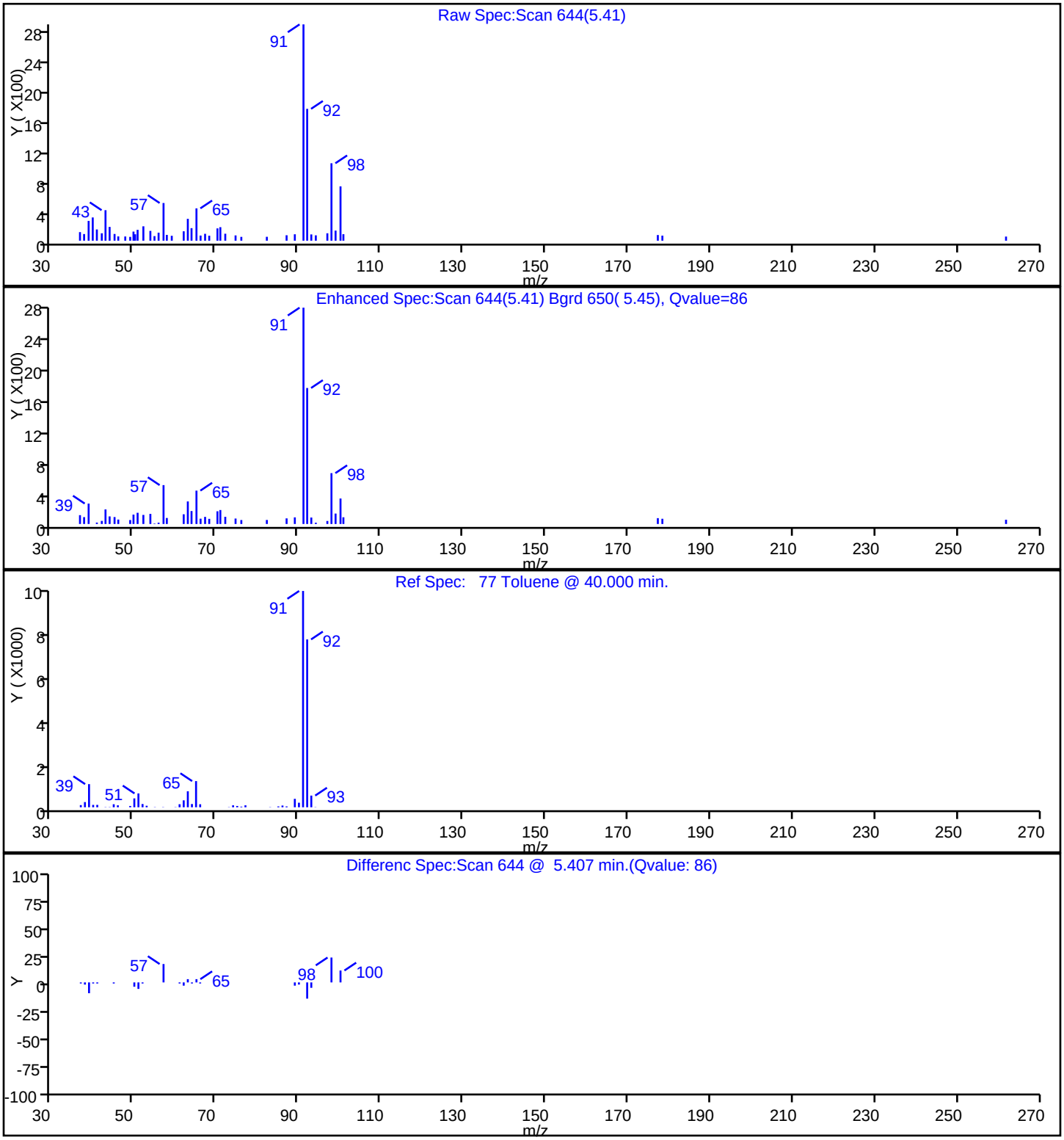


Report Date: 20-Sep-2013 14:18:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77950.D		
Injection Date:	17-Sep-2013 10:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

77 Toluene



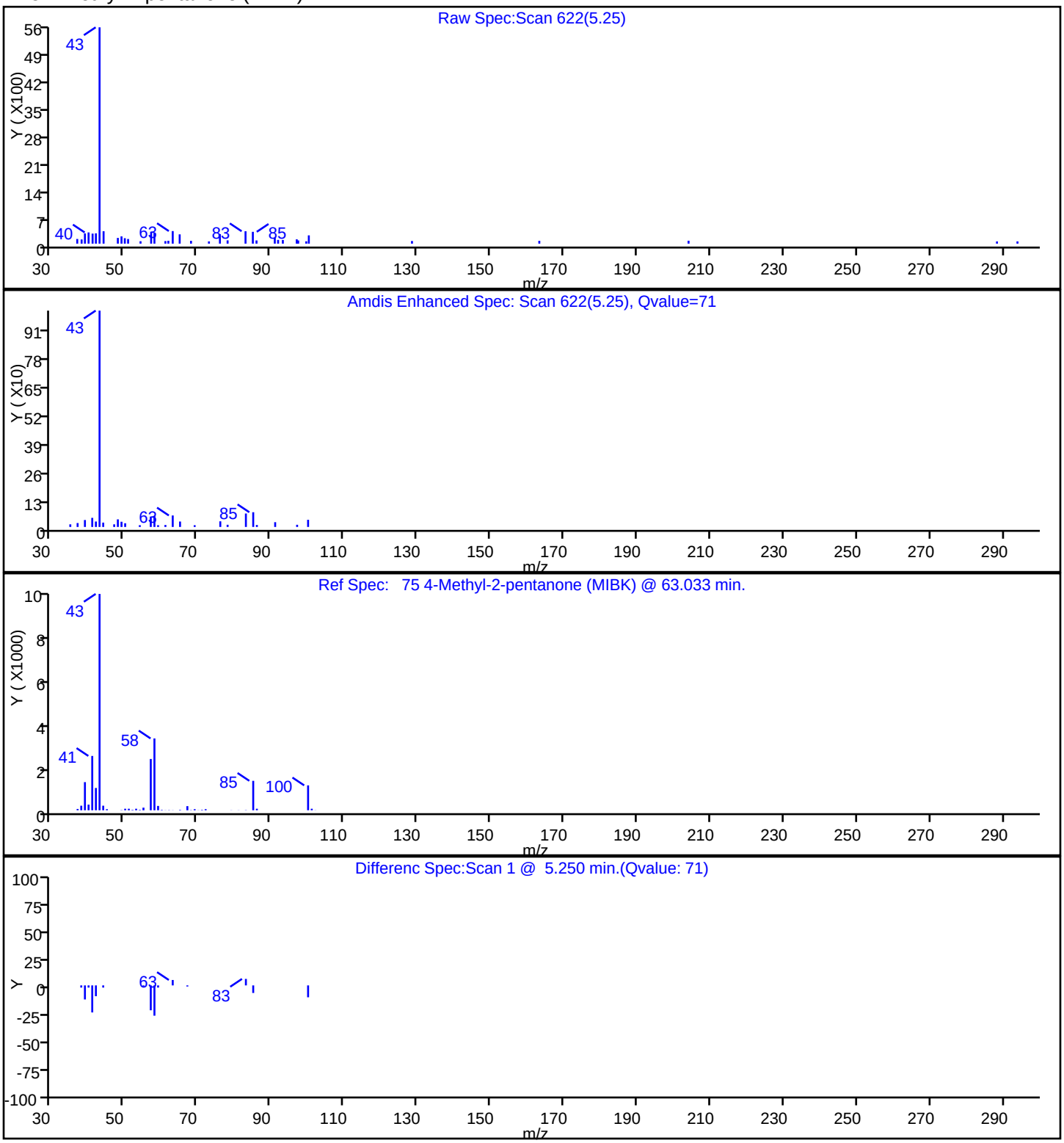
Report Date: 20-Sep-2013 14:18:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77950.D

Injection Date:	17-Sep-2013 10:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

75 4-Methyl-2-pentanone (MIBK)



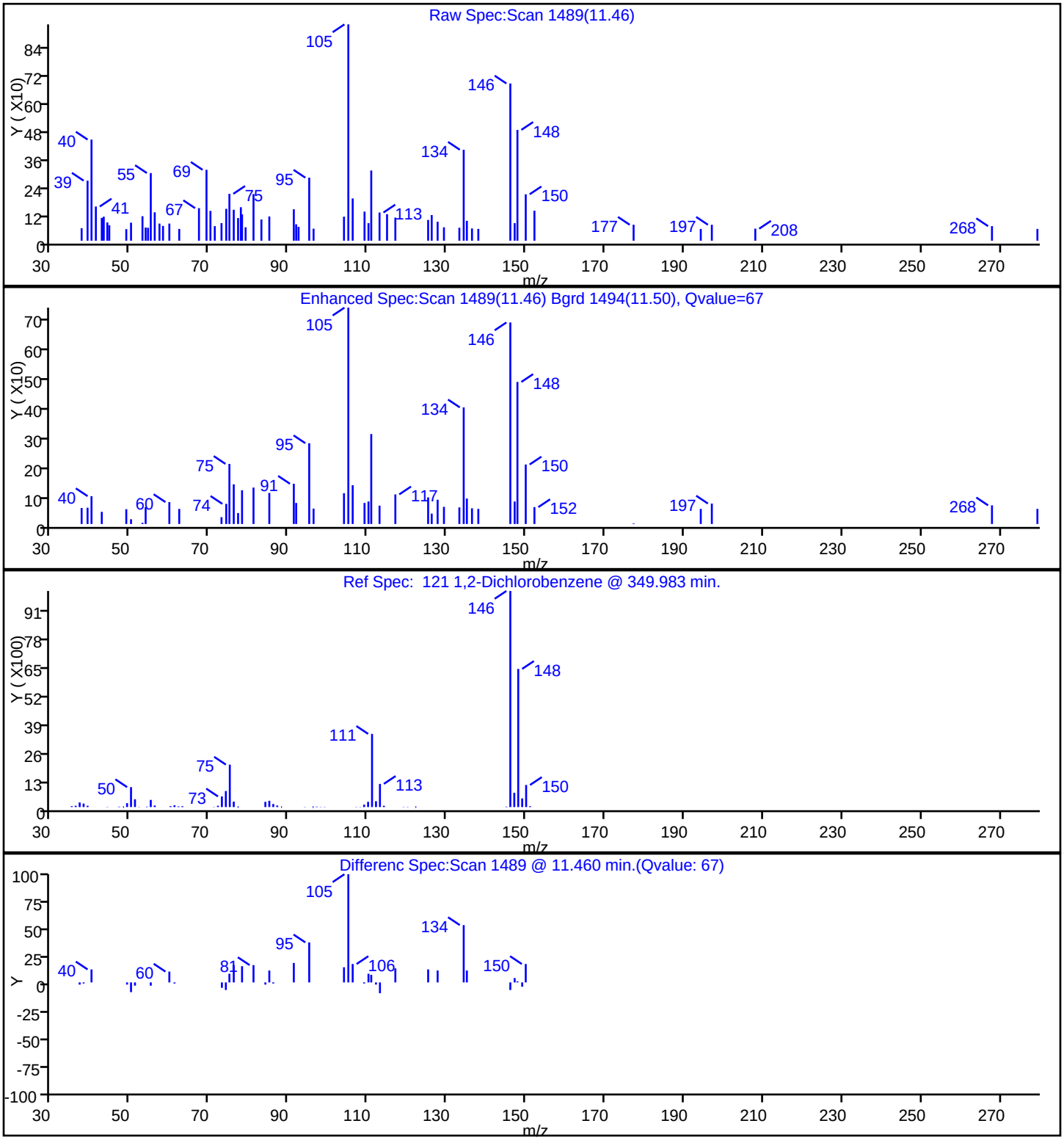
Report Date: 20-Sep-2013 14:18:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77950.D

Injection Date:	17-Sep-2013 10:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

121 1,2-Dichlorobenzene



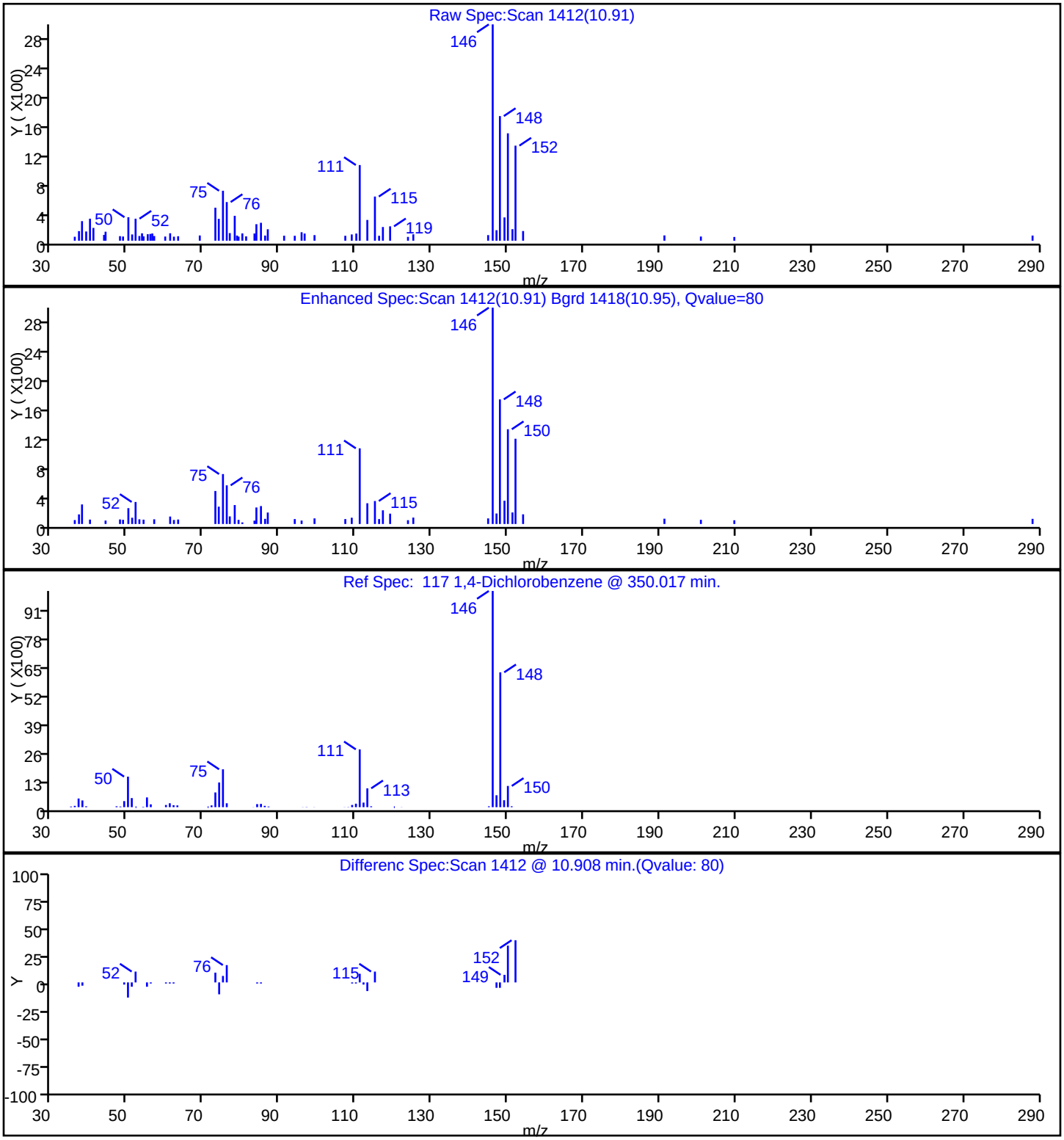
Report Date: 20-Sep-2013 14:18:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77950.D

Injection Date:	17-Sep-2013 10:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



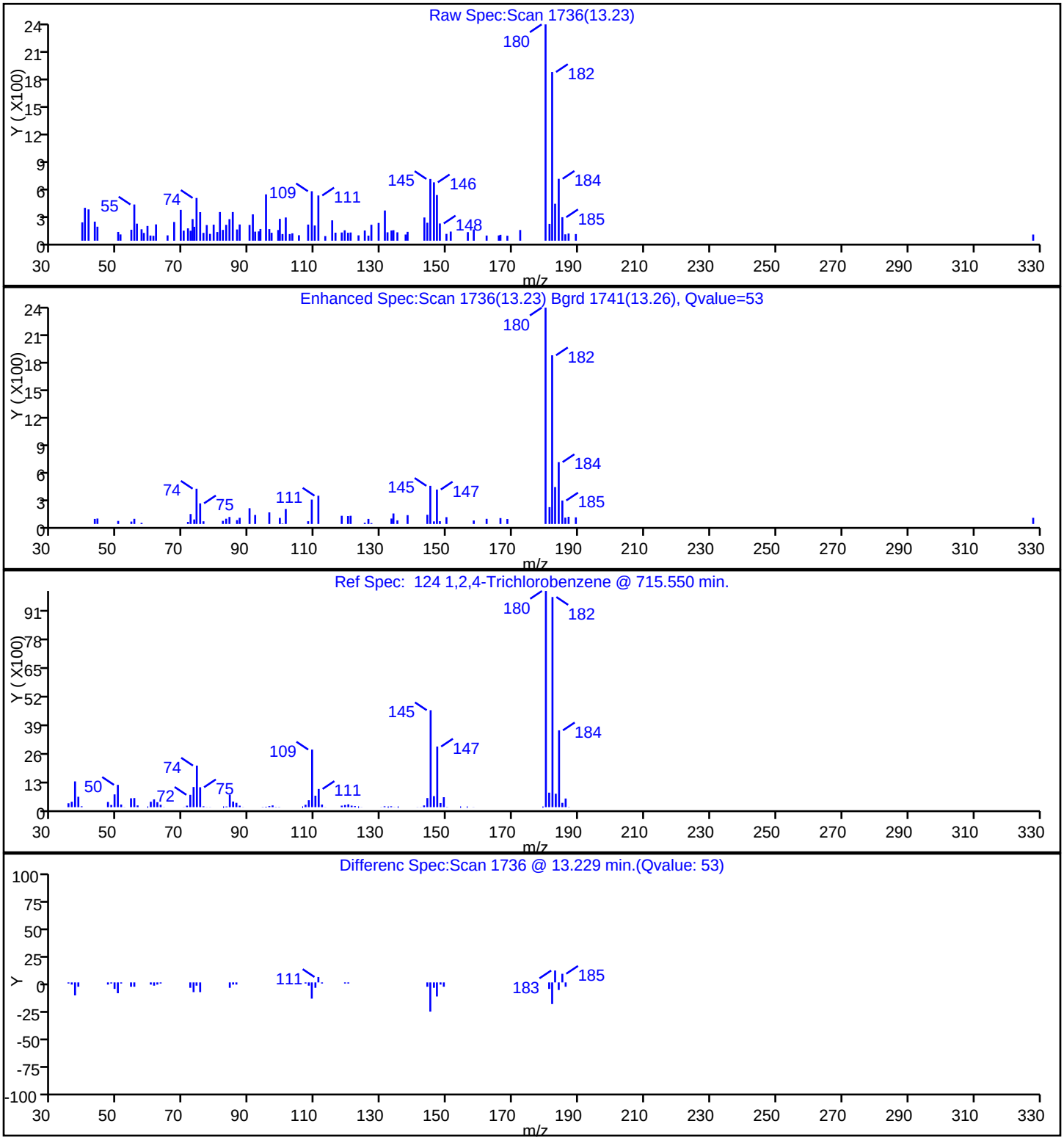
Report Date: 20-Sep-2013 14:18:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77950.D

Injection Date:	17-Sep-2013 10:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



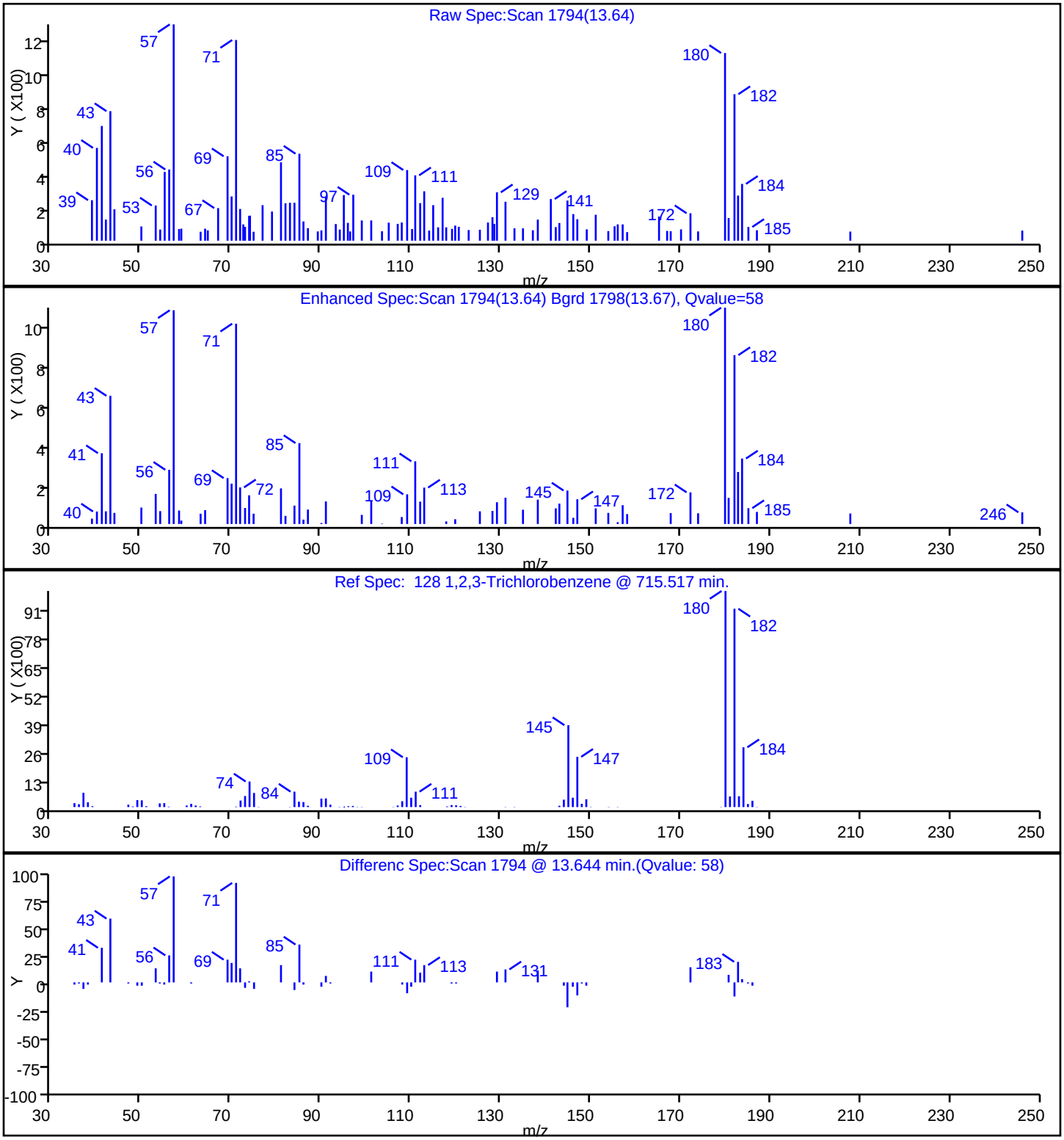
Report Date: 20-Sep-2013 14:18:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77950.D

Injection Date:	17-Sep-2013 10:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

128 1,2,3-Trichlorobenzene



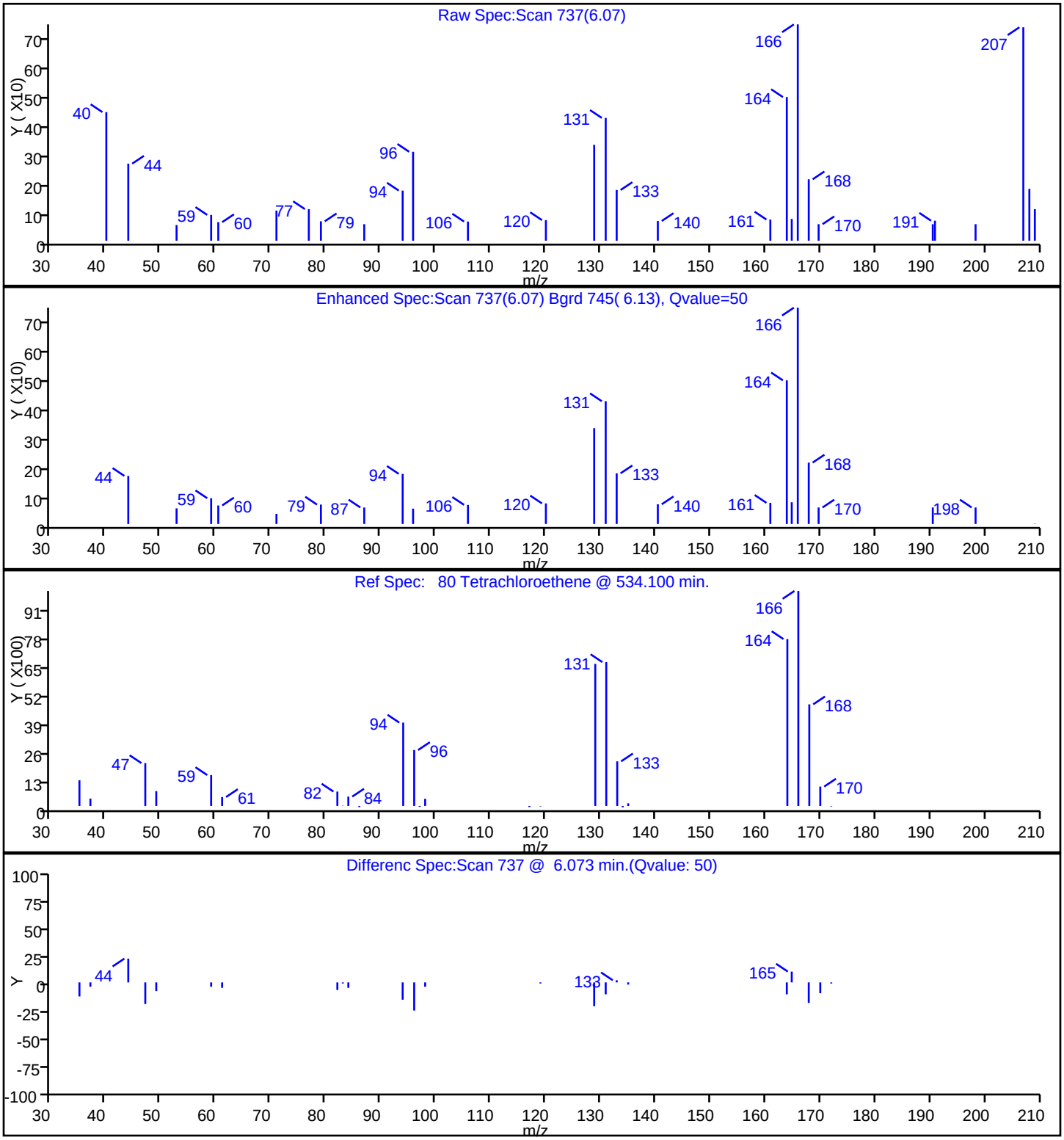
Report Date: 20-Sep-2013 14:18:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77950.D

Injection Date:	17-Sep-2013 10:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene



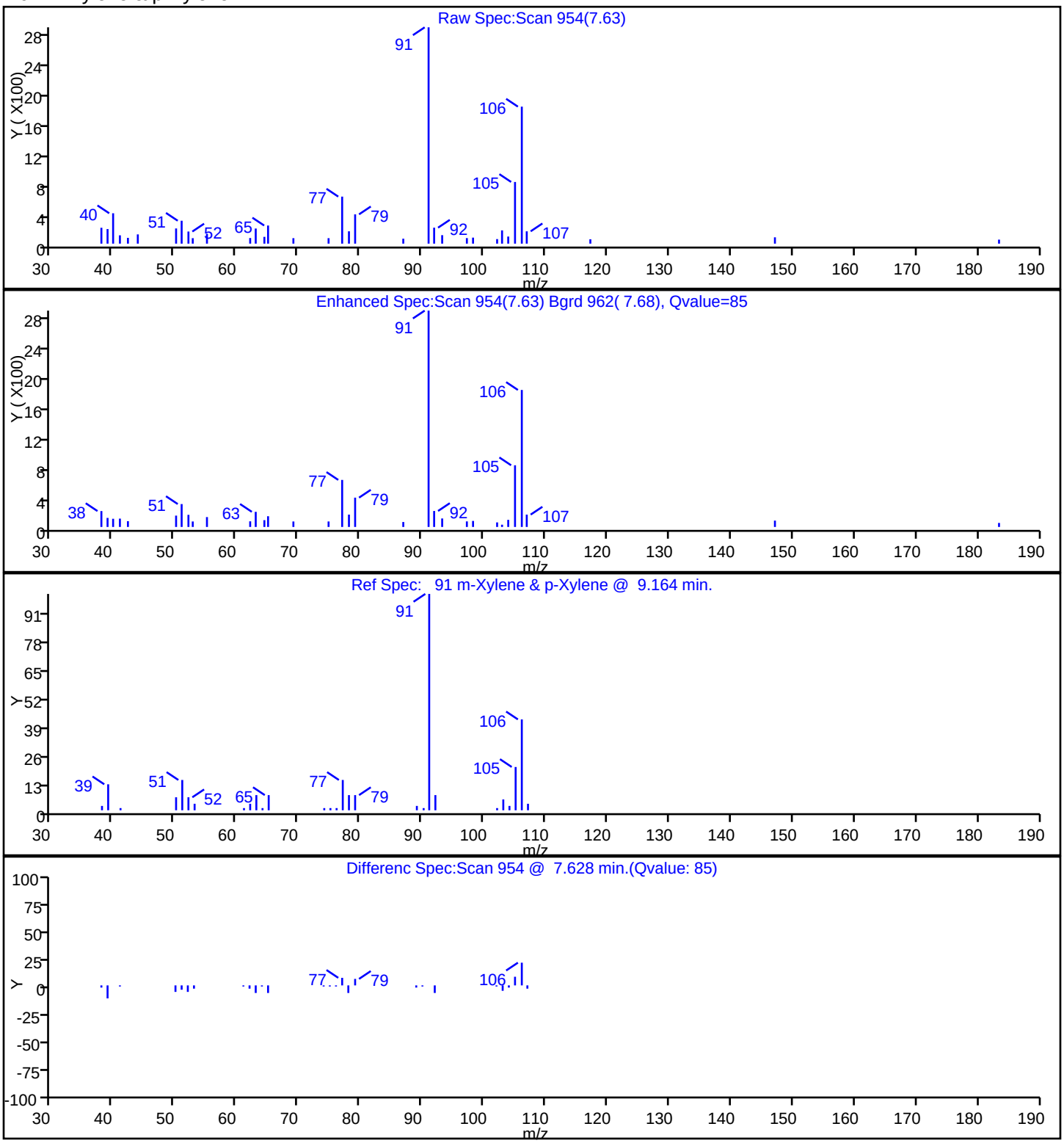
Report Date: 20-Sep-2013 14:18:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77950.D

Injection Date:	17-Sep-2013 10:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

91 m-Xylene & p-Xylene



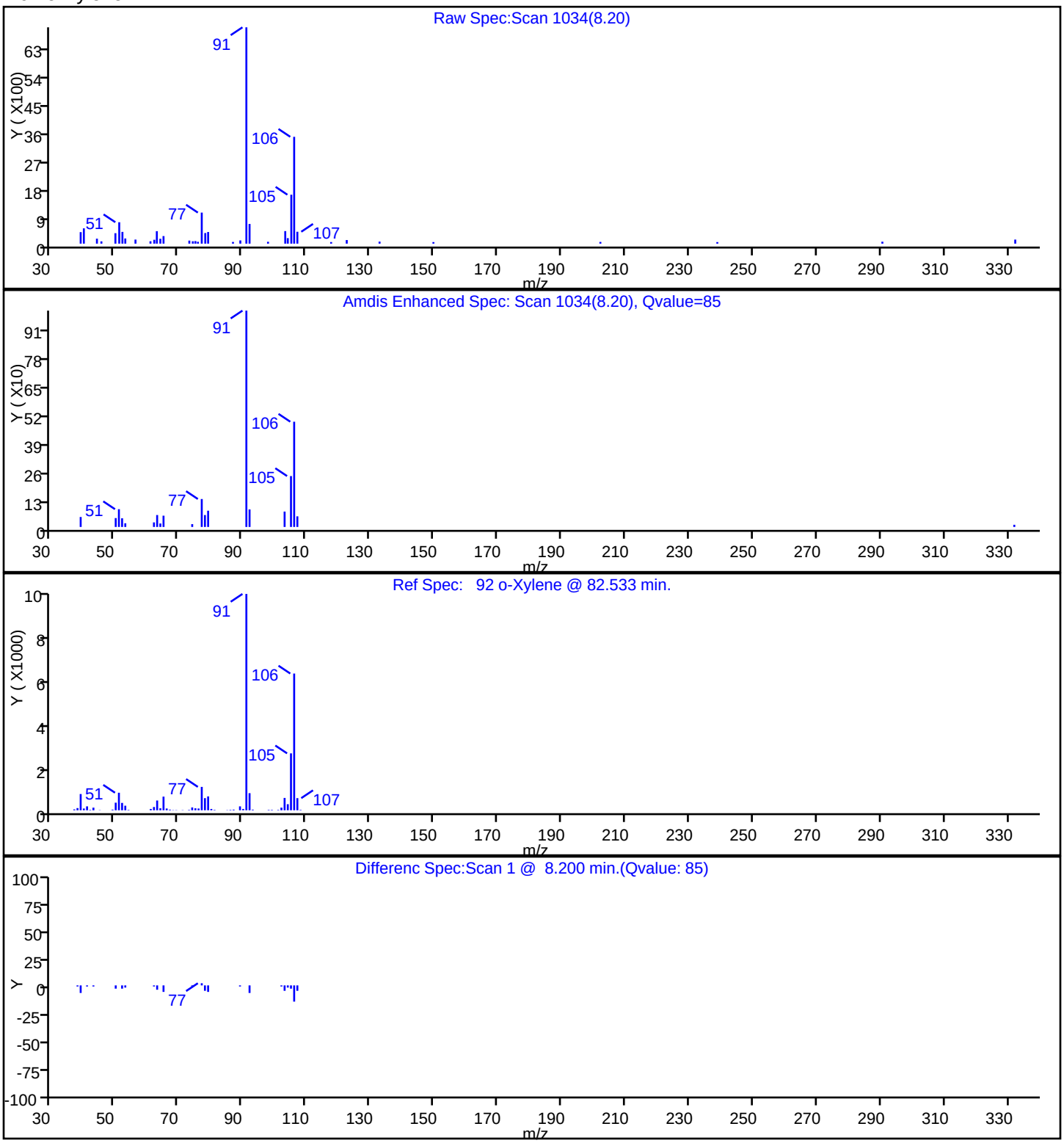
Report Date: 20-Sep-2013 14:18:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77950.D

Injection Date:	17-Sep-2013 10:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

92 o-Xylene

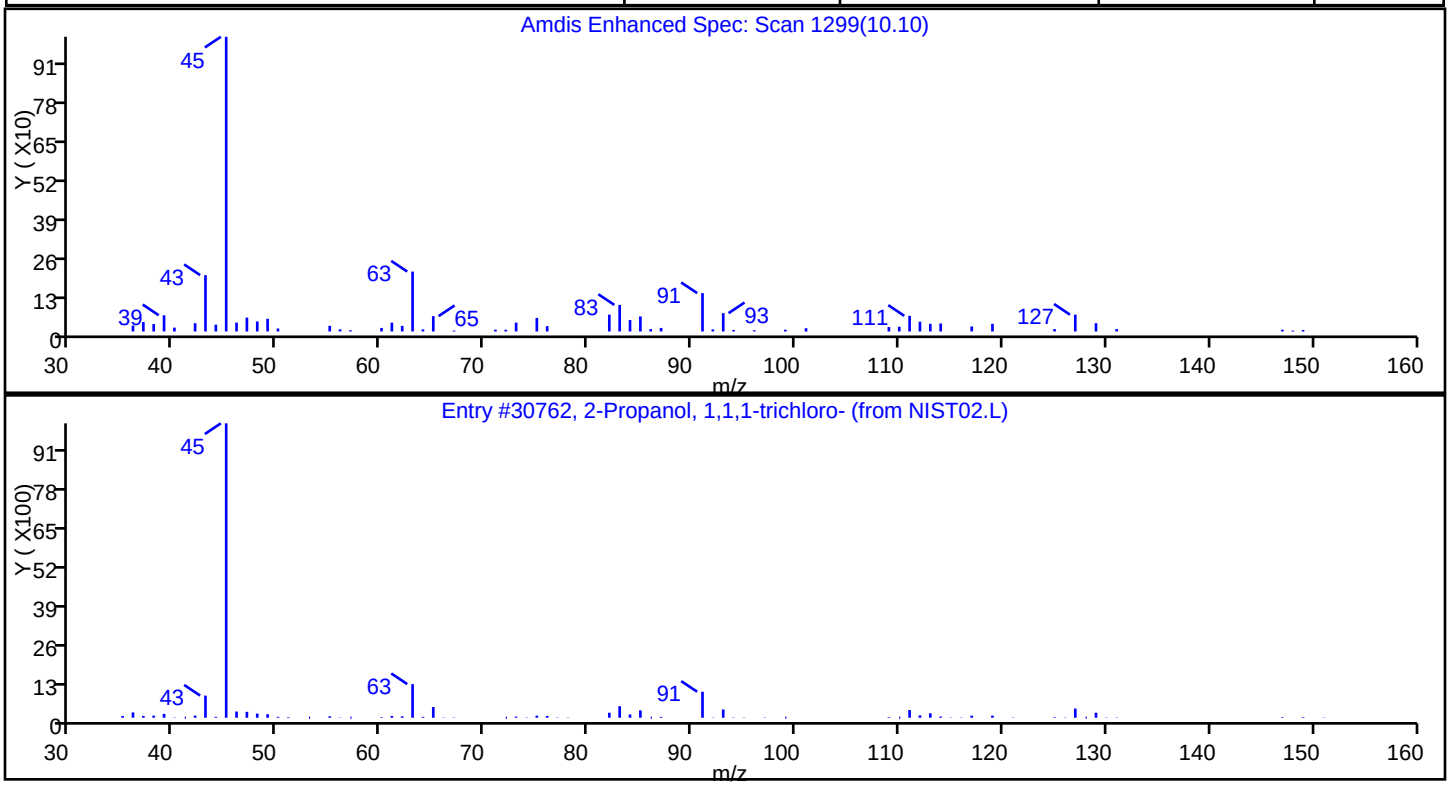


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77950.D

Injection Date:	17-Sep-2013 10:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	14
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
2-Propanol, 1,1,1-trichloro-	76-00-6	NIST02.L	30762	72



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SI | Lab Sample ID: 460-62993-28

Matrix: Solid | Lab File ID: B60706.D

Analysis Method: 8260B | Date Collected: 09/13/2013 11:20

Sample wt/vol: 6.404(g) | Date Analyzed: 09/20/2013 02:38

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.6 | Level: (low/med) Medium

Analysis Batch No.: 182277 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	8.5	U	88	8.5
74-83-9	Bromomethane	16	U	88	16
75-01-4	Vinyl chloride	13	U	88	13
75-00-3	Chloroethane	15	U	88	15
75-09-2	Methylene Chloride	16	U	88	16
67-64-1	Acetone	240	U	440	240
75-15-0	Carbon disulfide	11	U	88	11
75-69-4	Trichlorofluoromethane	13	U	88	13
75-35-4	1,1-Dichloroethene	7.8	U	88	7.8
75-34-3	1,1-Dichloroethane	12	U	88	12
156-60-5	trans-1,2-Dichloroethene	11	U	88	11
156-59-2	cis-1,2-Dichloroethene	16	U	88	16
67-66-3	Chloroform	6.9	U	88	6.9
78-93-3	2-Butanone	200	U	440	200
107-06-2	1,2-Dichloroethane	17	U	88	17
71-55-6	1,1,1-Trichloroethane	5.5	U	88	5.5
56-23-5	Carbon tetrachloride	5.0	U	88	5.0
71-43-2	Benzene	7.3	U	88	7.3
75-25-2	Bromoform	17	U	88	17
100-42-5	Styrene	10	U	88	10
100-41-4	Ethylbenzene	8.5	U	88	8.5
108-90-7	Chlorobenzene	9.7	U	88	9.7
110-82-7	Cyclohexane	14	U	88	14
98-82-8	Isopropylbenzene	6.8	U	88	6.8
591-78-6	2-Hexanone	44	U	440	44
1634-04-4	MTBE	12	U	88	12
76-13-1	Freon TF	7.2	U	88	7.2
79-20-9	Methyl acetate	30	U	440	30
123-91-1	1,4-Dioxane	3200	U	4400	3200
79-01-6	Trichloroethene	8.1	U	88	8.1
108-88-3	Toluene	13	U	88	13
10061-02-6	trans-1,3-Dichloropropene	21	U	88	21
108-10-1	4-Methyl-2-pentanone	87	U	440	87
10061-01-5	cis-1,3-Dichloropropene	16	U	88	16
95-50-1	1,2-Dichlorobenzene	18	U	88	18
541-73-1	1,3-Dichlorobenzene	12	U	88	12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SI | Lab Sample ID: 460-62993-28

Matrix: Solid | Lab File ID: B60706.D

Analysis Method: 8260B | Date Collected: 09/13/2013 11:20

Sample wt/vol: 6.404(g) | Date Analyzed: 09/20/2013 02:38

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.6 | Level: (low/med) Medium

Analysis Batch No.: 182277 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	21	U	88	21
120-82-1	1,2,4-Trichlorobenzene	30	U	88	30
87-61-6	1,2,3-Trichlorobenzene	45	U	88	45
78-87-5	1,2-Dichloropropane	7.6	U	88	7.6
108-87-2	Methylcyclohexane	12	U	88	12
127-18-4	Tetrachloroethene	14	J	88	8.6
1330-20-7	Xylenes, Total	32	U	260	32
96-12-8	1,2-Dibromo-3-Chloropropane	35	U	88	35
79-34-5	1,1,2,2-Tetrachloroethane	14	U	88	14
79-00-5	1,1,2-Trichloroethane	17	U	88	17
124-48-1	Dibromochloromethane	18	U	88	18
106-93-4	1,2-Dibromoethane	24	U	88	24
75-71-8	Dichlorodifluoromethane	19	U	88	19
74-97-5	Bromochloromethane	24	U	88	24
75-27-4	Bromodichloromethane	11	U	88	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		75-135
2037-26-5	Toluene-d8 (Surr)	80		59-150
460-00-4	Bromofluorobenzene	88		72-133
1868-53-7	Dibromofluoromethane (Surr)	84		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SI Lab Sample ID: 460-62993-28

Matrix: Solid Lab File ID: B60706.D

Analysis Method: 8260B Date Collected: 09/13/2013 11:20

Sample wt/vol: 6.404(g) Date Analyzed: 09/20/2013 02:38

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.6 Level: (low/med) Medium

Analysis Batch No.: 182277 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 90500

CAS NO.	COMPOUND NAME	RT	RESULT	Q
493-02-7	Naphthalene, decahydro-, trans-	11.04	12000	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.55	8500	J N
2958-75-0	1-Methyldecahydronaphthalene	11.71	10000	J N
4706-90-5	Benzene, 1,3-dimethyl-5-(1-methylethyl)-	11.77	5800	J N
1000158-89-1	Decalin, syn-1-methyl-, cis-	12.01	7900	J N
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	12.14	13000	J N
4810-04-2	Benzene, 1,3,5-trimethyl-2-propyl-	12.41	7300	J N
5557-93-7	Benzene, 1-(1-methylethenyl)-2-(1-methyl	13.26	7000	J N
91-57-6	Naphthalene, 2-methyl-	13.64	13000	J N
90-12-0	Naphthalene, 1-methyl-	13.84	6000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60706.D		
Lims ID:	460-62993-C-28-A	Client ID:	PMP-13SE-SI
Inject. Date:	20-Sep-2013 02:38:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62993-C-28-A		
Misc. Info.:	460-0004826-011		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	10
Lims Batch ID:	182277	Lims Sample ID:	11
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\8260W_2.m		
Last Update:	20-Sep-2013 13:52:48	Calib Date:	18-Sep-2013 04:57:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4744.b\B60605.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK024		
First Level Reviewer: desais		Date:	20-Sep-2013 10:36:21

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	2.813	2.797	0.016	57	326585	1000.0	
$ 57 Dibromofluoromethane (Surr)	113	4.484	4.492	-0.008	97	168091	42.1	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.887	0.0	90	270162	45.6	
* 58 Fluorobenzene	96	5.208	5.216	-0.008	97	638984	50.0	
* 65 1,4-Dioxane-d8	96	6.072	6.081	-0.009	88	37097	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.208	7.208	0.0	97	532602	39.9	
81 Tetrachloroethene	166	7.866	7.866	0.0	45	626	0.1594	
* 87 Chlorobenzene-d5	117	8.772	8.772	0.0	88	534451	50.0	
$ 97 4-Bromofluorobenzene	174	9.858	9.858	0.0	89	231086	44.0	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	97	320356	50.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60706.D		
Lims ID:	460-62993-C-28-A	Client ID:	PMP-13SE-SI
Inject. Date:	20-Sep-2013 02:38:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62993-C-28-A		
Misc. Info.:	460-0004826-011		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	10
Lims Batch ID:	182277	Lims Sample ID:	11
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\8260W_2.m		
Last Update:	20-Sep-2013 13:52:48	Calib Date:	18-Sep-2013 04:57:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	80		
Process Host:	XAWRK024		
First Level Reviewer: desais		Date:	20-Sep-2013 10:36:21

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
493-02-7 Naphthalene, decahydro-, trans-						
11.043	6211668	130.5	115	96	16320	
2958-76-1 Naphthalene, decahydro-2-methyl-						
11.545	4576777	96.2	115	98	24328	
2958-75-0 1-Methyldecahydronaphthalene						
11.710	5464430	114.8	115	98	24317	
4706-90-5 Benzene, 1,3-dimethyl-5-(1-methylethyl)-						
11.767	3115817	65.5	115	91	21849	
1000158-89-1 Decalin, syn-1-methyl-, cis-						
12.006	4283886	90.0	115	90	24319	
1618-22-0 Naphthalene, decahydro-2,6-dimethyl-						
12.138	6800330	142.9	115	89	33325	
4810-04-2 Benzene, 1,3,5-trimethyl-2-propyl-						
12.409	3961942	83.2	115	90	30694	
5557-93-7 Benzene, 1-(1-methylethenyl)-2-(1-methyl						
13.257	3787168	79.6	115	91	29468	
91-57-6 Naphthalene, 2-methyl-						
13.635	6805023	143.0	115	96	18501	I
90-12-0 Naphthalene, 1-methyl-						
13.841	3259165	68.5	115	93	18499	I

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 115 1,4-Dichlorobenzene-d4	10.813	2379799	50.0

QC Flag Legend

Processing Flags

Review Flags
I - User Selected Library Match

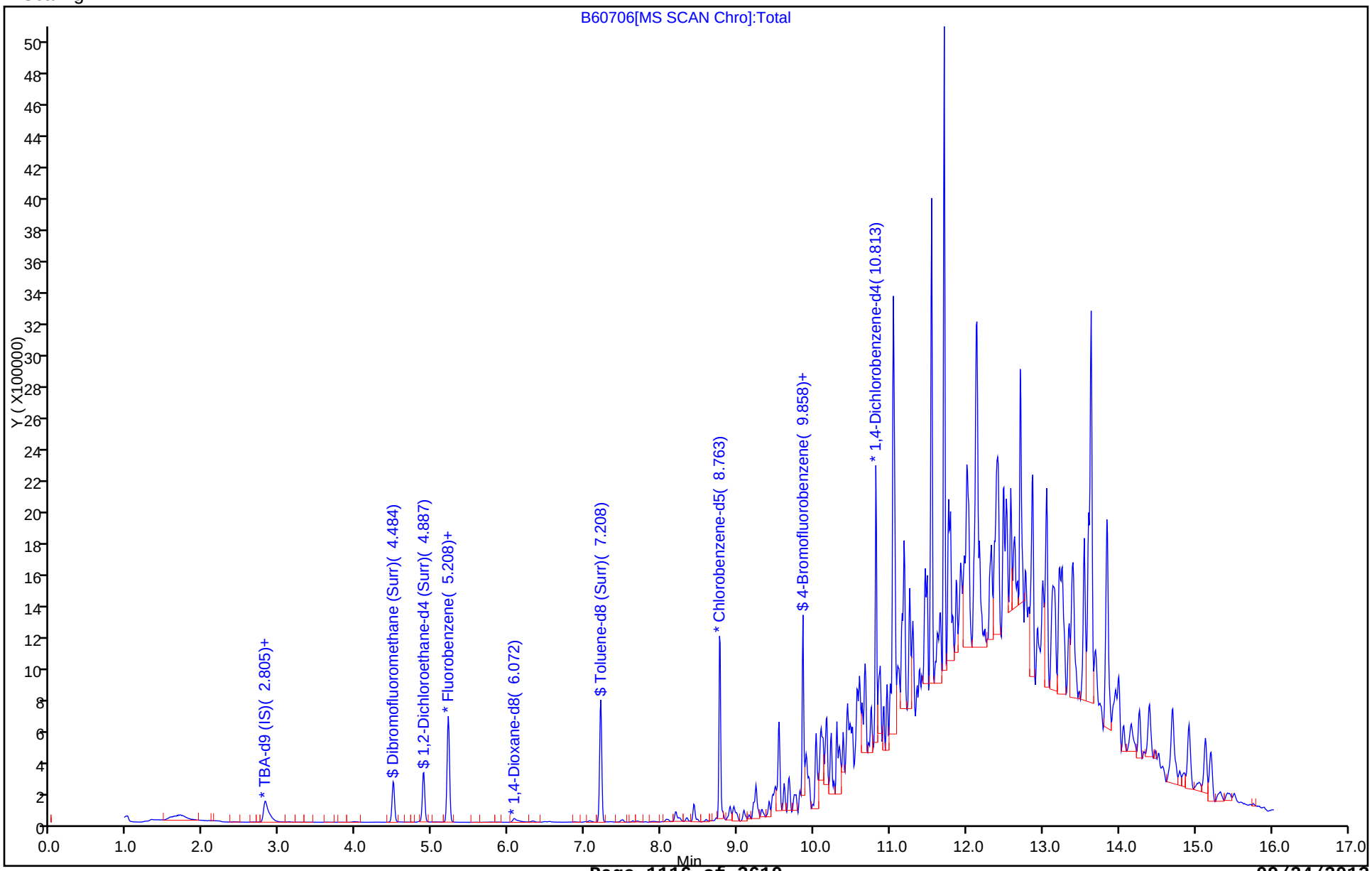
Report Date: 20-Sep-2013 18:06:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60706.D

Injection Date:	20-Sep-2013 02:38:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	11
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



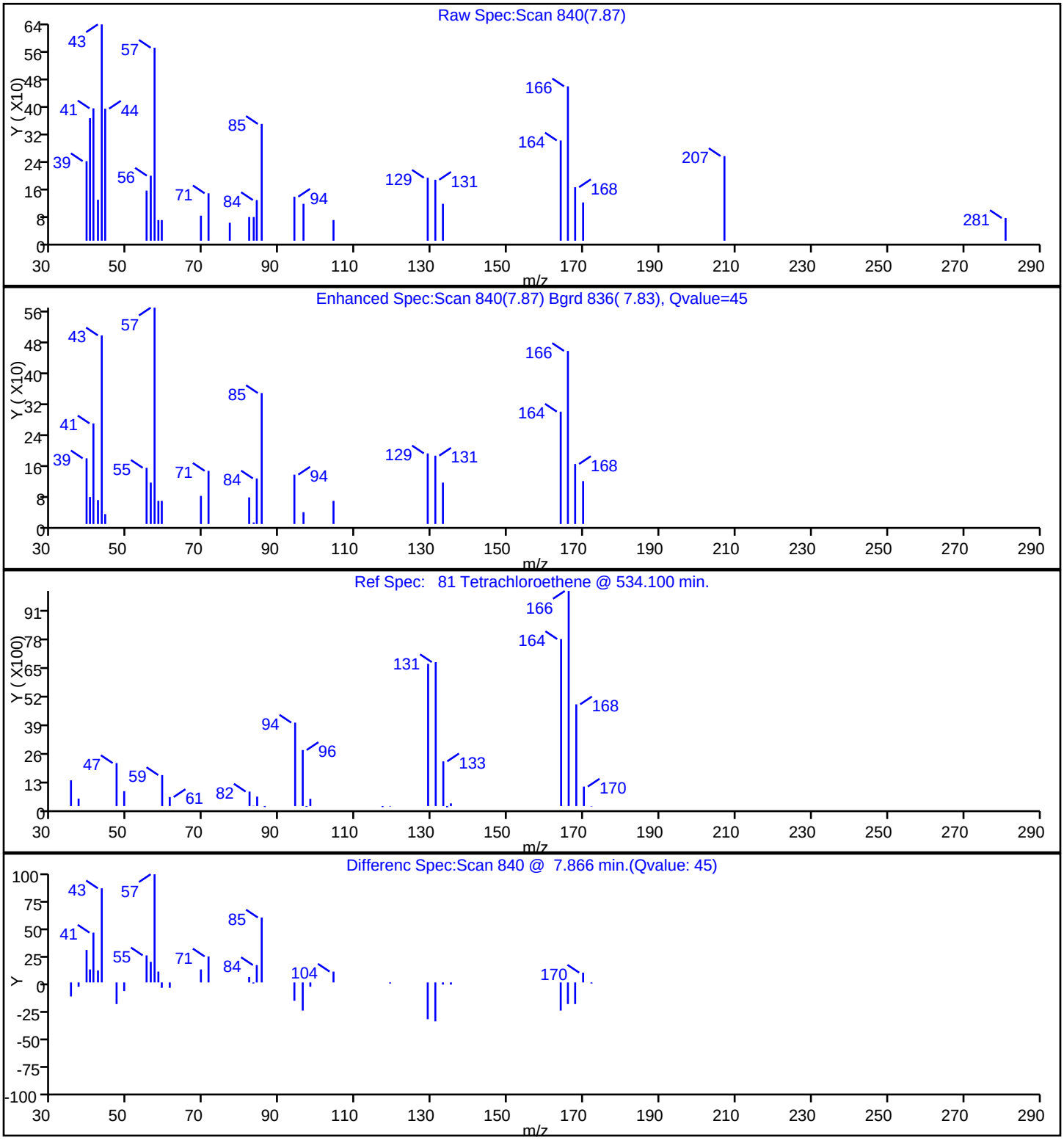
Report Date: 20-Sep-2013 18:06:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60706.D

Injection Date:	20-Sep-2013 02:38:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	11
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

81 Tetrachloroethene



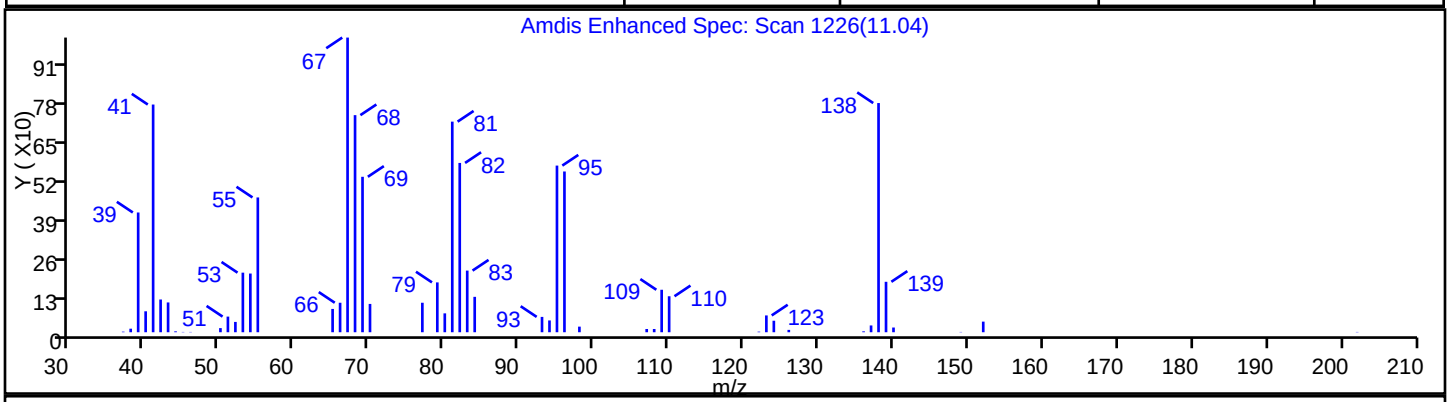
Report Date: 20-Sep-2013 18:06:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

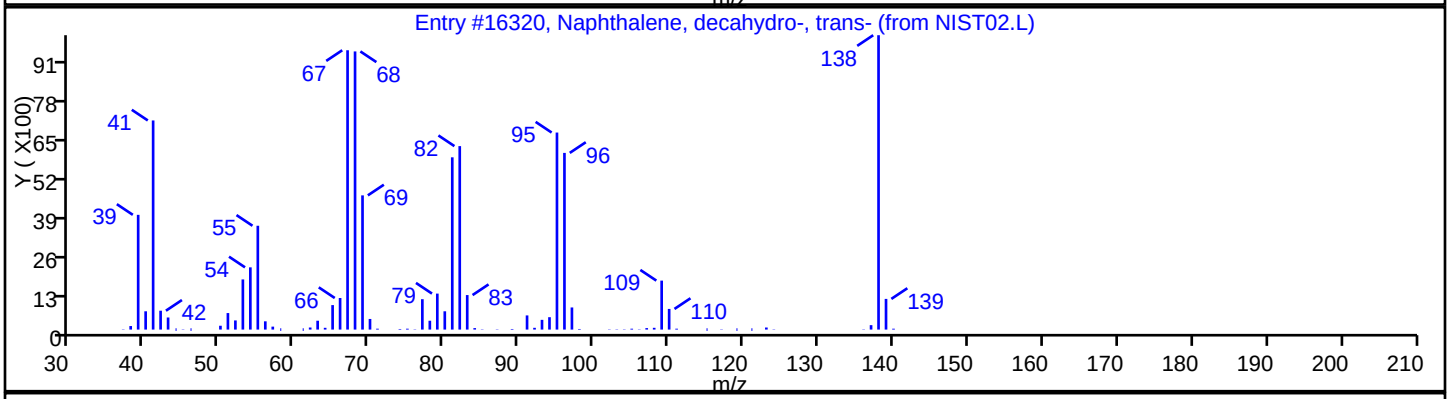
TestAmerica Edison

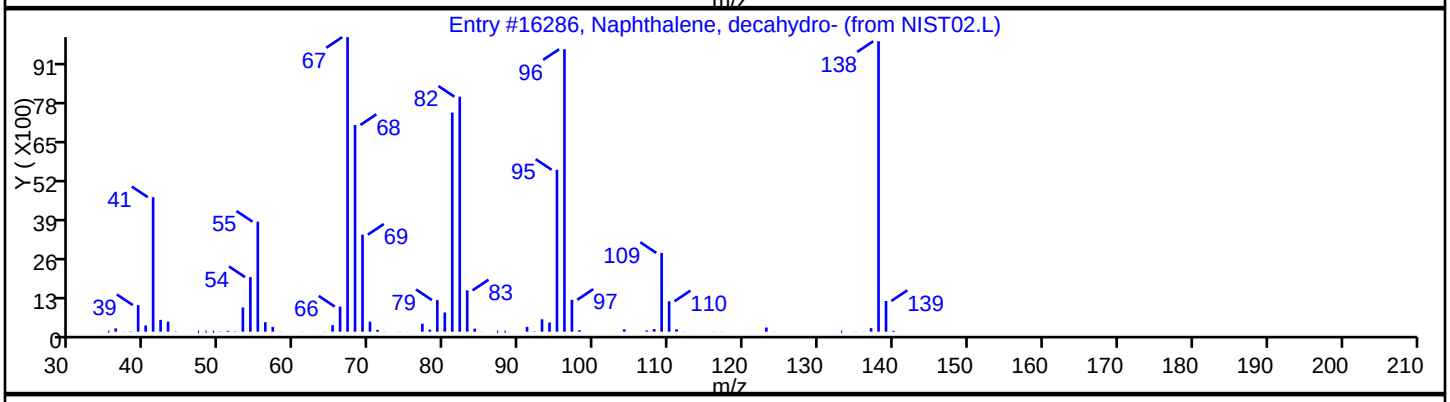
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60706.D

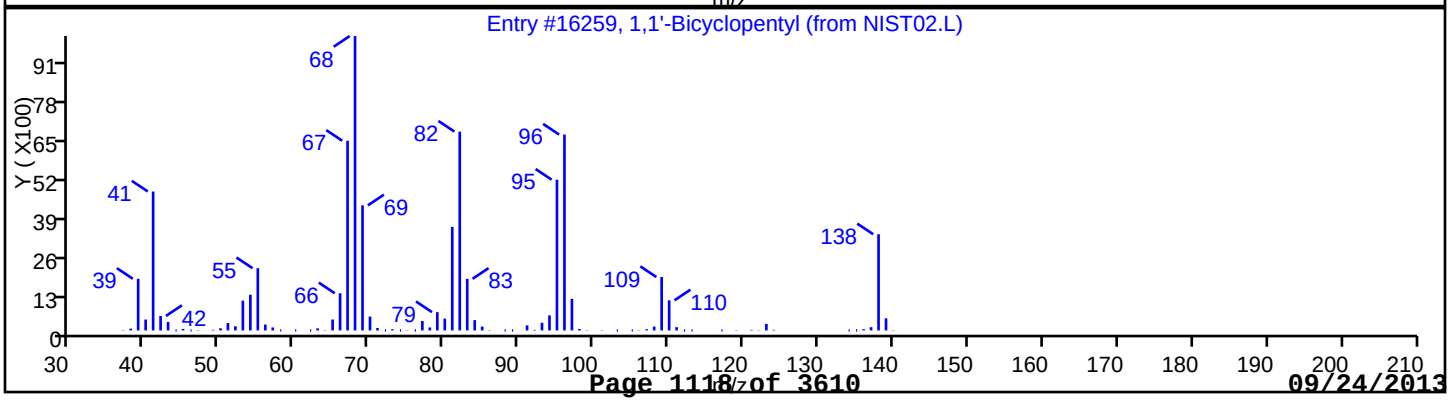
Injection Date:	20-Sep-2013 02:38:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	11
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-, trans-	493-02-7	NIST02.L	16320	96
Naphthalene, decahydro-	91-17-8	NIST02.L	16286	90
1,1'-Bicyclopentyl	1636-39-1	NIST02.L	16259	81









Report Date: 20-Sep-2013 18:06:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60706.D

Injection Date: 20-Sep-2013 02:38:30 Limit Group: VOA - 8260B Water and Solid

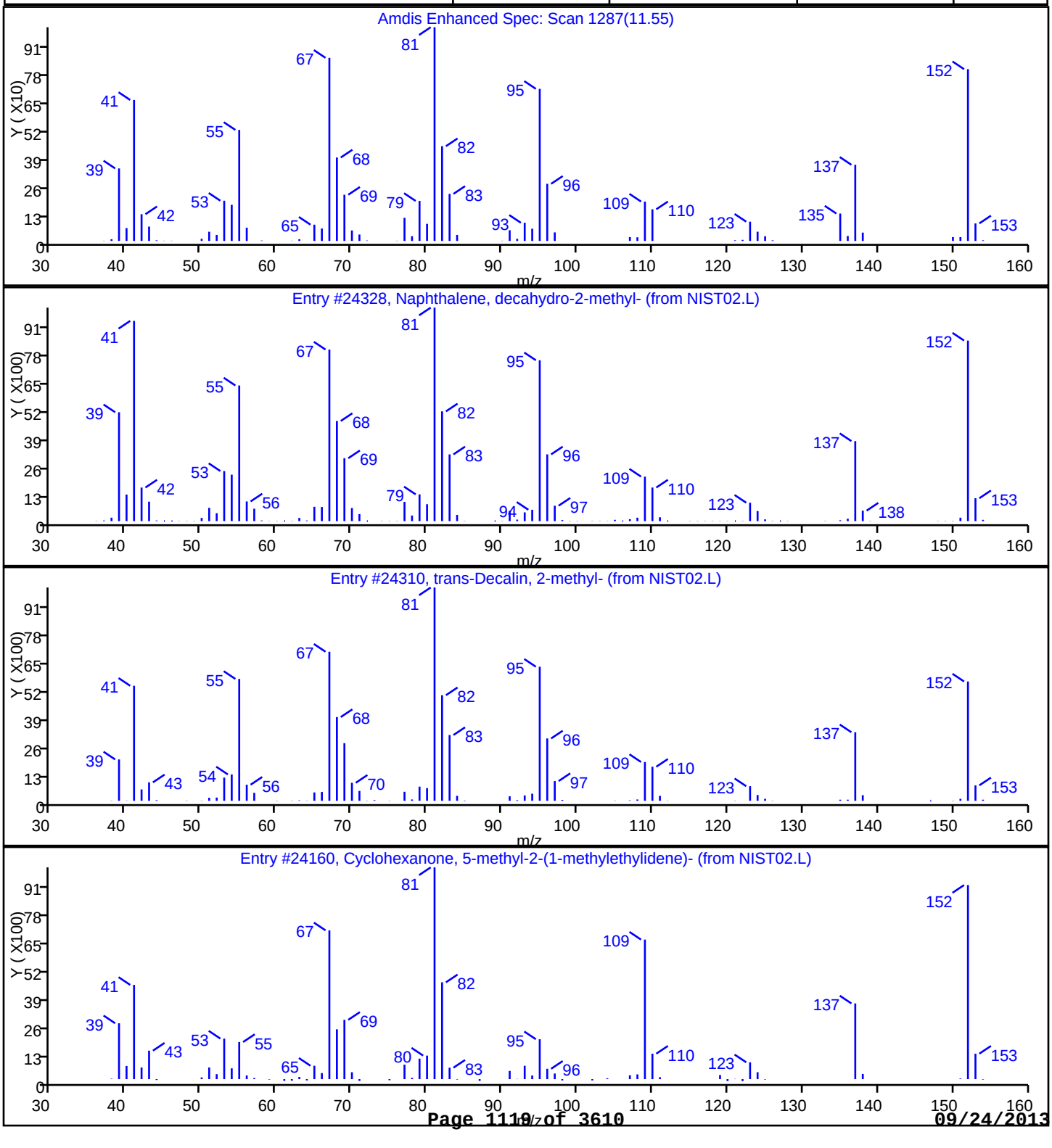
Client ID: PMP-13SE-SI Instrument ID: CVOAMS2

Lims Batch ID: 182277 Lims Sample ID: 11

Operator ID: Purge Vol: 5.000 mL

Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	98
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	94
Cyclohexanone, 5-methyl-2-(1-methylethyl	15932-80-6	NIST02.L	24160	83



Report Date: 20-Sep-2013 18:06:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60706.D

Injection Date: 20-Sep-2013 02:38:30 Limit Group: VOA - 8260B Water and Solid

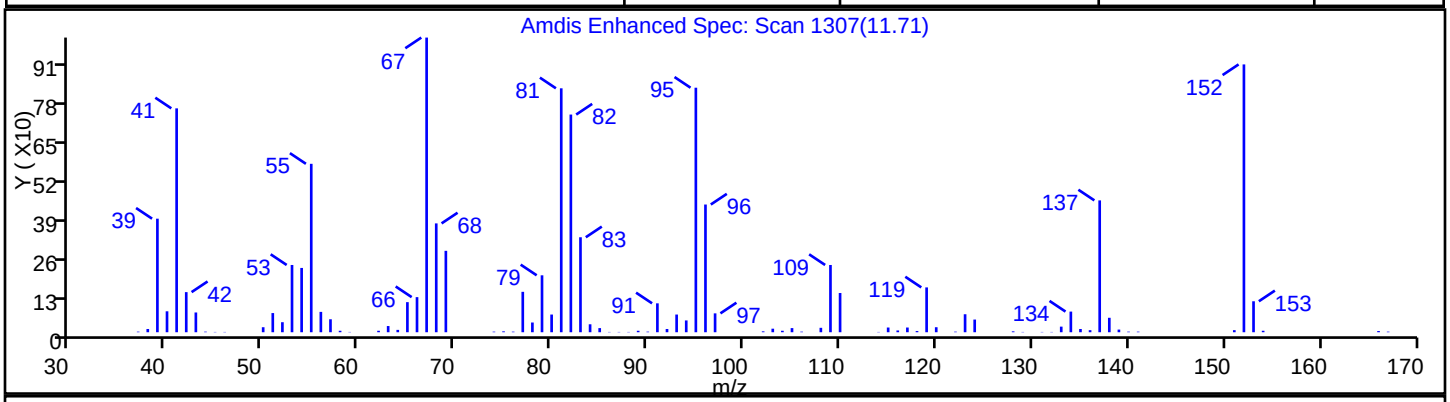
Client ID: PMP-13SE-SI Instrument ID: CVOAMS2

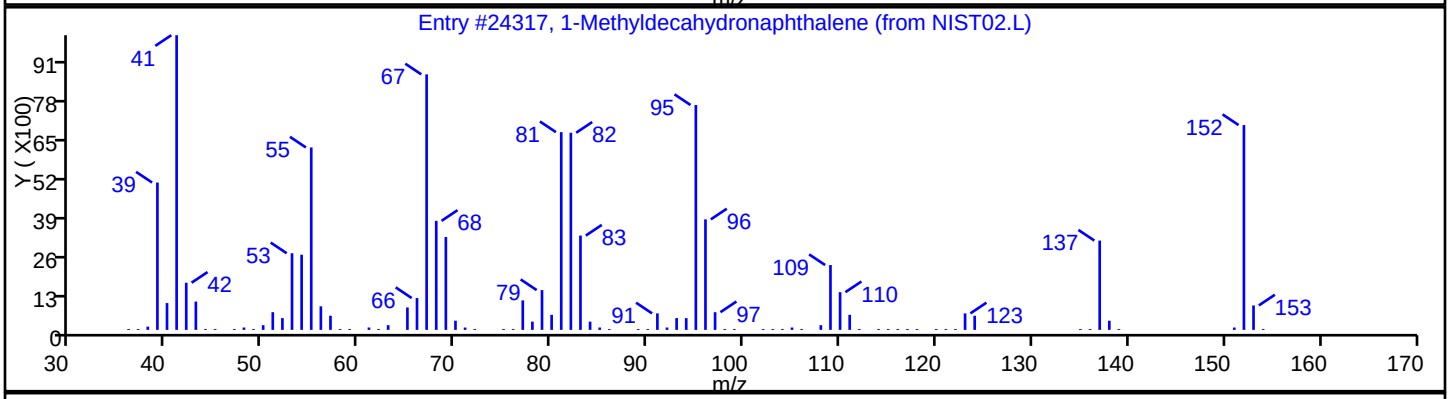
Lims Batch ID: 182277 Lims Sample ID: 11

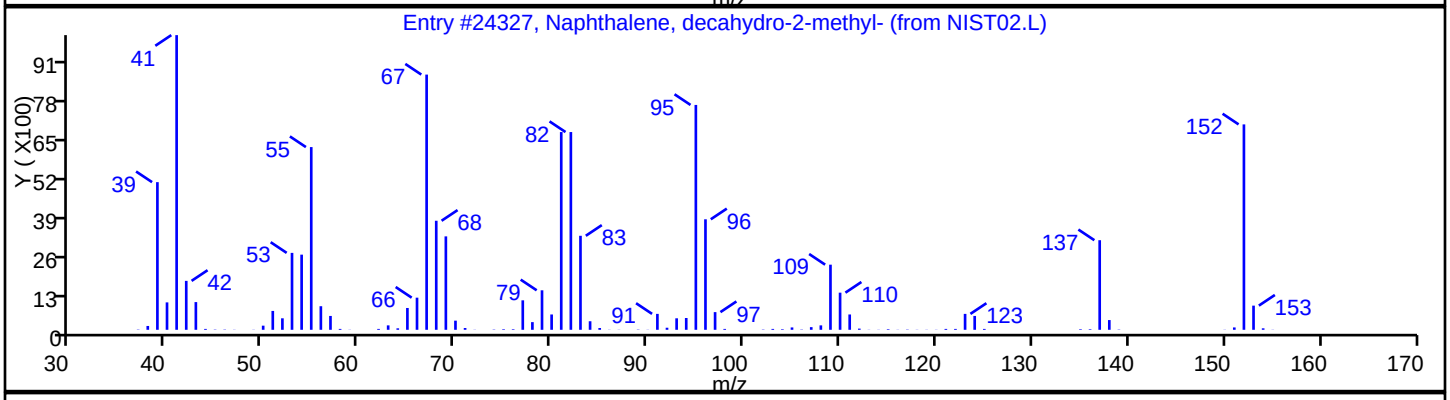
Operator ID: Purge Vol: 5.000 mL

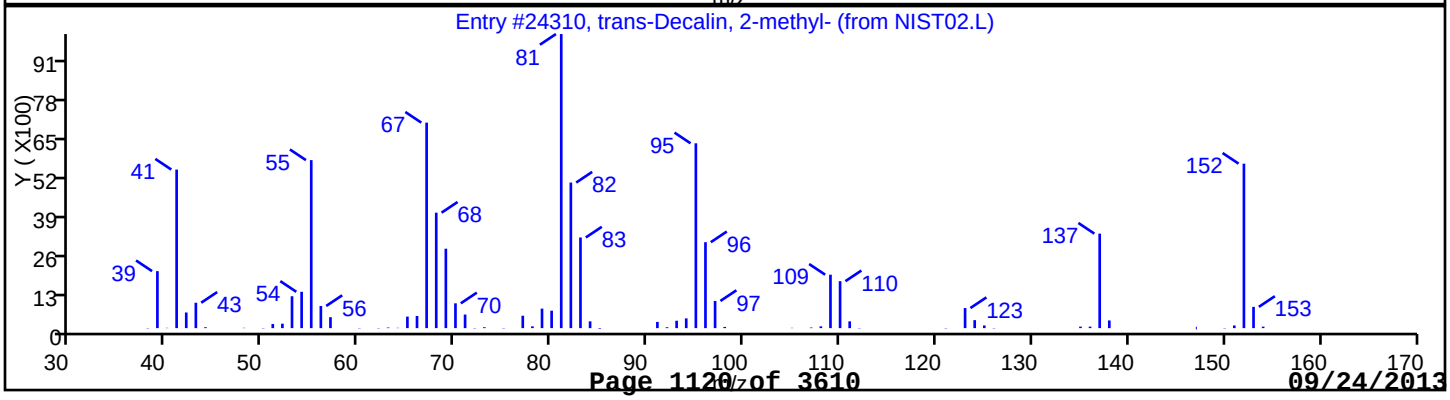
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	98
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24327	98
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	81









Report Date: 20-Sep-2013 18:06:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60706.D

Injection Date: 20-Sep-2013 02:38:30 Limit Group: VOA - 8260B Water and Solid

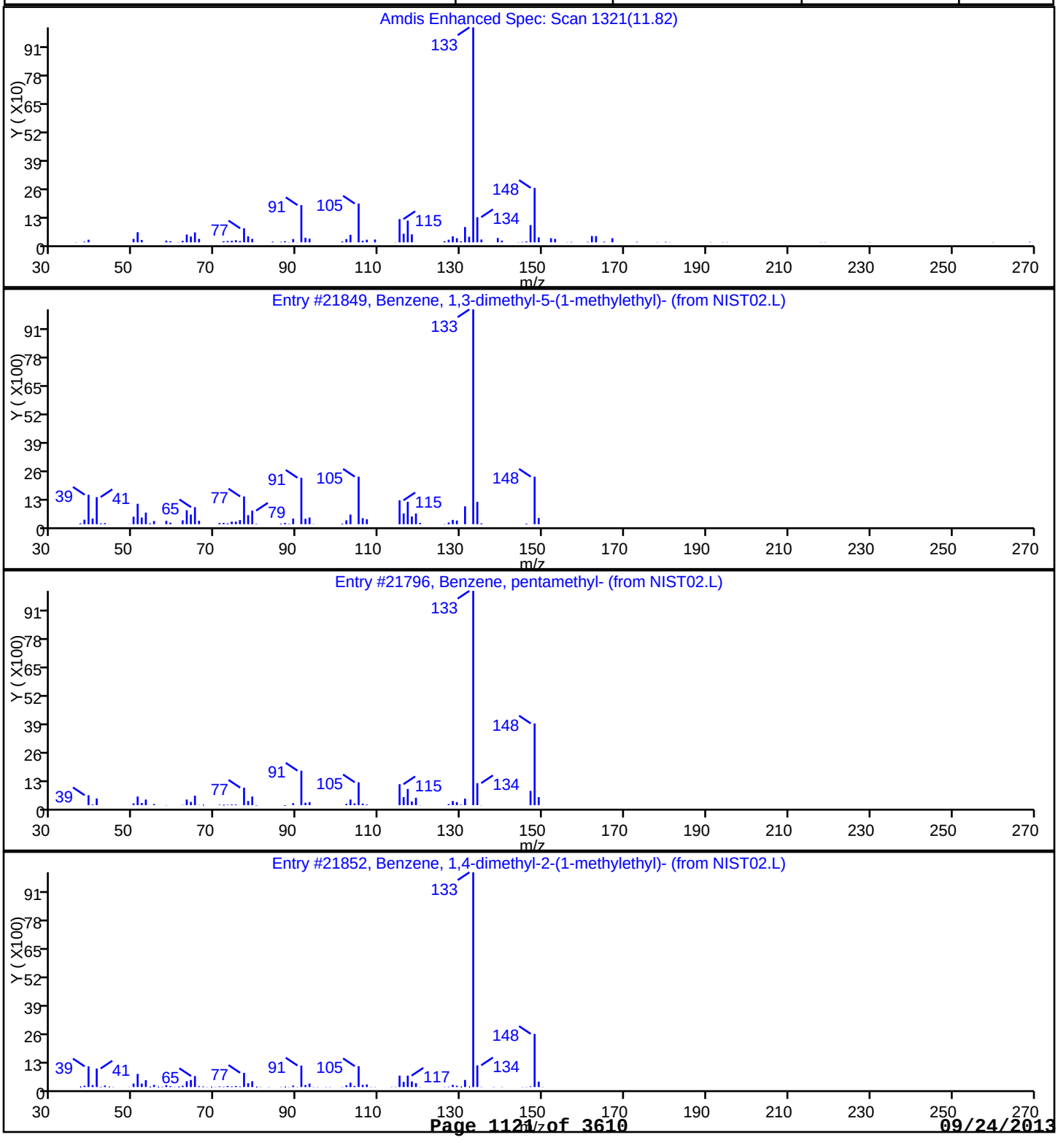
Client ID: PMP-13SE-SI Instrument ID: CVOAMS2

Lims Batch ID: 182277 Lims Sample ID: 11

Operator ID: Purge Vol: 5.000 mL

Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1,3-dimethyl-5-(1-methylethyl)-	4706-90-5	NIST02.L	21849	91
Benzene, pentamethyl-	700-12-9	NIST02.L	21796	91
Benzene, 1,4-dimethyl-2-(1-methylethyl)-	4132-72-3	NIST02.L	21852	91

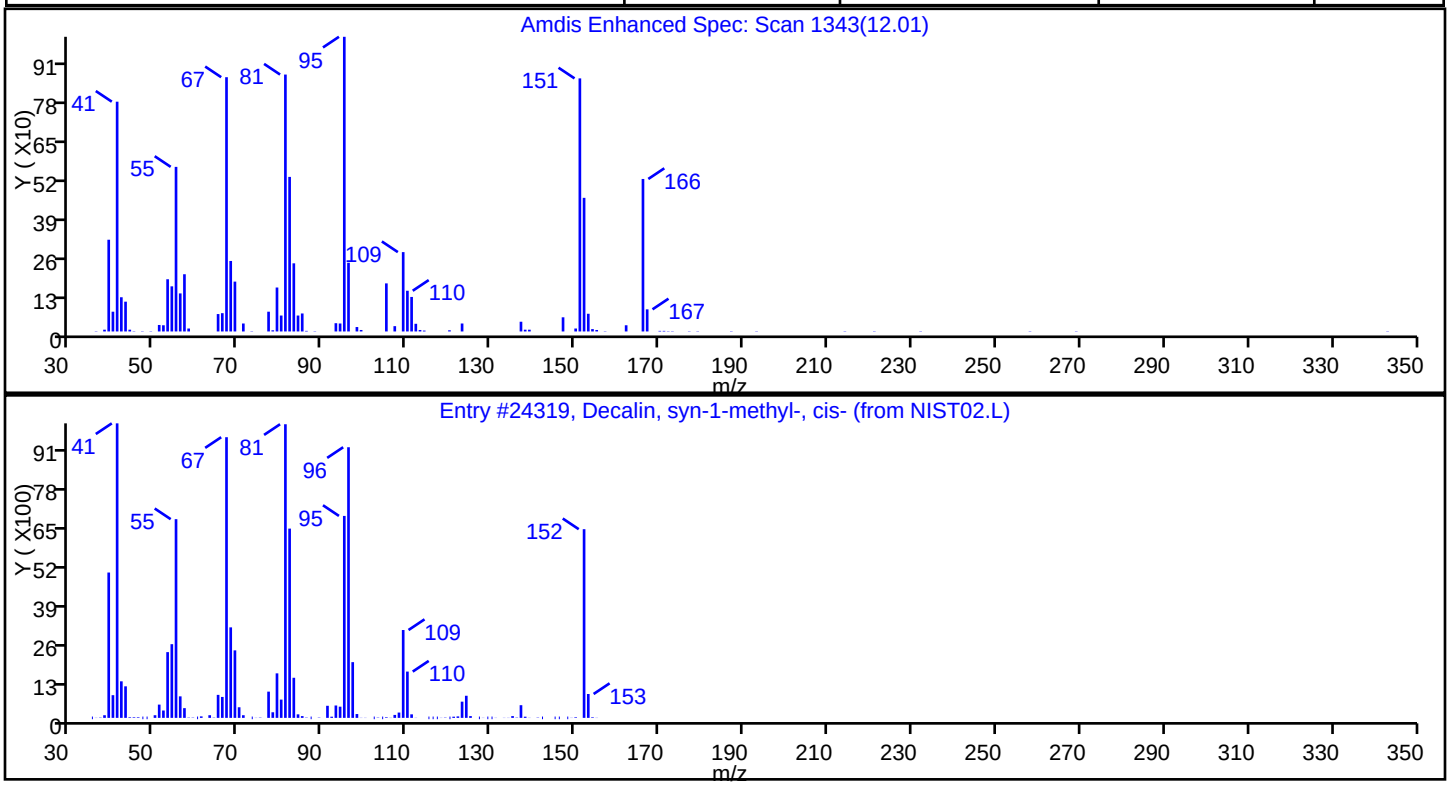


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60706.D

Injection Date:	20-Sep-2013 02:38:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	11
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Decalin, syn-1-methyl-, cis-	1000158-89-1	NIST02.L	24319	90

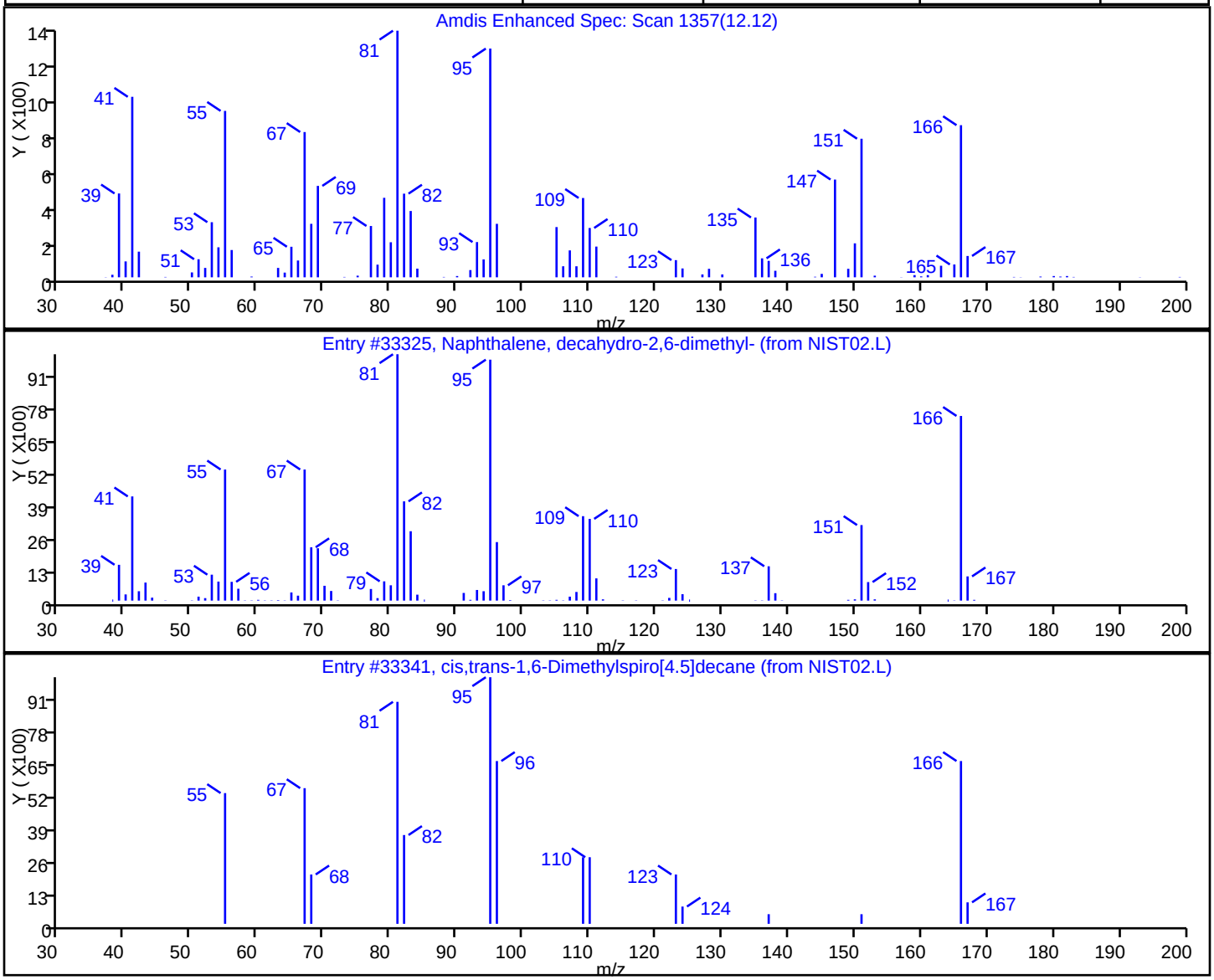


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60706.D

Injection Date:	20-Sep-2013 02:38:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	11
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-2,6-dimethyl-	1618-22-0	NIST02.L	33325	89
cis,trans-1,6-Dimethylspiro[4.5]decane	1000111-72-3	NIST02.L	33341	83



Report Date: 20-Sep-2013 18:06:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60706.D

Injection Date: 20-Sep-2013 02:38:30 Limit Group: VOA - 8260B Water and Solid

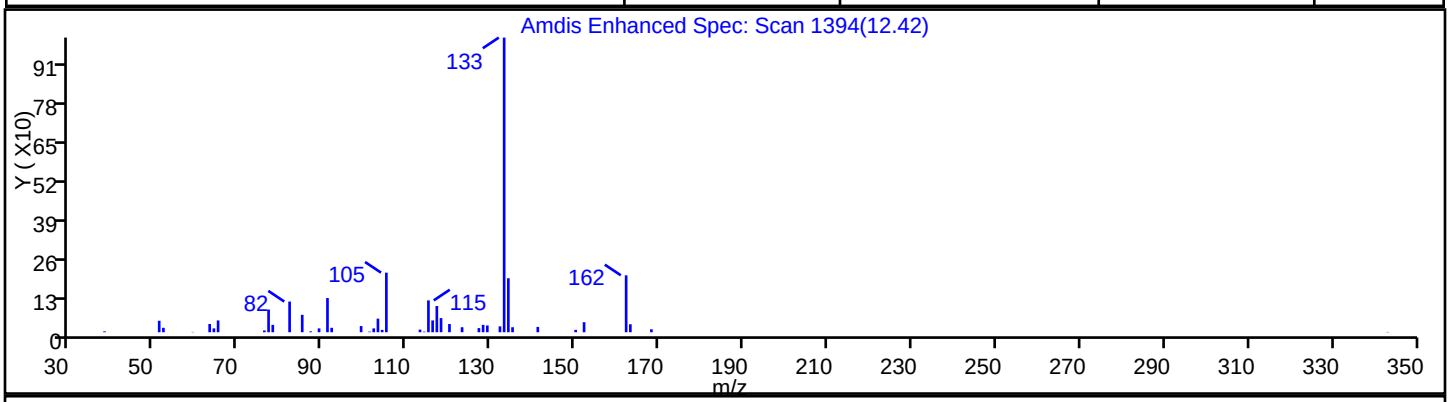
Client ID: PMP-13SE-SI Instrument ID: CVOAMS2

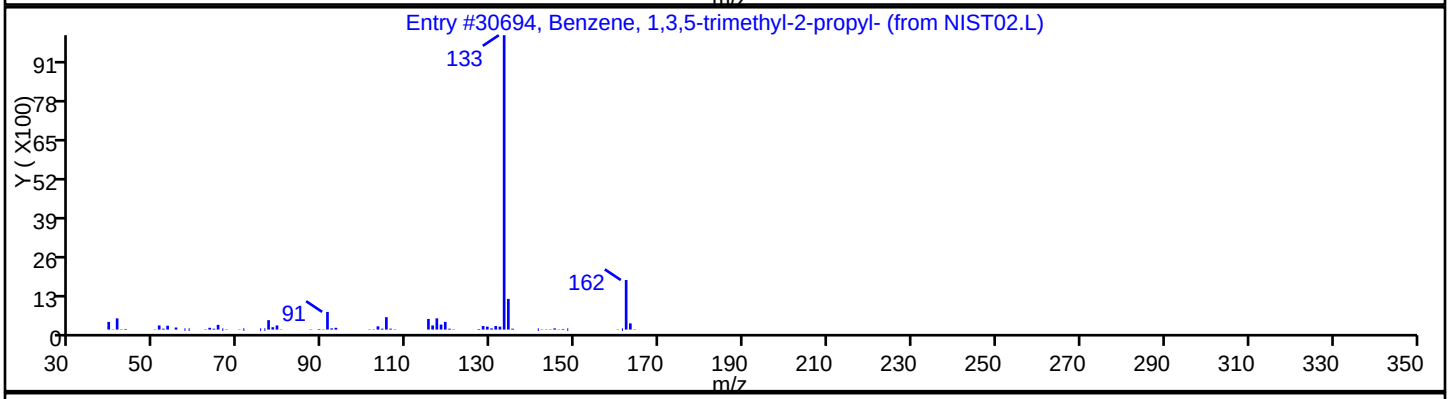
Lims Batch ID: 182277 Lims Sample ID: 11

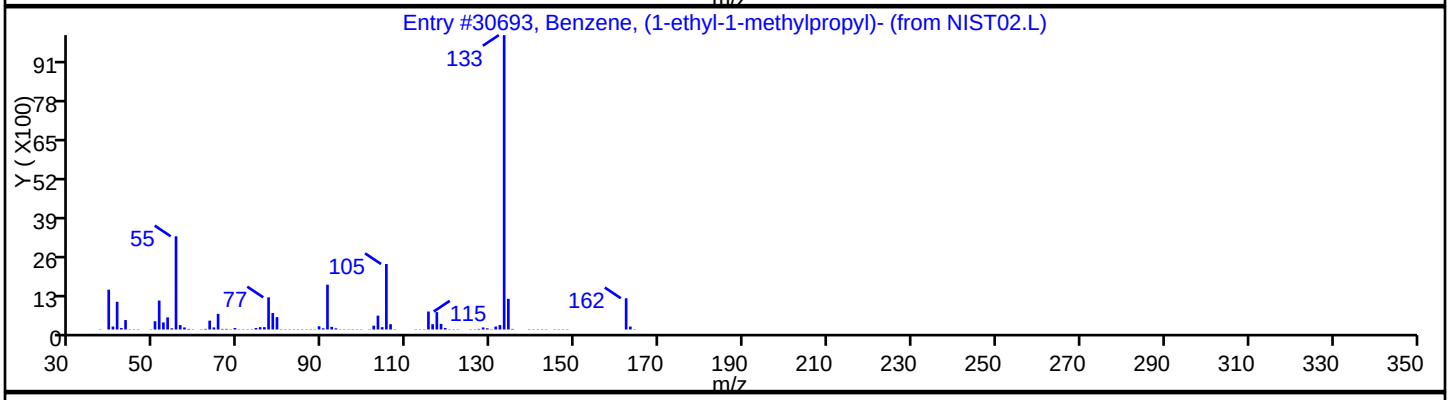
Operator ID: Purge Vol: 5.000 mL

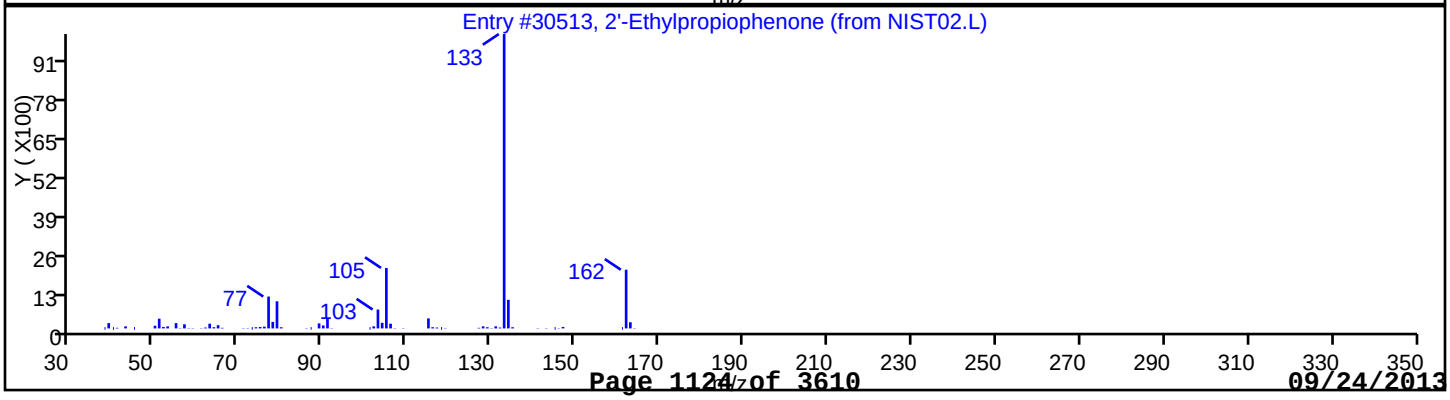
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1,3,5-trimethyl-2-propyl-	4810-04-2	NIST02.L	30694	90
Benzene, (1-ethyl-1-methylpropyl)-	1985-97-3	NIST02.L	30693	78
2'-Ethylpropiophenone	16819-79-7	NIST02.L	30513	72









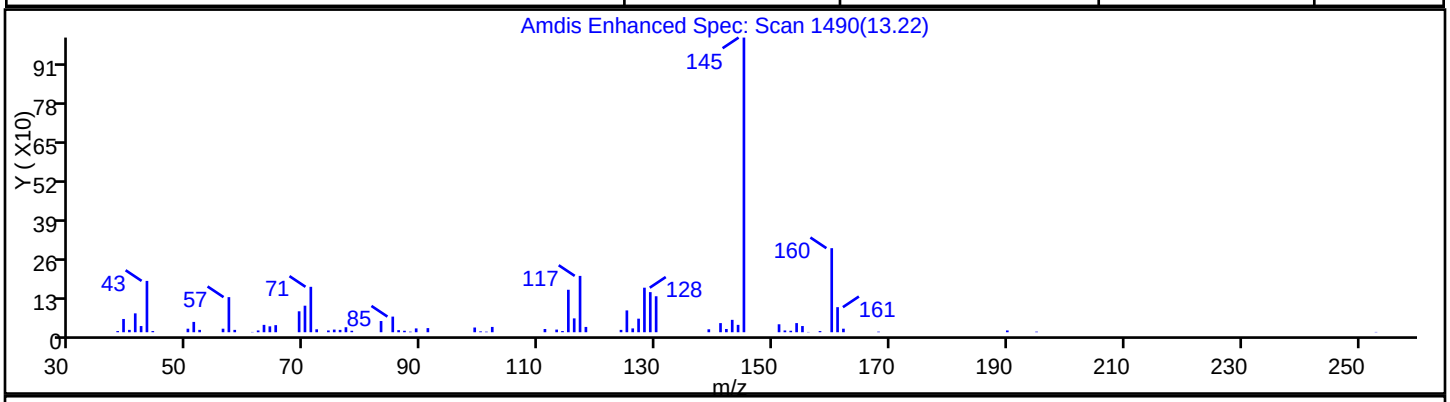
Report Date: 20-Sep-2013 18:06:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

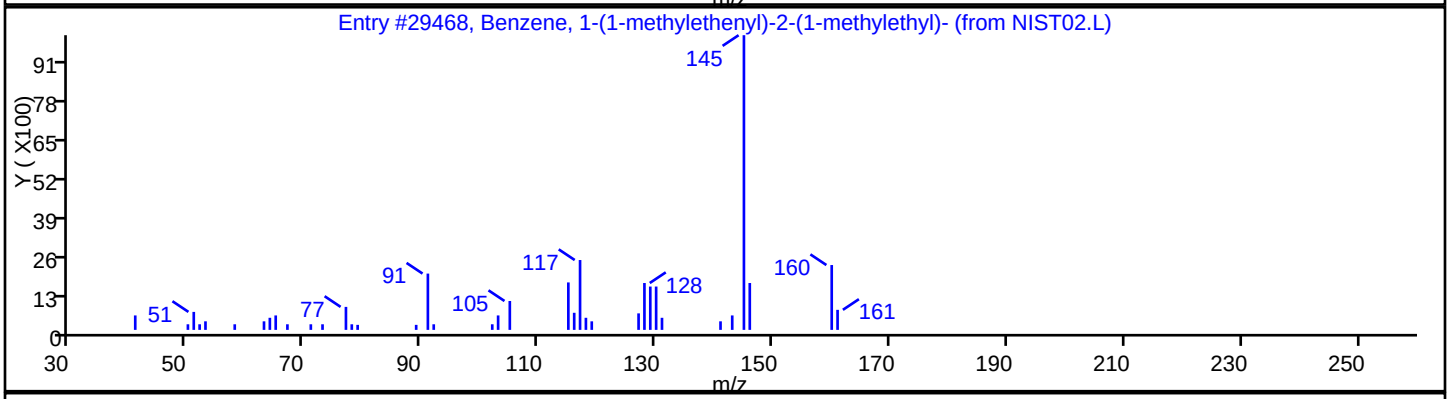
TestAmerica Edison

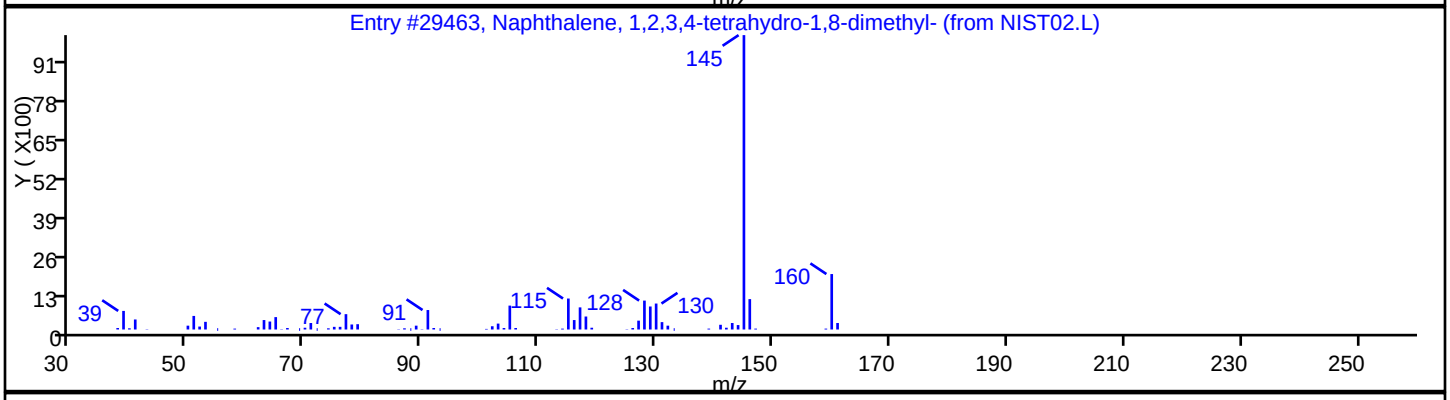
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60706.D

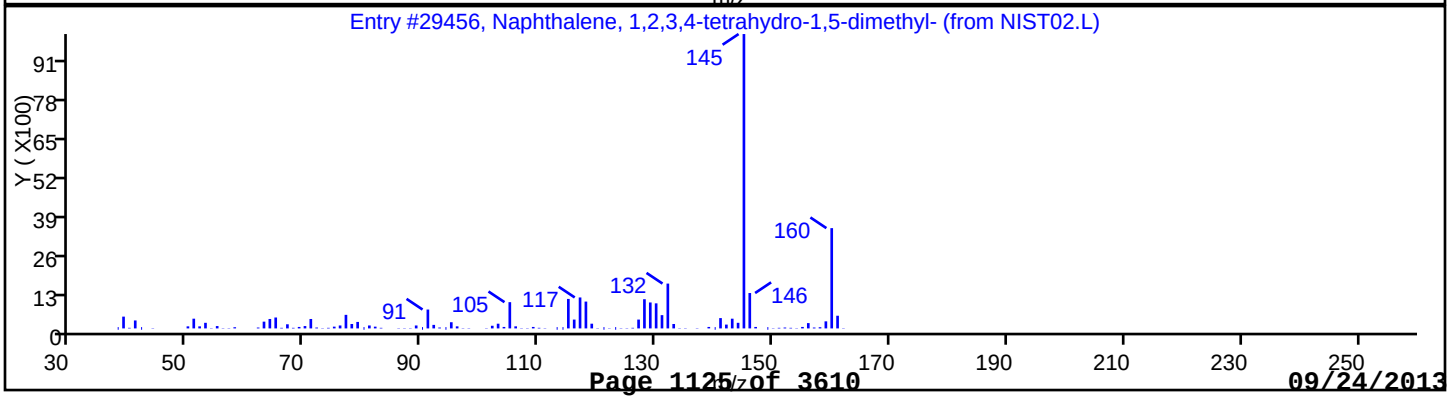
Injection Date:	20-Sep-2013 02:38:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	11
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-(1-methylethenyl)-2-(1-methyl	5557-93-7	NIST02.L	29468	91
Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	25419-33-4	NIST02.L	29463	91
Naphthalene, 1,2,3,4-tetrahydro-1,5-dime	21564-91-0	NIST02.L	29456	91









Report Date: 20-Sep-2013 18:06:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60706.D

Injection Date: 20-Sep-2013 02:38:30 Limit Group: VOA - 8260B Water and Solid

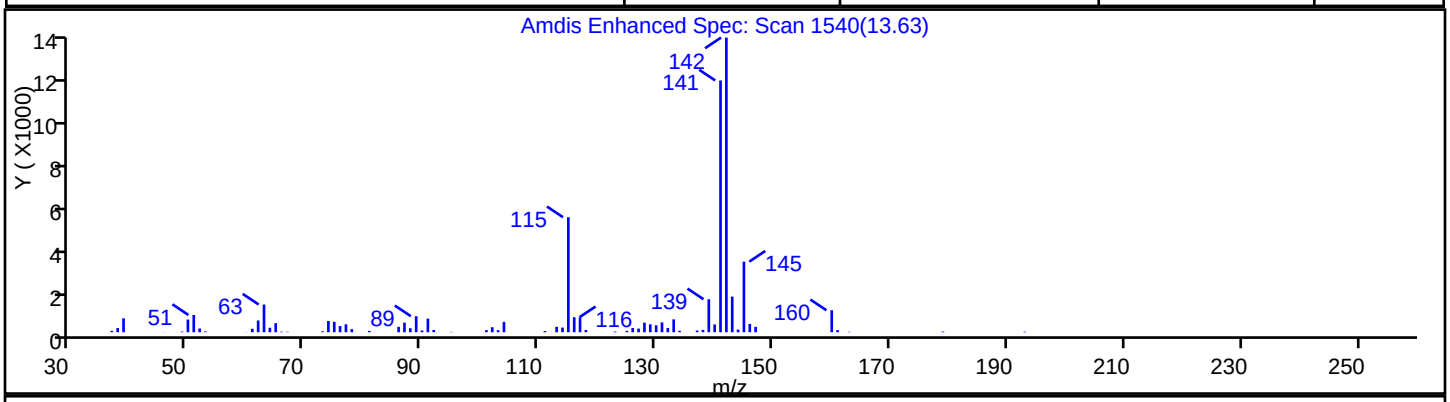
Client ID: PMP-13SE-SI Instrument ID: CVOAMS2

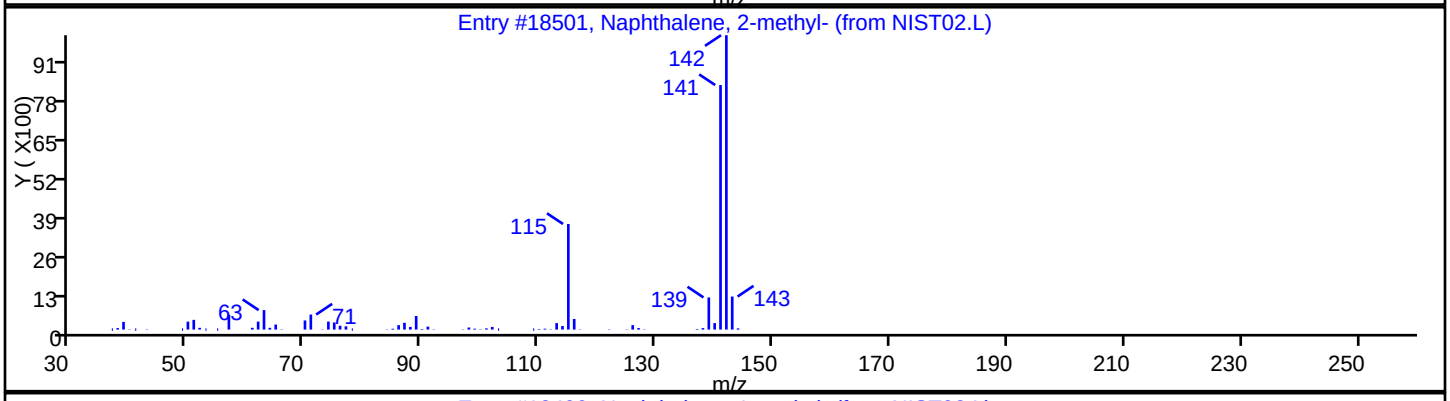
Lims Batch ID: 182277 Lims Sample ID: 11

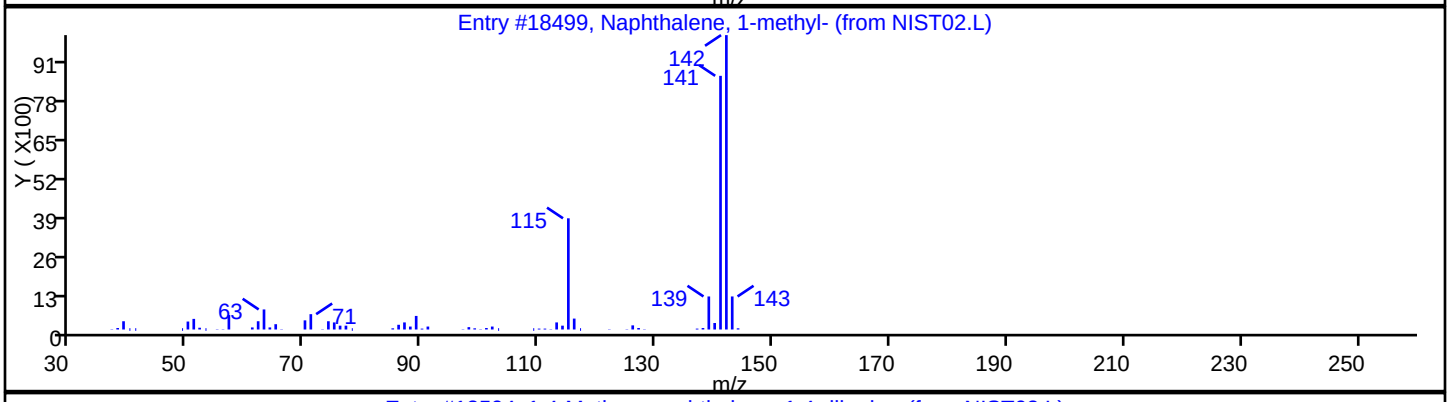
Operator ID: Purge Vol: 5.000 mL

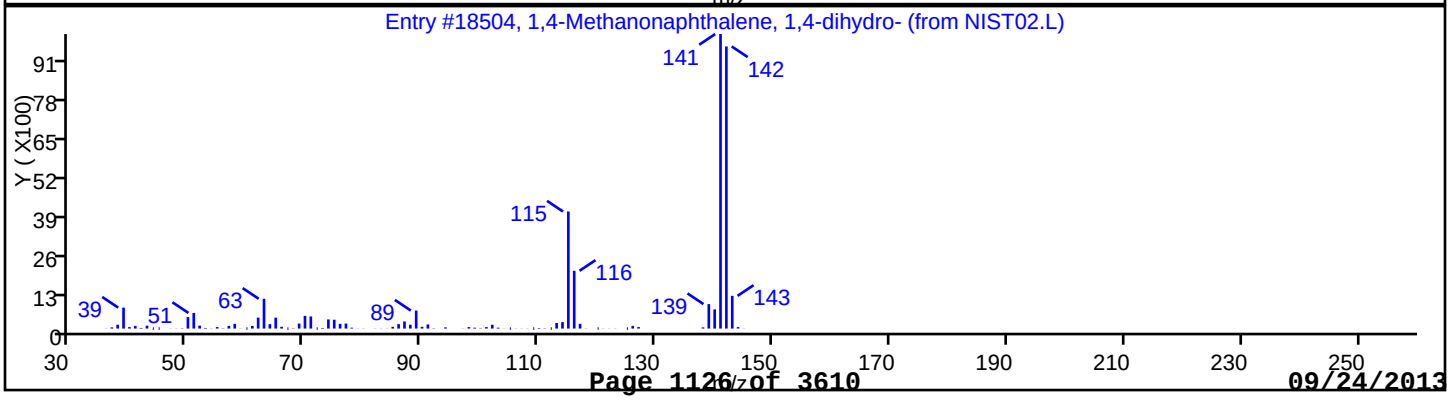
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	96
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	96
1,4-Methanonaphthalene, 1,4-dihydro-	4453-90-1	NIST02.L	18504	91









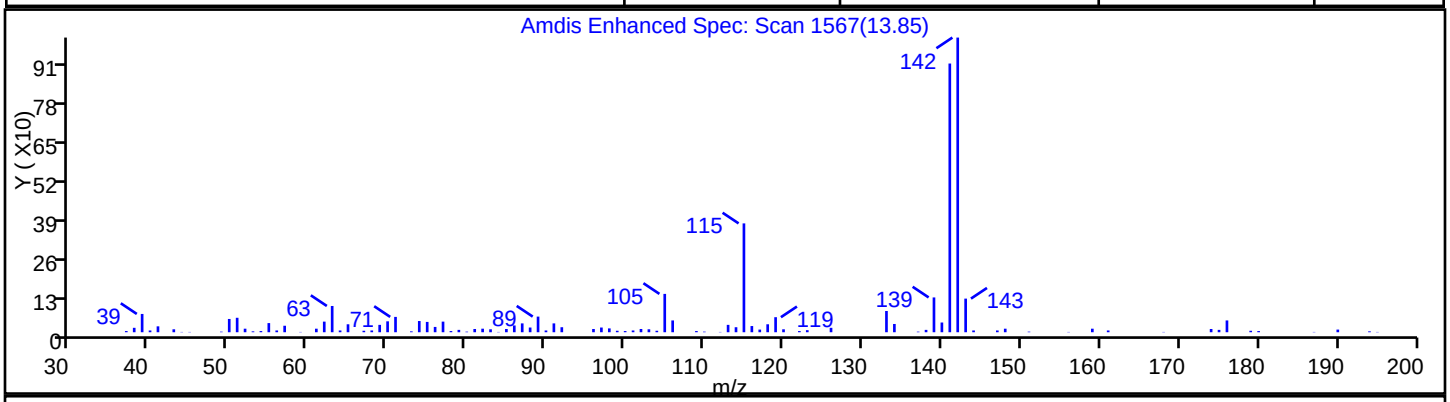
Report Date: 20-Sep-2013 18:06:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

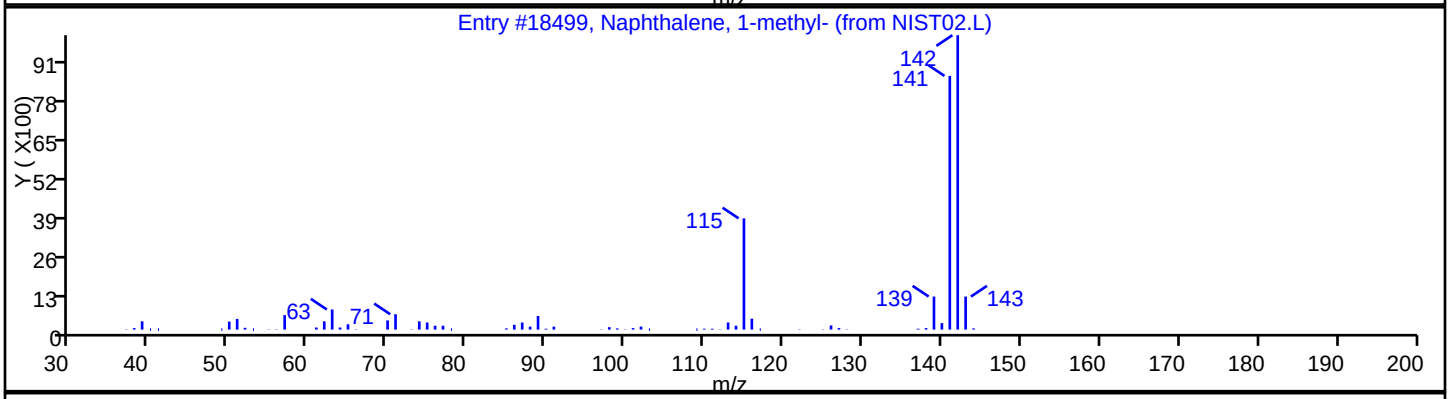
TestAmerica Edison

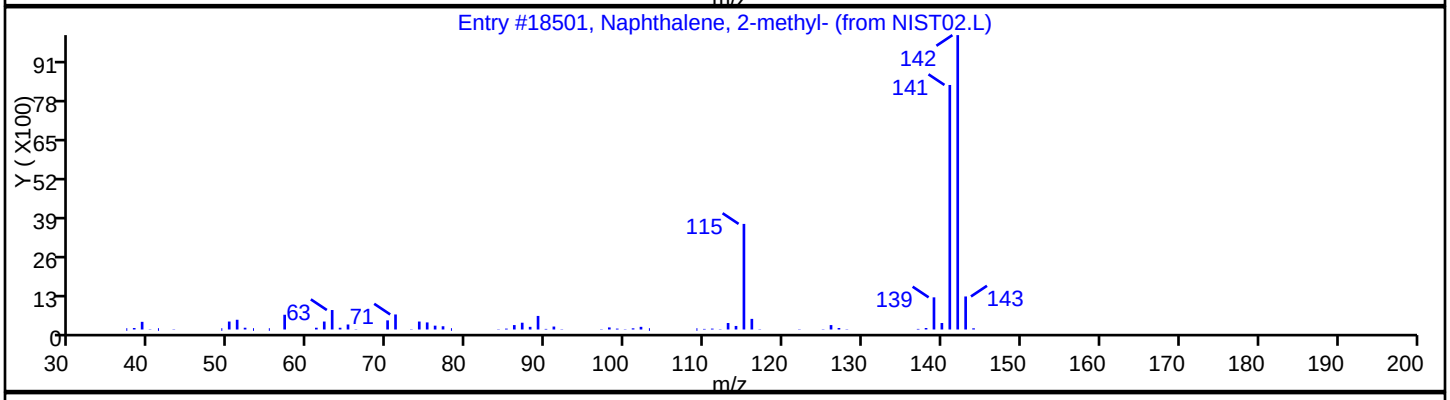
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60706.D

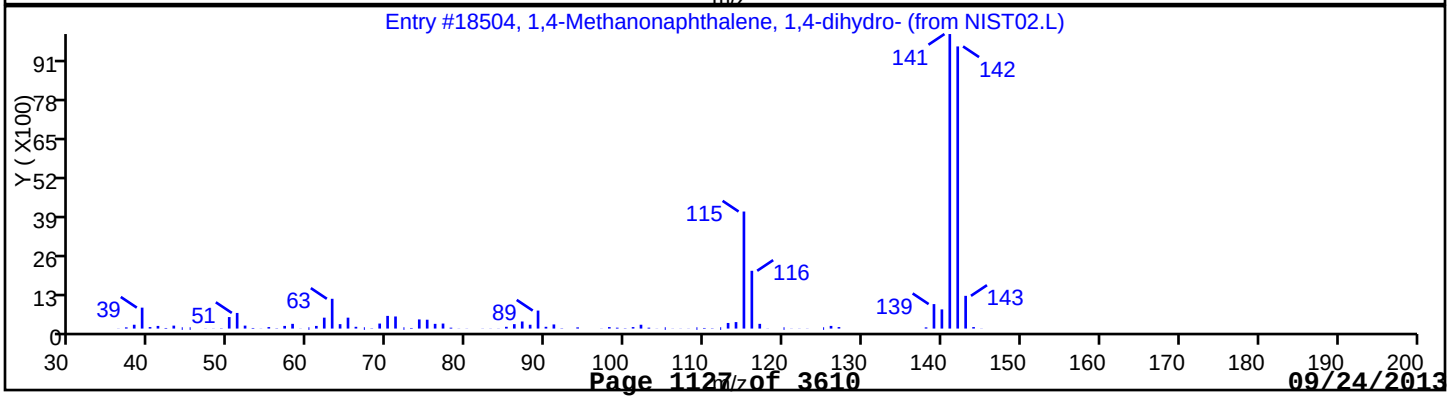
Injection Date:	20-Sep-2013 02:38:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	11
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	93
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	93
1,4-Methanonaphthalene, 1,4-dihydro-	4453-90-1	NIST02.L	18504	93









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SD | Lab Sample ID: 460-62993-29

Matrix: Solid | Lab File ID: O77951.D

Analysis Method: 8260B | Date Collected: 09/13/2013 11:25

Sample wt/vol: 6.84(g) | Date Analyzed: 09/17/2013 10:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.8 | Level: (low/med) Low

Analysis Batch No.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.14	U	0.85	0.14
74-83-9	Bromomethane	0.36	U	0.85	0.36
75-01-4	Vinyl chloride	0.29	U	0.85	0.29
75-00-3	Chloroethane	0.28	U	0.85	0.28
75-09-2	Methylene Chloride	0.13	U	0.85	0.13
67-64-1	Acetone	5.5	B	4.2	1.4
75-15-0	Carbon disulfide	0.13	J	0.85	0.13
75-69-4	Trichlorofluoromethane	0.14	U	0.85	0.14
75-35-4	1,1-Dichloroethene	0.16	U	0.85	0.16
75-34-3	1,1-Dichloroethane	0.093	U	0.85	0.093
156-60-5	trans-1,2-Dichloroethene	0.59	J	0.85	0.11
156-59-2	cis-1,2-Dichloroethene	5.4		0.85	0.093
67-66-3	Chloroform	2.7		0.85	0.20
78-93-3	2-Butanone	0.53	U	4.2	0.53
107-06-2	1,2-Dichloroethane	0.15	U	0.85	0.15
71-55-6	1,1,1-Trichloroethane	0.11	U	0.85	0.11
56-23-5	Carbon tetrachloride	0.13	U	0.85	0.13
71-43-2	Benzene	0.13	U	0.85	0.13
75-25-2	Bromoform	0.14	U	0.85	0.14
100-42-5	Styrene	0.24	U	0.85	0.24
100-41-4	Ethylbenzene	0.14	U	0.85	0.14
108-90-7	Chlorobenzene	2.5		0.85	0.15
110-82-7	Cyclohexane	0.11	U	0.85	0.11
98-82-8	Isopropylbenzene	0.42	J	0.85	0.093
591-78-6	2-Hexanone	0.11	U	4.2	0.11
1634-04-4	MTBE	0.093	U	0.85	0.093
76-13-1	Freon TF	2.2		0.85	0.093
79-20-9	Methyl acetate	0.27	U	0.85	0.27
123-91-1	1,4-Dioxane	11	U	17	11
79-01-6	Trichloroethene	60		0.85	0.10
108-88-3	Toluene	0.12	U	0.85	0.12
10061-02-6	trans-1,3-Dichloropropene	0.085	U	0.85	0.085
108-10-1	4-Methyl-2-pentanone	0.17	U	4.2	0.17
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.85	0.12
95-50-1	1,2-Dichlorobenzene	2.3		0.85	0.085
541-73-1	1,3-Dichlorobenzene	0.14	U	0.85	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SD | Lab Sample ID: 460-62993-29

Matrix: Solid | Lab File ID: O77951.D

Analysis Method: 8260B | Date Collected: 09/13/2013 11:25

Sample wt/vol: 6.84(g) | Date Analyzed: 09/17/2013 10:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.8 | Level: (low/med) Low

Analysis Batch No.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.48	J	0.85	0.093
120-82-1	1,2,4-Trichlorobenzene	16		0.85	0.16
87-61-6	1,2,3-Trichlorobenzene	4.6		0.85	0.14
78-87-5	1,2-Dichloropropane	0.13	U	0.85	0.13
108-87-2	Methylcyclohexane	0.44	J	0.85	0.085
127-18-4	Tetrachloroethene	8.9		0.85	0.10
1330-20-7	Xylenes, Total	0.57	U	2.5	0.57
96-12-8	1,2-Dibromo-3-Chloropropane	0.37	U *	0.85	0.37
79-34-5	1,1,2,2-Tetrachloroethane	0.076	U	0.85	0.076
79-00-5	1,1,2-Trichloroethane	0.12	U	0.85	0.12
124-48-1	Dibromochloromethane	0.085	U	0.85	0.085
106-93-4	1,2-Dibromoethane	0.13	U	0.85	0.13
75-71-8	Dichlorodifluoromethane	0.19	U	0.85	0.19
74-97-5	Bromochloromethane	0.093	U	0.85	0.093
75-27-4	Bromodichloromethane	0.27	U	0.85	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-130
2037-26-5	Toluene-d8 (Surr)	108		70-130
460-00-4	Bromofluorobenzene	98		70-130
1868-53-7	Dibromofluoromethane (Surr)	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SD Lab Sample ID: 460-62993-29

Matrix: Solid Lab File ID: O77951.D

Analysis Method: 8260B Date Collected: 09/13/2013 11:25

Sample wt/vol: 6.84(g) Date Analyzed: 09/17/2013 10:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.8 Level: (low/med) Low

Analysis Batch No.: 181663 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77951.D
Lims ID: 460-62993-A-29-A
Client ID: PMP-13SE-SD
Inject. Date: 17-Sep-2013 10:58:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-62993-A-29-A
Misc. Info.: 460-0004695-015
Operator: VOA GC/MS12
Instrument ID: CVOAMS12
Purge Vol: 5.000 mL
ALS Bottle#: 14
Lims Batch ID: 181663
Lims Sample ID: 15
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\8260S_12.m
Last Update: 20-Sep-2013 14:18:49
Calib Date: 06-Aug-2013 22:09:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D
Limit Group: VOA - 8260B Water and Solid
Integrator: RTE
ID Type: Deconvolution ID
Column Type: Rtx-624
Column Dia: 0.25 mm
Process Host: XAWRK016

First Level Reviewer: tupayachia
Date: 17-Sep-2013 17:59:19

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.589	1.582	0.007	92	7617	2.64	
19 Acetone	43	1.632	1.632	0.0	69	5796	6.49	
21 Carbon disulfide	76	1.704	1.704	0.0	87	1501	0.1552	
* 151 TBA-d9 (IS)	65	1.904	1.911	-0.007	86	251244	1000.0	
29 trans-1,2-Dichloroethene	96	2.026	2.026	0.0	89	2035	0.6973	
42 cis-1,2-Dichloroethene	96	2.706	2.707	-0.001	88	20412	6.41	
47 Chloroform	83	2.957	2.957	0.0	93	14326	3.17	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	97	88286	50.7	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.365	3.366	-0.001	88	89345	58.2	
* 59 Fluorobenzene	96	3.659	3.659	0.0	100	377180	50.0	
61 Trichloroethene	95	4.003	4.003	0.0	92	199774	70.7	
63 Methylcyclohexane	83	4.175	4.168	0.007	82	2736	0.5242	
* 150 1,4-Dioxane-d8	96	4.347	4.347	0.0	83	20312	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	384820	54.0	
80 Tetrachloroethene	166	6.073	6.073	0.0	91	36139	10.5	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	356155	50.0	
88 Chlorobenzene	112	7.241	7.248	-0.007	94	24000	2.93	
92 o-Xylene	106	8.201	8.201	0.0	82	1955	0.3815	
98 Isopropylbenzene	105	8.802	8.802	0.0	75	7121	0.4896	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	94	136687	49.0	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	195028	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	54	3836	0.5663	
121 1,2-Dichlorobenzene	146	11.453	11.453	0.0	94	17580	2.75	
124 1,2,4-Trichlorobenzene	180	13.229	13.229	0.0	91	103620	19.4	
128 1,2,3-Trichlorobenzene	180	13.644	13.645	-0.001	93	25638	5.48	
S 131 Xylenes, Total	100				0		0.3815	

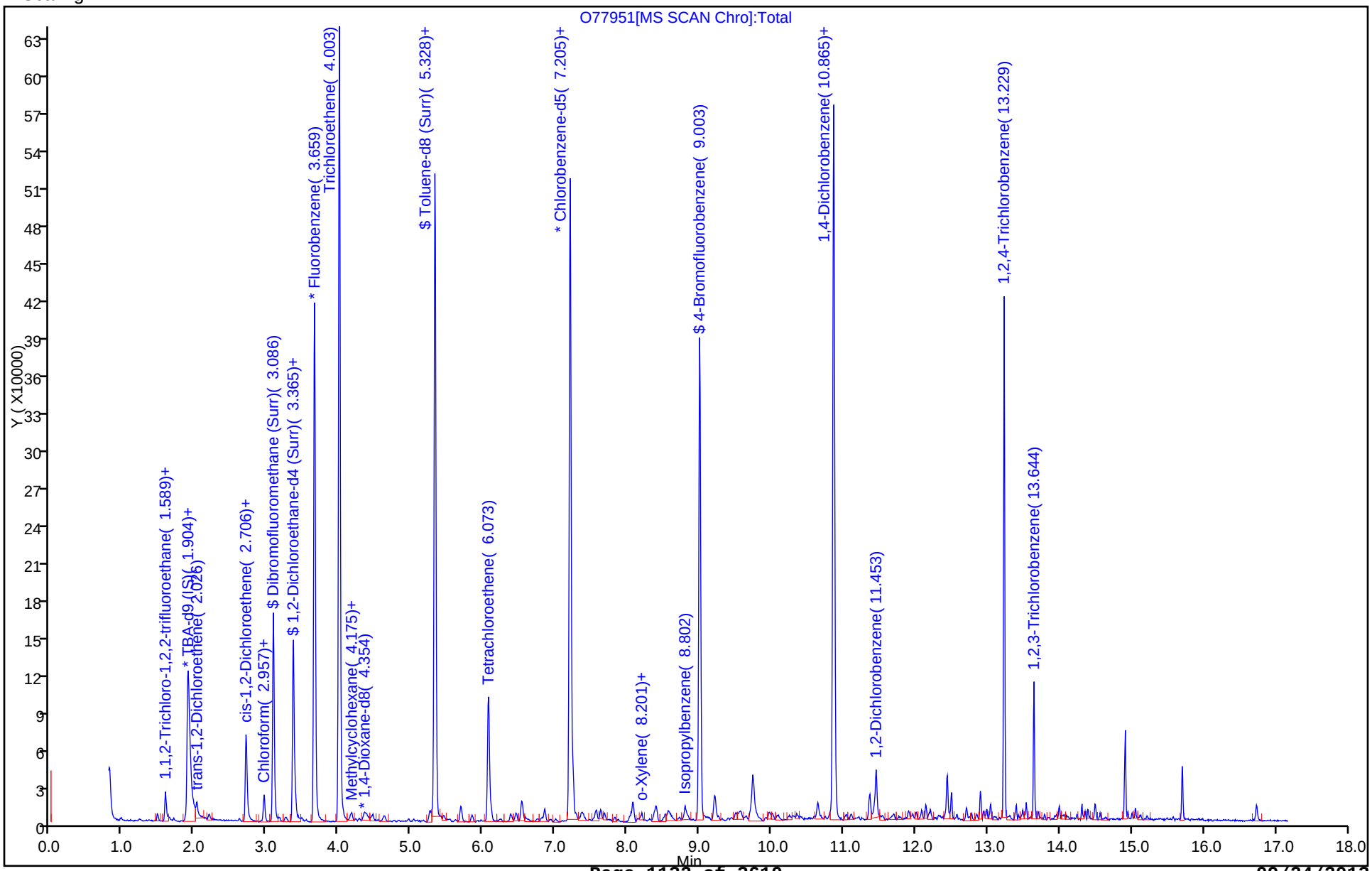
Report Date: 20-Sep-2013 14:18:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77951.D

Injection Date:	17-Sep-2013 10:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	15
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



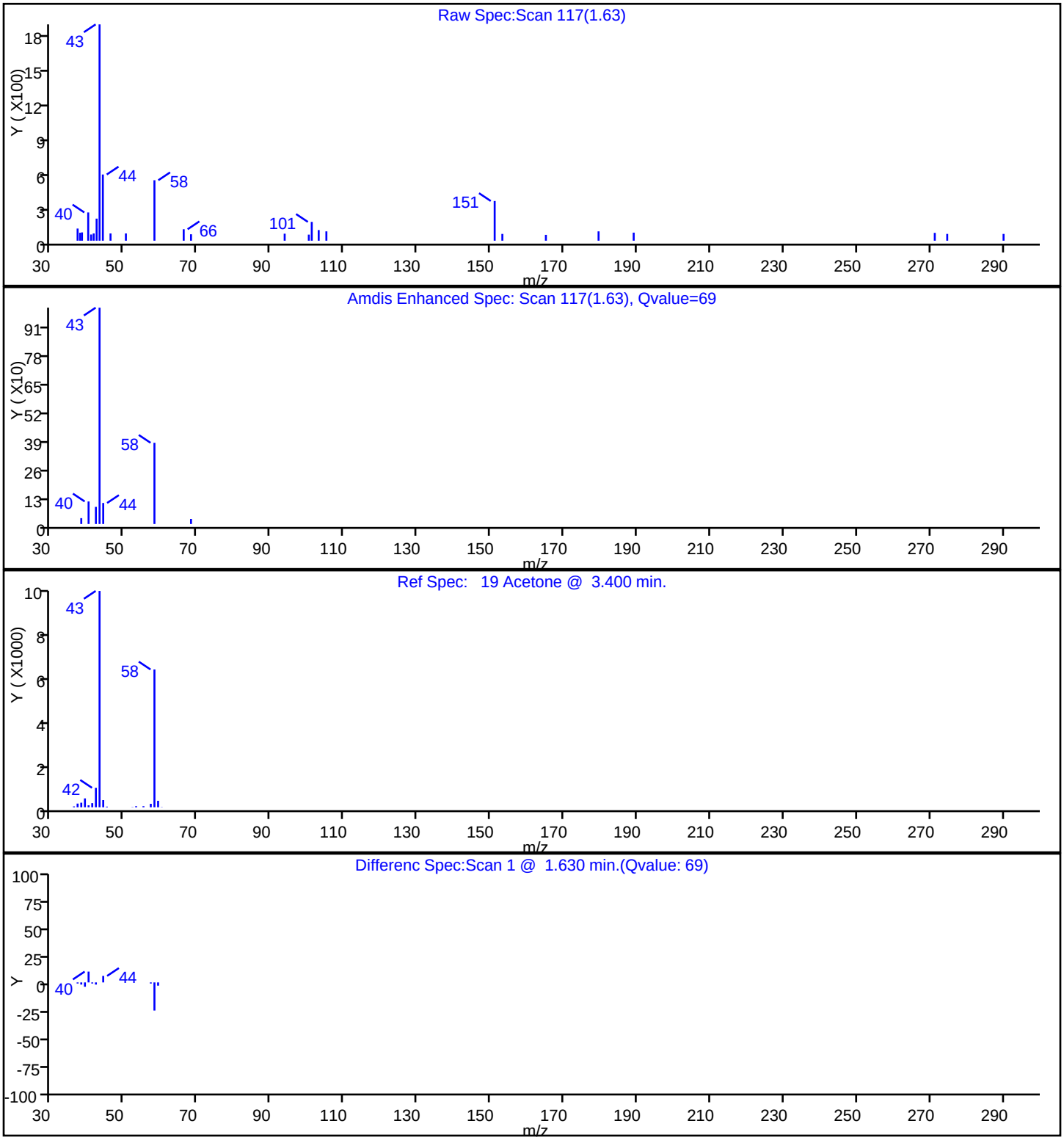
Report Date: 20-Sep-2013 14:18:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77951.D

Injection Date:	17-Sep-2013 10:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	15
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



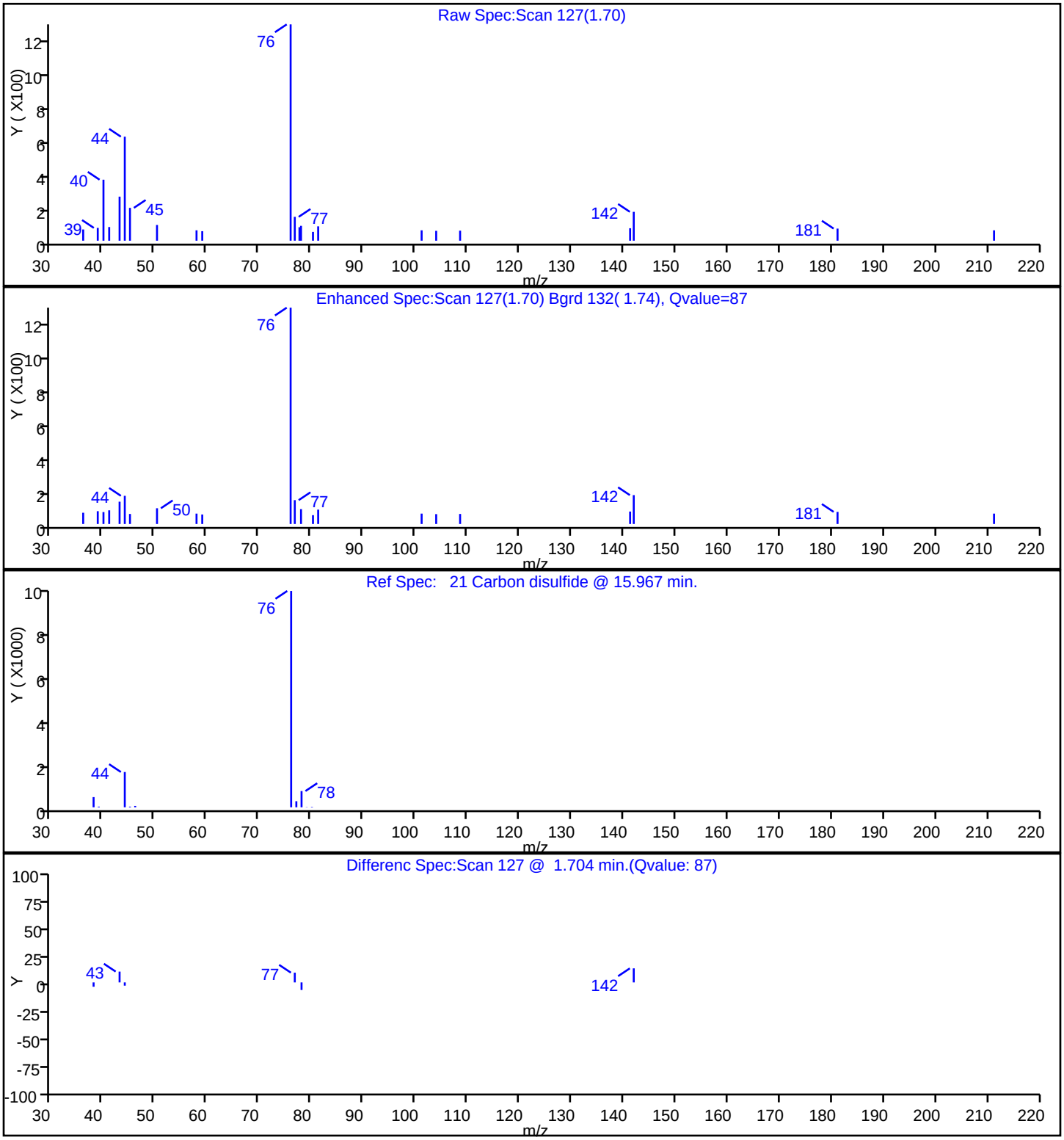
Report Date: 20-Sep-2013 14:18:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77951.D

Injection Date:	17-Sep-2013 10:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	15
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

21 Carbon disulfide



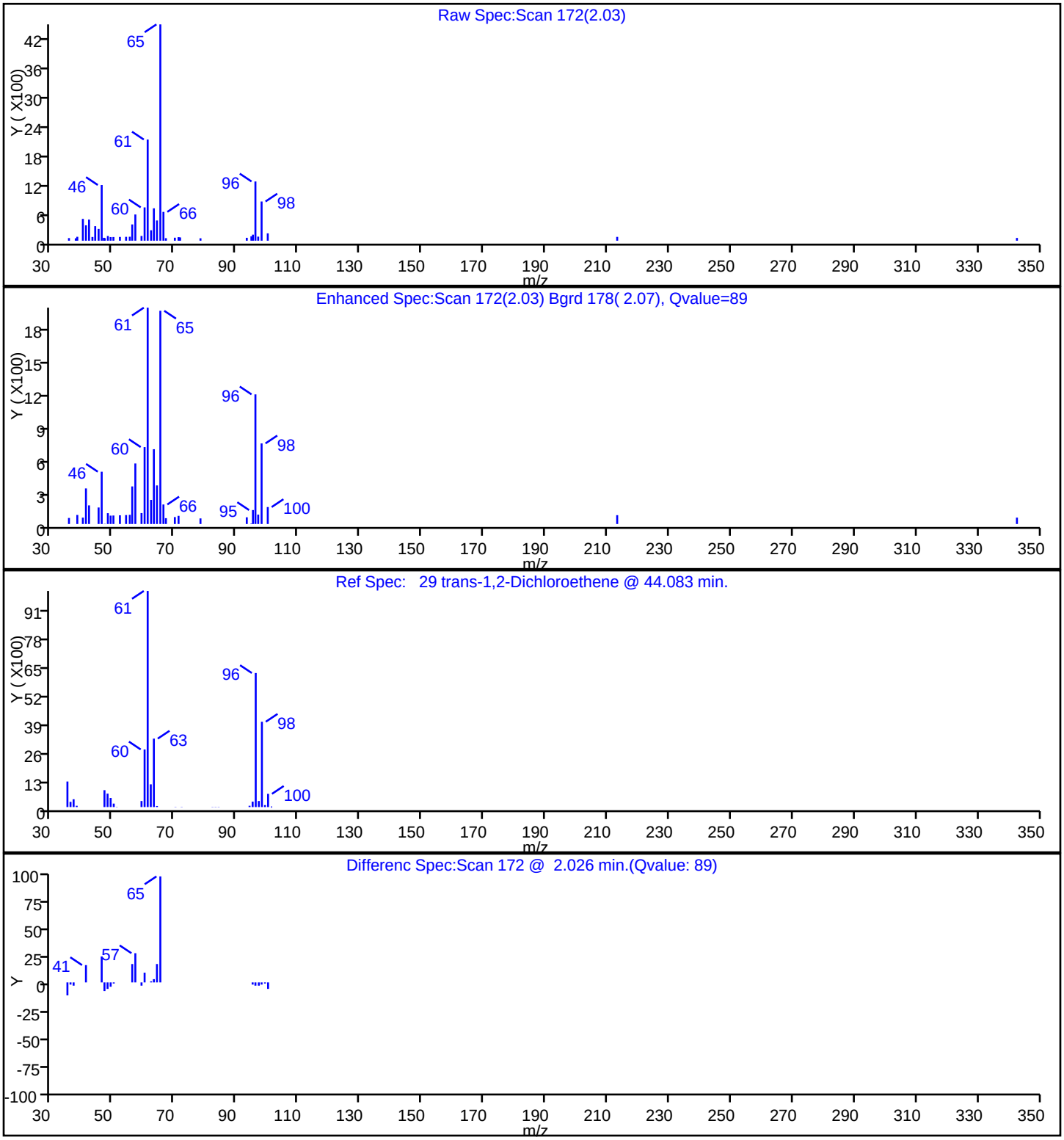
Report Date: 20-Sep-2013 14:18:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77951.D

Injection Date:	17-Sep-2013 10:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	15
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

29 trans-1,2-Dichloroethene



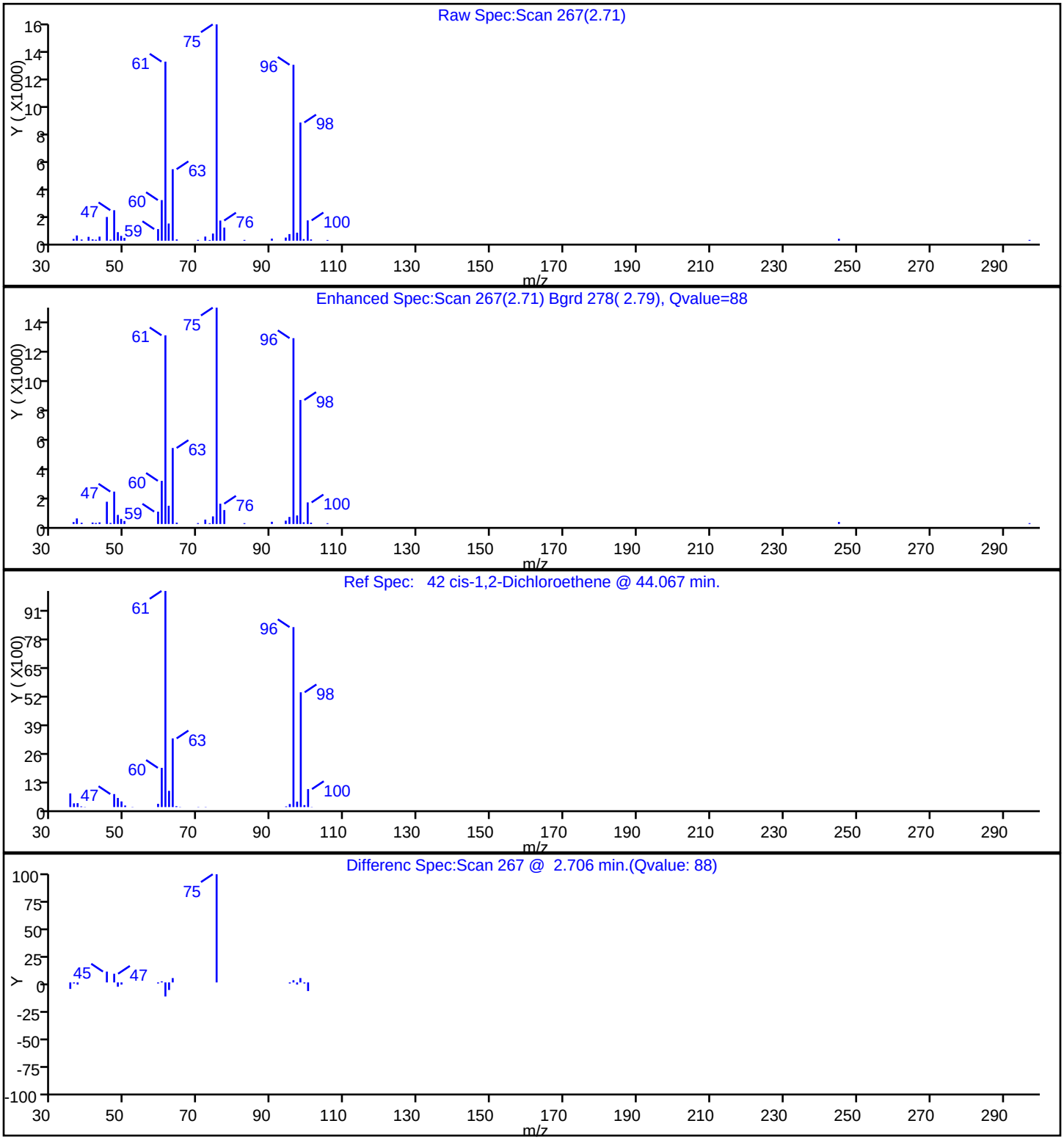
Report Date: 20-Sep-2013 14:18:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77951.D

Injection Date:	17-Sep-2013 10:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	15
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

42 cis-1,2-Dichloroethene



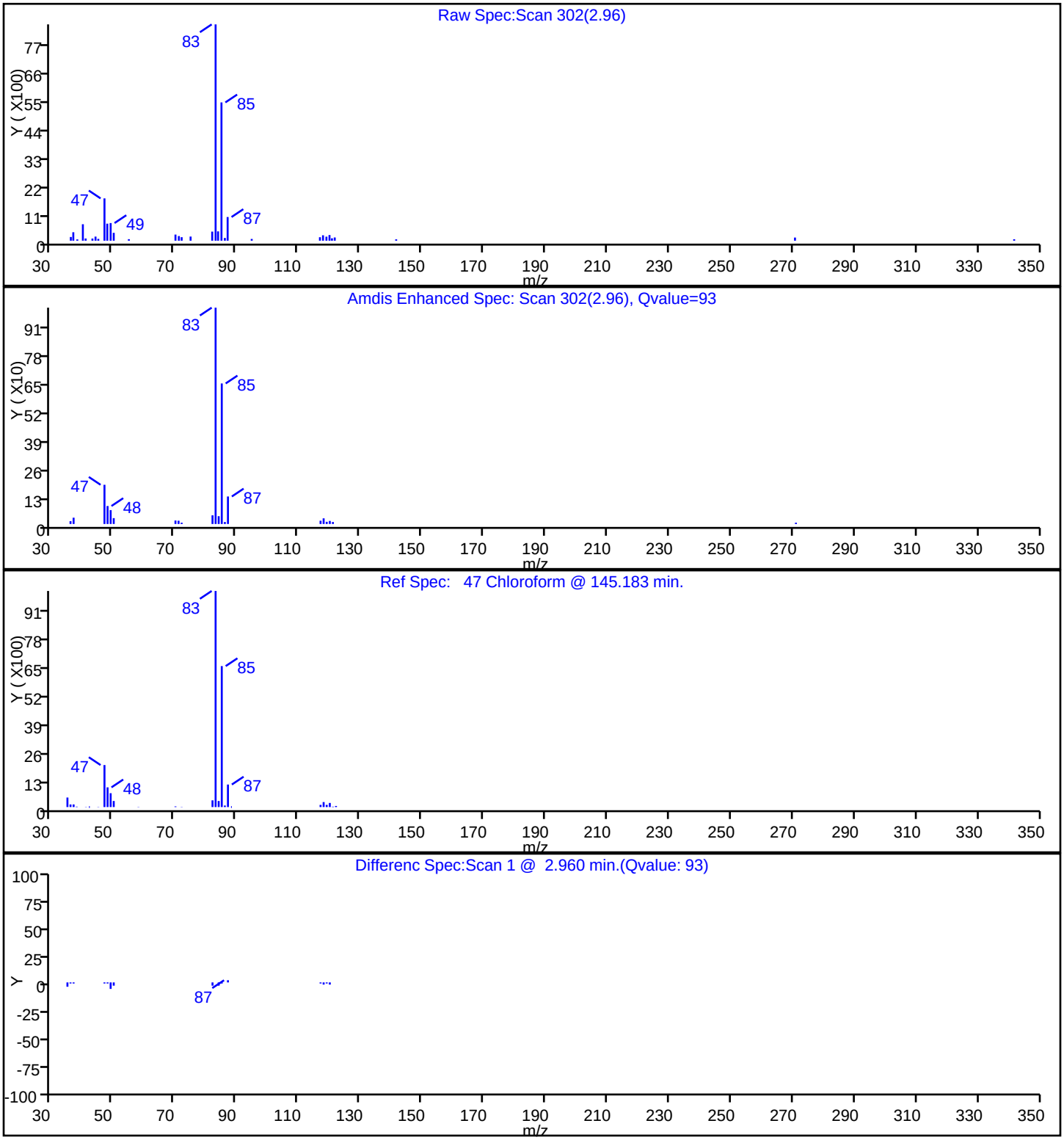
Report Date: 20-Sep-2013 14:18:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77951.D

Injection Date:	17-Sep-2013 10:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	15
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



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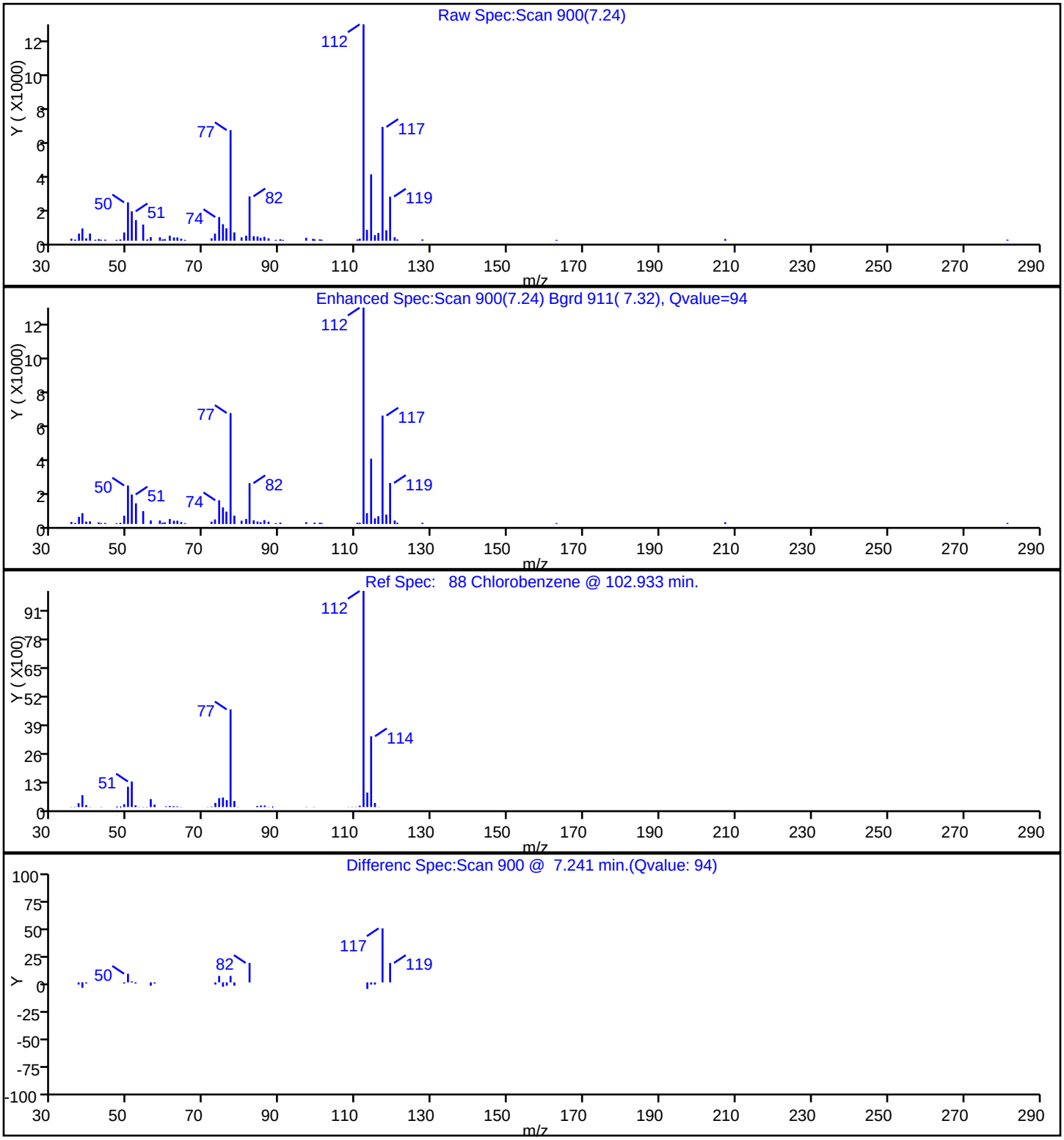
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77951.D

Injection Date:	17-Sep-2013 10:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	15
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

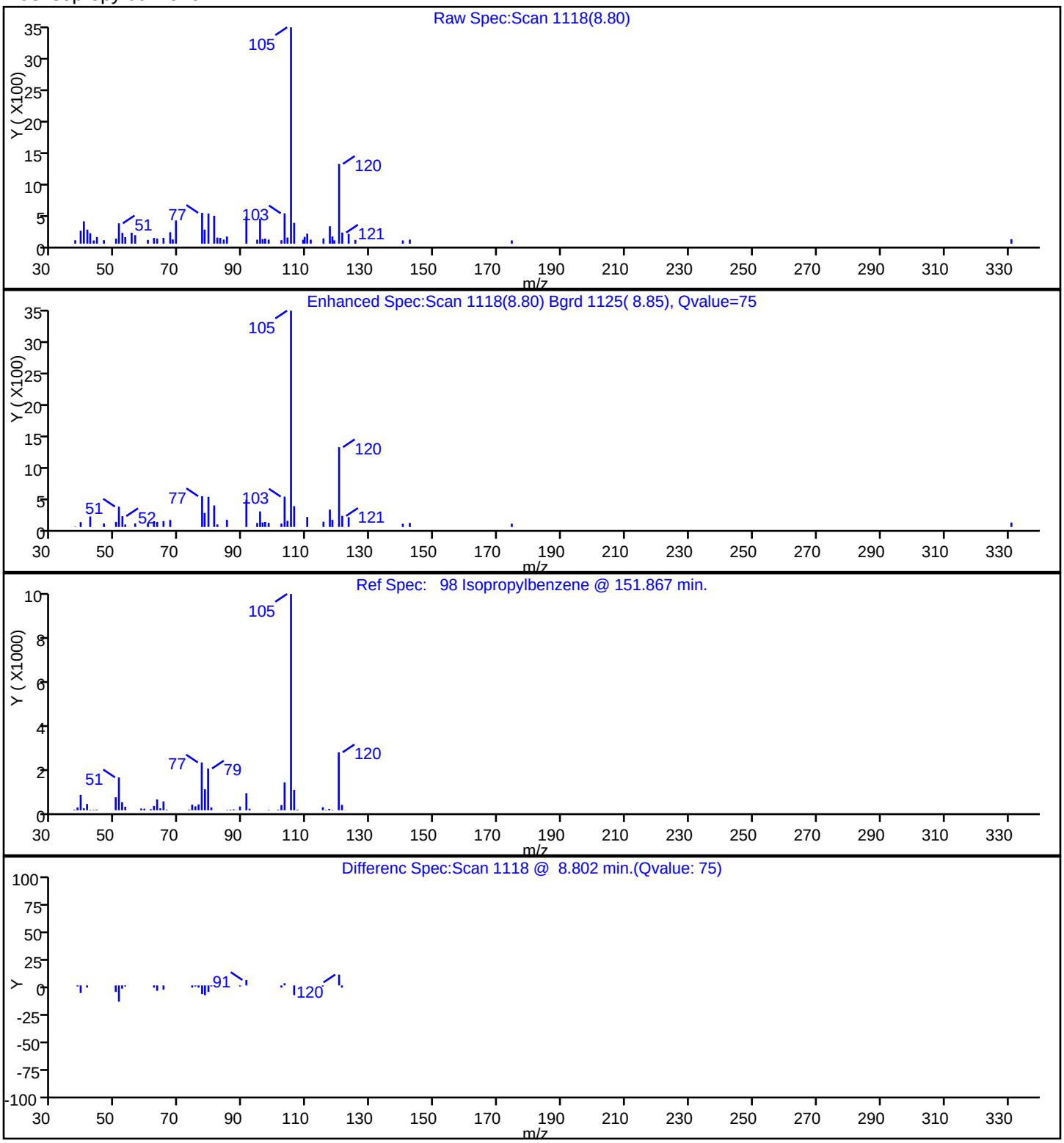
88 Chlorobenzene



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77951.D		
Injection Date:	17-Sep-2013 10:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	15
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

98 Isopropylbenzene



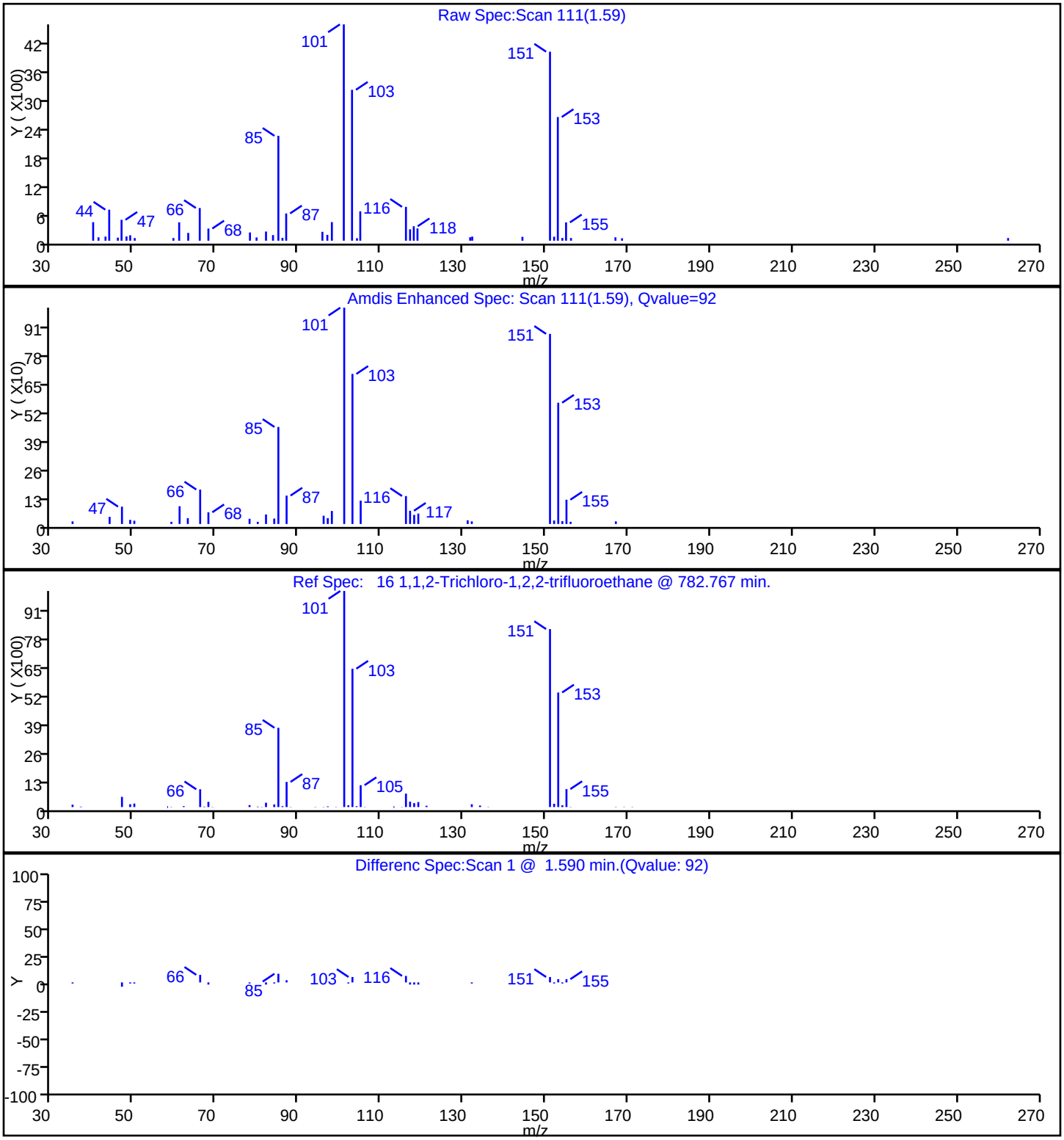
Report Date: 20-Sep-2013 14:18:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77951.D

Injection Date:	17-Sep-2013 10:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	15
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

16 1,1,2-Trichloro-1,2,2-trifluoroethane



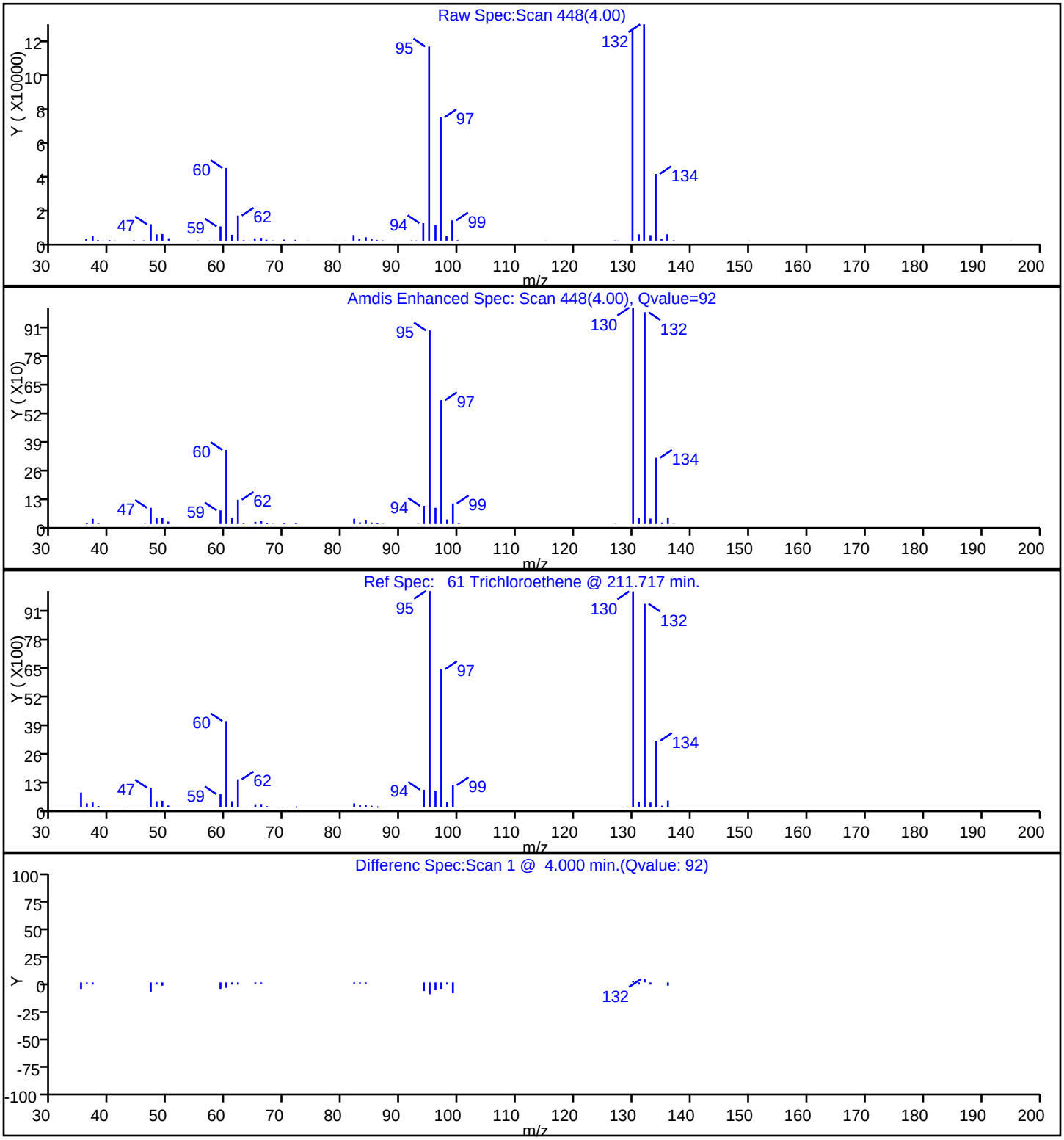
Report Date: 20-Sep-2013 14:18:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77951.D

Injection Date:	17-Sep-2013 10:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	15
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

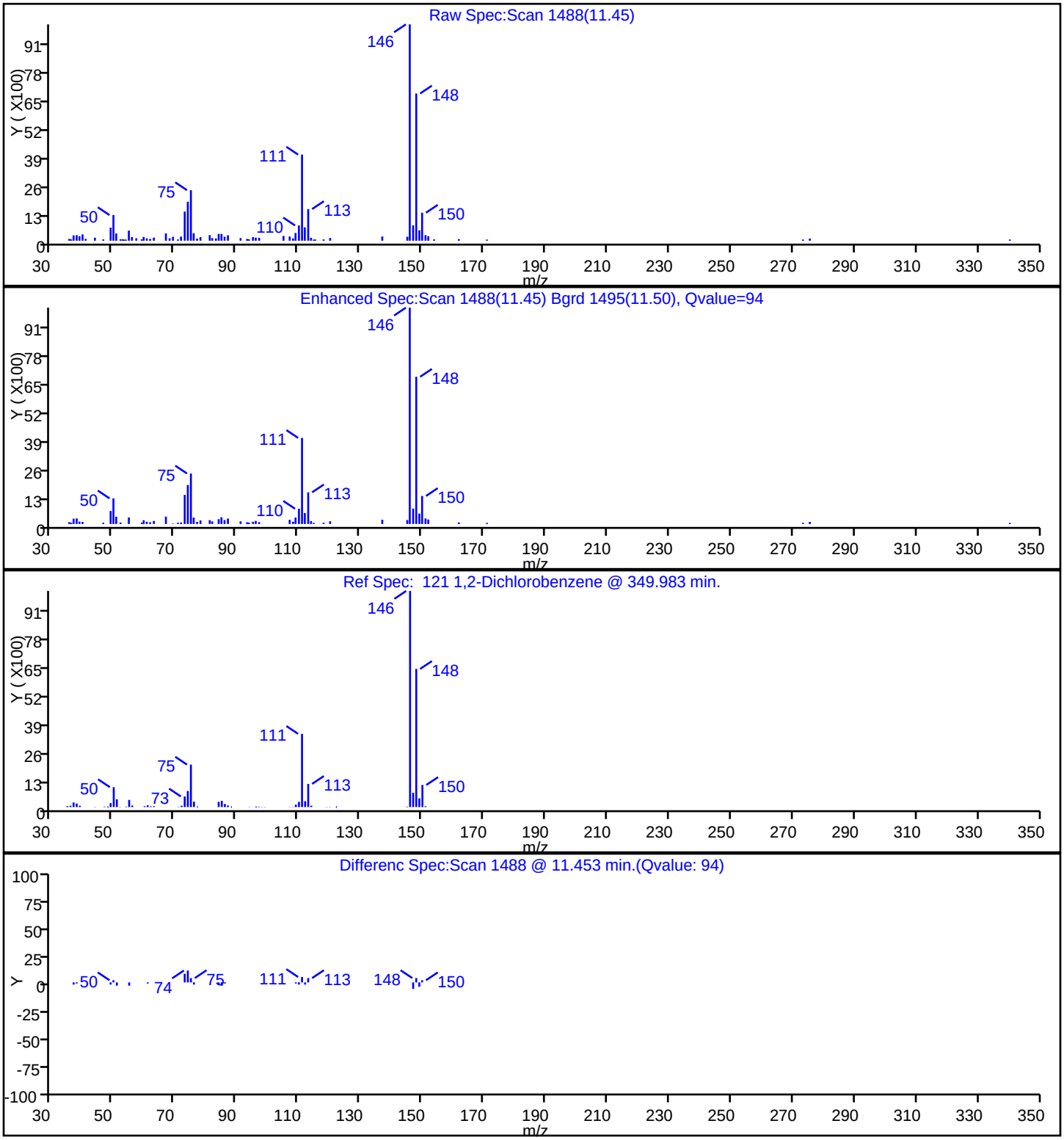
61 Trichloroethene



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77951.D		
Injection Date:	17-Sep-2013 10:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	15
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

121 1,2-Dichlorobenzene



Report Date: 20-Sep-2013 14:18:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

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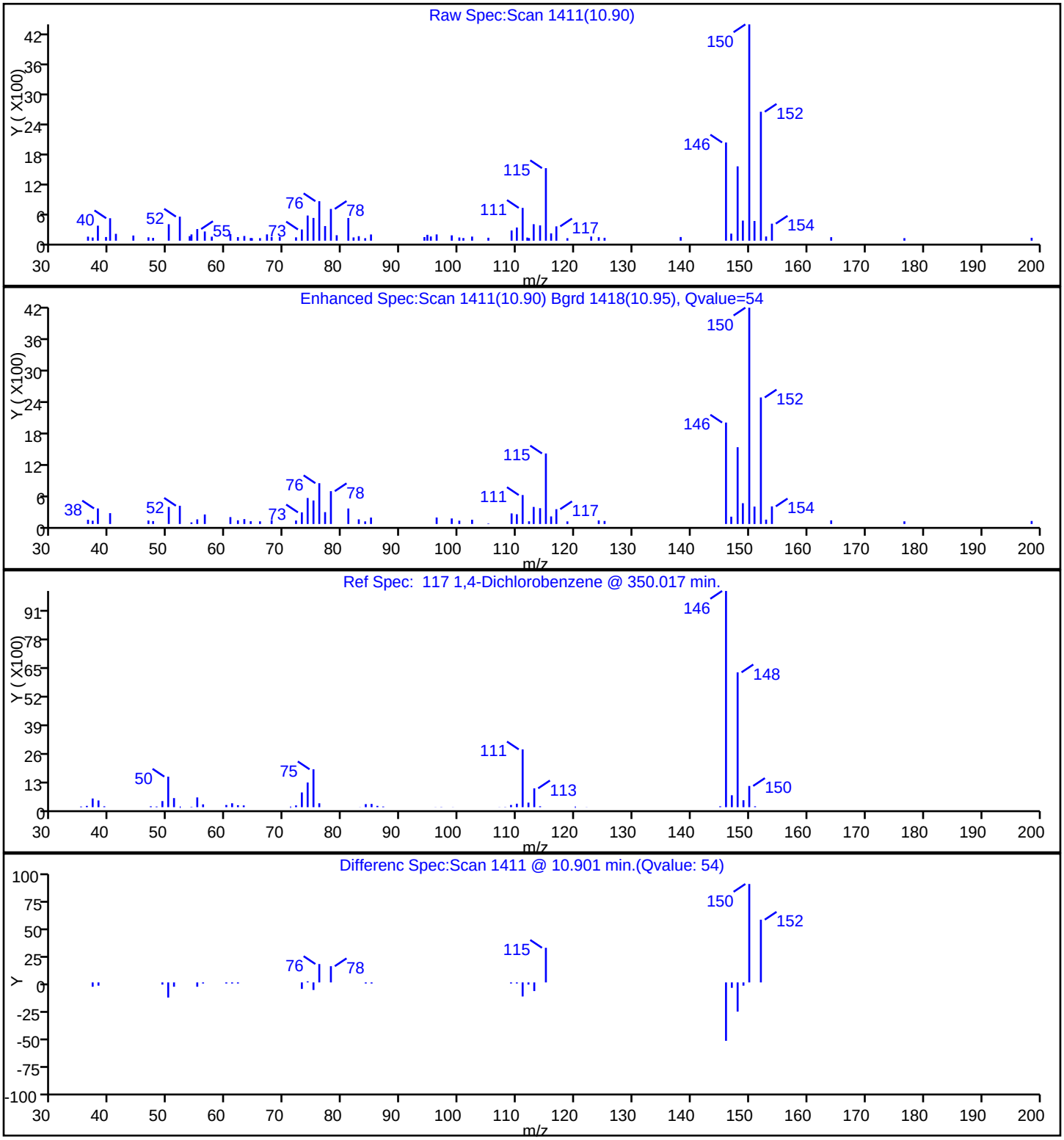
Injection Date:	17-Sep-2013 10:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	15
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



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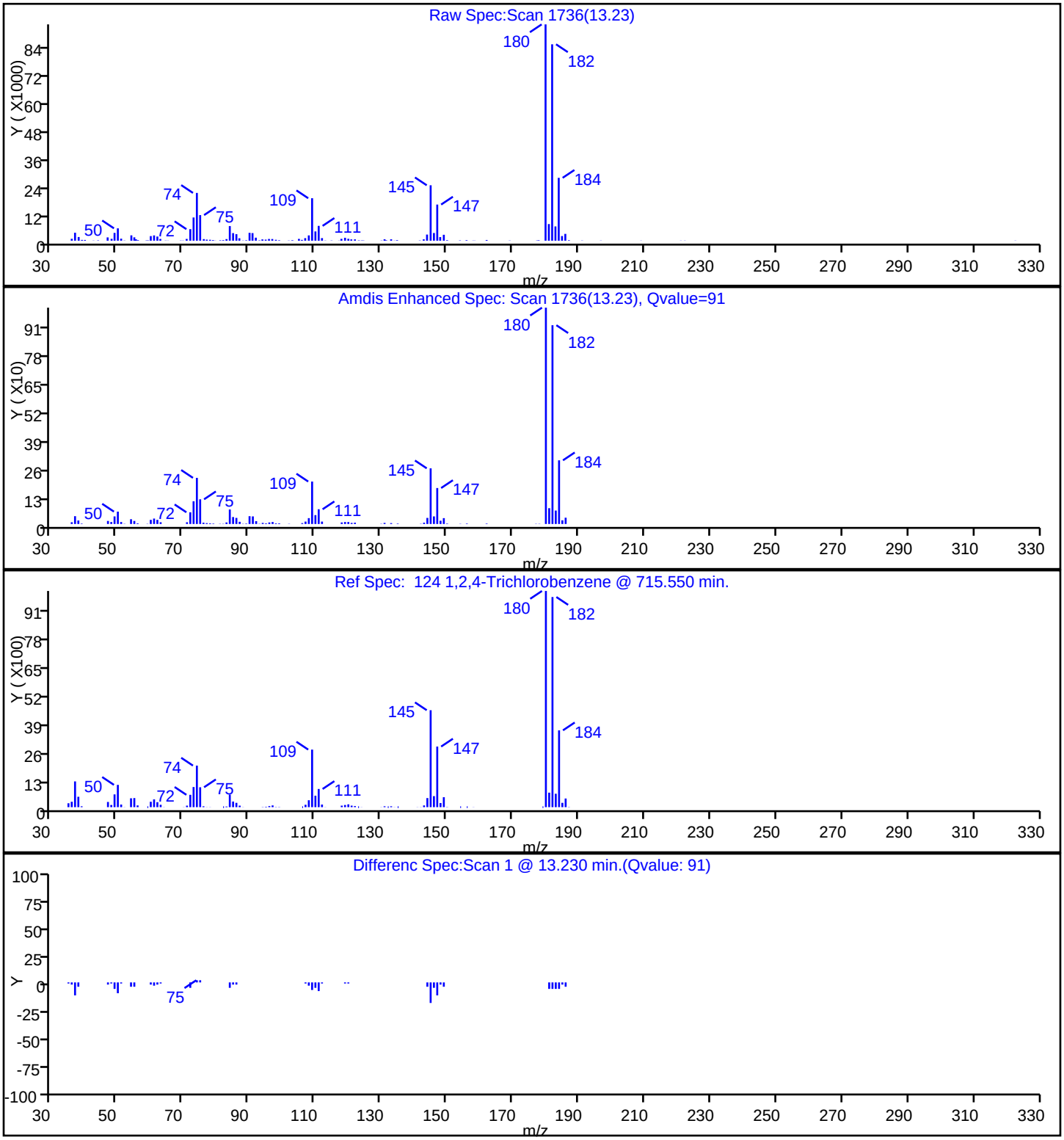
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77951.D

Injection Date:	17-Sep-2013 10:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	15
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



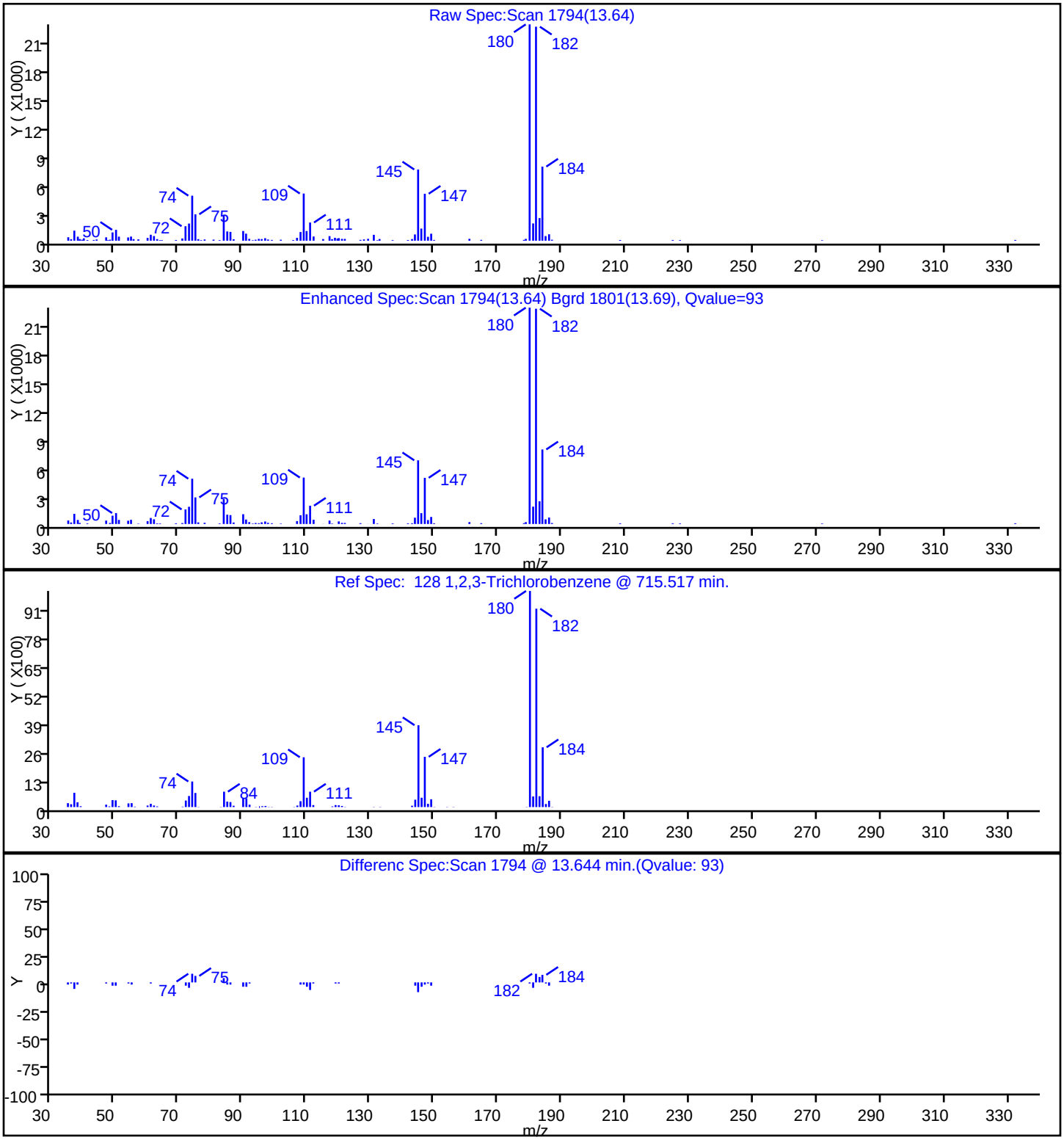
Report Date: 20-Sep-2013 14:18:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77951.D

Injection Date:	17-Sep-2013 10:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	15
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

128 1,2,3-Trichlorobenzene



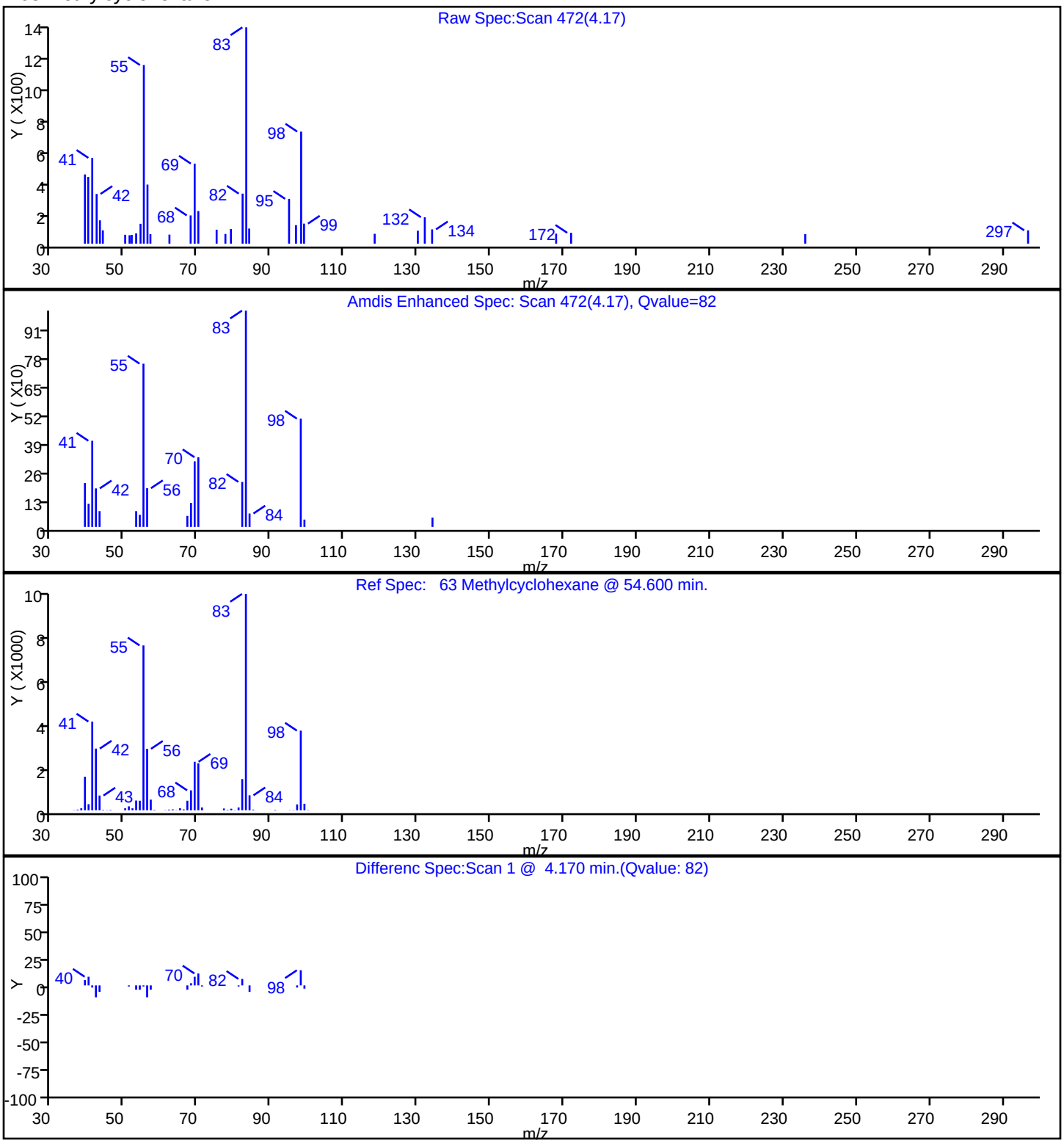
Report Date: 20-Sep-2013 14:18:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77951.D

Injection Date:	17-Sep-2013 10:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	15
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

63 Methylcyclohexane



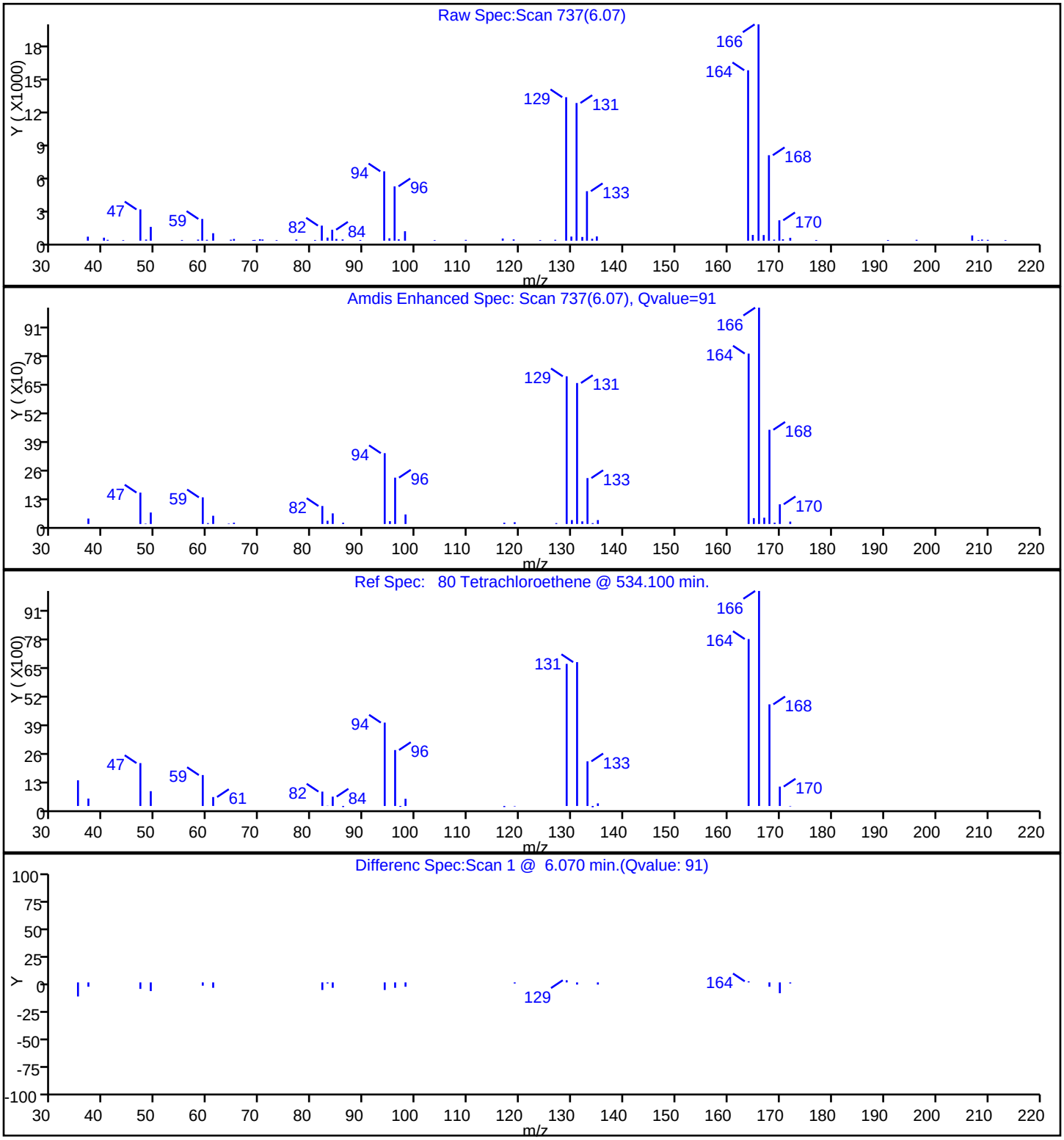
Report Date: 20-Sep-2013 14:18:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77951.D

Injection Date:	17-Sep-2013 10:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-13SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	15
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-VD | Lab Sample ID: 460-62993-30

Matrix: Solid | Lab File ID: O77952.D

Analysis Method: 8260B | Date Collected: 09/13/2013 11:45

Sample wt/vol: 5.661(g) | Date Analyzed: 09/17/2013 11:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.2 | Level: (low/med) Low

Analysis Batch No.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.92	0.15
74-83-9	Bromomethane	0.40	U	0.92	0.40
75-01-4	Vinyl chloride	0.31	U	0.92	0.31
75-00-3	Chloroethane	0.30	U	0.92	0.30
75-09-2	Methylene Chloride	0.14	U	0.92	0.14
67-64-1	Acetone	9.8	B	4.6	1.6
75-15-0	Carbon disulfide	0.14	U	0.92	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.92	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.92	0.18
75-34-3	1,1-Dichloroethane	0.10	U	0.92	0.10
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.92	0.12
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.92	0.10
67-66-3	Chloroform	0.22	U	0.92	0.22
78-93-3	2-Butanone	0.58	U	4.6	0.58
107-06-2	1,2-Dichloroethane	0.17	U	0.92	0.17
71-55-6	1,1,1-Trichloroethane	0.12	U	0.92	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.92	0.14
71-43-2	Benzene	0.14	U	0.92	0.14
75-25-2	Bromoform	0.16	U	0.92	0.16
100-42-5	Styrene	0.26	U	0.92	0.26
100-41-4	Ethylbenzene	0.16	U	0.92	0.16
108-90-7	Chlorobenzene	0.17	U	0.92	0.17
110-82-7	Cyclohexane	0.12	U	0.92	0.12
98-82-8	Isopropylbenzene	0.10	U	0.92	0.10
591-78-6	2-Hexanone	0.12	U	4.6	0.12
1634-04-4	MTBE	0.10	U	0.92	0.10
76-13-1	Freon TF	0.10	U	0.92	0.10
79-20-9	Methyl acetate	0.29	U	0.92	0.29
123-91-1	1,4-Dioxane	12	U	18	12
79-01-6	Trichloroethene	0.11	U	0.92	0.11
108-88-3	Toluene	0.13	U	0.92	0.13
10061-02-6	trans-1,3-Dichloropropene	0.092	U	0.92	0.092
108-10-1	4-Methyl-2-pentanone	0.18	U	4.6	0.18
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.92	0.13
95-50-1	1,2-Dichlorobenzene	0.092	U	0.92	0.092
541-73-1	1,3-Dichlorobenzene	0.15	U	0.92	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-VD | Lab Sample ID: 460-62993-30

Matrix: Solid | Lab File ID: O77952.D

Analysis Method: 8260B | Date Collected: 09/13/2013 11:45

Sample wt/vol: 5.661(g) | Date Analyzed: 09/17/2013 11:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.2 | Level: (low/med) Low

Analysis Batch No.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.42	J	0.92	0.10
120-82-1	1,2,4-Trichlorobenzene	0.46	J	0.92	0.18
87-61-6	1,2,3-Trichlorobenzene	0.19	J	0.92	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.92	0.14
108-87-2	Methylcyclohexane	0.092	U	0.92	0.092
127-18-4	Tetrachloroethene	0.11	U	0.92	0.11
1330-20-7	Xylenes, Total	0.62	U	2.8	0.62
96-12-8	1,2-Dibromo-3-Chloropropane	0.41	U *	0.92	0.41
79-34-5	1,1,2,2-Tetrachloroethane	0.083	U	0.92	0.083
79-00-5	1,1,2-Trichloroethane	0.13	U	0.92	0.13
124-48-1	Dibromochloromethane	0.092	U	0.92	0.092
106-93-4	1,2-Dibromoethane	0.14	U	0.92	0.14
75-71-8	Dichlorodifluoromethane	0.20	U	0.92	0.20
74-97-5	Bromochloromethane	0.10	U	0.92	0.10
75-27-4	Bromodichloromethane	0.29	U	0.92	0.29

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
460-00-4	Bromofluorobenzene	98		70-130
1868-53-7	Dibromofluoromethane (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-VD Lab Sample ID: 460-62993-30

Matrix: Solid Lab File ID: O77952.D

Analysis Method: 8260B Date Collected: 09/13/2013 11:45

Sample wt/vol: 5.661(g) Date Analyzed: 09/17/2013 11:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.2 Level: (low/med) Low

Analysis Batch No.: 181663 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77952.D		
Lims ID:	460-62993-A-30-A	Client ID:	PMP-15SE-VD
Inject. Date:	17-Sep-2013 11:23:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-30-A		
Misc. Info.:	460-0004695-016		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	15
Lims Batch ID:	181663	Lims Sample ID:	16
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\8260S_12.m		
Last Update:	17-Sep-2013 18:01:41	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK036		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 18:01:41

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.625	1.632	-0.007	77	7829	10.7	
* 151 TBA-d9 (IS)	65	1.904	1.911	-0.007	91	268217	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	95	88226	49.7	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.366	-0.008	87	89336	57.0	
* 59 Fluorobenzene	96	3.659	3.659	0.0	100	384572	50.0	
* 150 1,4-Dioxane-d8	96	4.361	4.347	0.014	77	20341	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	98	384622	52.8	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	363685	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	94	138982	48.8	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	208146	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	47	3272	0.4526	
124 1,2,4-Trichlorobenzene	180	13.229	13.229	0.0	67	2834	0.4980	
128 1,2,3-Trichlorobenzene	180	13.645	13.645	0.0	53	1057	0.2115	

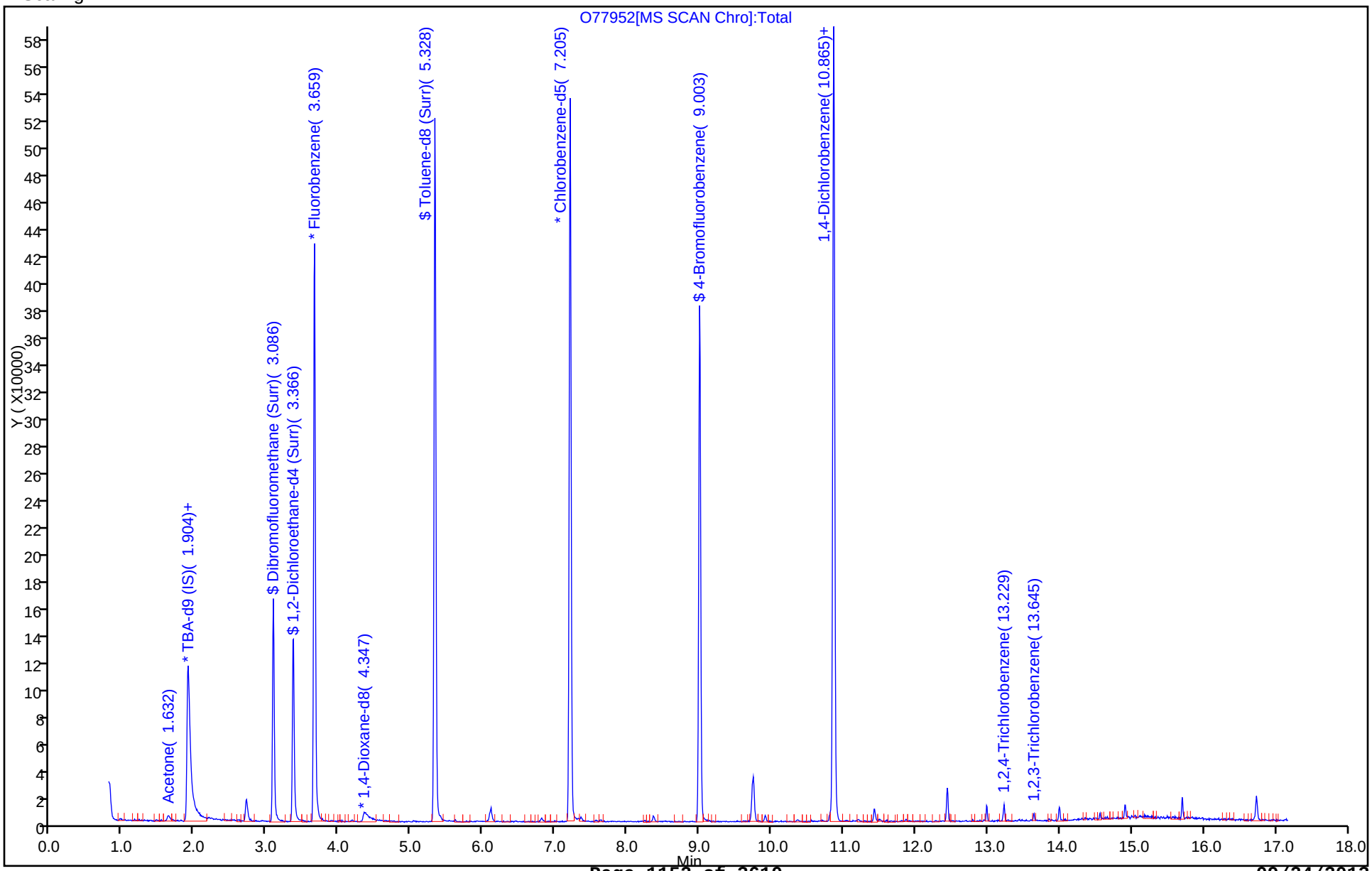
Report Date: 17-Sep-2013 18:01:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77952.D

Injection Date:	17-Sep-2013 11:23:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	16
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



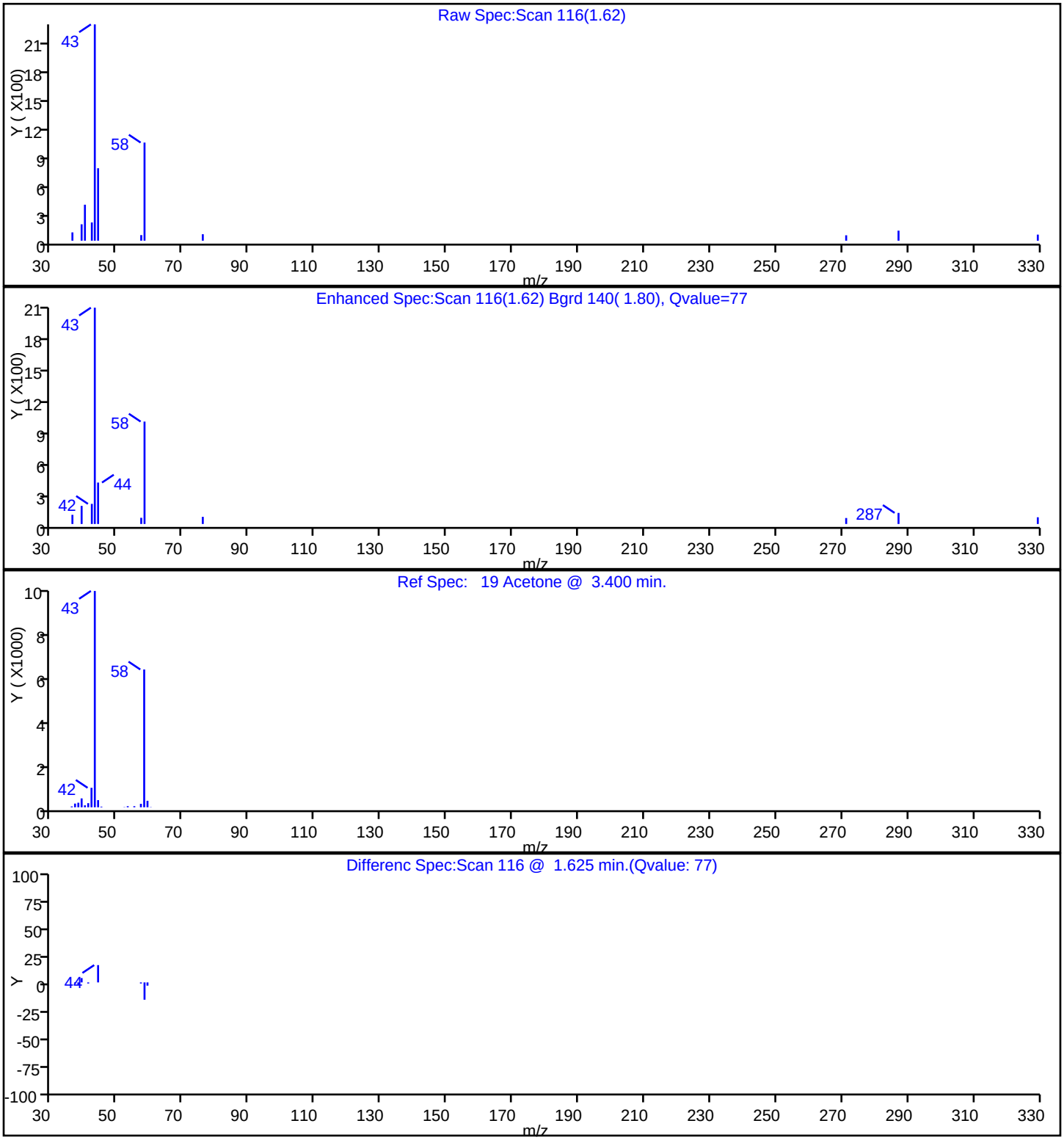
Report Date: 17-Sep-2013 18:01:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77952.D

Injection Date:	17-Sep-2013 11:23:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	16
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



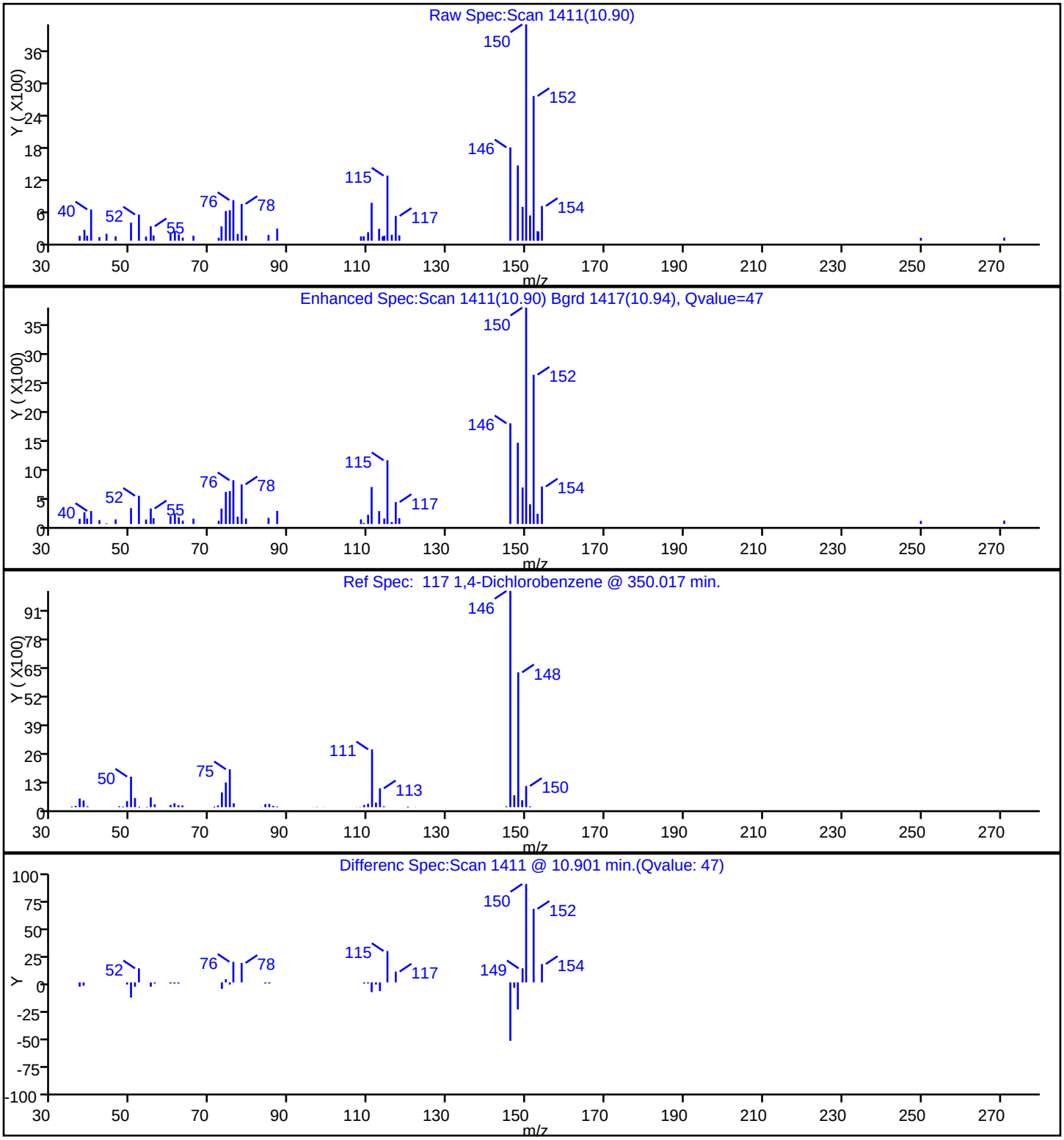
Report Date: 17-Sep-2013 18:01:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77952.D

Injection Date:	17-Sep-2013 11:23:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	16
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



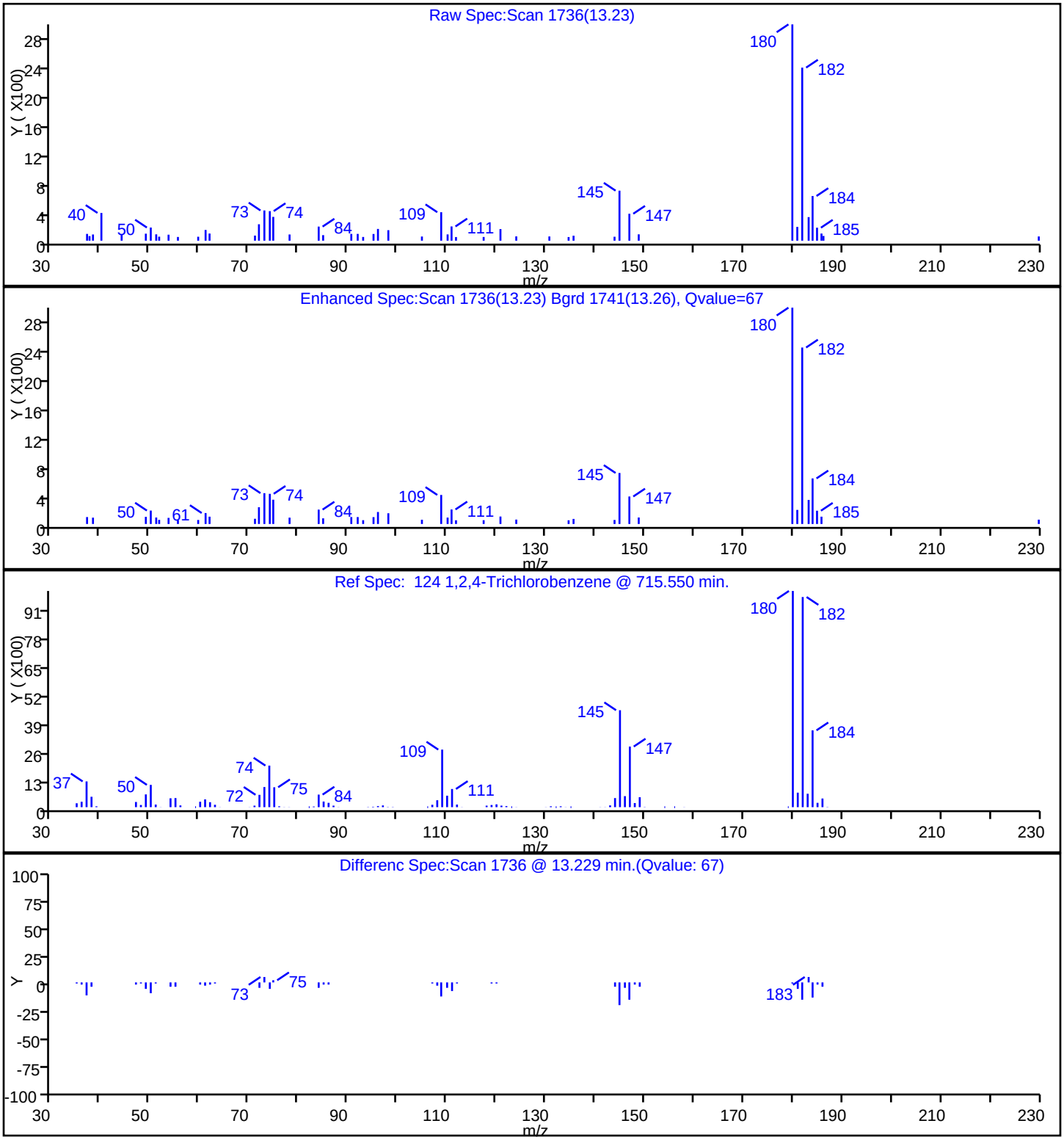
Report Date: 17-Sep-2013 18:01:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77952.D

Injection Date:	17-Sep-2013 11:23:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	16
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene

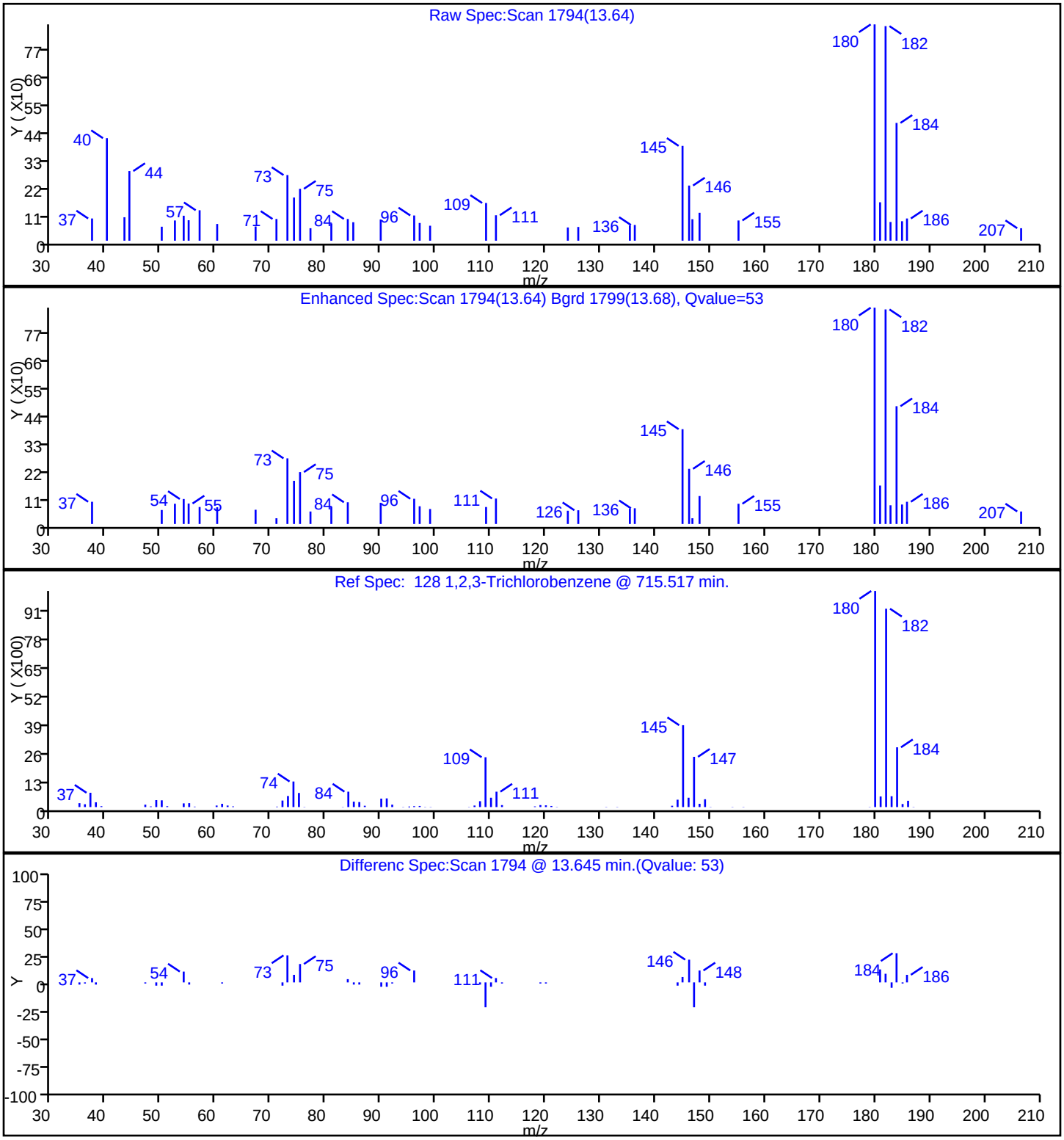


Report Date: 17-Sep-2013 18:01:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77952.D		
Injection Date:	17-Sep-2013 11:23:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	16
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

128 1,2,3-Trichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-WT | Lab Sample ID: 460-62993-31

Matrix: Solid | Lab File ID: O77953.D

Analysis Method: 8260B | Date Collected: 09/13/2013 11:50

Sample wt/vol: 5.945(g) | Date Analyzed: 09/17/2013 11:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.5 | Level: (low/med) Low

Analysis Batch No.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	0.97	0.16
74-83-9	Bromomethane	0.42	U	0.97	0.42
75-01-4	Vinyl chloride	0.33	U	0.97	0.33
75-00-3	Chloroethane	0.32	U	0.97	0.32
75-09-2	Methylene Chloride	0.15	U	0.97	0.15
67-64-1	Acetone	1.6	U	4.9	1.6
75-15-0	Carbon disulfide	0.15	U	0.97	0.15
75-69-4	Trichlorofluoromethane	0.16	U	0.97	0.16
75-35-4	1,1-Dichloroethene	0.18	U	0.97	0.18
75-34-3	1,1-Dichloroethane	0.11	U	0.97	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	0.97	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	0.97	0.11
67-66-3	Chloroform	13		0.97	0.23
78-93-3	2-Butanone	0.61	U	4.9	0.61
107-06-2	1,2-Dichloroethane	0.18	U	0.97	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	0.97	0.13
56-23-5	Carbon tetrachloride	0.15	U	0.97	0.15
71-43-2	Benzene	0.15	U	0.97	0.15
75-25-2	Bromoform	0.17	U	0.97	0.17
100-42-5	Styrene	0.27	U	0.97	0.27
100-41-4	Ethylbenzene	0.17	U	0.97	0.17
108-90-7	Chlorobenzene	0.18	U	0.97	0.18
110-82-7	Cyclohexane	0.13	U	0.97	0.13
98-82-8	Isopropylbenzene	0.11	U	0.97	0.11
591-78-6	2-Hexanone	0.13	U	4.9	0.13
1634-04-4	MTBE	0.11	U	0.97	0.11
76-13-1	Freon TF	0.11	U	0.97	0.11
79-20-9	Methyl acetate	0.31	U	0.97	0.31
123-91-1	1,4-Dioxane	12	U	19	12
79-01-6	Trichloroethene	0.12	U	0.97	0.12
108-88-3	Toluene	0.14	U	0.97	0.14
10061-02-6	trans-1,3-Dichloropropene	0.097	U	0.97	0.097
108-10-1	4-Methyl-2-pentanone	0.19	U	4.9	0.19
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.97	0.14
95-50-1	1,2-Dichlorobenzene	0.097	U	0.97	0.097
541-73-1	1,3-Dichlorobenzene	0.16	U	0.97	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-WT | Lab Sample ID: 460-62993-31

Matrix: Solid | Lab File ID: O77953.D

Analysis Method: 8260B | Date Collected: 09/13/2013 11:50

Sample wt/vol: 5.945(g) | Date Analyzed: 09/17/2013 11:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.5 | Level: (low/med) Low

Analysis Batch No.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.46	J	0.97	0.11
120-82-1	1,2,4-Trichlorobenzene	0.18	U	0.97	0.18
87-61-6	1,2,3-Trichlorobenzene	0.16	U	0.97	0.16
78-87-5	1,2-Dichloropropane	0.15	U	0.97	0.15
108-87-2	Methylcyclohexane	0.097	U	0.97	0.097
127-18-4	Tetrachloroethene	0.12	U	0.97	0.12
1330-20-7	Xylenes, Total	0.65	U	2.9	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	0.43	U *	0.97	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.088	U	0.97	0.088
79-00-5	1,1,2-Trichloroethane	0.14	U	0.97	0.14
124-48-1	Dibromochloromethane	0.097	U	0.97	0.097
106-93-4	1,2-Dibromoethane	0.15	U	0.97	0.15
75-71-8	Dichlorodifluoromethane	0.21	U	0.97	0.21
74-97-5	Bromochloromethane	0.11	U	0.97	0.11
75-27-4	Bromodichloromethane	0.31	U	0.97	0.31

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		70-130
2037-26-5	Toluene-d8 (Surr)	108		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-WT Lab Sample ID: 460-62993-31

Matrix: Solid Lab File ID: O77953.D

Analysis Method: 8260B Date Collected: 09/13/2013 11:50

Sample wt/vol: 5.945(g) Date Analyzed: 09/17/2013 11:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.5 Level: (low/med) Low

Analysis Batch No.: 181663 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77953.D		
Lims ID:	460-62993-A-31-A	Client ID:	PMP-15SE-WT
Inject. Date:	17-Sep-2013 11:48:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-31-A		
Misc. Info.:	460-0004695-017		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	16
Lims Batch ID:	181663	Lims Sample ID:	17
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\8260S_12.m		
Last Update:	20-Sep-2013 11:06:20	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK019		
First Level Reviewer: tupayachia		Date:	20-Sep-2013 11:06:20

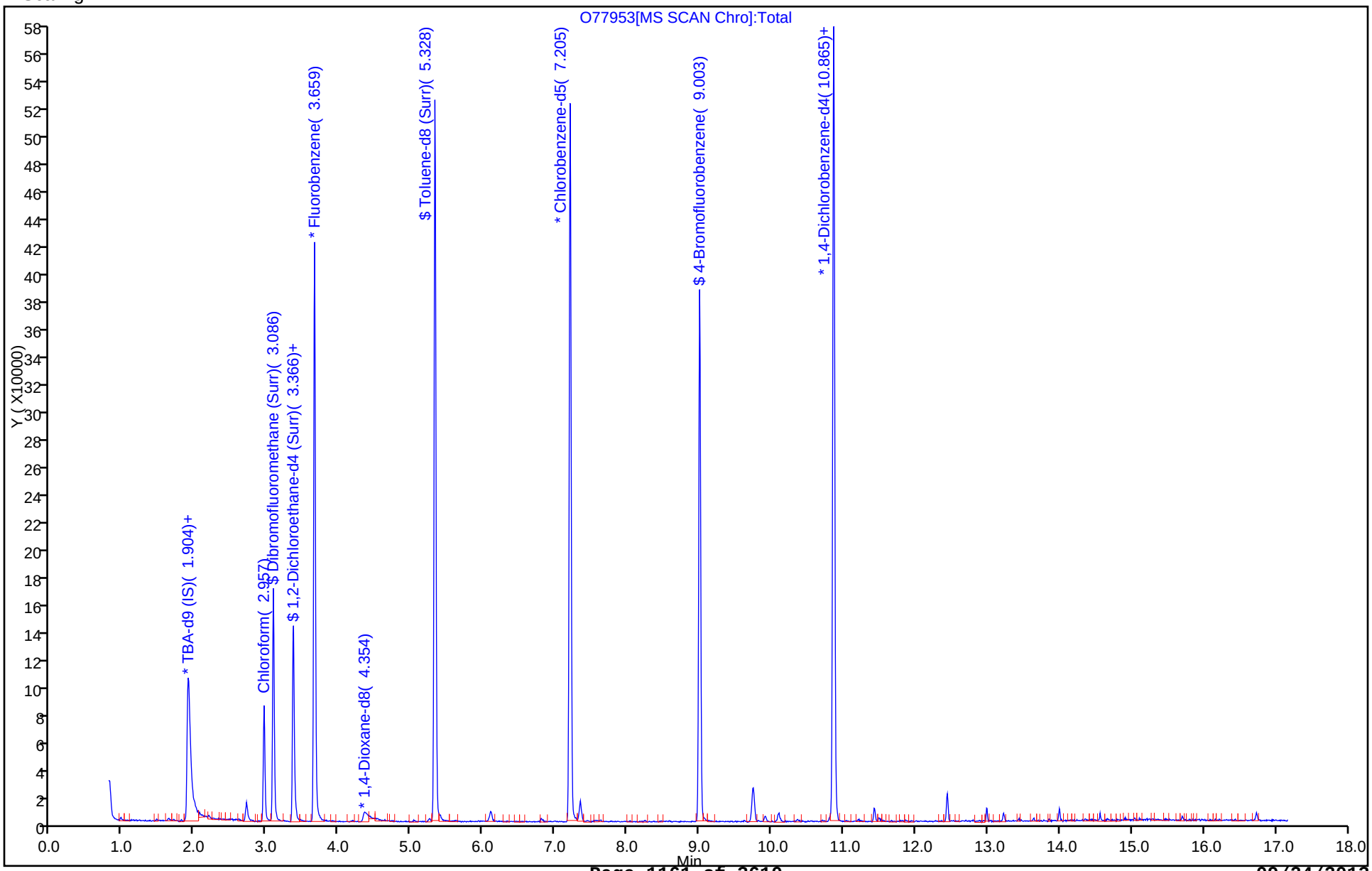
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	1.904	1.911	-0.007	95	268985	1000.0	
47 Chloroform	83	2.957	2.957	0.0	94	58003	13.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	96	87452	50.7	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.366	3.366	0.0	88	90177	59.3	
* 59 Fluorobenzene	96	3.659	3.659	0.0	99	373564	50.0	
* 150 1,4-Dioxane-d8	96	4.354	4.347	0.007	88	22812	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	390009	54.1	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	360351	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	93	139899	49.6	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	208245	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	53	3421	0.4730	

Report Date: 20-Sep-2013 11:06:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77953.D		
Injection Date:	17-Sep-2013 11:48:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	17
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



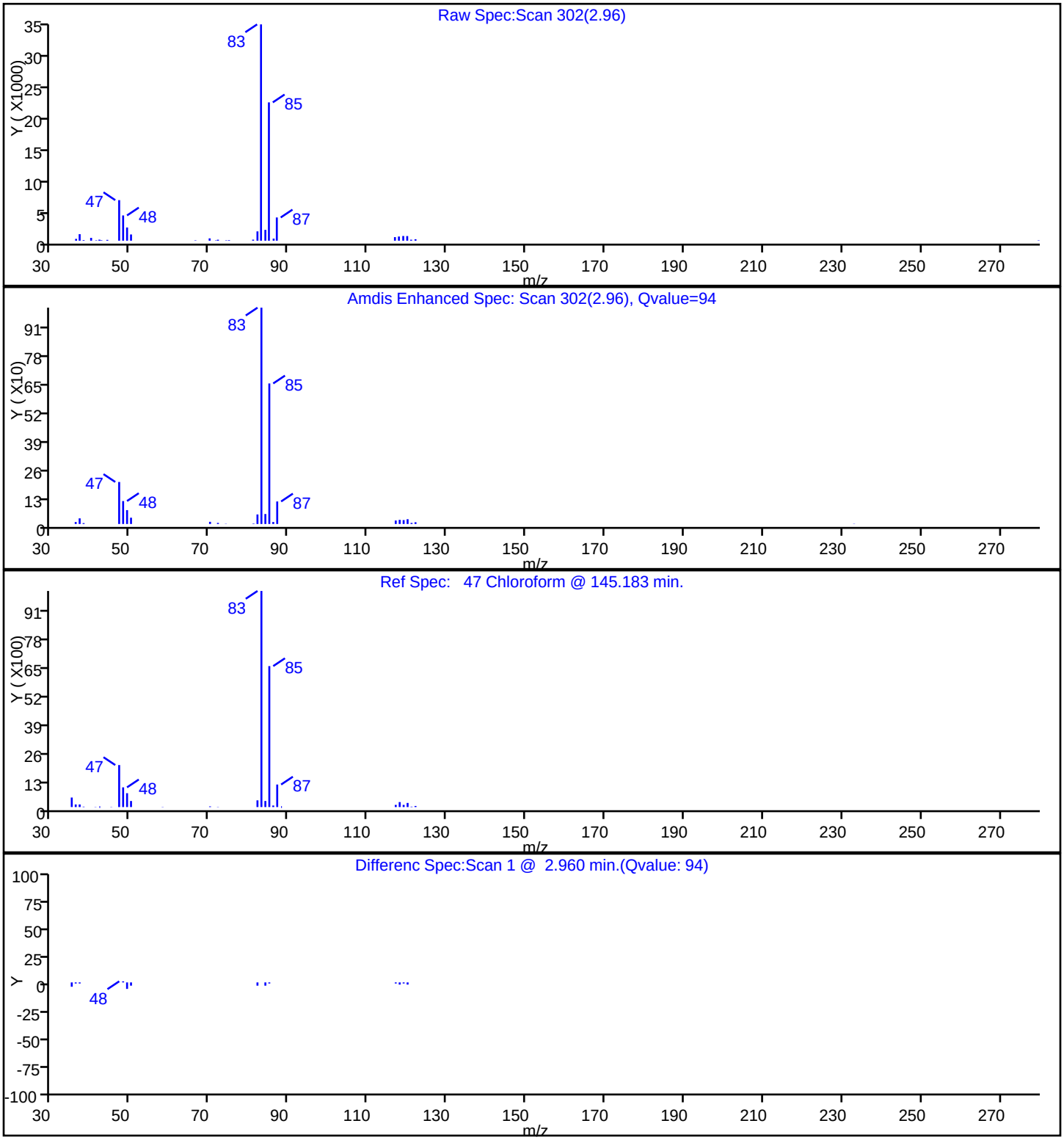
Report Date: 20-Sep-2013 11:06:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77953.D

Injection Date:	17-Sep-2013 11:48:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	17
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



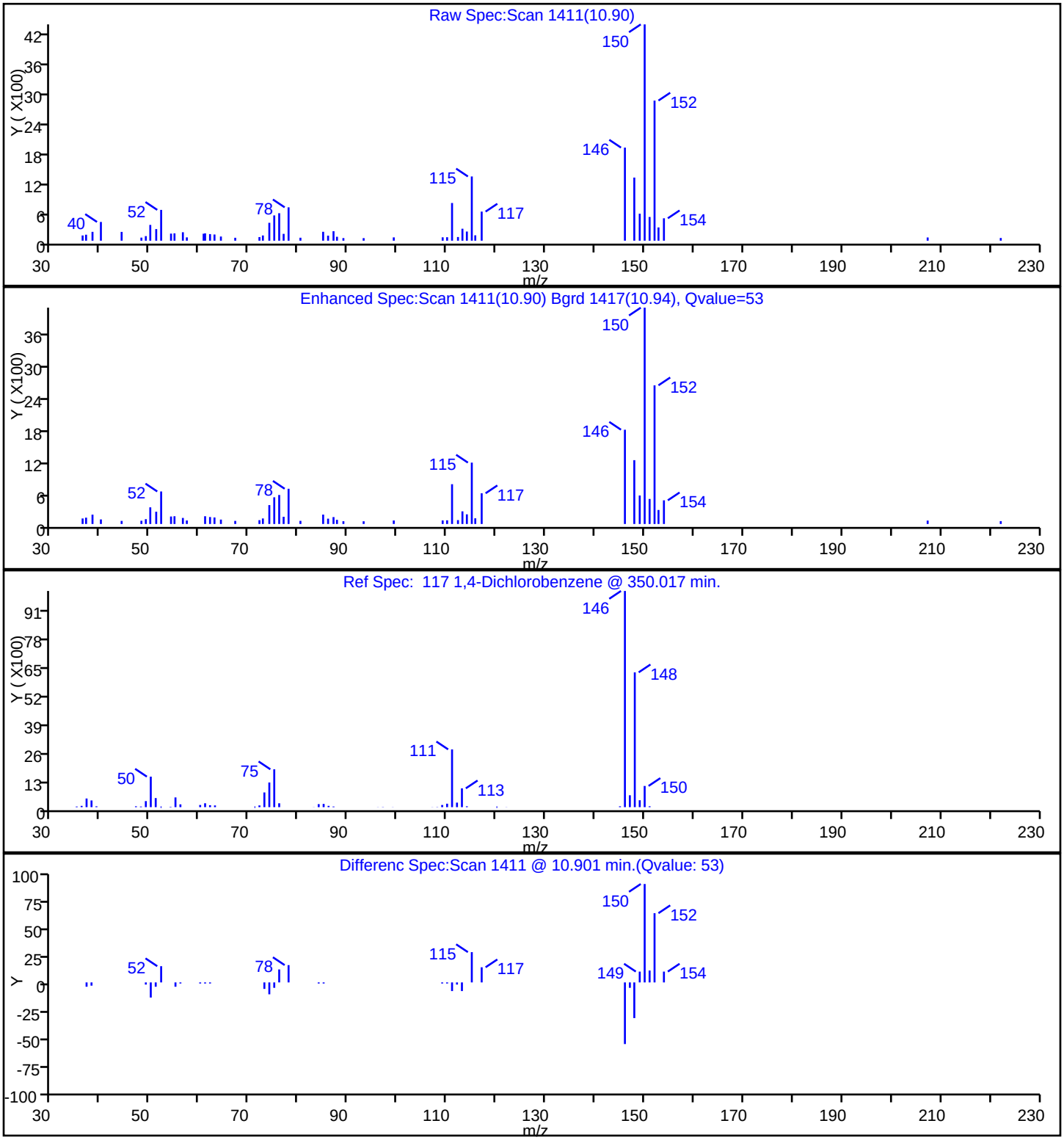
Report Date: 20-Sep-2013 11:06:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77953.D

Injection Date:	17-Sep-2013 11:48:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	17
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SI | Lab Sample ID: 460-62993-32

Matrix: Solid | Lab File ID: O77954.D

Analysis Method: 8260B | Date Collected: 09/13/2013 11:55

Sample wt/vol: 5.237(g) | Date Analyzed: 09/17/2013 12:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.6 | Level: (low/med) Low

Analysis Batch No.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.18	U	1.1	0.18
74-83-9	Bromomethane	0.48	U	1.1	0.48
75-01-4	Vinyl chloride	0.38	U	1.1	0.38
75-00-3	Chloroethane	0.37	U	1.1	0.37
75-09-2	Methylene Chloride	0.17	U	1.1	0.17
67-64-1	Acetone	6.5	B	5.6	1.9
75-15-0	Carbon disulfide	0.17	U	1.1	0.17
75-69-4	Trichlorofluoromethane	0.18	U	1.1	0.18
75-35-4	1,1-Dichloroethene	0.21	U	1.1	0.21
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.1	0.15
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
67-66-3	Chloroform	1.6		1.1	0.27
78-93-3	2-Butanone	0.70	U	5.6	0.70
107-06-2	1,2-Dichloroethane	0.20	U	1.1	0.20
71-55-6	1,1,1-Trichloroethane	0.15	U	1.1	0.15
56-23-5	Carbon tetrachloride	0.17	U	1.1	0.17
71-43-2	Benzene	0.17	U	1.1	0.17
75-25-2	Bromoform	0.19	U	1.1	0.19
100-42-5	Styrene	0.31	U	1.1	0.31
100-41-4	Ethylbenzene	0.19	U	1.1	0.19
108-90-7	Chlorobenzene	0.20	U	1.1	0.20
110-82-7	Cyclohexane	0.15	U	1.1	0.15
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
591-78-6	2-Hexanone	0.15	U	5.6	0.15
1634-04-4	MTBE	0.12	U	1.1	0.12
76-13-1	Freon TF	0.12	U	1.1	0.12
79-20-9	Methyl acetate	0.36	U	1.1	0.36
123-91-1	1,4-Dioxane	14	U	22	14
79-01-6	Trichloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.16	U	1.1	0.16
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
108-10-1	4-Methyl-2-pentanone	0.22	U	5.6	0.22
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.1	0.16
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	0.18	U	1.1	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SI | Lab Sample ID: 460-62993-32

Matrix: Solid | Lab File ID: O77954.D

Analysis Method: 8260B | Date Collected: 09/13/2013 11:55

Sample wt/vol: 5.237(g) | Date Analyzed: 09/17/2013 12:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.6 | Level: (low/med) Low

Analysis Batch No.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.85	J	1.1	0.12
120-82-1	1,2,4-Trichlorobenzene	1.5		1.1	0.21
87-61-6	1,2,3-Trichlorobenzene	1.4		1.1	0.18
78-87-5	1,2-Dichloropropane	0.17	U	1.1	0.17
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
127-18-4	Tetrachloroethene	0.13	U	1.1	0.13
1330-20-7	Xylenes, Total	0.75	U	3.4	0.75
96-12-8	1,2-Dibromo-3-Chloropropane	0.49	U *	1.1	0.49
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	1.1	0.10
79-00-5	1,1,2-Trichloroethane	0.16	U	1.1	0.16
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
106-93-4	1,2-Dibromoethane	0.17	U	1.1	0.17
75-71-8	Dichlorodifluoromethane	0.25	U	1.1	0.25
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.36	U	1.1	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SI Lab Sample ID: 460-62993-32

Matrix: Solid Lab File ID: O77954.D

Analysis Method: 8260B Date Collected: 09/13/2013 11:55

Sample wt/vol: 5.237(g) Date Analyzed: 09/17/2013 12:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.6 Level: (low/med) Low

Analysis Batch No.: 181663 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 211

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	12.21	20	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	12.43	23	J N
97664-19-2	Benzene, 1-methyl-2-(1-methyl-2-propenyl	12.70	19	J N
	Unknown	13.47	23	J
54105-67-8	Heptadecane, 2,6-dimethyl-	13.65	24	J N
629-50-5	Tridecane	13.85	19	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	14.42	19	J N
629-59-4	Tetradecane	14.56	25	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	14.66	18	J N
1076-61-5	Naphthalene, 1,2,3,4-tetrahydro-6,7-dime	14.88	21	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77954.D		
Lims ID:	460-62993-A-32-A	Client ID:	PMP-15SE-SI
Inject. Date:	17-Sep-2013 12:13:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-32-A		
Misc. Info.:	460-0004695-018		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	17
Lims Batch ID:	181663	Lims Sample ID:	18
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\8260S_12.m		
Last Update:	20-Sep-2013 14:18:49	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK016		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 18:03:55

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.625	1.632	-0.007	69	5539	5.84	
* 151 TBA-d9 (IS)	65	1.904	1.911	-0.007	95	243563	1000.0	
47 Chloroform	83	2.957	2.957	0.0	85	6465	1.42	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	97	87514	50.0	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.366	-0.008	87	88462	57.2	
* 59 Fluorobenzene	96	3.659	3.659	0.0	100	379739	50.0	
* 150 1,4-Dioxane-d8	96	4.347	4.347	0.0	82	21005	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	386875	53.1	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	364247	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	93	141553	49.6	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	209439	50.0	
117 1,4-Dichlorobenzene	146	10.894	10.901	-0.007	24	5510	0.7575	
124 1,2,4-Trichlorobenzene	180	13.229	13.229	0.0	66	7856	1.37	
128 1,2,3-Trichlorobenzene	180	13.645	13.645	0.0	4	6253	1.24	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77954.D		
Lims ID:	460-62993-A-32-A	Client ID:	PMP-15SE-SI
Inject. Date:	17-Sep-2013 12:13:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-32-A		
Misc. Info.:	460-0004695-018		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	17
Lims Batch ID:	181663	Lims Sample ID:	18
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\8260S_12.m		
Last Update:	20-Sep-2013 14:18:49	Calib Date:	06-Aug-2013 22:09:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	40		
Process Host:	XAWRK016		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 18:03:55

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-				
12.205	341839	17.5	87	81	21844	
	2958-76-1	Naphthalene, decahydro-2-methyl-				
12.434	407853	20.9	87	90	24328	
	97664-19-2	Benzene, 1-methyl-2-(1-methyl-2-propenyl				
12.699	331216	17.0	87	90	20774	
		Unknown				
13.465	395206	20.3	87	0	0	
	54105-67-8	Heptadecane, 2,6-dimethyl-				
13.645	422648	21.7	87	72	99490	
	629-50-5	Tridecane				
13.852	328286	16.8	87	95	45543	
	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-				
14.418	328553	16.9	87	86	107670	
	629-59-4	Tetradecane				
14.561	435242	22.3	87	98	55010	
	80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal				
14.662	309966	15.9	87	98	61716	
	1076-61-5	Naphthalene, 1,2,3,4-tetrahydro-6,7-dime				
14.884	359901	18.5	87	93	29466	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 87 Chlorobenzene-d5	7.205	974596	50.0

QC Flag Legend

Processing Flags

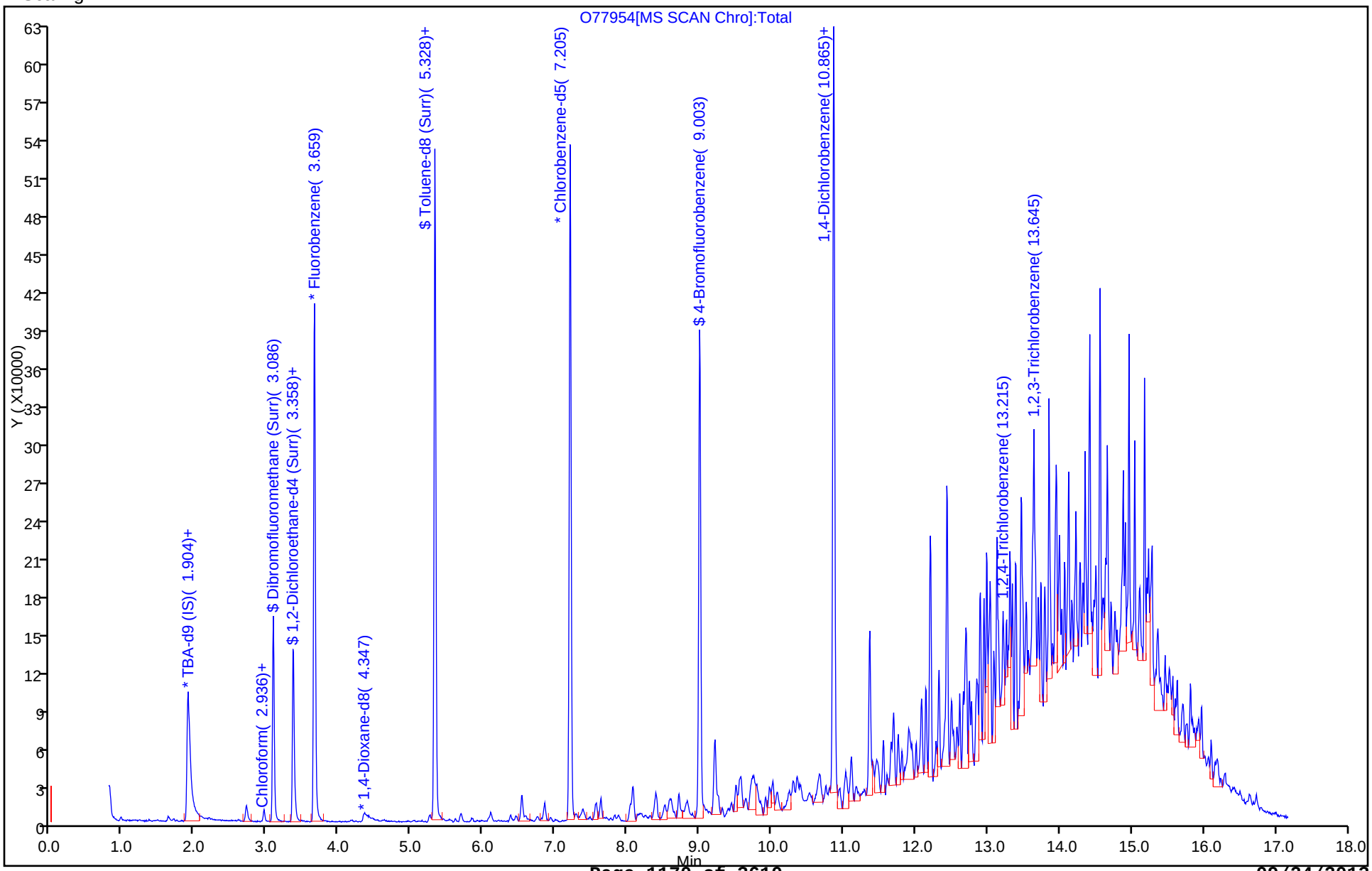
Report Date: 20-Sep-2013 14:21:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77954.D

Injection Date:	17-Sep-2013 12:13:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SI	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	18
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



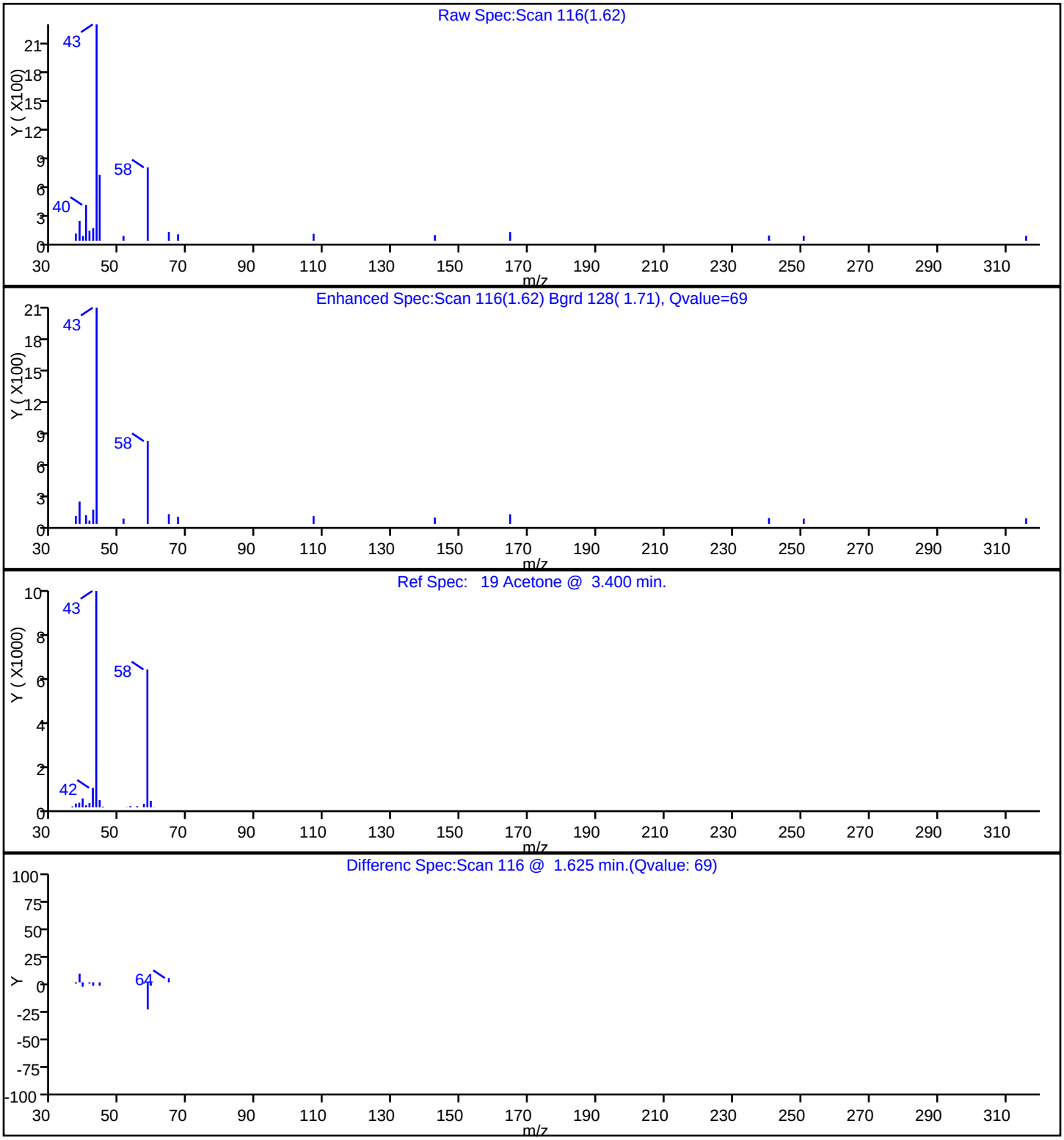
Report Date: 20-Sep-2013 14:21:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77954.D

Injection Date:	17-Sep-2013 12:13:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SI	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	18
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



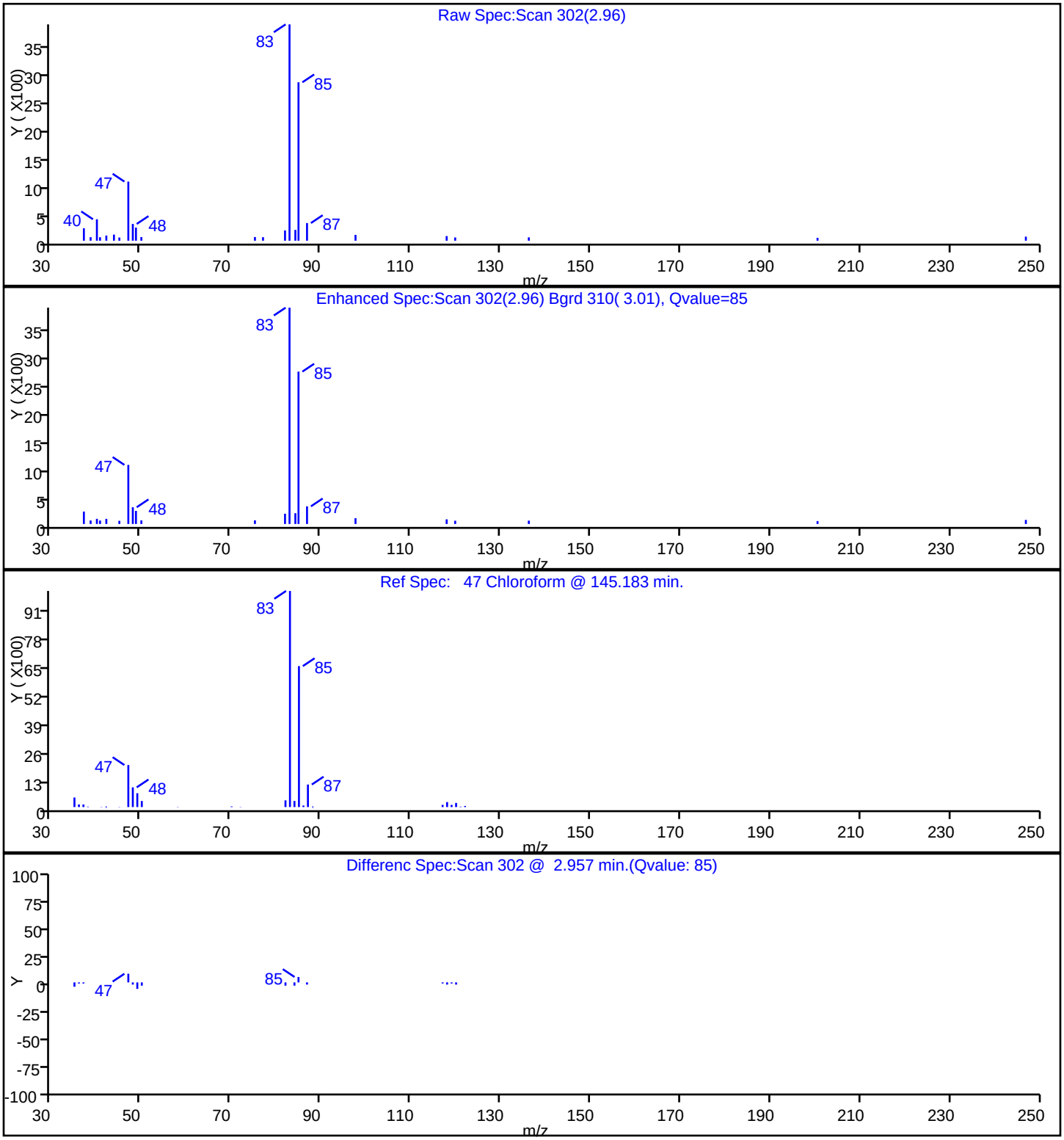
Report Date: 20-Sep-2013 14:21:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77954.D

Injection Date:	17-Sep-2013 12:13:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SI	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	18
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



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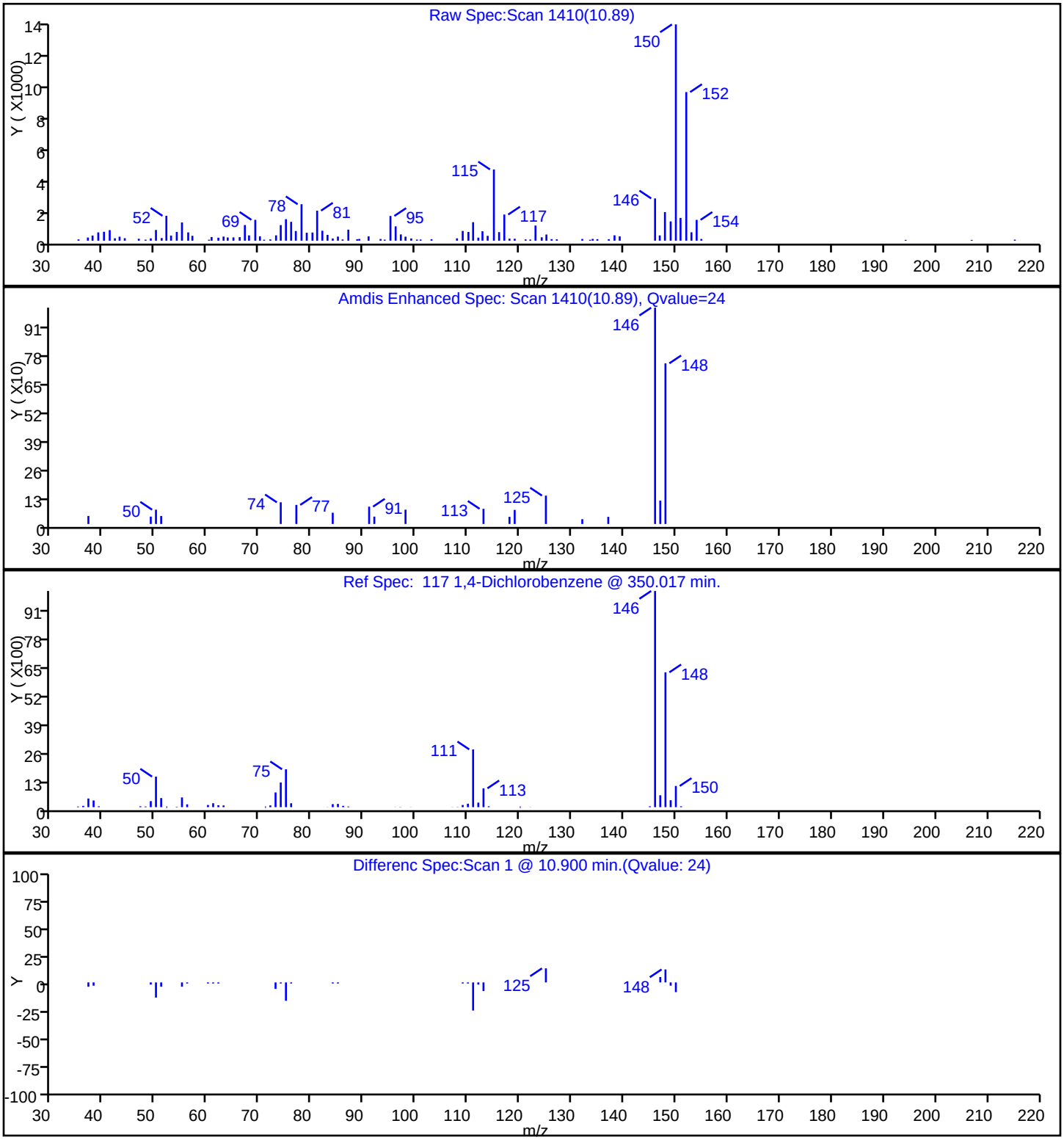
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77954.D

Injection Date:	17-Sep-2013 12:13:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SI	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	18
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



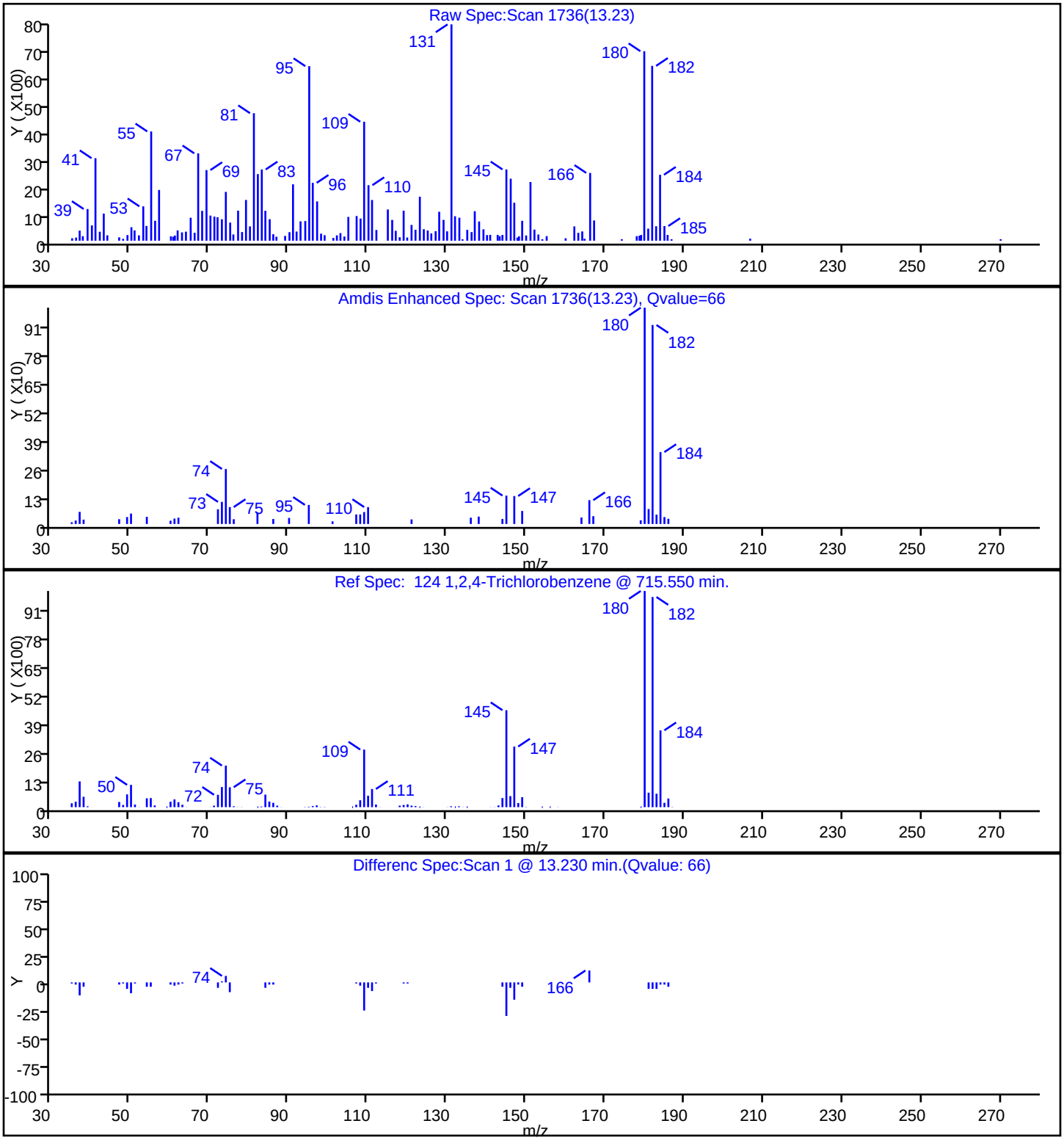
Report Date: 20-Sep-2013 14:21:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77954.D

Injection Date:	17-Sep-2013 12:13:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SI	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	18
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



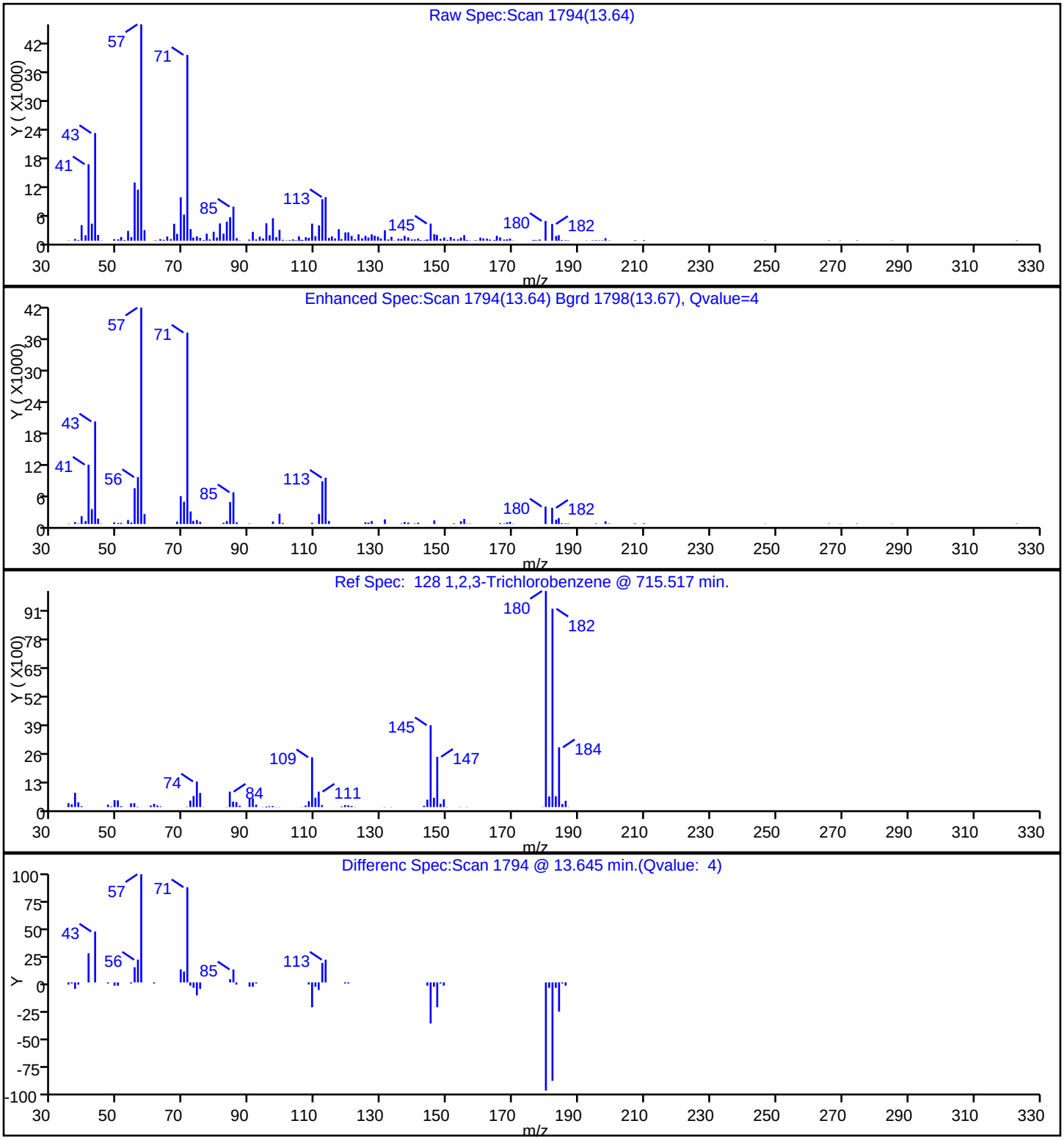
Report Date: 20-Sep-2013 14:21:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77954.D

Injection Date:	17-Sep-2013 12:13:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SI	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	18
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

128 1,2,3-Trichlorobenzene

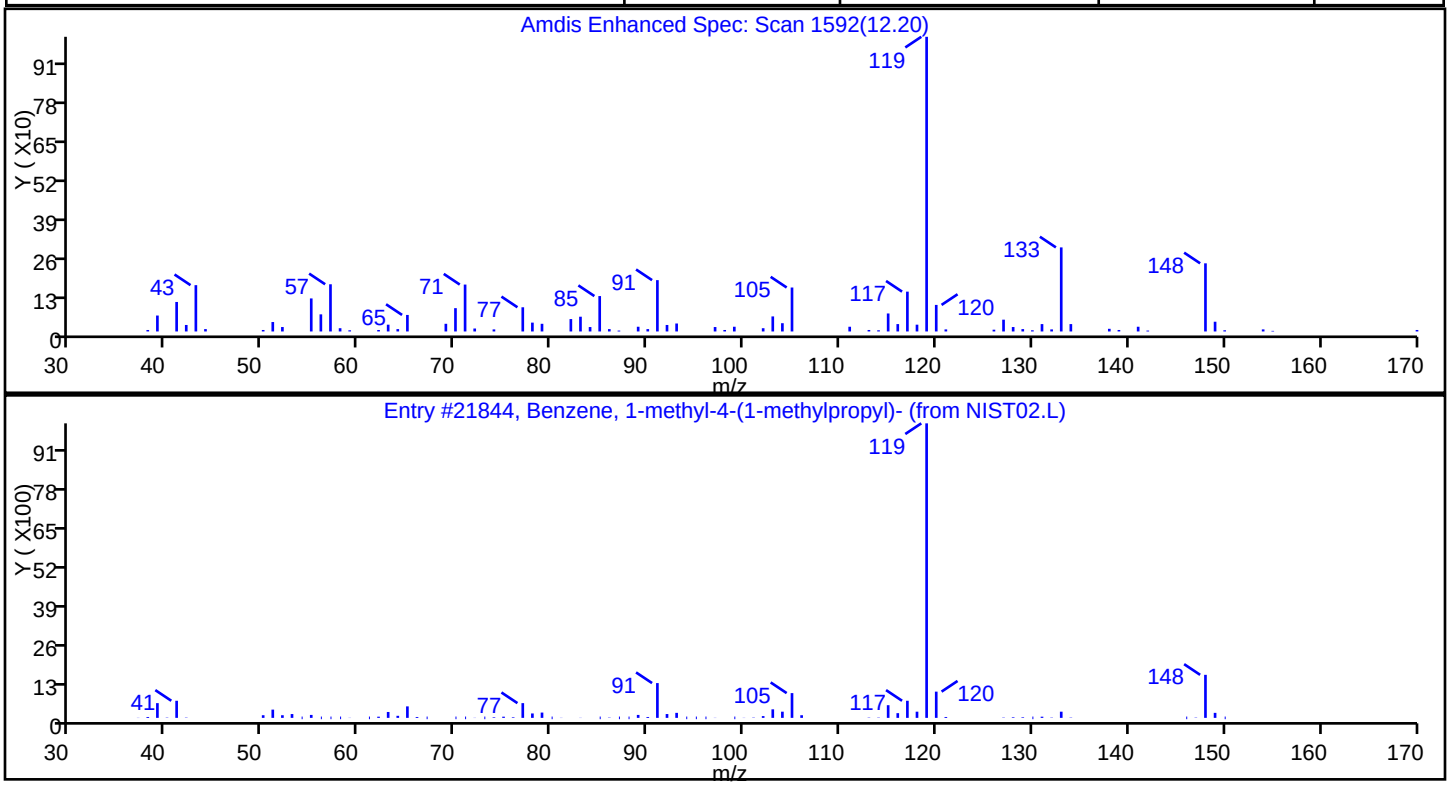


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77954.D

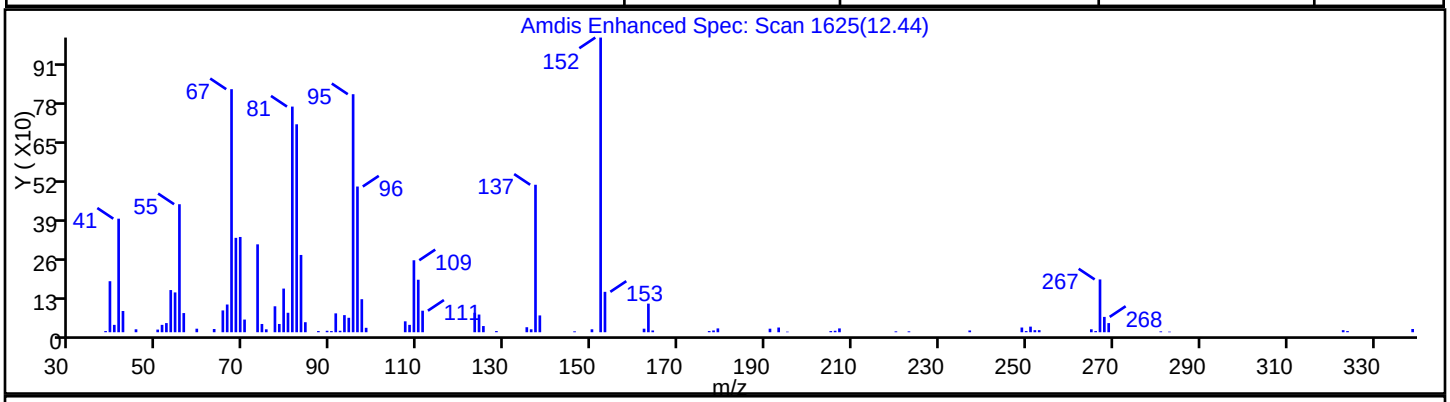
Injection Date:	17-Sep-2013 12:13:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SI	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	18
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

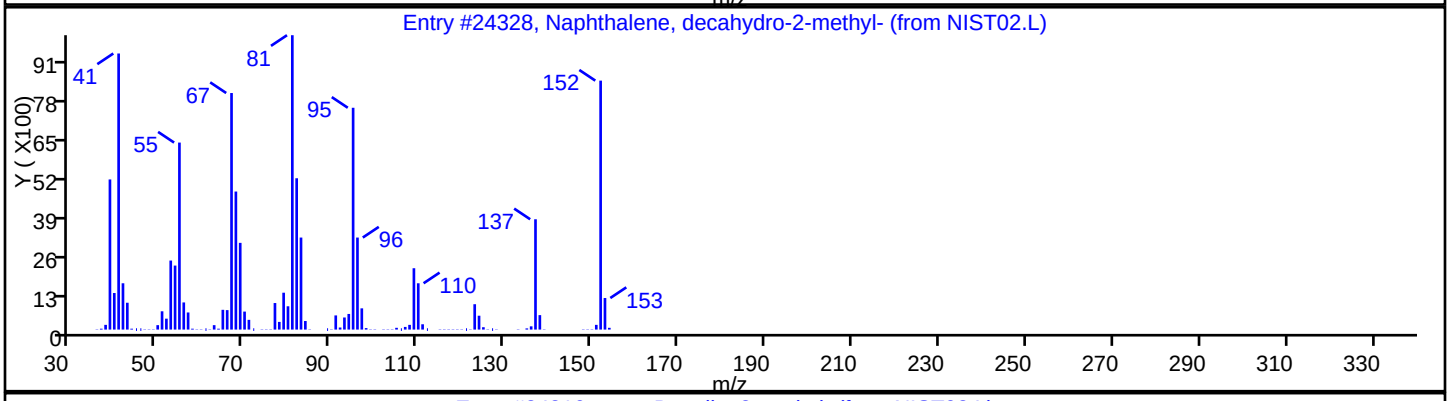
Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	81

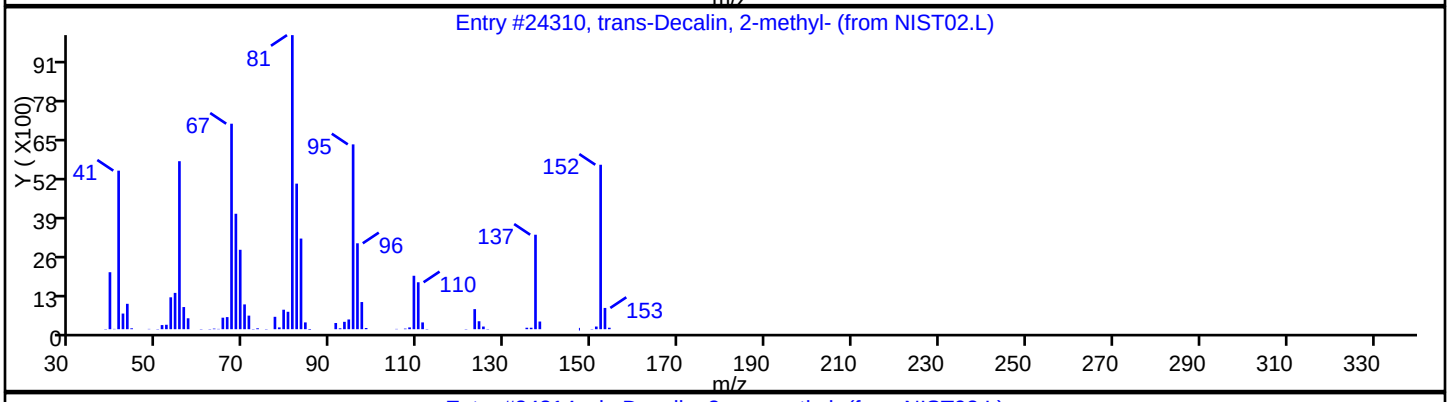


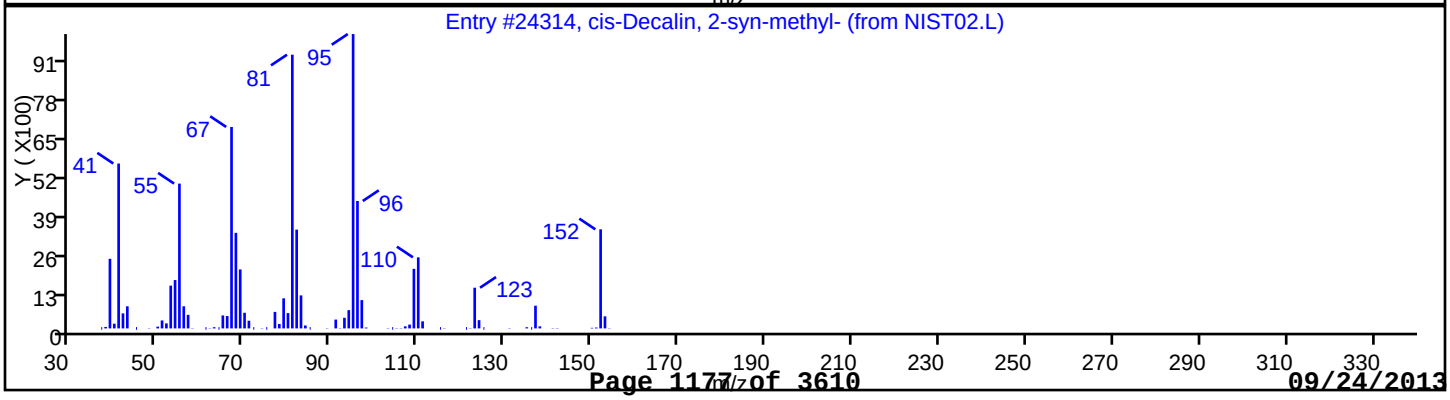
Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77954.D
Injection Date: 17-Sep-2013 12:13:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-15SE-SI Instrument ID: CVOAMS12
Lims Batch ID: 181663 Lims Sample ID: 18
Operator ID: VOA GC/MS12 Purge Vol: 5.000 mL
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	90
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	89
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.L	24314	81









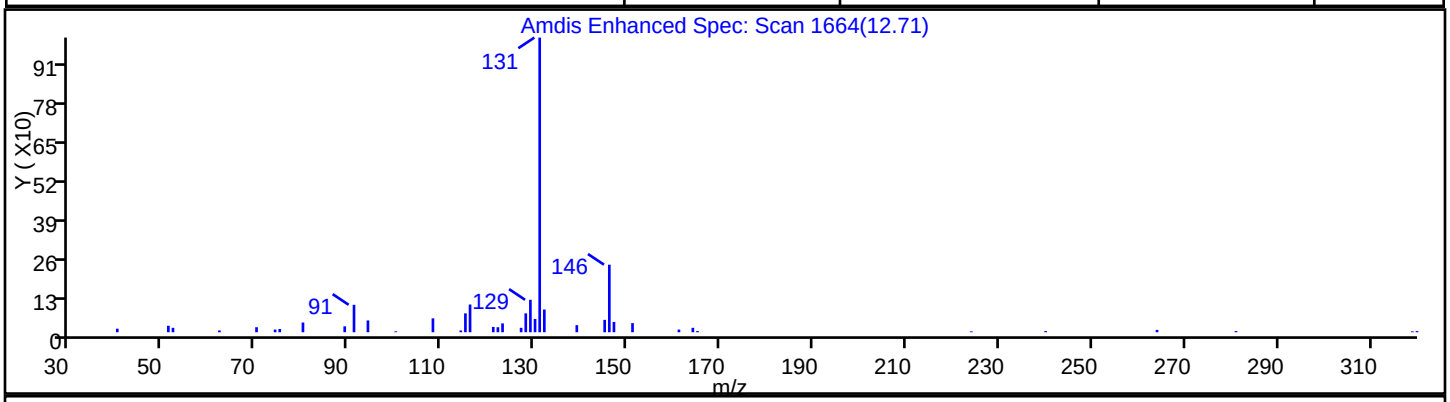
Report Date: 20-Sep-2013 14:21:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

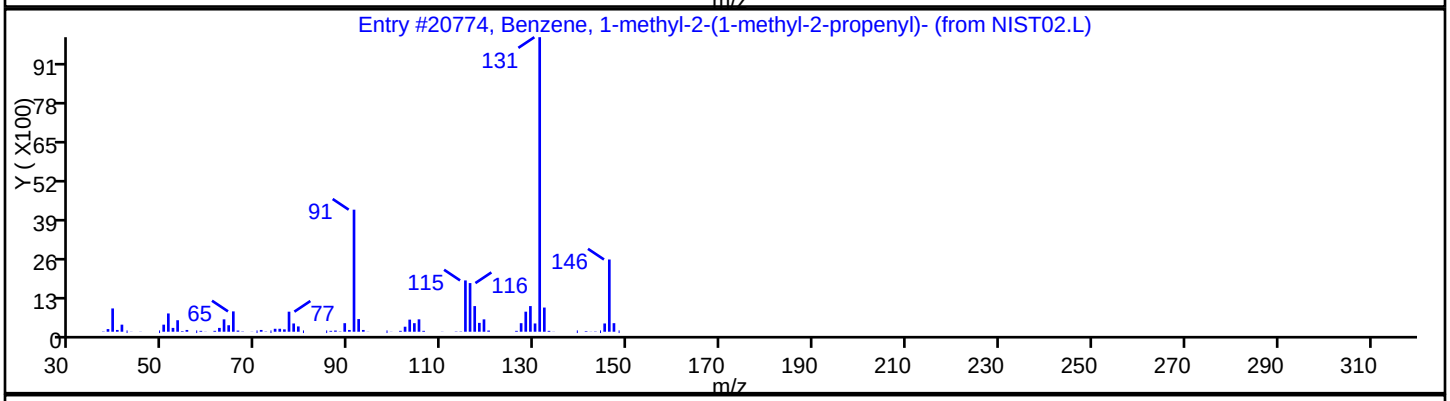
TestAmerica Edison

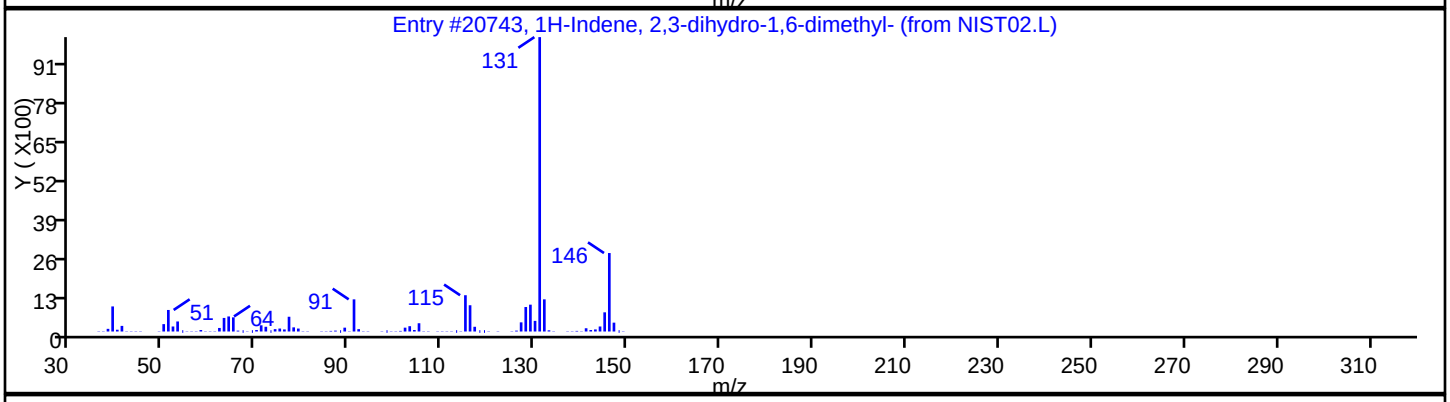
Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77954.D

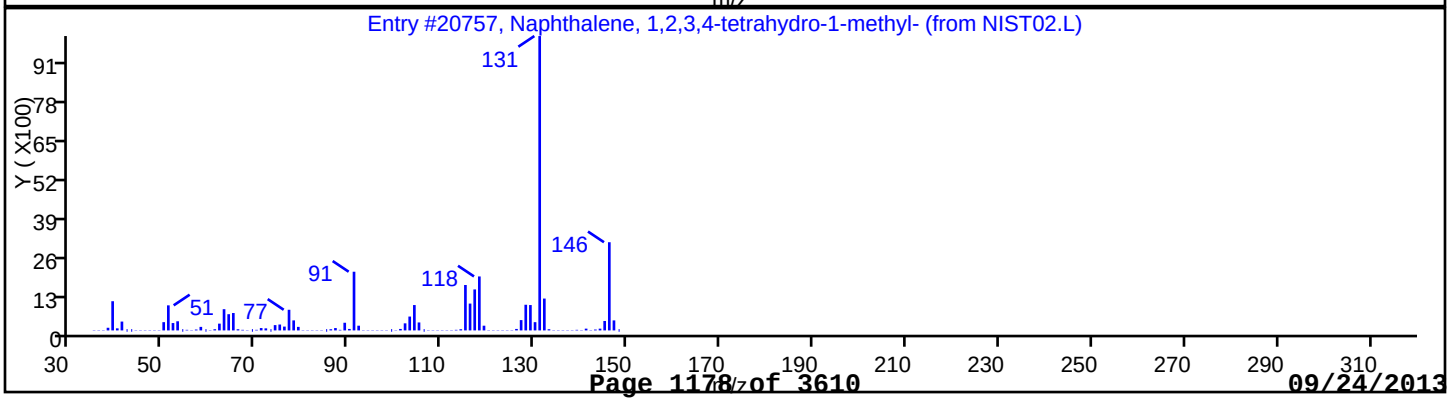
Injection Date:	17-Sep-2013 12:13:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SI	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	18
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-2-(1-methyl-2-propenyl	97664-19-2	NIST02.L	20774	90
1H-Indene, 2,3-dihydro-1,6-dimethyl-	17059-48-2	NIST02.L	20743	87
Naphthalene, 1,2,3,4-tetrahydro-1-methyl	1559-81-5	NIST02.L	20757	86









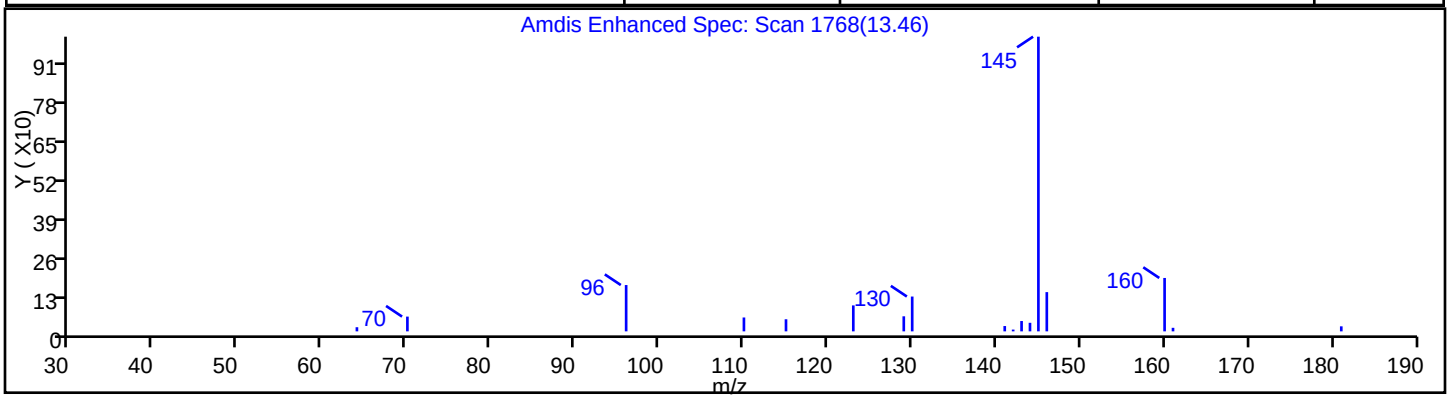
Report Date: 20-Sep-2013 14:21:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

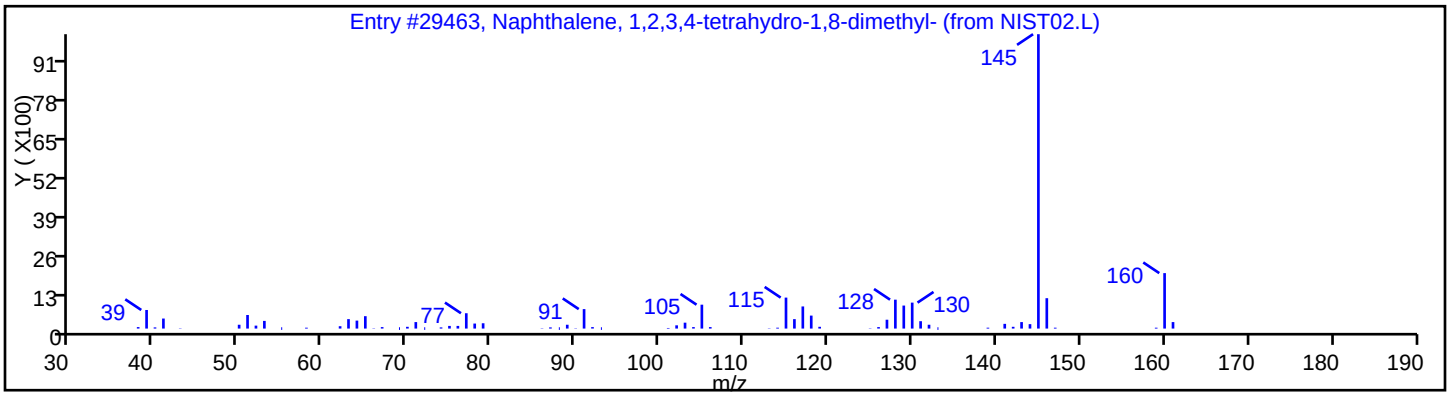
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77954.D

Injection Date:	17-Sep-2013 12:13:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SI	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	18
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown		NIST02.L	0	0
Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	25419-33-4	NIST02.L	29463	72



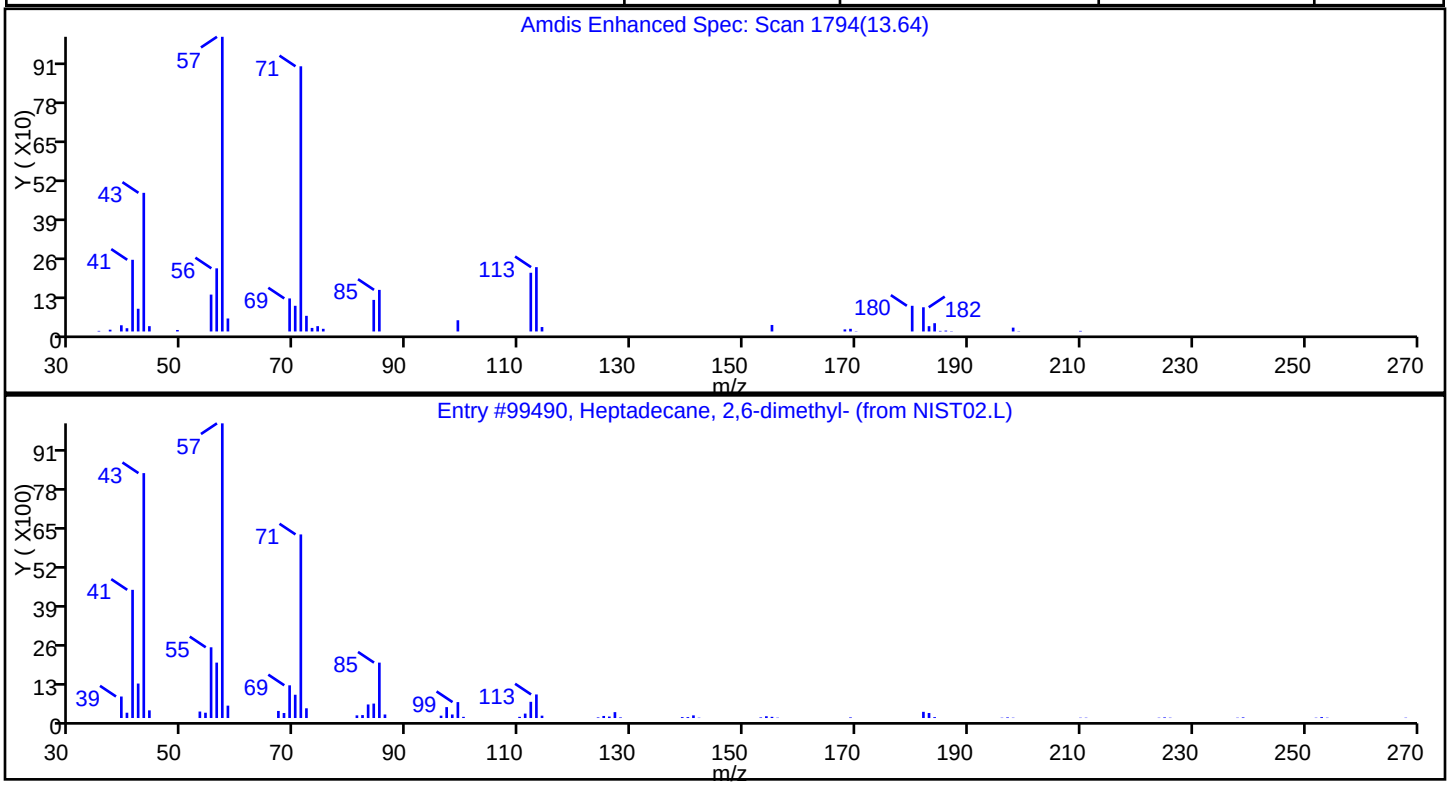


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77954.D

Injection Date:	17-Sep-2013 12:13:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SI	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	18
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	72

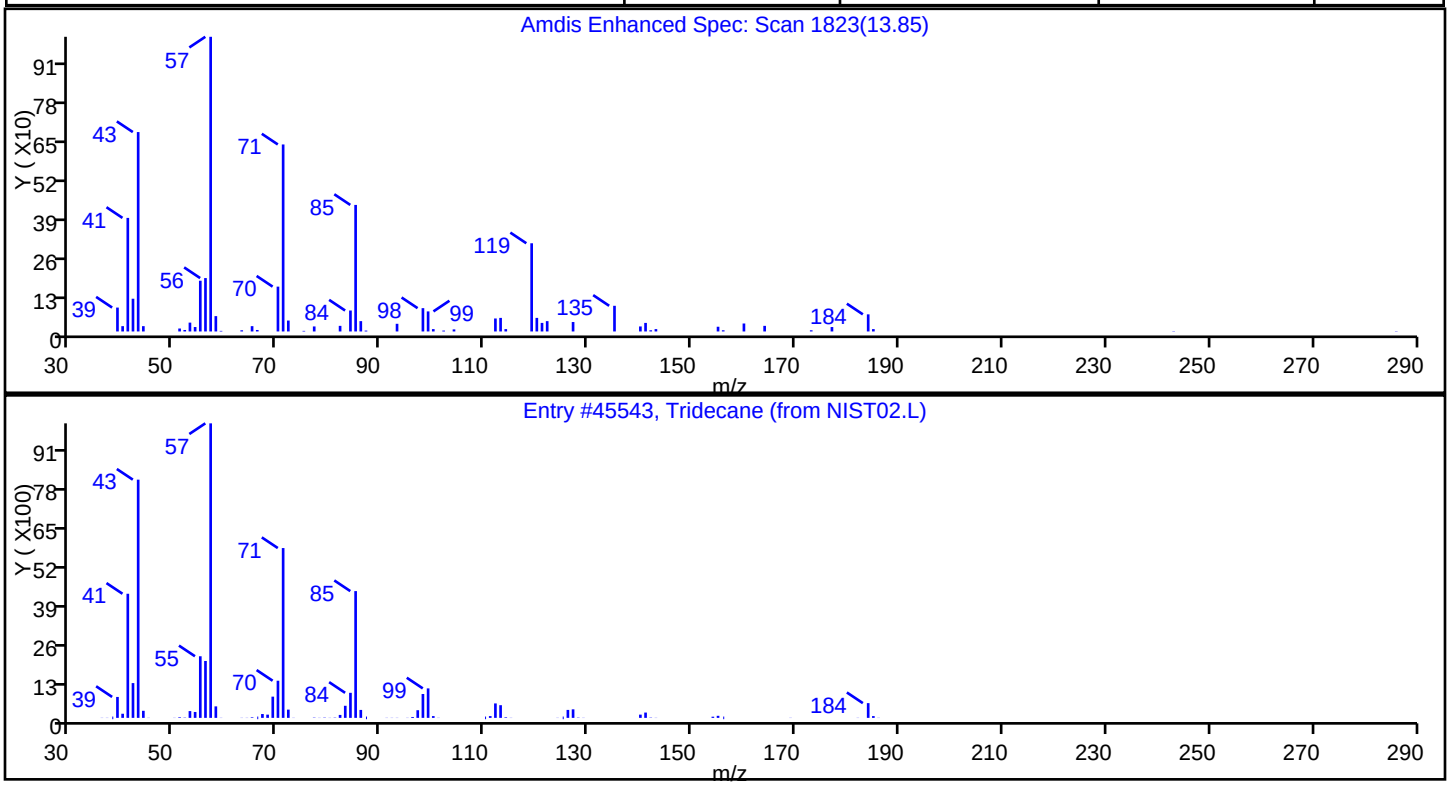


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77954.D

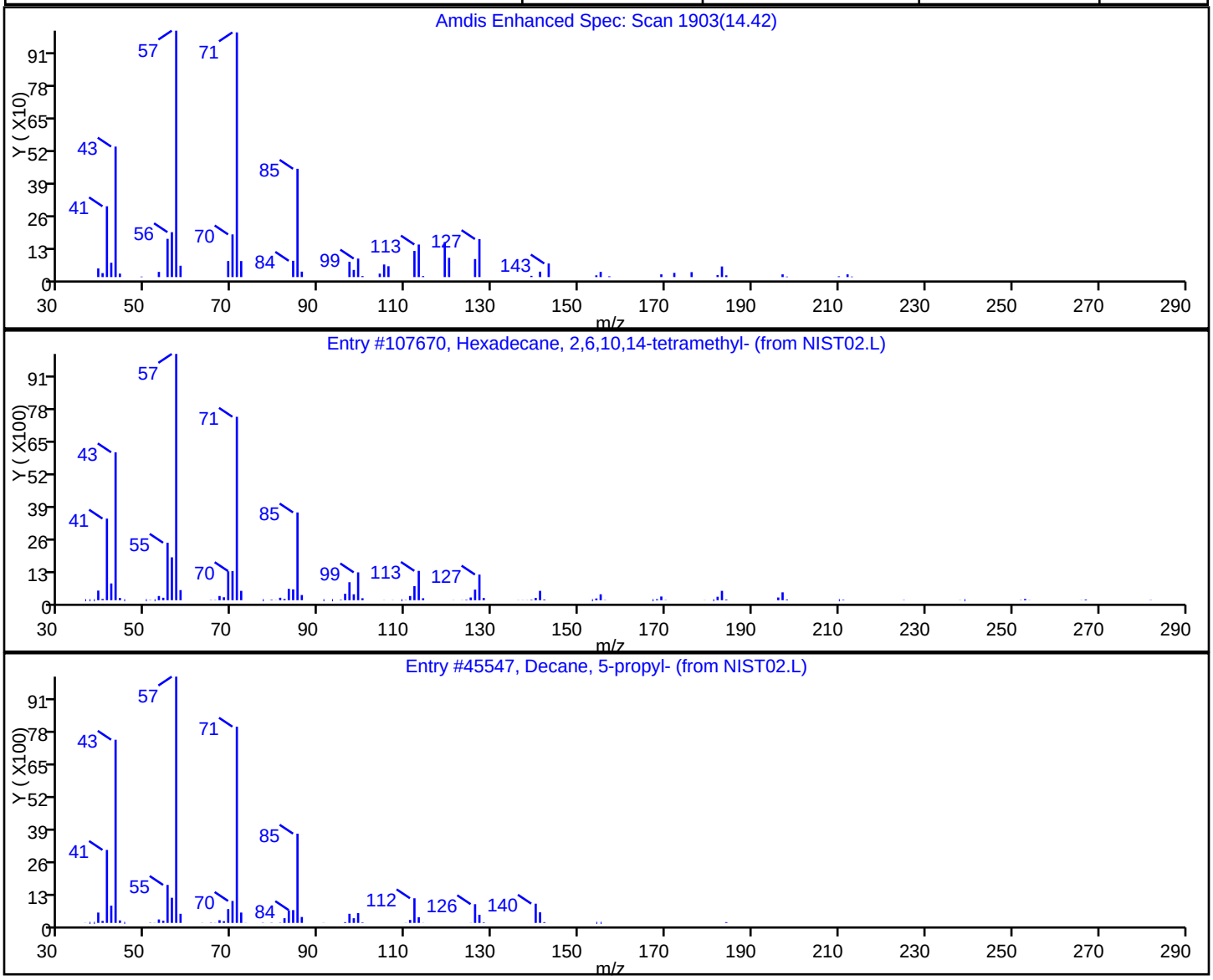
Injection Date:	17-Sep-2013 12:13:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SI	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	18
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tridecane	629-50-5	NIST02.L	45543	95



Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77954.D
Injection Date: 17-Sep-2013 12:13:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-15SE-SI Instrument ID: CVOAMS12
Lims Batch ID: 181663 Lims Sample ID: 18
Operator ID: VOA GC/MS12 Purge Vol: 5.000 mL
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	86
Decane, 5-propyl-	17312-62-8	NIST02.L	45547	81



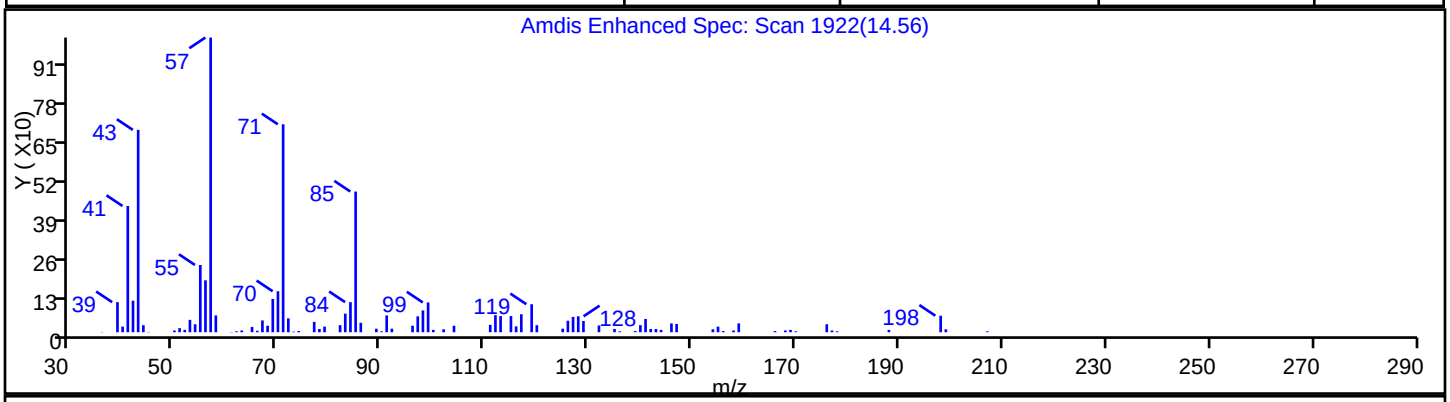
Report Date: 20-Sep-2013 14:21:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

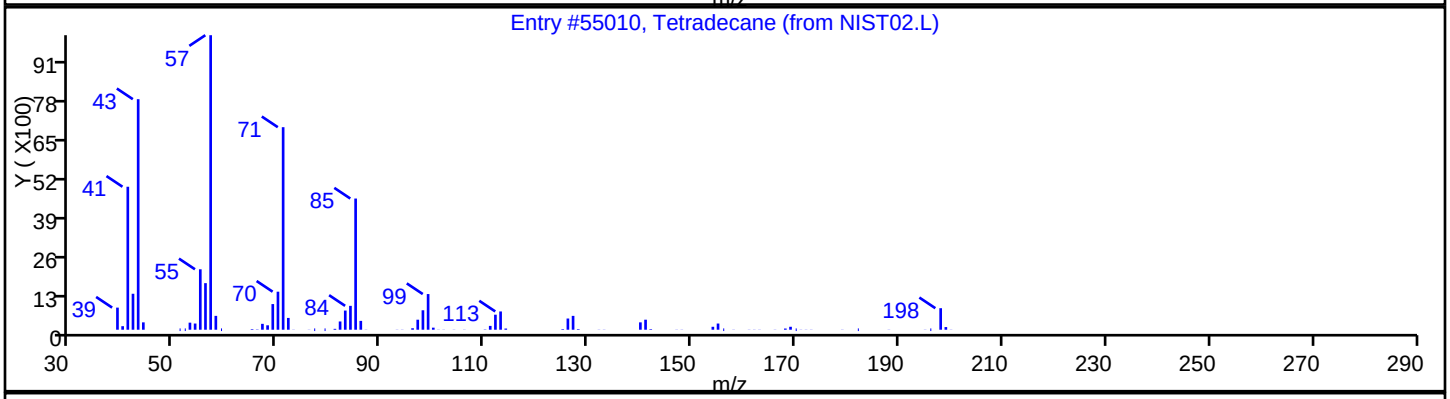
TestAmerica Edison

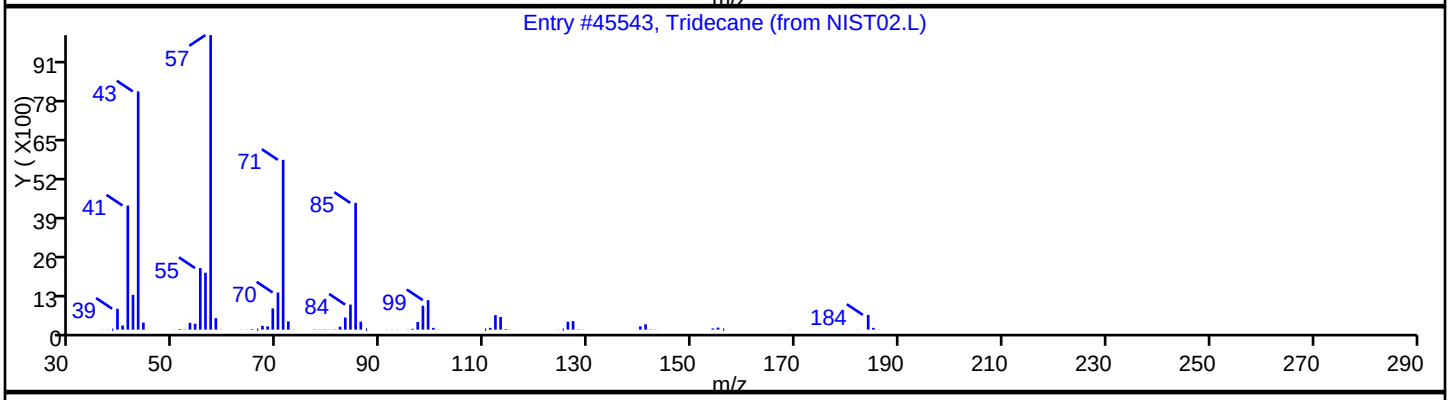
Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77954.D

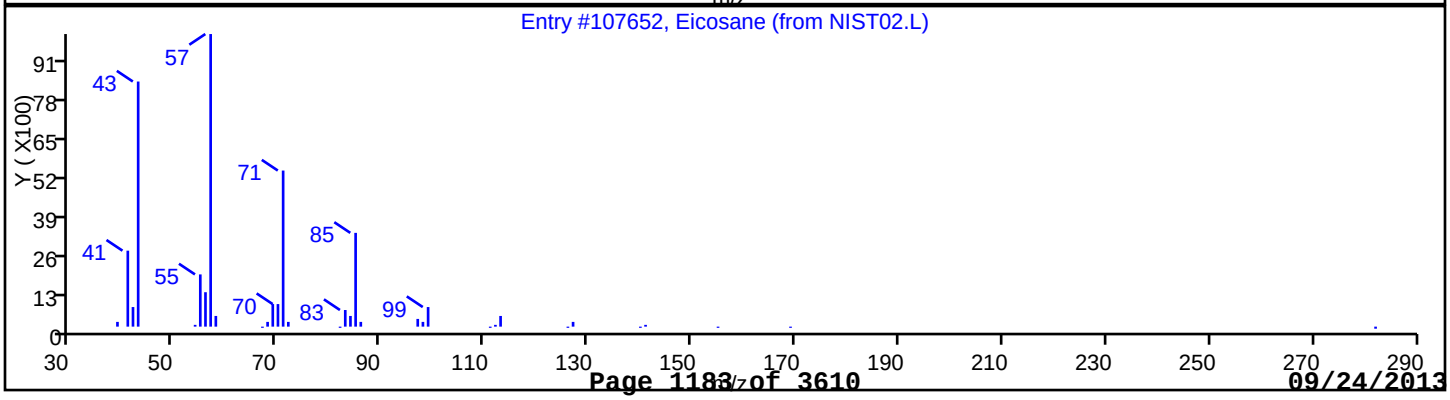
Injection Date:	17-Sep-2013 12:13:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SI	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	18
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tetradecane	629-59-4	NIST02.L	55010	98
Tridecane	629-50-5	NIST02.L	45543	74
Eicosane	112-95-8	NIST02.L	107652	72







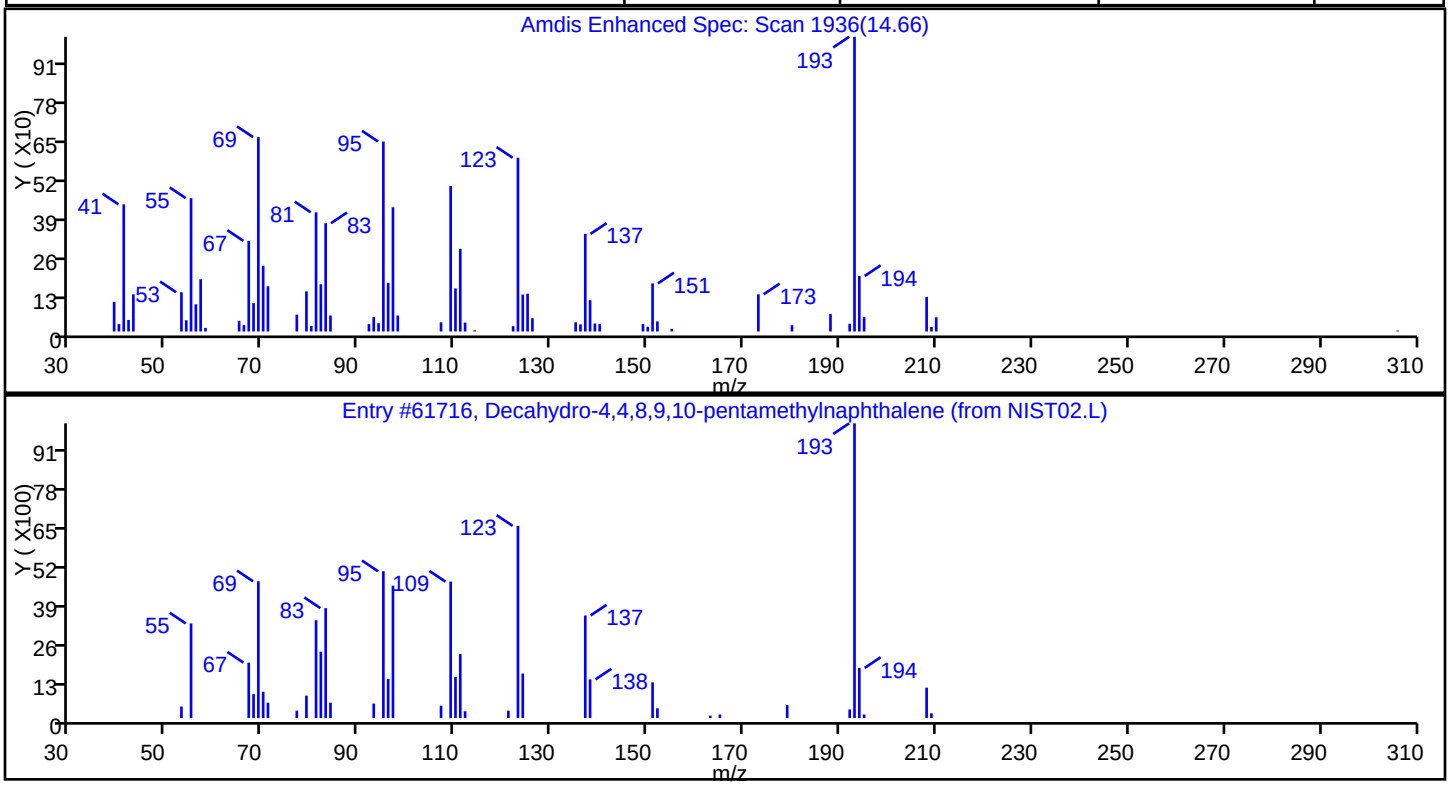


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77954.D

Injection Date:	17-Sep-2013 12:13:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SI	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	18
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	98



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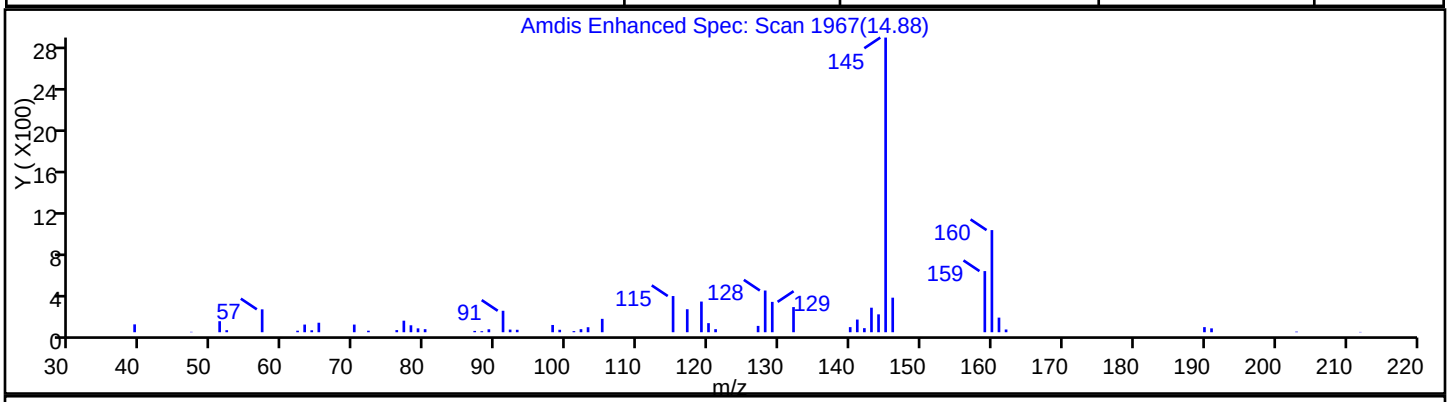
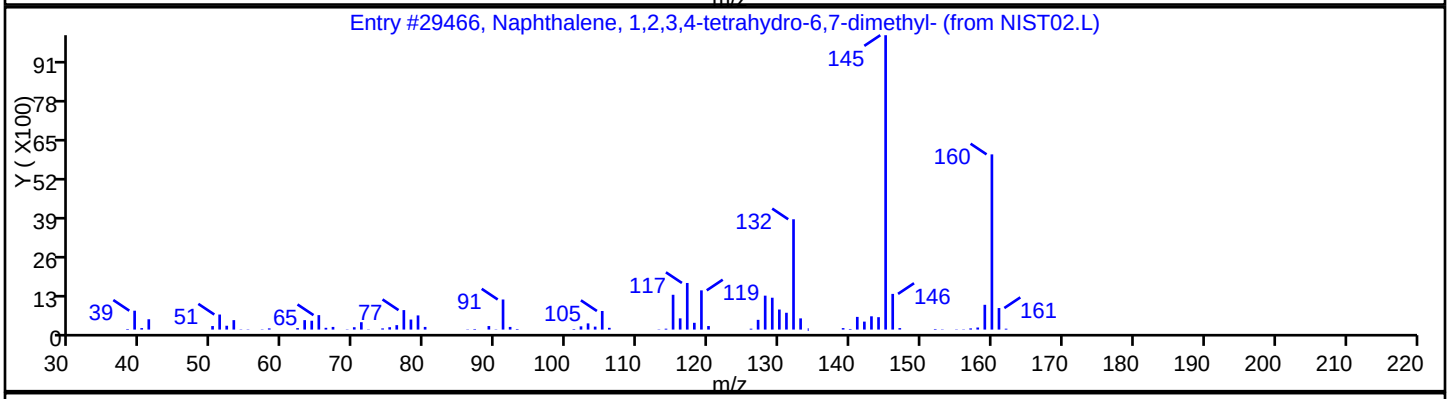
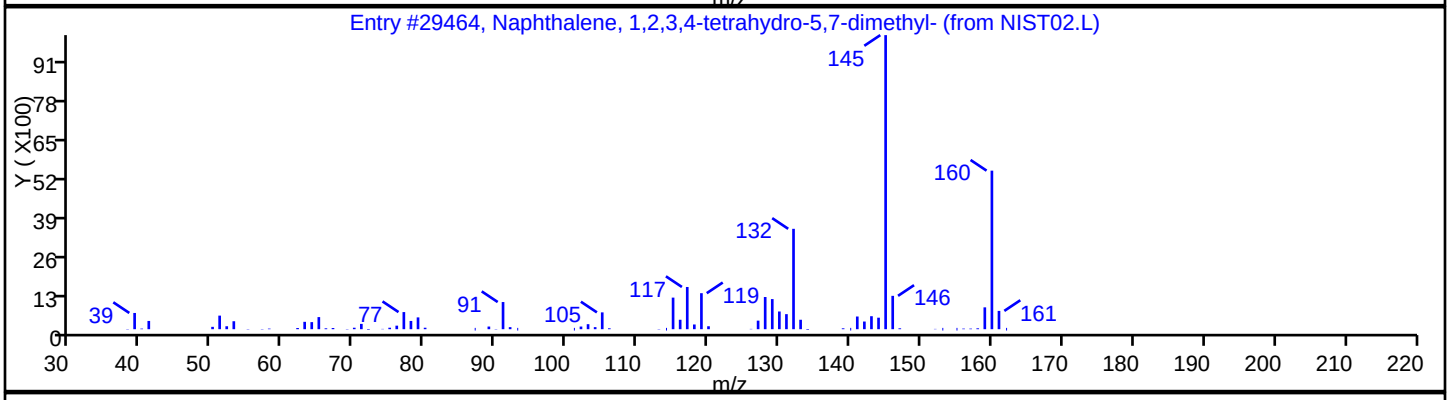
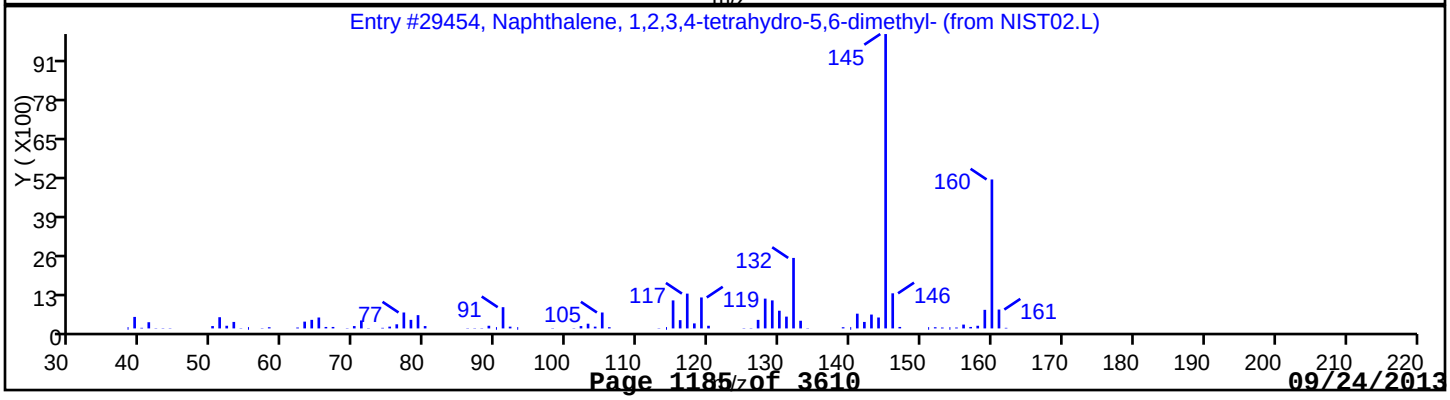
Injection Date:	17-Sep-2013 12:13:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SI	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	18
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 1,2,3,4-tetrahydro-6,7-dime	1076-61-5	NIST02.L	29466	93
Naphthalene, 1,2,3,4-tetrahydro-5,7-dime	21693-54-9	NIST02.L	29464	90
Naphthalene, 1,2,3,4-tetrahydro-5,6-dime	20027-77-4	NIST02.L	29454	90









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SD | Lab Sample ID: 460-62993-33

Matrix: Solid | Lab File ID: O77955.D

Analysis Method: 8260B | Date Collected: 09/13/2013 12:00

Sample wt/vol: 6.243(g) | Date Analyzed: 09/17/2013 12:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.9 | Level: (low/med) Low

Analysis Batch No.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.96	0.15
74-83-9	Bromomethane	0.41	U	0.96	0.41
75-01-4	Vinyl chloride	0.33	U	0.96	0.33
75-00-3	Chloroethane	0.32	U	0.96	0.32
75-09-2	Methylene Chloride	0.14	U	0.96	0.14
67-64-1	Acetone	5.8	B	4.8	1.6
75-15-0	Carbon disulfide	0.22	J	0.96	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.96	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.96	0.18
75-34-3	1,1-Dichloroethane	0.11	U	0.96	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	0.96	0.13
156-59-2	cis-1,2-Dichloroethene	0.26	J	0.96	0.11
67-66-3	Chloroform	2.7		0.96	0.23
78-93-3	2-Butanone	0.61	U	4.8	0.61
107-06-2	1,2-Dichloroethane	0.17	U	0.96	0.17
71-55-6	1,1,1-Trichloroethane	0.13	U	0.96	0.13
56-23-5	Carbon tetrachloride	0.14	U	0.96	0.14
71-43-2	Benzene	0.14	U	0.96	0.14
75-25-2	Bromoform	0.16	U	0.96	0.16
100-42-5	Styrene	0.27	U	0.96	0.27
100-41-4	Ethylbenzene	0.16	U	0.96	0.16
108-90-7	Chlorobenzene	0.17	U	0.96	0.17
110-82-7	Cyclohexane	0.13	U	0.96	0.13
98-82-8	Isopropylbenzene	0.11	U	0.96	0.11
591-78-6	2-Hexanone	0.13	U	4.8	0.13
1634-04-4	MTBE	0.11	U	0.96	0.11
76-13-1	Freon TF	0.11	U	0.96	0.11
79-20-9	Methyl acetate	0.31	U	0.96	0.31
123-91-1	1,4-Dioxane	12	U	19	12
79-01-6	Trichloroethene	0.21	J	0.96	0.12
108-88-3	Toluene	0.13	U	0.96	0.13
10061-02-6	trans-1,3-Dichloropropene	0.096	U	0.96	0.096
108-10-1	4-Methyl-2-pentanone	0.19	U	4.8	0.19
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.96	0.13
95-50-1	1,2-Dichlorobenzene	0.096	U	0.96	0.096
541-73-1	1,3-Dichlorobenzene	0.15	U	0.96	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SD | Lab Sample ID: 460-62993-33

Matrix: Solid | Lab File ID: O77955.D

Analysis Method: 8260B | Date Collected: 09/13/2013 12:00

Sample wt/vol: 6.243(g) | Date Analyzed: 09/17/2013 12:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.9 | Level: (low/med) Low

Analysis Batch No.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.43	J	0.96	0.11
120-82-1	1,2,4-Trichlorobenzene	3.1		0.96	0.18
87-61-6	1,2,3-Trichlorobenzene	2.6		0.96	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.96	0.14
108-87-2	Methylcyclohexane	0.15	J	0.96	0.096
127-18-4	Tetrachloroethene	0.25	J	0.96	0.12
1330-20-7	Xylenes, Total	0.65	U	2.9	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	0.42	U *	0.96	0.42
79-34-5	1,1,2,2-Tetrachloroethane	0.087	U	0.96	0.087
79-00-5	1,1,2-Trichloroethane	0.13	U	0.96	0.13
124-48-1	Dibromochloromethane	0.096	U	0.96	0.096
106-93-4	1,2-Dibromoethane	0.14	U	0.96	0.14
75-71-8	Dichlorodifluoromethane	0.21	U	0.96	0.21
74-97-5	Bromochloromethane	0.11	U	0.96	0.11
75-27-4	Bromodichloromethane	0.31	U	0.96	0.31

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		70-130
2037-26-5	Toluene-d8 (Surr)	108		70-130
460-00-4	Bromofluorobenzene	101		70-130
1868-53-7	Dibromofluoromethane (Surr)	103		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SD Lab Sample ID: 460-62993-33

Matrix: Solid Lab File ID: O77955.D

Analysis Method: 8260B Date Collected: 09/13/2013 12:00

Sample wt/vol: 6.243(g) Date Analyzed: 09/17/2013 12:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.9 Level: (low/med) Low

Analysis Batch No.: 181663 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 214

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	12.21	24	J N
1000155-85-6	cis-Decalin, 2-syn-methyl-	12.44	25	J N
17851-27-3	Benzene, 1-ethyl-2,4,5-trimethyl-	12.71	25	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	13.04	18	J N
	Unknown	13.47	23	J
1559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-methyl	13.62	20	J N
769-57-3	.alpha.,.beta.,.beta.-Trimethylstyrene	13.95	20	J N
40650-41-7	1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	14.42	17	J N
629-59-4	Tetradecane	14.56	22	J N
54340-85-1	Benzene, 1-(2-butenyl)-2,3-dimethyl-	14.88	20	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D
Lims ID: 460-62993-A-33-A
Client ID: PMP-15SE-SD
Inject. Date: 17-Sep-2013 12:37:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-62993-A-33-A
Misc. Info.: 460-0004695-019
Operator: VOA GC/MS12
Instrument ID: CVOAMS12
Purge Vol: 5.000 mL
ALS Bottle#: 18
Lims Batch ID: 181663
Lims Sample ID: 19
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\8260S_12.m
Last Update: 20-Sep-2013 14:21:27
Calib Date: 06-Aug-2013 22:09:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D
Limit Group: VOA - 8260B Water and Solid
Integrator: RTE
ID Type: Deconvolution ID
Column Type: Rtx-624
Column Dia: 0.25 mm
Process Host: XAWRK016

First Level Reviewer: tupayachia
Date: 17-Sep-2013 18:05:49

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.625	1.632	-0.007	85	5557	5.99	
21 Carbon disulfide	76	1.704	1.704	0.0	81	2228	0.2310	
* 151 TBA-d9 (IS)	65	1.897	1.911	-0.014	90	255497	1000.0	
42 cis-1,2-Dichloroethene	96	2.707	2.707	0.0	13	868	0.2732	
47 Chloroform	83	2.957	2.957	0.0	90	12494	2.77	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	97	89224	51.4	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.366	-0.008	88	91531	59.7	
* 59 Fluorobenzene	96	3.659	3.659	0.0	100	376329	50.0	
61 Trichloroethene	95	4.003	4.003	0.0	49	625	0.2217	
63 Methylcyclohexane	83	4.175	4.168	0.007	51	804	0.1544	
* 150 1,4-Dioxane-d8	96	4.354	4.347	0.007	74	21207	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	394402	54.2	
80 Tetrachloroethene	166	6.066	6.073	-0.007	48	894	0.2551	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	81	363773	50.0	
92 o-Xylene	106	8.201	8.201	0.0	54	2353	0.4495	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	93	143677	50.4	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	211446	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	27	3257	0.4435	
124 1,2,4-Trichlorobenzene	180	13.229	13.229	0.0	75	18328	3.17	
128 1,2,3-Trichlorobenzene	180	13.644	13.645	-0.001	37	13453	2.65	
S 131 Xylenes, Total	100				0		0.4495	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D		
Lims ID:	460-62993-A-33-A	Client ID:	PMP-15SE-SD
Inject. Date:	17-Sep-2013 12:37:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-33-A		
Misc. Info.:	460-0004695-019		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	18
Lims Batch ID:	181663	Lims Sample ID:	19
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\8260S_12.m		
Last Update:	20-Sep-2013 14:21:27	Calib Date:	06-Aug-2013 22:09:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	40		
Process Host:	XAWRK016		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 18:05:49

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-				
12.205	476285	24.5	87	81	21844	
	1000155-85-6	cis-Decalin, 2-syn-methyl-				
12.441	500925	25.8	87	90	24314	
	17851-27-3	Benzene, 1-ethyl-2,4,5-trimethyl-				
12.706	503553	25.9	87	93	21832	
	1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-				
13.036	367114	18.9	87	70	21844	
		Unknown				
13.473	457407	23.6	87	0	0	
	1559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-methyl				
13.623	406976	21.0	87	94	20767	
	769-57-3	.alpha.,.beta.,.beta.-Trimethylstyrene				
13.952	401159	20.7	87	94	20750	
	40650-41-7	1H-Indene, 2,3-dihydro-1,1,5-trimethyl-				
14.418	351740	18.1	87	90	29423	
	629-59-4	Tetradecane				
14.561	438305	22.6	87	93	55010	
	54340-85-1	Benzene, 1-(2-butenyl)-2,3-dimethyl-				
14.884	399480	20.6	87	93	29406	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 87 Chlorobenzene-d5	7.205	970581	50.0

QC Flag Legend

Processing Flags

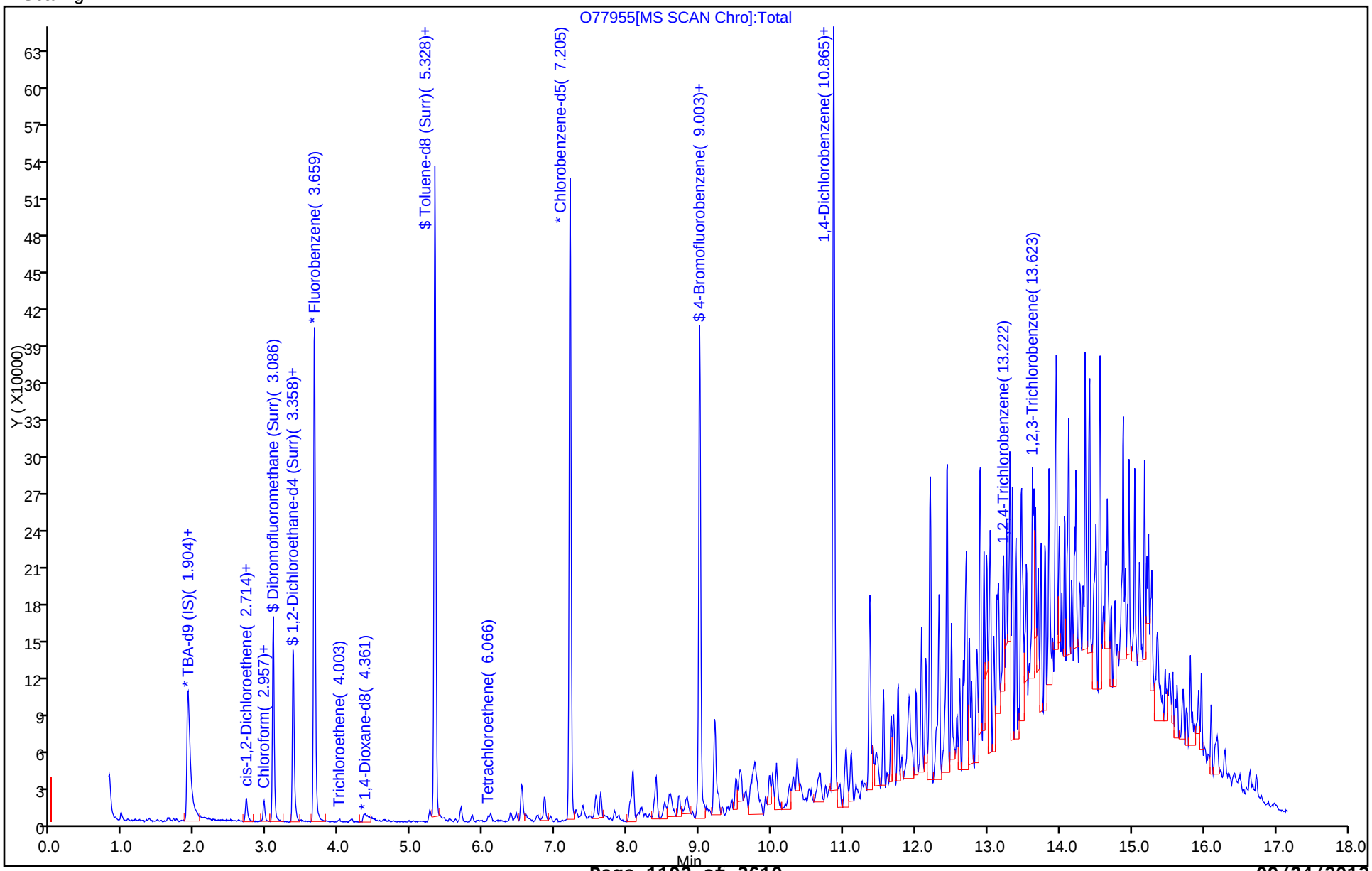
Report Date: 20-Sep-2013 14:22:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D

Injection Date:	17-Sep-2013 12:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



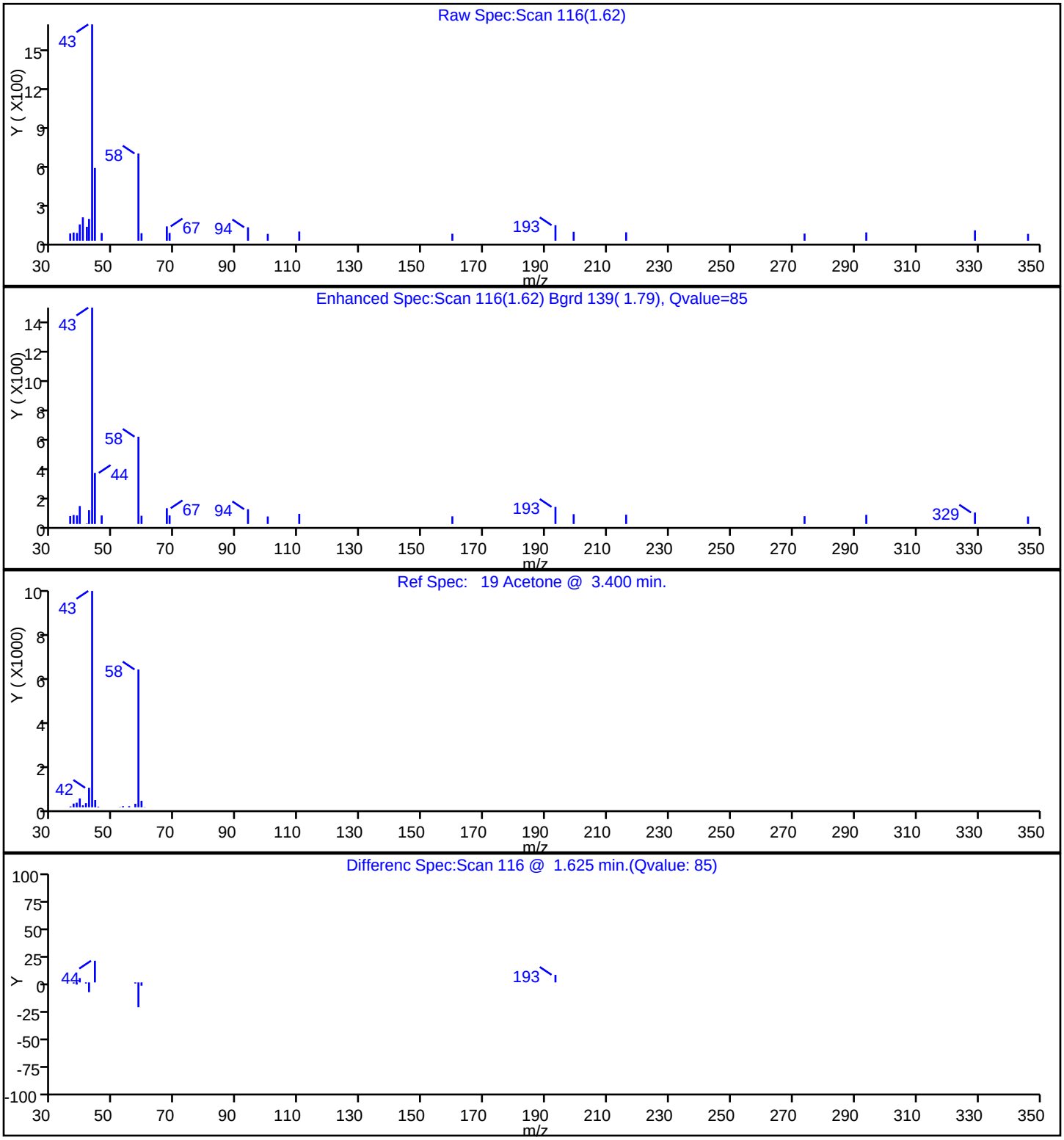
Report Date: 20-Sep-2013 14:22:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D

Injection Date:	17-Sep-2013 12:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



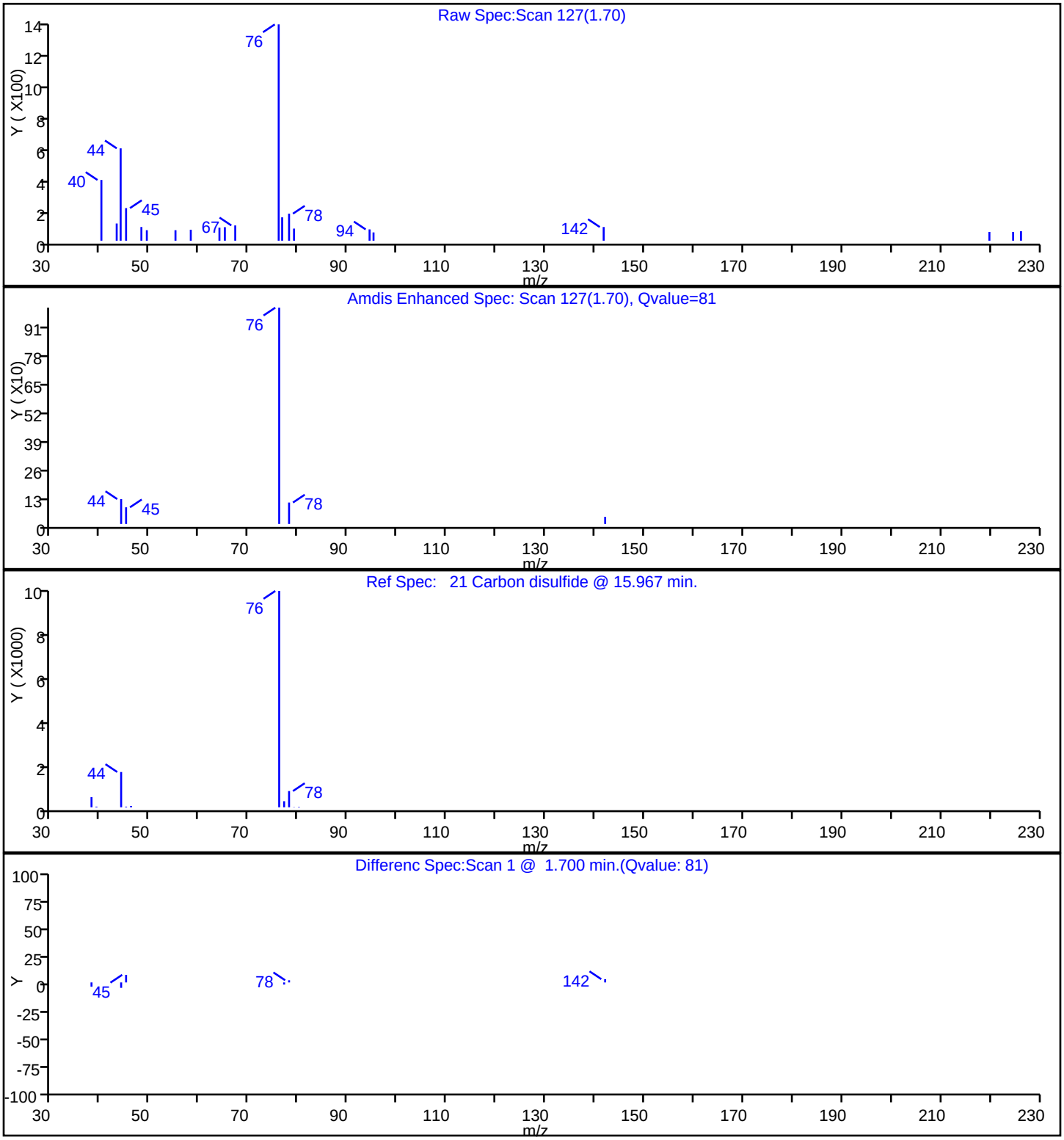
Report Date: 20-Sep-2013 14:22:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D

Injection Date:	17-Sep-2013 12:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

21 Carbon disulfide



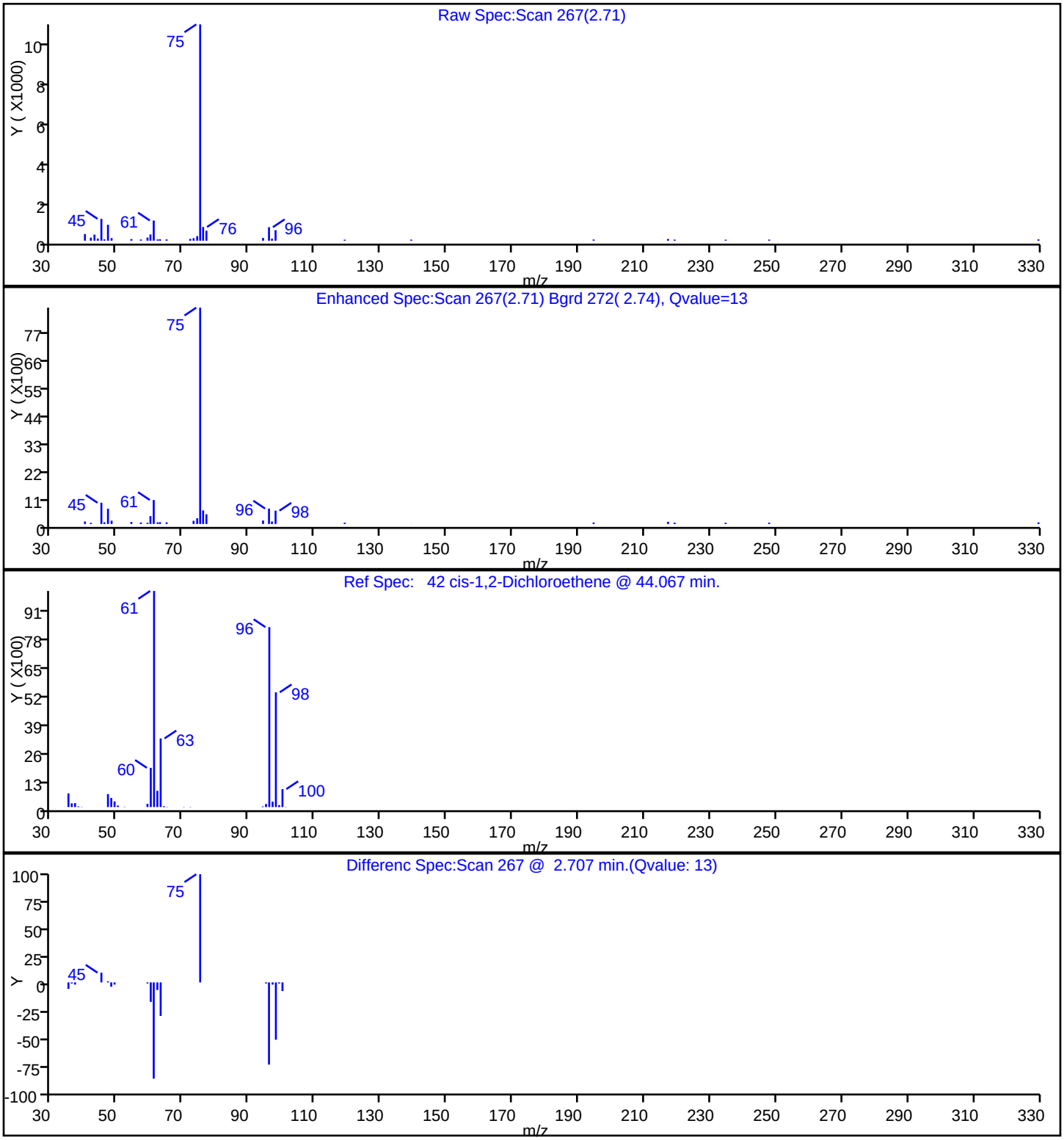
Report Date: 20-Sep-2013 14:22:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D

Injection Date:	17-Sep-2013 12:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

42 cis-1,2-Dichloroethene



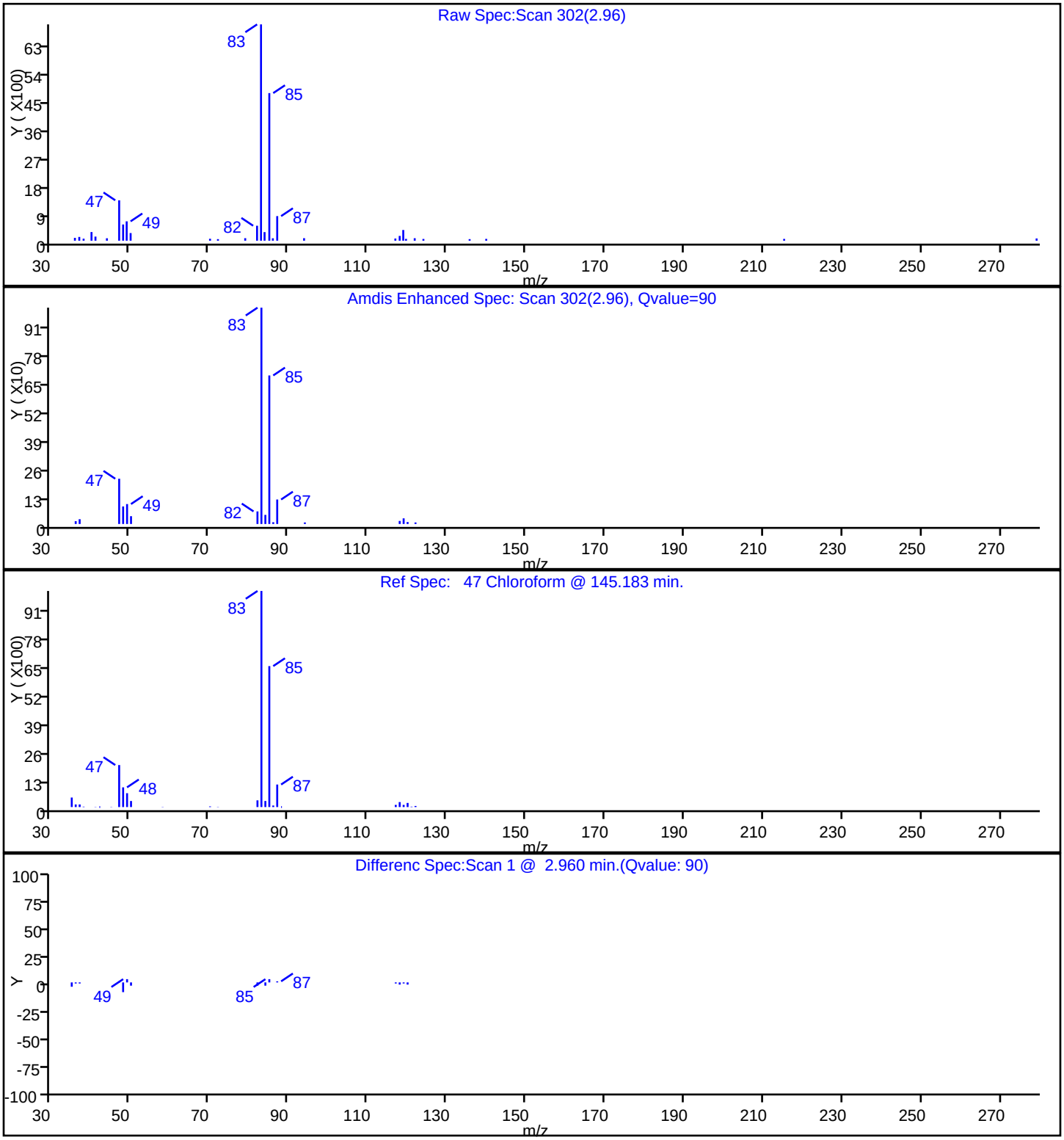
Report Date: 20-Sep-2013 14:22:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D

Injection Date:	17-Sep-2013 12:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



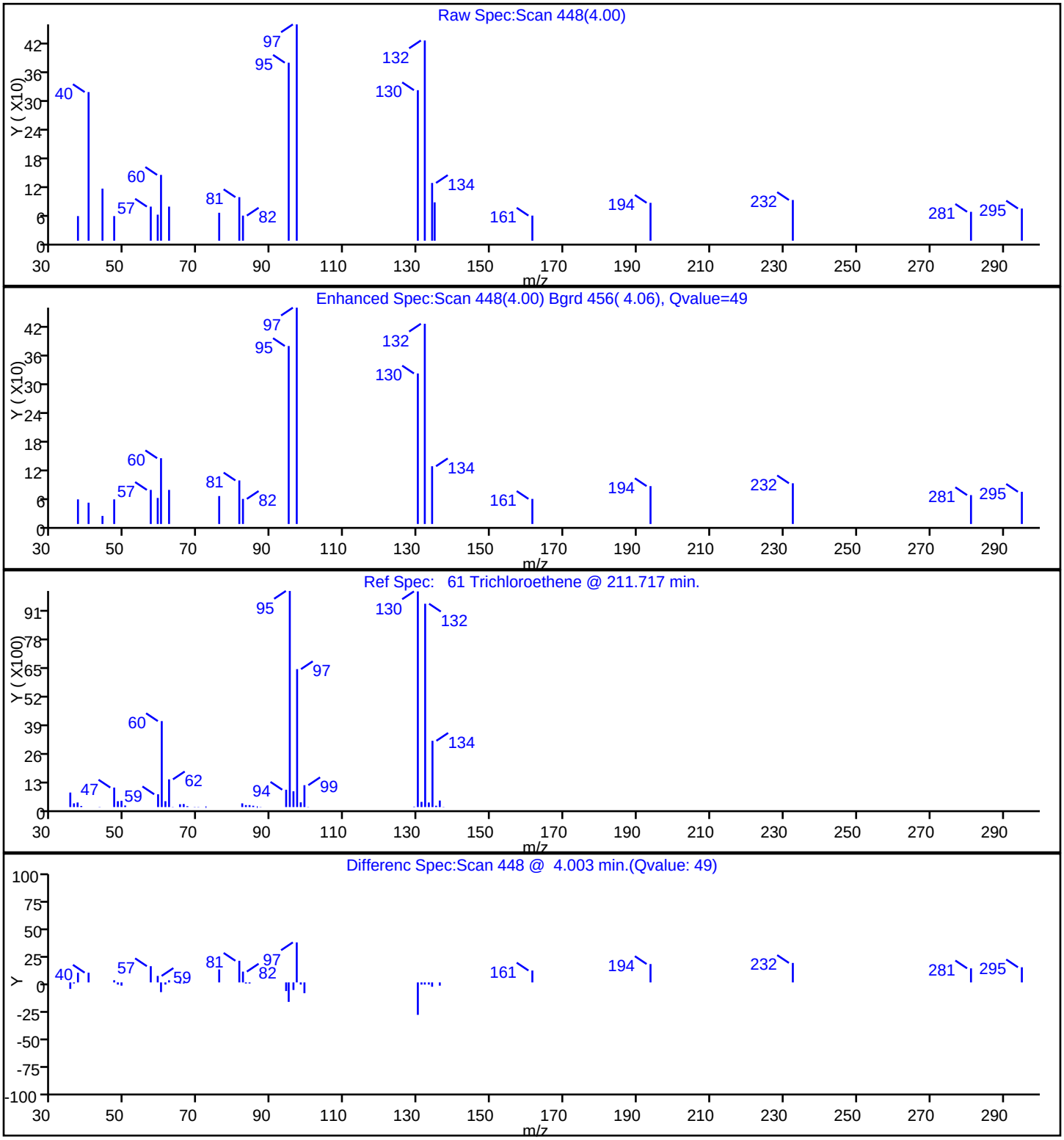
Report Date: 20-Sep-2013 14:22:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D

Injection Date:	17-Sep-2013 12:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

61 Trichloroethene



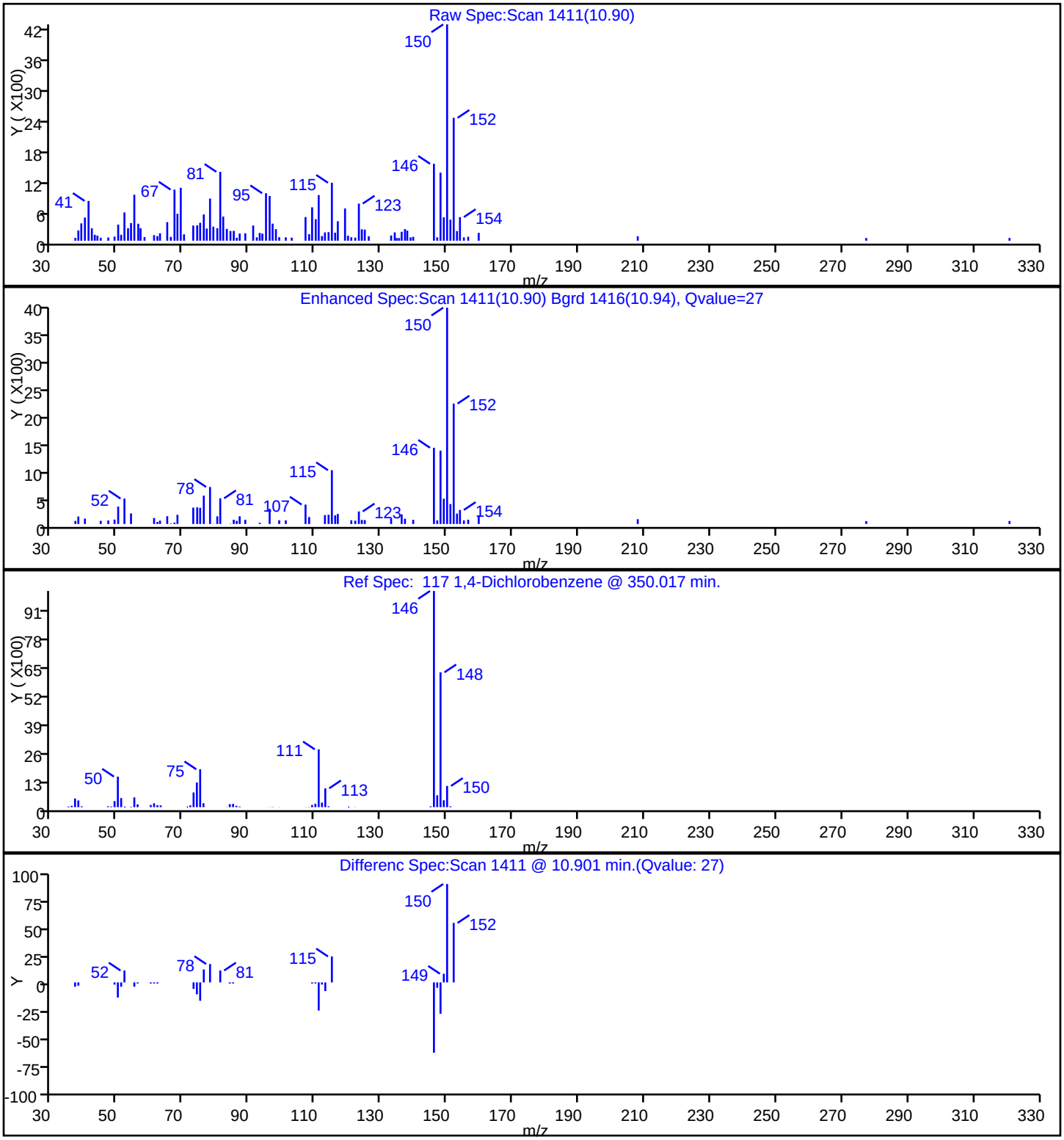
Report Date: 20-Sep-2013 14:22:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D

Injection Date:	17-Sep-2013 12:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



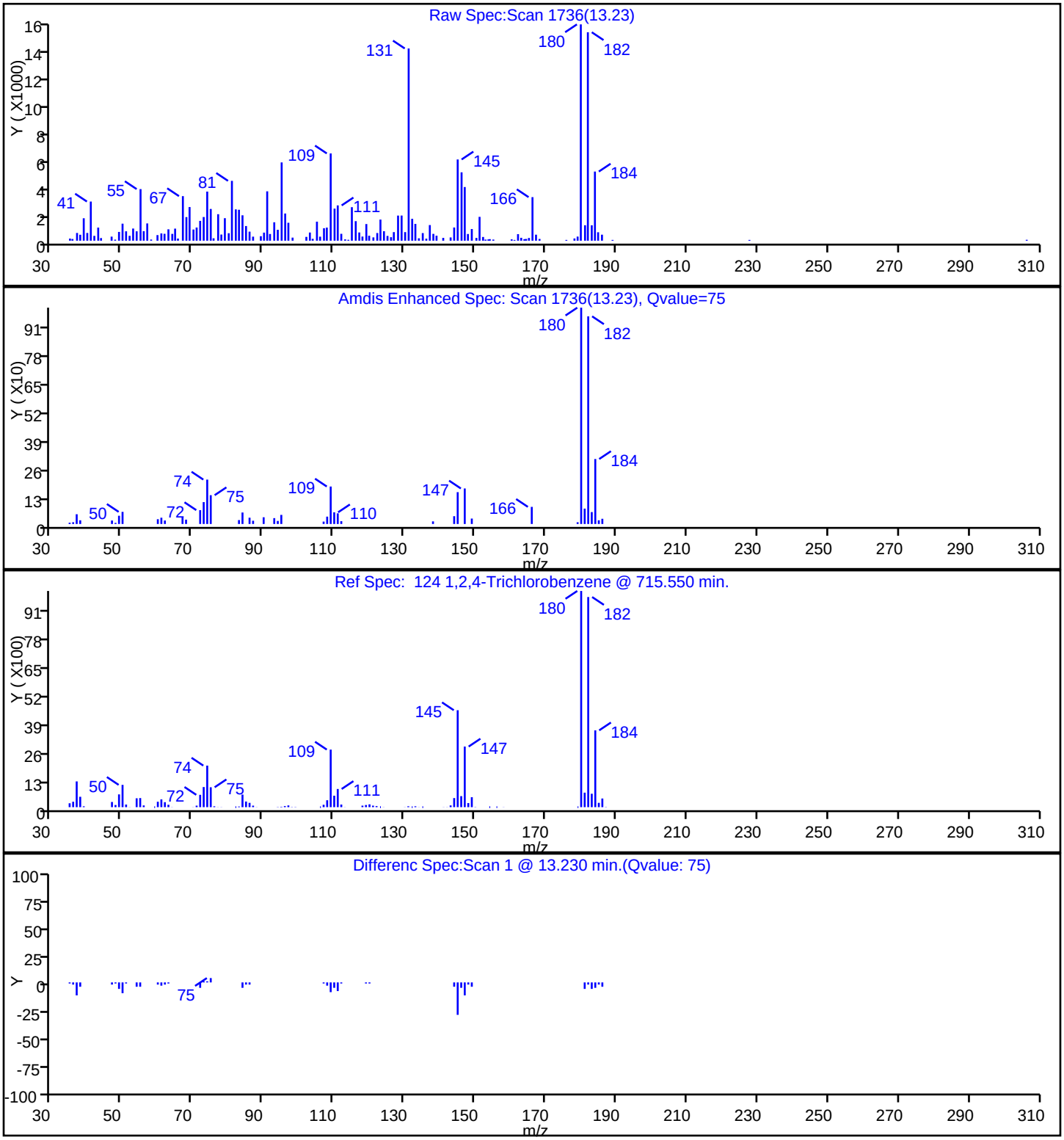
Report Date: 20-Sep-2013 14:22:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D

Injection Date:	17-Sep-2013 12:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



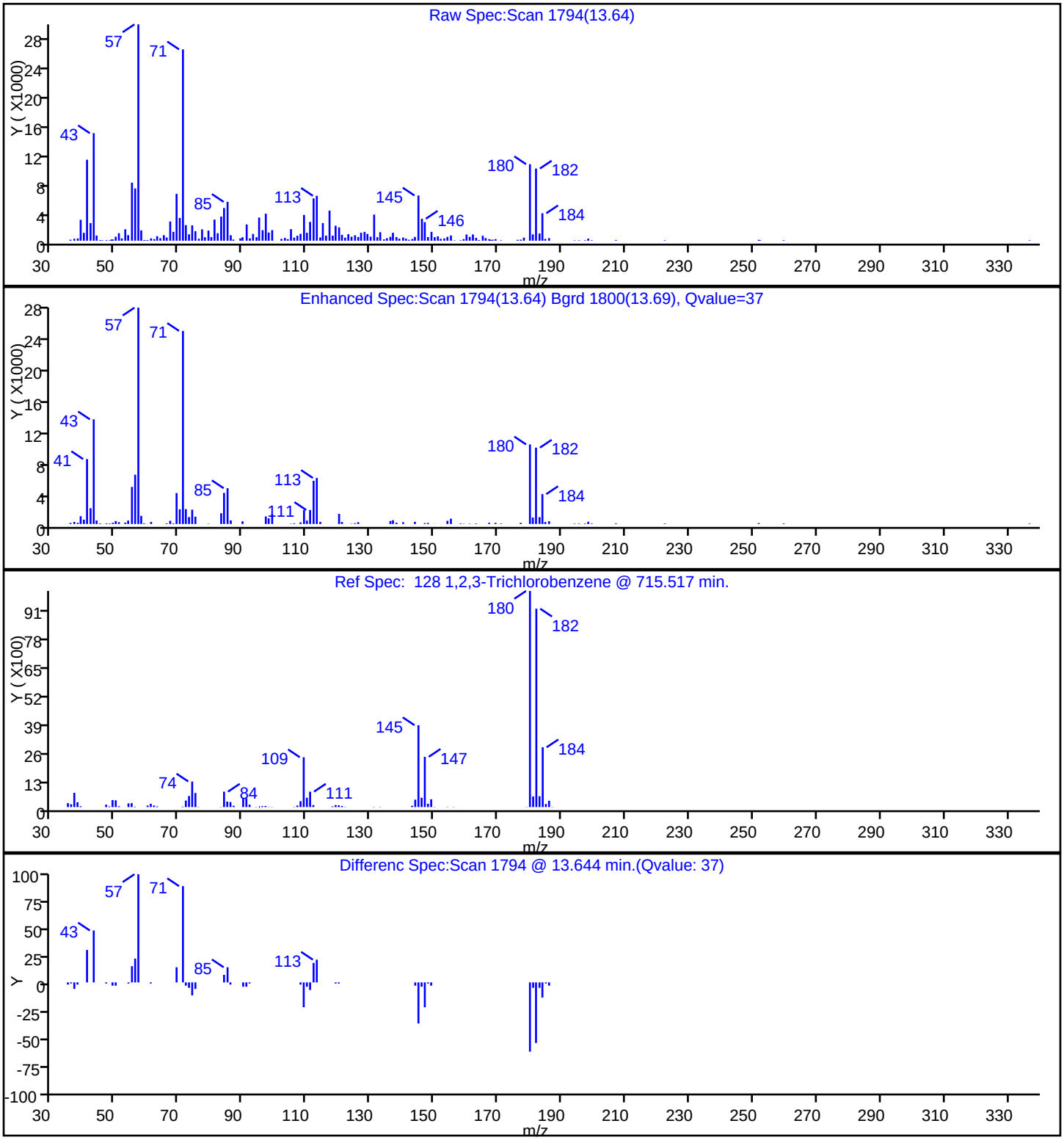
Report Date: 20-Sep-2013 14:22:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D

Injection Date:	17-Sep-2013 12:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

128 1,2,3-Trichlorobenzene



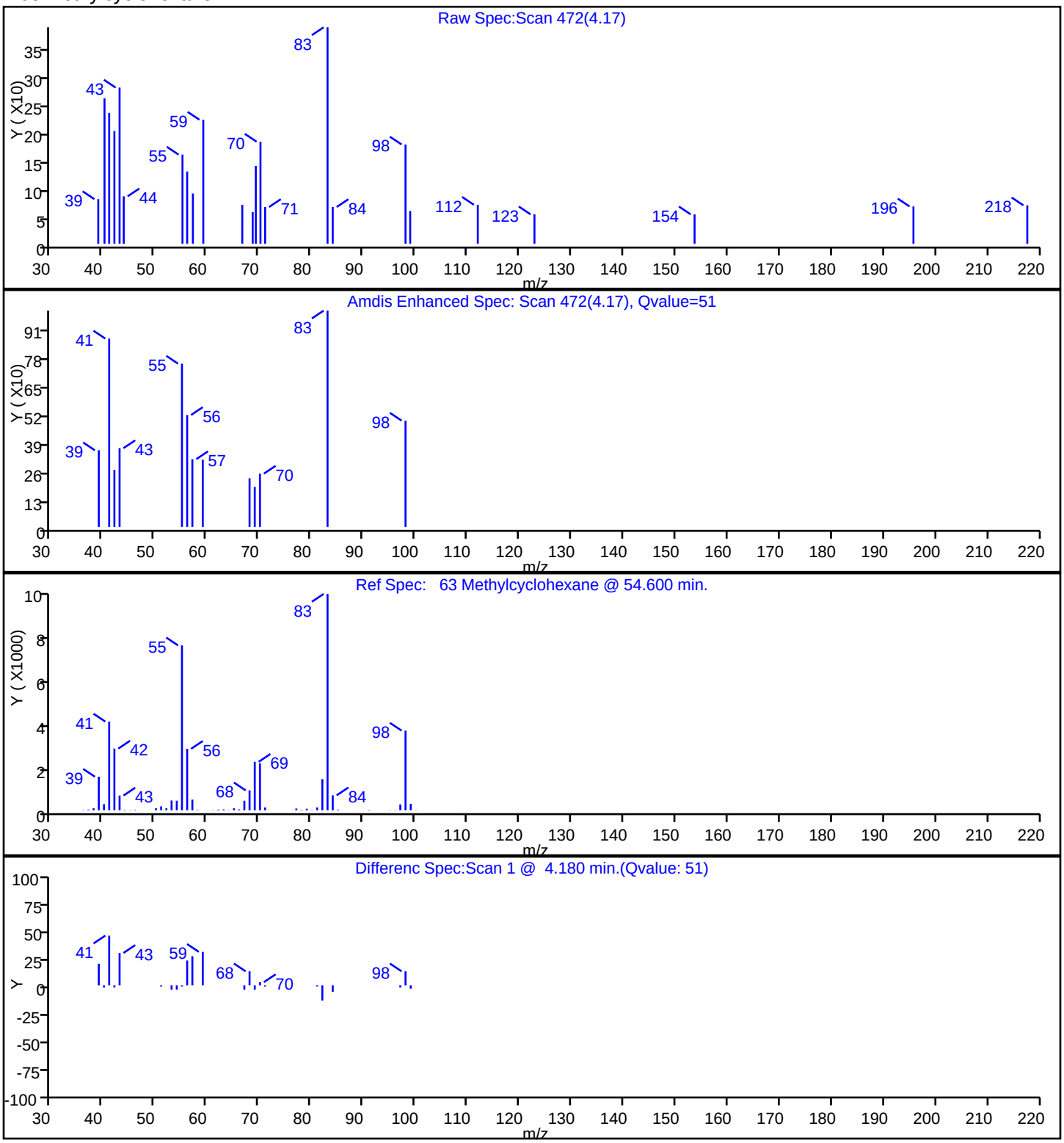
Report Date: 20-Sep-2013 14:22:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D

Injection Date:	17-Sep-2013 12:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

63 Methylcyclohexane



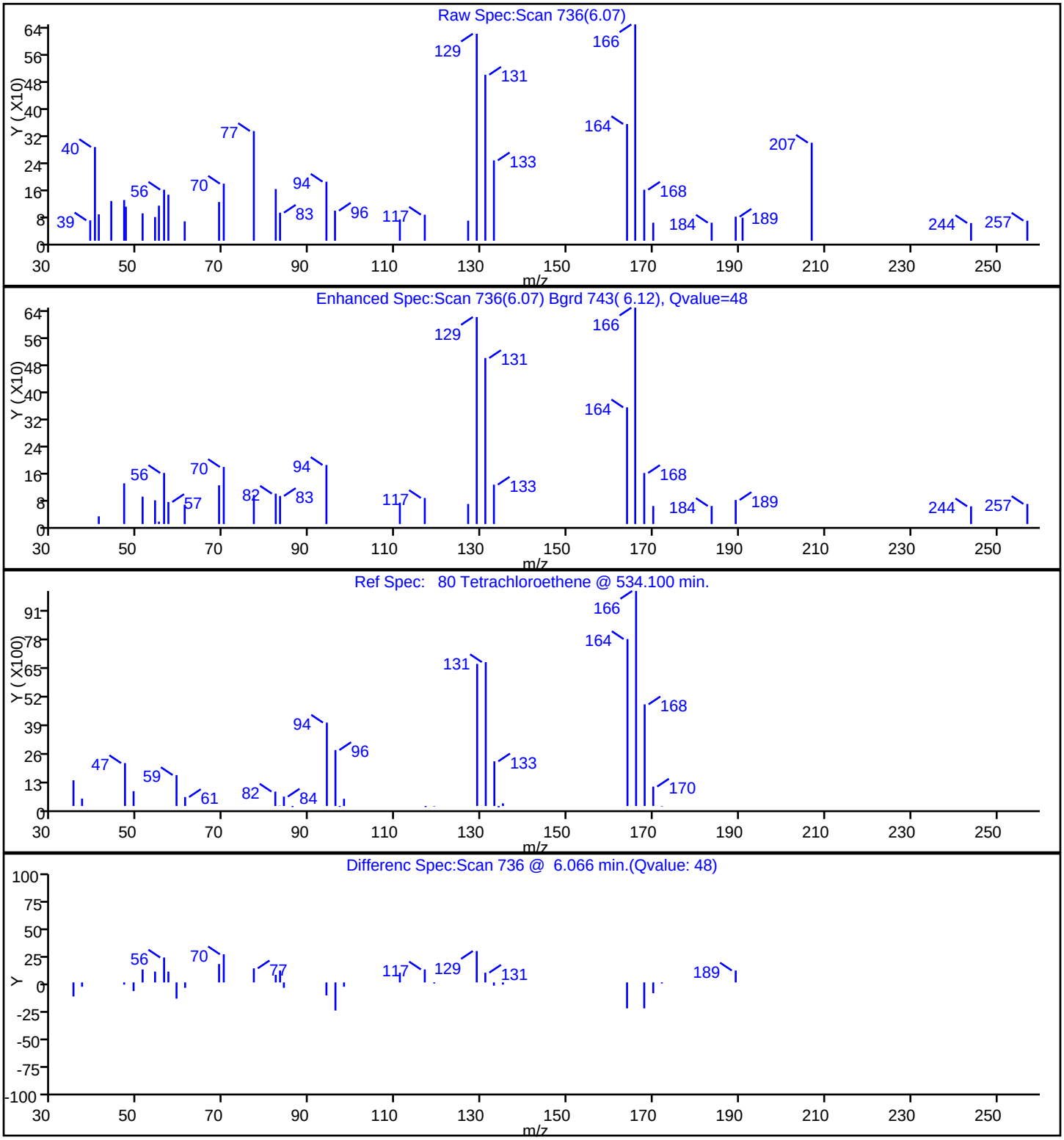
Report Date: 20-Sep-2013 14:22:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D

Injection Date:	17-Sep-2013 12:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene



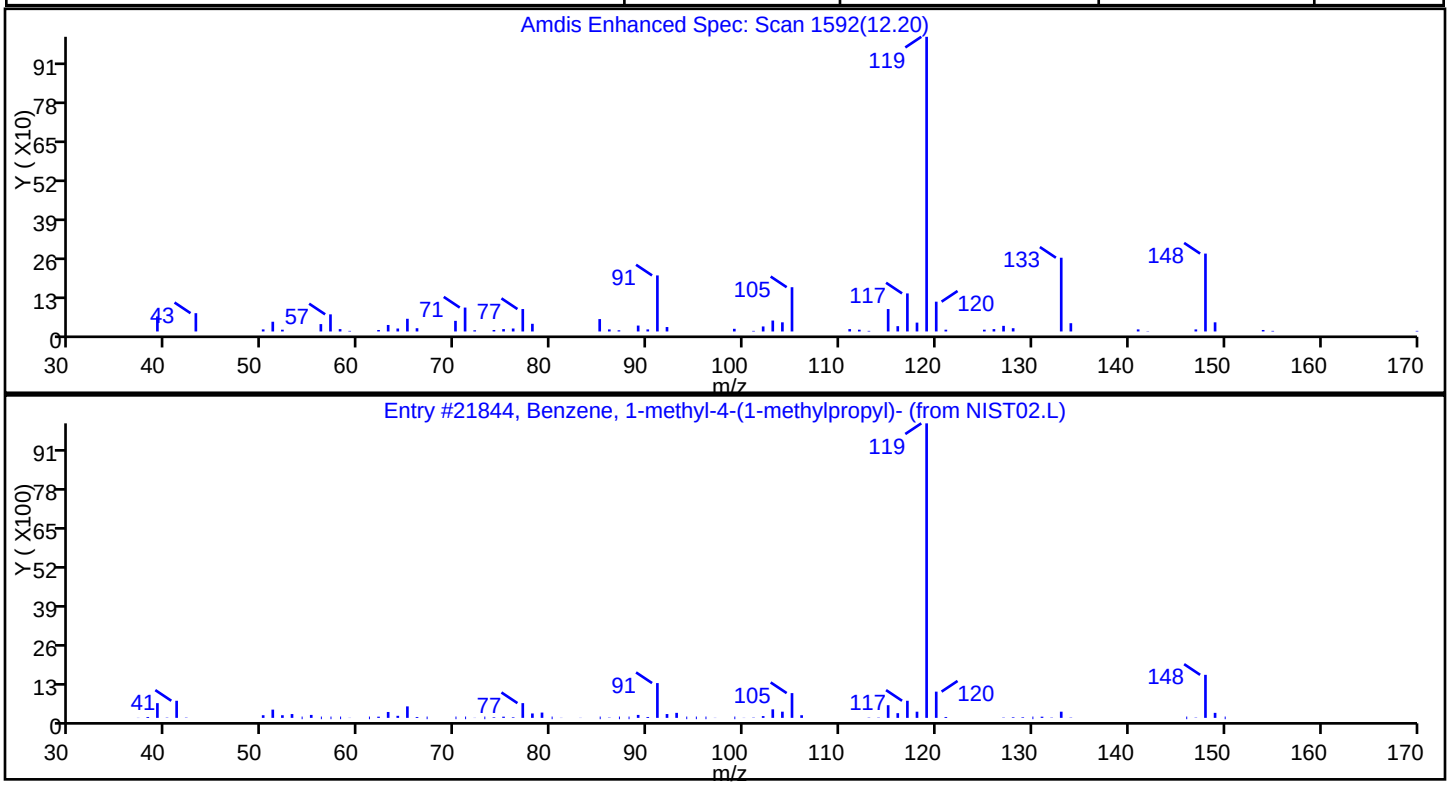
Report Date: 20-Sep-2013 14:22:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D

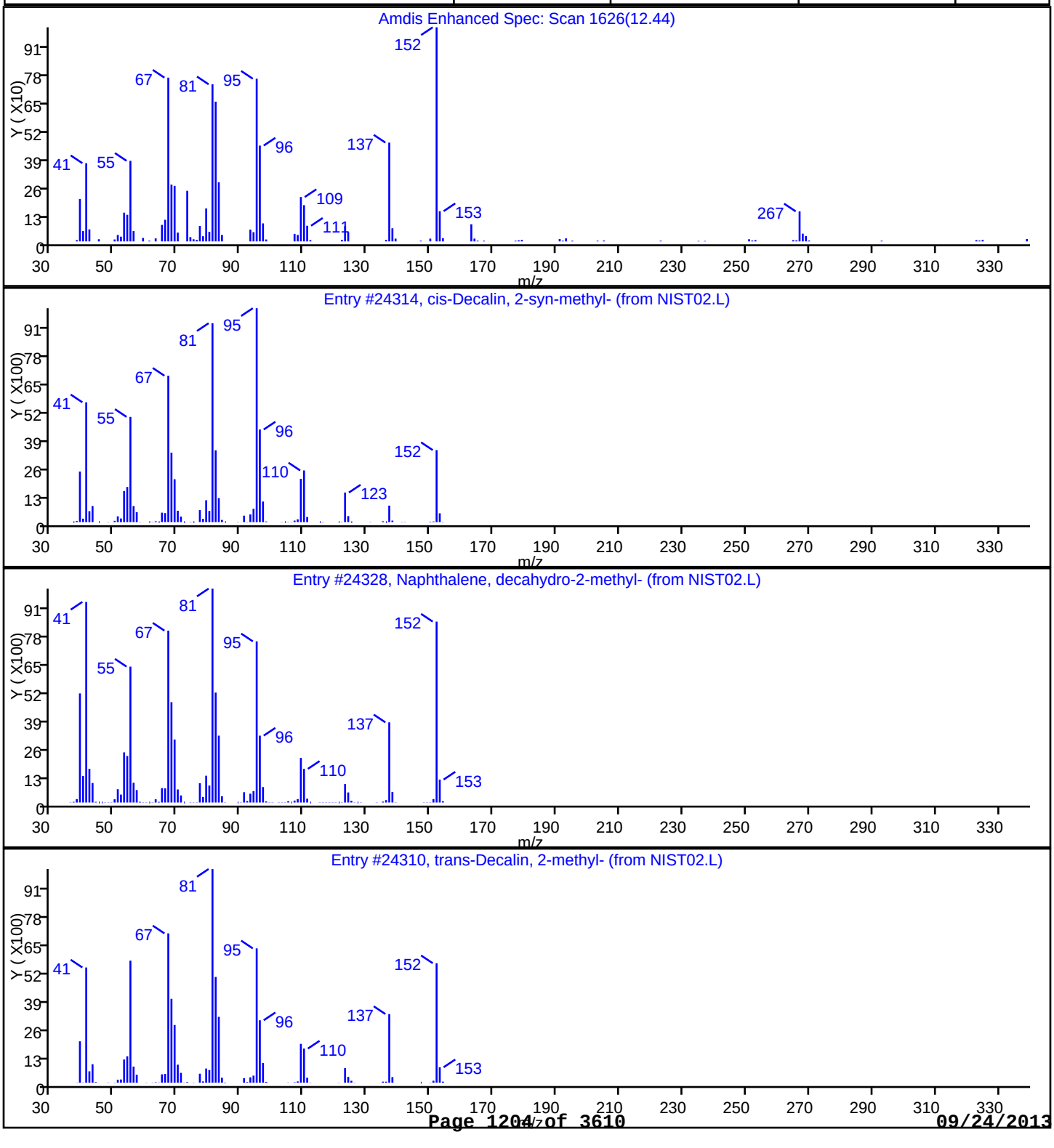
Injection Date:	17-Sep-2013 12:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	81



Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D
Injection Date: 17-Sep-2013 12:37:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-15SE-SD Instrument ID: CVOAMS12
Lims Batch ID: 181663 Lims Sample ID: 19
Operator ID: VOA GC/MS12 Purge Vol: 5.000 mL
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.L	24314	90
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	89
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	86



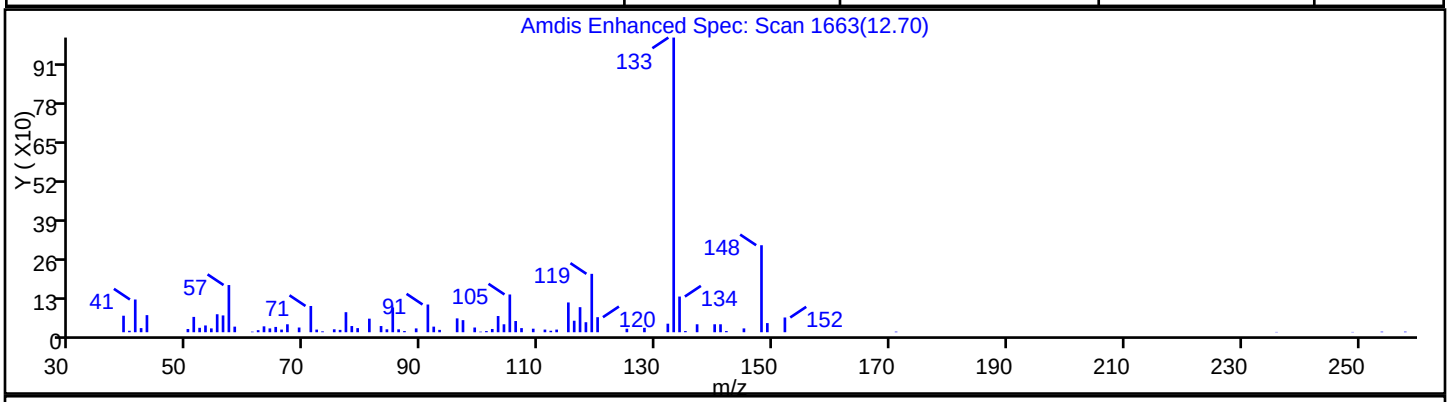
Report Date: 20-Sep-2013 14:22:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

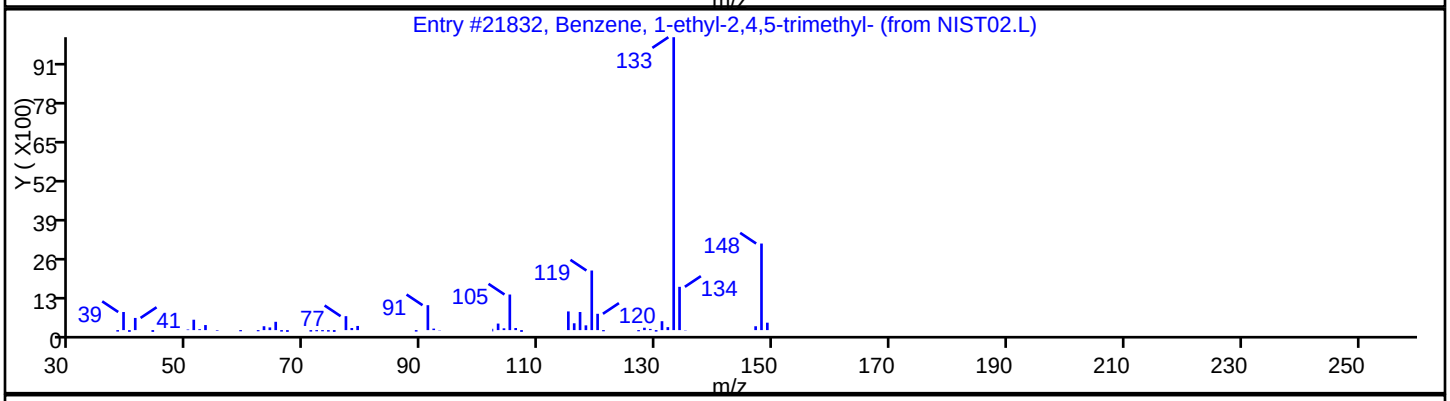
TestAmerica Edison

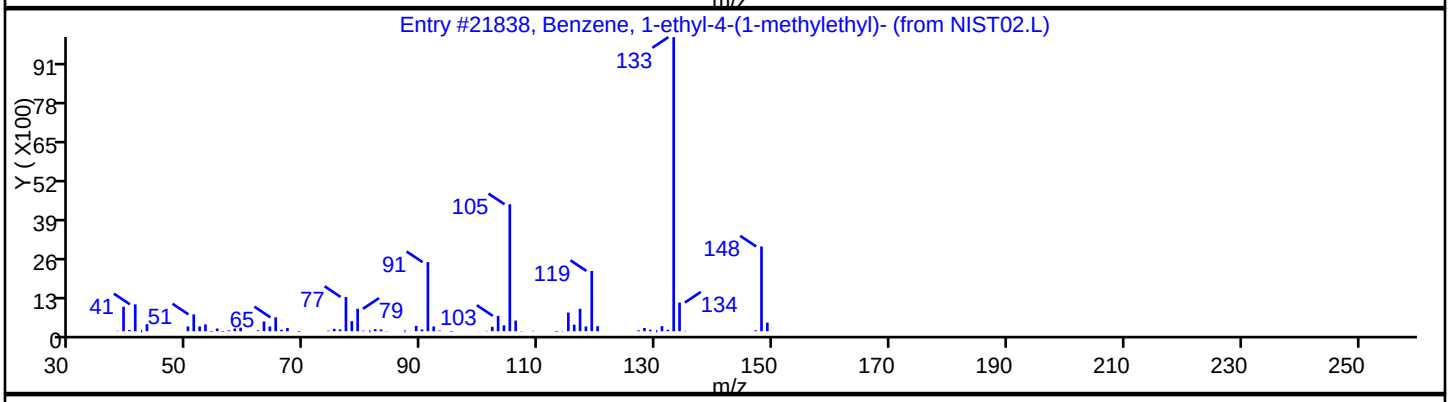
Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D

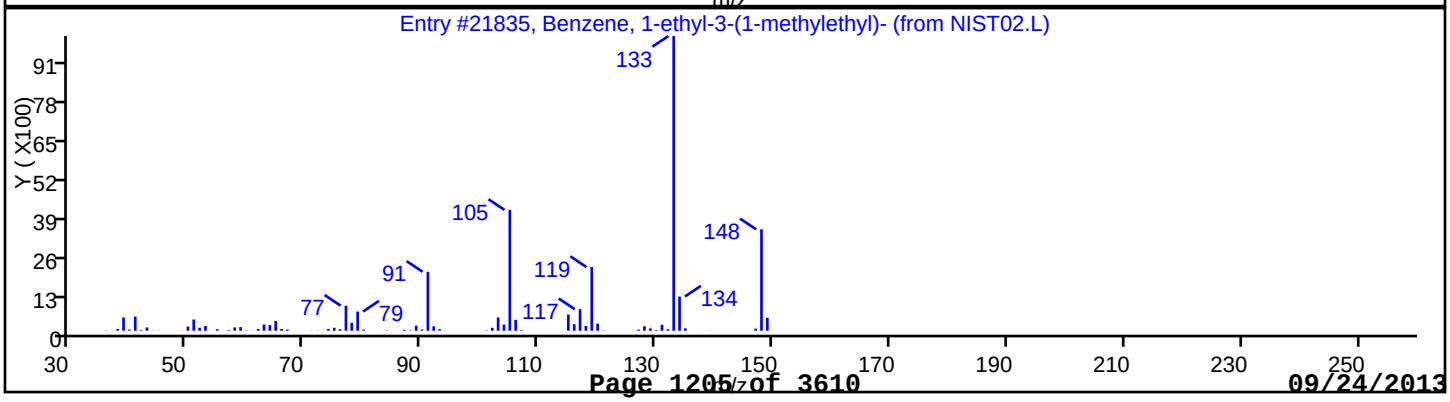
Injection Date:	17-Sep-2013 12:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-ethyl-2,4,5-trimethyl-	17851-27-3	NIST02.L	21832	93
Benzene, 1-ethyl-4-(1-methylethyl)-	4218-48-8	NIST02.L	21838	91
Benzene, 1-ethyl-3-(1-methylethyl)-	4920-99-4	NIST02.L	21835	91







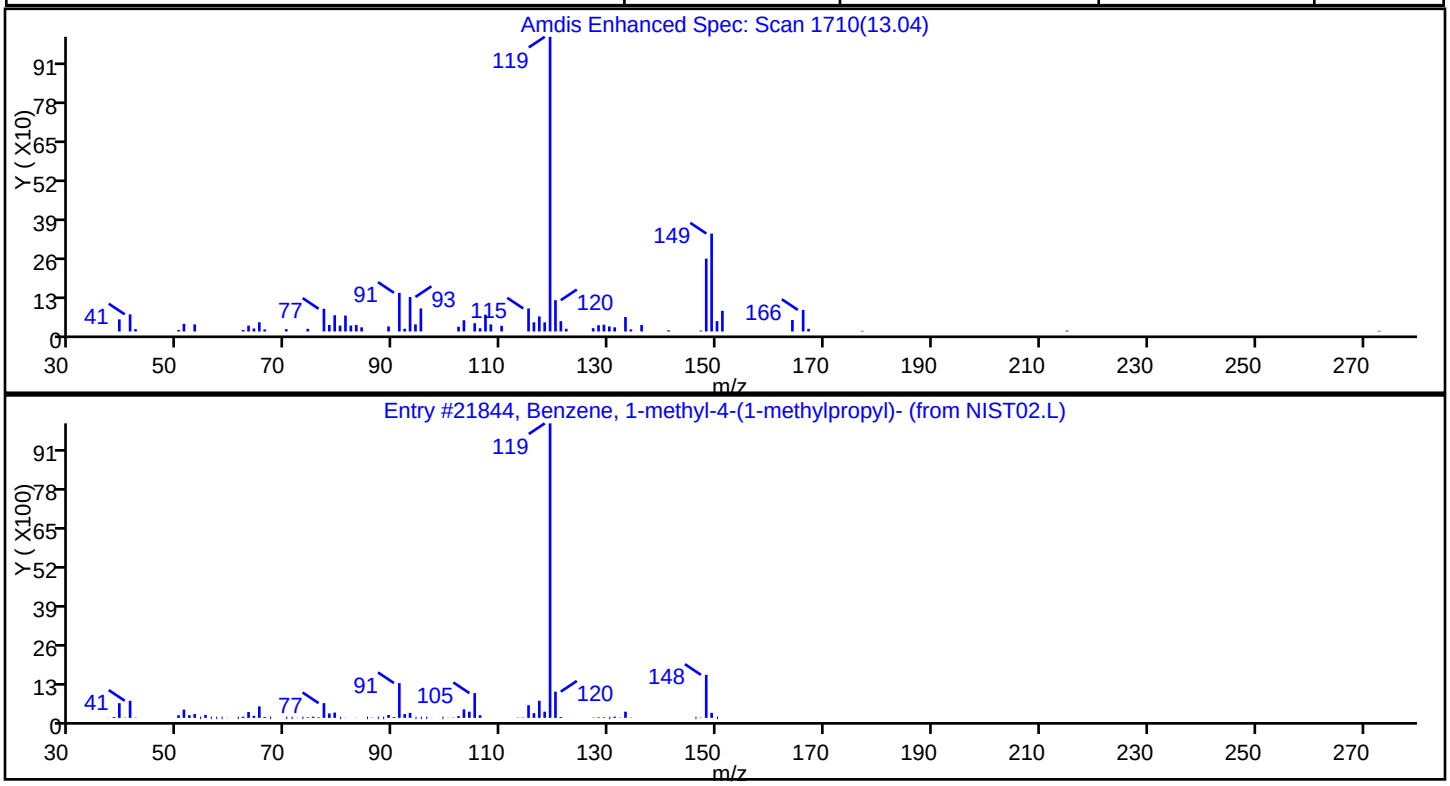


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D

Injection Date:	17-Sep-2013 12:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	70



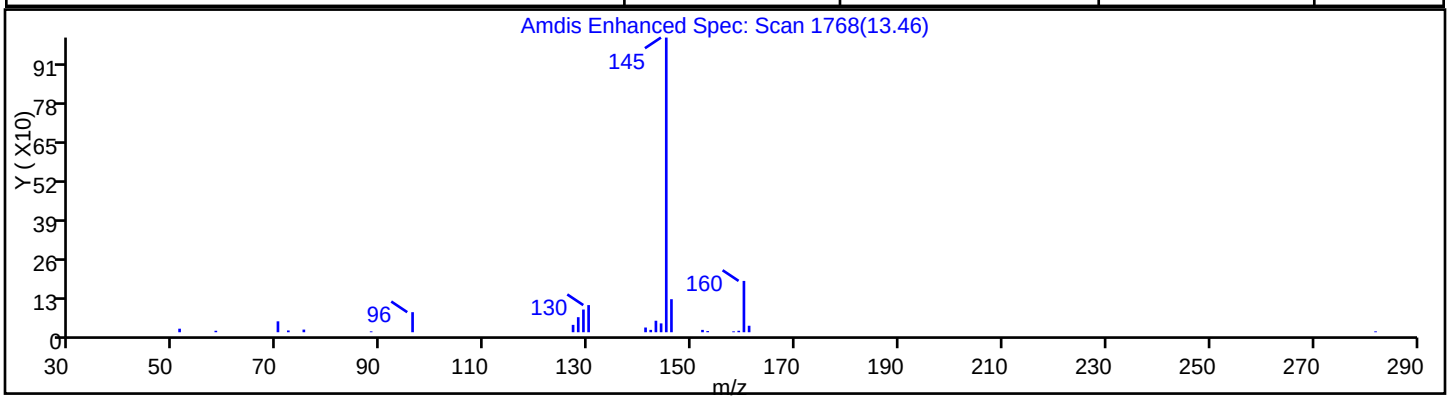
Report Date: 20-Sep-2013 14:22:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

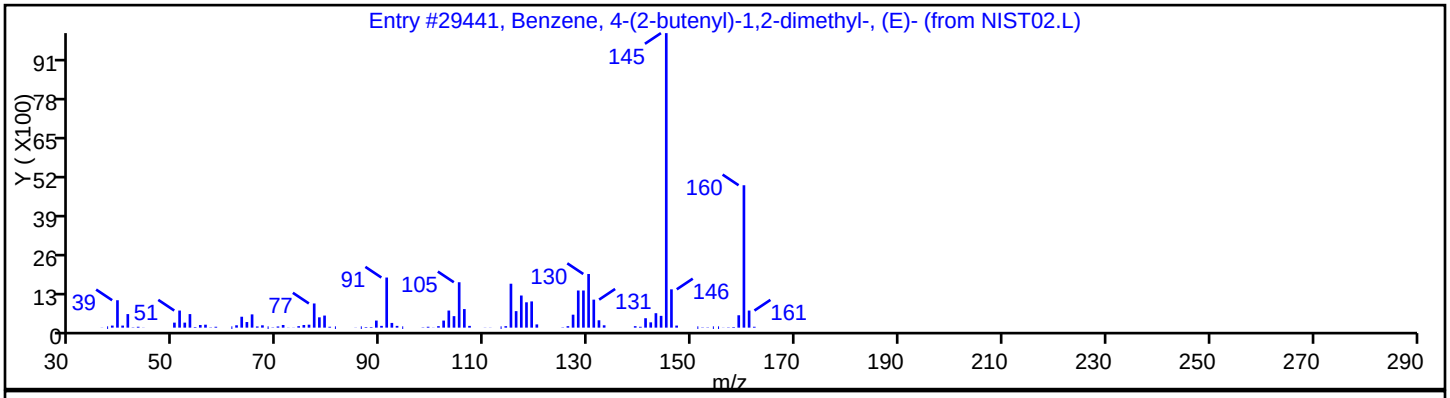
TestAmerica Edison

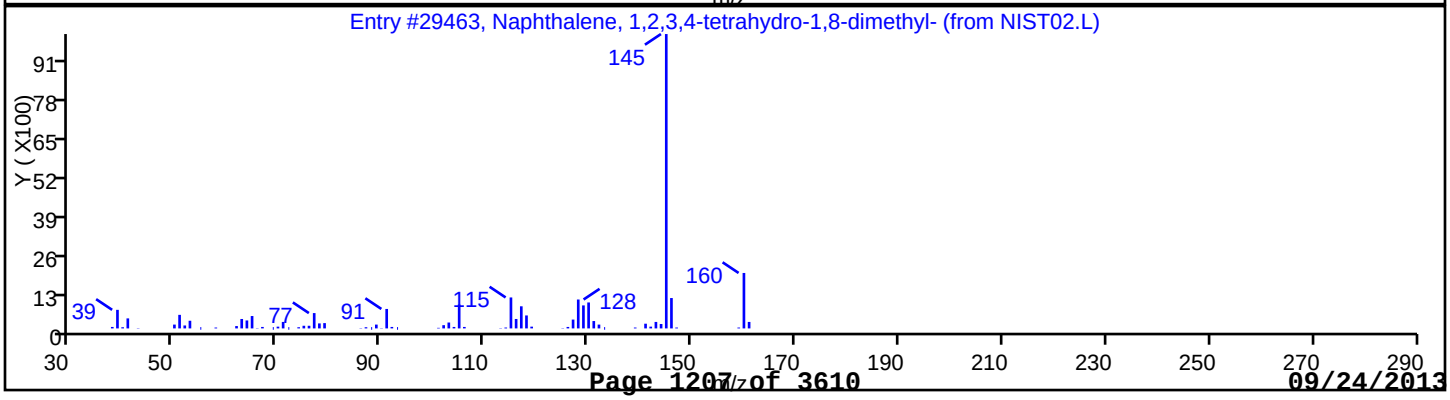
Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D

Injection Date:	17-Sep-2013 12:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown		NIST02.L	0	0
Benzene, 4-(2-butenyl)-1,2-dimethyl-, (E	54340-86-2	NIST02.L	29441	91
Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	25419-33-4	NIST02.L	29463	86







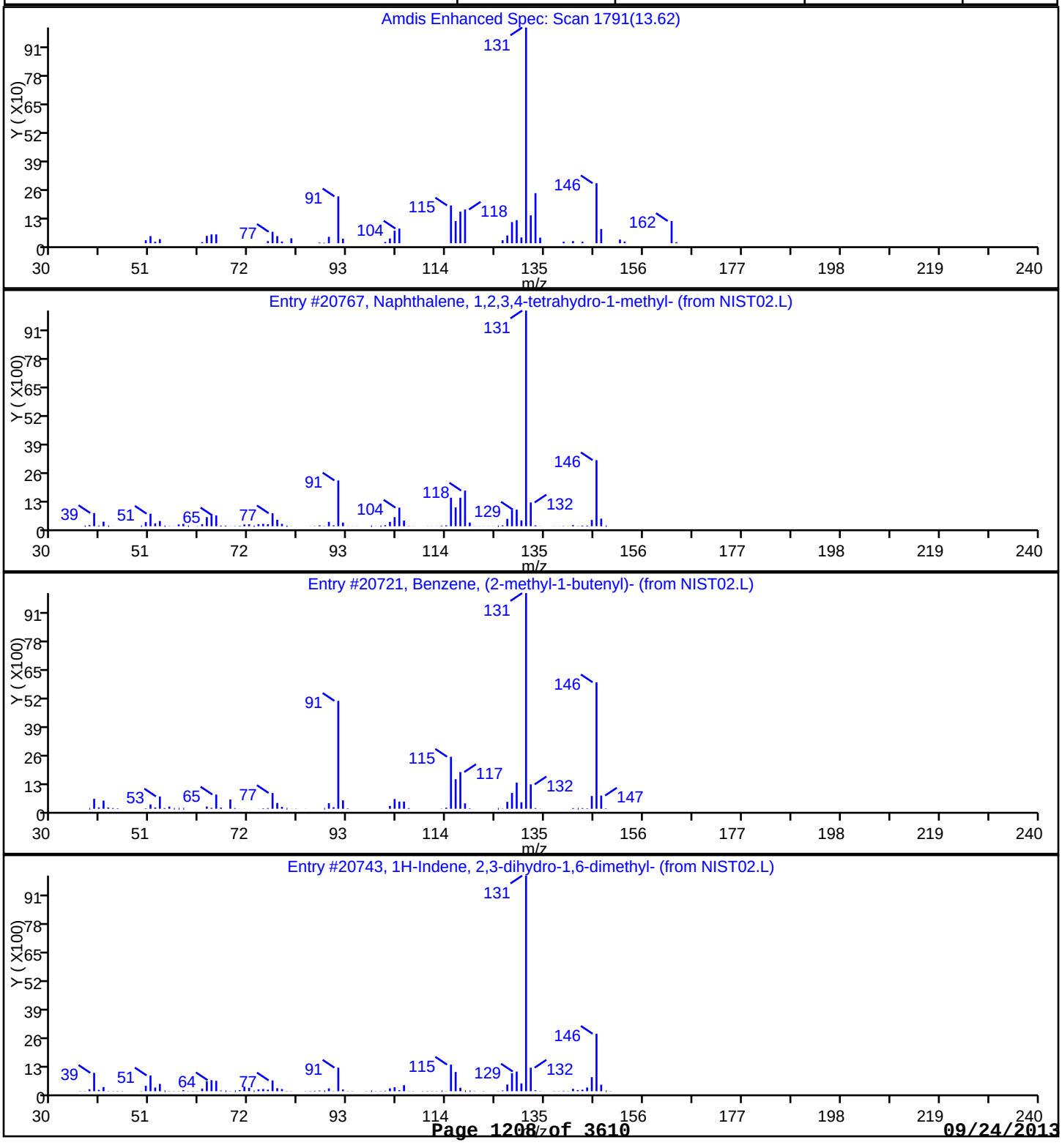
Report Date: 20-Sep-2013 14:22:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D

Injection Date:	17-Sep-2013 12:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 1,2,3,4-tetrahydro-1-methyl	1559-81-5	NIST02.L	20767	94
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.L	20721	94
1H-Indene, 2,3-dihydro-1,6-dimethyl-	17059-48-2	NIST02.L	20743	76



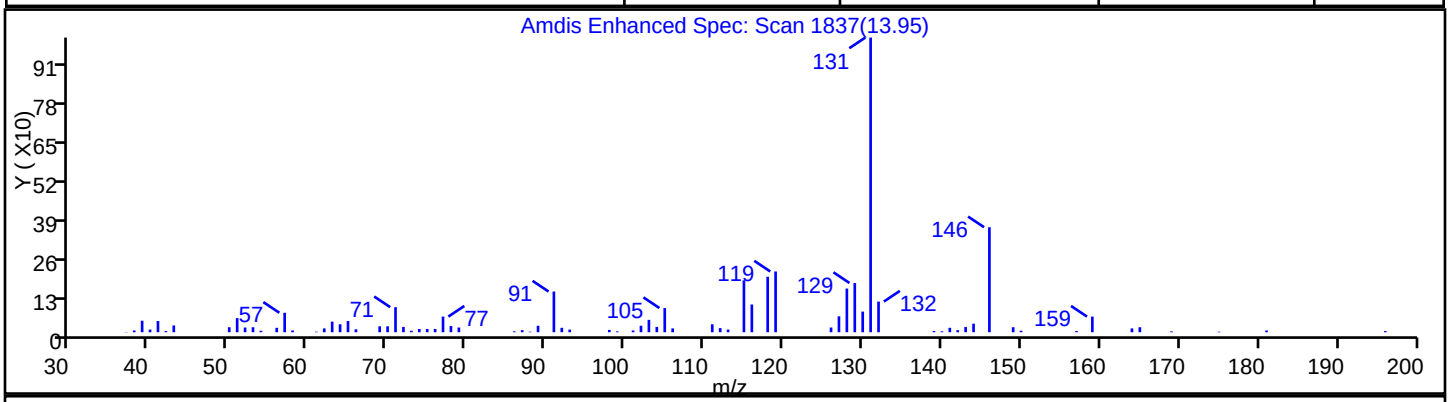
Report Date: 20-Sep-2013 14:22:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

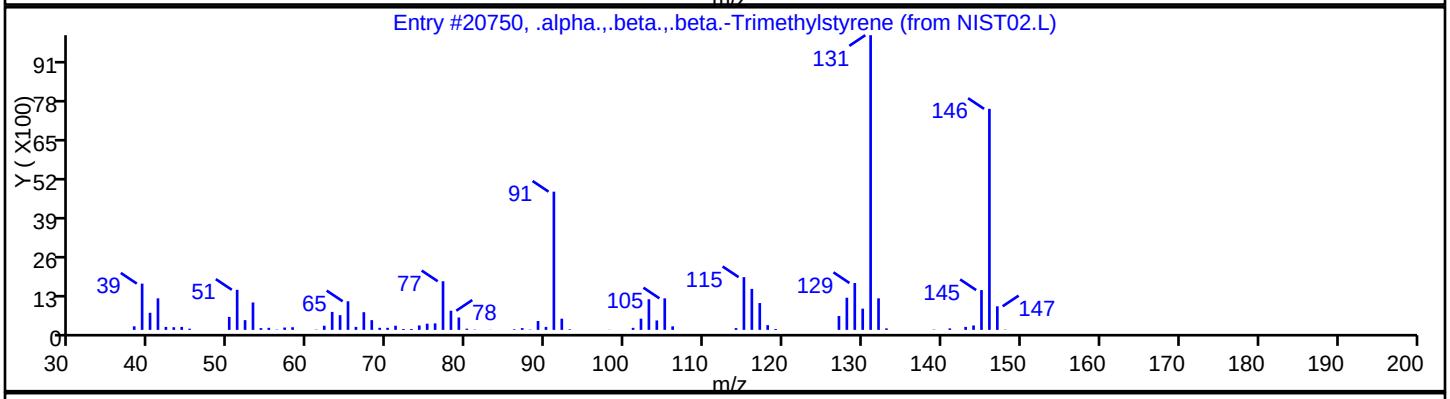
TestAmerica Edison

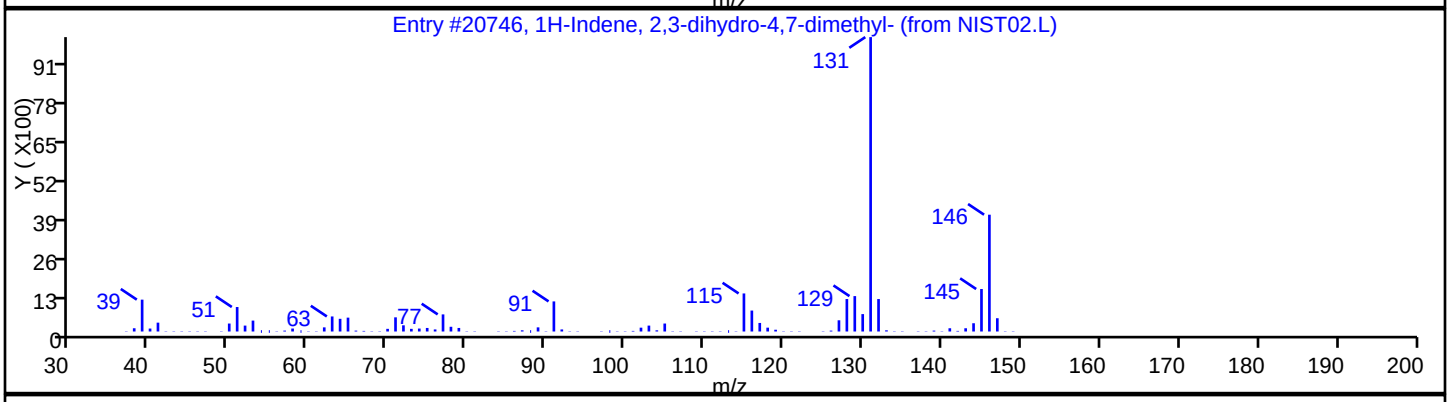
Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D

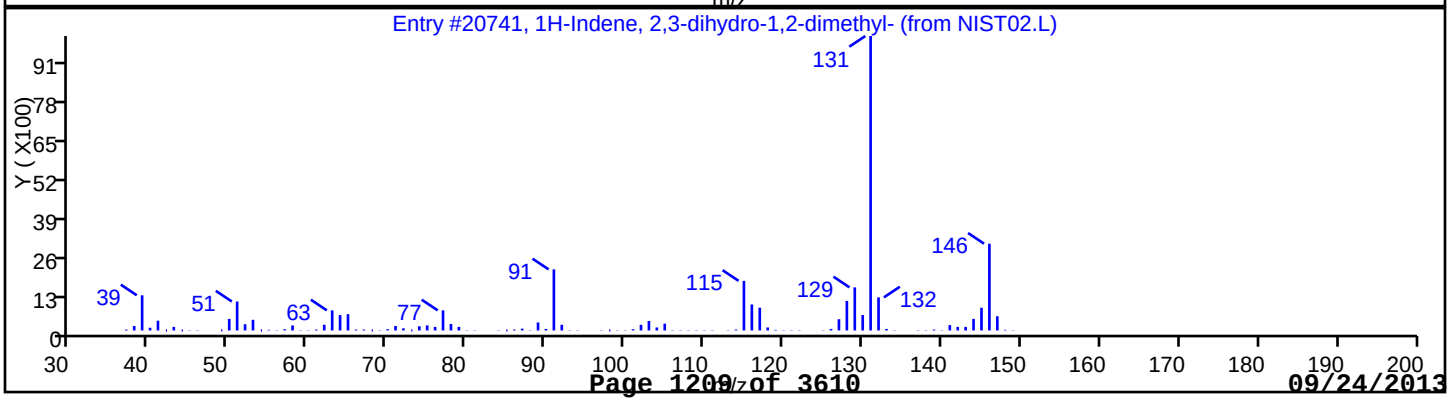
Injection Date:	17-Sep-2013 12:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
.alpha.,.beta.,.beta.-Trimethylstyrene	769-57-3	NIST02.L	20750	94
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20746	90
1H-Indene, 2,3-dihydro-1,2-dimethyl-	17057-82-8	NIST02.L	20741	81









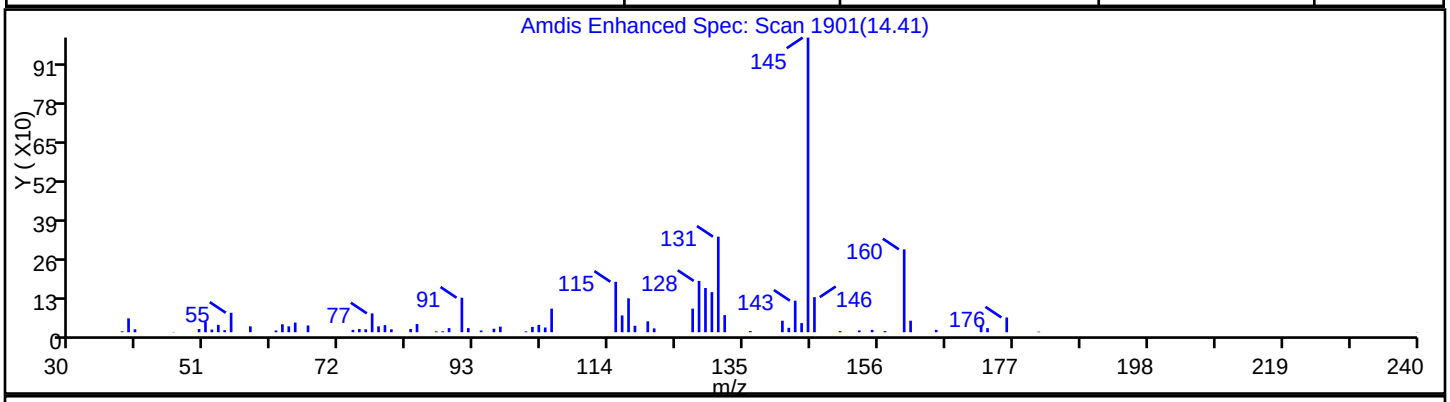
Report Date: 20-Sep-2013 14:22:08 Chrom Revision: 2.1 25-Jul-2013 20:19:50

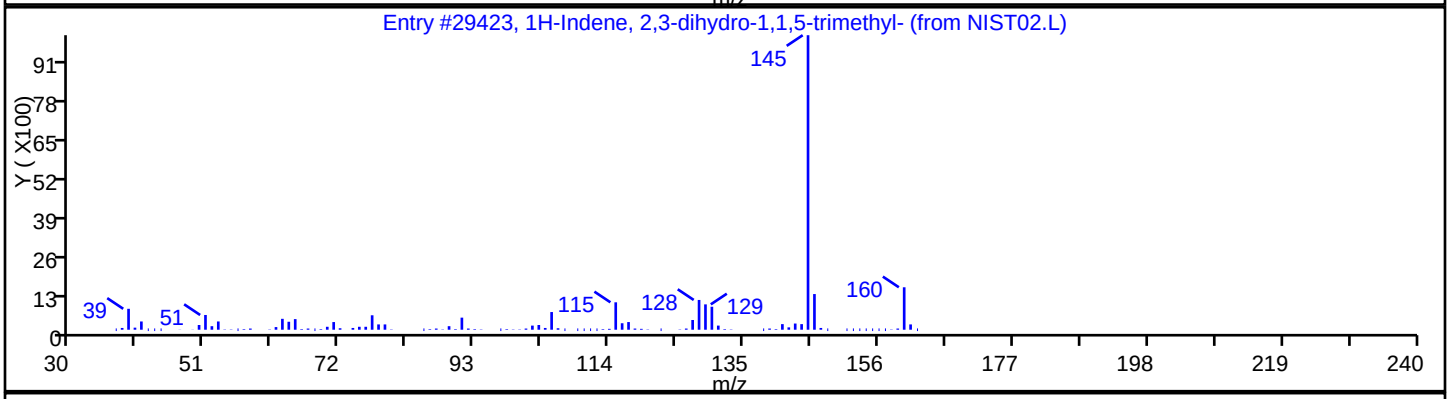
TestAmerica Edison

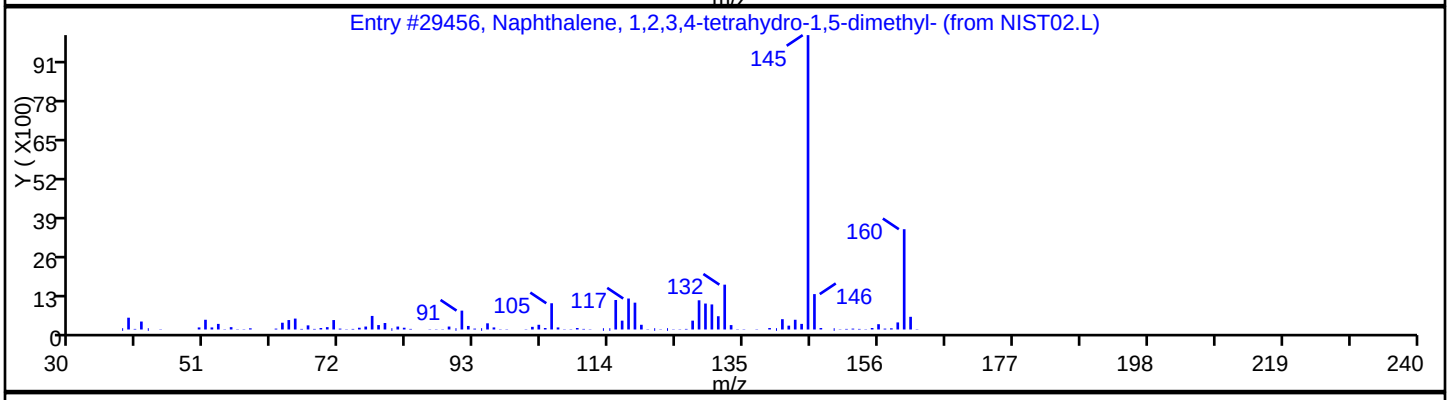
Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D

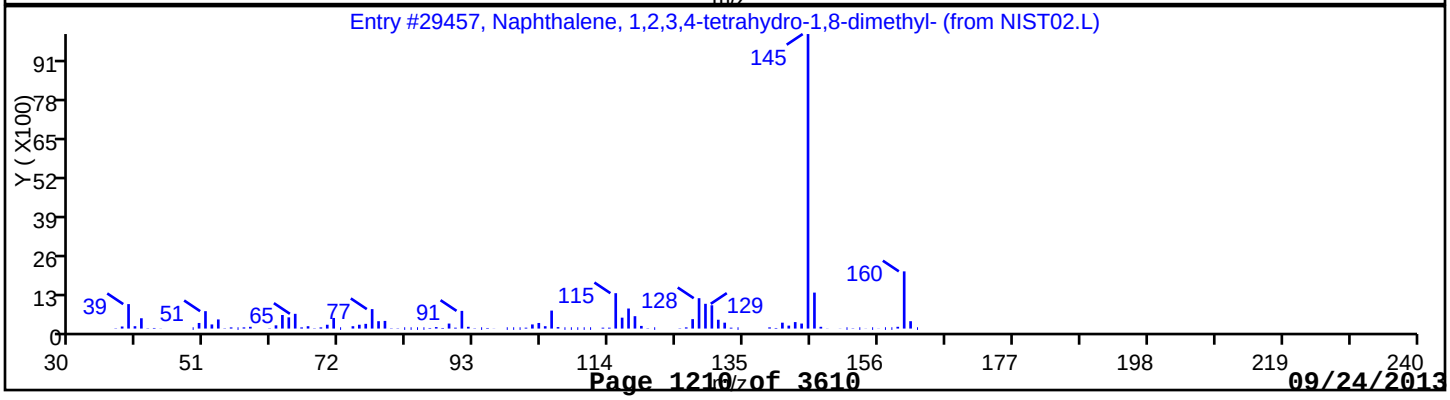
Injection Date:	17-Sep-2013 12:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	40650-41-7	NIST02.L	29423	90
Naphthalene, 1,2,3,4-tetrahydro-1,5-dime	21564-91-0	NIST02.L	29456	87
Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	25419-33-4	NIST02.L	29457	81









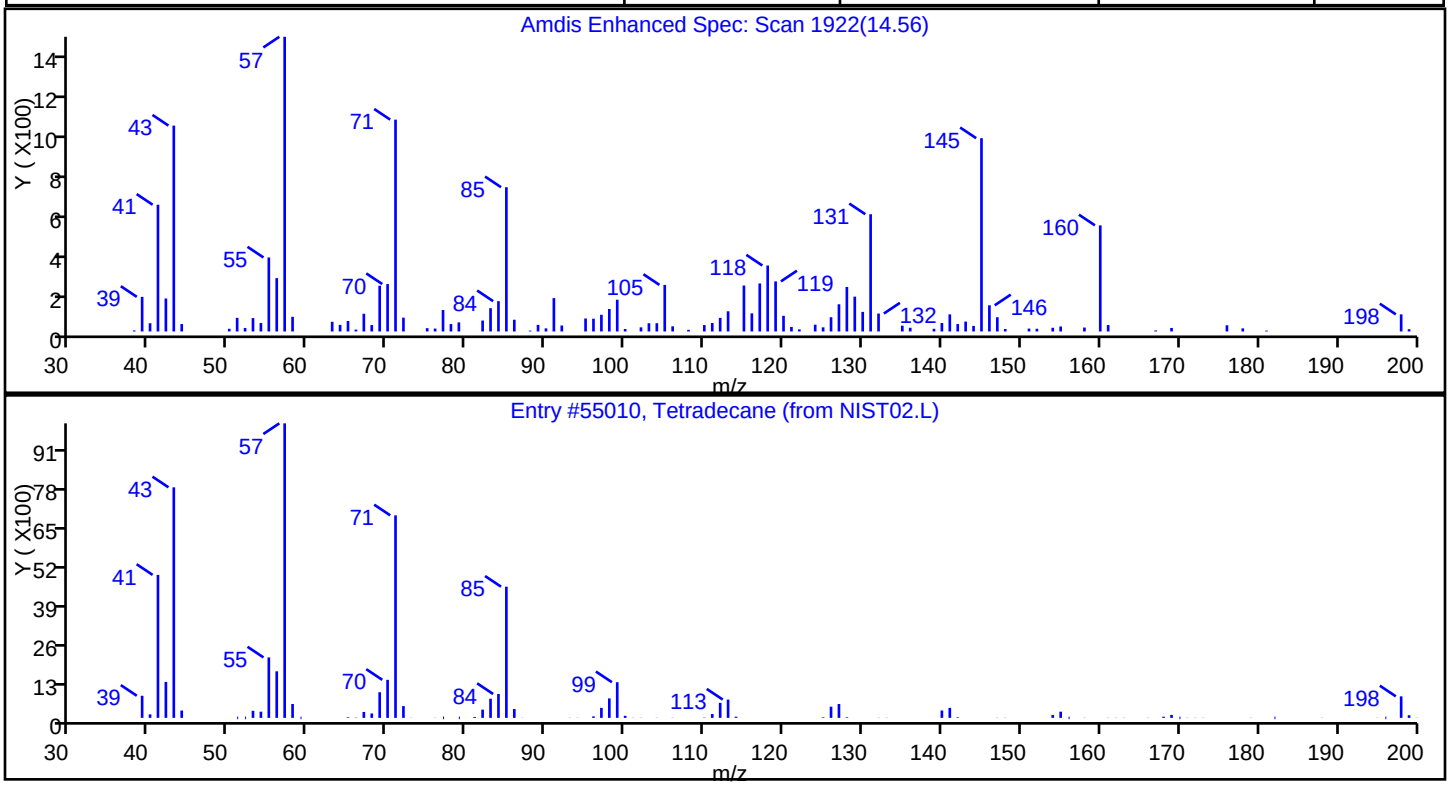
Report Date: 20-Sep-2013 14:22:08 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D

Injection Date:	17-Sep-2013 12:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tetradecane	629-59-4	NIST02.L	55010	93



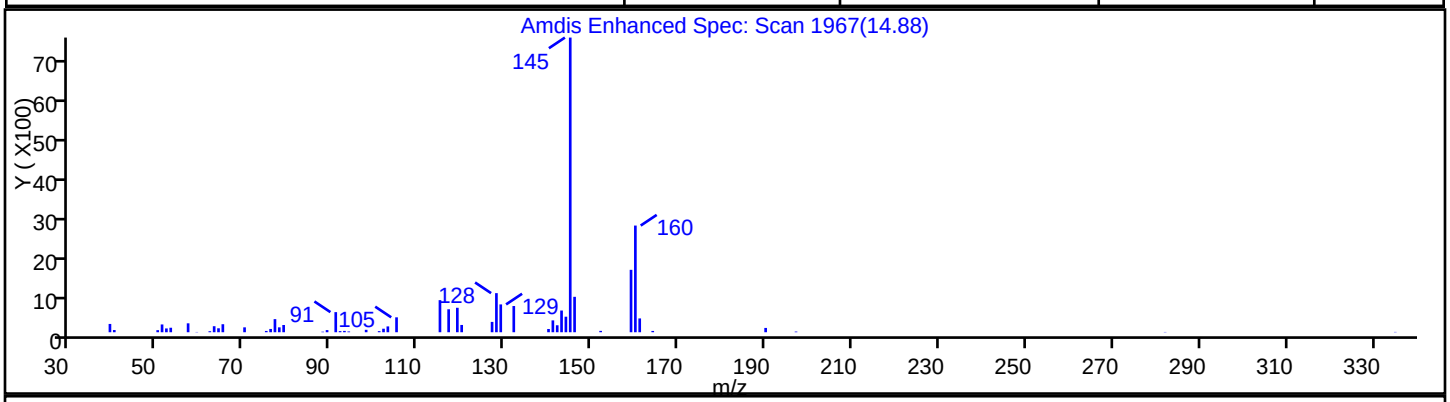
Report Date: 20-Sep-2013 14:22:08 Chrom Revision: 2.1 25-Jul-2013 20:19:50

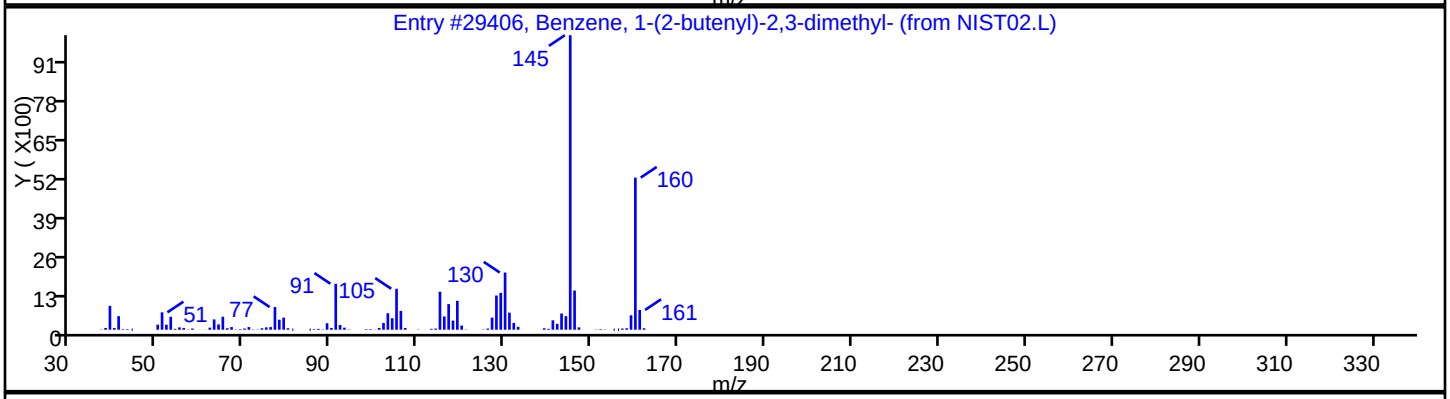
TestAmerica Edison

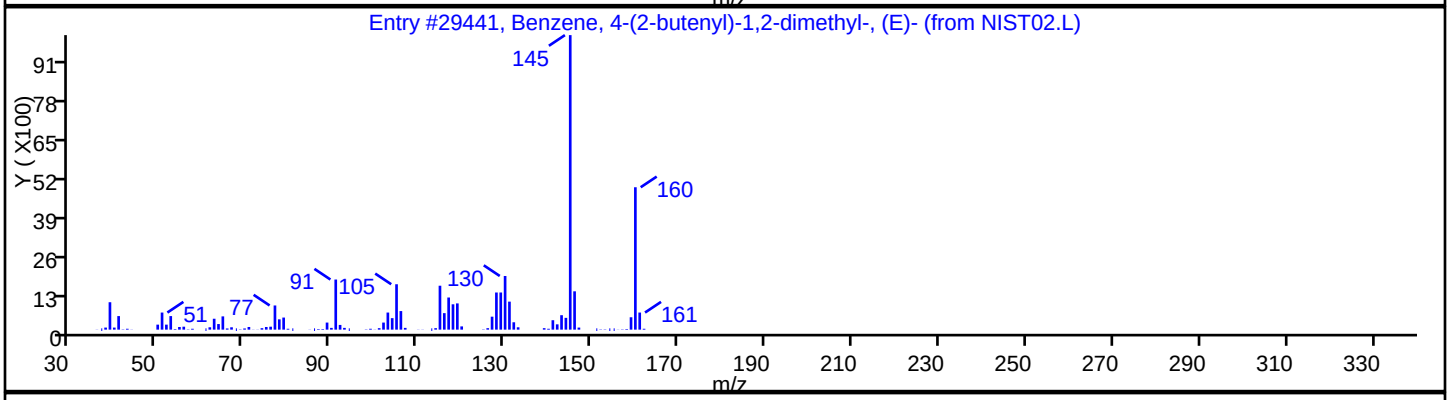
Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77955.D

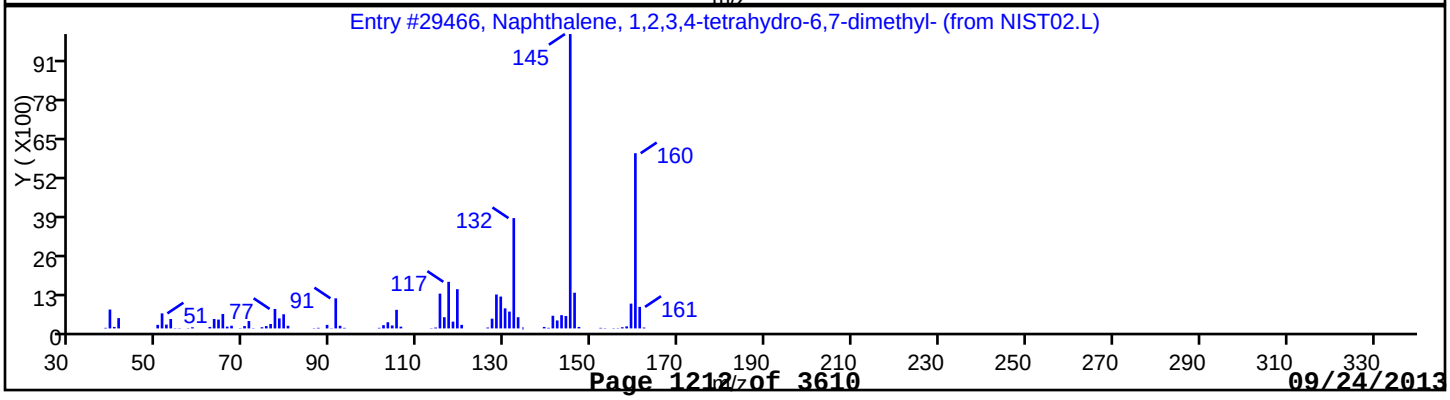
Injection Date:	17-Sep-2013 12:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-15SE-SD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	19
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-(2-butenyl)-2,3-dimethyl-	54340-85-1	NIST02.L	29406	93
Benzene, 4-(2-butenyl)-1,2-dimethyl-, (E	54340-86-2	NIST02.L	29441	93
Naphthalene, 1,2,3,4-tetrahydro-6,7-dime	1076-61-5	NIST02.L	29466	93









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-VS | Lab Sample ID: 460-62993-34

Matrix: Solid | Lab File ID: O77971.D

Analysis Method: 8260B | Date Collected: 09/13/2013 12:45

Sample wt/vol: 4.558(g) | Date Analyzed: 09/17/2013 19:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.1 | Level: (low/med) Low

Analysis Batch No.: 181813 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.18	U	1.2	0.18
74-83-9	Bromomethane	0.50	U	1.2	0.50
75-01-4	Vinyl chloride	0.39	U	1.2	0.39
75-00-3	Chloroethane	0.38	U	1.2	0.38
75-09-2	Methylene Chloride	0.17	U	1.2	0.17
67-64-1	Acetone	2.0	U	5.8	2.0
75-15-0	Carbon disulfide	0.17	U	1.2	0.17
75-69-4	Trichlorofluoromethane	0.18	U	1.2	0.18
75-35-4	1,1-Dichloroethene	0.22	U	1.2	0.22
75-34-3	1,1-Dichloroethane	0.13	U	1.2	0.13
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.2	0.15
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.2	0.13
67-66-3	Chloroform	0.28	U	1.2	0.28
78-93-3	2-Butanone	0.73	U	5.8	0.73
107-06-2	1,2-Dichloroethane	0.21	U	1.2	0.21
71-55-6	1,1,1-Trichloroethane	0.15	U	1.2	0.15
56-23-5	Carbon tetrachloride	0.17	U	1.2	0.17
71-43-2	Benzene	0.17	U	1.2	0.17
75-25-2	Bromoform	0.20	U	1.2	0.20
100-42-5	Styrene	0.32	U	1.2	0.32
100-41-4	Ethylbenzene	0.20	U	1.2	0.20
108-90-7	Chlorobenzene	0.21	U	1.2	0.21
110-82-7	Cyclohexane	0.15	U	1.2	0.15
98-82-8	Isopropylbenzene	0.13	U	1.2	0.13
591-78-6	2-Hexanone	0.15	U	5.8	0.15
1634-04-4	MTBE	0.13	U	1.2	0.13
76-13-1	Freon TF	0.13	U	1.2	0.13
79-20-9	Methyl acetate	0.37	U	1.2	0.37
123-91-1	1,4-Dioxane	15	U	23	15
79-01-6	Trichloroethene	0.14	U	1.2	0.14
108-88-3	Toluene	0.16	U	1.2	0.16
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
108-10-1	4-Methyl-2-pentanone	0.23	U	5.8	0.23
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.2	0.16
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12
541-73-1	1,3-Dichlorobenzene	0.18	U	1.2	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-VS | Lab Sample ID: 460-62993-34

Matrix: Solid | Lab File ID: O77971.D

Analysis Method: 8260B | Date Collected: 09/13/2013 12:45

Sample wt/vol: 4.558(g) | Date Analyzed: 09/17/2013 19:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.1 | Level: (low/med) Low

Analysis Batch No.: 181813 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.13	U	1.2	0.13
120-82-1	1,2,4-Trichlorobenzene	0.22	U	1.2	0.22
87-61-6	1,2,3-Trichlorobenzene	0.18	U	1.2	0.18
78-87-5	1,2-Dichloropropane	0.17	U	1.2	0.17
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
127-18-4	Tetrachloroethene	0.14	U	1.2	0.14
1330-20-7	Xylenes, Total	0.77	U	3.5	0.77
96-12-8	1,2-Dibromo-3-Chloropropane	0.51	U	1.2	0.51
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	1.2	0.10
79-00-5	1,1,2-Trichloroethane	0.16	U	1.2	0.16
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
106-93-4	1,2-Dibromoethane	0.17	U	1.2	0.17
75-71-8	Dichlorodifluoromethane	0.25	U	1.2	0.25
74-97-5	Bromochloromethane	0.13	U	1.2	0.13
75-27-4	Bromodichloromethane	0.37	U	1.2	0.37

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-130
2037-26-5	Toluene-d8 (Surr)	107		70-130
460-00-4	Bromofluorobenzene	98		70-130
1868-53-7	Dibromofluoromethane (Surr)	104		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-VS Lab Sample ID: 460-62993-34

Matrix: Solid Lab File ID: O77971.D

Analysis Method: 8260B Date Collected: 09/13/2013 12:45

Sample wt/vol: 4.558(g) Date Analyzed: 09/17/2013 19:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.1 Level: (low/med) Low

Analysis Batch No.: 181813 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77971.D		
Lims ID:	460-62993-B-34-A	Client ID:	PMP-31SE-VS
Inject. Date:	17-Sep-2013 19:22:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-B-34-A		
Misc. Info.:	460-0004727-010		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	9
Lims Batch ID:	181813	Lims Sample ID:	10
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\8260S_12.m		
Last Update:	20-Sep-2013 15:29:19	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK026		
First Level Reviewer: tupayachia		Date:	18-Sep-2013 11:37:10

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	1.897	1.904	-0.007	91	226236	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	97	87395	52.1	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.358	0.0	88	85623	57.8	
* 59 Fluorobenzene	96	3.659	3.652	0.007	100	363657	50.0	
* 150 1,4-Dioxane-d8	96	4.340	4.361	-0.021	84	21991	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	98	372056	53.4	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	348270	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	94	133223	48.9	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	196579	50.0	

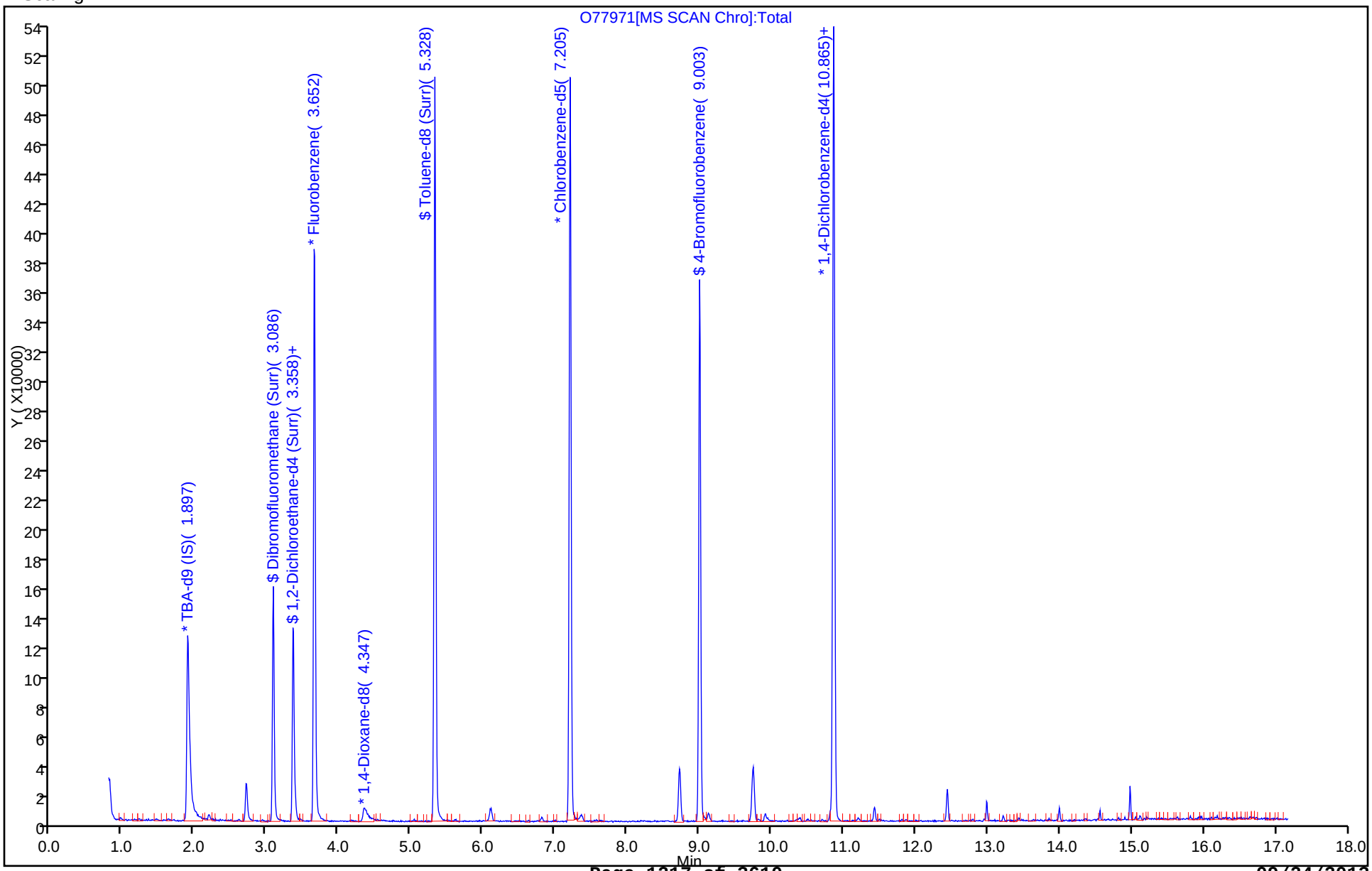
Report Date: 20-Sep-2013 15:36:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77971.D

Injection Date:	17-Sep-2013 19:22:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-31SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	10
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-VD | Lab Sample ID: 460-62993-35

Matrix: Solid | Lab File ID: O77957.D

Analysis Method: 8260B | Date Collected: 09/13/2013 12:50

Sample wt/vol: 5.64(g) | Date Analyzed: 09/17/2013 13:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.3 | Level: (low/med) Low

Analysis Batch No.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.94	0.15
74-83-9	Bromomethane	0.40	U	0.94	0.40
75-01-4	Vinyl chloride	0.32	U	0.94	0.32
75-00-3	Chloroethane	0.31	U	0.94	0.31
75-09-2	Methylene Chloride	0.14	U	0.94	0.14
67-64-1	Acetone	1.6	U	4.7	1.6
75-15-0	Carbon disulfide	0.14	U	0.94	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.94	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.94	0.18
75-34-3	1,1-Dichloroethane	0.10	U	0.94	0.10
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.94	0.12
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.94	0.10
67-66-3	Chloroform	0.22	U	0.94	0.22
78-93-3	2-Butanone	0.59	U	4.7	0.59
107-06-2	1,2-Dichloroethane	0.17	U	0.94	0.17
71-55-6	1,1,1-Trichloroethane	0.12	U	0.94	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.94	0.14
71-43-2	Benzene	0.14	U	0.94	0.14
75-25-2	Bromoform	0.16	U	0.94	0.16
100-42-5	Styrene	0.26	U	0.94	0.26
100-41-4	Ethylbenzene	0.16	U	0.94	0.16
108-90-7	Chlorobenzene	0.17	U	0.94	0.17
110-82-7	Cyclohexane	0.12	U	0.94	0.12
98-82-8	Isopropylbenzene	0.10	U	0.94	0.10
591-78-6	2-Hexanone	0.12	U	4.7	0.12
1634-04-4	MTBE	0.10	U	0.94	0.10
76-13-1	Freon TF	0.10	U	0.94	0.10
79-20-9	Methyl acetate	0.30	U	0.94	0.30
123-91-1	1,4-Dioxane	12	U	19	12
79-01-6	Trichloroethene	0.11	U	0.94	0.11
108-88-3	Toluene	0.13	U	0.94	0.13
10061-02-6	trans-1,3-Dichloropropene	0.094	U	0.94	0.094
108-10-1	4-Methyl-2-pentanone	0.19	U	4.7	0.19
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.94	0.13
95-50-1	1,2-Dichlorobenzene	0.094	U	0.94	0.094
541-73-1	1,3-Dichlorobenzene	0.15	U	0.94	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-VD | Lab Sample ID: 460-62993-35

Matrix: Solid | Lab File ID: O77957.D

Analysis Method: 8260B | Date Collected: 09/13/2013 12:50

Sample wt/vol: 5.64(g) | Date Analyzed: 09/17/2013 13:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.3 | Level: (low/med) Low

Analysis Batch No.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.42	J	0.94	0.10
120-82-1	1,2,4-Trichlorobenzene	0.18	U	0.94	0.18
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.94	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.94	0.14
108-87-2	Methylcyclohexane	0.094	U	0.94	0.094
127-18-4	Tetrachloroethene	0.11	U	0.94	0.11
1330-20-7	Xylenes, Total	0.63	U	2.8	0.63
96-12-8	1,2-Dibromo-3-Chloropropane	0.41	U *	0.94	0.41
79-34-5	1,1,2,2-Tetrachloroethane	0.084	U	0.94	0.084
79-00-5	1,1,2-Trichloroethane	0.13	U	0.94	0.13
124-48-1	Dibromochloromethane	0.094	U	0.94	0.094
106-93-4	1,2-Dibromoethane	0.14	U	0.94	0.14
75-71-8	Dichlorodifluoromethane	0.21	U	0.94	0.21
74-97-5	Bromochloromethane	0.10	U	0.94	0.10
75-27-4	Bromodichloromethane	0.30	U	0.94	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	123		70-130
2037-26-5	Toluene-d8 (Surr)	111		70-130
460-00-4	Bromofluorobenzene	104		70-130
1868-53-7	Dibromofluoromethane (Surr)	106		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-VD Lab Sample ID: 460-62993-35

Matrix: Solid Lab File ID: O77957.D

Analysis Method: 8260B Date Collected: 09/13/2013 12:50

Sample wt/vol: 5.64(g) Date Analyzed: 09/17/2013 13:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.3 Level: (low/med) Low

Analysis Batch No.: 181663 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77957.D		
Lims ID:	460-62993-A-35-A	Client ID:	PMP-31SE-VD
Inject. Date:	17-Sep-2013 13:27:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-35-A		
Misc. Info.:	460-0004695-021		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	20
Lims Batch ID:	181663	Lims Sample ID:	21
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\8260S_12.m		
Last Update:	17-Sep-2013 18:07:15	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK036		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 18:07:15

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	1.897	1.911	-0.014	92	270156	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	96	90151	52.9	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.366	-0.008	88	92630	61.6	
* 59 Fluorobenzene	96	3.659	3.659	0.0	99	369248	50.0	
* 150 1,4-Dioxane-d8	96	4.347	4.347	0.0	84	22928	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	399000	55.5	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	359087	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	93	146544	52.1	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	200731	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	52	3143	0.4508	

Report Date: 17-Sep-2013 18:07:16 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77957.D

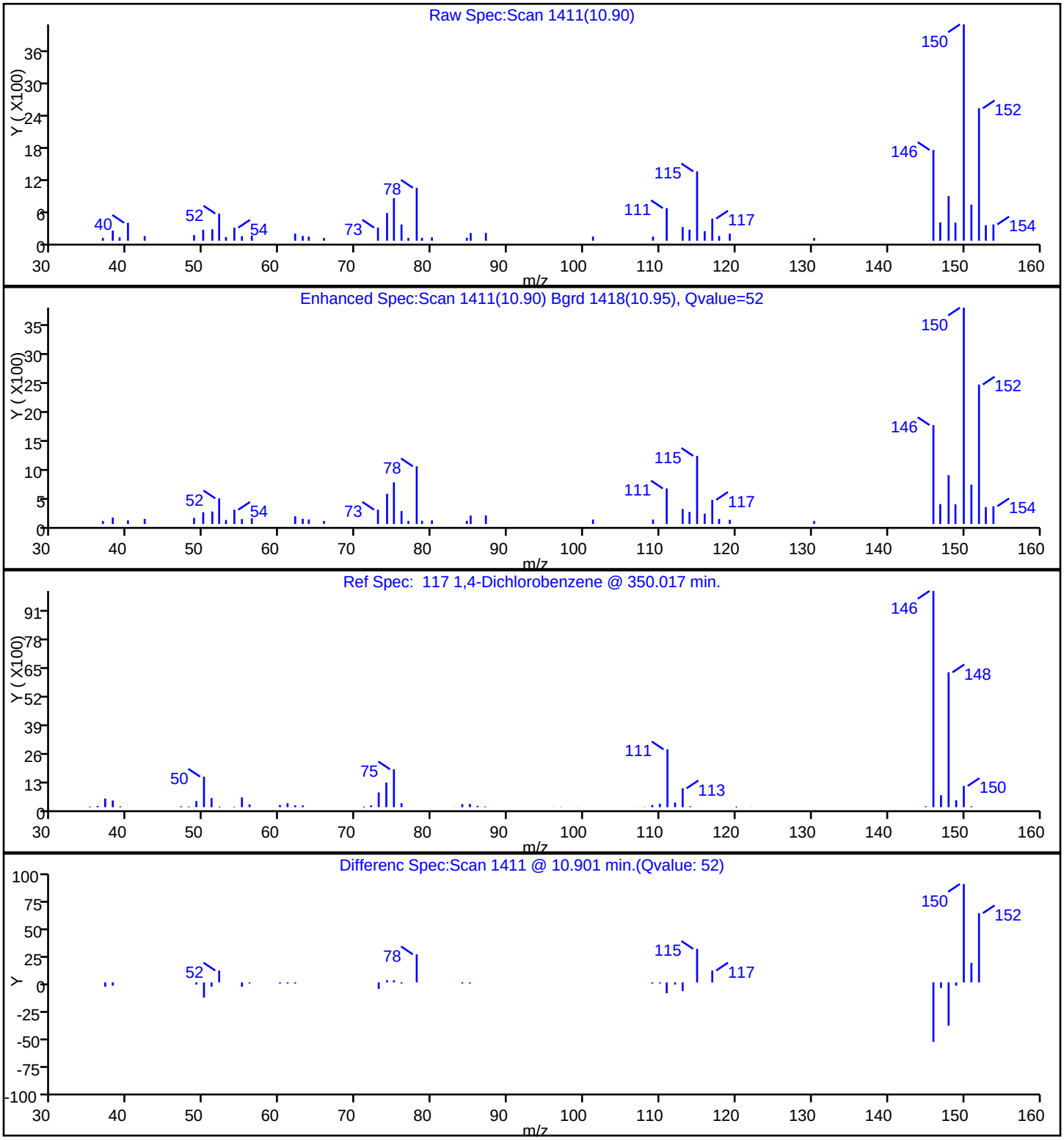
Injection Date:	17-Sep-2013 13:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-31SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	21
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77957.D		
Injection Date:	17-Sep-2013 13:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-31SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	21
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-WT | Lab Sample ID: 460-62993-36

Matrix: Solid | Lab File ID: O77958.D

Analysis Method: 8260B | Date Collected: 09/13/2013 12:55

Sample wt/vol: 7.742(g) | Date Analyzed: 09/17/2013 13:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.3 | Level: (low/med) Low

Analysis Batch No.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.12	U	0.72	0.12
74-83-9	Bromomethane	0.31	U	0.72	0.31
75-01-4	Vinyl chloride	0.24	U	0.72	0.24
75-00-3	Chloroethane	0.24	U	0.72	0.24
75-09-2	Methylene Chloride	0.11	U	0.72	0.11
67-64-1	Acetone	2.0	J B	3.6	1.2
75-15-0	Carbon disulfide	0.11	U	0.72	0.11
75-69-4	Trichlorofluoromethane	0.12	U	0.72	0.12
75-35-4	1,1-Dichloroethene	0.14	U	0.72	0.14
75-34-3	1,1-Dichloroethane	0.079	U	0.72	0.079
156-60-5	trans-1,2-Dichloroethene	0.094	U	0.72	0.094
156-59-2	cis-1,2-Dichloroethene	0.079	U	0.72	0.079
67-66-3	Chloroform	0.17	U	0.72	0.17
78-93-3	2-Butanone	0.45	U	3.6	0.45
107-06-2	1,2-Dichloroethane	0.13	U	0.72	0.13
71-55-6	1,1,1-Trichloroethane	0.094	U	0.72	0.094
56-23-5	Carbon tetrachloride	0.11	U	0.72	0.11
71-43-2	Benzene	0.11	U	0.72	0.11
75-25-2	Bromoform	0.12	U	0.72	0.12
100-42-5	Styrene	0.20	U	0.72	0.20
100-41-4	Ethylbenzene	0.12	U	0.72	0.12
108-90-7	Chlorobenzene	0.13	U	0.72	0.13
110-82-7	Cyclohexane	0.094	U	0.72	0.094
98-82-8	Isopropylbenzene	0.079	U	0.72	0.079
591-78-6	2-Hexanone	0.094	U	3.6	0.094
1634-04-4	MTBE	0.079	U	0.72	0.079
76-13-1	Freon TF	0.079	U	0.72	0.079
79-20-9	Methyl acetate	0.23	U	0.72	0.23
123-91-1	1,4-Dioxane	9.1	U	14	9.1
79-01-6	Trichloroethene	0.086	U	0.72	0.086
108-88-3	Toluene	0.10	U	0.72	0.10
10061-02-6	trans-1,3-Dichloropropene	0.072	U	0.72	0.072
108-10-1	4-Methyl-2-pentanone	0.14	U	3.6	0.14
10061-01-5	cis-1,3-Dichloropropene	0.10	U	0.72	0.10
95-50-1	1,2-Dichlorobenzene	0.072	U	0.72	0.072
541-73-1	1,3-Dichlorobenzene	0.12	U	0.72	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-WT | Lab Sample ID: 460-62993-36

Matrix: Solid | Lab File ID: O77958.D

Analysis Method: 8260B | Date Collected: 09/13/2013 12:55

Sample wt/vol: 7.742(g) | Date Analyzed: 09/17/2013 13:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.3 | Level: (low/med) Low

Analysis Batch No.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.44	J	0.72	0.079
120-82-1	1,2,4-Trichlorobenzene	0.14	U	0.72	0.14
87-61-6	1,2,3-Trichlorobenzene	0.12	U	0.72	0.12
78-87-5	1,2-Dichloropropane	0.11	U	0.72	0.11
108-87-2	Methylcyclohexane	0.072	U	0.72	0.072
127-18-4	Tetrachloroethene	0.086	U	0.72	0.086
1330-20-7	Xylenes, Total	0.48	U	2.2	0.48
96-12-8	1,2-Dibromo-3-Chloropropane	0.32	U *	0.72	0.32
79-34-5	1,1,2,2-Tetrachloroethane	0.065	U	0.72	0.065
79-00-5	1,1,2-Trichloroethane	0.10	U	0.72	0.10
124-48-1	Dibromochloromethane	0.072	U	0.72	0.072
106-93-4	1,2-Dibromoethane	0.11	U	0.72	0.11
75-71-8	Dichlorodifluoromethane	0.16	U	0.72	0.16
74-97-5	Bromochloromethane	0.079	U	0.72	0.079
75-27-4	Bromodichloromethane	0.23	U	0.72	0.23

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-130
2037-26-5	Toluene-d8 (Surr)	108		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	104		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-WT Lab Sample ID: 460-62993-36

Matrix: Solid Lab File ID: O77958.D

Analysis Method: 8260B Date Collected: 09/13/2013 12:55

Sample wt/vol: 7.742(g) Date Analyzed: 09/17/2013 13:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.3 Level: (low/med) Low

Analysis Batch No.: 181663 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77958.D		
Lims ID:	460-62993-A-36-A	Client ID:	PMP-31SE-WT
Inject. Date:	17-Sep-2013 13:52:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-36-A		
Misc. Info.:	460-0004695-022		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	21
Lims Batch ID:	181663	Lims Sample ID:	22
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\8260S_12.m		
Last Update:	17-Sep-2013 18:07:51	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK036		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 18:07:51

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.625	1.632	-0.007	61	4120	2.80	
* 151 TBA-d9 (IS)	65	1.897	1.911	-0.014	87	254629	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	97	89973	51.8	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.359	3.366	-0.007	87	89135	58.2	
* 59 Fluorobenzene	96	3.659	3.659	0.0	99	376341	50.0	
* 150 1,4-Dioxane-d8	96	4.369	4.347	0.022	82	21659	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	395620	54.2	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	364653	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	93	140761	49.3	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	210984	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	66	4466	0.6095	

Report Date: 17-Sep-2013 18:07:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77958.D

Injection Date:	17-Sep-2013 13:52:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-31SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	22
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:

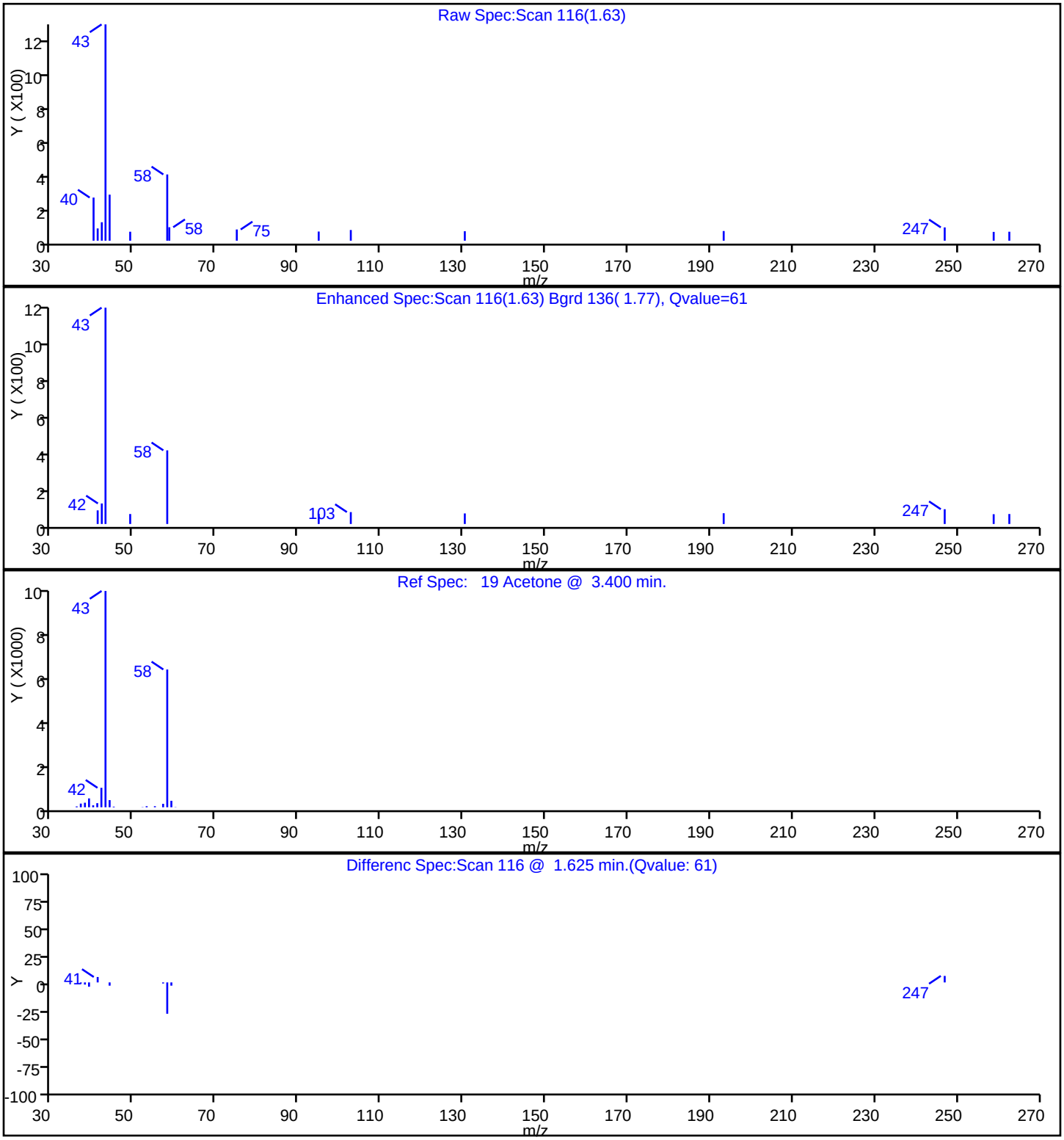
Report Date: 17-Sep-2013 18:07:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77958.D

Injection Date:	17-Sep-2013 13:52:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-31SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	22
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



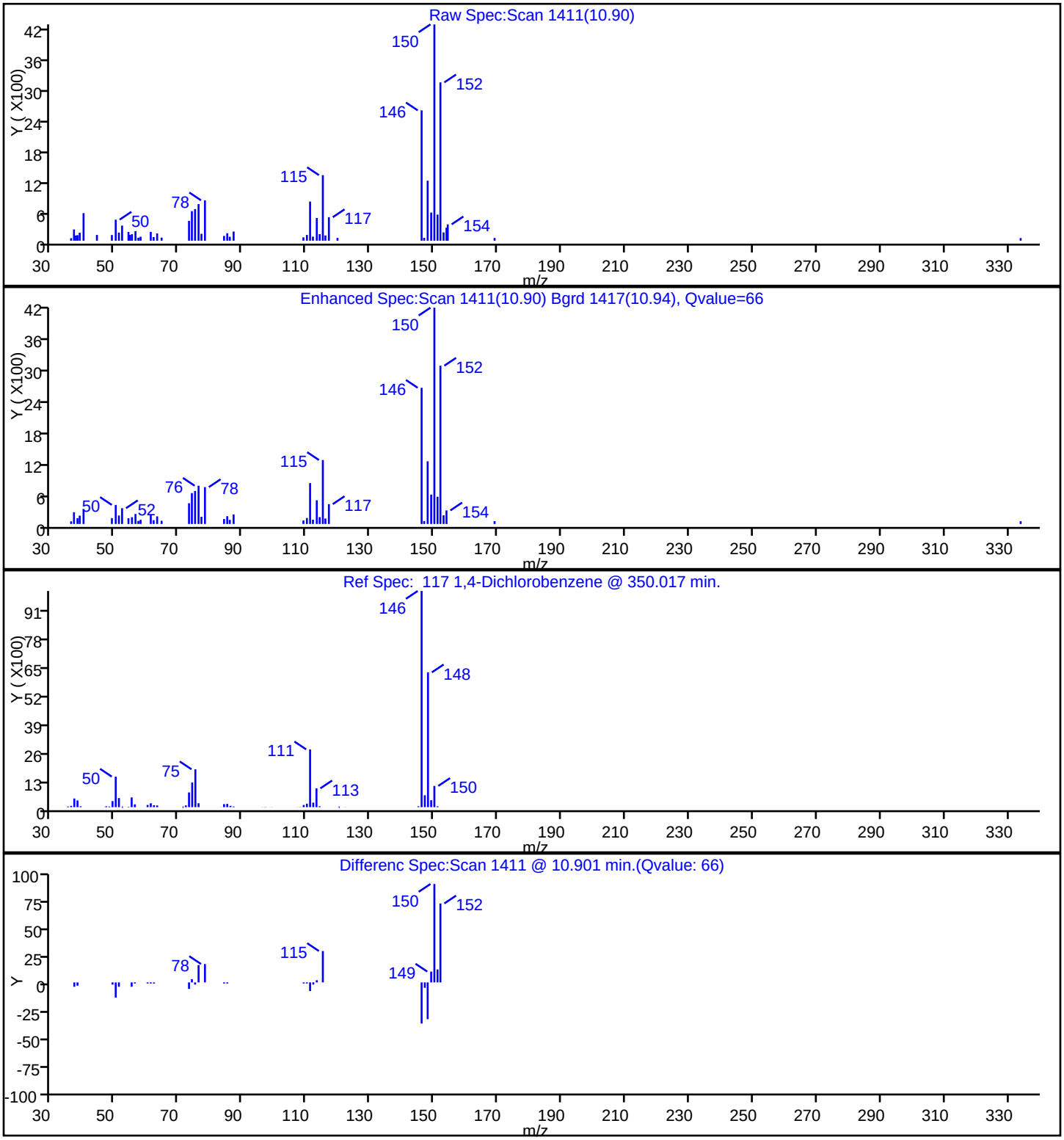
Report Date: 17-Sep-2013 18:07:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77958.D

Injection Date:	17-Sep-2013 13:52:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-31SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	22
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-VS | Lab Sample ID: 460-62993-37

Matrix: Solid | Lab File ID: O77959.D

Analysis Method: 8260B | Date Collected: 09/13/2013 12:30

Sample wt/vol: 4.869(g) | Date Analyzed: 09/17/2013 14:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.4 | Level: (low/med) Low

Analysis Batch No.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.17	U	1.1	0.17
74-83-9	Bromomethane	0.46	U	1.1	0.46
75-01-4	Vinyl chloride	0.36	U	1.1	0.36
75-00-3	Chloroethane	0.35	U	1.1	0.35
75-09-2	Methylene Chloride	0.16	U	1.1	0.16
67-64-1	Acetone	130	B	5.3	1.8
75-15-0	Carbon disulfide	0.16	U	1.1	0.16
75-69-4	Trichlorofluoromethane	0.17	U	1.1	0.17
75-35-4	1,1-Dichloroethene	0.20	U	1.1	0.20
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
156-60-5	trans-1,2-Dichloroethene	0.14	U	1.1	0.14
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
67-66-3	Chloroform	0.26	U	1.1	0.26
78-93-3	2-Butanone	2.8	J	5.3	0.67
107-06-2	1,2-Dichloroethane	0.19	U	1.1	0.19
71-55-6	1,1,1-Trichloroethane	0.14	U	1.1	0.14
56-23-5	Carbon tetrachloride	0.16	U	1.1	0.16
71-43-2	Benzene	0.16	U	1.1	0.16
75-25-2	Bromoform	0.18	U	1.1	0.18
100-42-5	Styrene	1.7		1.1	0.30
100-41-4	Ethylbenzene	0.18	U	1.1	0.18
108-90-7	Chlorobenzene	0.19	U	1.1	0.19
110-82-7	Cyclohexane	0.14	U	1.1	0.14
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
591-78-6	2-Hexanone	0.14	U	5.3	0.14
1634-04-4	MTBE	0.12	U	1.1	0.12
76-13-1	Freon TF	0.12	U	1.1	0.12
79-20-9	Methyl acetate	7.2		1.1	0.34
123-91-1	1,4-Dioxane	13	U	21	13
79-01-6	Trichloroethene	0.13	U	1.1	0.13
108-88-3	Toluene	0.15	U	1.1	0.15
10061-02-6	trans-1,3-Dichloropropene	0.11	U	1.1	0.11
108-10-1	4-Methyl-2-pentanone	0.21	U	5.3	0.21
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.1	0.15
95-50-1	1,2-Dichlorobenzene	0.11	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	0.17	U	1.1	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-VS | Lab Sample ID: 460-62993-37

Matrix: Solid | Lab File ID: O77959.D

Analysis Method: 8260B | Date Collected: 09/13/2013 12:30

Sample wt/vol: 4.869(g) | Date Analyzed: 09/17/2013 14:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.4 | Level: (low/med) Low

Analysis Batch No.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.12	U	1.1	0.12
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1.1	0.20
87-61-6	1,2,3-Trichlorobenzene	0.17	U	1.1	0.17
78-87-5	1,2-Dichloropropane	0.16	U	1.1	0.16
108-87-2	Methylcyclohexane	0.11	U	1.1	0.11
127-18-4	Tetrachloroethene	0.13	U	1.1	0.13
1330-20-7	Xylenes, Total	0.71	U	3.2	0.71
96-12-8	1,2-Dibromo-3-Chloropropane	0.47	U *	1.1	0.47
79-34-5	1,1,2,2-Tetrachloroethane	0.096	U	1.1	0.096
79-00-5	1,1,2-Trichloroethane	0.15	U	1.1	0.15
124-48-1	Dibromochloromethane	0.11	U	1.1	0.11
106-93-4	1,2-Dibromoethane	0.16	U	1.1	0.16
75-71-8	Dichlorodifluoromethane	0.23	U	1.1	0.23
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.34	U	1.1	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		70-130
2037-26-5	Toluene-d8 (Surr)	110		70-130
460-00-4	Bromofluorobenzene	100		70-130
1868-53-7	Dibromofluoromethane (Surr)	103		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-VS Lab Sample ID: 460-62993-37

Matrix: Solid Lab File ID: O77959.D

Analysis Method: 8260B Date Collected: 09/13/2013 12:30

Sample wt/vol: 4.869(g) Date Analyzed: 09/17/2013 14:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.4 Level: (low/med) Low

Analysis Batch No.: 181663 Units: ug/Kg

Number TICs Found: 5 TIC Result Total: 464.6

CAS NO.	COMPOUND NAME	RT	RESULT	Q
64-17-5	Ethanol	1.42	22	J N
7785-26-4	1S-.alpha.-Pinene	8.72	72	J N
5794-04-7	Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-me	9.13	8.6	J N
100-52-7	Benzaldehyde	10.35	320	J N
87-44-5	Caryophyllene	15.06	42	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77959.D		
Lims ID:	460-62993-A-37-A	Client ID:	PMP-32SE-VS
Inject. Date:	17-Sep-2013 14:17:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-37-A		
Misc. Info.:	460-0004695-023		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	22
Lims Batch ID:	181663	Lims Sample ID:	23
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\8260S_12.m		
Last Update:	20-Sep-2013 14:27:03	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK016		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 18:09:08

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.632	1.632	0.0	87	56756	118.4	
23 Methyl acetate	43	1.811	1.811	0.0	92	10999	6.81	
* 151 TBA-d9 (IS)	65	1.897	1.911	-0.014	91	277911	1000.0	
43 2-Butanone (MEK)	72	2.735	2.742	-0.007	82	1033	2.68	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	97	90146	51.3	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.366	-0.008	88	91740	59.1	
* 59 Fluorobenzene	96	3.659	3.659	0.0	100	380933	50.0	
* 150 1,4-Dioxane-d8	96	4.361	4.347	0.014	79	22092	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	98	388435	54.9	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	353668	50.0	
94 Styrene	104	8.236	8.236	0.0	94	13822	1.59	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	94	137933	49.8	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	202017	50.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77959.D		
Lims ID:	460-62993-A-37-A	Client ID:	PMP-32SE-VS
Inject. Date:	17-Sep-2013 14:17:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-37-A		
Misc. Info.:	460-0004695-023		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	22
Lims Batch ID:	181663	Lims Sample ID:	23
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\8260S_12.m		
Last Update:	20-Sep-2013 14:27:03	Calib Date:	06-Aug-2013 22:09:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	40		
Process Host:	XAWRK016		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 18:09:08

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	64-17-5 Ethanol					
1.424	301734	20.3	59	90	90	
	7785-26-4 1S-.alpha.-Pinene					
8.724	1319605	68.1	87	97	15160	
	5794-04-7 Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-me					
9.132	156114	8.06	87	98	15363	
	100-52-7 Benzaldehyde					
10.350	5786476	298.7	87	96	4944	
	87-44-5 Caryophyllene					
15.056	763424	39.4	87	98	58637	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 59 Fluorobenzene	3.659	742458	50.0
* 87 Chlorobenzene-d5	7.205	968536	50.0

QC Flag Legend

Processing Flags

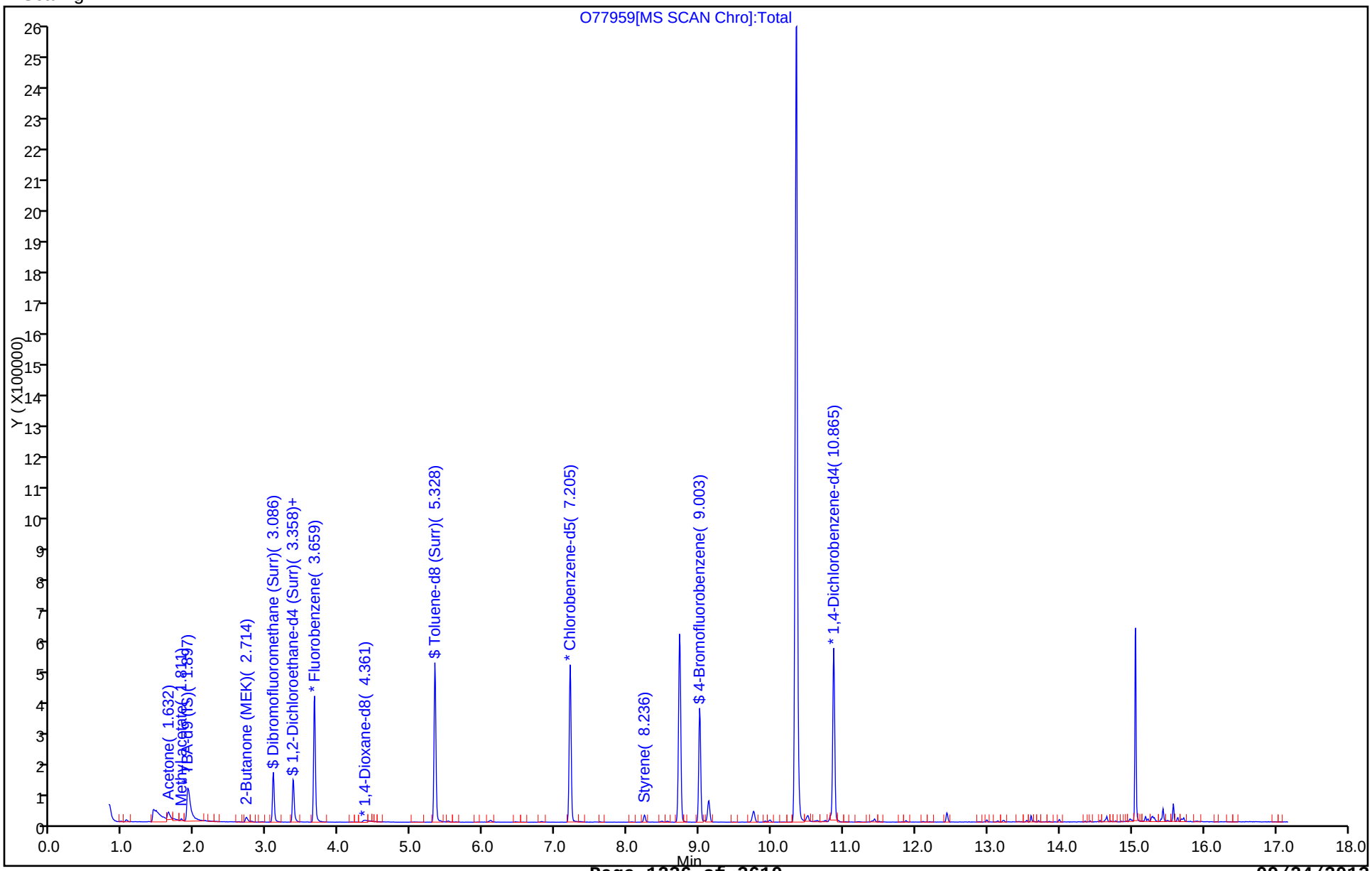
Report Date: 20-Sep-2013 14:27:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77959.D

Injection Date:	17-Sep-2013 14:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	23
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



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TestAmerica Edison

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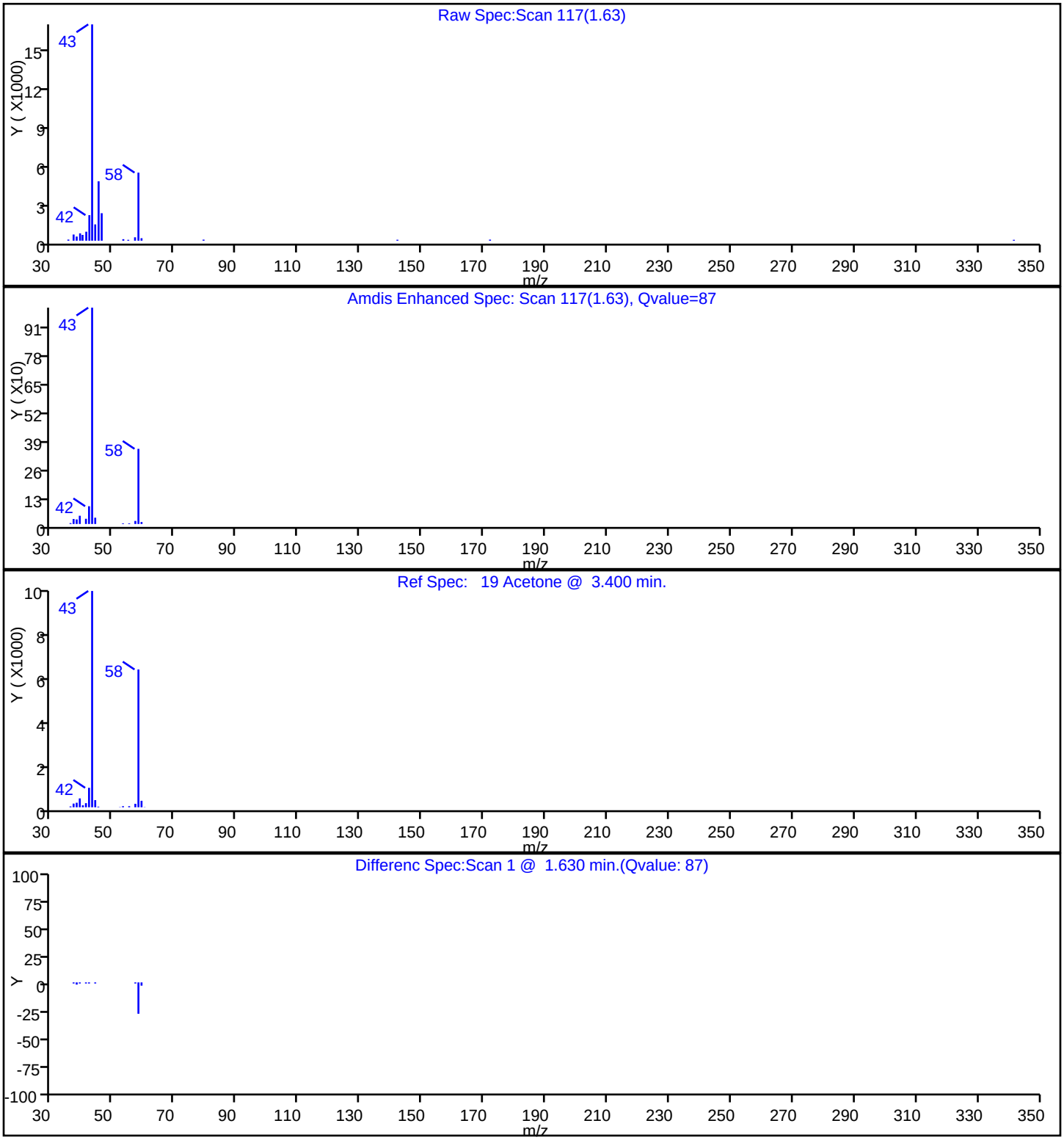
Injection Date:	17-Sep-2013 14:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	23
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



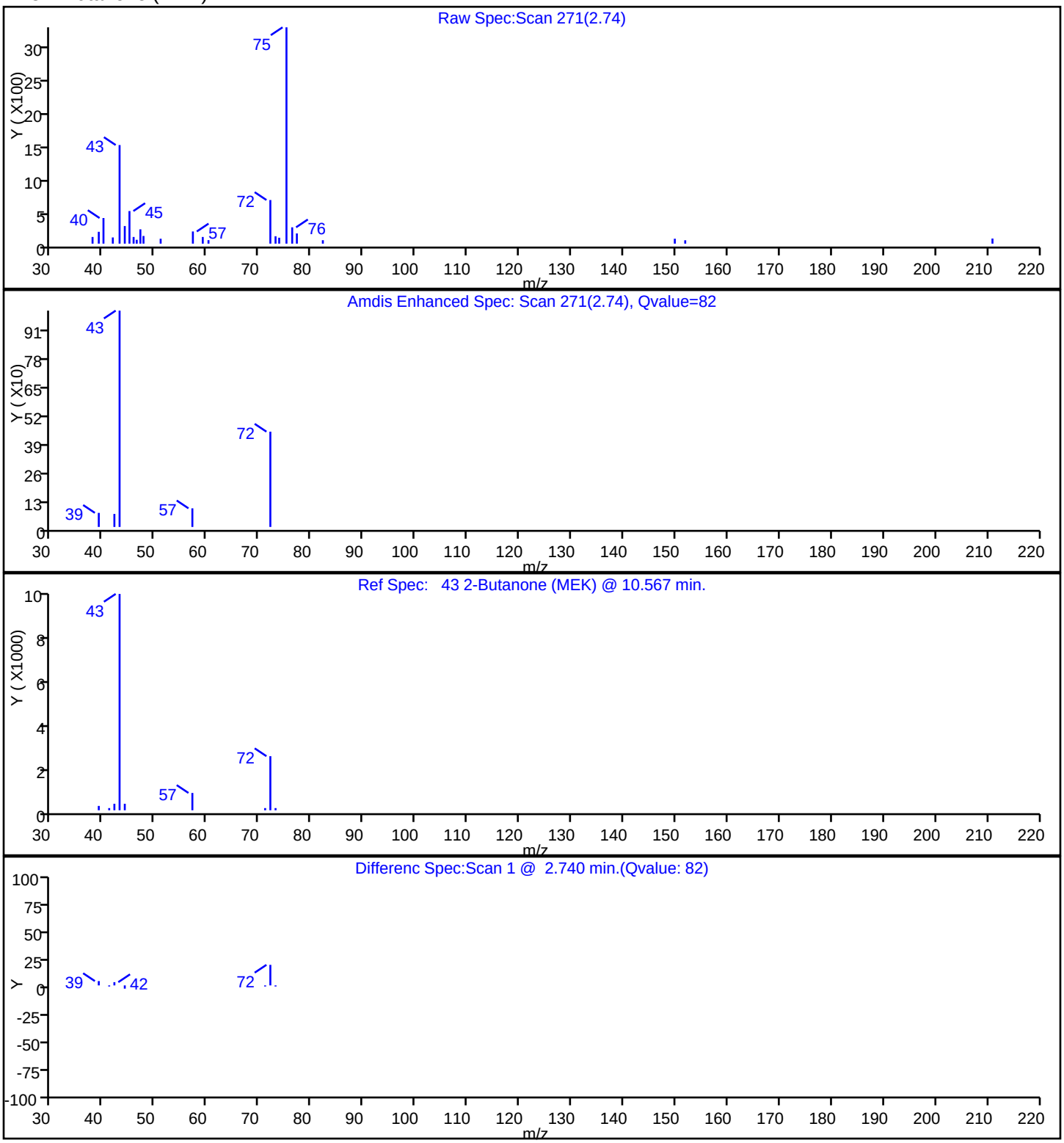
Report Date: 20-Sep-2013 14:27:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77959.D

Injection Date:	17-Sep-2013 14:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	23
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

43 2-Butanone (MEK)

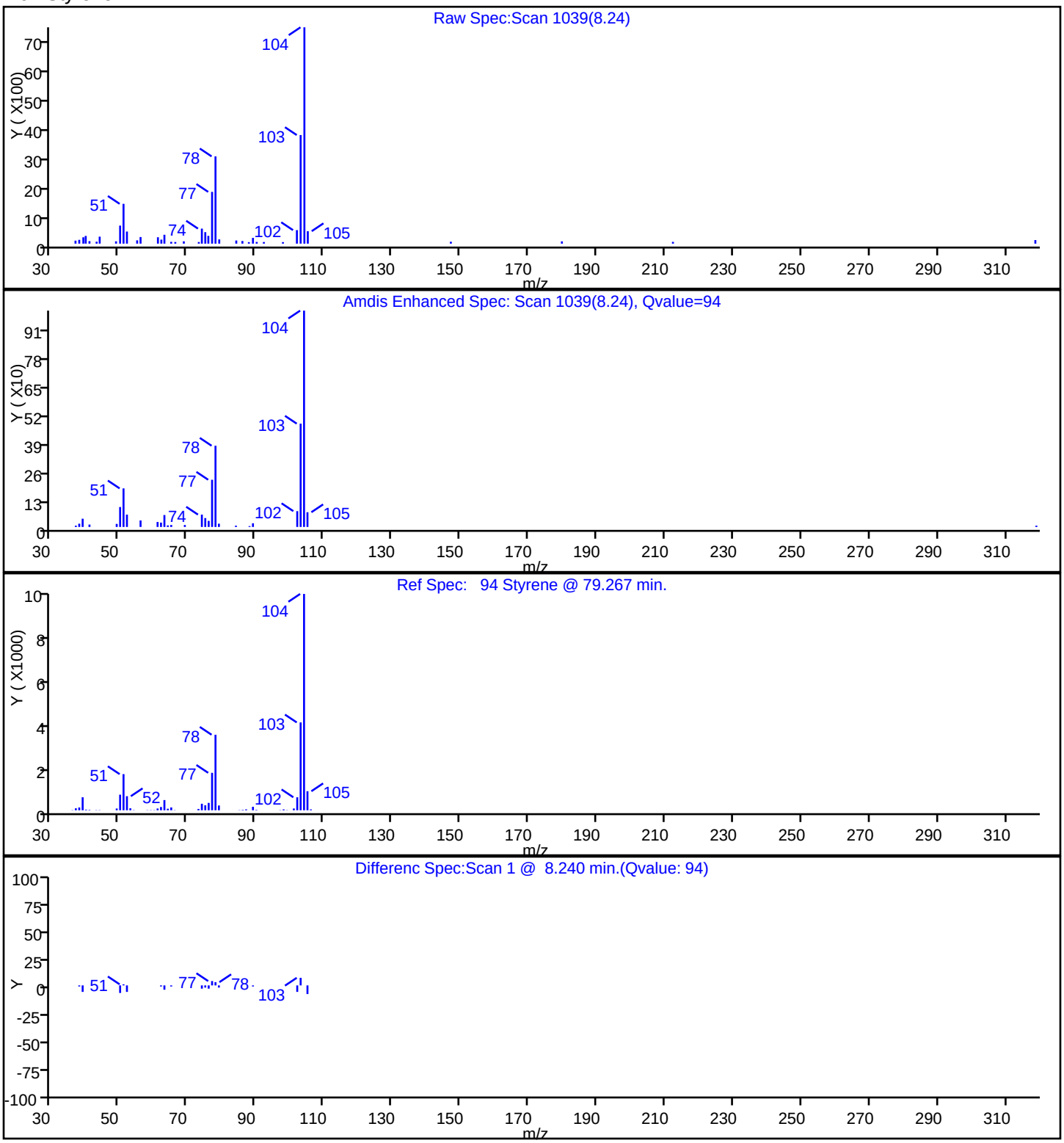


Report Date: 20-Sep-2013 14:27:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77959.D		
Injection Date:	17-Sep-2013 14:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	23
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

94 Styrene



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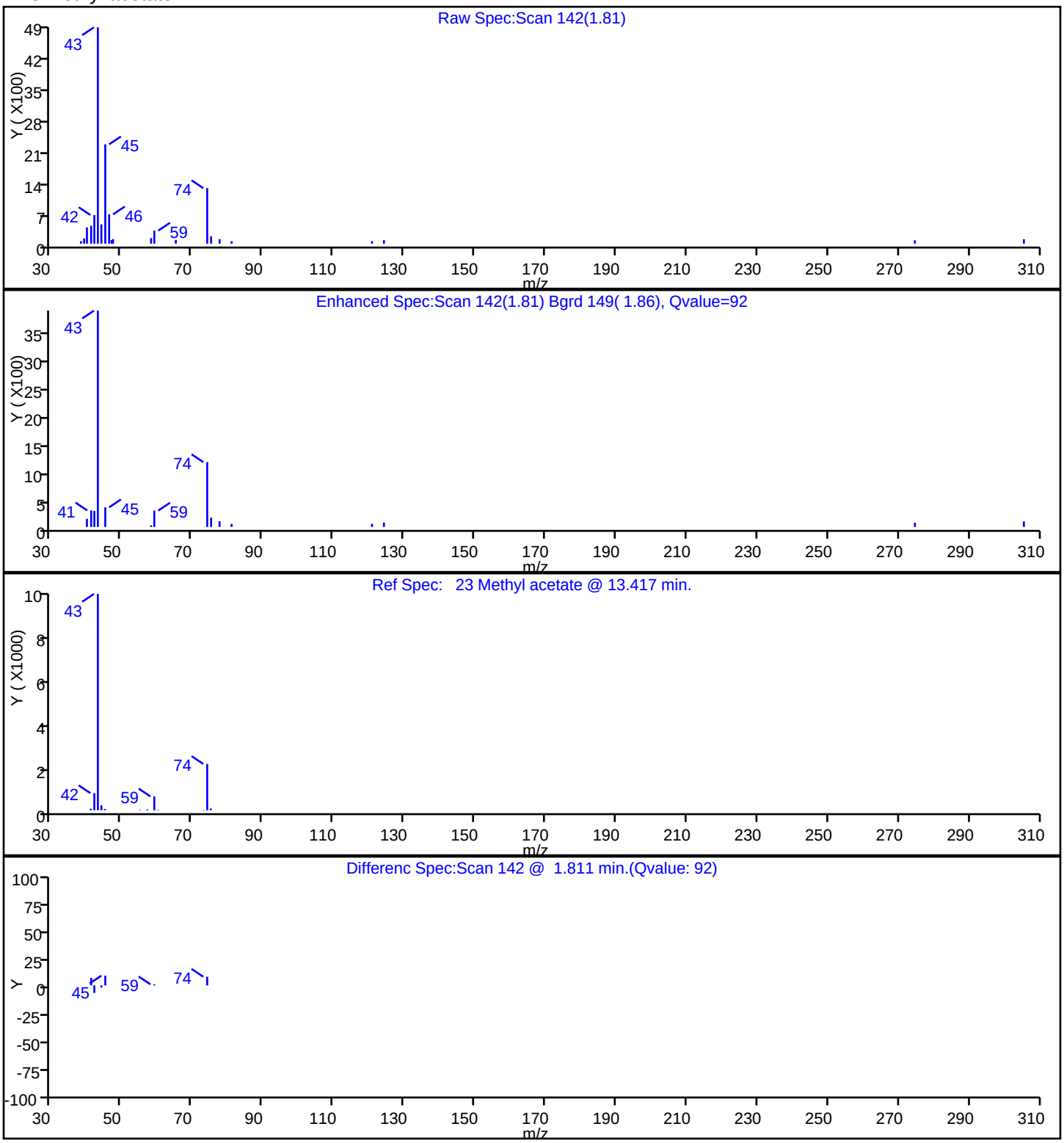
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77959.D

Injection Date:	17-Sep-2013 14:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	23
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

23 Methyl acetate



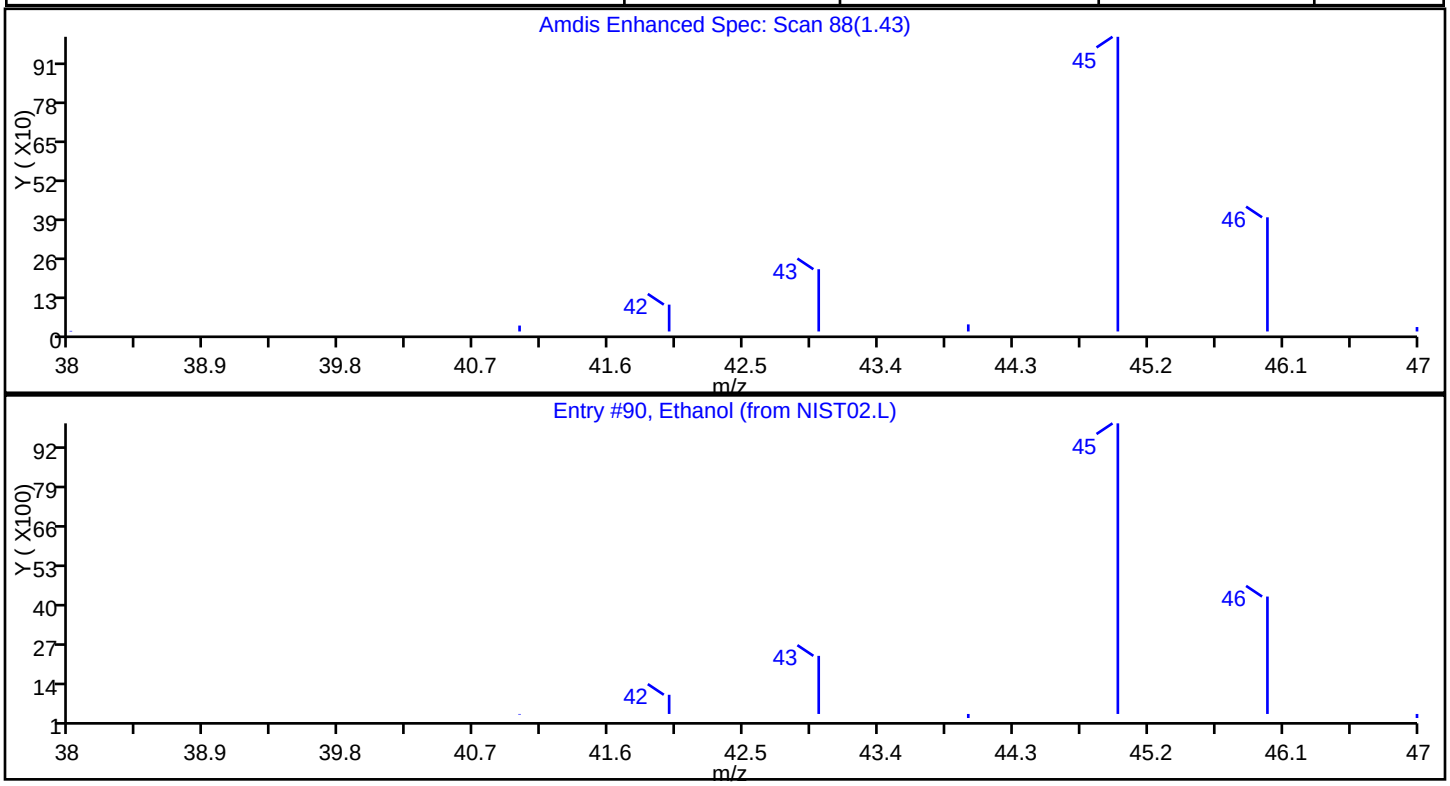
Report Date: 20-Sep-2013 14:27:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77959.D

Injection Date:	17-Sep-2013 14:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	23
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Ethanol	64-17-5	NIST02.L	90	90



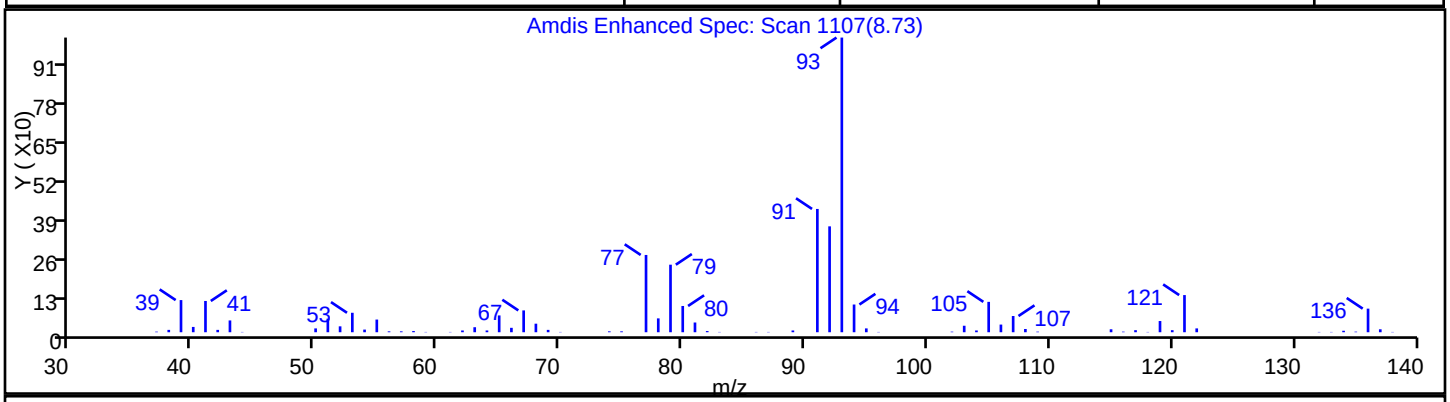
Report Date: 20-Sep-2013 14:27:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

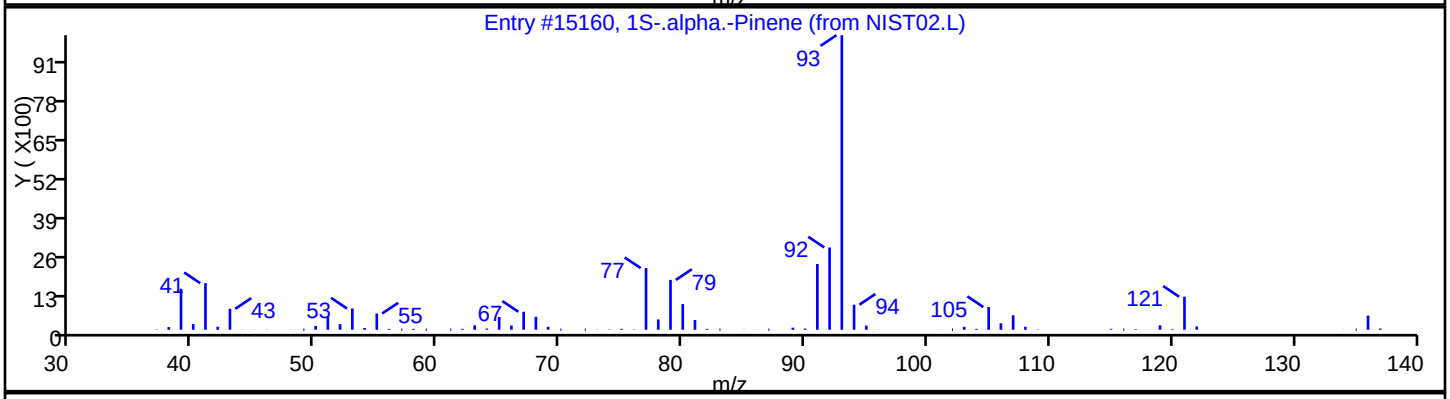
TestAmerica Edison

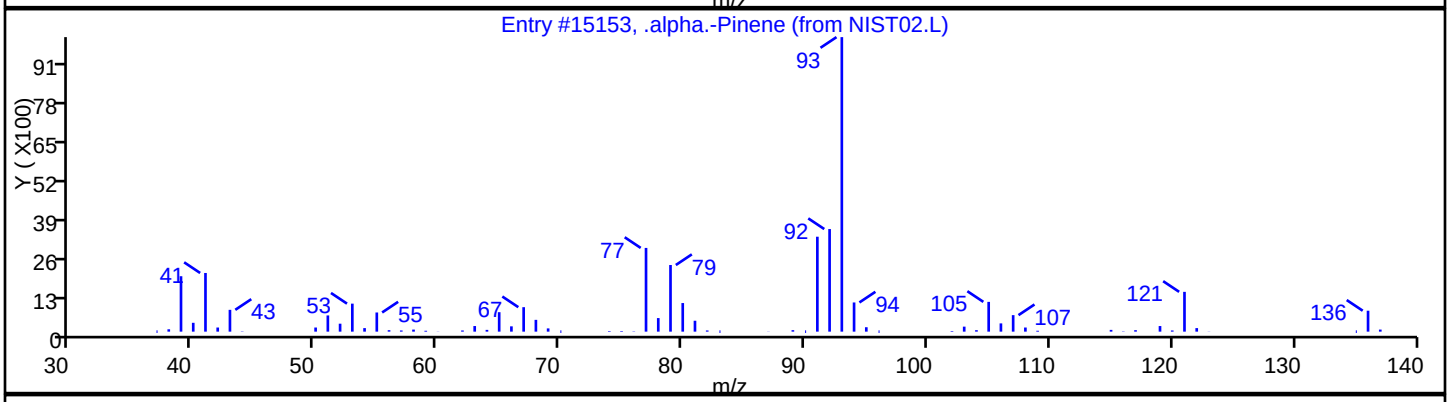
Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77959.D

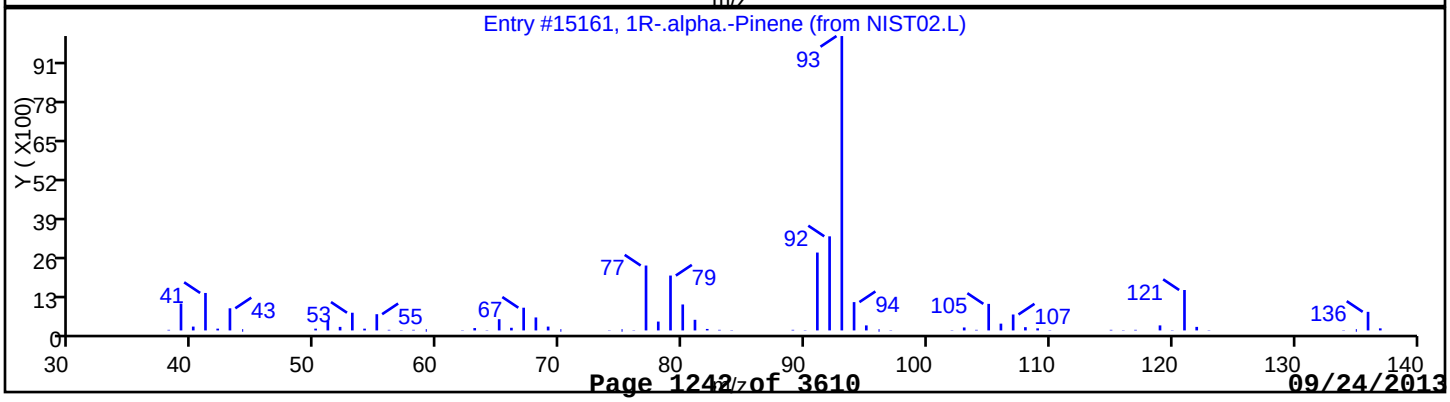
Injection Date:	17-Sep-2013 14:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	23
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1S-.alpha.-Pinene	7785-26-4	NIST02.L	15160	97
.alpha.-Pinene	80-56-8	NIST02.L	15153	97
1R-.alpha.-Pinene	7785-70-8	NIST02.L	15161	97









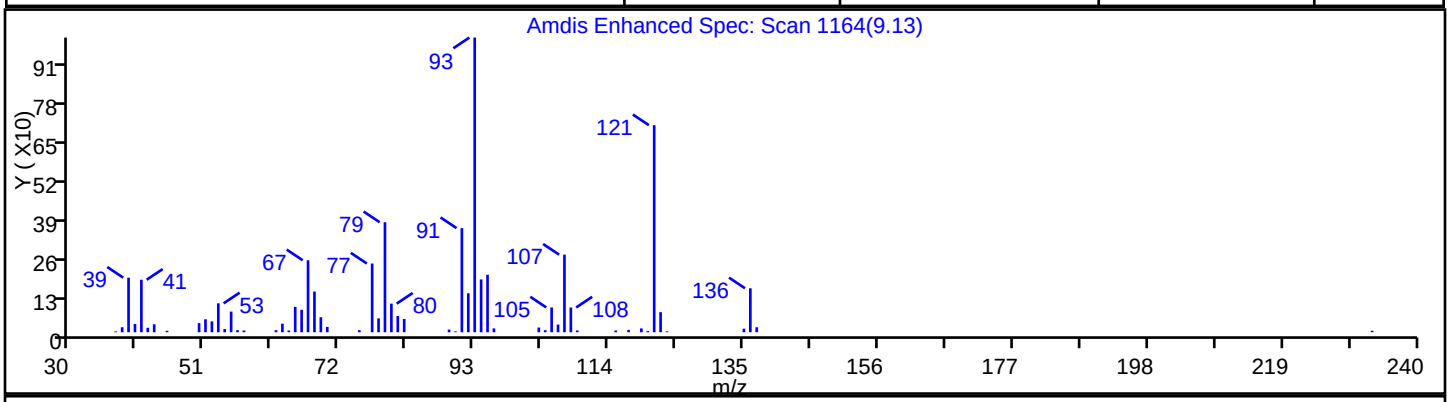
Report Date: 20-Sep-2013 14:27:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

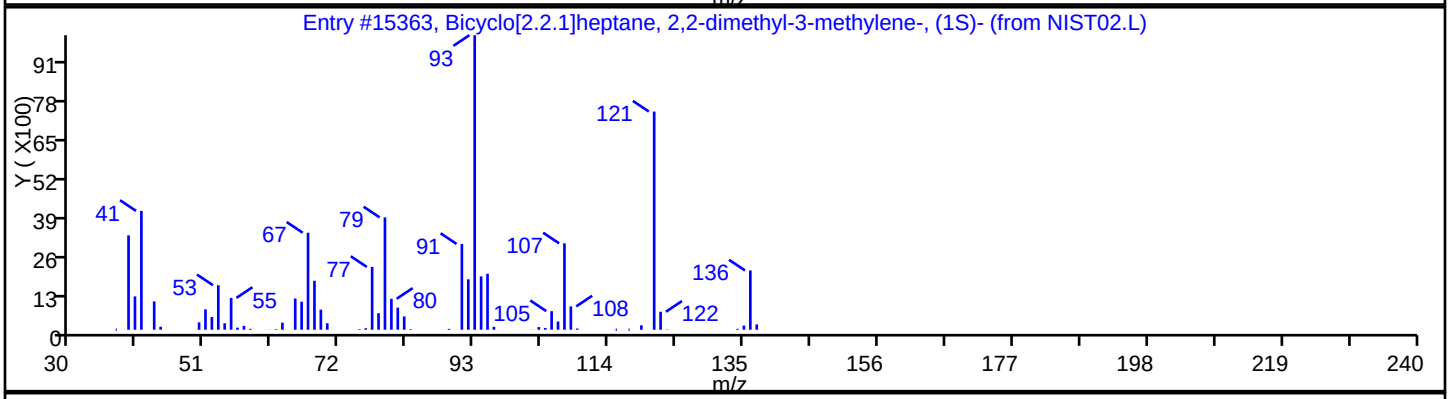
TestAmerica Edison

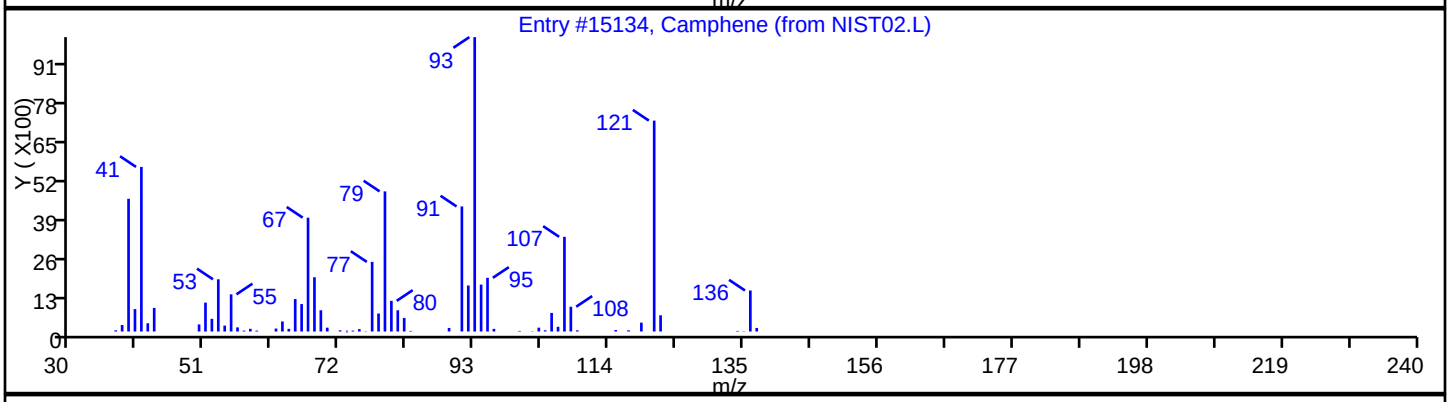
Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77959.D

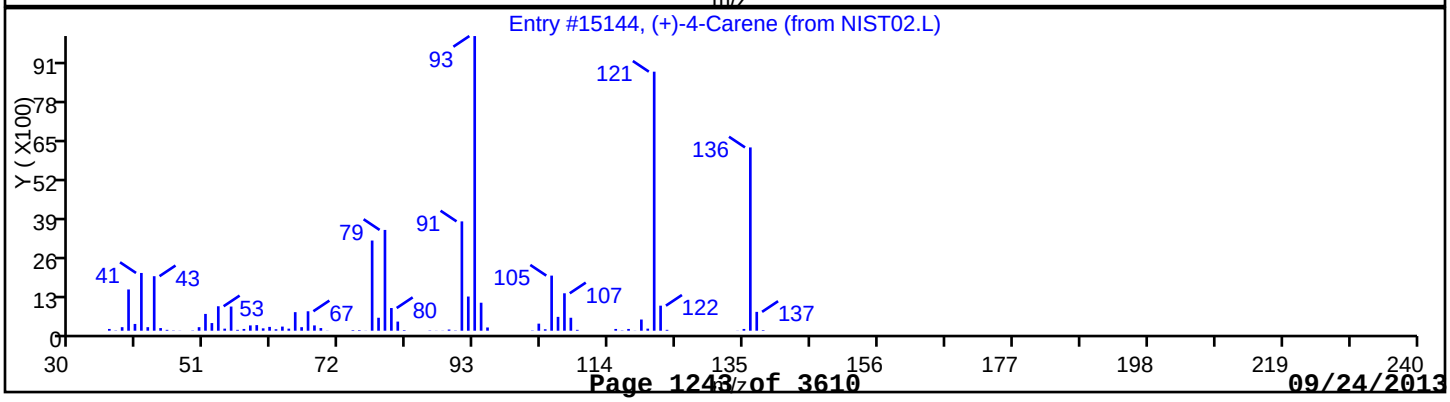
Injection Date:	17-Sep-2013 14:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	23
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-me	5794-04-7	NIST02.L	15363	98
Camphene	79-92-5	NIST02.L	15134	97
(+)-4-Carene	29050-33-7	NIST02.L	15144	83







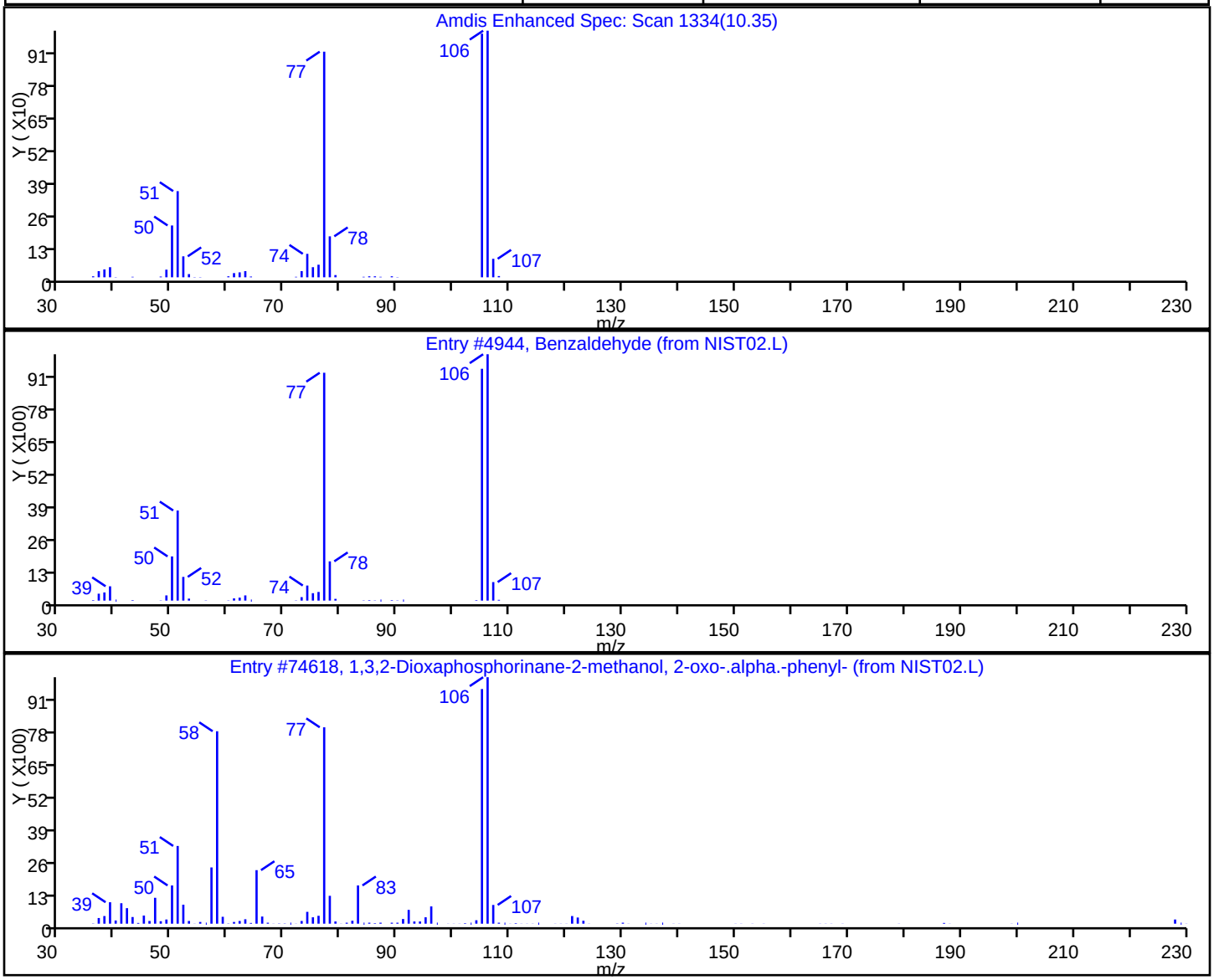


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77959.D

Injection Date:	17-Sep-2013 14:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	23
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzaldehyde	100-52-7	NIST02.L	4944	96
1,3,2-Dioxaphosphorinane-2-methanol, 2-o	93786-70-0	NIST02.L	74618	83



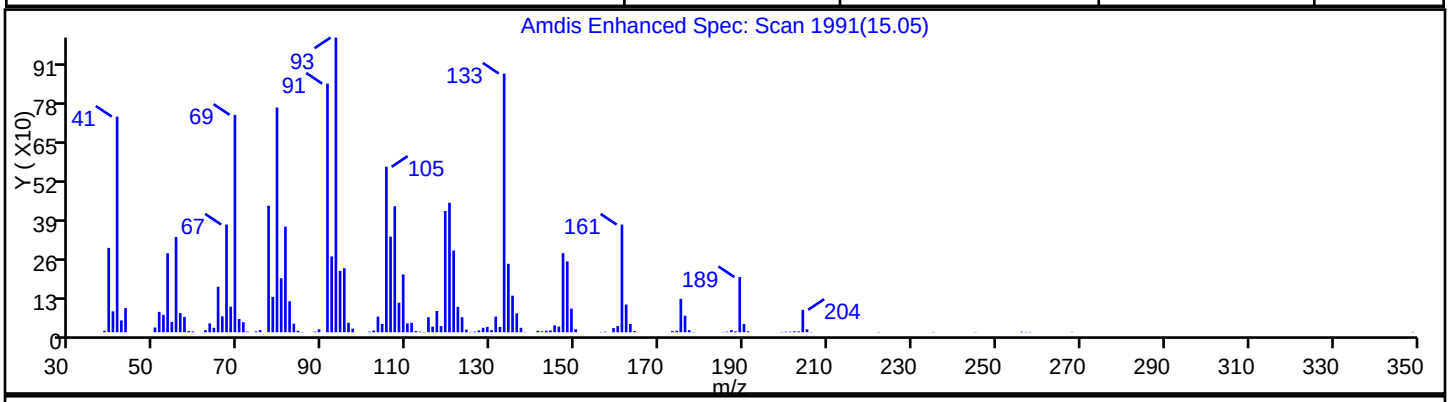
Report Date: 20-Sep-2013 14:27:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

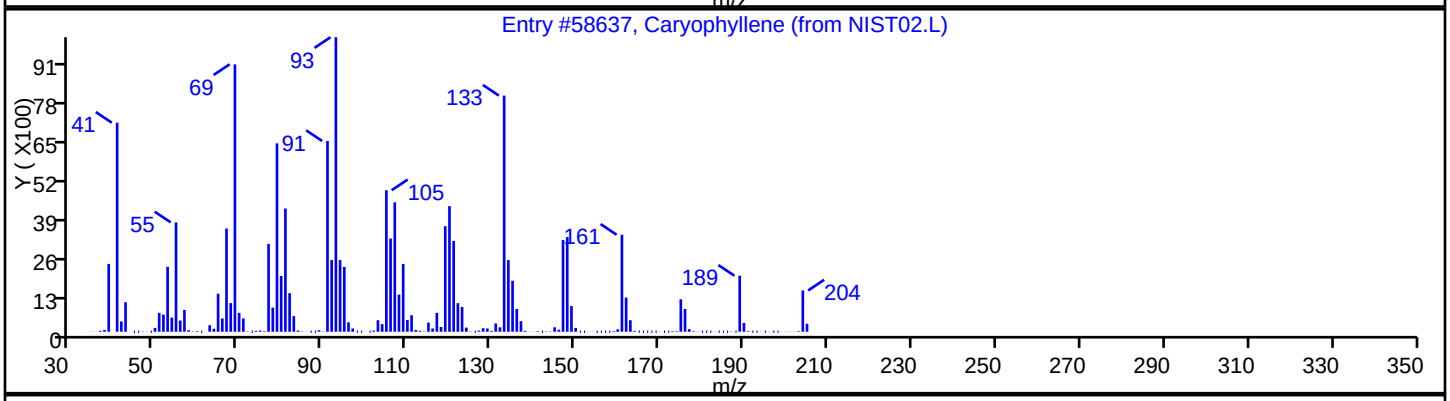
TestAmerica Edison

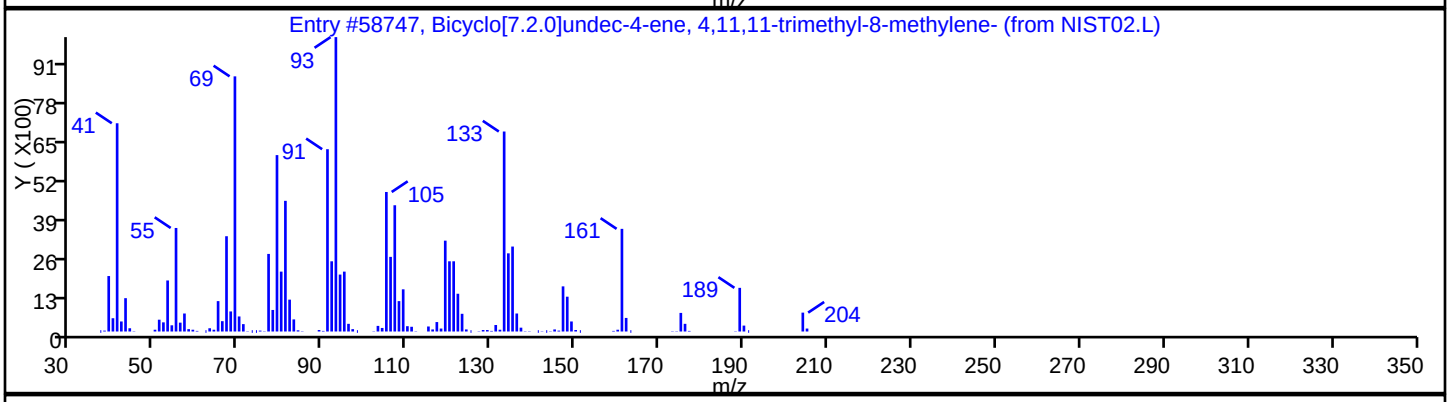
Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77959.D

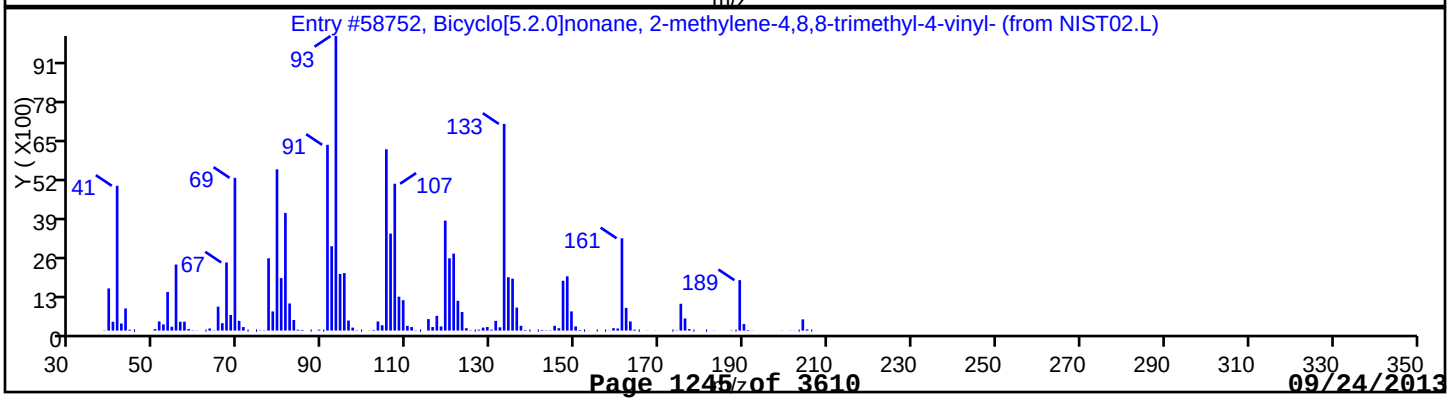
Injection Date:	17-Sep-2013 14:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-VS	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	23
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Caryophyllene	87-44-5	NIST02.L	58637	98
Bicyclo[7.2.0]undec-4-ene, 4,11,11-trime	13877-93-5	NIST02.L	58747	94
Bicyclo[5.2.0]nonane, 2-methylene-4,8,8-	242794-76-9	NIST02.L	58752	78









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-VD | Lab Sample ID: 460-62993-38

Matrix: Solid | Lab File ID: O77972.D

Analysis Method: 8260B | Date Collected: 09/13/2013 12:35

Sample wt/vol: 6.627(g) | Date Analyzed: 09/17/2013 19:47

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.: 181813 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.13	U	0.82	0.13
74-83-9	Bromomethane	0.35	U	0.82	0.35
75-01-4	Vinyl chloride	0.28	U	0.82	0.28
75-00-3	Chloroethane	0.27	U	0.82	0.27
75-09-2	Methylene Chloride	0.12	U	0.82	0.12
67-64-1	Acetone	3.7	J B	4.1	1.4
75-15-0	Carbon disulfide	0.12	U	0.82	0.12
75-69-4	Trichlorofluoromethane	0.13	U	0.82	0.13
75-35-4	1,1-Dichloroethene	0.16	U	0.82	0.16
75-34-3	1,1-Dichloroethane	0.090	U	0.82	0.090
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.82	0.11
156-59-2	cis-1,2-Dichloroethene	0.090	U	0.82	0.090
67-66-3	Chloroform	0.20	U	0.82	0.20
78-93-3	2-Butanone	0.52	U	4.1	0.52
107-06-2	1,2-Dichloroethane	1.2		0.82	0.15
71-55-6	1,1,1-Trichloroethane	0.11	U	0.82	0.11
56-23-5	Carbon tetrachloride	0.12	U	0.82	0.12
71-43-2	Benzene	0.12	U	0.82	0.12
75-25-2	Bromoform	0.14	U	0.82	0.14
100-42-5	Styrene	0.23	U	0.82	0.23
100-41-4	Ethylbenzene	0.14	U	0.82	0.14
108-90-7	Chlorobenzene	0.15	U	0.82	0.15
110-82-7	Cyclohexane	0.11	U	0.82	0.11
98-82-8	Isopropylbenzene	0.090	U	0.82	0.090
591-78-6	2-Hexanone	0.11	U	4.1	0.11
1634-04-4	MTBE	0.090	U	0.82	0.090
76-13-1	Freon TF	0.090	U	0.82	0.090
79-20-9	Methyl acetate	0.26	U	0.82	0.26
123-91-1	1,4-Dioxane	10	U	16	10
79-01-6	Trichloroethene	0.098	U	0.82	0.098
108-88-3	Toluene	5.6		0.82	0.11
10061-02-6	trans-1,3-Dichloropropene	0.082	U	0.82	0.082
108-10-1	4-Methyl-2-pentanone	0.16	U	4.1	0.16
10061-01-5	cis-1,3-Dichloropropene	0.11	U	0.82	0.11
95-50-1	1,2-Dichlorobenzene	0.082	U	0.82	0.082
541-73-1	1,3-Dichlorobenzene	0.13	U	0.82	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-VD | Lab Sample ID: 460-62993-38

Matrix: Solid | Lab File ID: O77972.D

Analysis Method: 8260B | Date Collected: 09/13/2013 12:35

Sample wt/vol: 6.627(g) | Date Analyzed: 09/17/2013 19:47

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.: 181813 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.090	U	0.82	0.090
120-82-1	1,2,4-Trichlorobenzene	0.16	U	0.82	0.16
87-61-6	1,2,3-Trichlorobenzene	0.13	U	0.82	0.13
78-87-5	1,2-Dichloropropane	0.12	U	0.82	0.12
108-87-2	Methylcyclohexane	0.082	U	0.82	0.082
127-18-4	Tetrachloroethene	0.098	U	0.82	0.098
1330-20-7	Xylenes, Total	0.55	U	2.5	0.55
96-12-8	1,2-Dibromo-3-Chloropropane	0.36	U	0.82	0.36
79-34-5	1,1,2,2-Tetrachloroethane	0.074	U	0.82	0.074
79-00-5	1,1,2-Trichloroethane	0.11	U	0.82	0.11
124-48-1	Dibromochloromethane	0.082	U	0.82	0.082
106-93-4	1,2-Dibromoethane	0.12	U	0.82	0.12
75-71-8	Dichlorodifluoromethane	0.18	U	0.82	0.18
74-97-5	Bromochloromethane	0.090	U	0.82	0.090
75-27-4	Bromodichloromethane	0.26	U	0.82	0.26

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		70-130
2037-26-5	Toluene-d8 (Surr)	108		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	105		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-VD Lab Sample ID: 460-62993-38

Matrix: Solid Lab File ID: O77972.D

Analysis Method: 8260B Date Collected: 09/13/2013 12:35

Sample wt/vol: 6.627(g) Date Analyzed: 09/17/2013 19:47

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.: 181813 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77972.D		
Lims ID:	460-62993-B-38-A	Client ID:	PMP-32SE-VD
Inject. Date:	17-Sep-2013 19:47:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-B-38-A		
Misc. Info.:	460-0004727-011		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	10
Lims Batch ID:	181813	Lims Sample ID:	11
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\8260S_12.m		
Last Update:	20-Sep-2013 15:29:19	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK026		
First Level Reviewer: tupayachia		Date:	18-Sep-2013 11:42:29

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.625	1.632	-0.007	80	4657	4.49	
* 151 TBA-d9 (IS)	65	1.897	1.904	-0.007	96	179468	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	98	87007	52.5	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.358	0.0	87	86492	59.1	
55 1,2-Dichloroethane	62	3.652	3.430	0.222	24	4042	1.49	
* 59 Fluorobenzene	96	3.659	3.652	0.007	100	359192	50.0	
* 150 1,4-Dioxane-d8	96	4.354	4.361	-0.007	80	12123	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	374185	54.2	
77 Toluene	91	5.407	5.407	0.0	93	81152	6.80	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	344726	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	94	133180	49.3	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	195923	50.0	

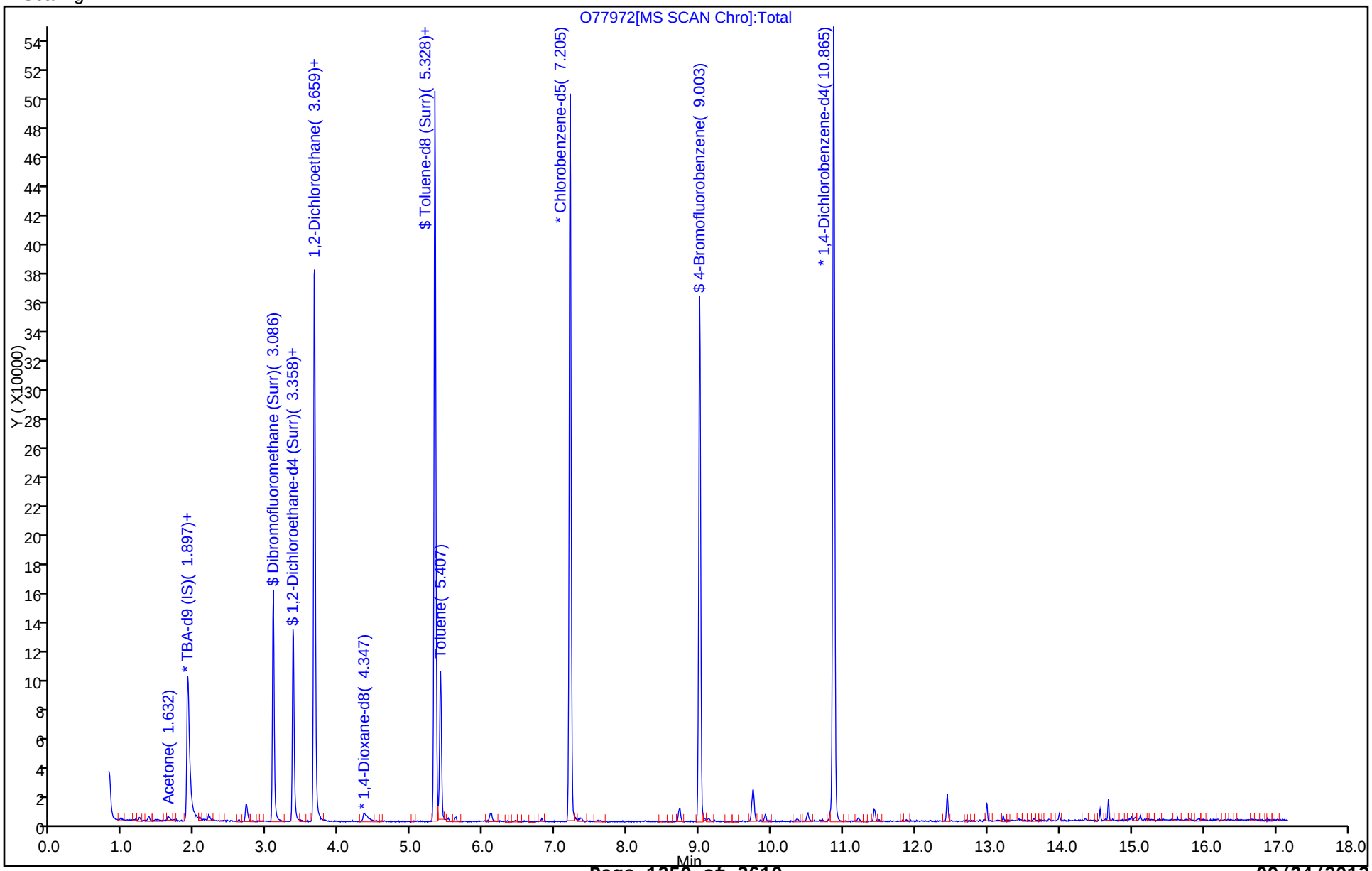
Report Date: 20-Sep-2013 15:36:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77972.D

Injection Date:	17-Sep-2013 19:47:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	11
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



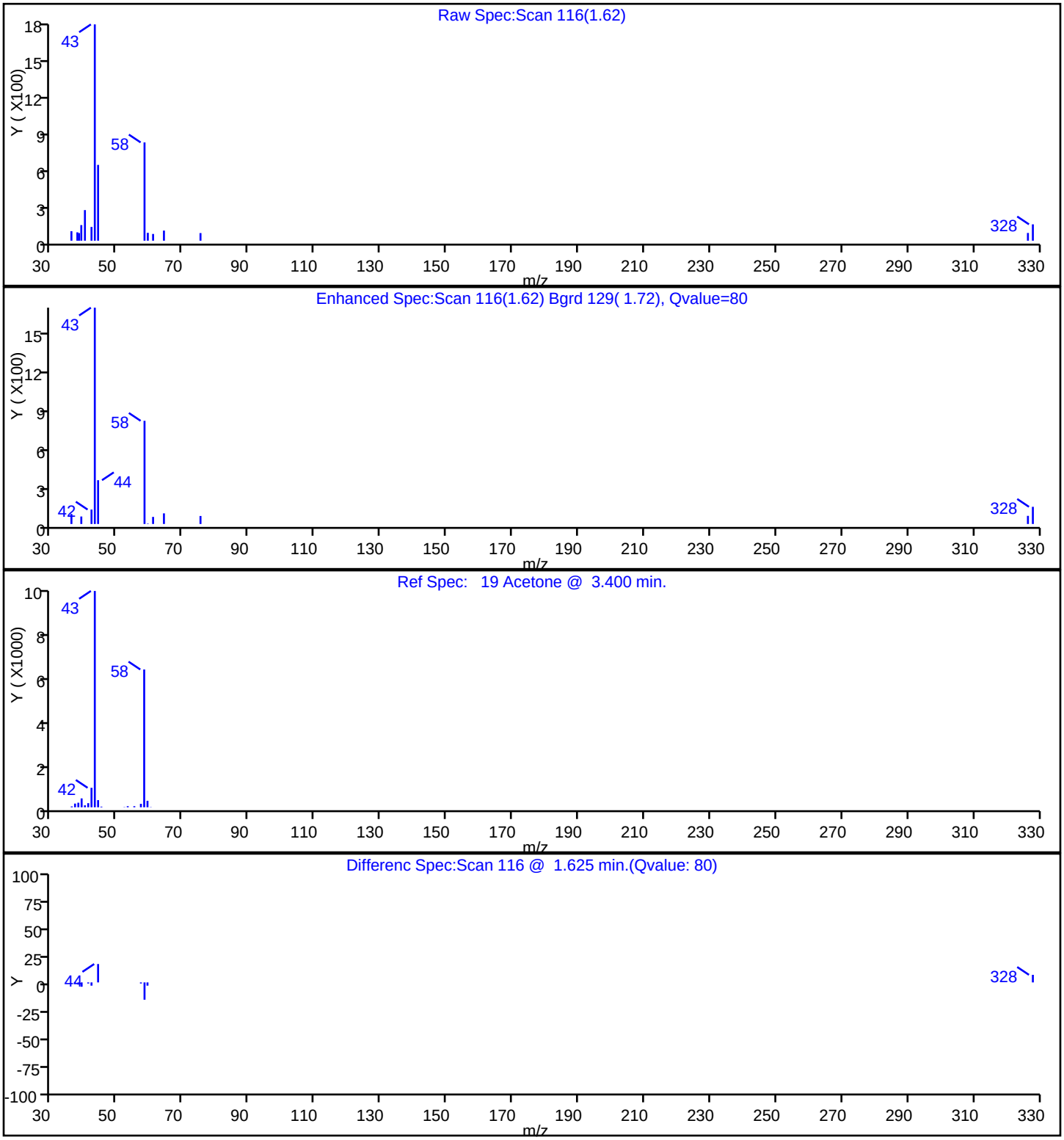
Report Date: 20-Sep-2013 15:36:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77972.D

Injection Date:	17-Sep-2013 19:47:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	11
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



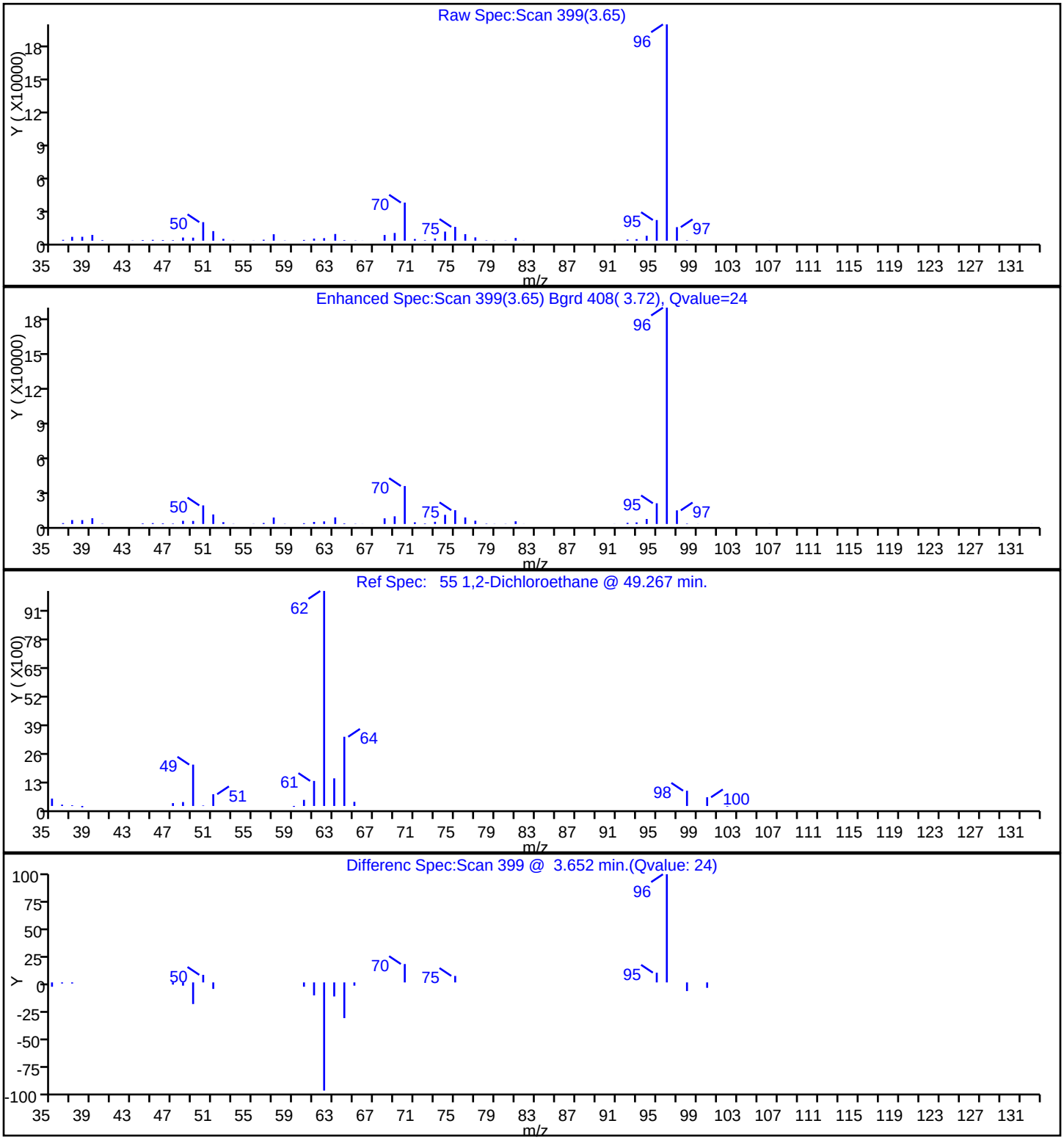
Report Date: 20-Sep-2013 15:36:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77972.D

Injection Date:	17-Sep-2013 19:47:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	11
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

55 1,2-Dichloroethane



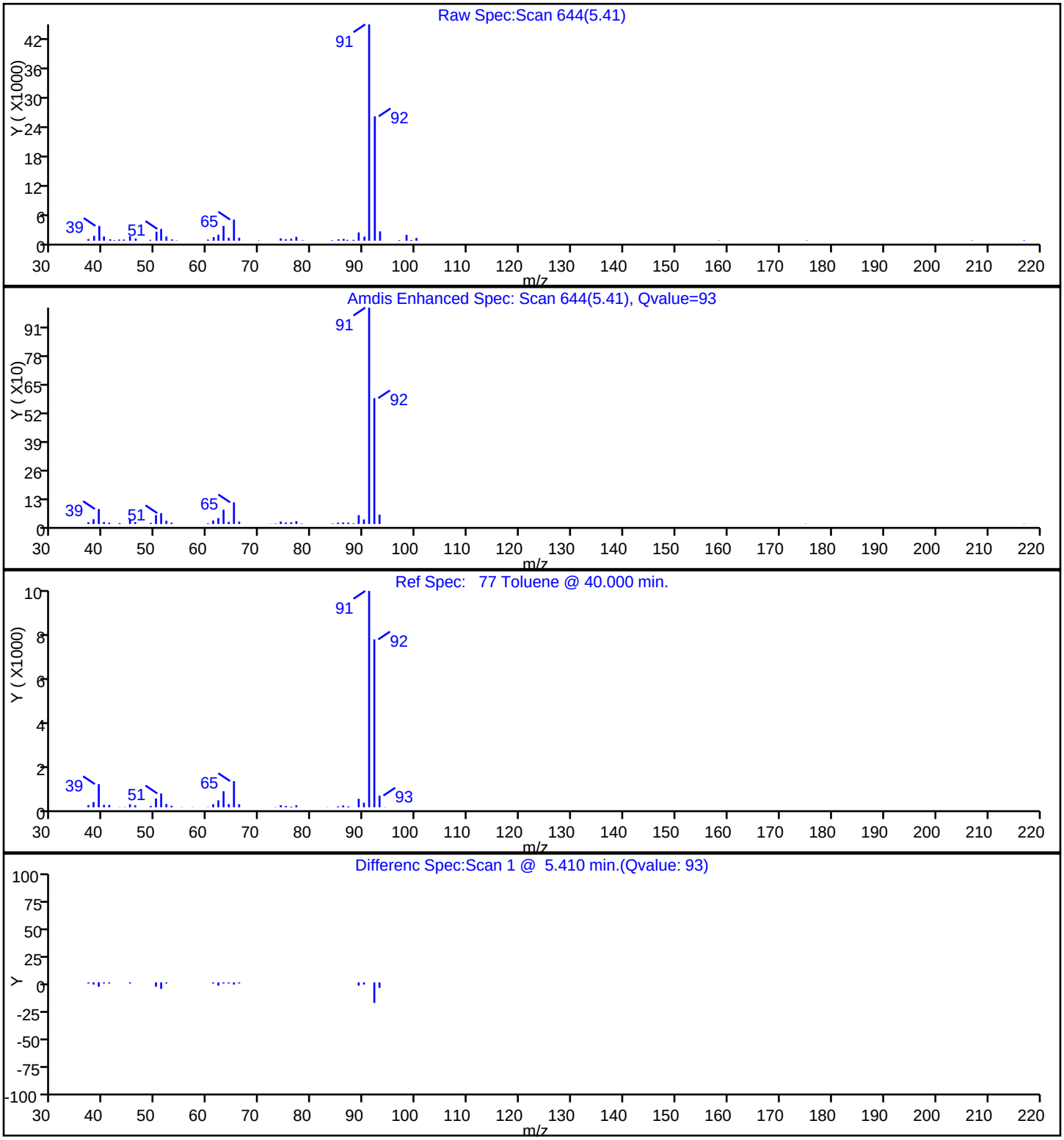
Report Date: 20-Sep-2013 15:36:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77972.D

Injection Date:	17-Sep-2013 19:47:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-VD	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	11
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

77 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-WT | Lab Sample ID: 460-62993-39

Matrix: Solid | Lab File ID: O77961.D

Analysis Method: 8260B | Date Collected: 09/13/2013 12:40

Sample wt/vol: 4.695(g) | Date Analyzed: 09/17/2013 15:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.3 | Level: (low/med) Low

Analysis Batch No.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.20	U	1.2	0.20
74-83-9	Bromomethane	0.53	U	1.2	0.53
75-01-4	Vinyl chloride	0.42	U	1.2	0.42
75-00-3	Chloroethane	0.41	U	1.2	0.41
75-09-2	Methylene Chloride	0.19	U	1.2	0.19
67-64-1	Acetone	10	B	6.2	2.1
75-15-0	Carbon disulfide	0.46	J	1.2	0.19
75-69-4	Trichlorofluoromethane	0.20	U	1.2	0.20
75-35-4	1,1-Dichloroethene	0.24	U	1.2	0.24
75-34-3	1,1-Dichloroethane	0.14	U	1.2	0.14
156-60-5	trans-1,2-Dichloroethene	0.16	U	1.2	0.16
156-59-2	cis-1,2-Dichloroethene	0.14	U	1.2	0.14
67-66-3	Chloroform	0.30	U	1.2	0.30
78-93-3	2-Butanone	0.78	U	6.2	0.78
107-06-2	1,2-Dichloroethane	0.22	U	1.2	0.22
71-55-6	1,1,1-Trichloroethane	0.16	U	1.2	0.16
56-23-5	Carbon tetrachloride	0.19	U	1.2	0.19
71-43-2	Benzene	0.19	U	1.2	0.19
75-25-2	Bromoform	0.21	U	1.2	0.21
100-42-5	Styrene	0.35	U	1.2	0.35
100-41-4	Ethylbenzene	0.21	U	1.2	0.21
108-90-7	Chlorobenzene	0.22	U	1.2	0.22
110-82-7	Cyclohexane	0.16	U	1.2	0.16
98-82-8	Isopropylbenzene	0.14	U	1.2	0.14
591-78-6	2-Hexanone	0.16	U	6.2	0.16
1634-04-4	MTBE	0.14	U	1.2	0.14
76-13-1	Freon TF	0.14	U	1.2	0.14
79-20-9	Methyl acetate	0.40	U	1.2	0.40
123-91-1	1,4-Dioxane	16	U	25	16
79-01-6	Trichloroethene	0.15	U	1.2	0.15
108-88-3	Toluene	0.17	U	1.2	0.17
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
108-10-1	4-Methyl-2-pentanone	0.25	U	6.2	0.25
10061-01-5	cis-1,3-Dichloropropene	0.17	U	1.2	0.17
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12
541-73-1	1,3-Dichlorobenzene	0.20	U	1.2	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-WT | Lab Sample ID: 460-62993-39

Matrix: Solid | Lab File ID: O77961.D

Analysis Method: 8260B | Date Collected: 09/13/2013 12:40

Sample wt/vol: 4.695(g) | Date Analyzed: 09/17/2013 15:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.3 | Level: (low/med) Low

Analysis Batch No.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.88	J	1.2	0.14
120-82-1	1,2,4-Trichlorobenzene	0.24	U	1.2	0.24
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1.2	0.20
78-87-5	1,2-Dichloropropane	0.19	U	1.2	0.19
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
127-18-4	Tetrachloroethene	0.15	U	1.2	0.15
1330-20-7	Xylenes, Total	0.83	U	3.7	0.83
96-12-8	1,2-Dibromo-3-Chloropropane	0.55	U *	1.2	0.55
79-34-5	1,1,2,2-Tetrachloroethane	0.11	U	1.2	0.11
79-00-5	1,1,2-Trichloroethane	0.17	U	1.2	0.17
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
106-93-4	1,2-Dibromoethane	0.19	U	1.2	0.19
75-71-8	Dichlorodifluoromethane	0.27	U	1.2	0.27
74-97-5	Bromochloromethane	0.14	U	1.2	0.14
75-27-4	Bromodichloromethane	0.40	U	1.2	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-130
2037-26-5	Toluene-d8 (Surr)	85		70-130
460-00-4	Bromofluorobenzene	78		70-130
1868-53-7	Dibromofluoromethane (Surr)	78		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-WT Lab Sample ID: 460-62993-39

Matrix: Solid Lab File ID: O77961.D

Analysis Method: 8260B Date Collected: 09/13/2013 12:40

Sample wt/vol: 4.695(g) Date Analyzed: 09/17/2013 15:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.3 Level: (low/med) Low

Analysis Batch No.: 181663 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 149

CAS NO.	COMPOUND NAME	RT	RESULT	Q
50876-32-9	Cyclohexane, 1,1,3,5-tetramethyl-, cis-	11.70	11	J N
1000152-47-3	trans-Decalin, 2-methyl-	12.21	15	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	12.43	26	J N
1486-75-5	Cyclododecene, (E)-	13.01	19	J N
5811-48-3	Bicyclo[2.2.1]heptan-2-one, 1,3,7,7-tetr	13.47	14	J N
15869-94-0	Octane, 3,6-dimethyl-	13.64	12	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	14.42	12	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	14.66	14	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	15.04	11	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	15.29	15	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77961.D		
Lims ID:	460-62993-A-39-A	Client ID:	PMP-32SE-WT
Inject. Date:	17-Sep-2013 15:07:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-39-A		
Misc. Info.:	460-0004695-025		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	24
Lims Batch ID:	181663	Lims Sample ID:	25
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\8260S_12.m		
Last Update:	20-Sep-2013 14:27:03	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK016		
First Level Reviewer: delpolitov		Date:	20-Sep-2013 14:27:50

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.625	1.632	-0.007	78	6517	8.18	
21 Carbon disulfide	76	1.704	1.704	0.0	85	3539	0.3683	
* 151 TBA-d9 (IS)	65	1.897	1.911	-0.014	90	230464	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	96	67733	39.2	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.366	-0.008	87	67907	44.5	
* 59 Fluorobenzene	96	3.659	3.659	0.0	99	374851	50.0	
* 150 1,4-Dioxane-d8	96	4.347	4.347	0.0	84	20900	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	305341	42.5	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	359020	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	93	109335	38.9	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	203645	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	55	5002	0.7072	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77961.D		
Lims ID:	460-62993-A-39-A	Client ID:	PMP-32SE-WT
Inject. Date:	17-Sep-2013 15:07:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-39-A		
Misc. Info.:	460-0004695-025		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	24
Lims Batch ID:	181663	Lims Sample ID:	25
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\8260S_12.m		
Last Update:	20-Sep-2013 14:27:03	Calib Date:	06-Aug-2013 22:09:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	40		
Process Host:	XAWRK016		
First Level Reviewer: delpolitov		Date:	20-Sep-2013 14:27:50

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	50876-32-9	Cyclohexane, 1,1,3,5-tetramethyl-, cis-				
11.696	179986	9.20	87	49	17396	
	1000152-47-3	trans-Decalin, 2-methyl-				
12.212	240679	12.3	87	95	24310	
	2958-76-1	Naphthalene, decahydro-2-methyl-				
12.434	402472	20.6	87	90	24328	
	1486-75-5	Cyclododecene, (E)-				
13.014	306762	15.7	87	87	33296	
	5811-48-3	Bicyclo[2.2.1]heptan-2-one, 1,3,7,7-tetr				
13.465	213736	10.9	87	55	33220	
	15869-94-0	Octane, 3,6-dimethyl-				
13.644	190562	9.74	87	72	18461	
	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-				
14.418	190350	9.73	87	90	107670	
	80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal				
14.662	224659	11.5	87	97	61716	
	80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal				
15.041	169448	8.66	87	64	61716	
	80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal				
15.285	232080	11.9	87	89	61716	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 87 Chlorobenzene-d5	7.205	978660	50.0

QC Flag Legend

Processing Flags

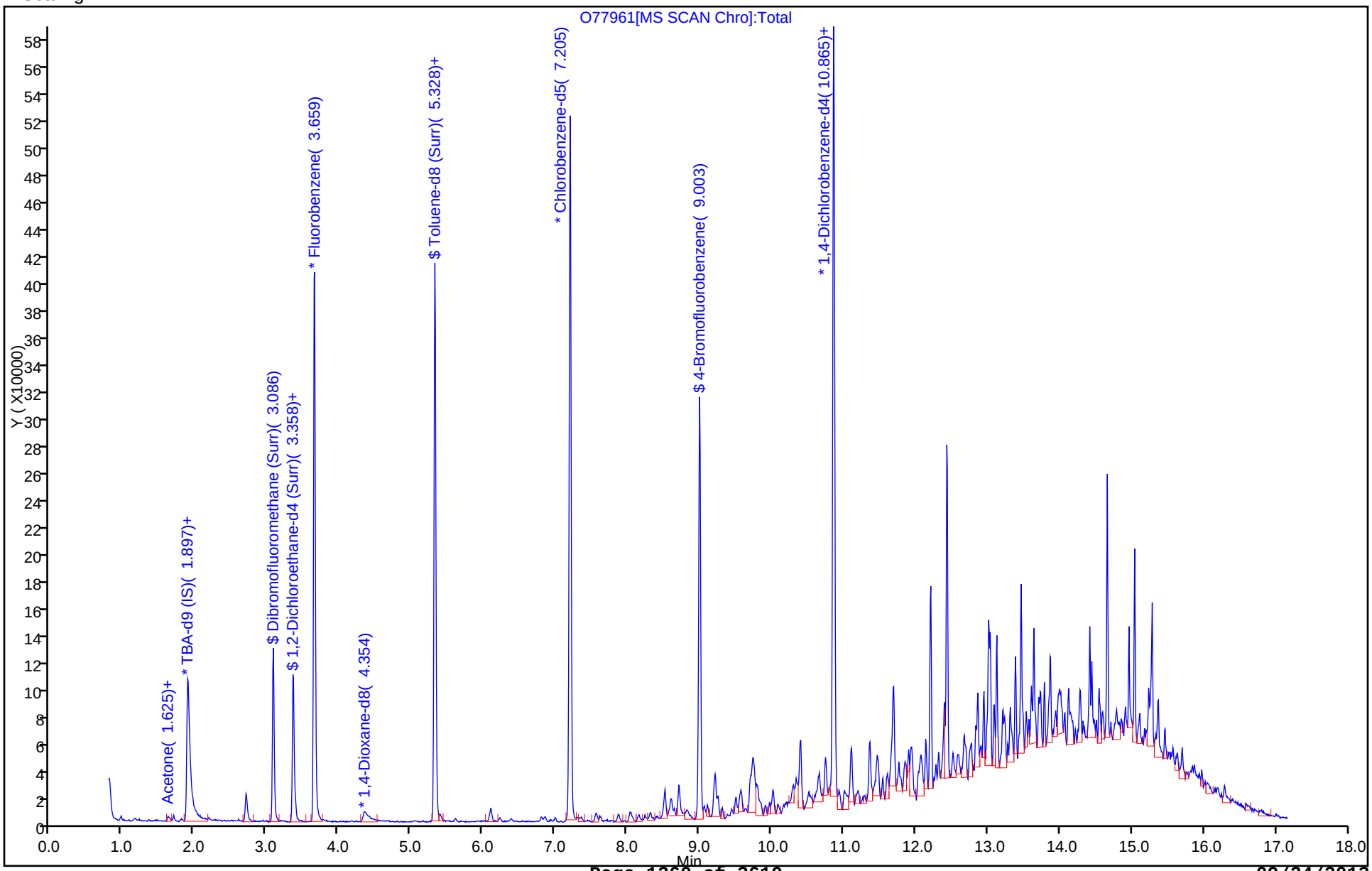
Report Date: 20-Sep-2013 14:27:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77961.D

Injection Date:	17-Sep-2013 15:07:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	25
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

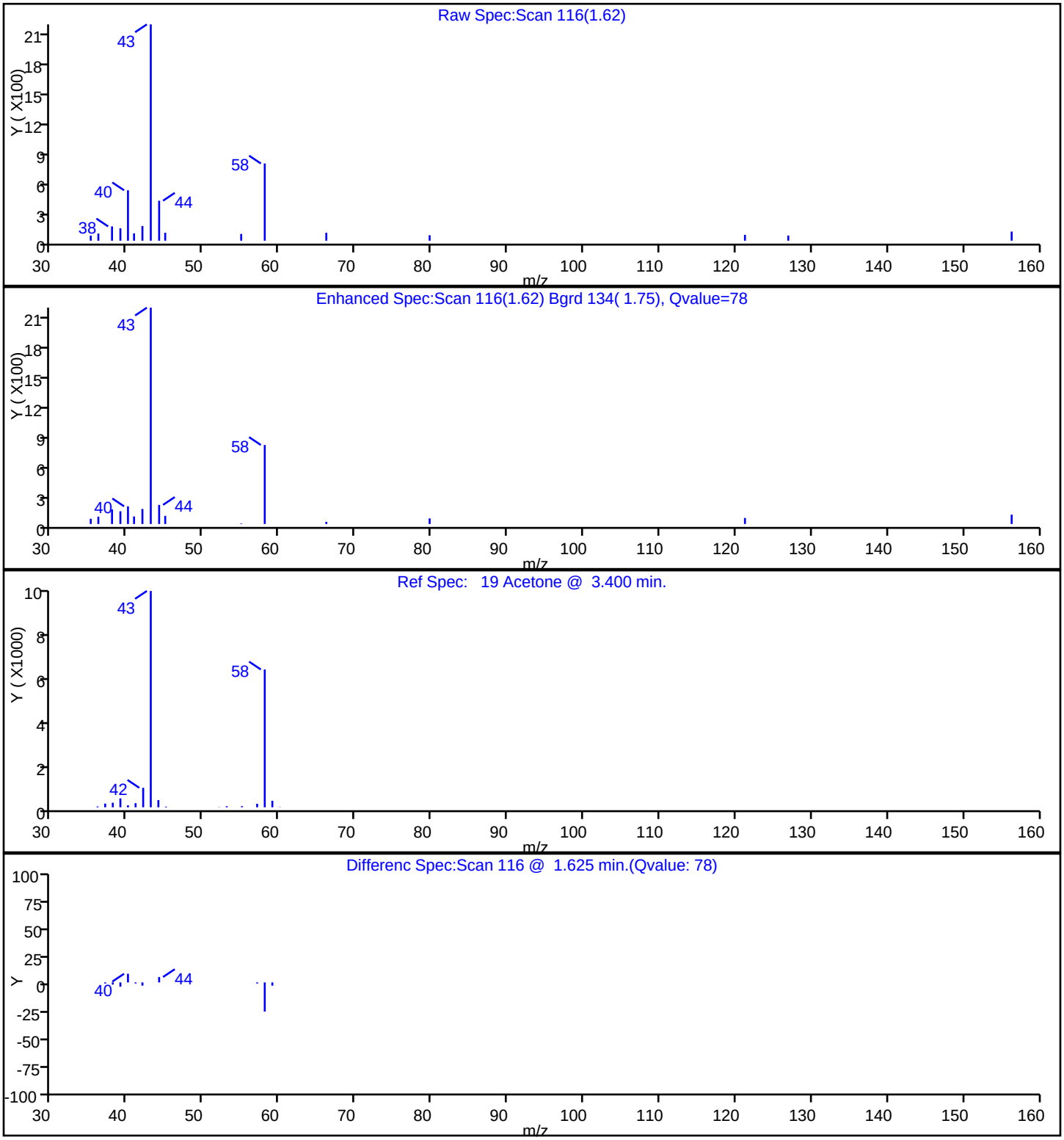
Y Scaling:



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77961.D		
Injection Date:	17-Sep-2013 15:07:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	25
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



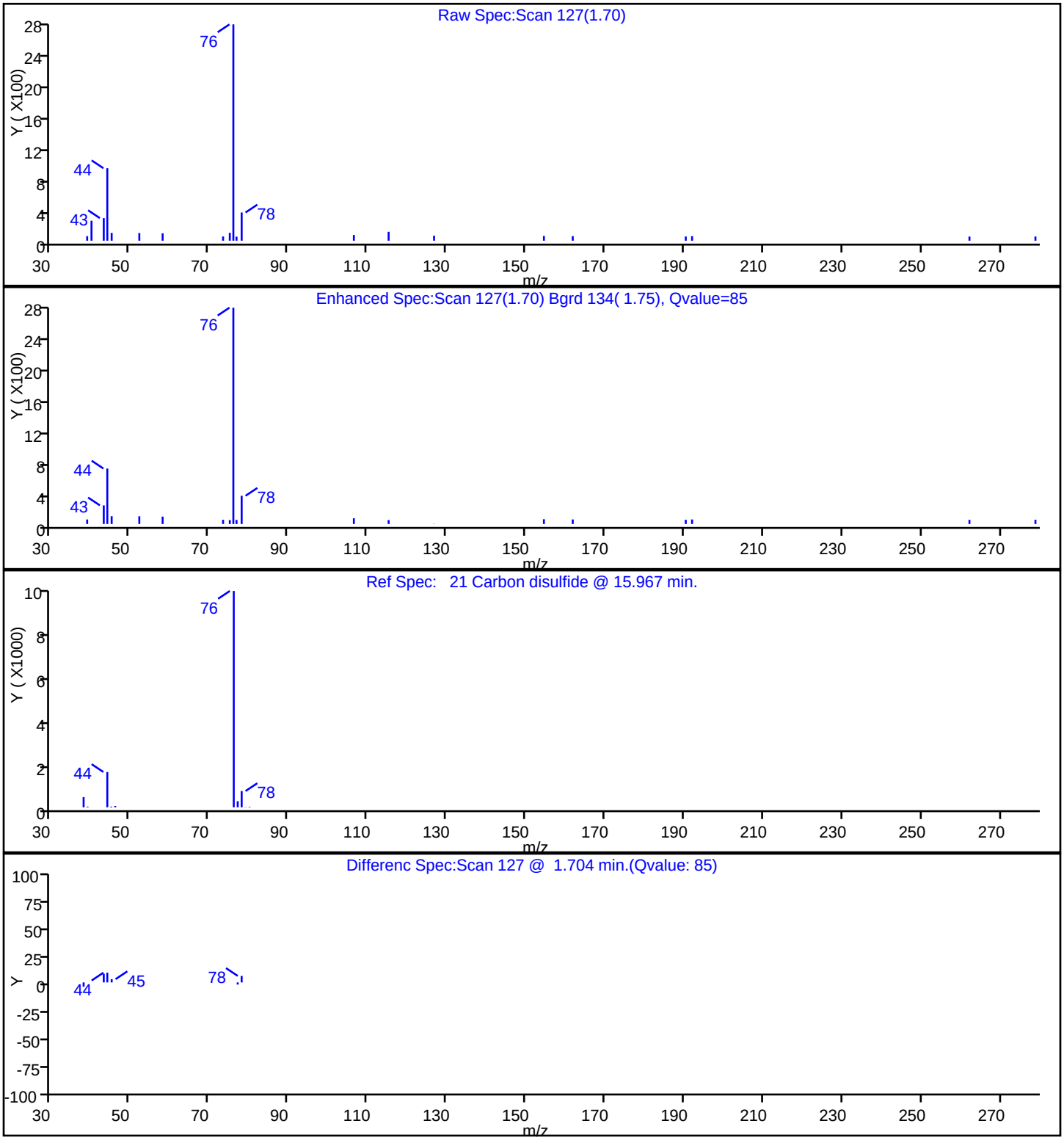
Report Date: 20-Sep-2013 14:27:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77961.D

Injection Date:	17-Sep-2013 15:07:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	25
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

21 Carbon disulfide



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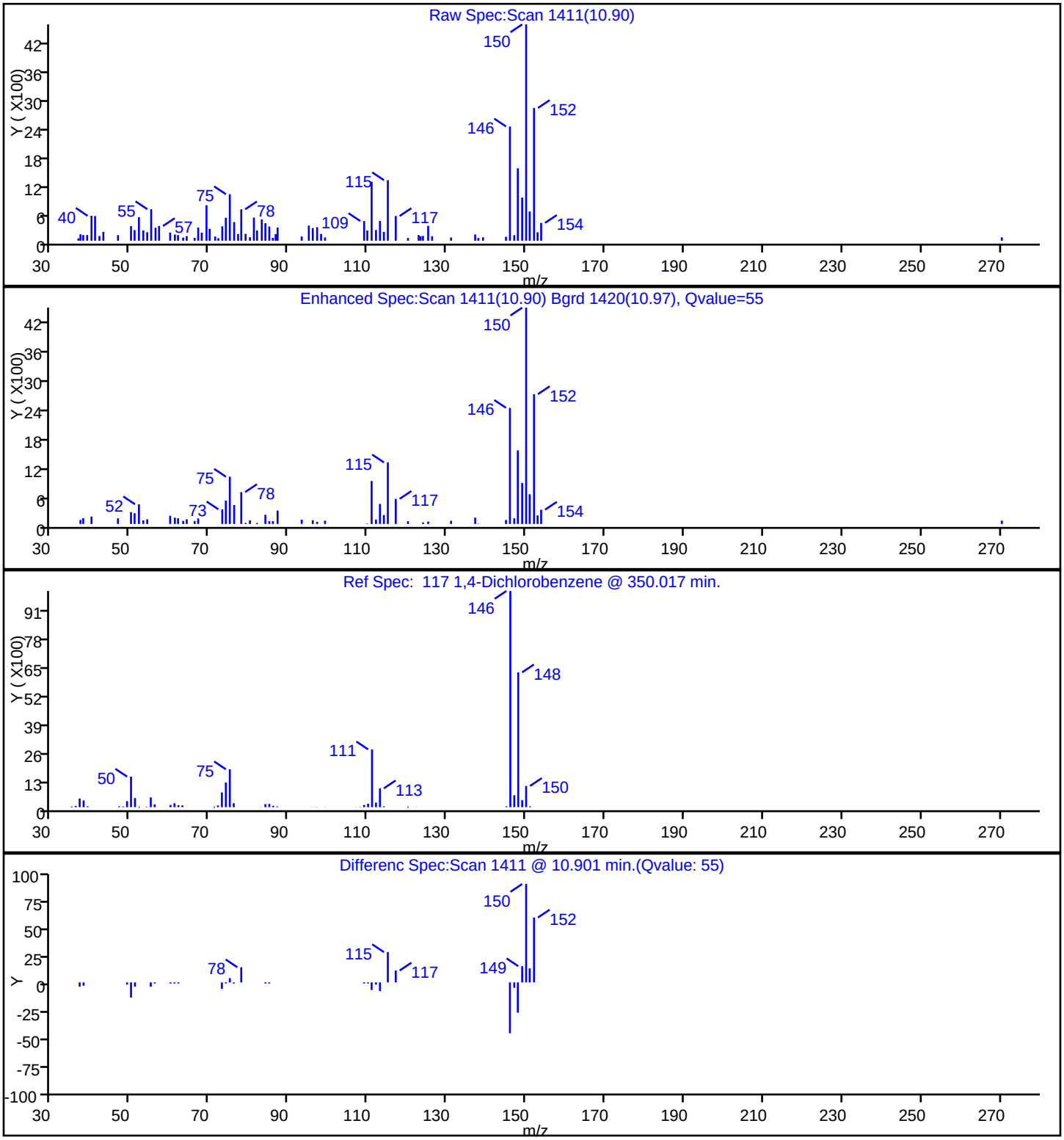
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77961.D

Injection Date:	17-Sep-2013 15:07:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	25
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



Report Date: 20-Sep-2013 14:27:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77961.D

Injection Date: 17-Sep-2013 15:07:30 Limit Group: VOA - 8260B Water and Solid

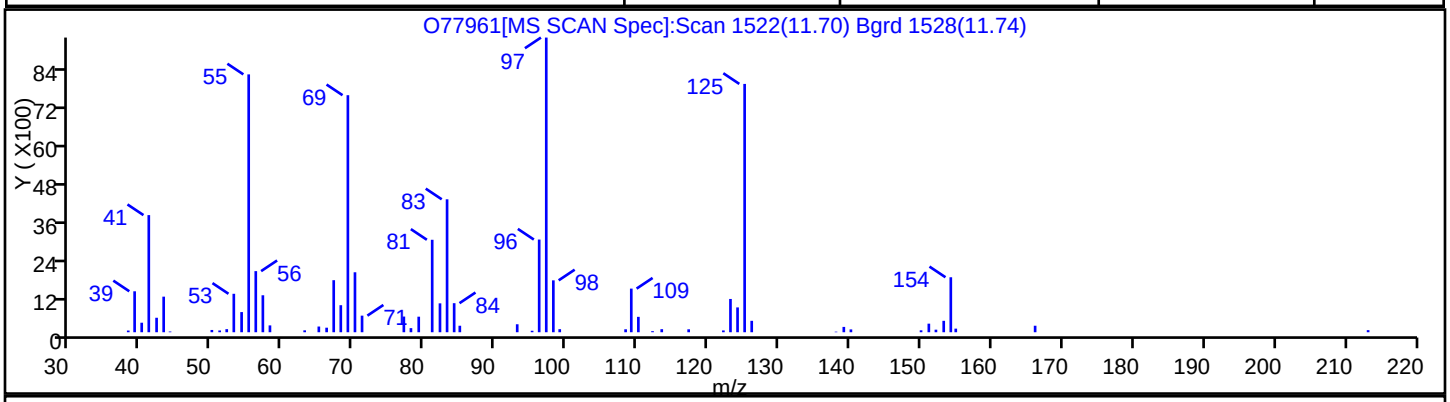
Client ID: PMP-32SE-WT Instrument ID: CVOAMS12

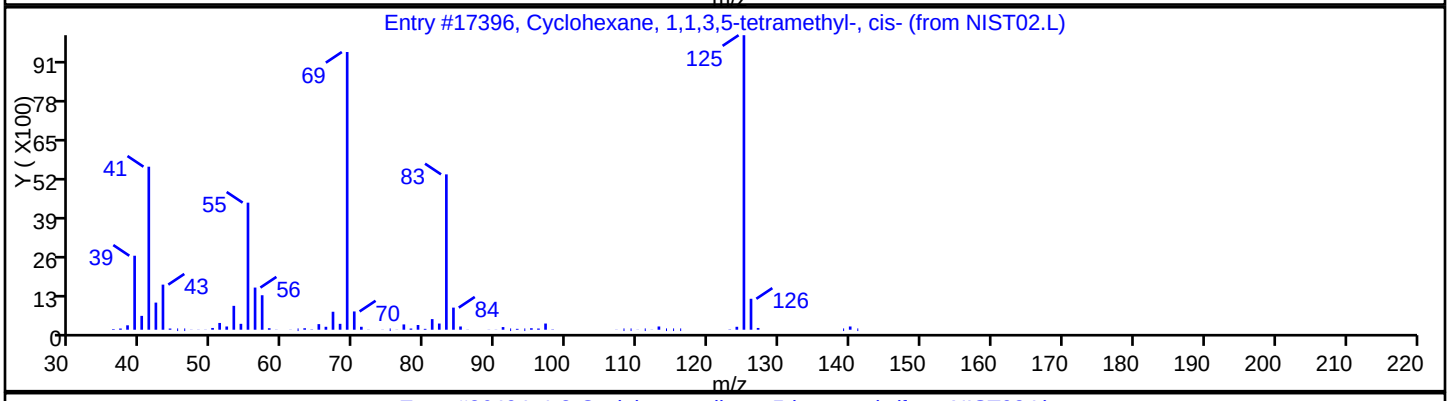
Lims Batch ID: 181663 Lims Sample ID: 25

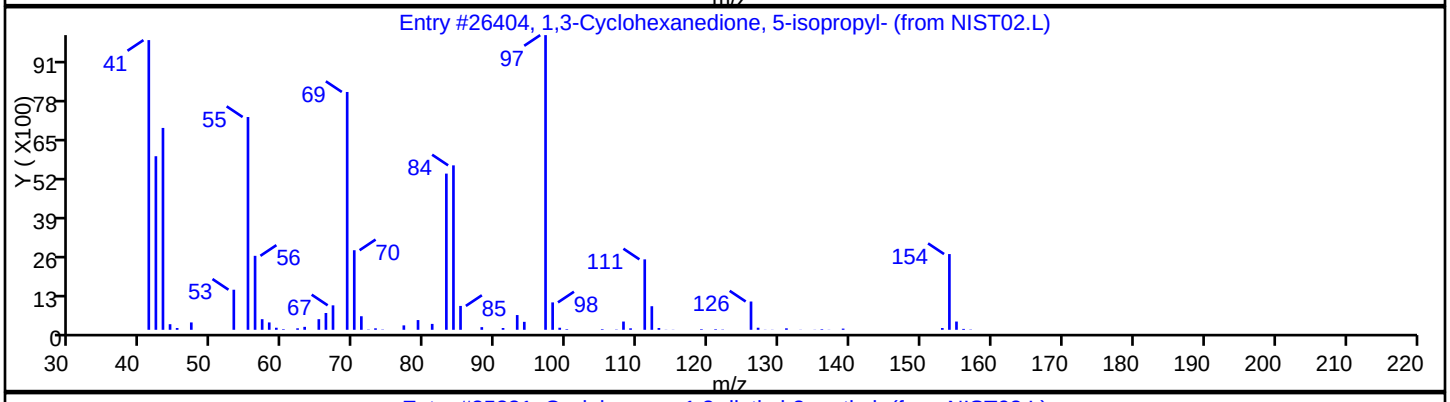
Operator ID: VOA GC/MS12 Purge Vol: 5.000 mL

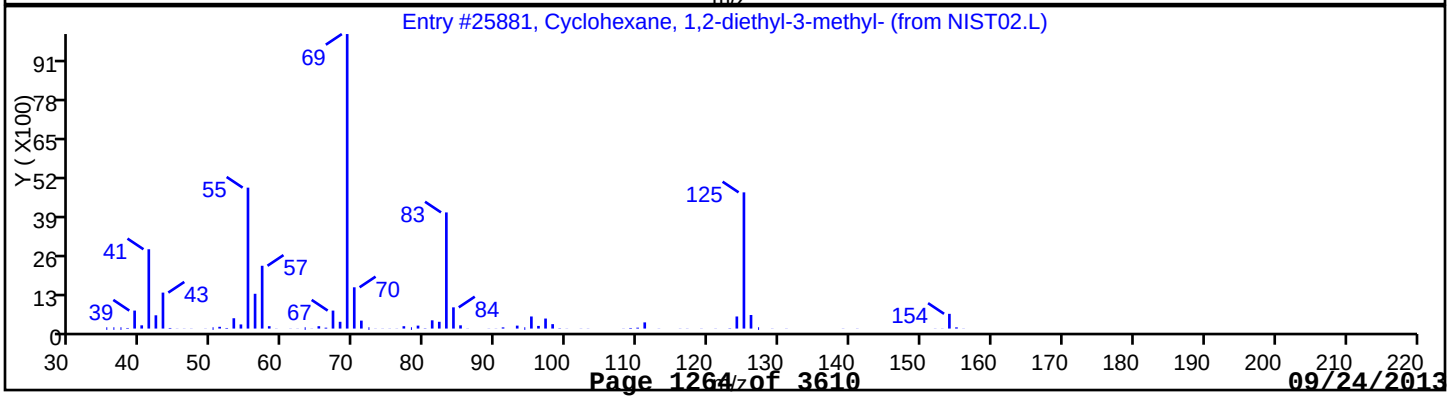
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Cyclohexane, 1,1,3,5-tetramethyl-, cis-	50876-32-9	NIST02.L	17396	49
1,3-Cyclohexanedione, 5-isopropyl-	18456-87-6	NIST02.L	26404	47
Cyclohexane, 1,2-diethyl-3-methyl-	61141-80-8	NIST02.L	25881	46









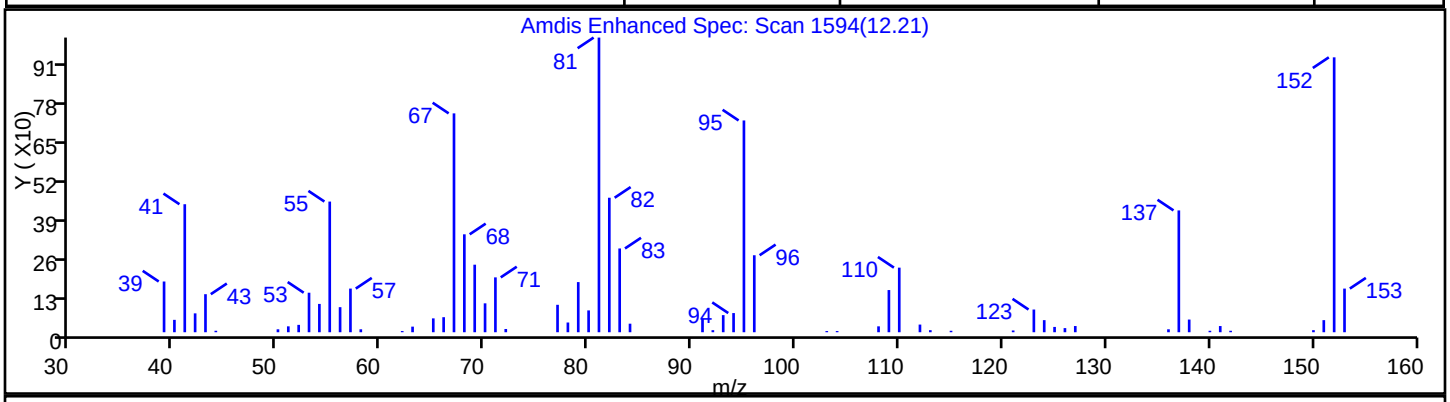
Report Date: 20-Sep-2013 14:27:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

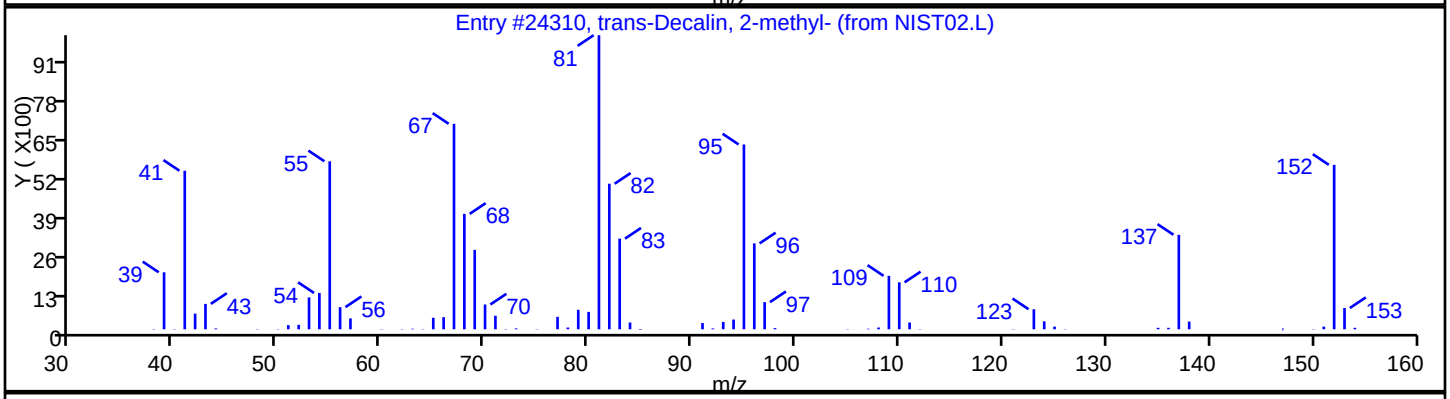
TestAmerica Edison

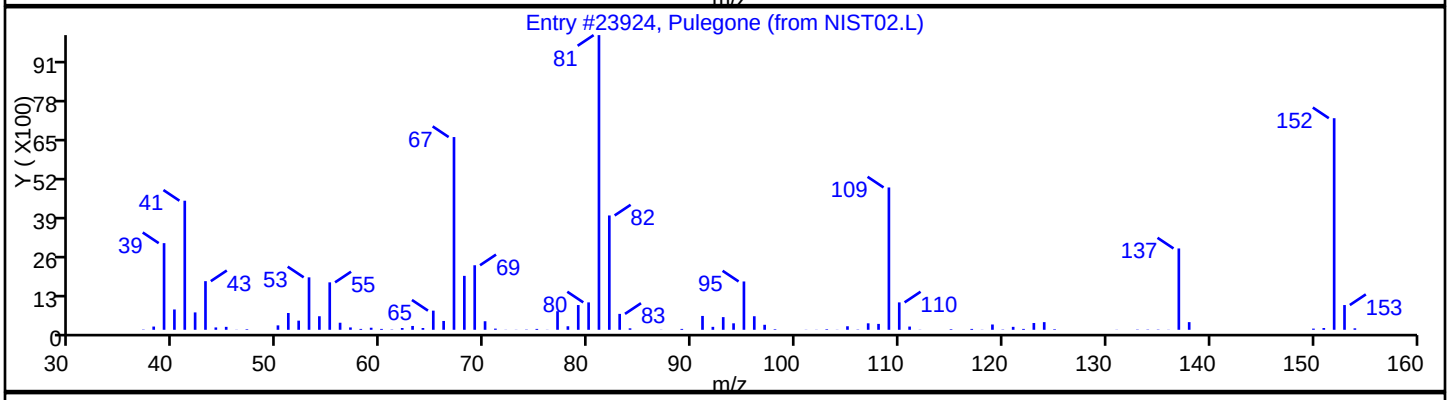
Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77961.D

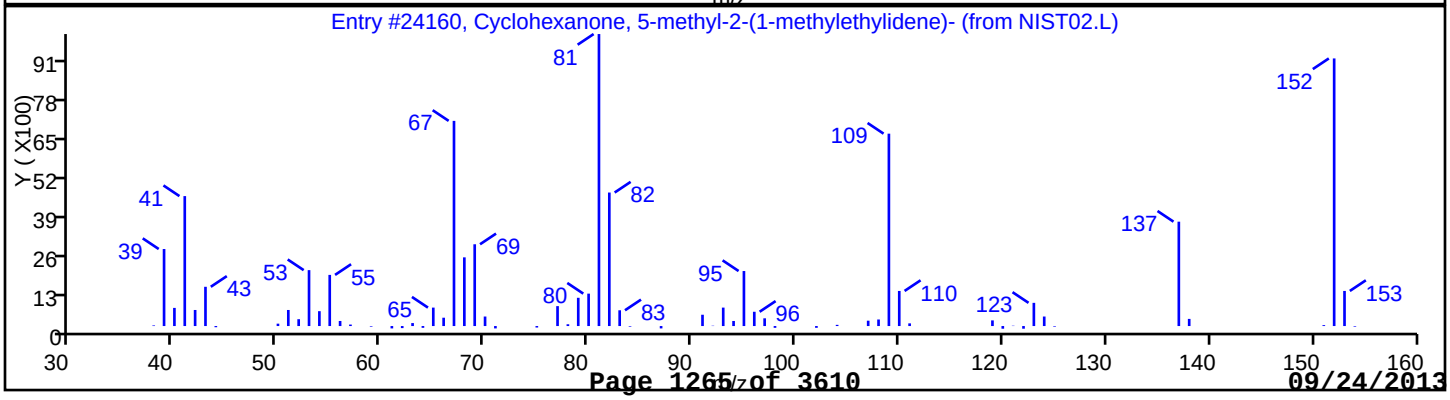
Injection Date:	17-Sep-2013 15:07:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	25
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	95
Pulegone	89-82-7	NIST02.L	23924	83
Cyclohexanone, 5-methyl-2-(1-methylethyl	15932-80-6	NIST02.L	24160	74



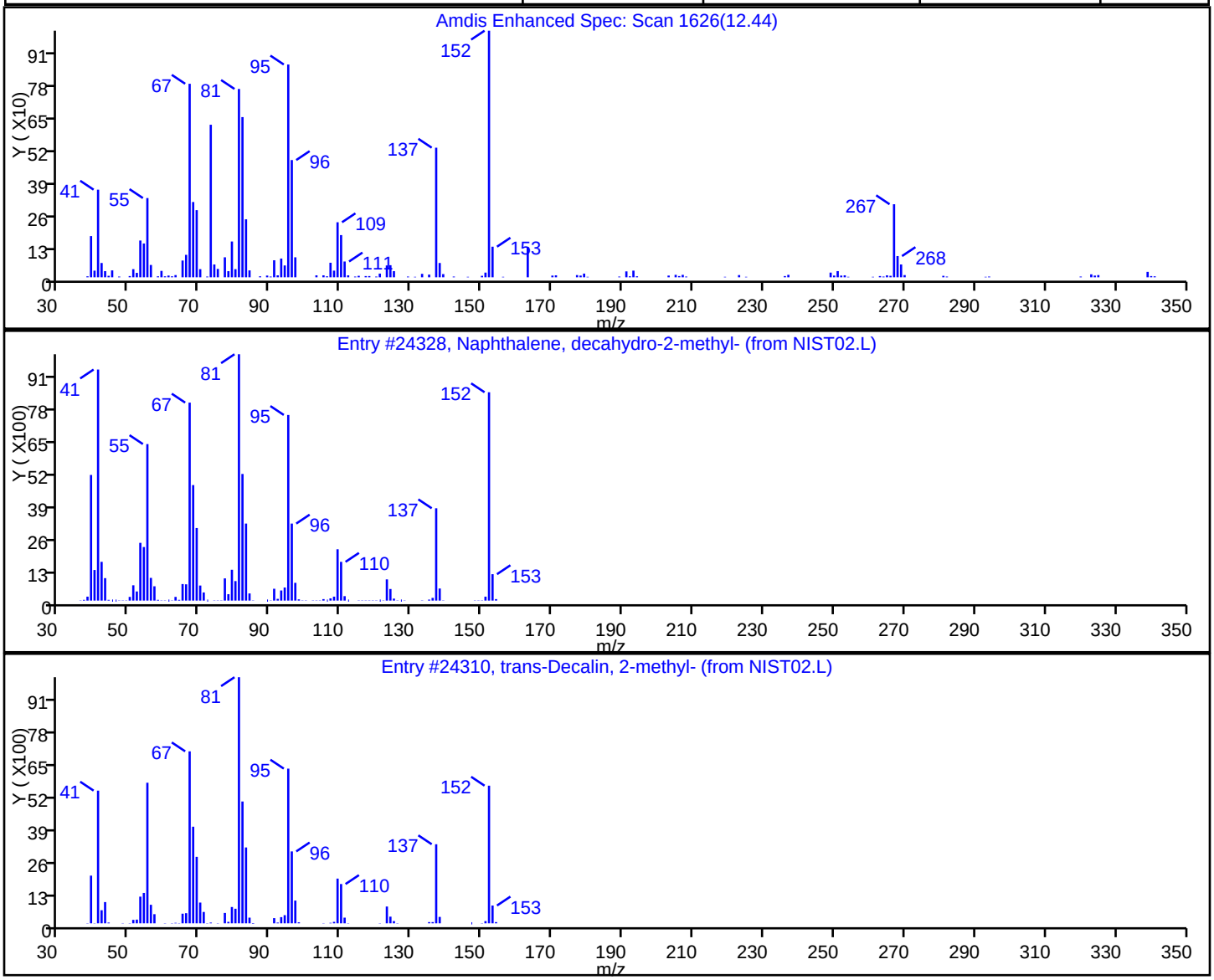






Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77961.D
Injection Date: 17-Sep-2013 15:07:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-32SE-WT Instrument ID: CVOAMS12
Lims Batch ID: 181663 Lims Sample ID: 25
Operator ID: VOA GC/MS12 Purge Vol: 5.000 mL
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	90
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	70

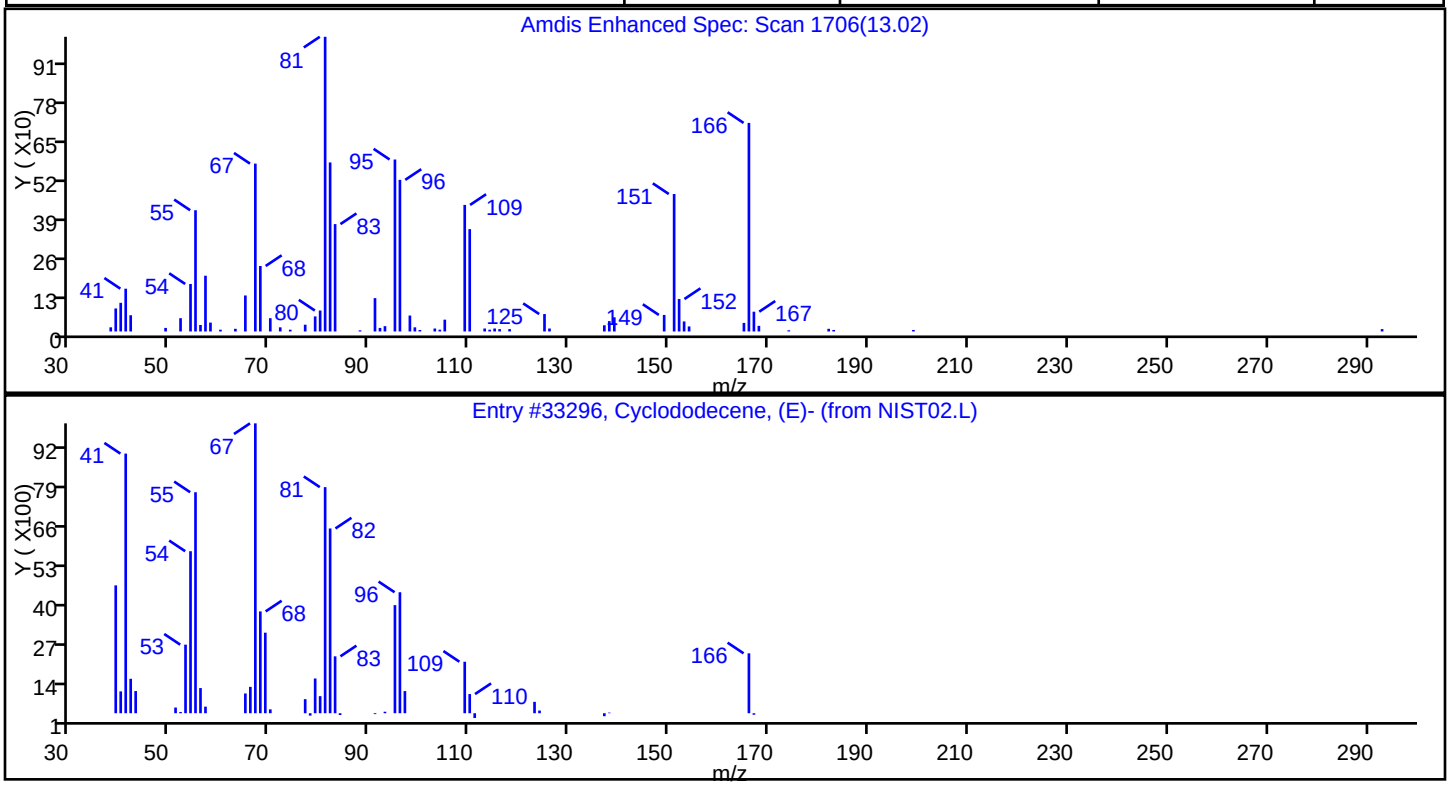


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77961.D

Injection Date:	17-Sep-2013 15:07:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	25
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Cyclododecene, (E)-	1486-75-5	NIST02.L	33296	87



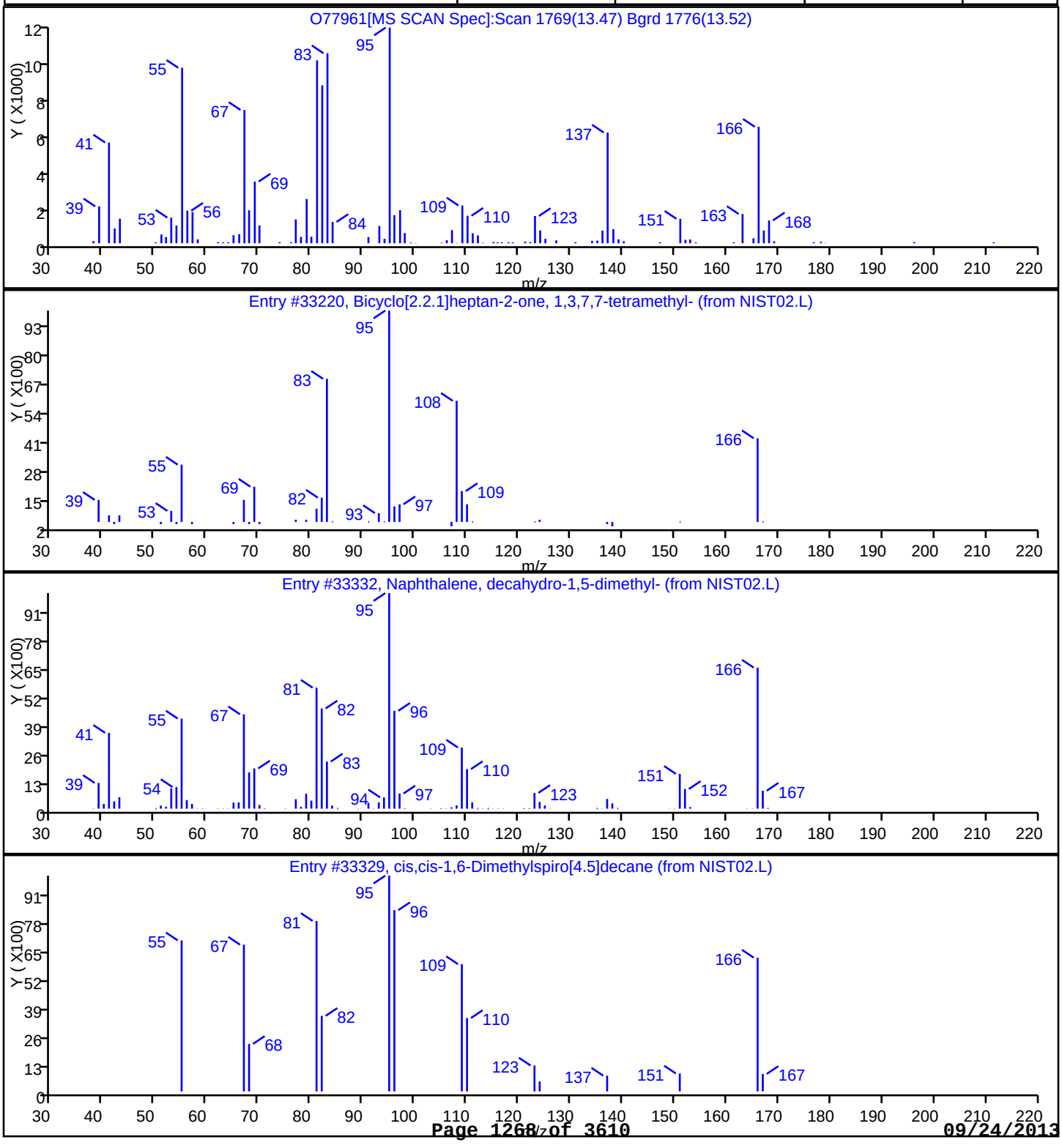
Report Date: 20-Sep-2013 14:27:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77961.D

Injection Date:	17-Sep-2013 15:07:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	25
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Bicyclo[2.2.1]heptan-2-one, 1,3,7,7-tetr	5811-48-3	NIST02.L	33220	55
Naphthalene, decahydro-1,5-dimethyl-	66552-62-3	NIST02.L	33332	52
cis,cis-1,6-Dimethylspiro[4.5]decane	1000111-72-4	NIST02.L	33329	49



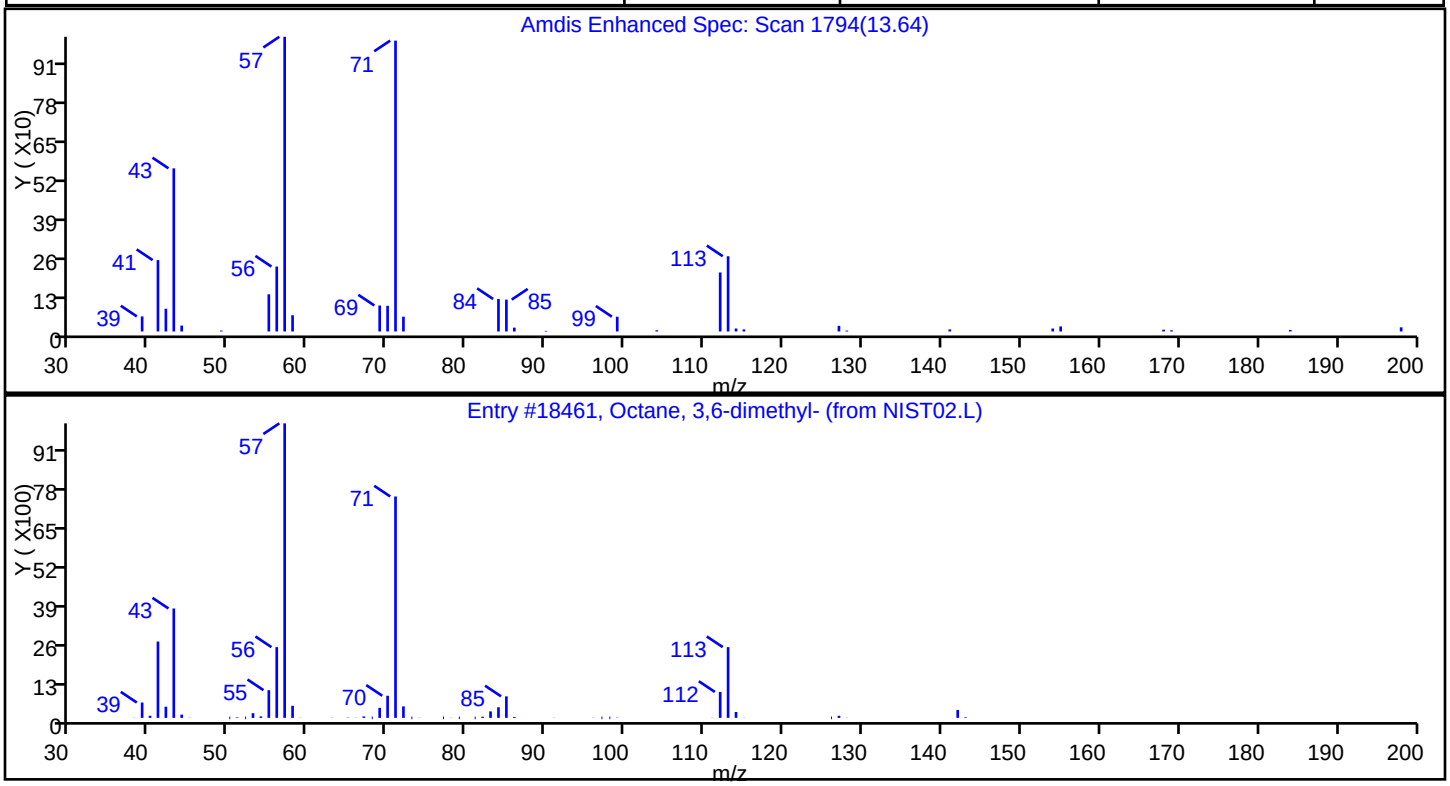
Report Date: 20-Sep-2013 14:27:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77961.D

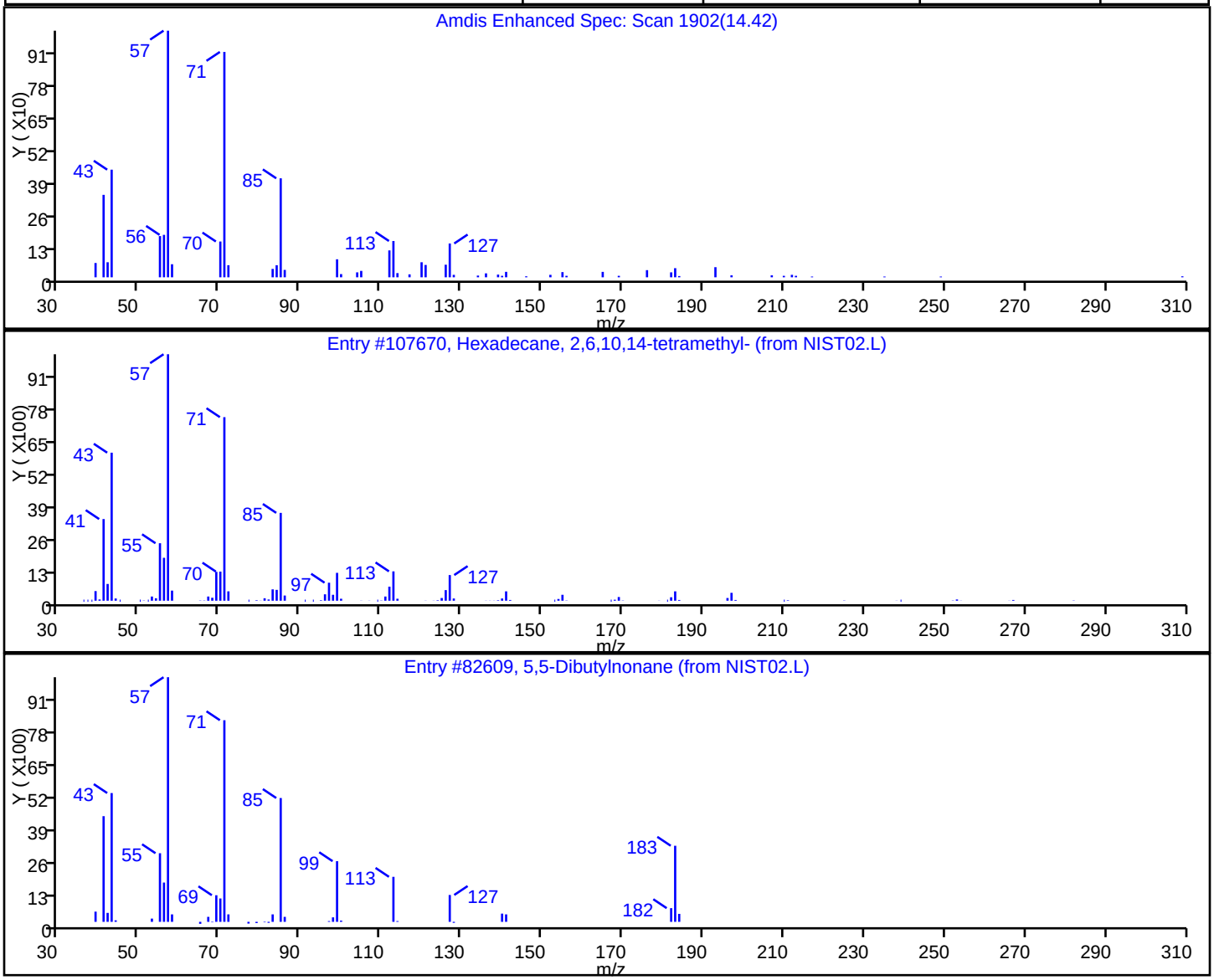
Injection Date:	17-Sep-2013 15:07:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	25
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Octane, 3,6-dimethyl-	15869-94-0	NIST02.L	18461	72



Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77961.D
Injection Date: 17-Sep-2013 15:07:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-32SE-WT Instrument ID: CVOAMS12
Lims Batch ID: 181663 Lims Sample ID: 25
Operator ID: VOA GC/MS12 Purge Vol: 5.000 mL
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	90
5,5-Dibutylnonane	6008-17-9	NIST02.L	82609	80



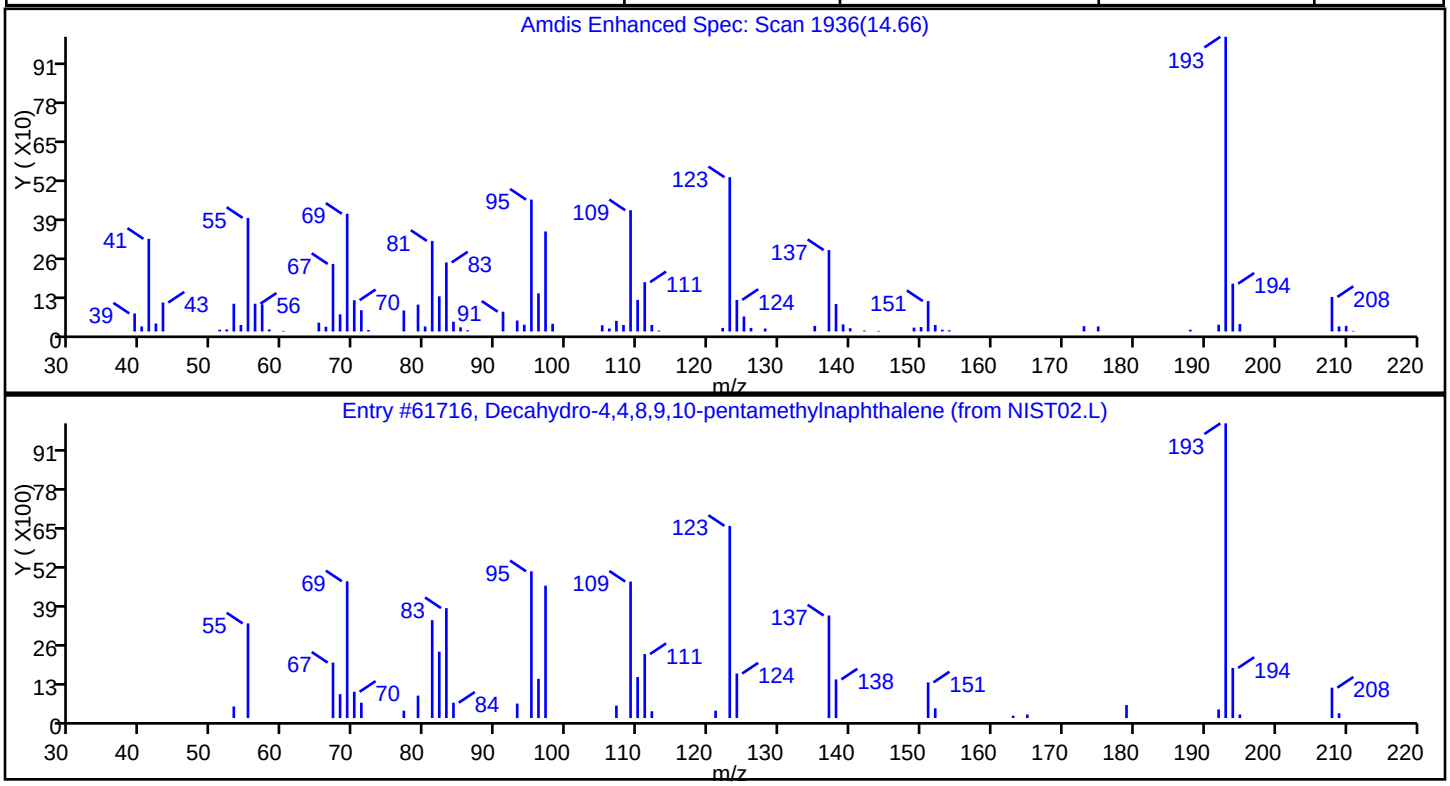
Report Date: 20-Sep-2013 14:27:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77961.D

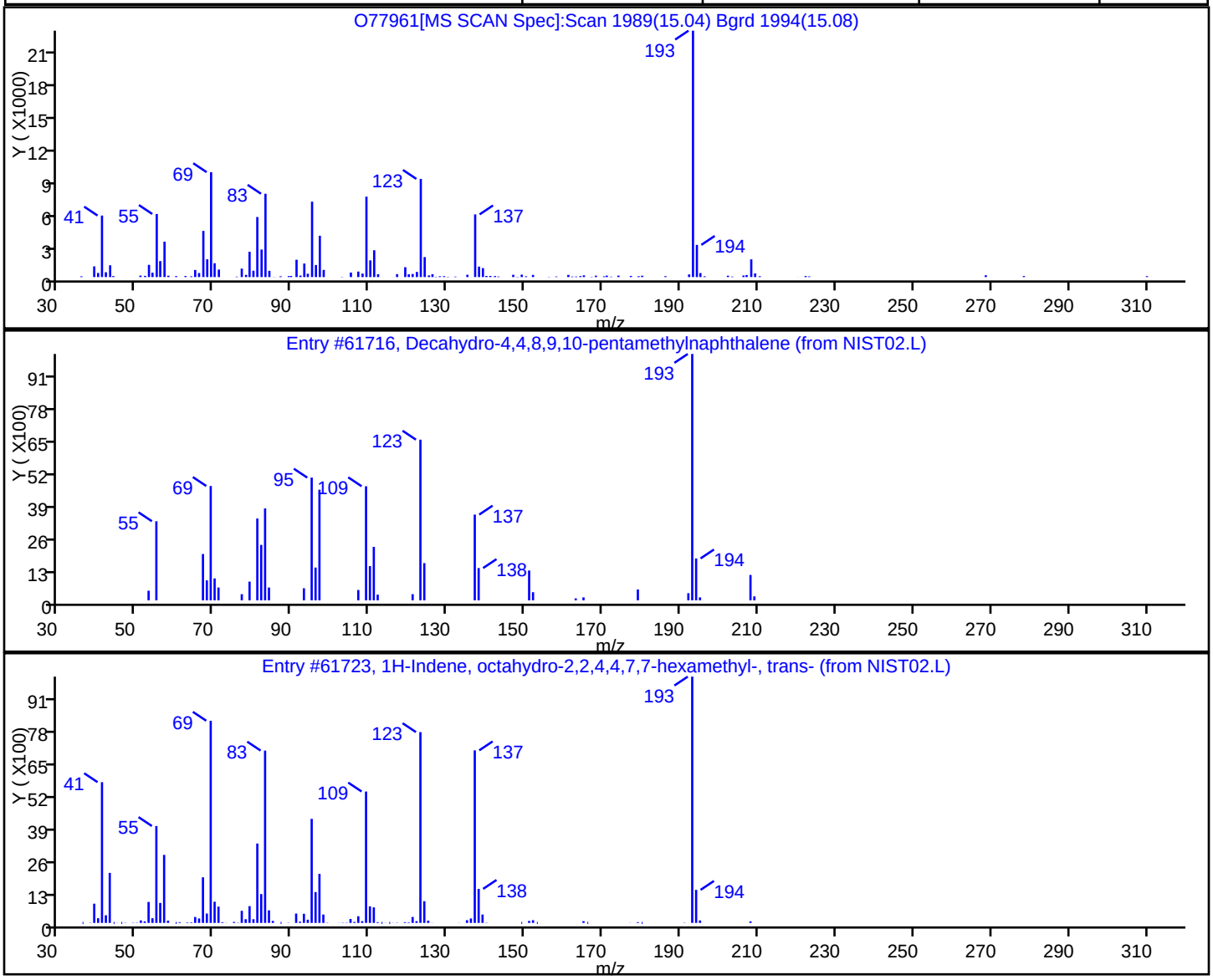
Injection Date:	17-Sep-2013 15:07:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-32SE-WT	Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	25
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	97



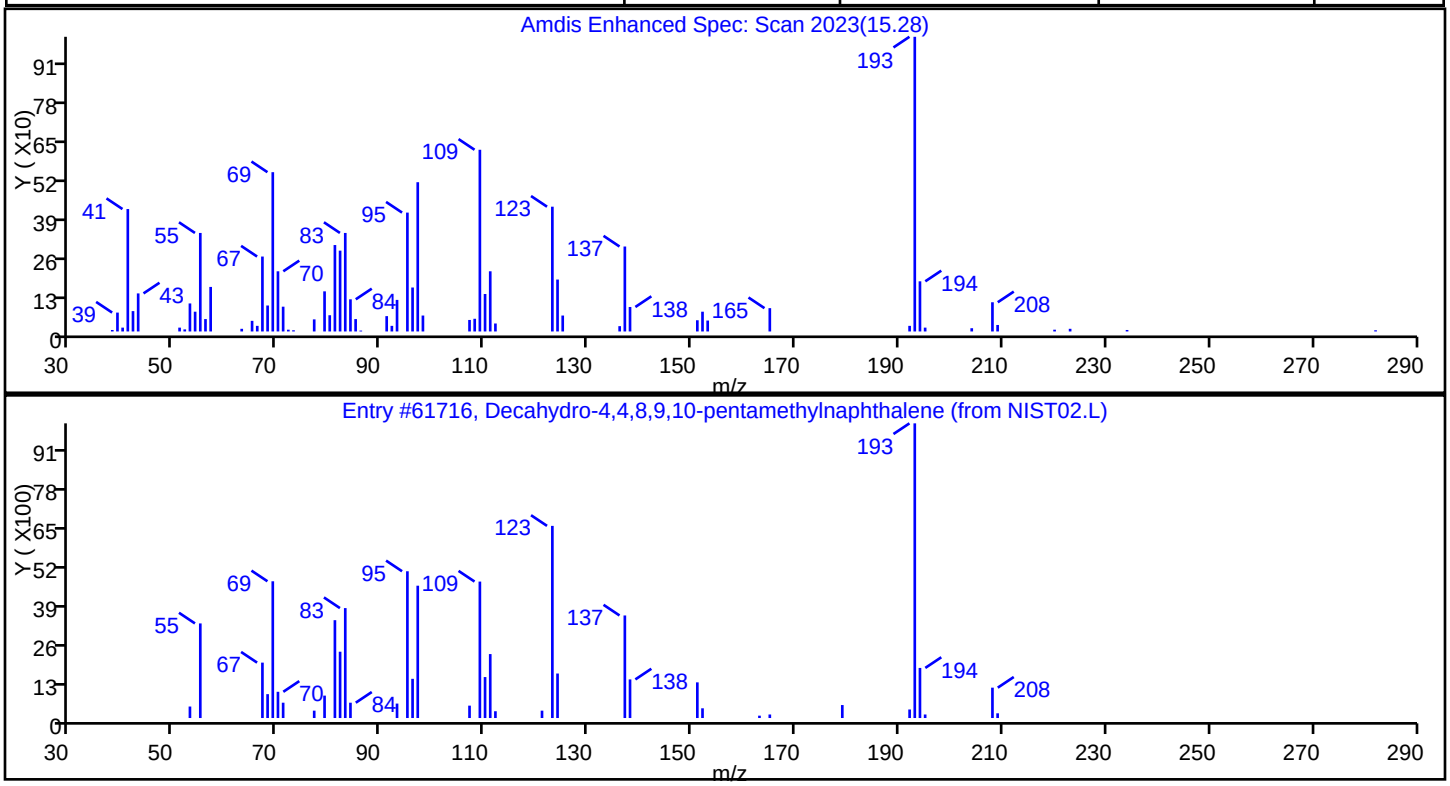
Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77961.D
Injection Date: 17-Sep-2013 15:07:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-32SE-WT Instrument ID: CVOAMS12
Lims Batch ID: 181663 Lims Sample ID: 25
Operator ID: VOA GC/MS12 Purge Vol: 5.000 mL
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	64
1H-Indene, octahydro-2,2,4,4,7,7-hexamet	54832-83-6	NIST02.L	61723	42



Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77961.D
Injection Date: 17-Sep-2013 15:07:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-32SE-WT Instrument ID: CVOAMS12
Lims Batch ID: 181663 Lims Sample ID: 25
Operator ID: VOA GC/MS12 Purge Vol: 5.000 mL
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	89



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP-091313 | Lab Sample ID: 460-62993-40

Matrix: Solid | Lab File ID: O77968.D

Analysis Method: 8260B | Date Collected: 09/13/2013 00:00

Sample wt/vol: 5.859(g) | Date Analyzed: 09/17/2013 18:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.9 | Level: (low/med) Low

Analysis Batch No.: 181813 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.14	U	0.89	0.14
74-83-9	Bromomethane	0.38	U	0.89	0.38
75-01-4	Vinyl chloride	0.30	U	0.89	0.30
75-00-3	Chloroethane	0.29	U	0.89	0.29
75-09-2	Methylene Chloride	0.13	U	0.89	0.13
67-64-1	Acetone	14	B	4.4	1.5
75-15-0	Carbon disulfide	0.13	U	0.89	0.13
75-69-4	Trichlorofluoromethane	0.14	U	0.89	0.14
75-35-4	1,1-Dichloroethene	0.17	U	0.89	0.17
75-34-3	1,1-Dichloroethane	0.098	U	0.89	0.098
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.89	0.12
156-59-2	cis-1,2-Dichloroethene	0.098	U	0.89	0.098
67-66-3	Chloroform	0.21	U	0.89	0.21
78-93-3	2-Butanone	0.56	U	4.4	0.56
107-06-2	1,2-Dichloroethane	0.16	U	0.89	0.16
71-55-6	1,1,1-Trichloroethane	0.12	U	0.89	0.12
56-23-5	Carbon tetrachloride	0.13	U	0.89	0.13
71-43-2	Benzene	0.13	U	0.89	0.13
75-25-2	Bromoform	0.15	U	0.89	0.15
100-42-5	Styrene	0.25	U	0.89	0.25
100-41-4	Ethylbenzene	0.15	U	0.89	0.15
108-90-7	Chlorobenzene	0.16	U	0.89	0.16
110-82-7	Cyclohexane	0.12	U	0.89	0.12
98-82-8	Isopropylbenzene	0.098	U	0.89	0.098
591-78-6	2-Hexanone	0.12	U	4.4	0.12
1634-04-4	MTBE	0.098	U	0.89	0.098
76-13-1	Freon TF	0.098	U	0.89	0.098
79-20-9	Methyl acetate	0.28	U	0.89	0.28
123-91-1	1,4-Dioxane	11	U	18	11
79-01-6	Trichloroethene	0.11	U	0.89	0.11
108-88-3	Toluene	0.12	U	0.89	0.12
10061-02-6	trans-1,3-Dichloropropene	0.089	U	0.89	0.089
108-10-1	4-Methyl-2-pentanone	0.18	U	4.4	0.18
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.89	0.12
95-50-1	1,2-Dichlorobenzene	0.089	U	0.89	0.089
541-73-1	1,3-Dichlorobenzene	0.14	U	0.89	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP-091313 | Lab Sample ID: 460-62993-40

Matrix: Solid | Lab File ID: O77968.D

Analysis Method: 8260B | Date Collected: 09/13/2013 00:00

Sample wt/vol: 5.859(g) | Date Analyzed: 09/17/2013 18:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.9 | Level: (low/med) Low

Analysis Batch No.: 181813 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.098	U	0.89	0.098
120-82-1	1,2,4-Trichlorobenzene	0.37	J	0.89	0.17
87-61-6	1,2,3-Trichlorobenzene	0.29	J	0.89	0.14
78-87-5	1,2-Dichloropropane	0.13	U	0.89	0.13
108-87-2	Methylcyclohexane	0.089	U	0.89	0.089
127-18-4	Tetrachloroethene	0.11	U	0.89	0.11
1330-20-7	Xylenes, Total	0.60	U	2.7	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	0.39	U	0.89	0.39
79-34-5	1,1,2,2-Tetrachloroethane	0.080	U	0.89	0.080
79-00-5	1,1,2-Trichloroethane	0.12	U	0.89	0.12
124-48-1	Dibromochloromethane	0.089	U	0.89	0.089
106-93-4	1,2-Dibromoethane	0.13	U	0.89	0.13
75-71-8	Dichlorodifluoromethane	0.20	U	0.89	0.20
74-97-5	Bromochloromethane	0.098	U	0.89	0.098
75-27-4	Bromodichloromethane	0.28	U	0.89	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		70-130
2037-26-5	Toluene-d8 (Surr)	112		70-130
460-00-4	Bromofluorobenzene	104		70-130
1868-53-7	Dibromofluoromethane (Surr)	105		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP-091313 Lab Sample ID: 460-62993-40

Matrix: Solid Lab File ID: O77968.D

Analysis Method: 8260B Date Collected: 09/13/2013 00:00

Sample wt/vol: 5.859(g) Date Analyzed: 09/17/2013 18:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.9 Level: (low/med) Low

Analysis Batch No.: 181813 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77968.D		
Lims ID:	460-62993-A-40-A	Client ID:	DUP-091313
Inject. Date:	17-Sep-2013 18:08:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-40-A		
Misc. Info.:	460-0004727-007		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	6
Lims Batch ID:	181813	Lims Sample ID:	7
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\8260S_12.m		
Last Update:	20-Sep-2013 15:29:19	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK026		
First Level Reviewer: tupayachia		Date:	18-Sep-2013 11:25:36

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.625	1.632	-0.007	86	9348	15.6	
* 151 TBA-d9 (IS)	65	1.897	1.904	-0.007	96	227070	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	98	85957	52.3	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.359	3.358	0.001	87	86781	59.8	
* 59 Fluorobenzene	96	3.652	3.652	0.0	100	356399	50.0	
* 150 1,4-Dioxane-d8	96	4.340	4.361	-0.021	81	20870	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	383746	55.9	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	343069	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	95	139003	51.8	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	194026	50.0	
124 1,2,4-Trichlorobenzene	180	13.229	13.229	0.0	53	2232	0.4208	
128 1,2,3-Trichlorobenzene	180	13.645	13.645	0.0	30	1525	0.3274	

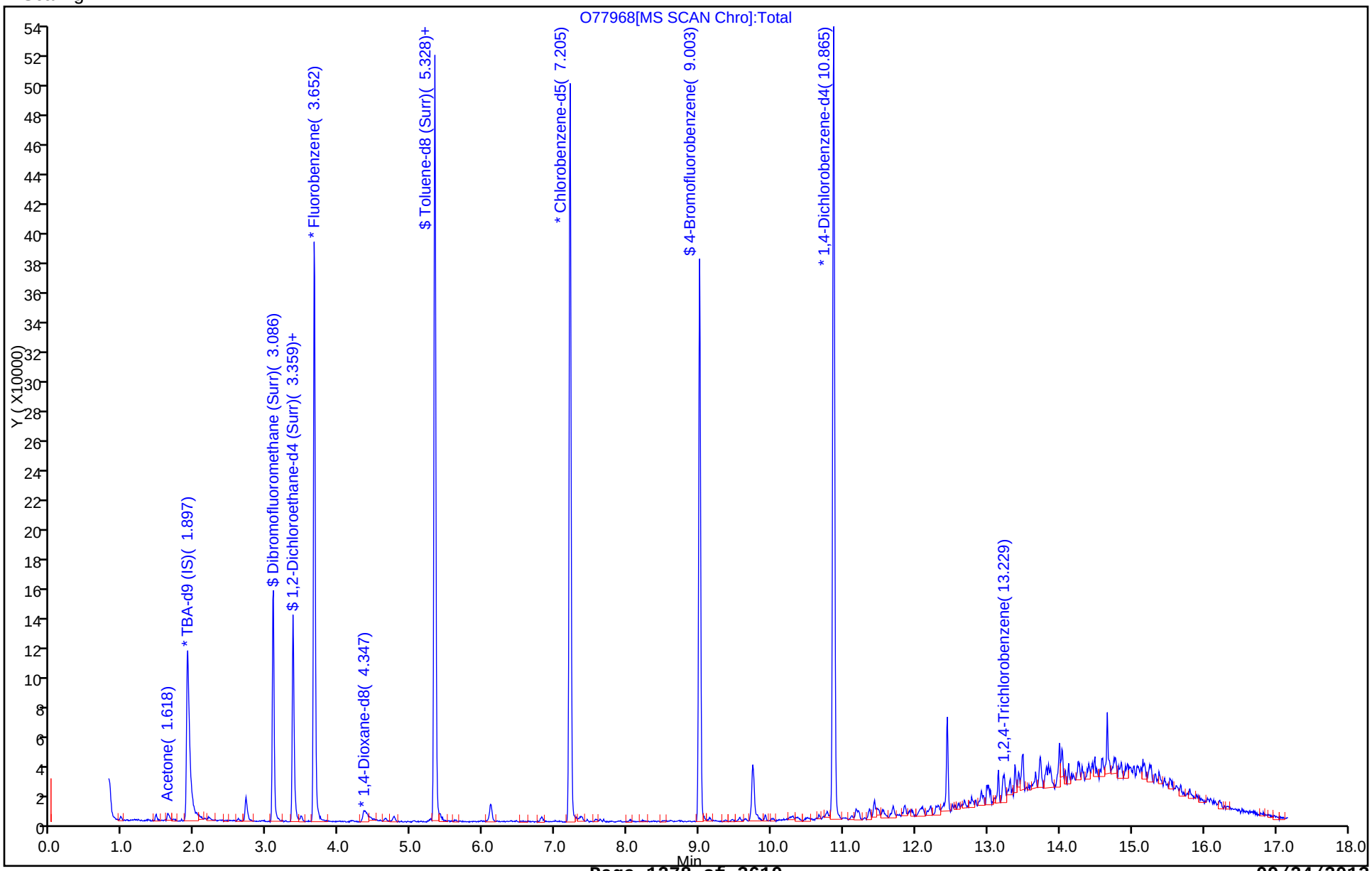
Report Date: 20-Sep-2013 15:34:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77968.D

Injection Date:	17-Sep-2013 18:08:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	7
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



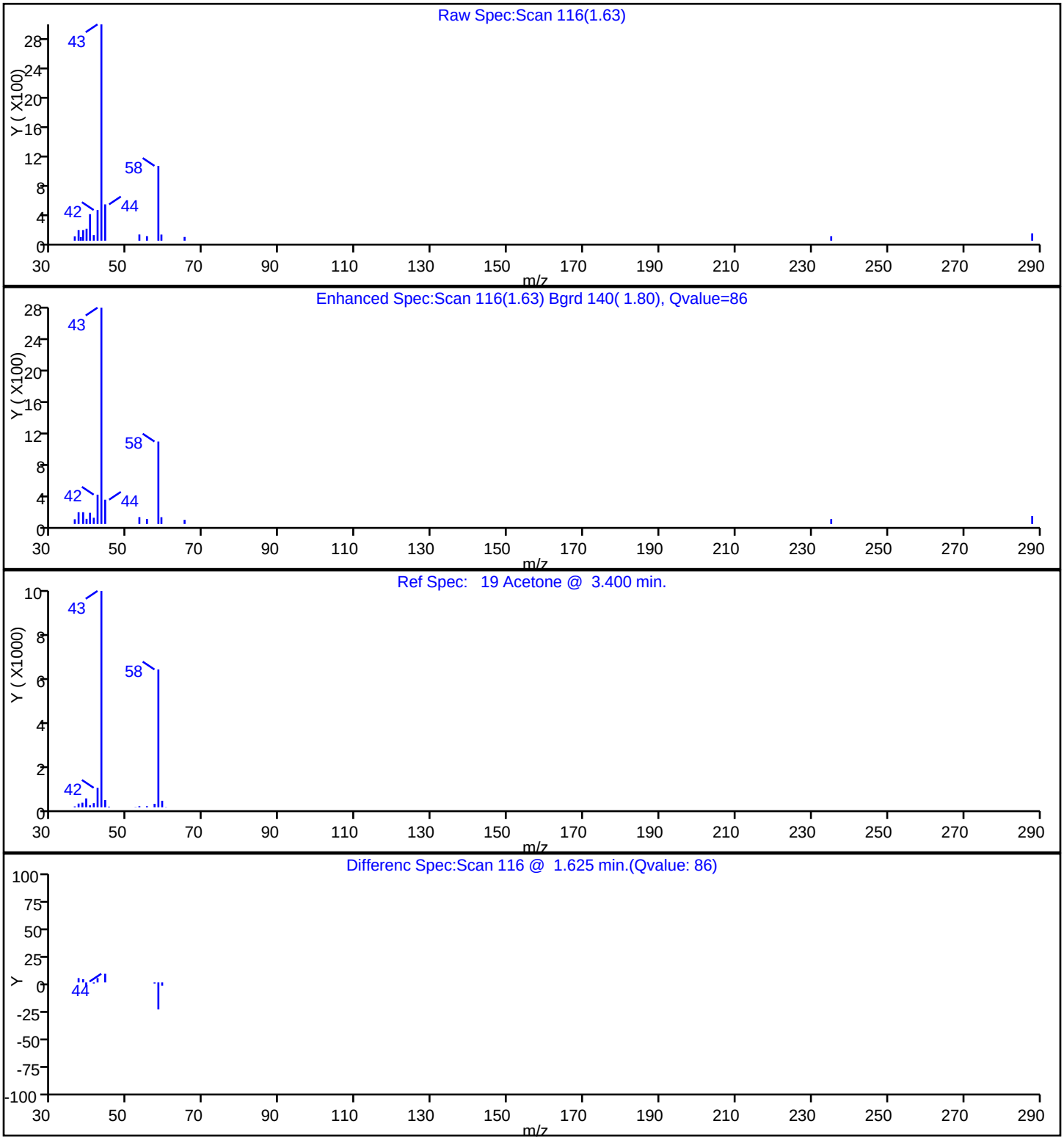
Report Date: 20-Sep-2013 15:34:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77968.D

Injection Date:	17-Sep-2013 18:08:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	7
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



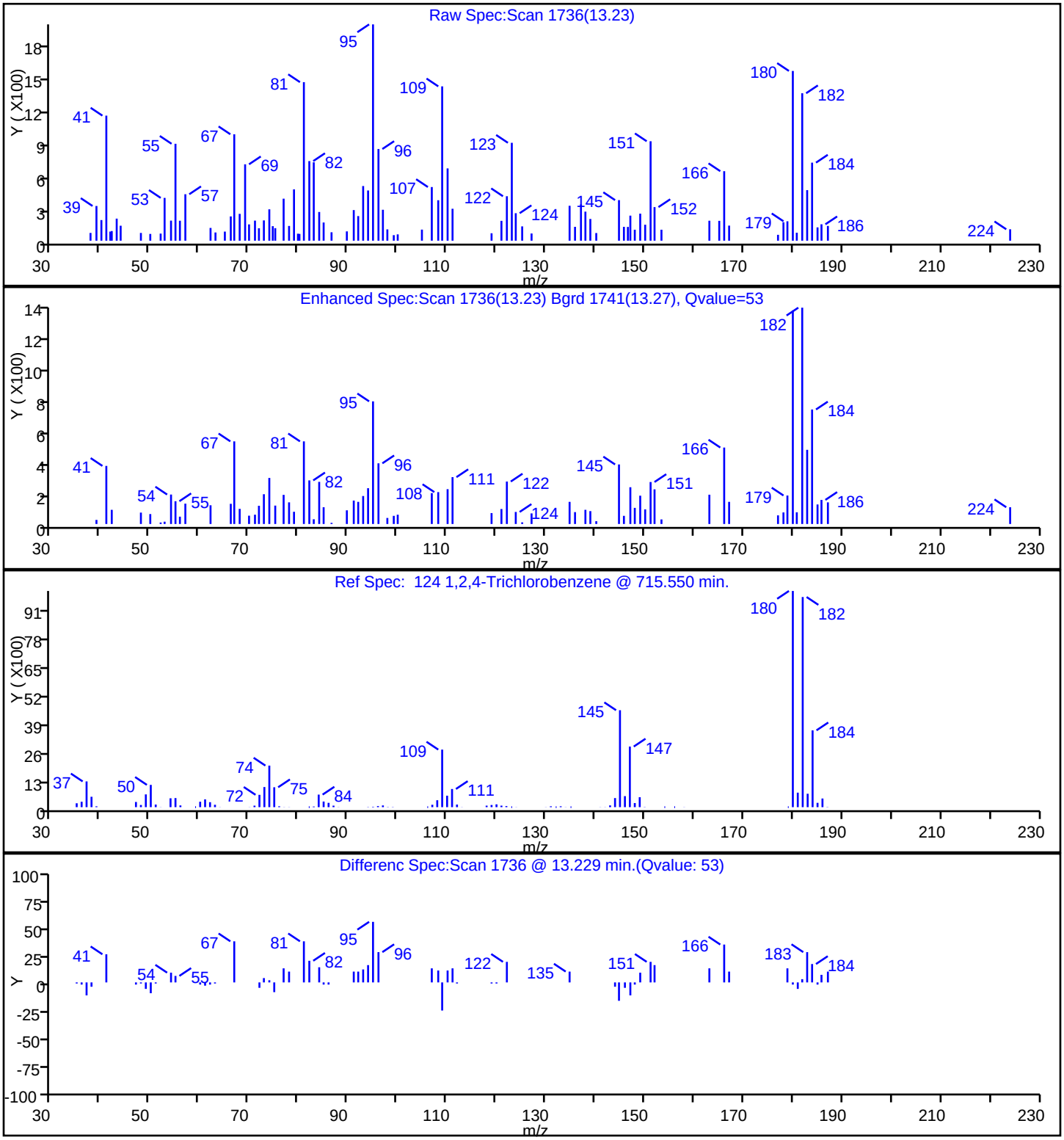
Report Date: 20-Sep-2013 15:34:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77968.D

Injection Date:	17-Sep-2013 18:08:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	7
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



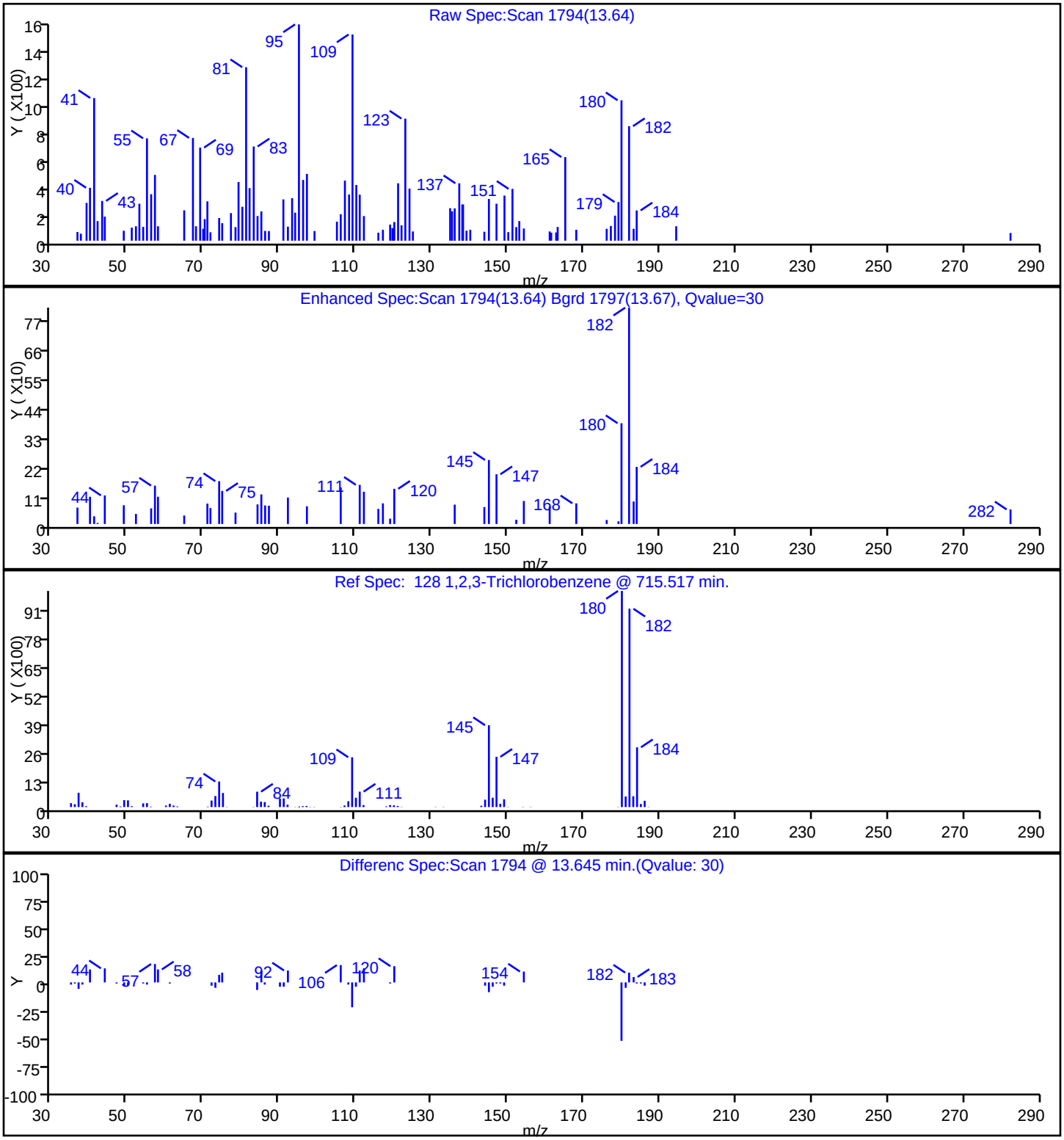
Report Date: 20-Sep-2013 15:34:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77968.D

Injection Date:	17-Sep-2013 18:08:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	7
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

128 1,2,3-Trichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP1-091313 | Lab Sample ID: 460-62993-41

Matrix: Solid | Lab File ID: O78120.D

Analysis Method: 8260B | Date Collected: 09/13/2013 00:00

Sample wt/vol: 6.296(g) | Date Analyzed: 09/20/2013 15:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.2 | Level: (low/med) Low

Analysis Batch No.: 182287 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.14	U	0.90	0.14
74-83-9	Bromomethane	0.39	U	0.90	0.39
75-01-4	Vinyl chloride	0.31	U	0.90	0.31
75-00-3	Chloroethane	0.30	U	0.90	0.30
75-09-2	Methylene Chloride	0.14	U	0.90	0.14
67-64-1	Acetone	28	B	4.5	1.5
75-15-0	Carbon disulfide	0.14	U	0.90	0.14
75-69-4	Trichlorofluoromethane	0.14	U	0.90	0.14
75-35-4	1,1-Dichloroethene	0.17	U	0.90	0.17
75-34-3	1,1-Dichloroethane	0.099	U	0.90	0.099
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.90	0.12
156-59-2	cis-1,2-Dichloroethene	0.099	U	0.90	0.099
67-66-3	Chloroform	10		0.90	0.22
78-93-3	2-Butanone	2.1	J	4.5	0.57
107-06-2	1,2-Dichloroethane	0.16	U	0.90	0.16
71-55-6	1,1,1-Trichloroethane	0.12	U	0.90	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.90	0.14
71-43-2	Benzene	0.14	U	0.90	0.14
75-25-2	Bromoform	0.15	U	0.90	0.15
100-42-5	Styrene	0.25	U	0.90	0.25
100-41-4	Ethylbenzene	0.15	U	0.90	0.15
108-90-7	Chlorobenzene	0.16	U	0.90	0.16
110-82-7	Cyclohexane	0.12	U	0.90	0.12
98-82-8	Isopropylbenzene	0.099	U	0.90	0.099
591-78-6	2-Hexanone	0.12	U	4.5	0.12
1634-04-4	MTBE	0.099	U	0.90	0.099
76-13-1	Freon TF	0.099	U	0.90	0.099
79-20-9	Methyl acetate	2.6		0.90	0.29
123-91-1	1,4-Dioxane	11	U	18	11
79-01-6	Trichloroethene	0.20	J	0.90	0.11
108-88-3	Toluene	0.13	U	0.90	0.13
10061-02-6	trans-1,3-Dichloropropene	0.090	U	0.90	0.090
108-10-1	4-Methyl-2-pentanone	0.18	U	4.5	0.18
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.90	0.13
95-50-1	1,2-Dichlorobenzene	0.090	U	0.90	0.090
541-73-1	1,3-Dichlorobenzene	0.14	U	0.90	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP1-091313 | Lab Sample ID: 460-62993-41

Matrix: Solid | Lab File ID: O78120.D

Analysis Method: 8260B | Date Collected: 09/13/2013 00:00

Sample wt/vol: 6.296(g) | Date Analyzed: 09/20/2013 15:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.2 | Level: (low/med) Low

Analysis Batch No.: 182287 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.099	U	0.90	0.099
120-82-1	1,2,4-Trichlorobenzene	21		0.90	0.17
87-61-6	1,2,3-Trichlorobenzene	0.14	U	0.90	0.14
78-87-5	1,2-Dichloropropane	0.14	U	0.90	0.14
108-87-2	Methylcyclohexane	0.67	J	0.90	0.090
127-18-4	Tetrachloroethene	6.4		0.90	0.11
1330-20-7	Xylenes, Total	1.9	J	2.7	0.61
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	0.90	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.081	U	0.90	0.081
79-00-5	1,1,2-Trichloroethane	0.13	U	0.90	0.13
124-48-1	Dibromochloromethane	0.090	U	0.90	0.090
106-93-4	1,2-Dibromoethane	0.14	U	0.90	0.14
75-71-8	Dichlorodifluoromethane	0.20	U	0.90	0.20
74-97-5	Bromochloromethane	0.099	U	0.90	0.099
75-27-4	Bromodichloromethane	0.29	U	0.90	0.29

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	126		70-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
460-00-4	Bromofluorobenzene	94		70-130
1868-53-7	Dibromofluoromethane (Surr)	107		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP1-091313 | Lab Sample ID: 460-62993-41

Matrix: Solid | Lab File ID: O78120.D

Analysis Method: 8260B | Date Collected: 09/13/2013 00:00

Sample wt/vol: 6.296(g) | Date Analyzed: 09/20/2013 15:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.2 | Level: (low/med) Low

Analysis Batch No.: 182287 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 6180

CAS NO.	COMPOUND NAME	RT	RESULT	Q
594-82-1	Butane, 2,2,3,3-tetramethyl-	3.49	1300	J N
565-75-3	Pentane, 2,3,4-trimethyl-	4.66	1500	J N
560-21-4	Pentane, 2,3,3-trimethyl-	4.78	1200	J N
16747-26-5	Hexane, 2,2,4-trimethyl-	5.28	540	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	12.45	370	J N
	Unknown	12.88	270	J
1000111-72-3	cis,trans-1,6-Dimethylspiro[4.5]decane	13.03	300	J N
1008-80-6	Naphthalene, decahydro-2,3-dimethyl-	13.32	230	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	13.48	250	J N
54340-87-3	1H-Indene, 2,3-dihydro-1,4,7-trimethyl-	13.75	220	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D		
Lims ID:	460-62993-A-41-A	Client ID:	DUP1-091313
Inject. Date:	20-Sep-2013 15:44:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	BLK		
Misc. Info.:	460-0004833-026		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	25
Lims Batch ID:	182287	Lims Sample ID:	26
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\8260S_12.m		
Last Update:	20-Sep-2013 18:02:12	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK024		
First Level Reviewer: baronm		Date:	20-Sep-2013 18:02:12

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.625	1.625	0.0	87	19895	30.7	
23 Methyl acetate	43	1.811	1.811	0.0	98	7505	2.93	
* 151 TBA-d9 (IS)	65	1.897	1.904	-0.007	95	318350	1000.0	
43 2-Butanone (MEK)	72	2.728	2.743	-0.015	38	1028	2.33	
47 Chloroform	83	2.957	2.957	0.0	93	59315	11.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	97	110226	53.3	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.359	-0.001	88	115257	63.1	
* 59 Fluorobenzene	96	3.659	3.659	0.0	100	448650	50.0	
61 Trichloroethene	95	4.003	4.003	0.0	33	729	0.2169	
63 Methylcyclohexane	83	4.146	4.175	-0.029	53	4620	0.7442	
* 150 1,4-Dioxane-d8	96	4.340	4.347	-0.007	1	27764	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.335	5.328	0.007	99	477335	53.2	
80 Tetrachloroethene	166	6.073	6.073	0.0	88	30555	7.08	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	80	447782	50.0	
92 o-Xylene	106	8.208	8.201	0.007	88	13180	2.05	
$ 99 4-Bromofluorobenzene	174	9.010	9.003	0.007	89	164236	46.8	
* 116 1,4-Dichlorobenzene-d4	152	10.872	10.865	0.007	91	226946	50.0	
124 1,2,4-Trichlorobenzene	180	13.236	13.229	0.007	64	140923	22.7	
S 131 Xylenes, Total	100				0		2.05	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D		
Lims ID:	460-62993-A-41-A	Client ID:	DUP1-091313
Inject. Date:	20-Sep-2013 15:44:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	BLK		
Misc. Info.:	460-0004833-026		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	25
Lims Batch ID:	182287	Lims Sample ID:	26
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\8260S_12.m		
Last Update:	20-Sep-2013 18:02:12	Calib Date:	06-Aug-2013 22:09:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	40		
Process Host:	XAWRK024		
First Level Reviewer: baronm		Date:	20-Sep-2013 18:02:12

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	594-82-1	Butane, 2,2,3,3-tetramethyl-				
3.487	29936242	1455.6	59	83	7477	
	565-75-3	Pentane, 2,3,4-trimethyl-				
4.662	35122123	1707.8	59	91	7465	
	560-21-4	Pentane, 2,3,3-trimethyl-				
4.784	27851391	1354.2	59	90	7458	
	16747-26-5	Hexane, 2,2,4-trimethyl-				
5.278	12355339	600.8	59	83	12299	
	2958-76-1	Naphthalene, decahydro-2-methyl-				
12.448	12341135	411.5	87	87	24328	
		Unknown				
12.878	8841773	294.8	87	0	0	
	1000111-72-3	cis,trans-1,6-Dimethylspiro[4.5]decane				
13.029	10057920	335.4	87	70	33341	
	1008-80-6	Naphthalene, decahydro-2,3-dimethyl-				
13.322	7698757	256.7	87	83	33331	
	54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-				
13.480	8360060	278.7	87	90	44157	
	54340-87-3	1H-Indene, 2,3-dihydro-1,4,7-trimethyl-				
13.745	7299855	243.4	87	90	29417	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 59 Fluorobenzene	3.659	1028314	50.0
* 87 Chlorobenzene-d5	7.205	1499567	50.0

QC Flag Legend

Processing Flags

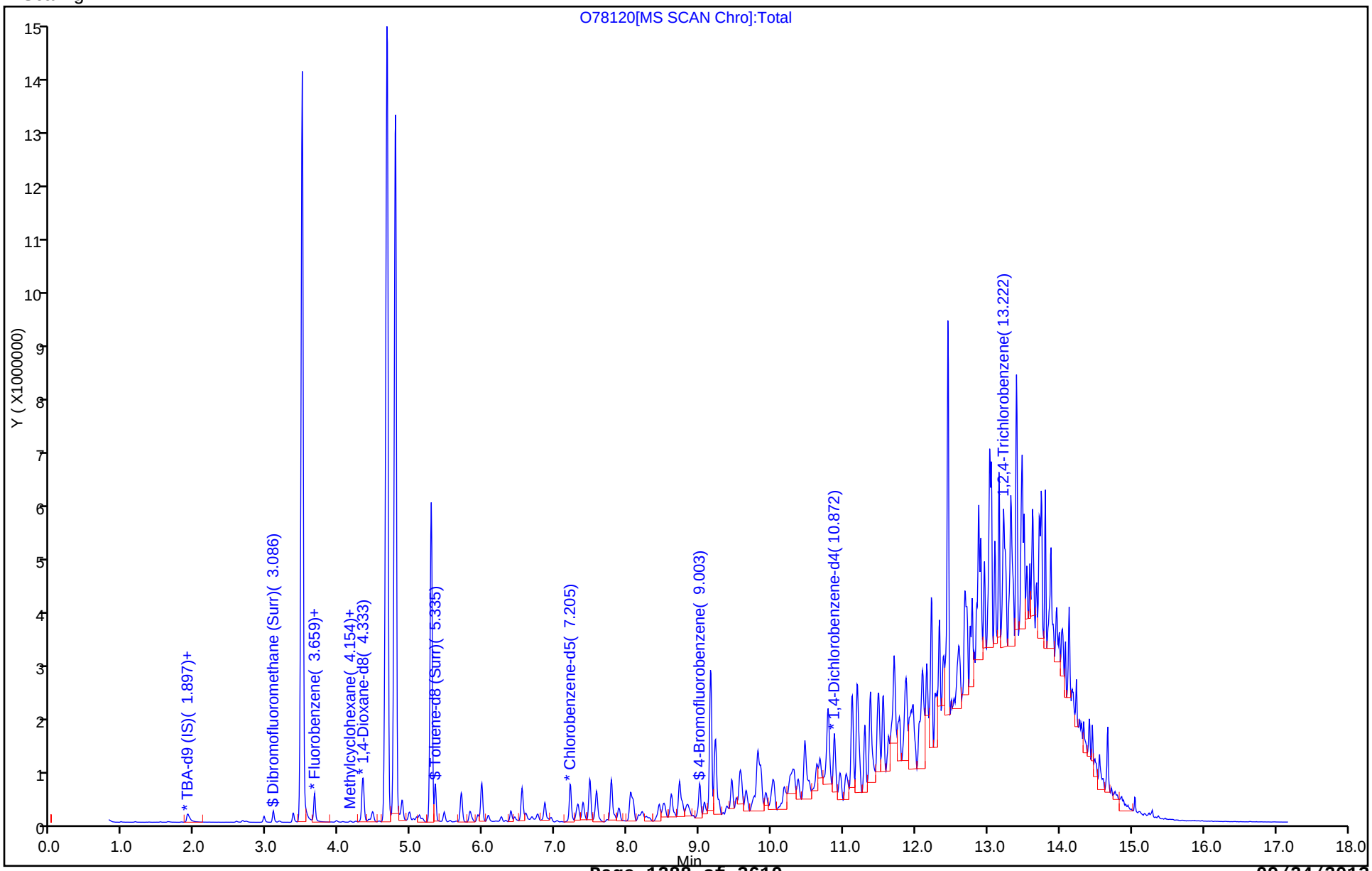
Report Date: 20-Sep-2013 18:29:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D

Injection Date:	20-Sep-2013 15:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP1-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



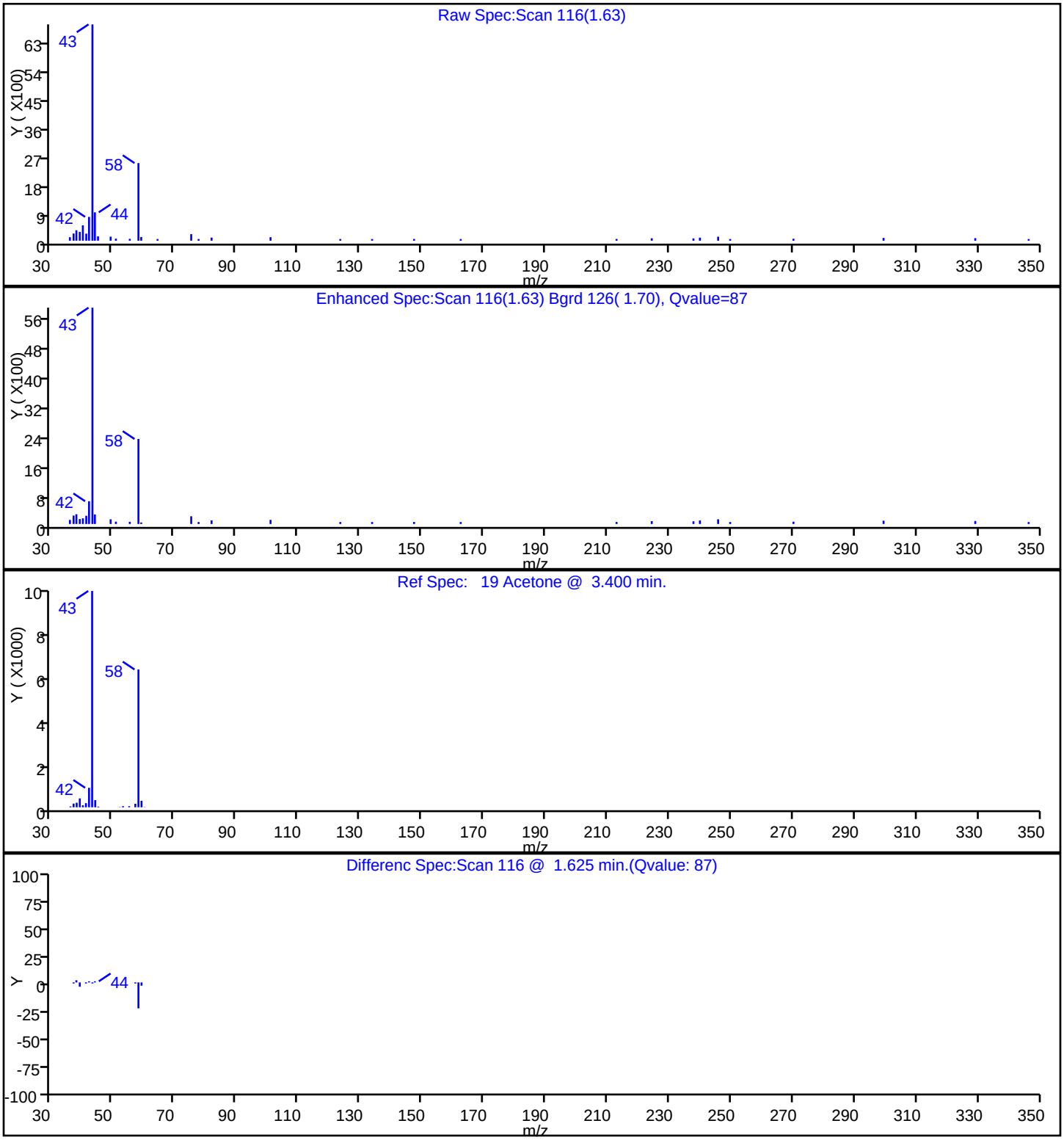
Report Date: 20-Sep-2013 18:29:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D

Injection Date:	20-Sep-2013 15:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP1-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

19 Acetone



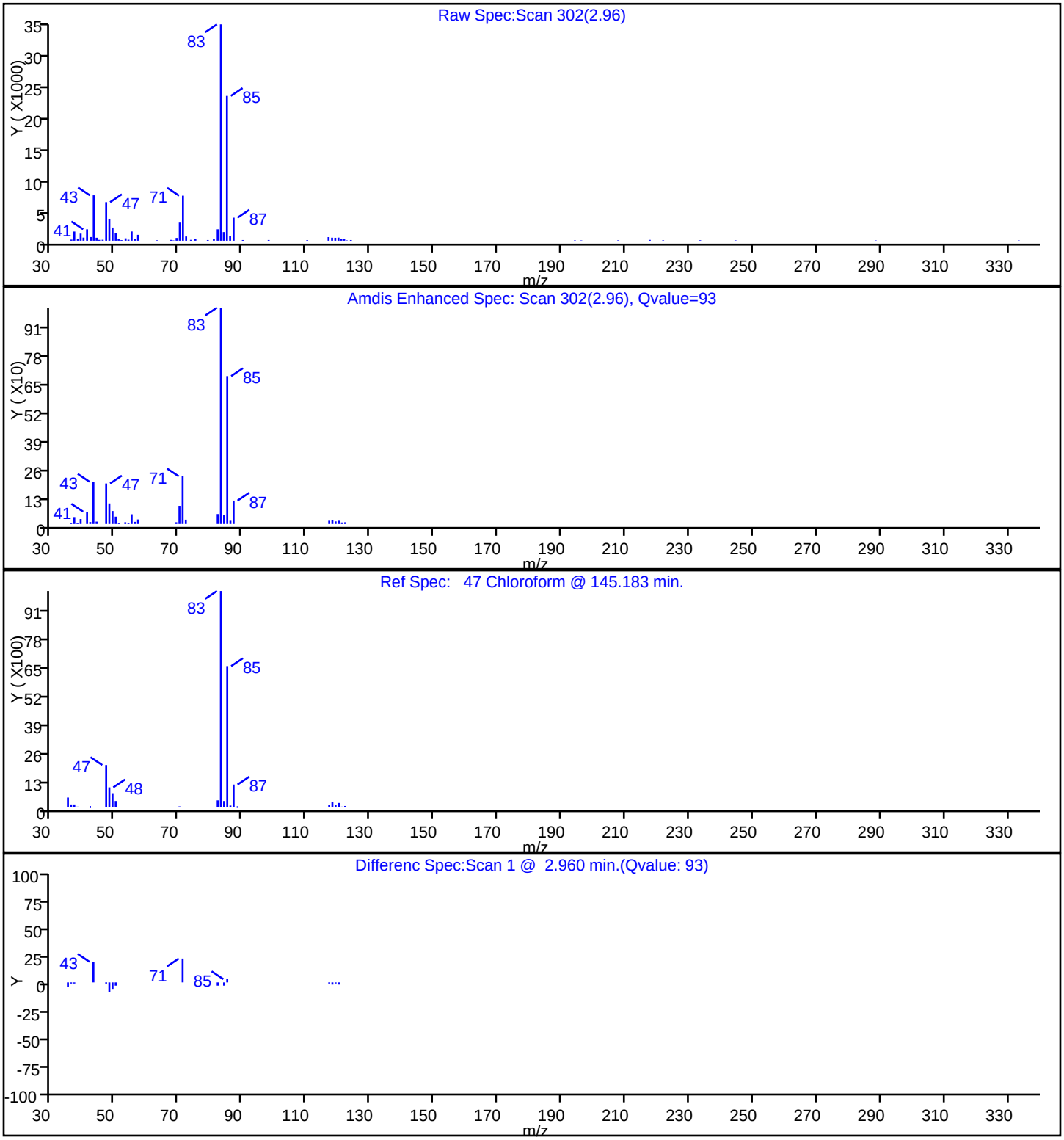
Report Date: 20-Sep-2013 18:29:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D

Injection Date:	20-Sep-2013 15:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP1-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

47 Chloroform



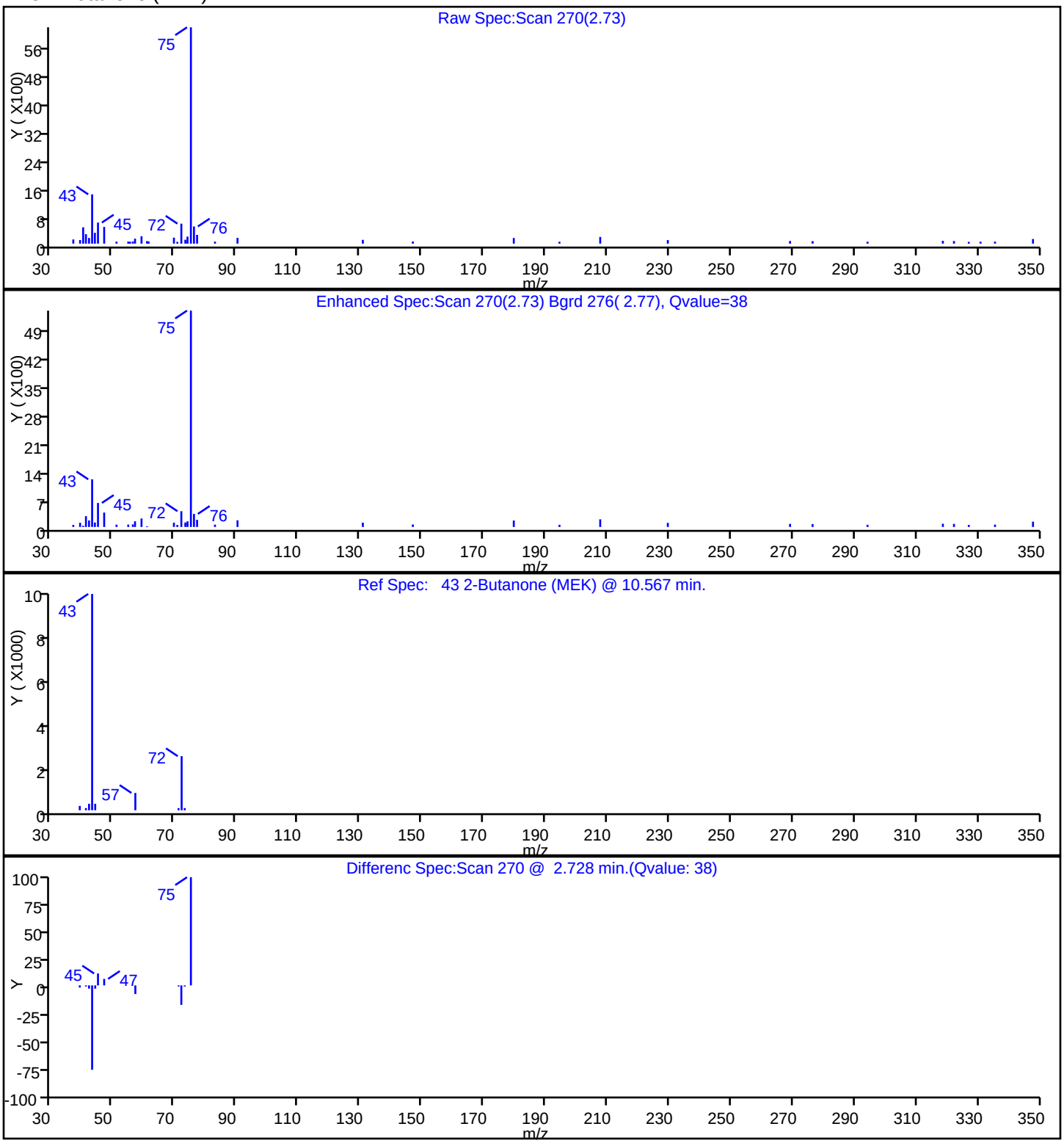
Report Date: 20-Sep-2013 18:29:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D

Injection Date:	20-Sep-2013 15:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP1-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

43 2-Butanone (MEK)



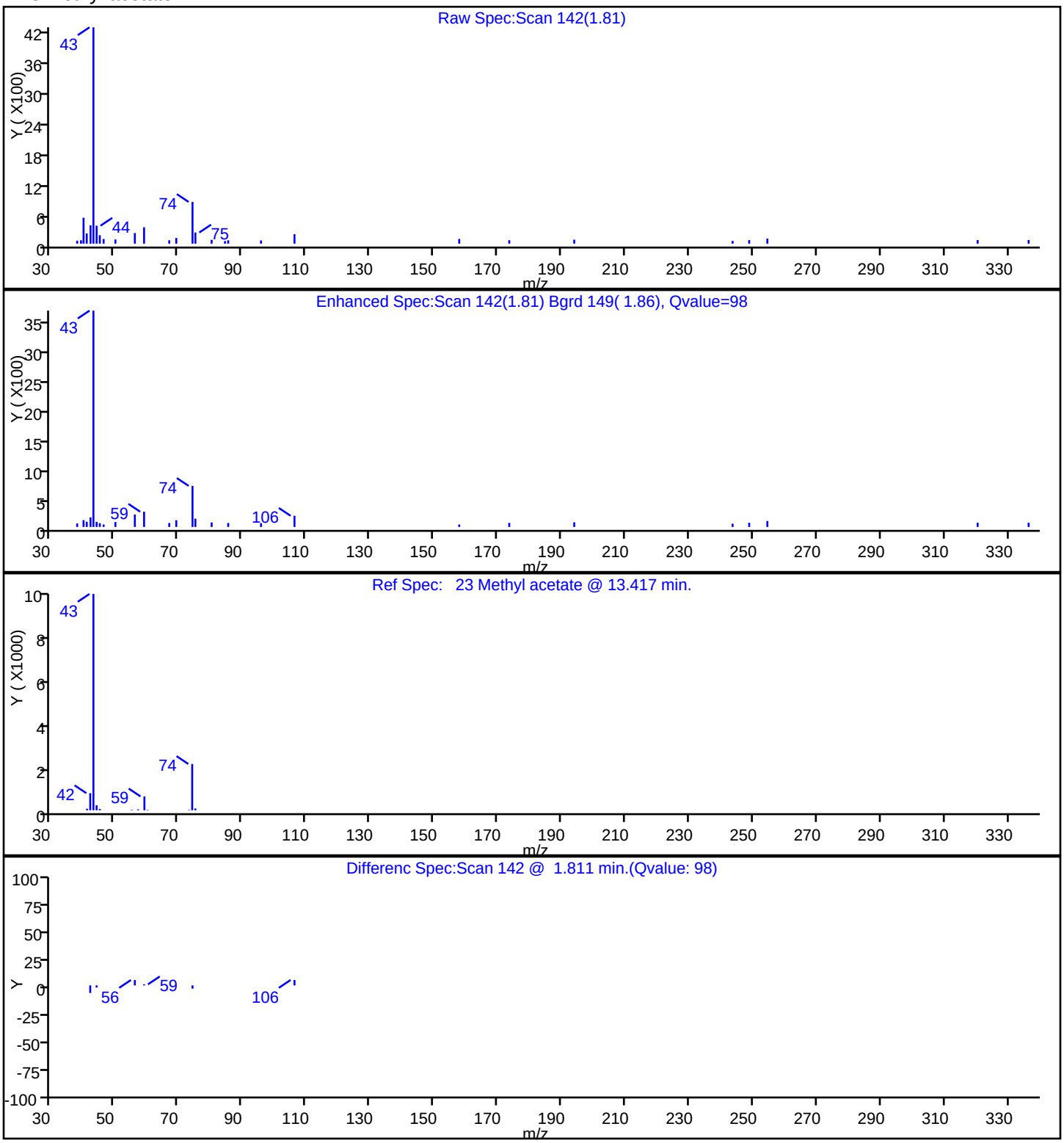
Report Date: 20-Sep-2013 18:29:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D

Injection Date:	20-Sep-2013 15:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP1-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

23 Methyl acetate



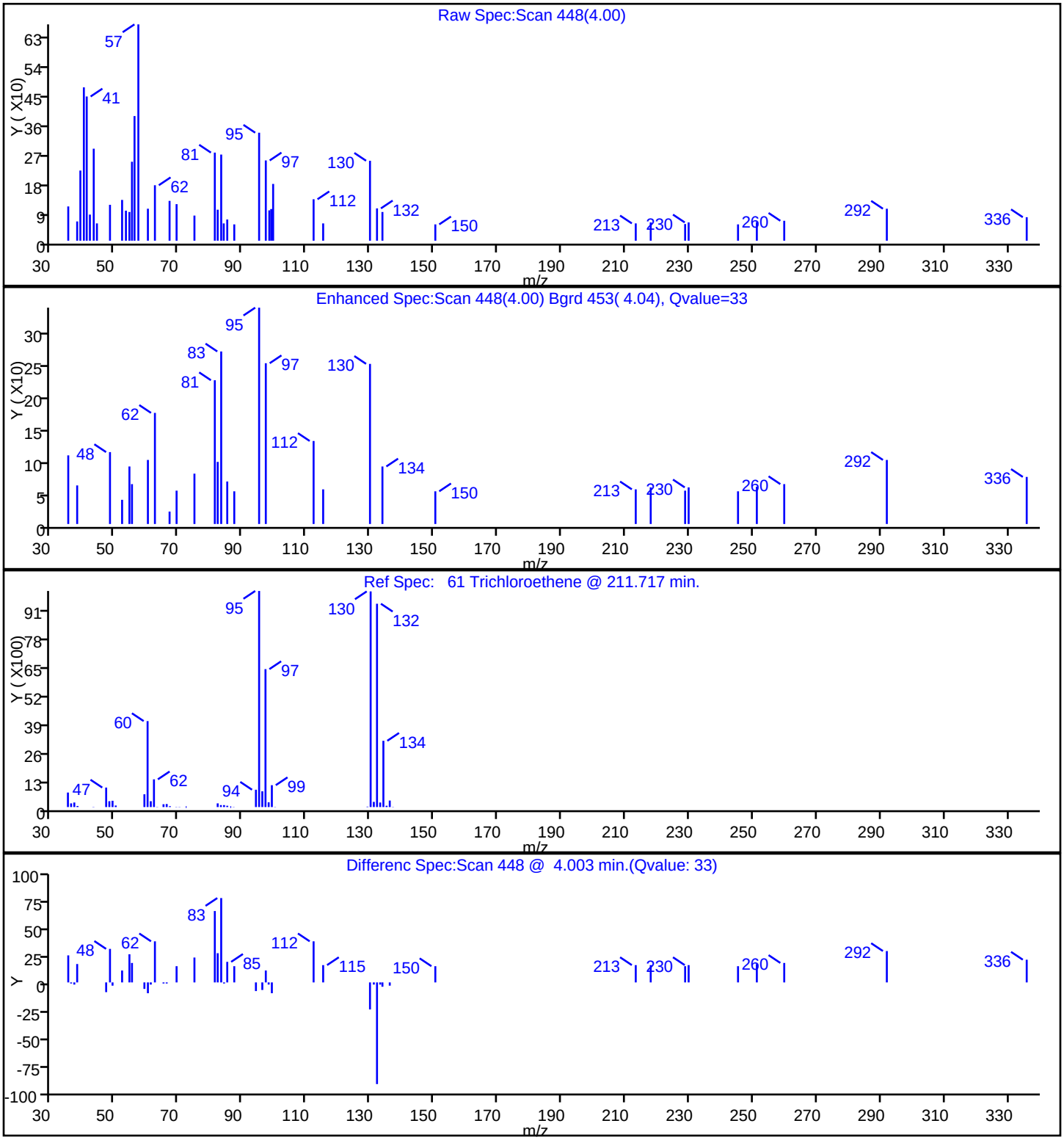
Report Date: 20-Sep-2013 18:29:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D

Injection Date:	20-Sep-2013 15:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP1-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

61 Trichloroethene



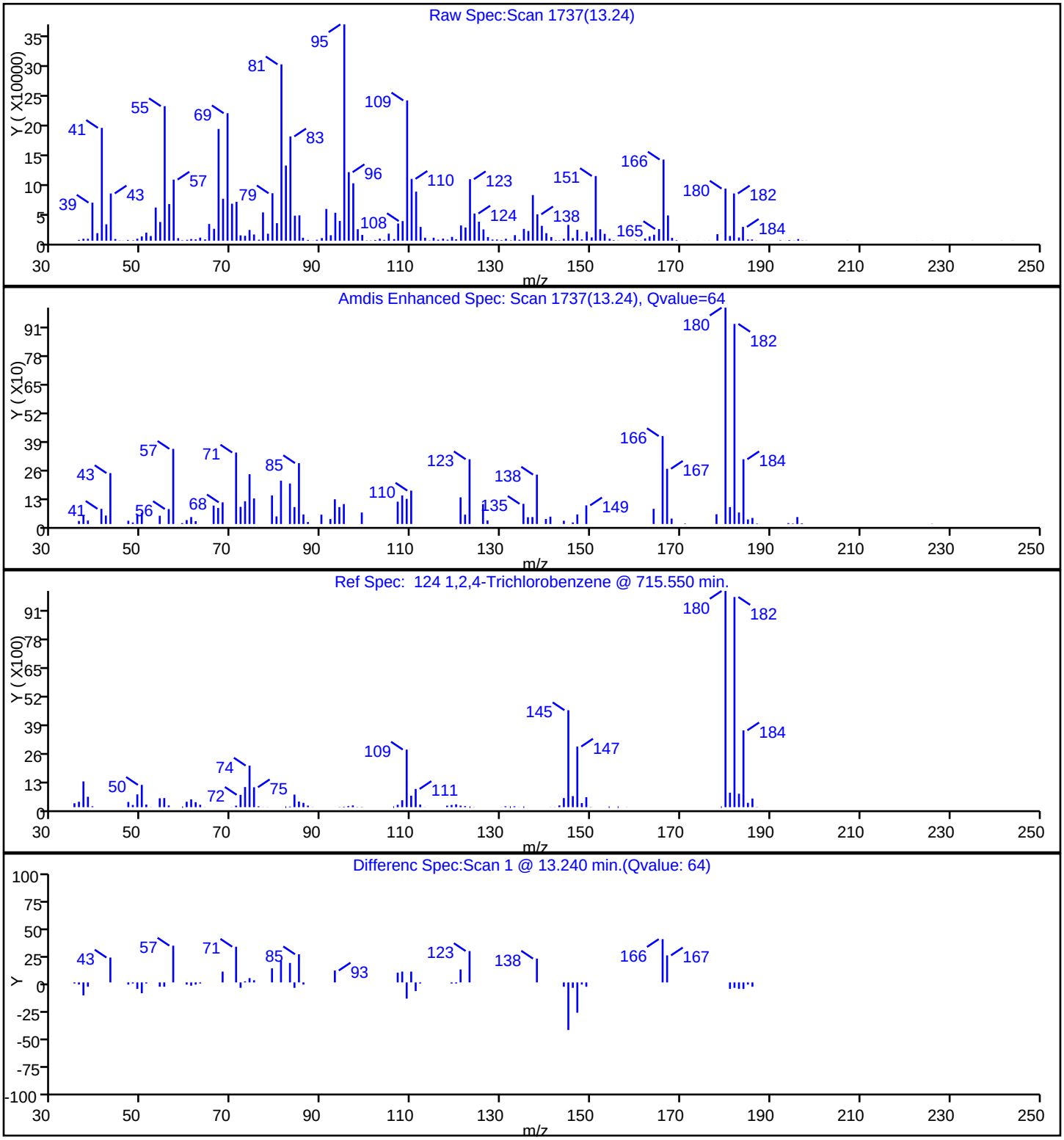
Report Date: 20-Sep-2013 18:29:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D

Injection Date:	20-Sep-2013 15:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP1-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

124 1,2,4-Trichlorobenzene



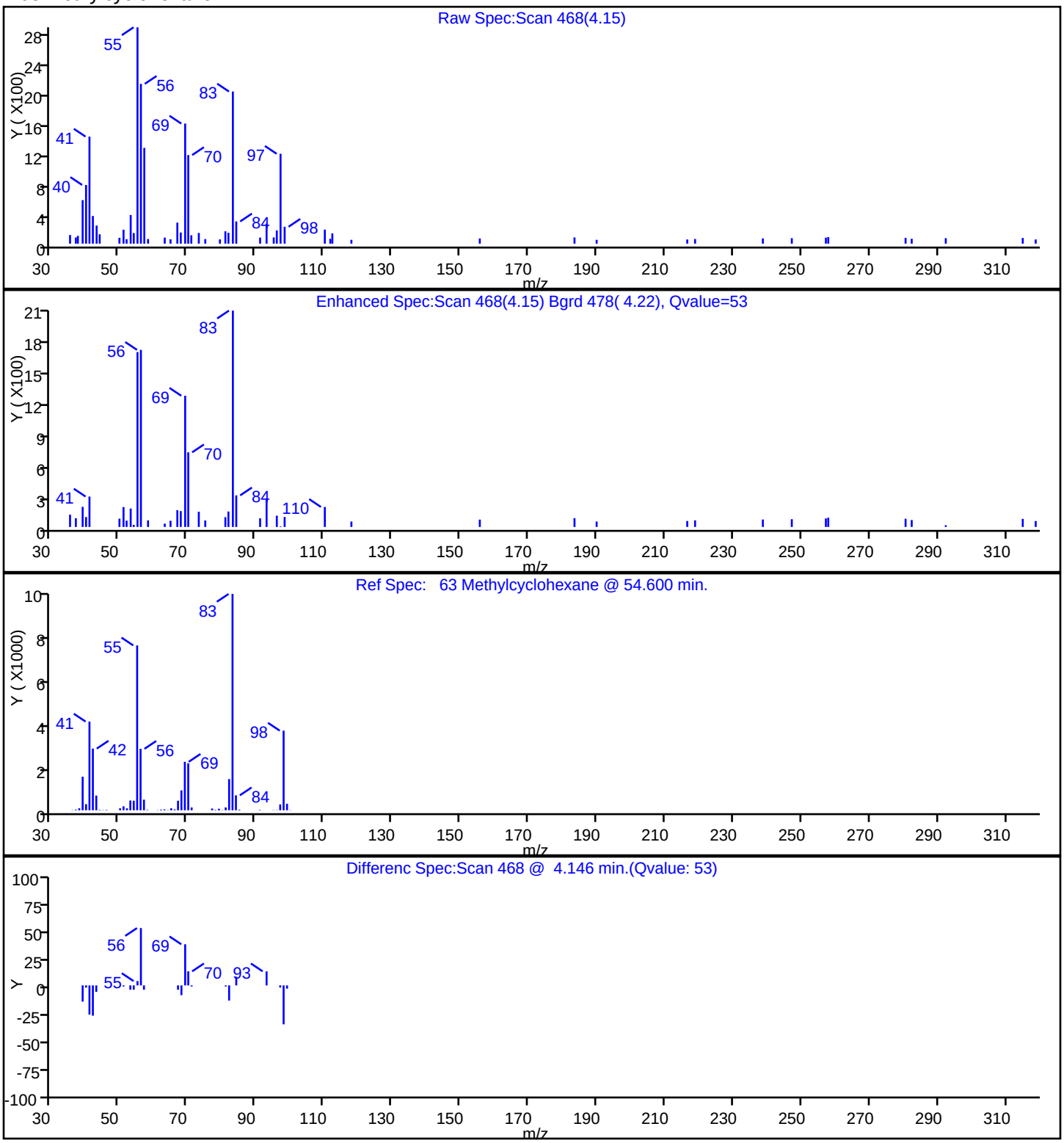
Report Date: 20-Sep-2013 18:29:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D

Injection Date:	20-Sep-2013 15:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP1-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

63 Methylcyclohexane



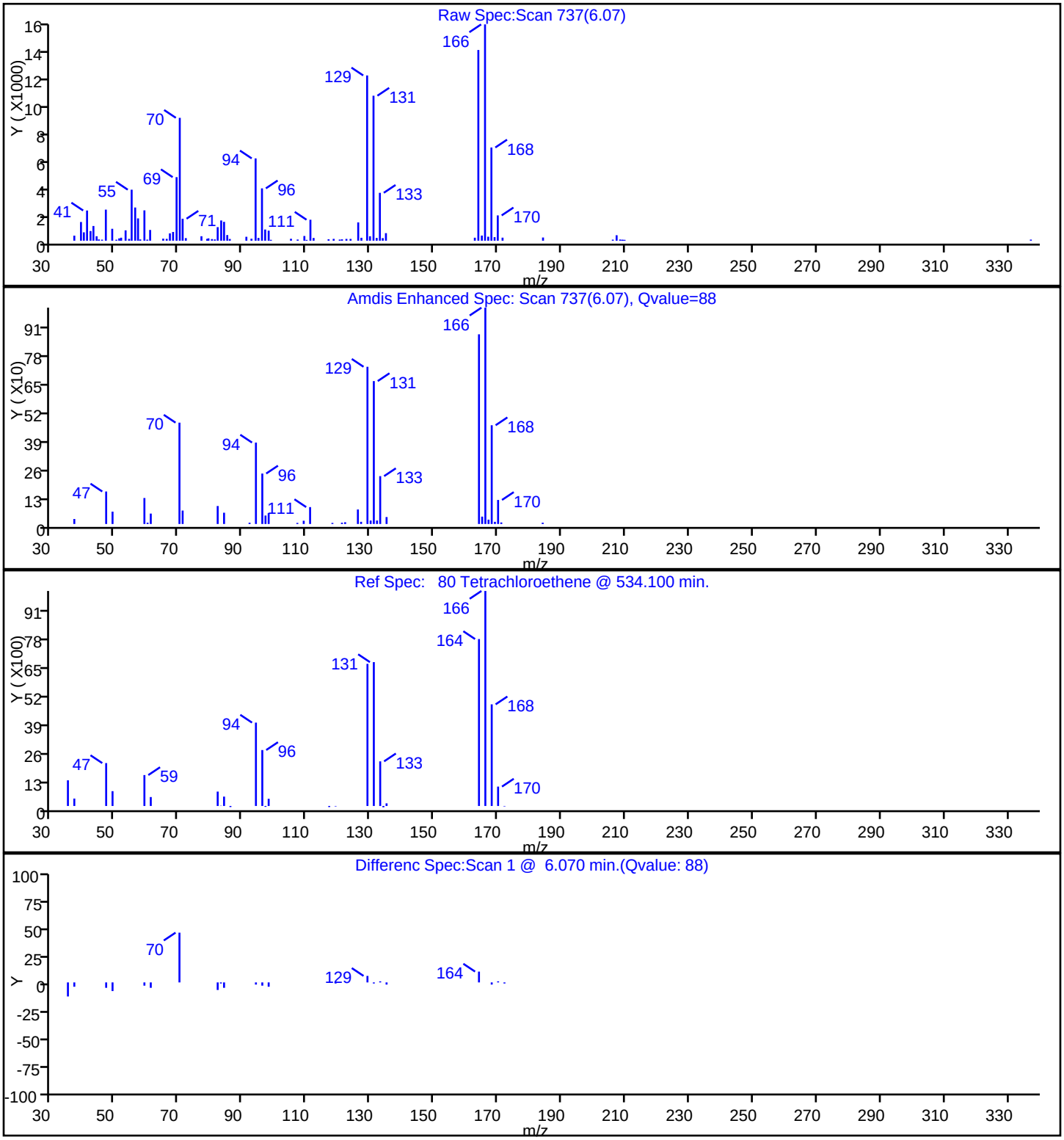
Report Date: 20-Sep-2013 18:29:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D

Injection Date:	20-Sep-2013 15:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP1-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

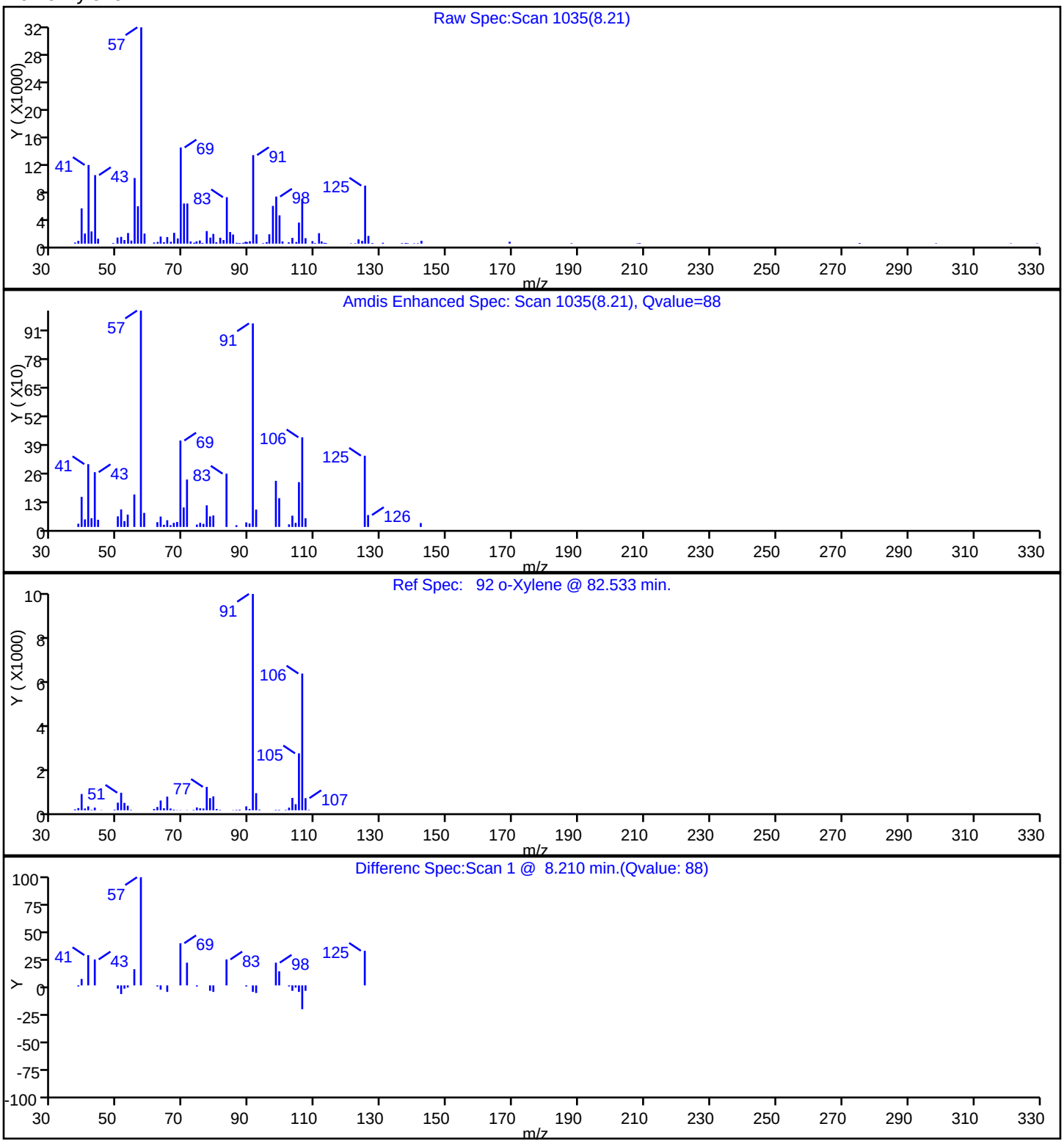
80 Tetrachloroethene



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D		
Injection Date:	20-Sep-2013 15:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP1-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

92 o-Xylene



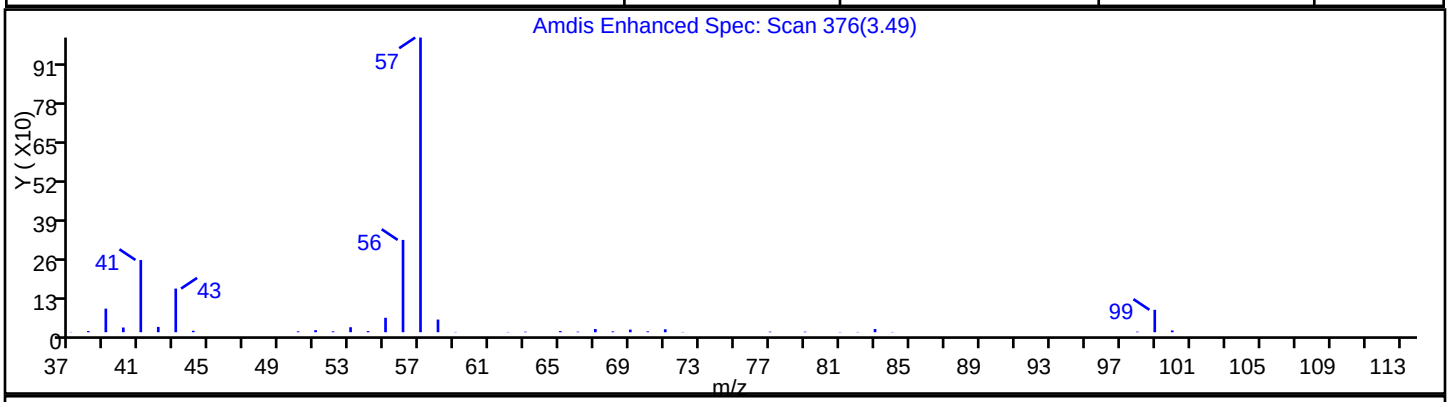
Report Date: 20-Sep-2013 18:29:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

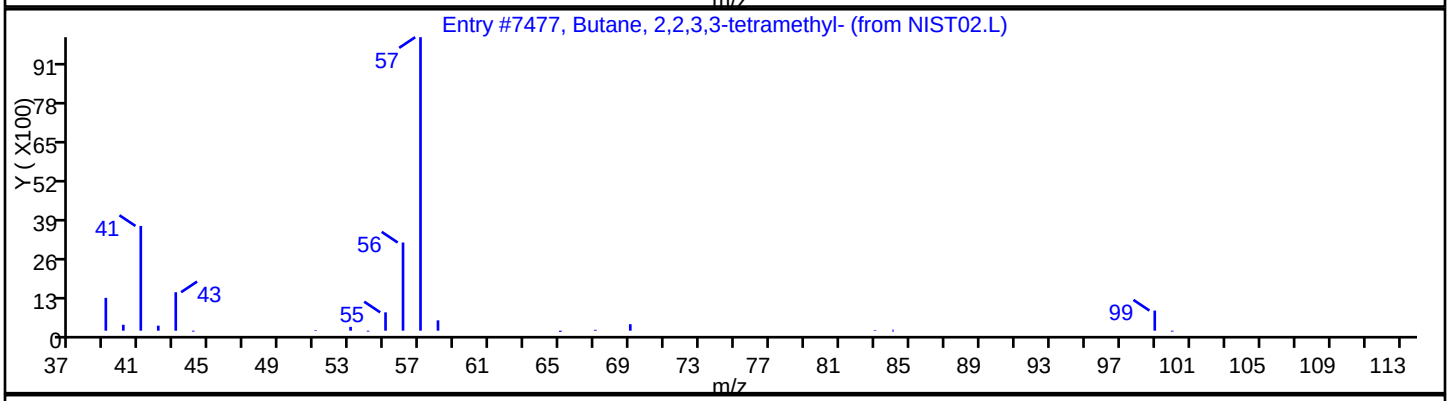
TestAmerica Edison

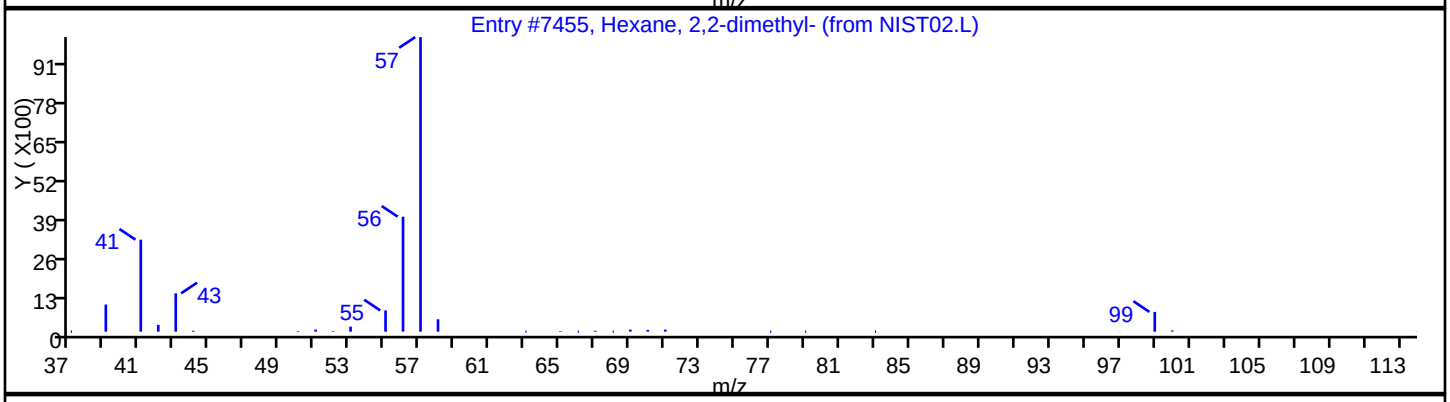
Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D

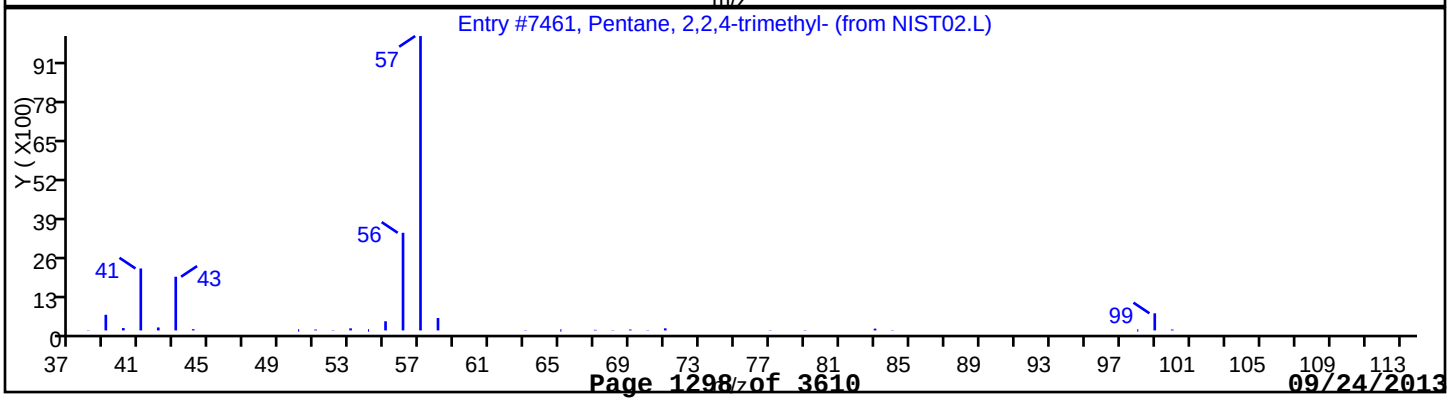
Injection Date:	20-Sep-2013 15:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP1-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Butane, 2,2,3,3-tetramethyl-	594-82-1	NIST02.L	7477	83
Hexane, 2,2-dimethyl-	590-73-8	NIST02.L	7455	78
Pentane, 2,2,4-trimethyl-	540-84-1	NIST02.L	7461	78









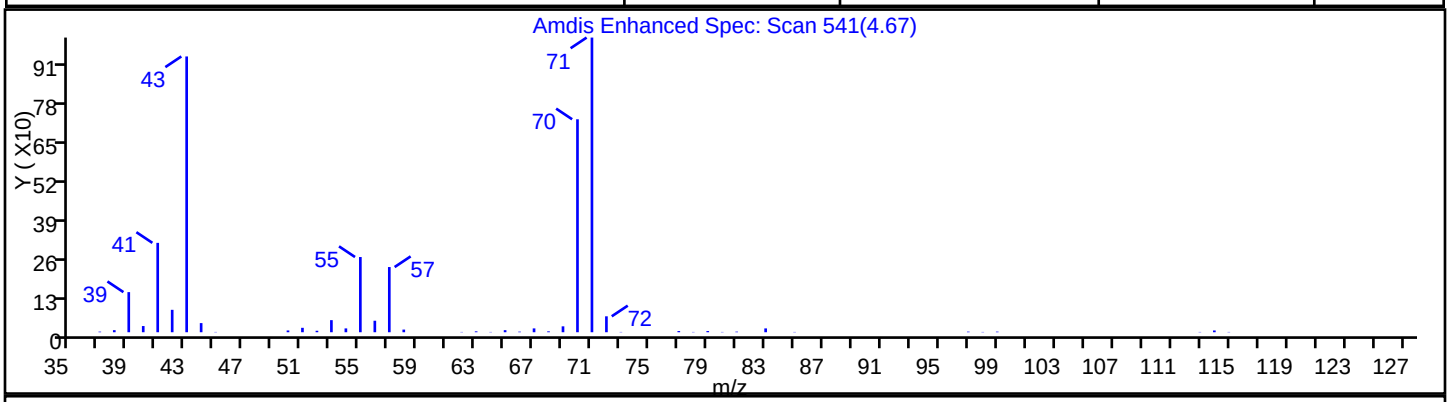
Report Date: 20-Sep-2013 18:29:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

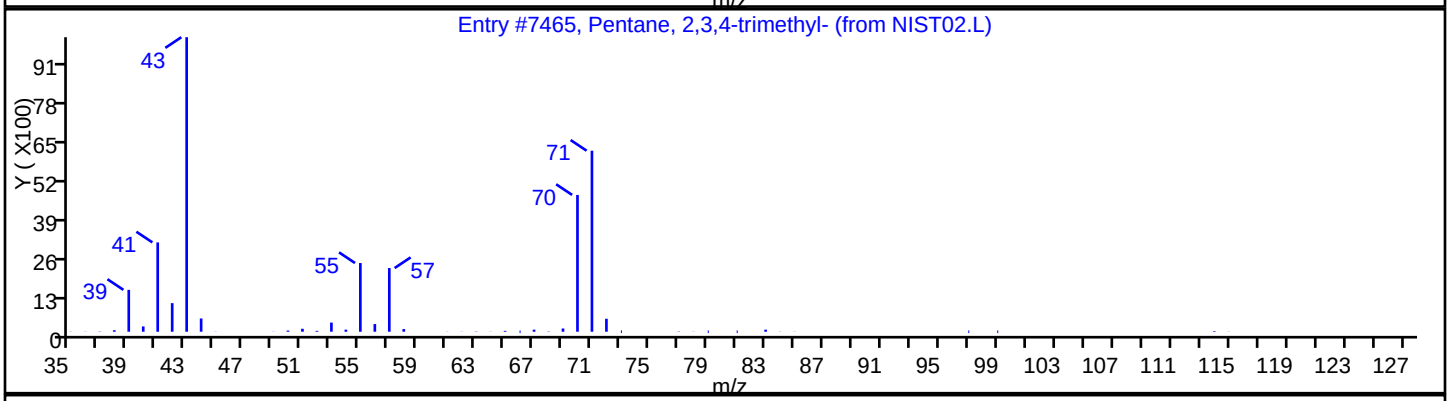
TestAmerica Edison

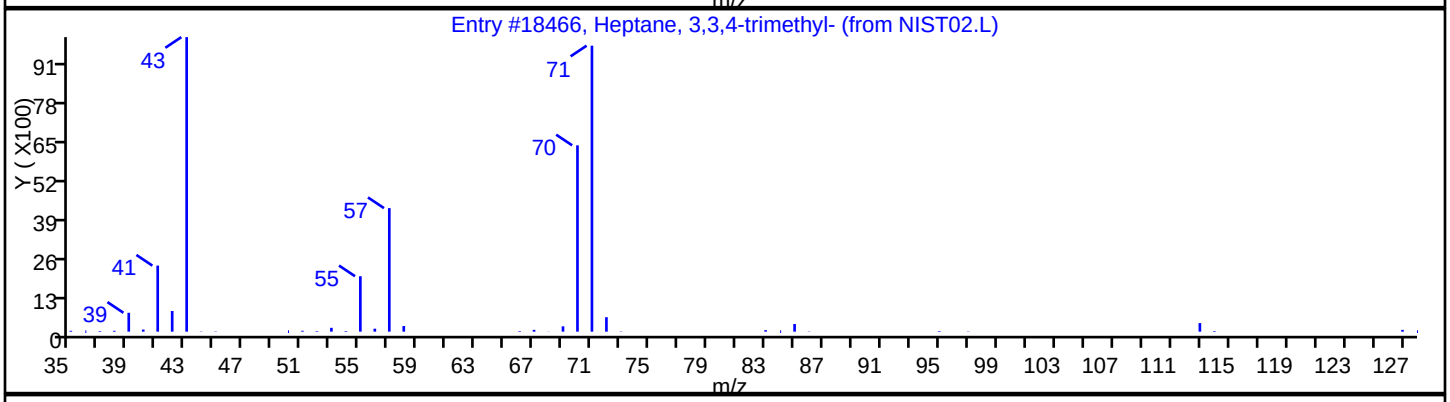
Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D

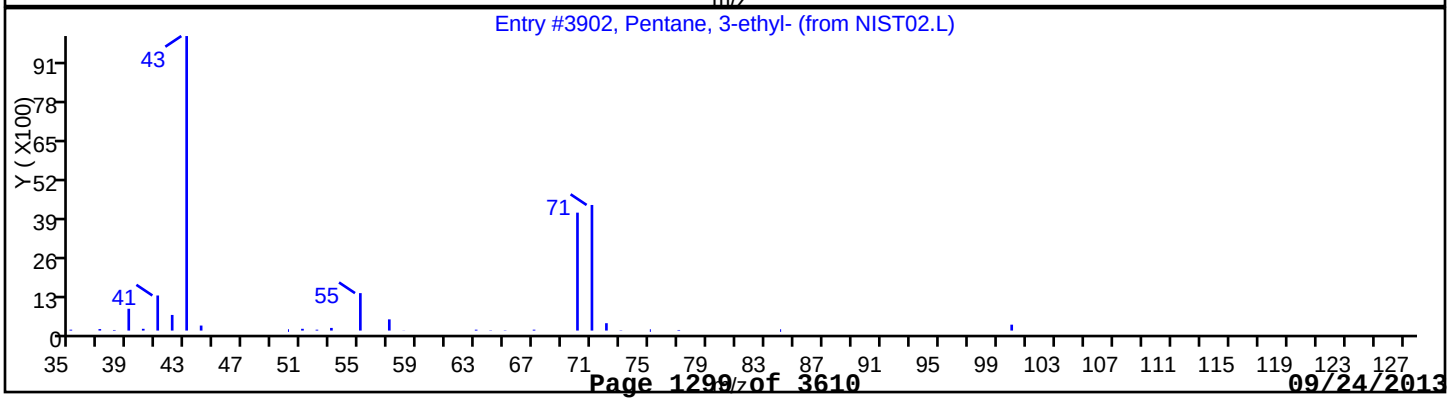
Injection Date:	20-Sep-2013 15:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP1-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentane, 2,3,4-trimethyl-	565-75-3	NIST02.L	7465	91
Heptane, 3,3,4-trimethyl-	20278-87-9	NIST02.L	18466	78
Pentane, 3-ethyl-	617-78-7	NIST02.L	3902	78







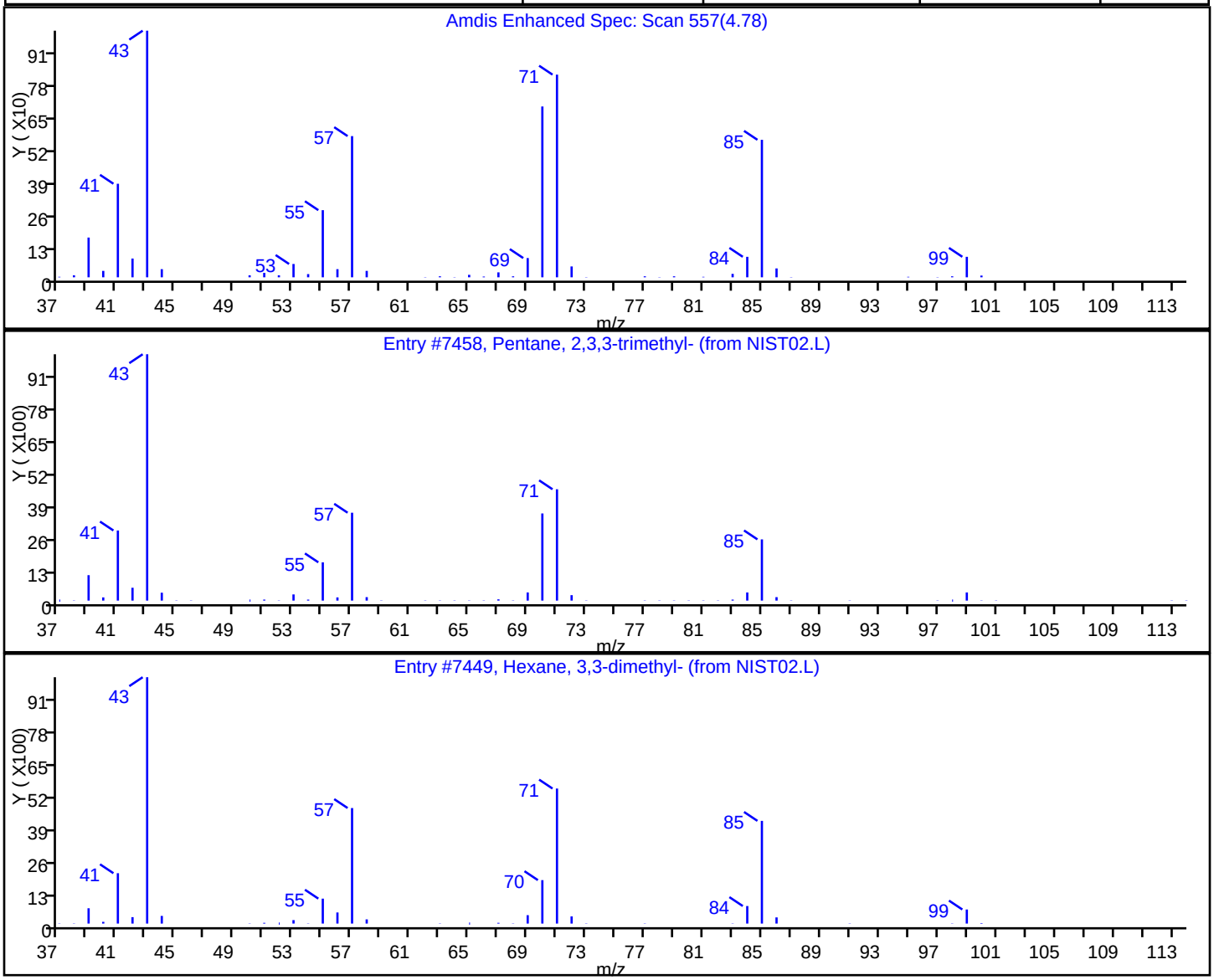


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D

Injection Date:	20-Sep-2013 15:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP1-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentane, 2,3,3-trimethyl-	560-21-4	NIST02.L	7458	90
Hexane, 3,3-dimethyl-	563-16-6	NIST02.L	7449	72

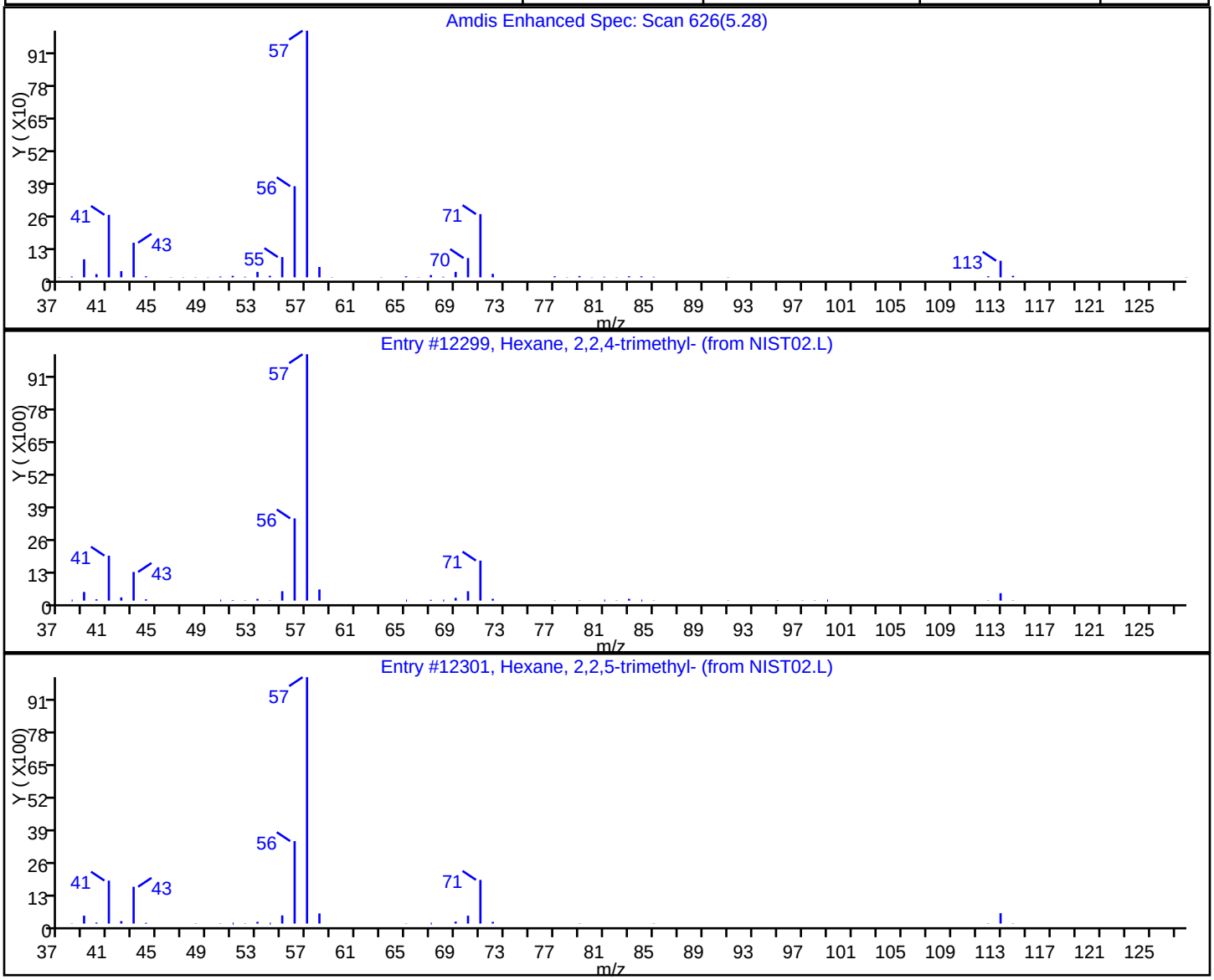


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D

Injection Date:	20-Sep-2013 15:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP1-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexane, 2,2,4-trimethyl-	16747-26-5	NIST02.L	12299	83
Hexane, 2,2,5-trimethyl-	3522-94-9	NIST02.L	12301	74



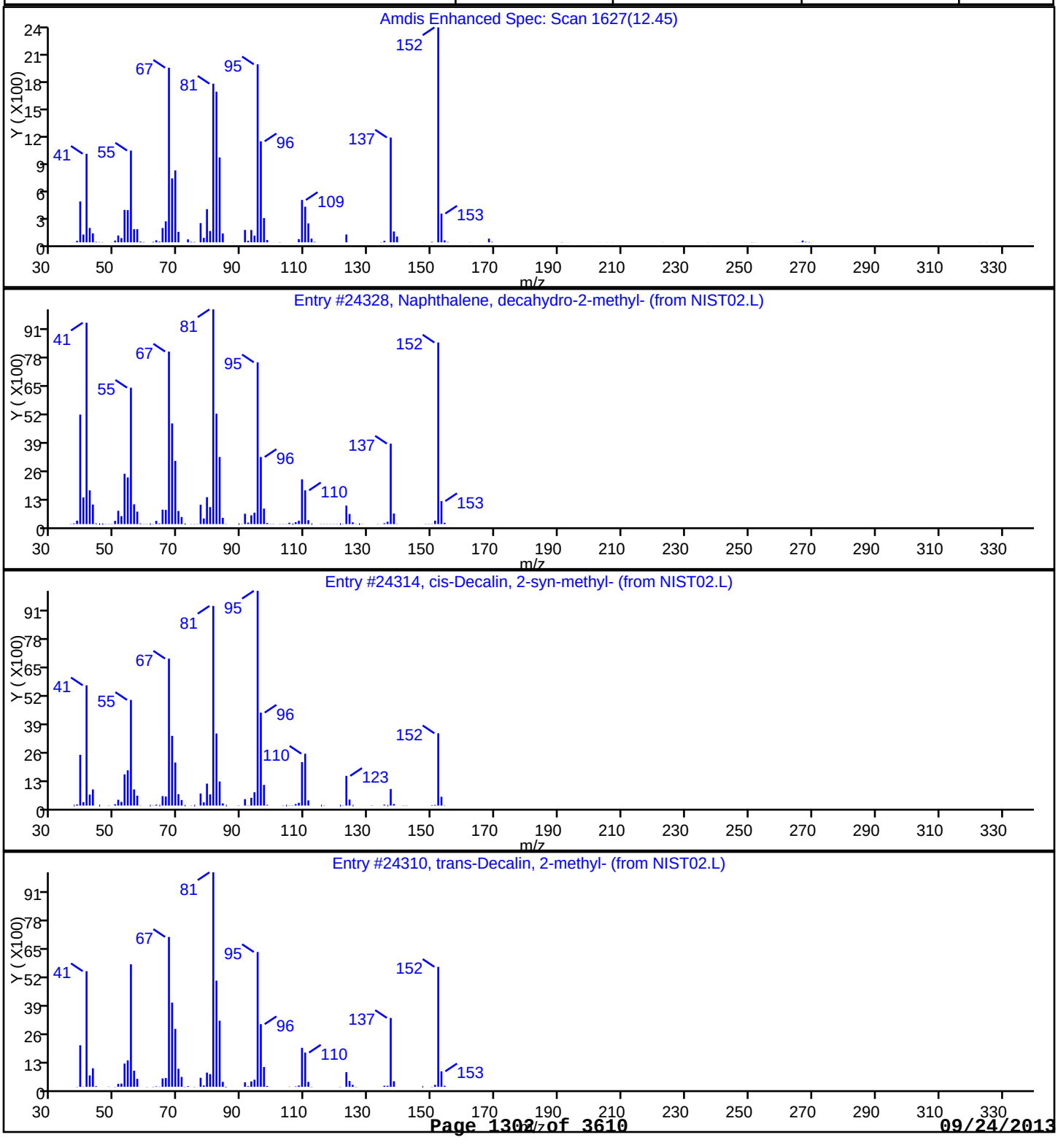
Report Date: 20-Sep-2013 18:29:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D

Injection Date:	20-Sep-2013 15:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP1-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	87
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.L	24314	72
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	70



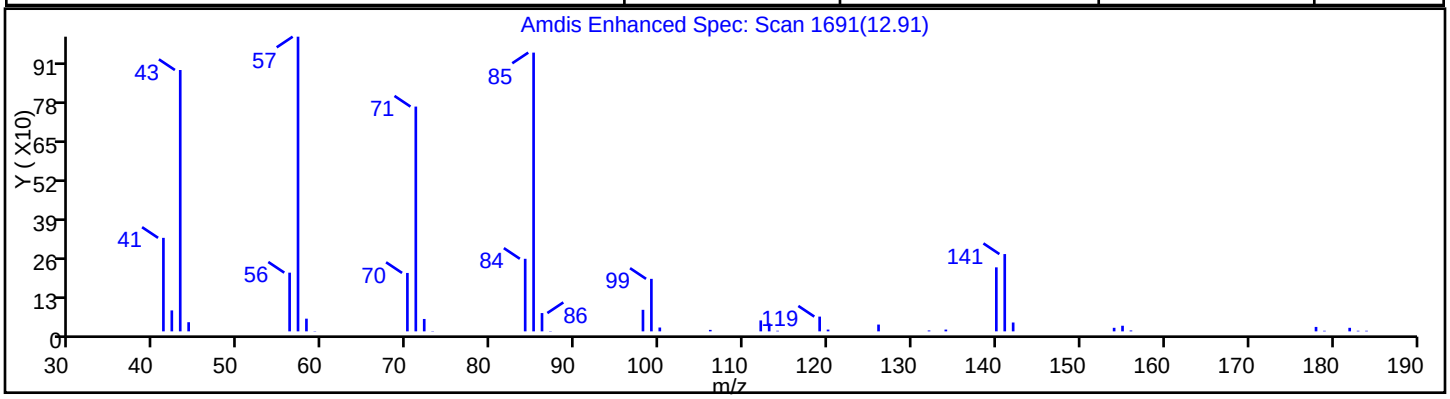
Report Date: 20-Sep-2013 18:29:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

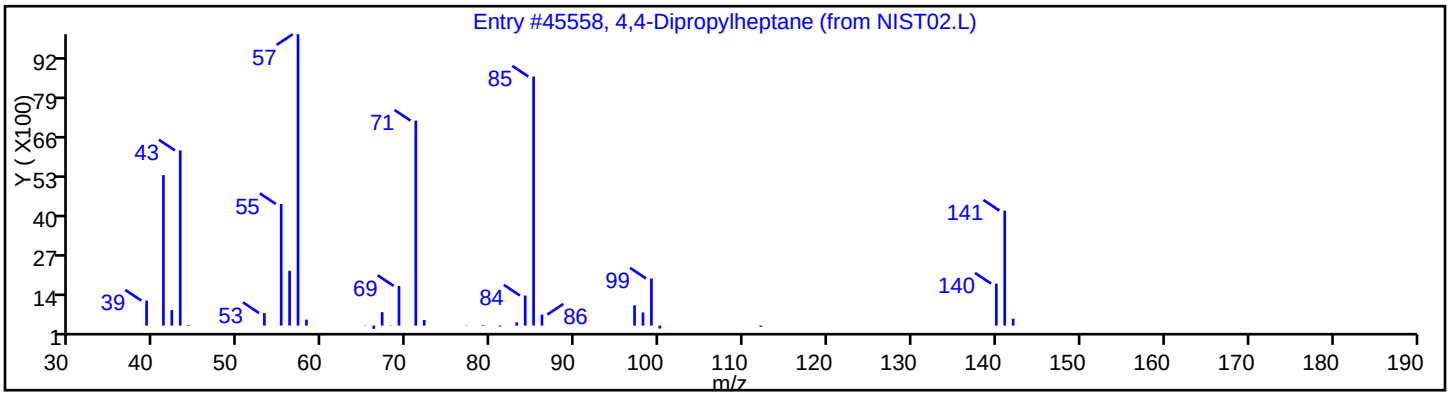
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D

Injection Date:	20-Sep-2013 15:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP1-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown		NIST02.L	0	0
4,4-Dipropylheptane	17312-72-0	NIST02.L	45558	72



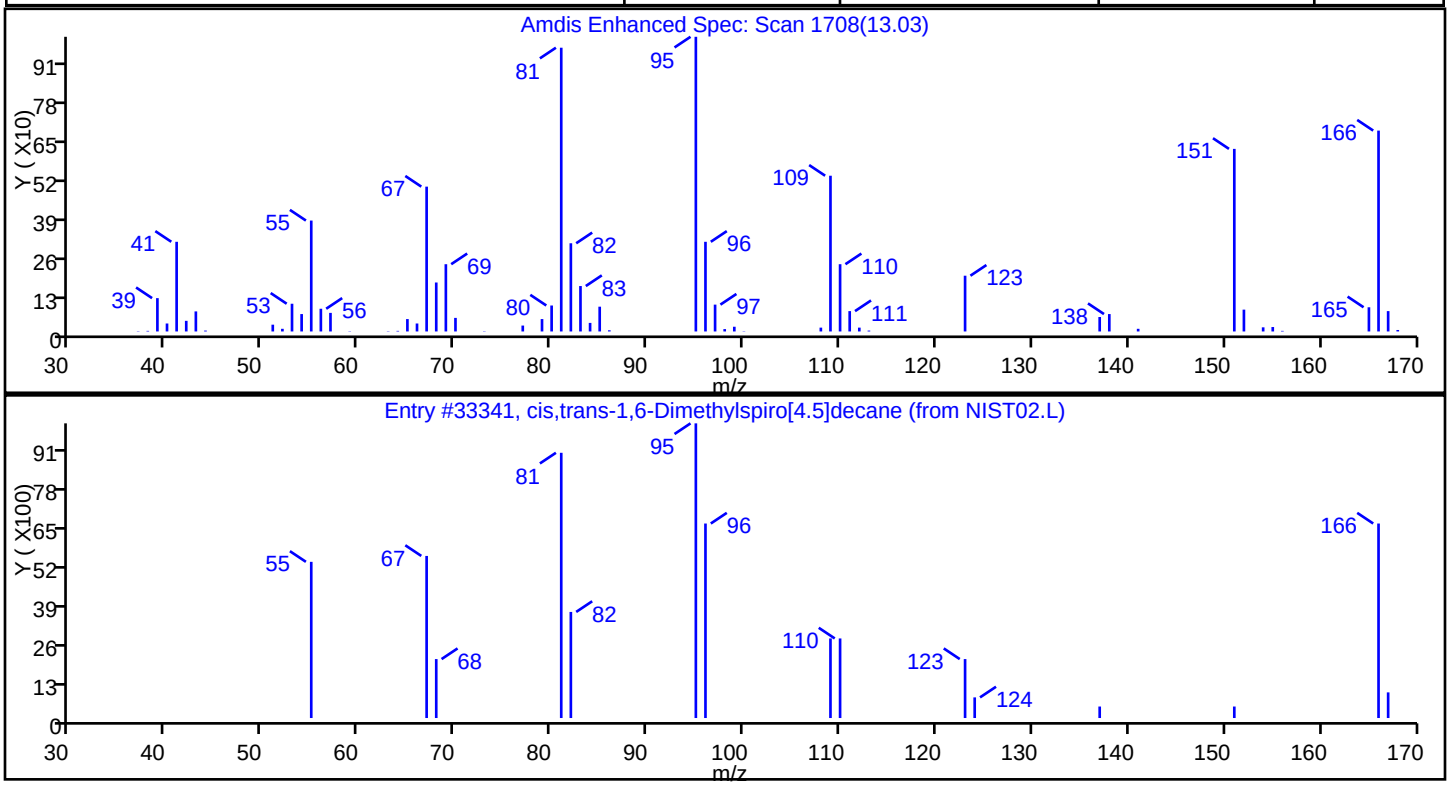


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D

Injection Date:	20-Sep-2013 15:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP1-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
cis,trans-1,6-Dimethylspiro[4.5]decane	1000111-72-3	NIST02.L	33341	70

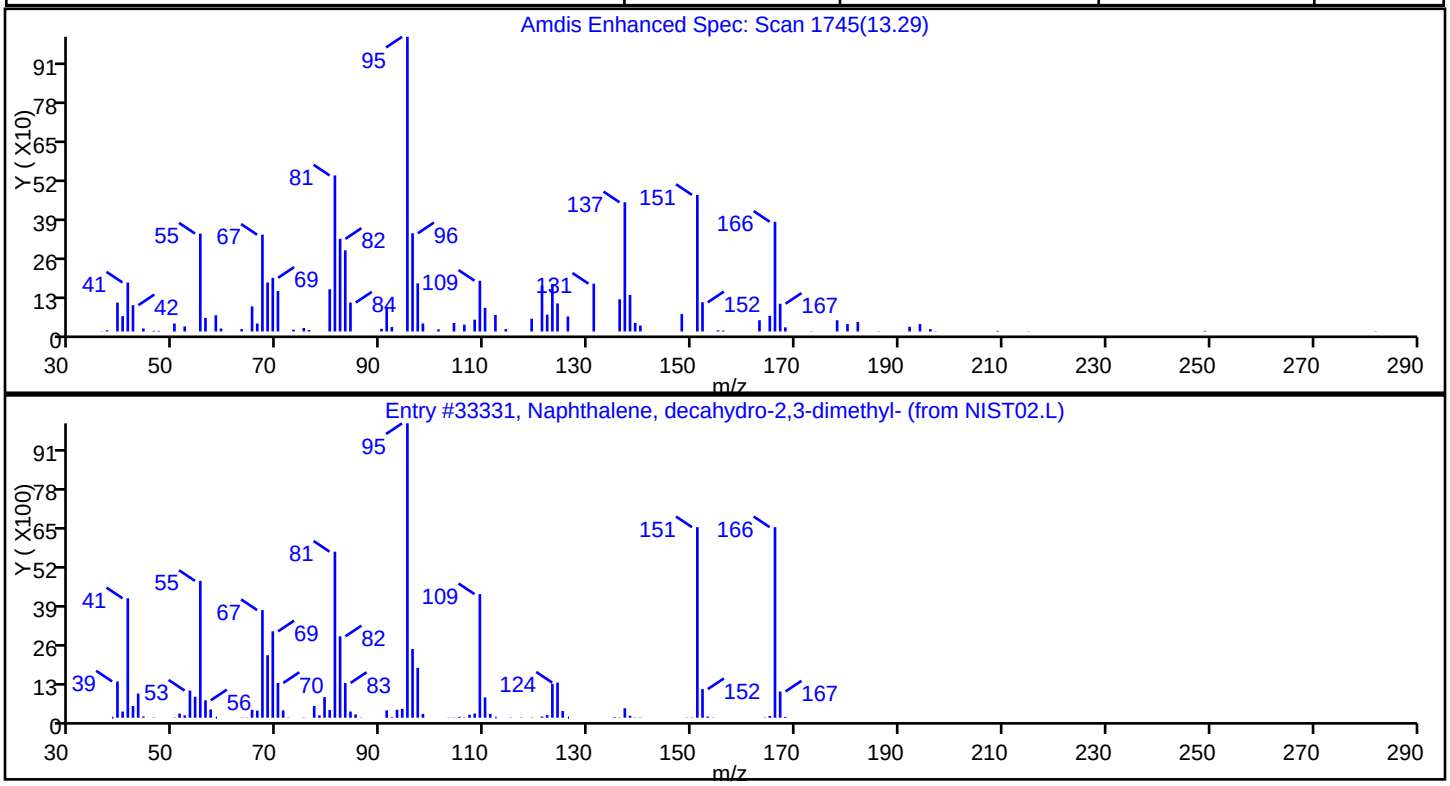


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D

Injection Date:	20-Sep-2013 15:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP1-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-2,3-dimethyl-	1008-80-6	NIST02.L	33331	83

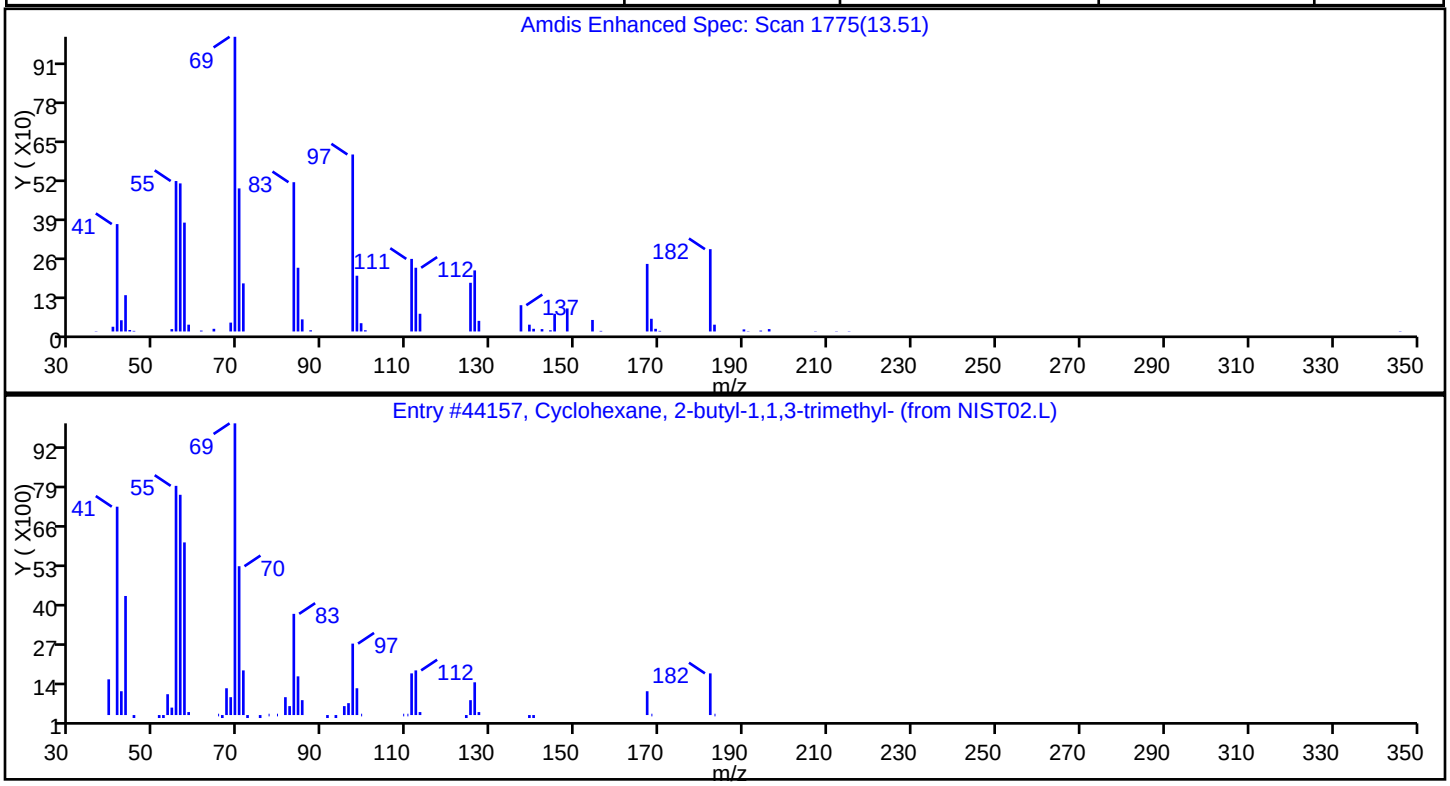


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D

Injection Date:	20-Sep-2013 15:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP1-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Cyclohexane, 2-butyl-1,1,3-trimethyl-	54676-39-0	NIST02.L	44157	90



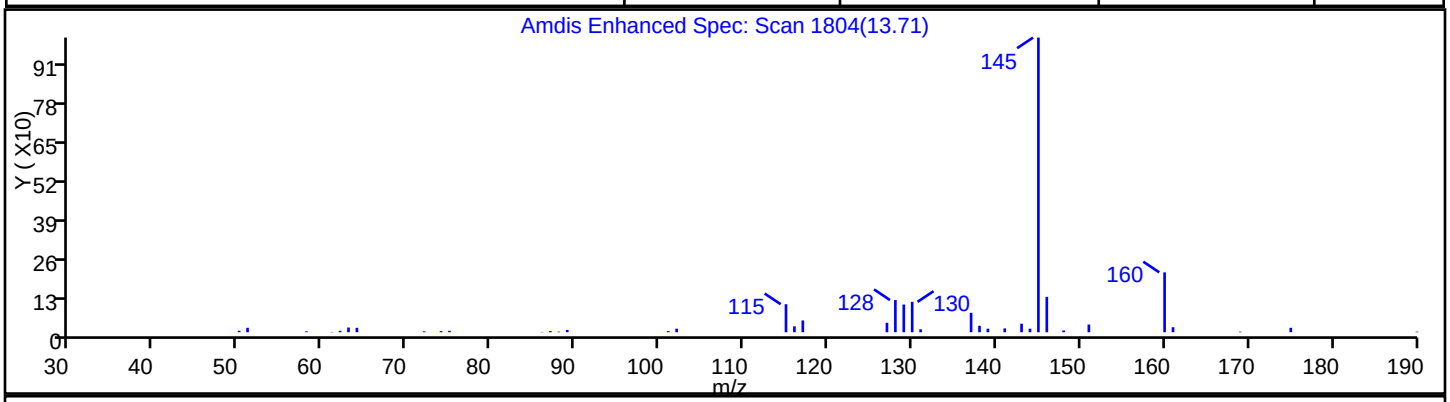
Report Date: 20-Sep-2013 18:29:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

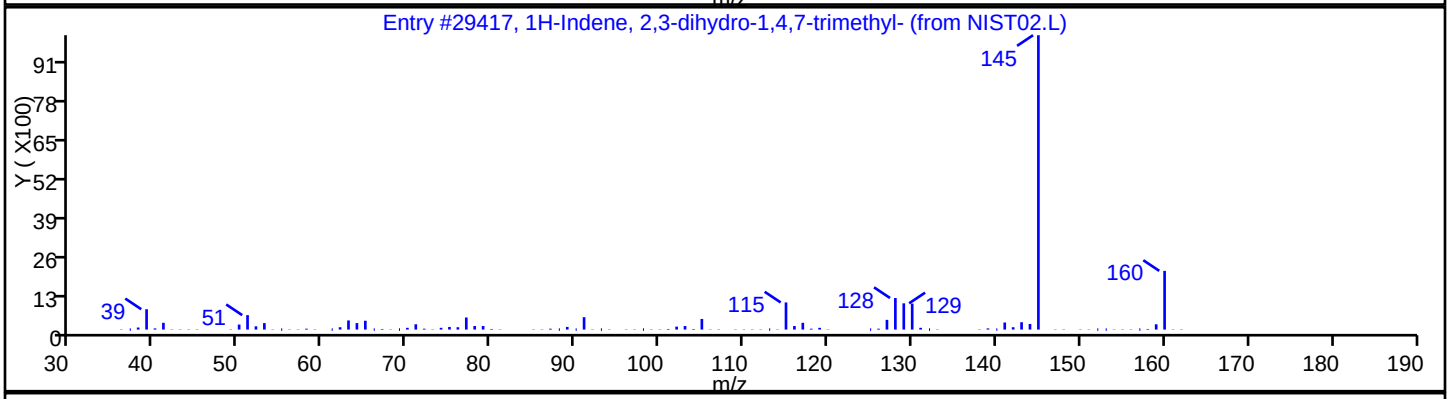
TestAmerica Edison

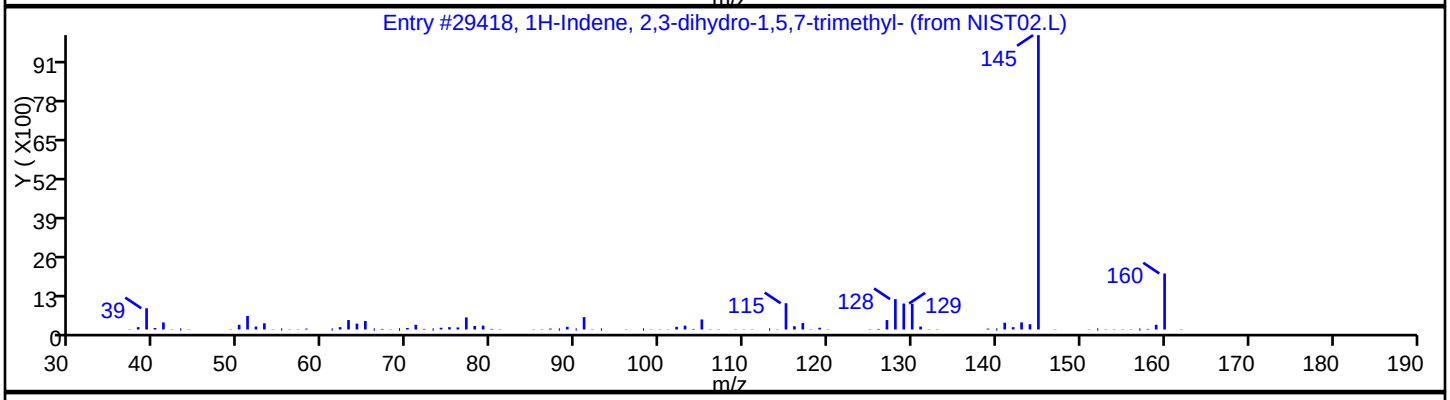
Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78120.D

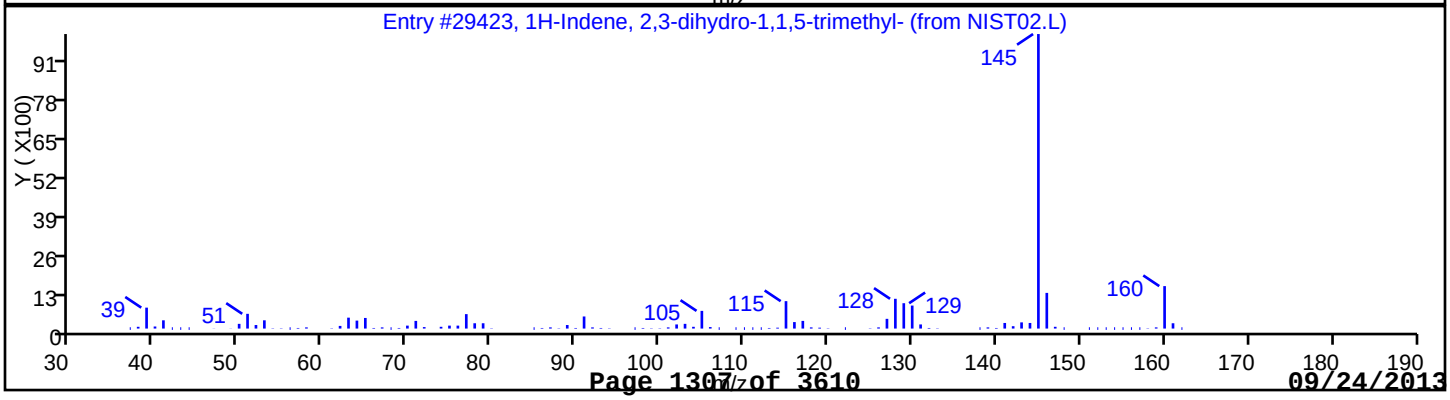
Injection Date:	20-Sep-2013 15:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP1-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	26
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene, 2,3-dihydro-1,4,7-trimethyl-	54340-87-3	NIST02.L	29417	90
1H-Indene, 2,3-dihydro-1,5,7-trimethyl-	54340-88-4	NIST02.L	29418	90
1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	40650-41-7	NIST02.L	29423	90









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP2-091313 | Lab Sample ID: 460-62993-42

Matrix: Solid | Lab File ID: O77969.D

Analysis Method: 8260B | Date Collected: 09/13/2013 00:00

Sample wt/vol: 6.926(g) | Date Analyzed: 09/17/2013 18:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.1 | Level: (low/med) Low

Analysis Batch No.: 181813 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.13	U	0.84	0.13
74-83-9	Bromomethane	0.36	U	0.84	0.36
75-01-4	Vinyl chloride	0.29	U	0.84	0.29
75-00-3	Chloroethane	0.28	U	0.84	0.28
75-09-2	Methylene Chloride	0.13	U	0.84	0.13
67-64-1	Acetone	1.9	J B	4.2	1.4
75-15-0	Carbon disulfide	0.18	J	0.84	0.13
75-69-4	Trichlorofluoromethane	0.13	U	0.84	0.13
75-35-4	1,1-Dichloroethene	0.16	U	0.84	0.16
75-34-3	1,1-Dichloroethane	0.092	U	0.84	0.092
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.84	0.11
156-59-2	cis-1,2-Dichloroethene	0.092	U	0.84	0.092
67-66-3	Chloroform	2.0		0.84	0.20
78-93-3	2-Butanone	0.53	U	4.2	0.53
107-06-2	1,2-Dichloroethane	0.15	U	0.84	0.15
71-55-6	1,1,1-Trichloroethane	0.11	U	0.84	0.11
56-23-5	Carbon tetrachloride	0.13	U	0.84	0.13
71-43-2	Benzene	0.13	U	0.84	0.13
75-25-2	Bromoform	0.14	U	0.84	0.14
100-42-5	Styrene	0.24	U	0.84	0.24
100-41-4	Ethylbenzene	0.14	U	0.84	0.14
108-90-7	Chlorobenzene	0.15	U	0.84	0.15
110-82-7	Cyclohexane	0.11	U	0.84	0.11
98-82-8	Isopropylbenzene	0.092	U	0.84	0.092
591-78-6	2-Hexanone	0.11	U	4.2	0.11
1634-04-4	MTBE	0.092	U	0.84	0.092
76-13-1	Freon TF	0.092	U	0.84	0.092
79-20-9	Methyl acetate	0.27	U	0.84	0.27
123-91-1	1,4-Dioxane	11	U	17	11
79-01-6	Trichloroethene	0.10	U	0.84	0.10
108-88-3	Toluene	0.12	U	0.84	0.12
10061-02-6	trans-1,3-Dichloropropene	0.084	U	0.84	0.084
108-10-1	4-Methyl-2-pentanone	0.17	U	4.2	0.17
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.84	0.12
95-50-1	1,2-Dichlorobenzene	0.084	U	0.84	0.084
541-73-1	1,3-Dichlorobenzene	0.13	U	0.84	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP2-091313 | Lab Sample ID: 460-62993-42

Matrix: Solid | Lab File ID: O77969.D

Analysis Method: 8260B | Date Collected: 09/13/2013 00:00

Sample wt/vol: 6.926(g) | Date Analyzed: 09/17/2013 18:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.1 | Level: (low/med) Low

Analysis Batch No.: 181813 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.53	J	0.84	0.092
120-82-1	1,2,4-Trichlorobenzene	0.16	U	0.84	0.16
87-61-6	1,2,3-Trichlorobenzene	0.13	U	0.84	0.13
78-87-5	1,2-Dichloropropane	0.13	U	0.84	0.13
108-87-2	Methylcyclohexane	0.19	J	0.84	0.084
127-18-4	Tetrachloroethene	0.10	U	0.84	0.10
1330-20-7	Xylenes, Total	0.56	U	2.5	0.56
96-12-8	1,2-Dibromo-3-Chloropropane	0.37	U	0.84	0.37
79-34-5	1,1,2,2-Tetrachloroethane	0.076	U	0.84	0.076
79-00-5	1,1,2-Trichloroethane	0.12	U	0.84	0.12
124-48-1	Dibromochloromethane	0.084	U	0.84	0.084
106-93-4	1,2-Dibromoethane	0.13	U	0.84	0.13
75-71-8	Dichlorodifluoromethane	0.18	U	0.84	0.18
74-97-5	Bromochloromethane	0.092	U	0.84	0.092
75-27-4	Bromodichloromethane	0.27	U	0.84	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
460-00-4	Bromofluorobenzene	98		70-130
1868-53-7	Dibromofluoromethane (Surr)	102		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP2-091313 Lab Sample ID: 460-62993-42

Matrix: Solid Lab File ID: O77969.D

Analysis Method: 8260B Date Collected: 09/13/2013 00:00

Sample wt/vol: 6.926(g) Date Analyzed: 09/17/2013 18:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.1 Level: (low/med) Low

Analysis Batch No.: 181813 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 64

CAS NO.	COMPOUND NAME	RT	RESULT	Q
540-84-1	Pentane, 2,2,4-trimethyl-	3.47	10	J N
	Unknown	12.21	5.1	J
	Unknown	12.70	5.1	J
112-40-3	Dodecane	12.99	6.3	J N
	Unknown	13.47	6.6	J
61141-72-8	Dodecane, 4,6-dimethyl-	13.65	6.5	J N
629-50-5	Tridecane	13.85	7.4	J N
	Unknown	14.35	5.1	J
629-59-4	Tetradecane	14.56	6.1	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	14.66	5.8	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77969.D		
Lims ID:	460-62993-A-42-A	Client ID:	DUP2-091313
Inject. Date:	17-Sep-2013 18:33:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-42-A		
Misc. Info.:	460-0004727-008		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	7
Lims Batch ID:	181813	Lims Sample ID:	8
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\8260S_12.m		
Last Update:	20-Sep-2013 15:29:19	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK026		
First Level Reviewer: tupayachia		Date:	18-Sep-2013 11:30:54

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.618	1.632	-0.014	73	3814	2.23	
21 Carbon disulfide	76	1.704	1.697	0.007	70	2080	0.2183	
* 151 TBA-d9 (IS)	65	1.897	1.904	-0.007	96	218793	1000.0	
47 Chloroform	83	2.950	2.957	-0.007	95	10757	2.41	
$ 152 Dibromofluoromethane (Surr)	113	3.079	3.086	-0.007	97	87890	51.2	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.358	0.0	88	83862	55.4	
* 59 Fluorobenzene	96	3.652	3.652	0.0	99	371746	50.0	
63 Methylcyclohexane	83	4.175	4.168	0.007	58	1180	0.2294	
* 150 1,4-Dioxane-d8	96	4.354	4.361	-0.007	86	21549	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	98	384524	53.0	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	362730	50.0	
92 o-Xylene	106	8.208	8.201	0.007	78	1853	0.3550	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	95	139386	49.1	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	92	205020	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	54	4495	0.6313	
S 131 Xylenes, Total	100				0		0.3550	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77969.D		
Lims ID:	460-62993-A-42-A	Client ID:	DUP2-091313
Inject. Date:	17-Sep-2013 18:33:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-42-A		
Misc. Info.:	460-0004727-008		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	7
Lims Batch ID:	181813	Lims Sample ID:	8
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\8260S_12.m		
Last Update:	20-Sep-2013 15:29:19	Calib Date:	06-Aug-2013 22:09:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	40		
Process Host:	XAWRK026		
First Level Reviewer: tupayachia		Date:	18-Sep-2013 11:30:54

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	540-84-1	Pentane, 2,2,4-trimethyl-				
3.473	177707	12.1	59	83	7461	
		Unknown				
12.205	117529	6.05	87	0	0	
		Unknown				
12.699	116869	6.02	87	0	0	
	112-40-3	Dodecane				
12.986	144993	7.46	87	96	36159	
		Unknown				
13.465	152905	7.87	87			
	61141-72-8	Dodecane, 4,6-dimethyl-				
13.645	150086	7.73	87	93	55028	
	629-50-5	Tridecane				
13.852	171572	8.83	87	97	45543	
		Unknown				
14.354	117503	6.05	87	0	0	
	629-59-4	Tetradecane				
14.561	141473	7.28	87	97	55008	
	80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal				
14.662	134378	6.92	87	94	61716	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 59 Fluorobenzene	3.652	734433	50.0
* 87 Chlorobenzene-d5	7.205	971264	50.0

QC Flag Legend

Processing Flags

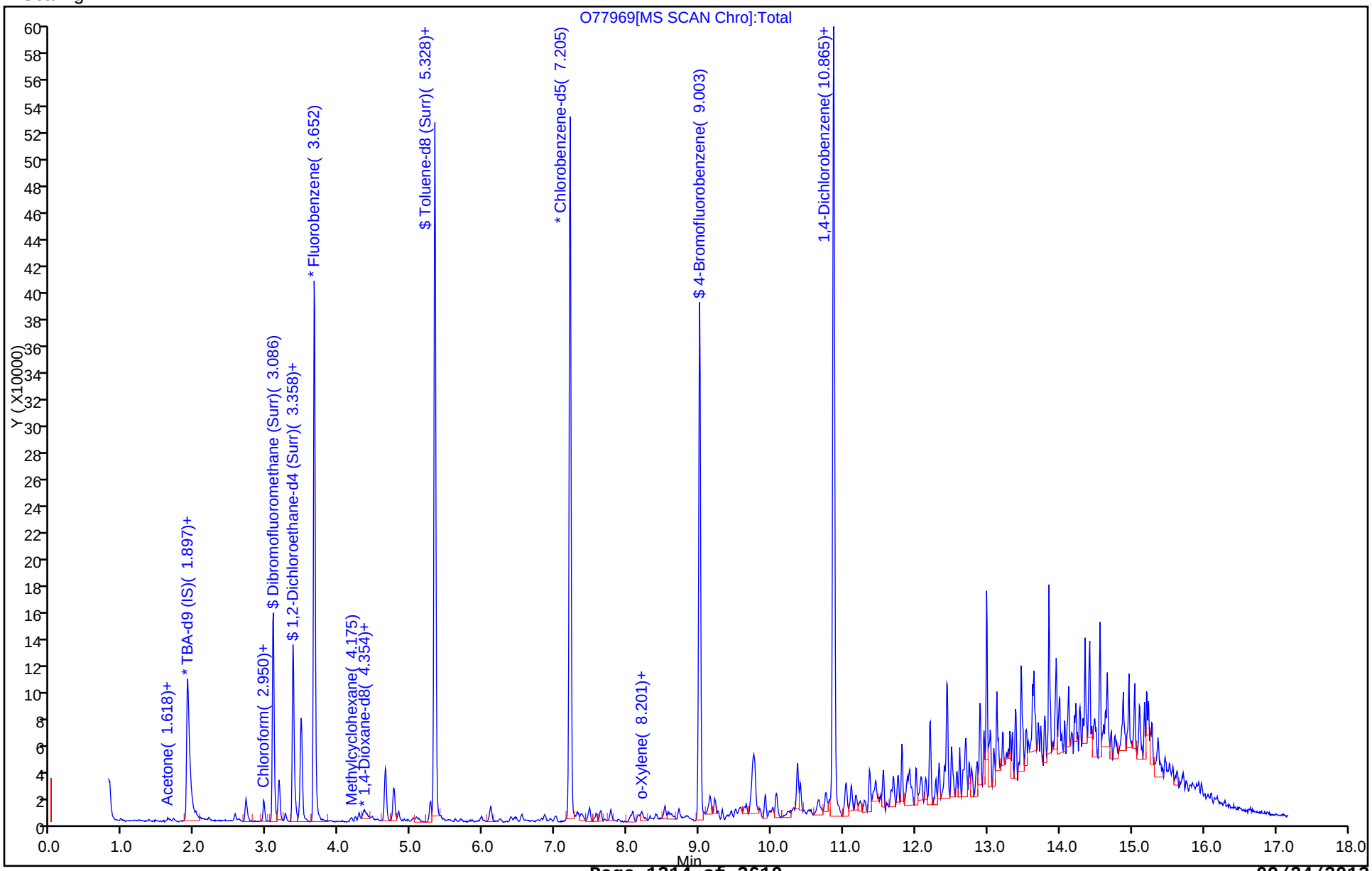
Report Date: 20-Sep-2013 15:34:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77969.D

Injection Date:	17-Sep-2013 18:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP2-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	8
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



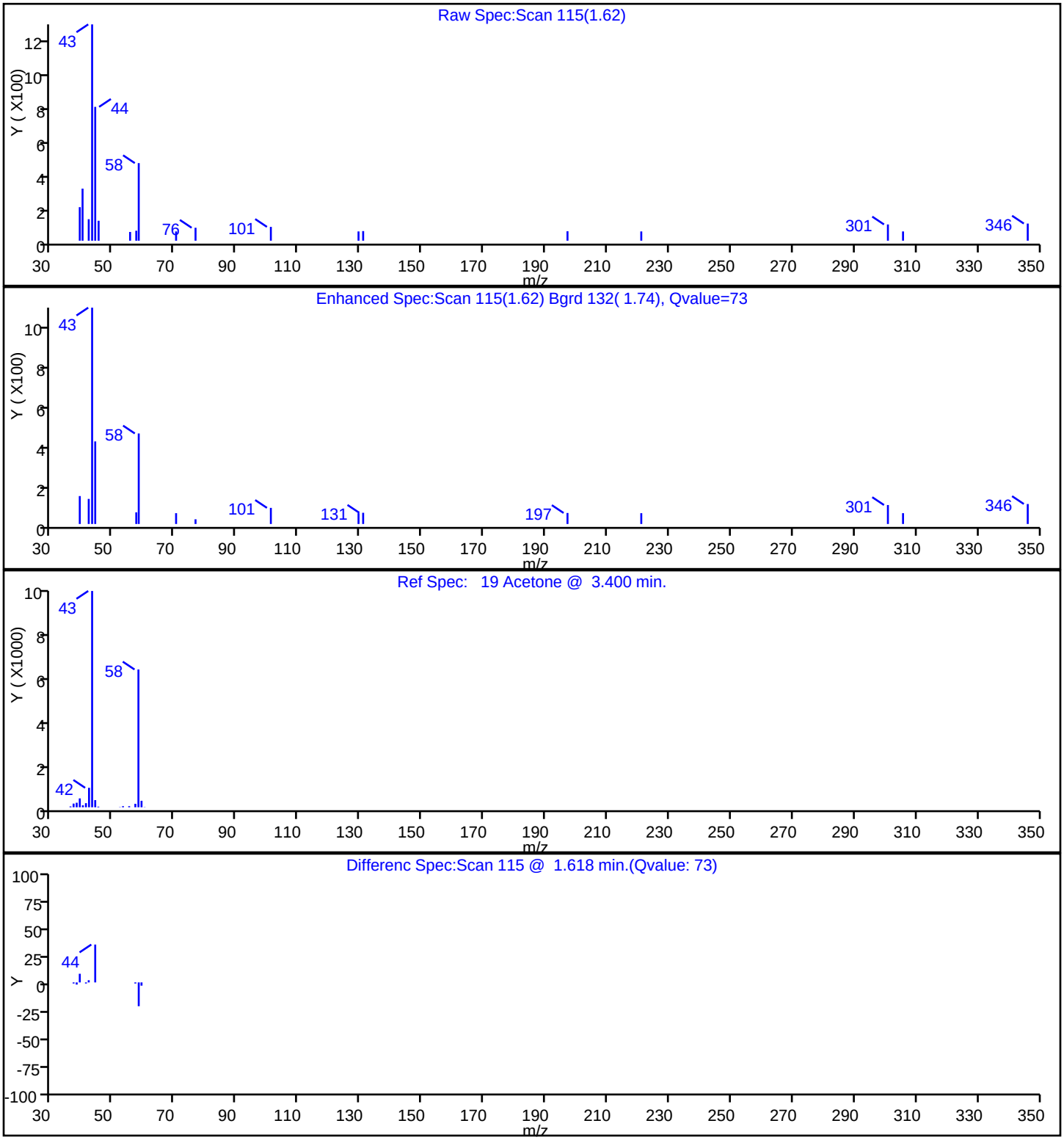
Report Date: 20-Sep-2013 15:34:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77969.D

Injection Date:	17-Sep-2013 18:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP2-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	8
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



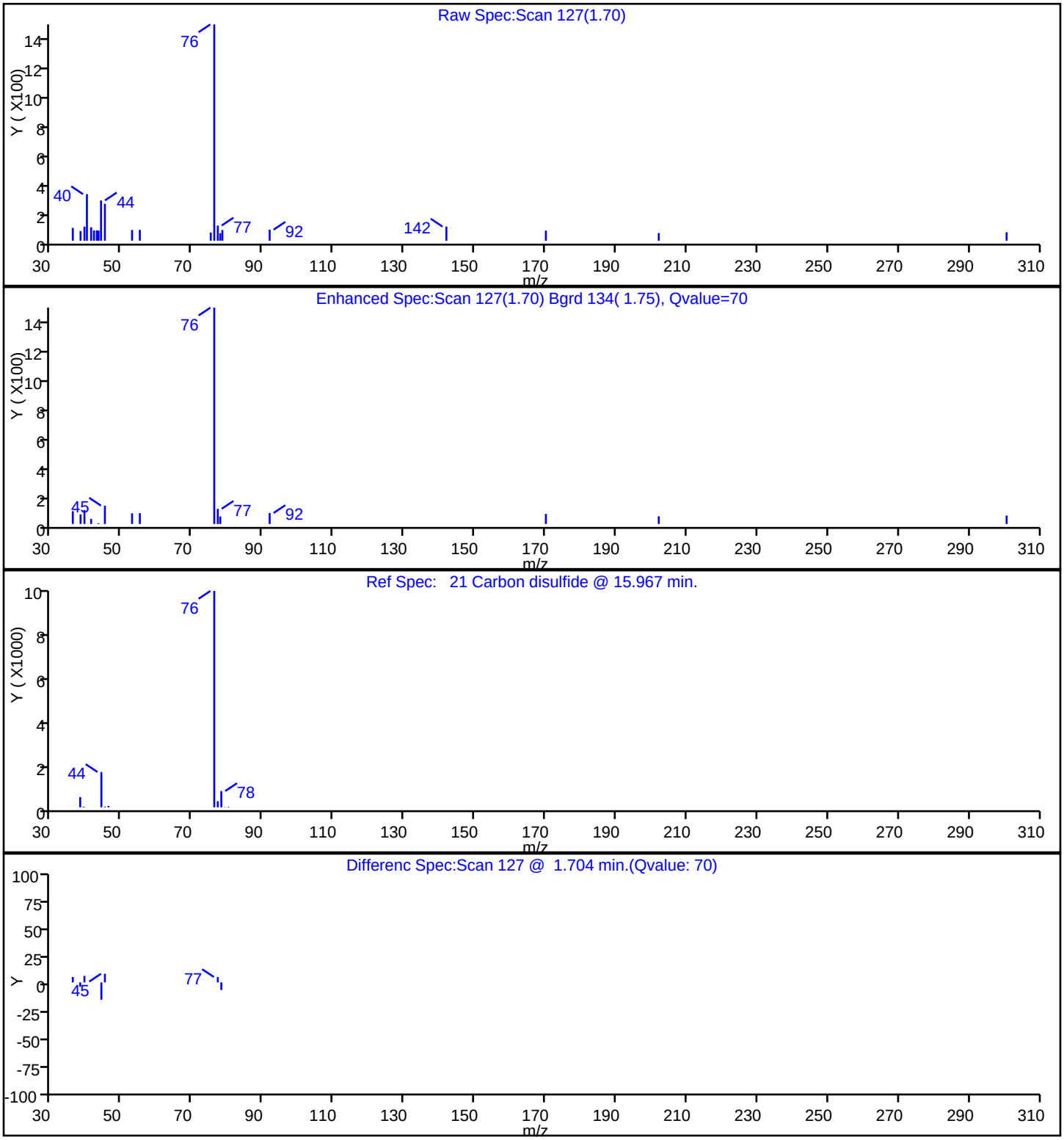
Report Date: 20-Sep-2013 15:34:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77969.D

Injection Date:	17-Sep-2013 18:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP2-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	8
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

21 Carbon disulfide



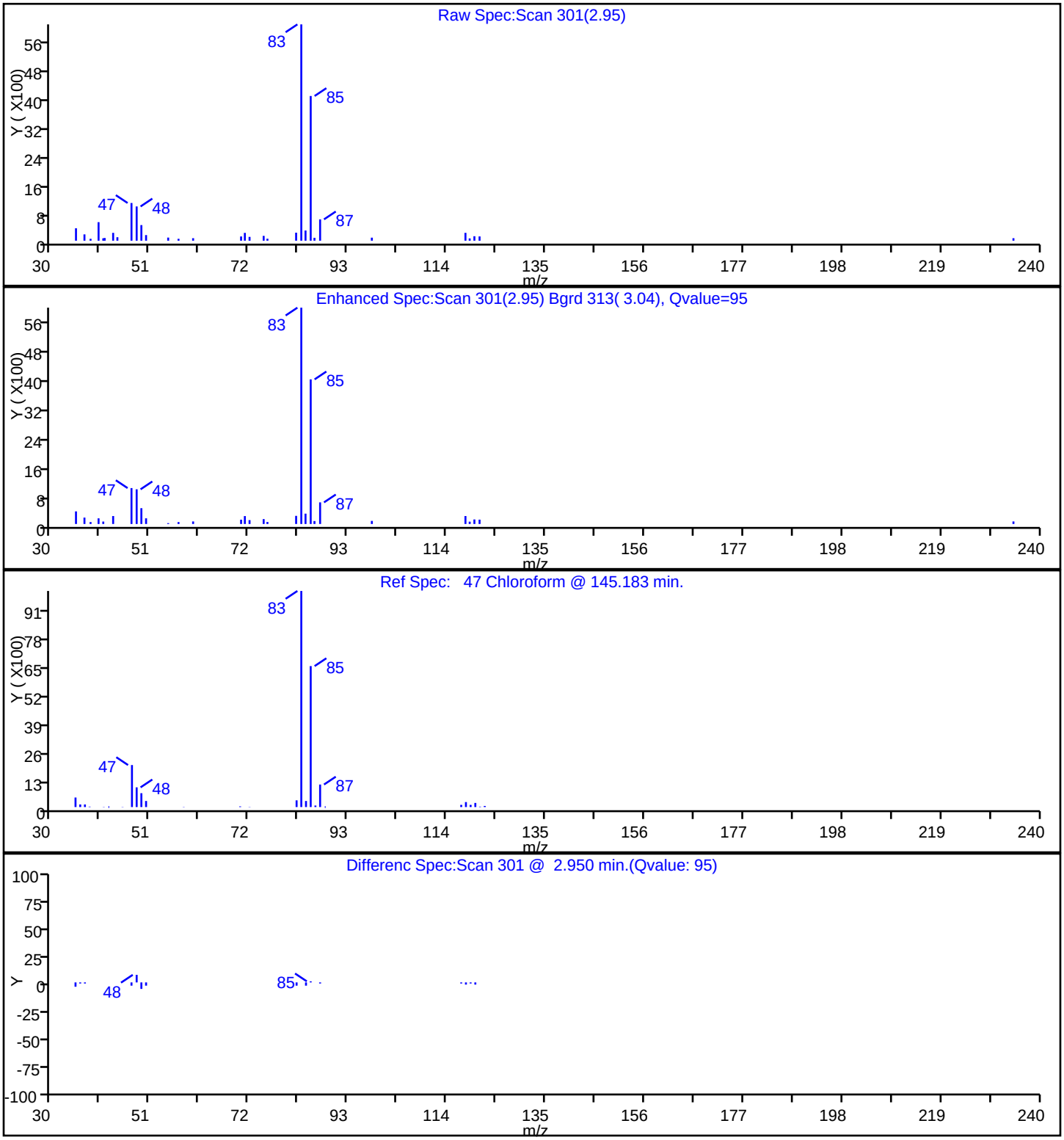
Report Date: 20-Sep-2013 15:34:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77969.D

Injection Date:	17-Sep-2013 18:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP2-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	8
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



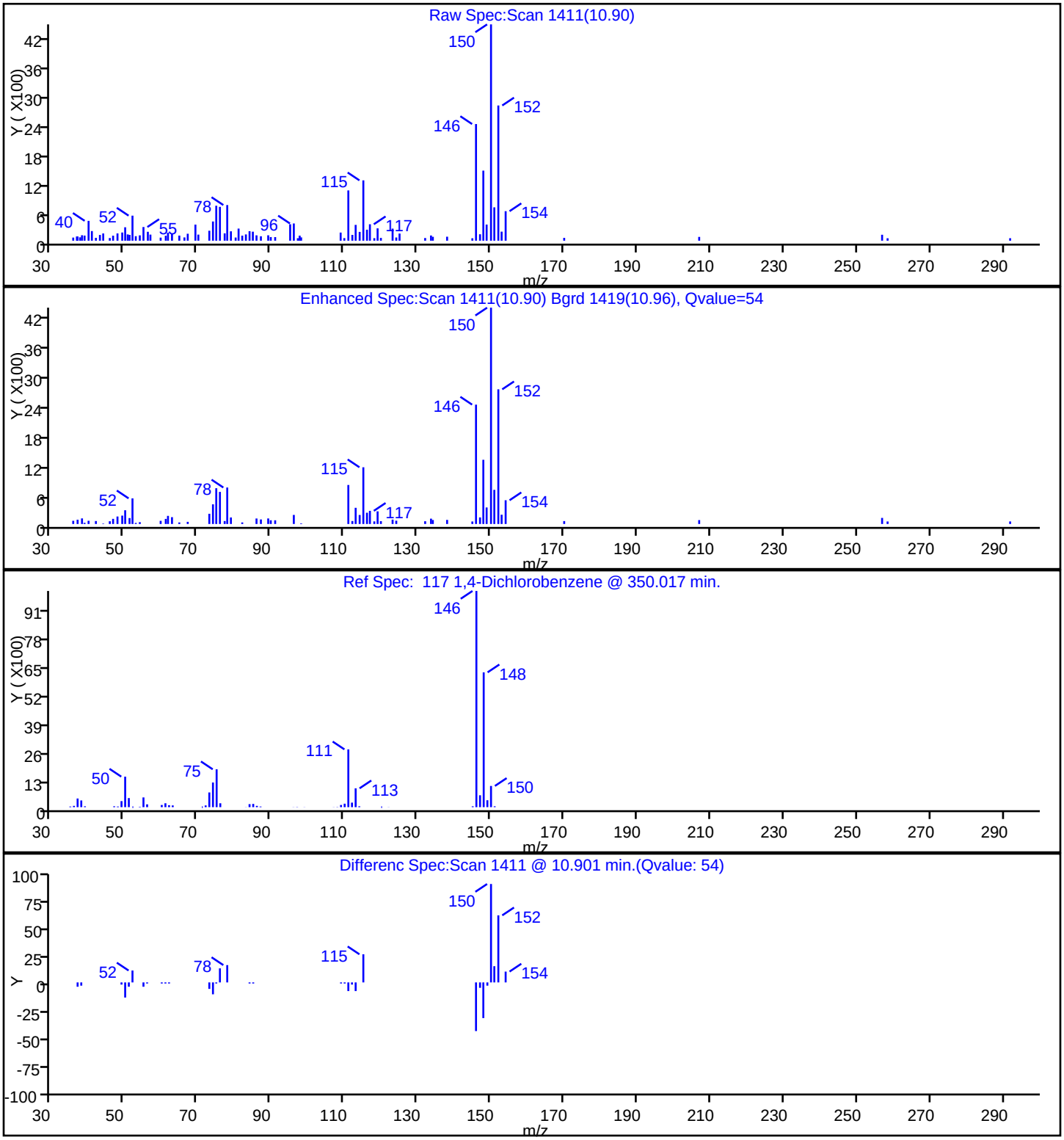
Report Date: 20-Sep-2013 15:34:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77969.D

Injection Date:	17-Sep-2013 18:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP2-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	8
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



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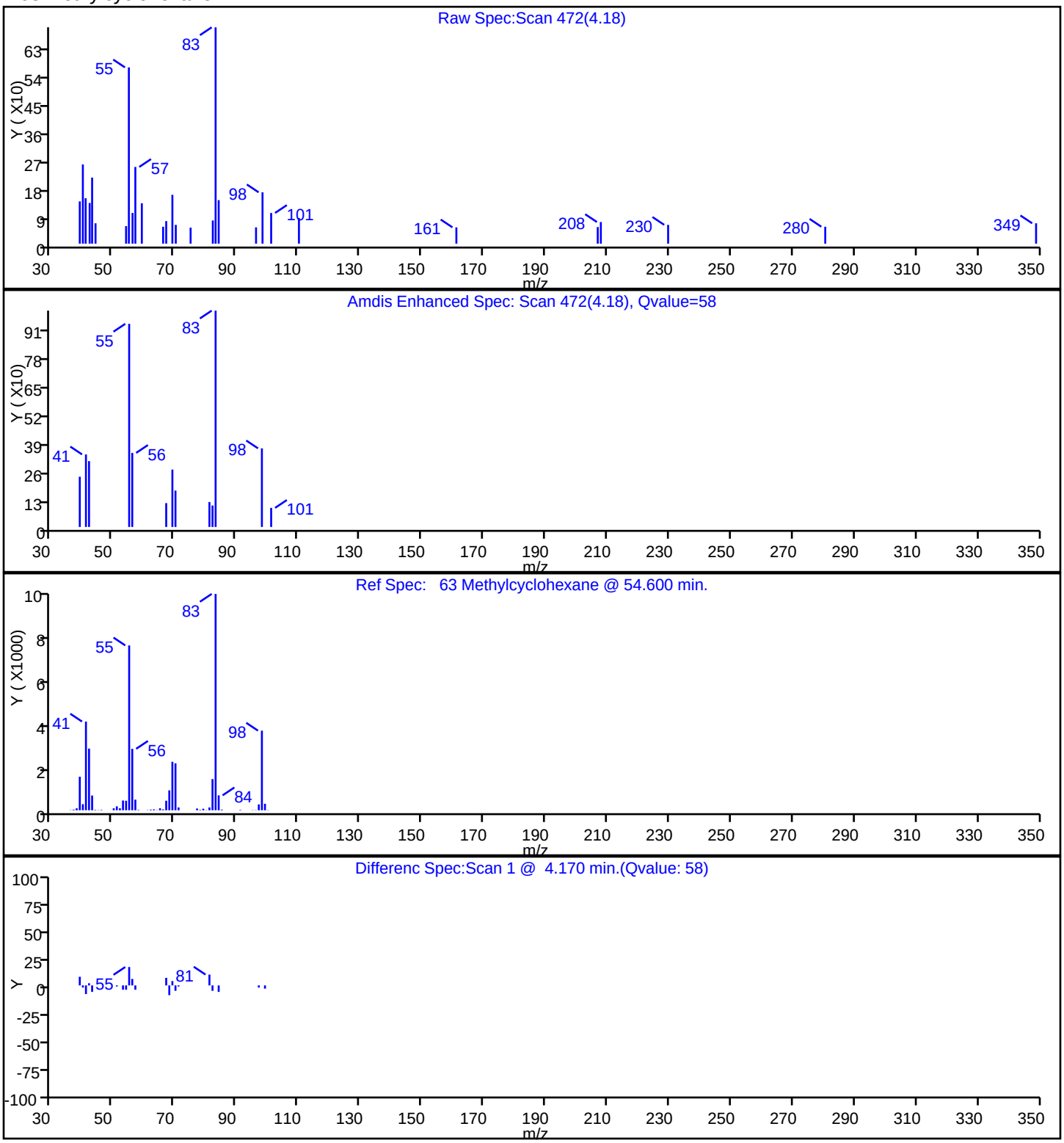
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77969.D

Injection Date:	17-Sep-2013 18:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP2-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	8
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

63 Methylcyclohexane



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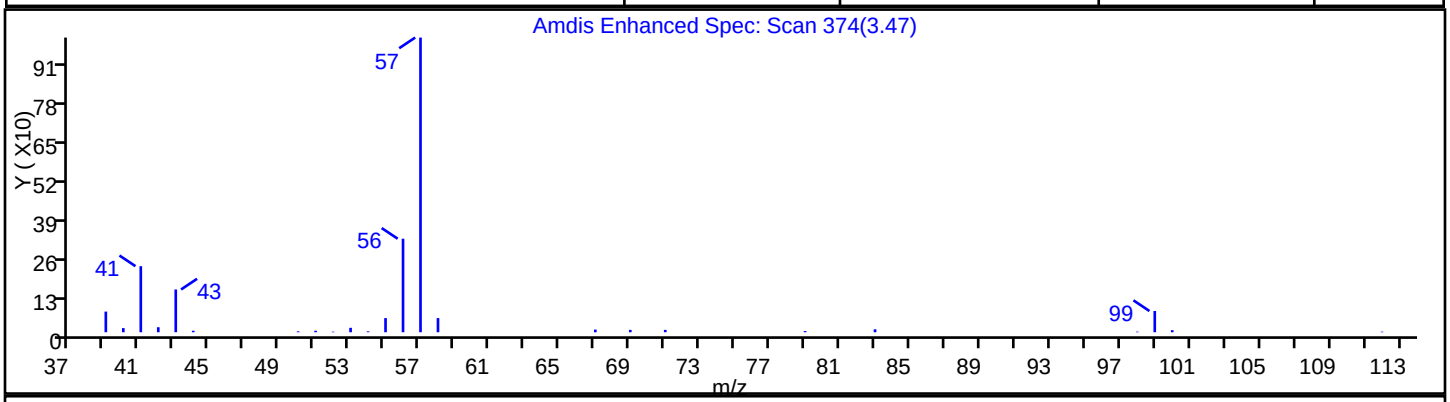
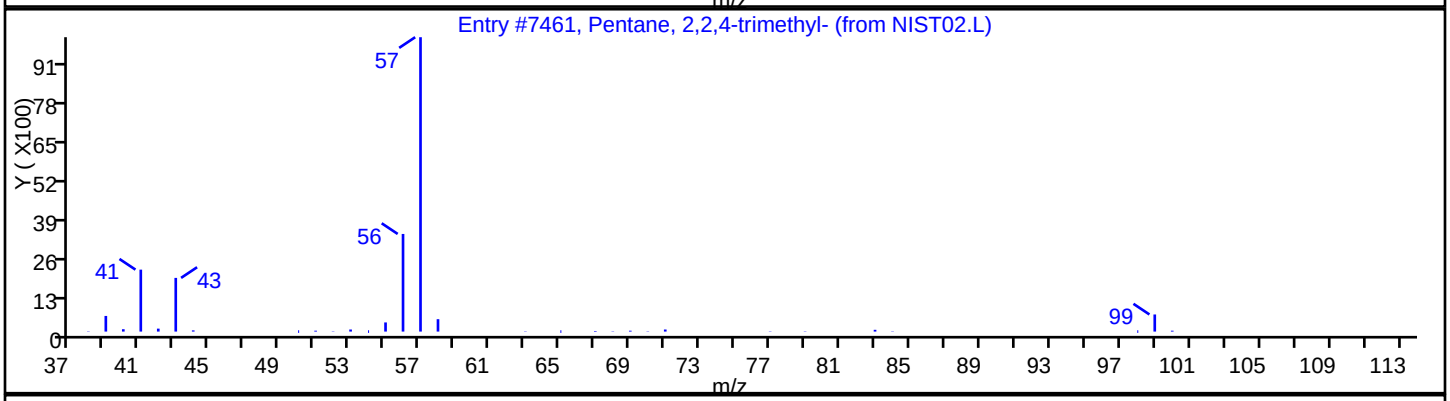
TestAmerica Edison

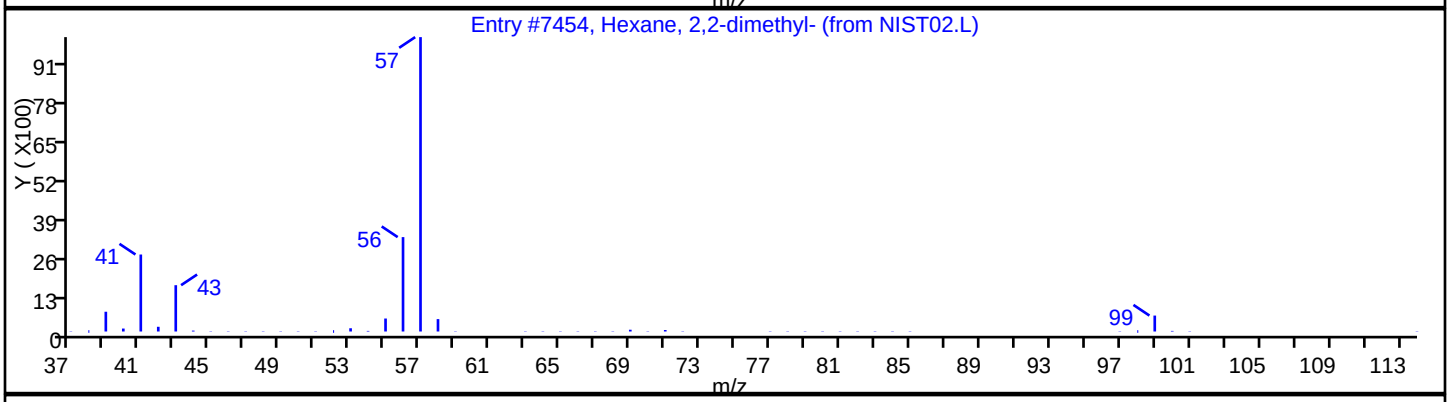
Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77969.D

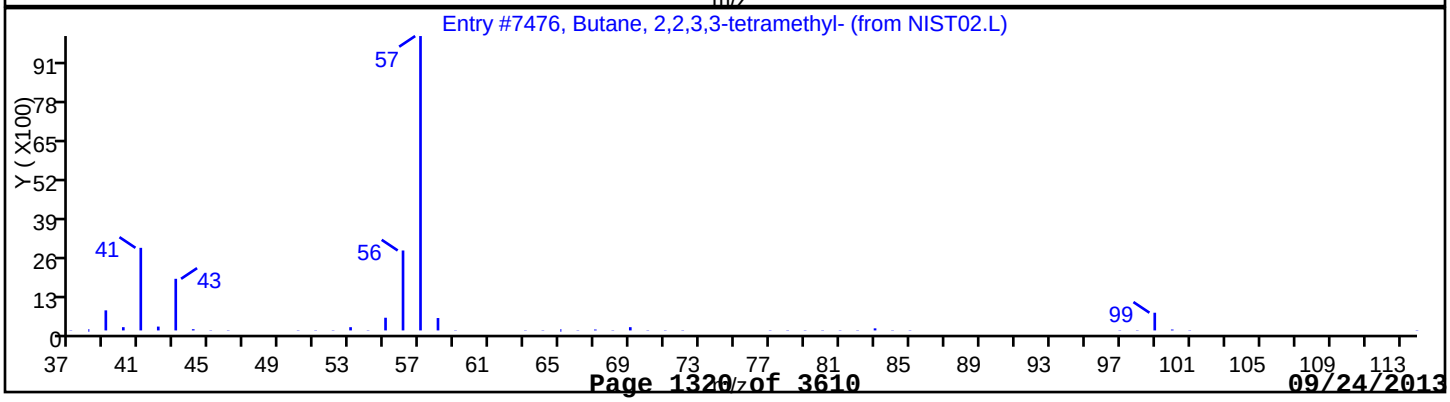
Injection Date:	17-Sep-2013 18:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP2-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	8
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentane, 2,2,4-trimethyl-	540-84-1	NIST02.L	7461	83
Hexane, 2,2-dimethyl-	590-73-8	NIST02.L	7454	83
Butane, 2,2,3,3-tetramethyl-	594-82-1	NIST02.L	7476	78









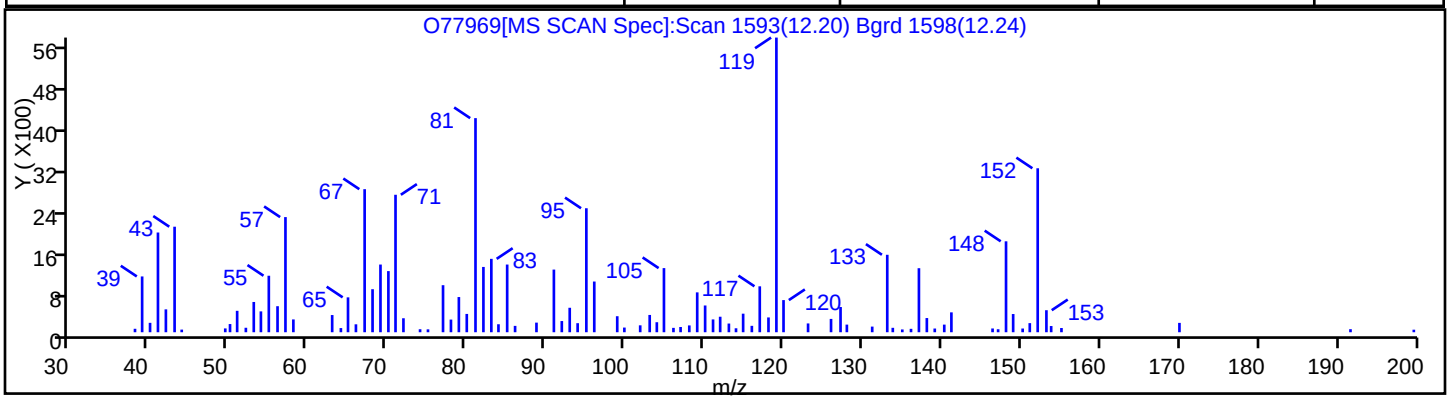
Report Date: 20-Sep-2013 15:34:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

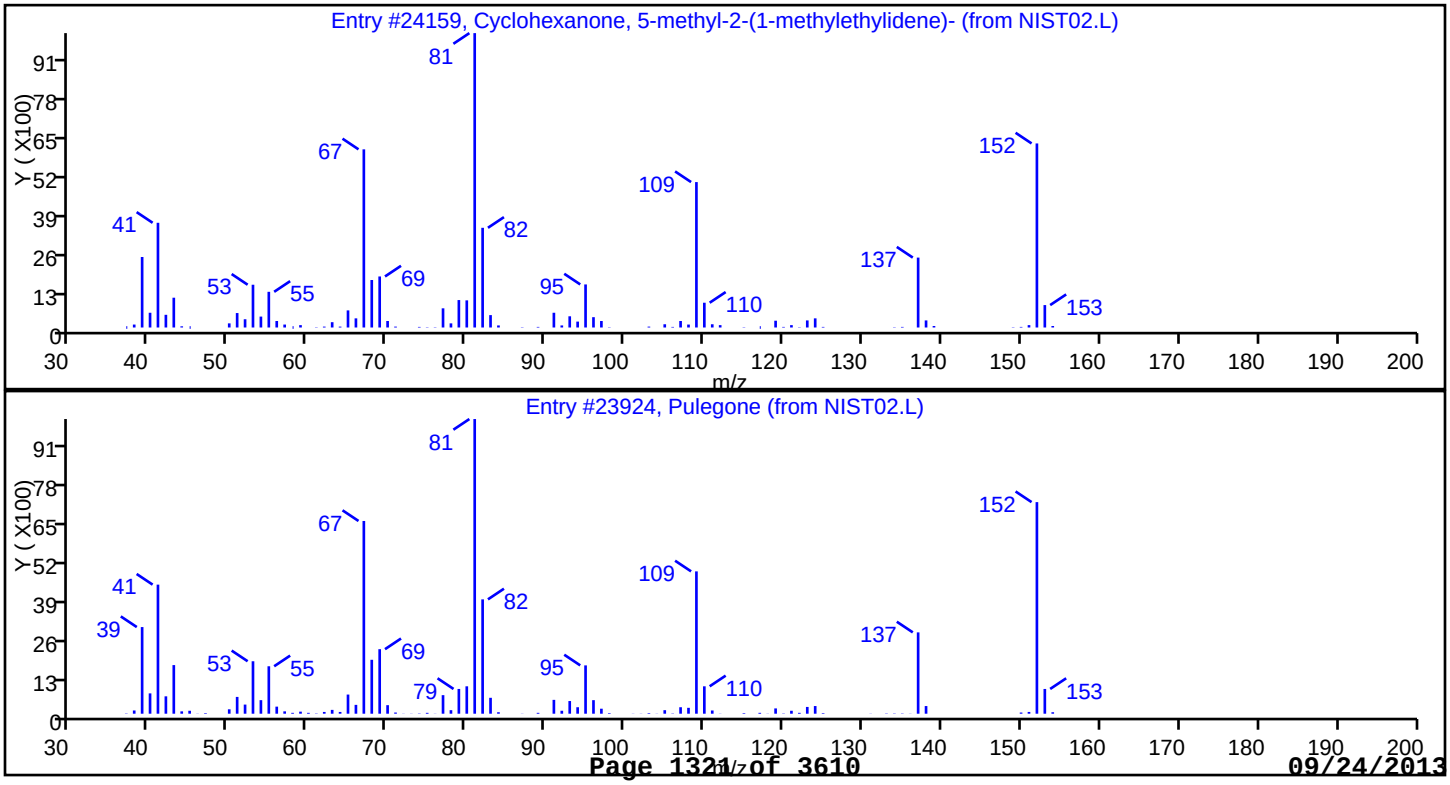
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77969.D

Injection Date:	17-Sep-2013 18:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP2-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	8
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown		NIST02.L	0	0
Cyclohexanone, 5-methyl-2-(1-methylethyl	15932-80-6	NIST02.L	24159	48
Pulegone	89-82-7	NIST02.L	23924	47





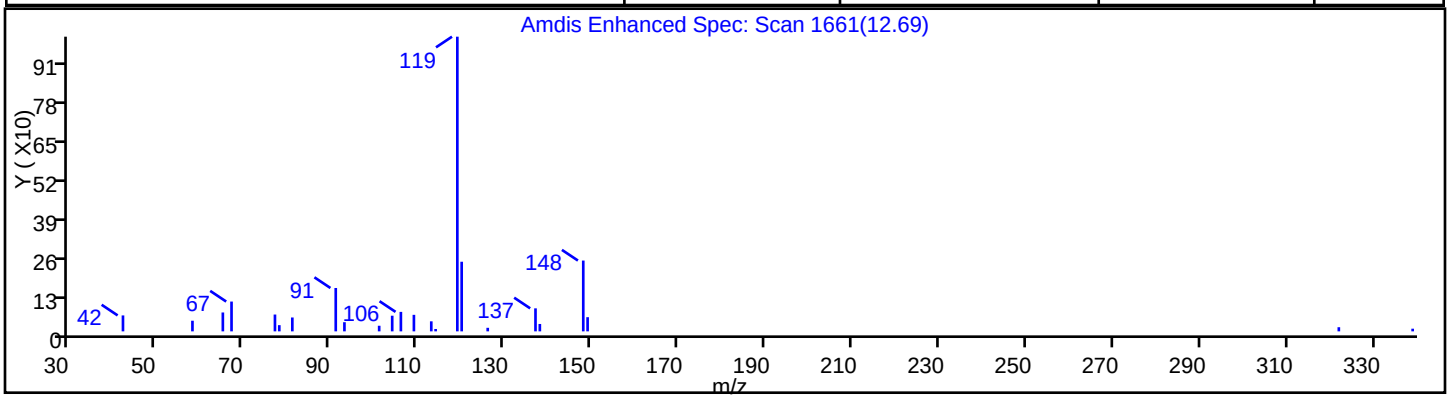
Report Date: 20-Sep-2013 15:34:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

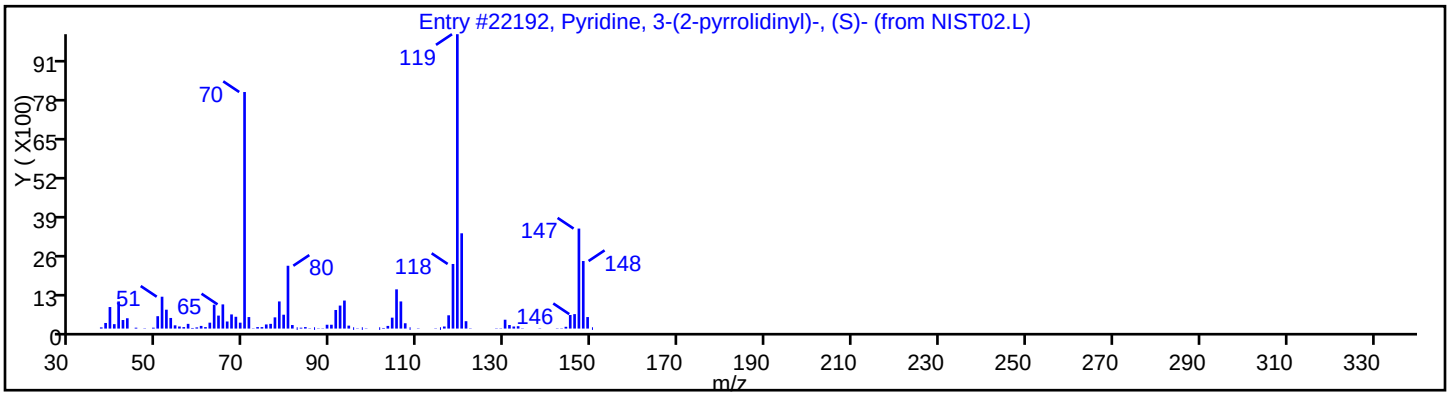
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77969.D

Injection Date:	17-Sep-2013 18:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP2-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	8
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown		NIST02.L	0	0
Pyridine, 3-(2-pyrrolidinyl)-, (S)-	494-97-3	NIST02.L	22192	72





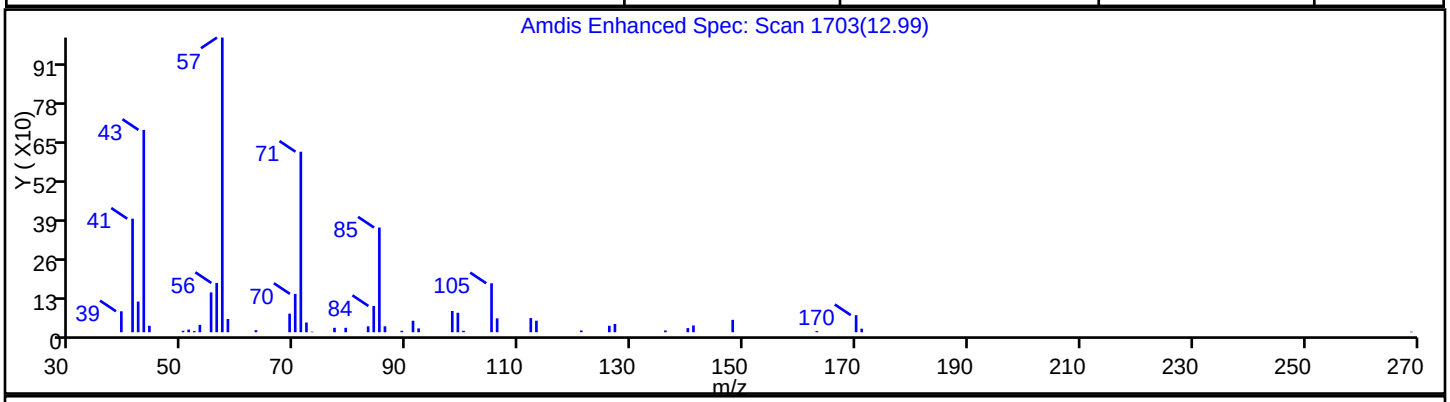
Report Date: 20-Sep-2013 15:34:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

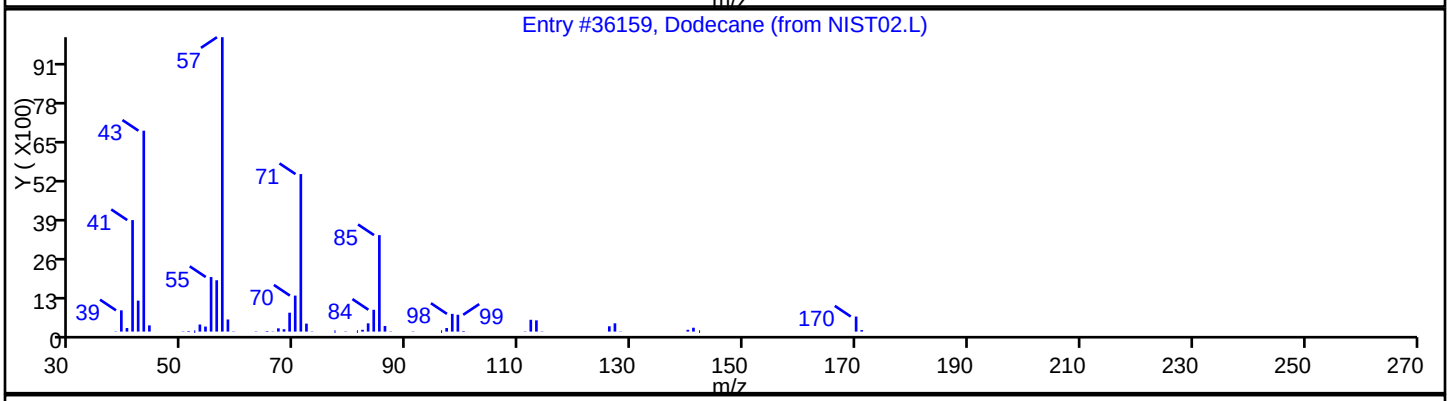
TestAmerica Edison

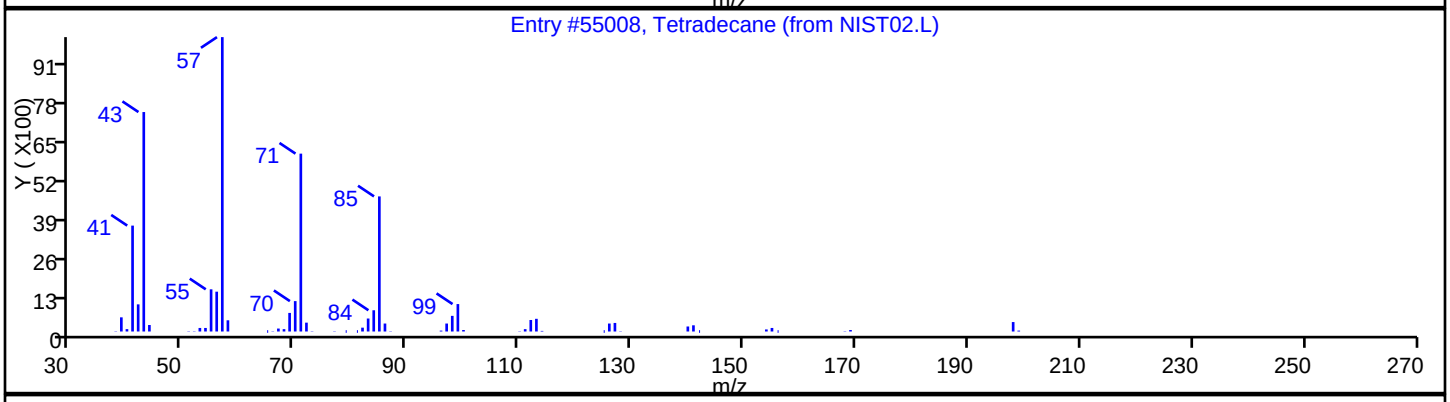
Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77969.D

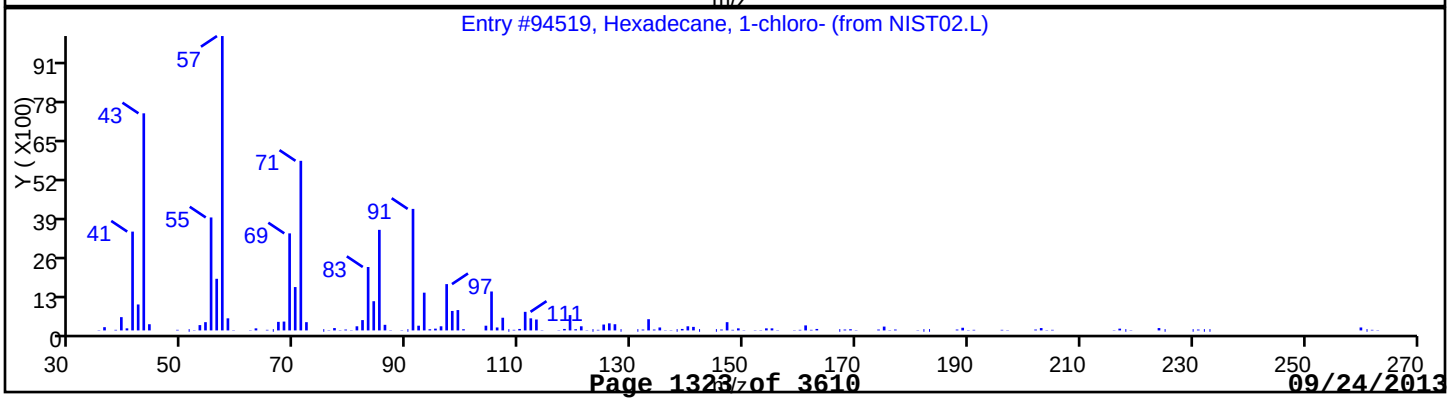
Injection Date:	17-Sep-2013 18:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP2-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	8
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Dodecane	112-40-3	NIST02.L	36159	96
Tetradecane	629-59-4	NIST02.L	55008	72
Hexadecane, 1-chloro-	4860-03-1	NIST02.L	94519	72









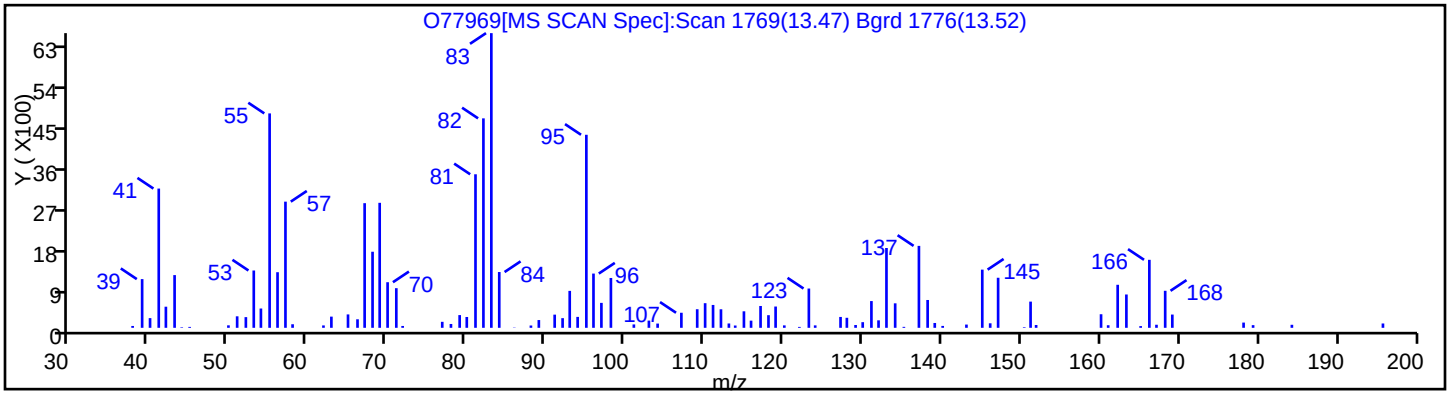
Report Date: 20-Sep-2013 15:34:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77969.D

Injection Date:	17-Sep-2013 18:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP2-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	8
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

No Library Matches Found above the Threshold: 40

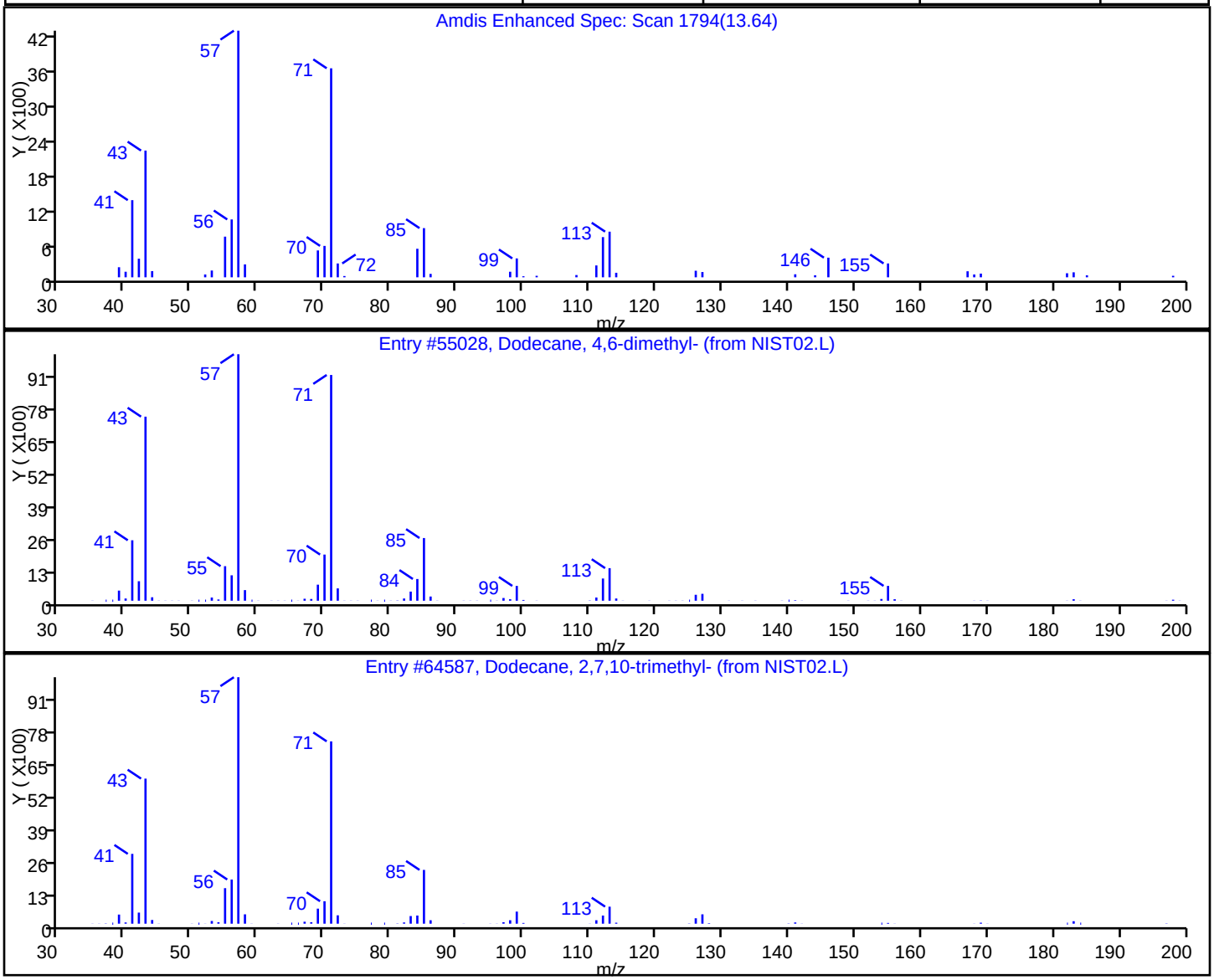


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77969.D

Injection Date:	17-Sep-2013 18:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP2-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	8
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Dodecane, 4,6-dimethyl-	61141-72-8	NIST02.L	55028	93
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	72



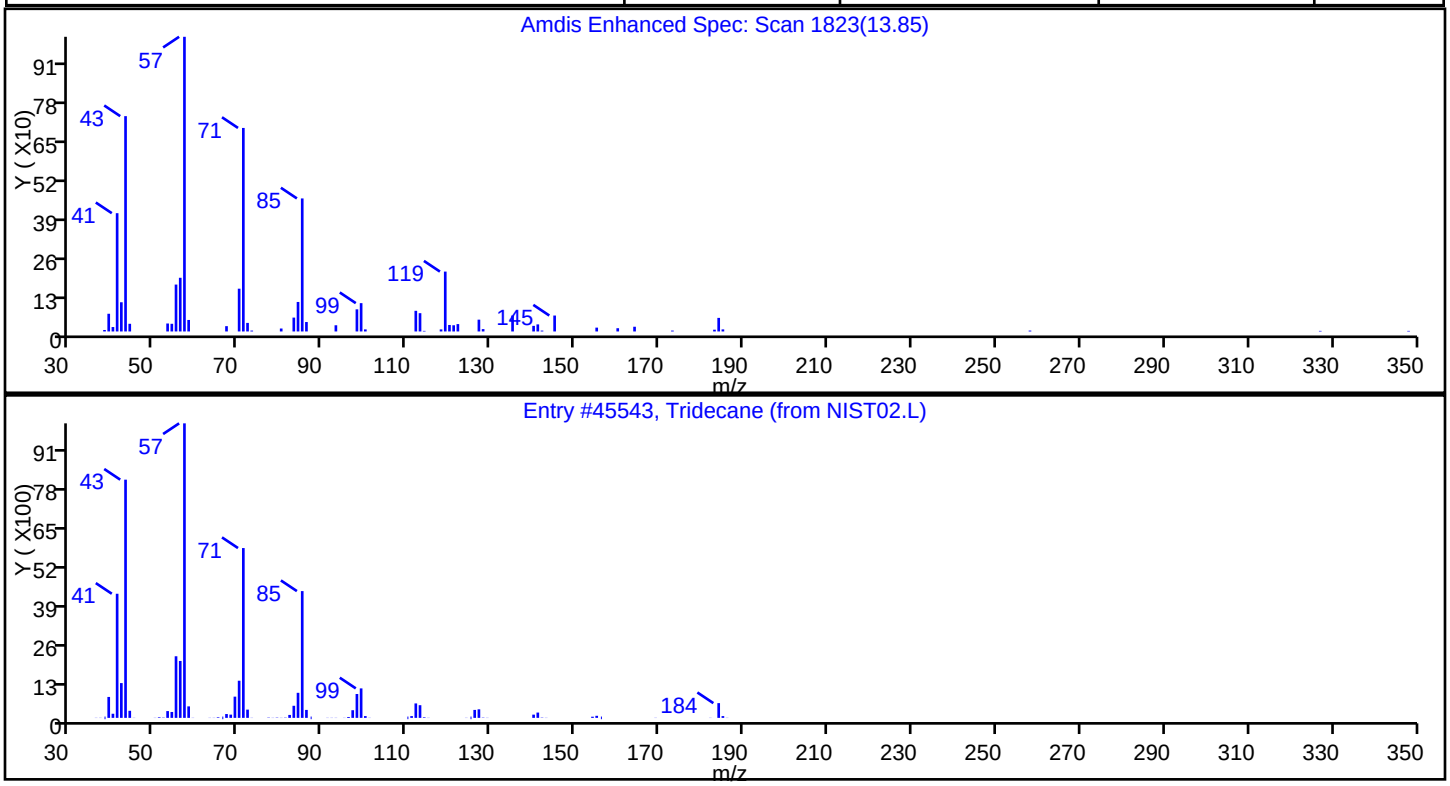
Report Date: 20-Sep-2013 15:34:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77969.D

Injection Date:	17-Sep-2013 18:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP2-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	8
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tridecane	629-50-5	NIST02.L	45543	97



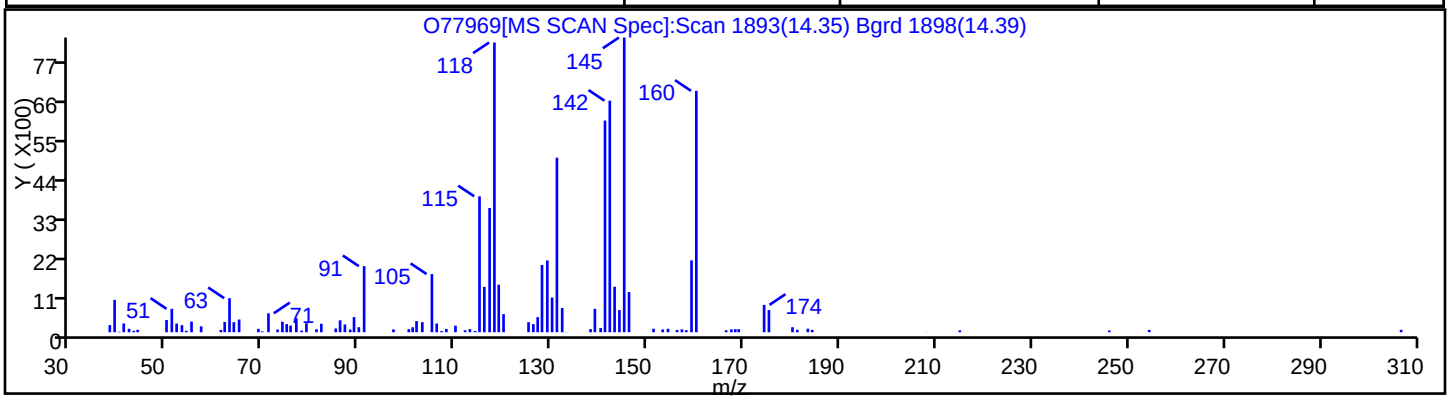
Report Date: 20-Sep-2013 15:34:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

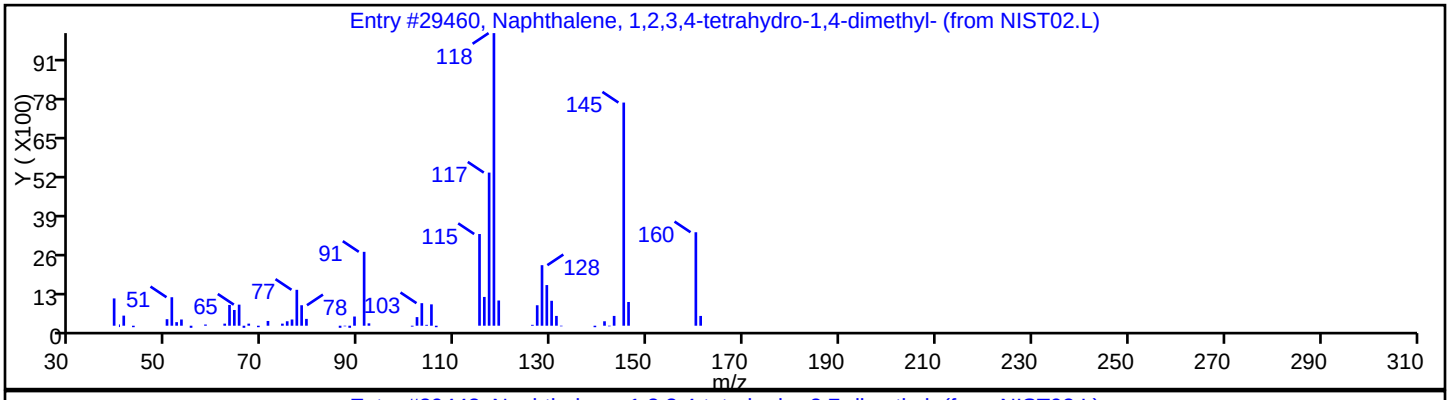
TestAmerica Edison

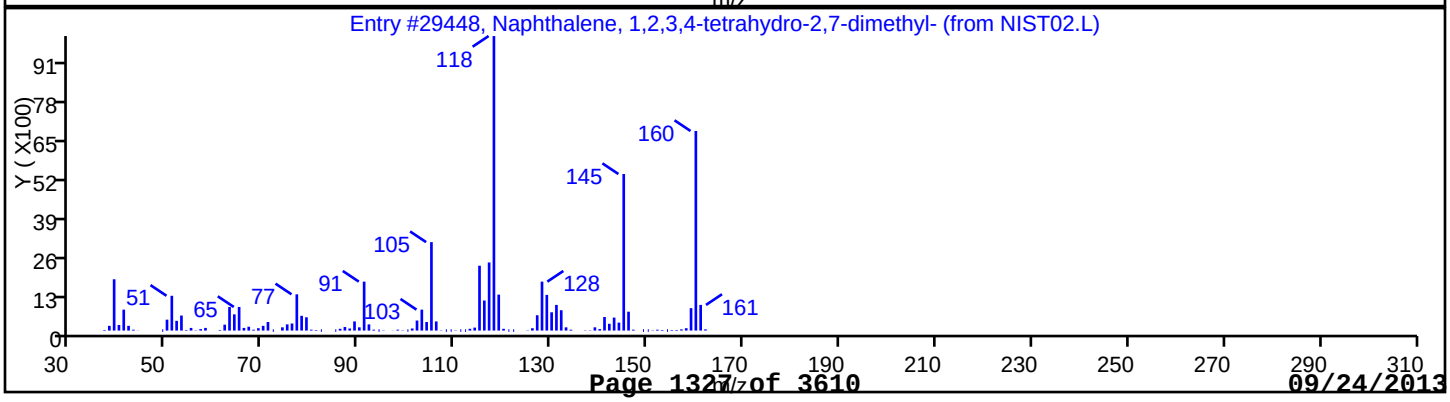
Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77969.D

Injection Date:	17-Sep-2013 18:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP2-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	8
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown		NIST02.L	0	0
Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	4175-54-6	NIST02.L	29460	60
Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13065-07-1	NIST02.L	29448	53







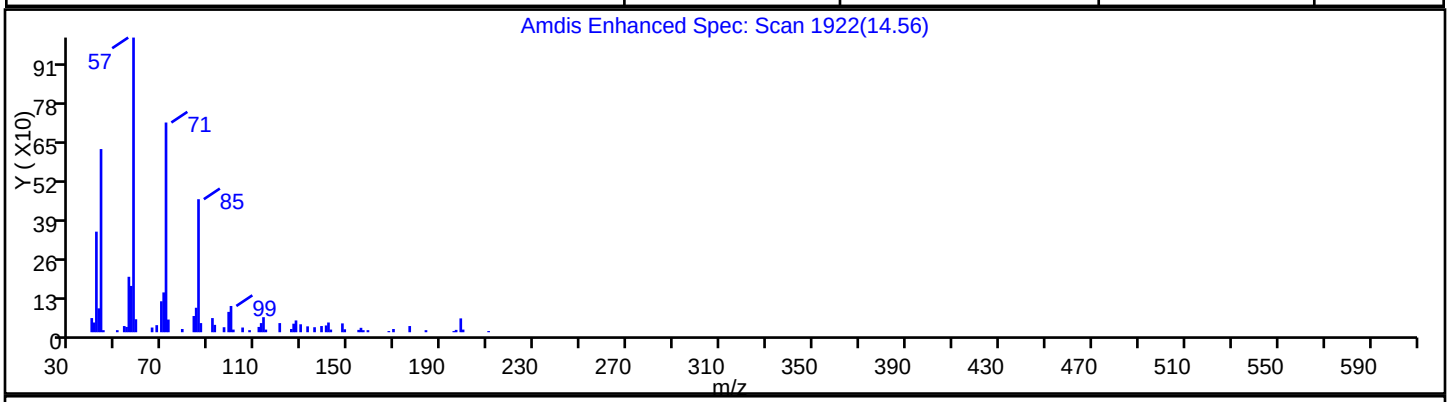
Report Date: 20-Sep-2013 15:34:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

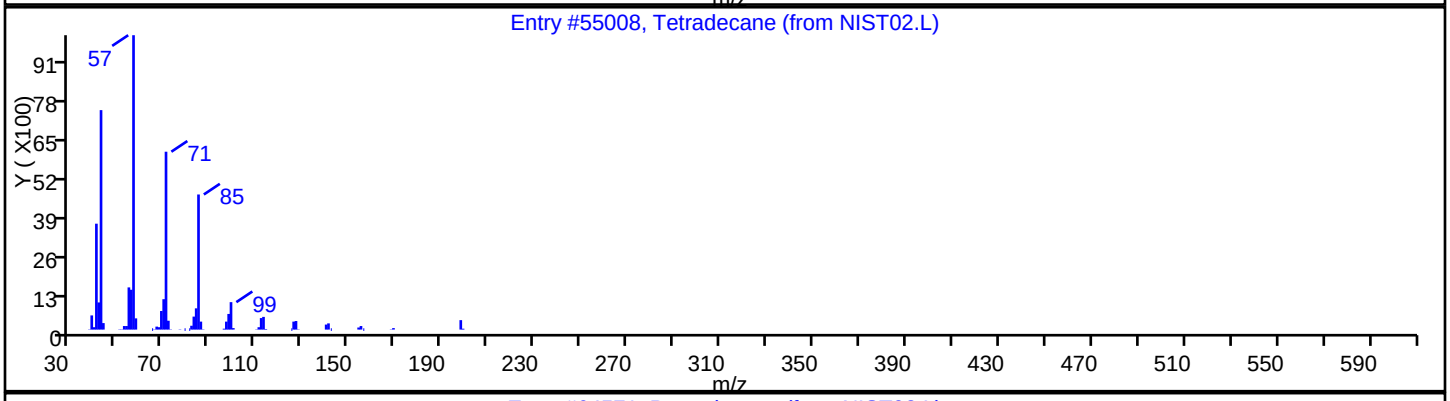
TestAmerica Edison

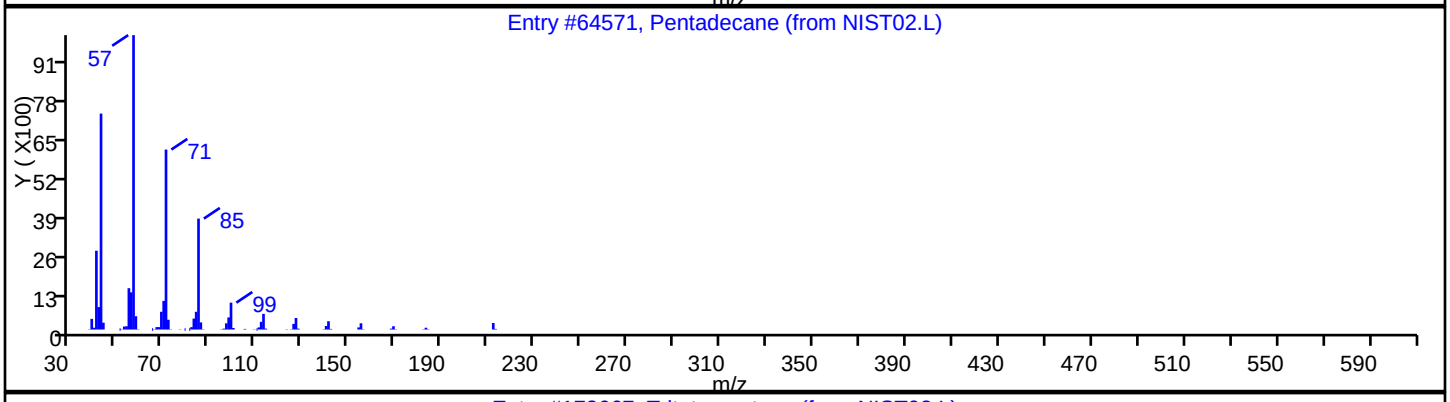
Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77969.D

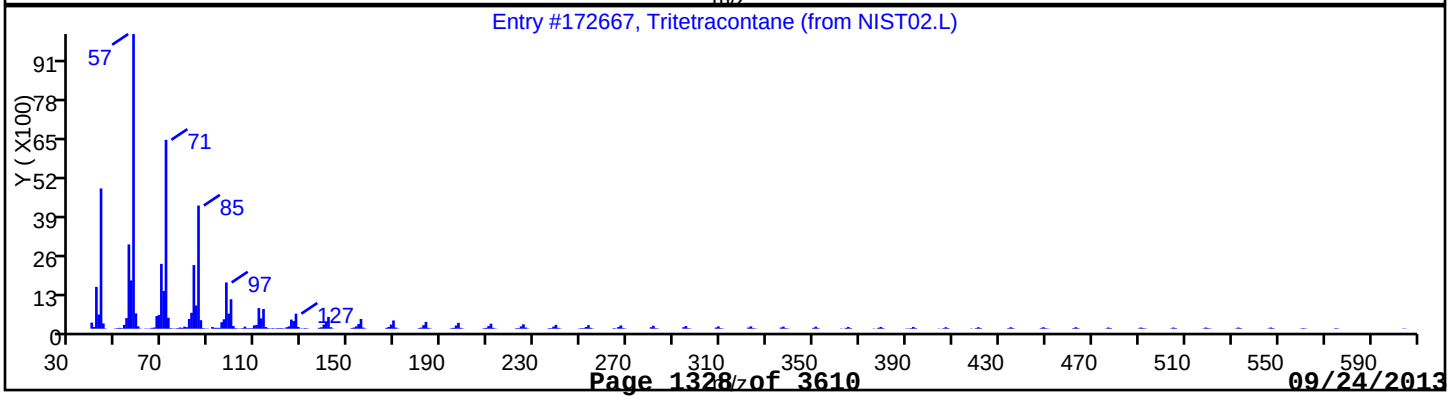
Injection Date:	17-Sep-2013 18:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP2-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	8
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tetradecane	629-59-4	NIST02.L	55008	97
Pentadecane	629-62-9	NIST02.L	64571	91
Tritetracontane	7098-21-7	NIST02.L	172667	90









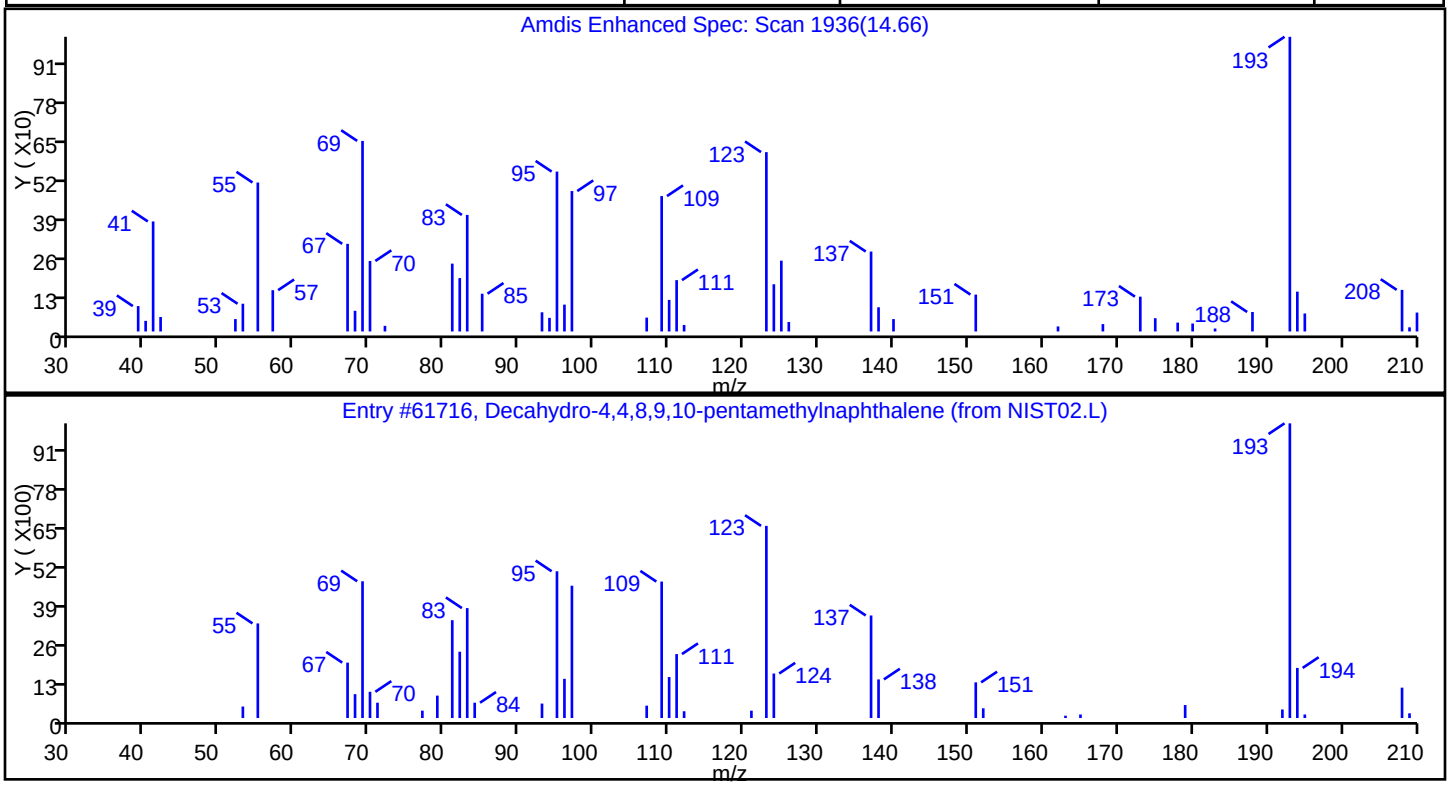
Report Date: 20-Sep-2013 15:34:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77969.D

Injection Date:	17-Sep-2013 18:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP2-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	8
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	94



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP3-091313 | Lab Sample ID: 460-62993-43

Matrix: Solid | Lab File ID: O77970.D

Analysis Method: 8260B | Date Collected: 09/13/2013 00:00

Sample wt/vol: 4.917(g) | Date Analyzed: 09/17/2013 18:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 17.9 | Level: (low/med) Low

Analysis Batch No.: 181813 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.20	U	1.2	0.20
74-83-9	Bromomethane	0.53	U	1.2	0.53
75-01-4	Vinyl chloride	0.42	U	1.2	0.42
75-00-3	Chloroethane	0.41	U	1.2	0.41
75-09-2	Methylene Chloride	0.19	U	1.2	0.19
67-64-1	Acetone	2.9	J B	6.2	2.1
75-15-0	Carbon disulfide	0.19	U	1.2	0.19
75-69-4	Trichlorofluoromethane	0.20	U	1.2	0.20
75-35-4	1,1-Dichloroethene	0.24	U	1.2	0.24
75-34-3	1,1-Dichloroethane	0.14	U	1.2	0.14
156-60-5	trans-1,2-Dichloroethene	0.16	U	1.2	0.16
156-59-2	cis-1,2-Dichloroethene	0.14	U	1.2	0.14
67-66-3	Chloroform	4.2		1.2	0.30
78-93-3	2-Butanone	0.78	U	6.2	0.78
107-06-2	1,2-Dichloroethane	0.22	U	1.2	0.22
71-55-6	1,1,1-Trichloroethane	0.16	U	1.2	0.16
56-23-5	Carbon tetrachloride	0.19	U	1.2	0.19
71-43-2	Benzene	0.19	U	1.2	0.19
75-25-2	Bromoform	0.26	J	1.2	0.21
100-42-5	Styrene	0.35	U	1.2	0.35
100-41-4	Ethylbenzene	0.21	U	1.2	0.21
108-90-7	Chlorobenzene	0.22	U	1.2	0.22
110-82-7	Cyclohexane	0.16	U	1.2	0.16
98-82-8	Isopropylbenzene	0.14	U	1.2	0.14
591-78-6	2-Hexanone	0.16	U	6.2	0.16
1634-04-4	MTBE	0.14	U	1.2	0.14
76-13-1	Freon TF	0.14	U	1.2	0.14
79-20-9	Methyl acetate	0.40	U	1.2	0.40
123-91-1	1,4-Dioxane	16	U	25	16
79-01-6	Trichloroethene	0.15	U	1.2	0.15
108-88-3	Toluene	0.17	U	1.2	0.17
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
108-10-1	4-Methyl-2-pentanone	0.25	U	6.2	0.25
10061-01-5	cis-1,3-Dichloropropene	0.17	U	1.2	0.17
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12
541-73-1	1,3-Dichlorobenzene	0.20	U	1.2	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP3-091313 | Lab Sample ID: 460-62993-43

Matrix: Solid | Lab File ID: O77970.D

Analysis Method: 8260B | Date Collected: 09/13/2013 00:00

Sample wt/vol: 4.917(g) | Date Analyzed: 09/17/2013 18:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 17.9 | Level: (low/med) Low

Analysis Batch No.: 181813 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.96	J	1.2	0.14
120-82-1	1,2,4-Trichlorobenzene	0.24	U	1.2	0.24
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1.2	0.20
78-87-5	1,2-Dichloropropane	0.19	U	1.2	0.19
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
127-18-4	Tetrachloroethene	0.15	U	1.2	0.15
1330-20-7	Xylenes, Total	0.83	U	3.7	0.83
96-12-8	1,2-Dibromo-3-Chloropropane	0.55	U	1.2	0.55
79-34-5	1,1,2,2-Tetrachloroethane	0.11	U	1.2	0.11
79-00-5	1,1,2-Trichloroethane	0.17	U	1.2	0.17
124-48-1	Dibromochloromethane	0.26	J	1.2	0.12
106-93-4	1,2-Dibromoethane	0.19	U	1.2	0.19
75-71-8	Dichlorodifluoromethane	0.27	U	1.2	0.27
74-97-5	Bromochloromethane	0.14	U	1.2	0.14
75-27-4	Bromodichloromethane	0.55	J	1.2	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-130
2037-26-5	Toluene-d8 (Surr)	112		70-130
460-00-4	Bromofluorobenzene	104		70-130
1868-53-7	Dibromofluoromethane (Surr)	103		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP3-091313 Lab Sample ID: 460-62993-43

Matrix: Solid Lab File ID: O77970.D

Analysis Method: 8260B Date Collected: 09/13/2013 00:00

Sample wt/vol: 4.917(g) Date Analyzed: 09/17/2013 18:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 17.9 Level: (low/med) Low

Analysis Batch No.: 181813 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77970.D		
Lims ID:	460-62993-A-43-A	Client ID:	DUP3-091313
Inject. Date:	17-Sep-2013 18:58:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-A-43-A		
Misc. Info.:	460-0004727-009		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	8
Lims Batch ID:	181813	Lims Sample ID:	9
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\8260S_12.m		
Last Update:	20-Sep-2013 15:29:19	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK026		
First Level Reviewer: tupayachia		Date:	18-Sep-2013 11:32:54

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.632	1.632	0.0	66	3792	2.33	
* 151 TBA-d9 (IS)	65	1.897	1.904	-0.007	87	195874	1000.0	
47 Chloroform	83	2.957	2.957	0.0	90	14815	3.38	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	97	86500	51.3	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.358	0.0	88	84761	57.0	
* 59 Fluorobenzene	96	3.659	3.652	0.007	100	365264	50.0	
* 150 1,4-Dioxane-d8	96	4.354	4.361	-0.007	81	16707	1000.0	
70 Dichlorobromomethane	83	4.526	4.533	-0.007	61	1438	0.4466	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	98	387526	55.8	
84 Chlorodibromomethane	129	6.431	6.431	0.0	32	465	0.2061	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	346721	50.0	
97 Bromoform	173	8.480	8.473	0.007	3	358	0.2124	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	94	140746	51.8	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	198268	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	72	5356	0.7778	

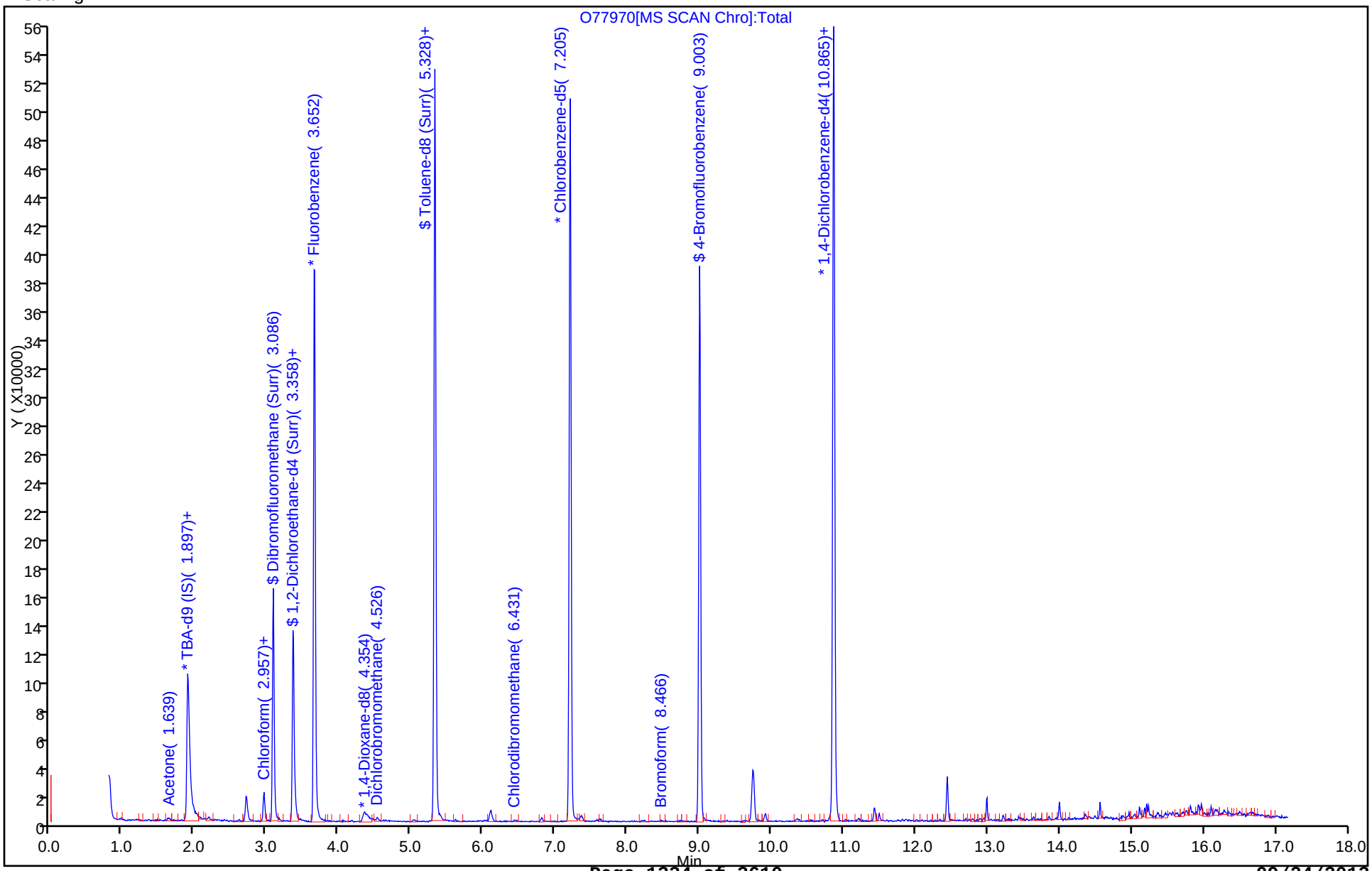
Report Date: 20-Sep-2013 15:35:48 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77970.D

Injection Date:	17-Sep-2013 18:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP3-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	9
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

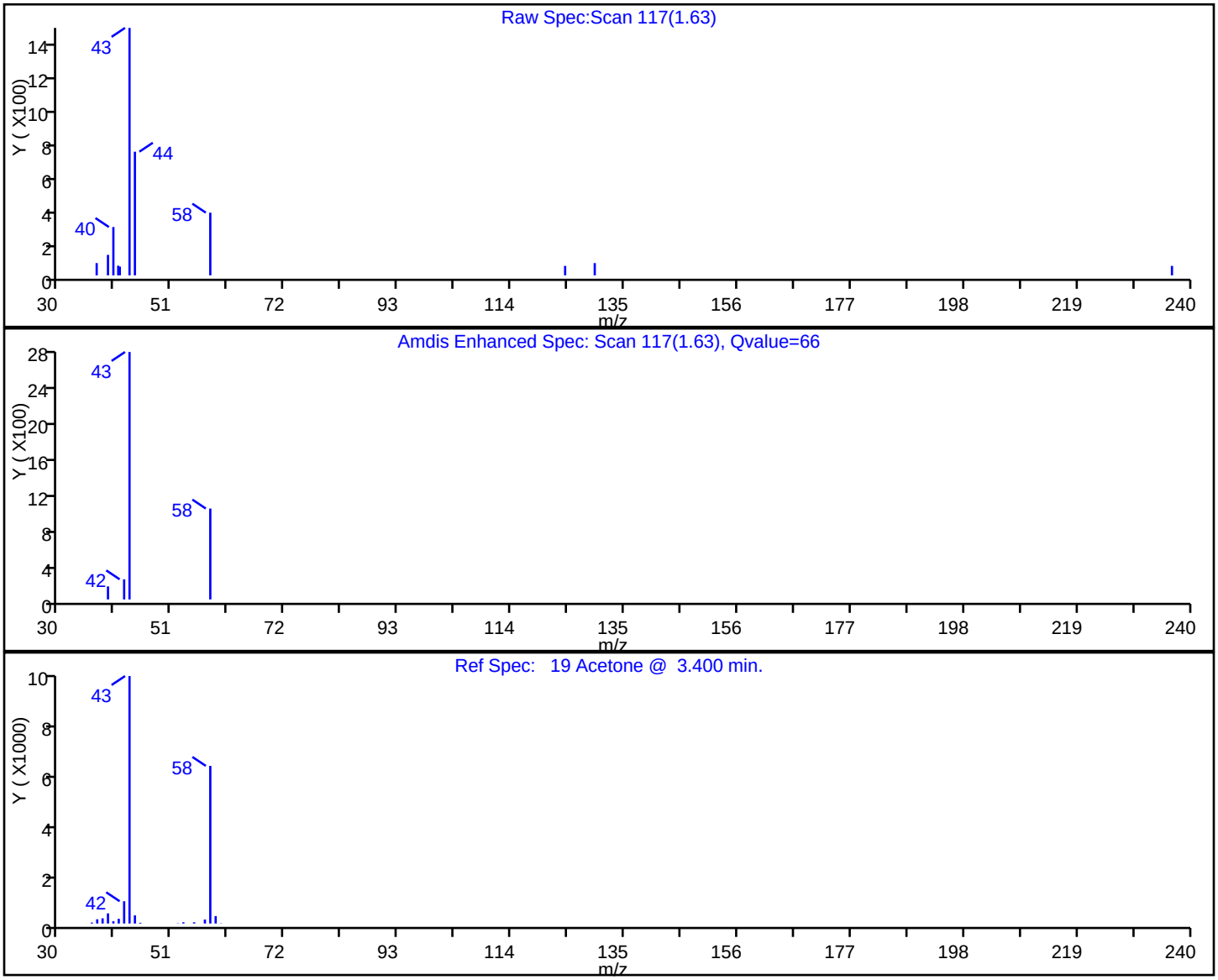
Y Scaling:



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77970.D		
Injection Date:	17-Sep-2013 18:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP3-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	9
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



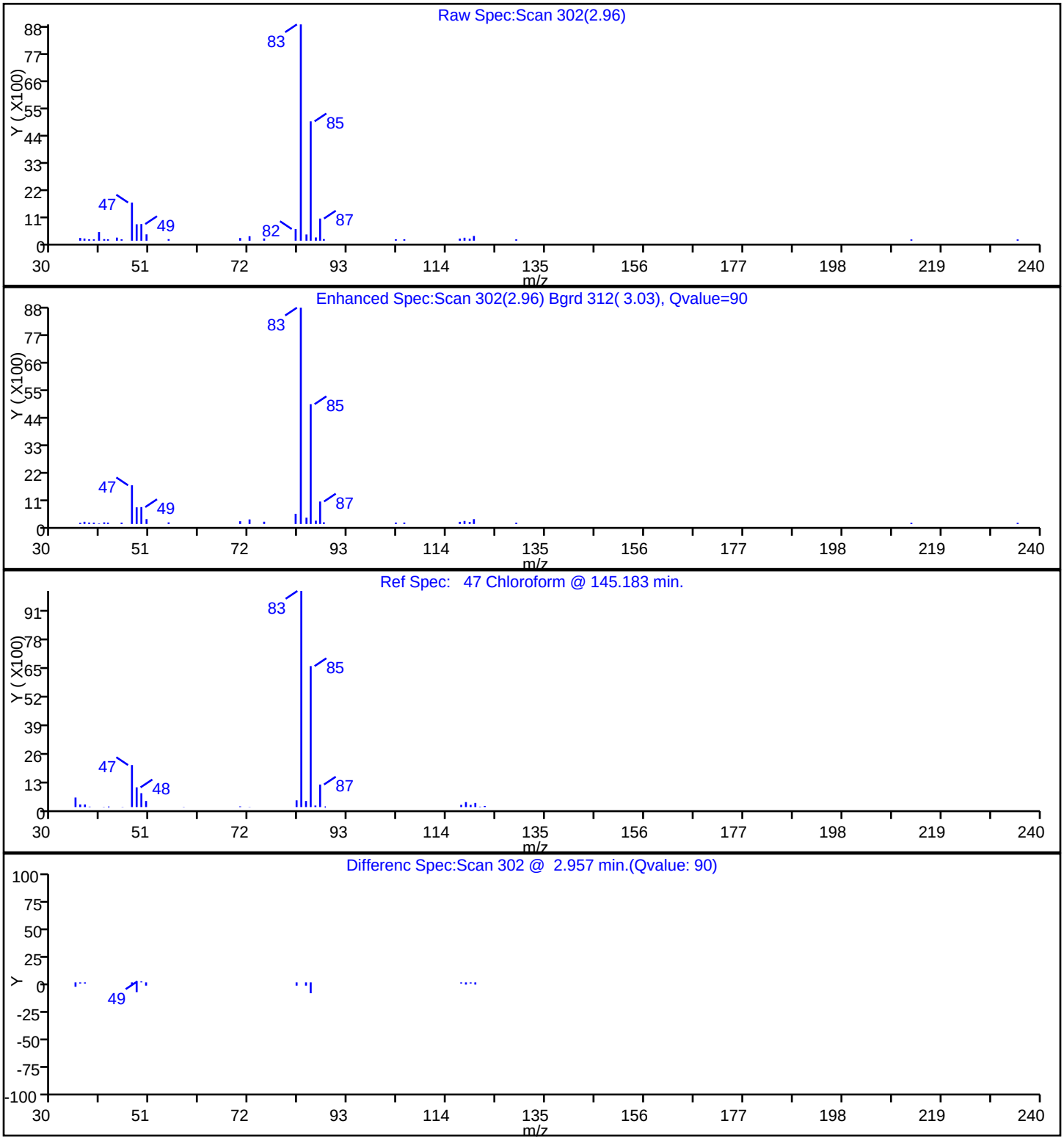
Report Date: 20-Sep-2013 15:35:48 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77970.D

Injection Date:	17-Sep-2013 18:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP3-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	9
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



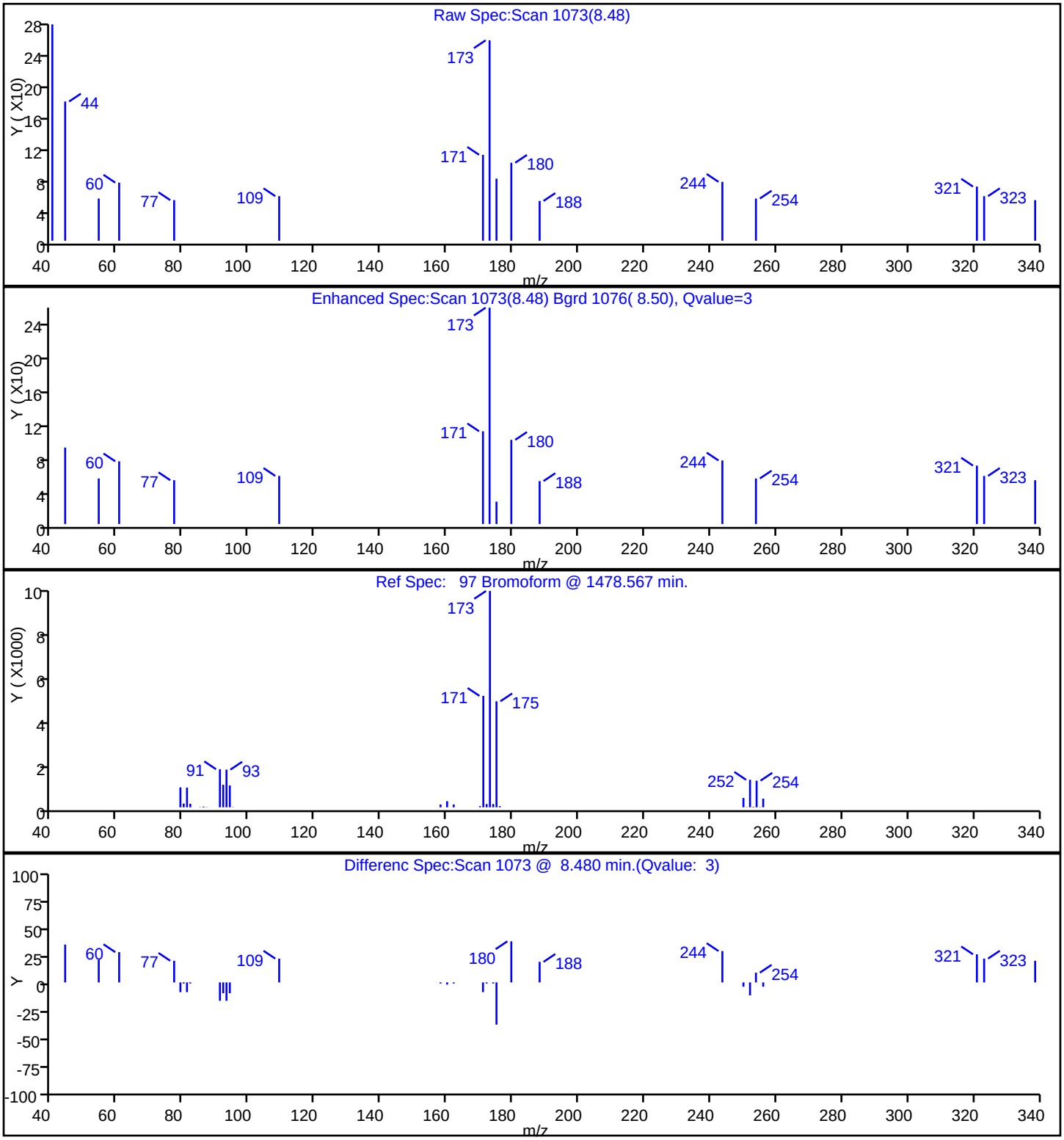
Report Date: 20-Sep-2013 15:35:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77970.D

Injection Date:	17-Sep-2013 18:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP3-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	9
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

97 Bromoform



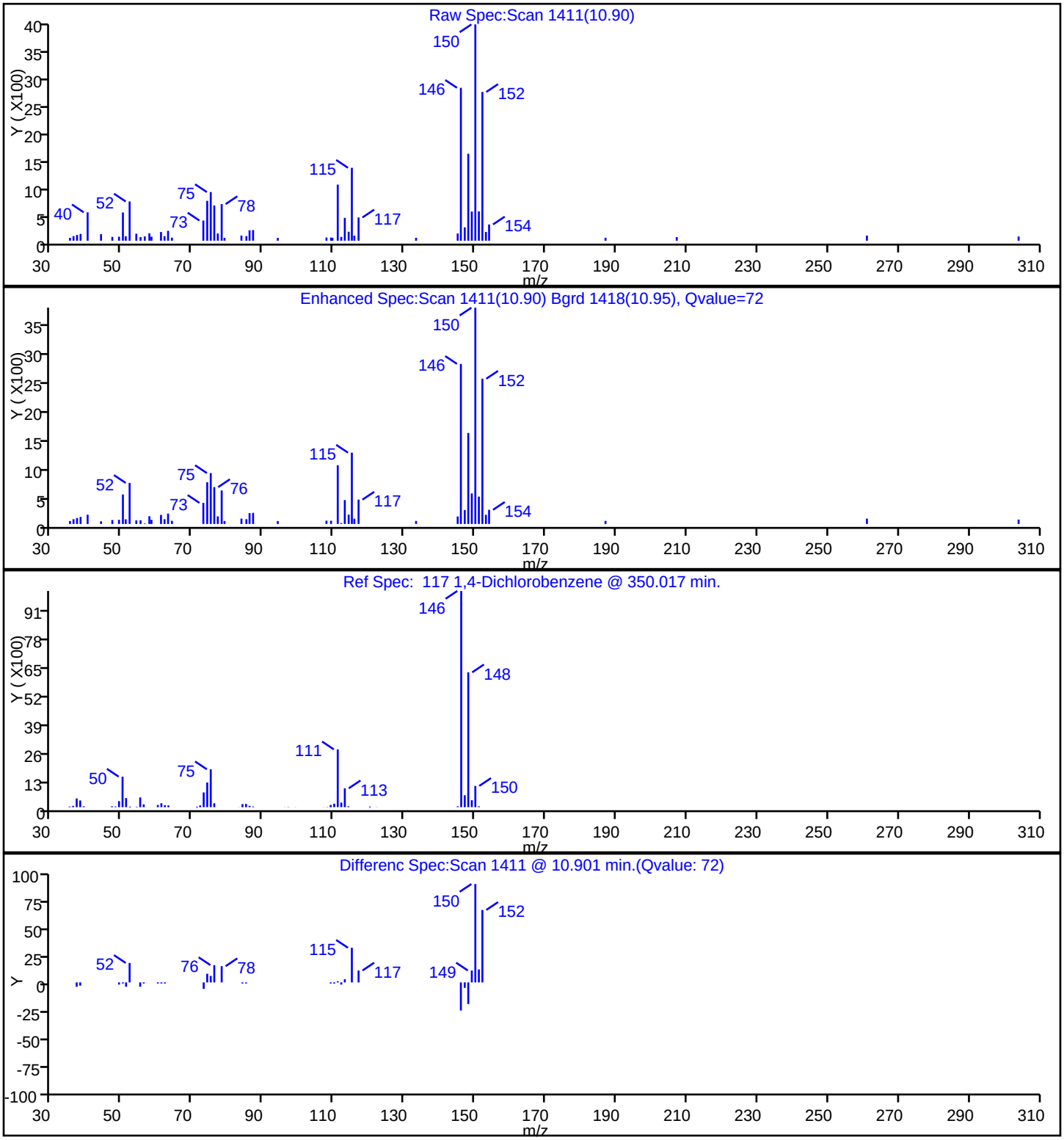
Report Date: 20-Sep-2013 15:35:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77970.D

Injection Date:	17-Sep-2013 18:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP3-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	9
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



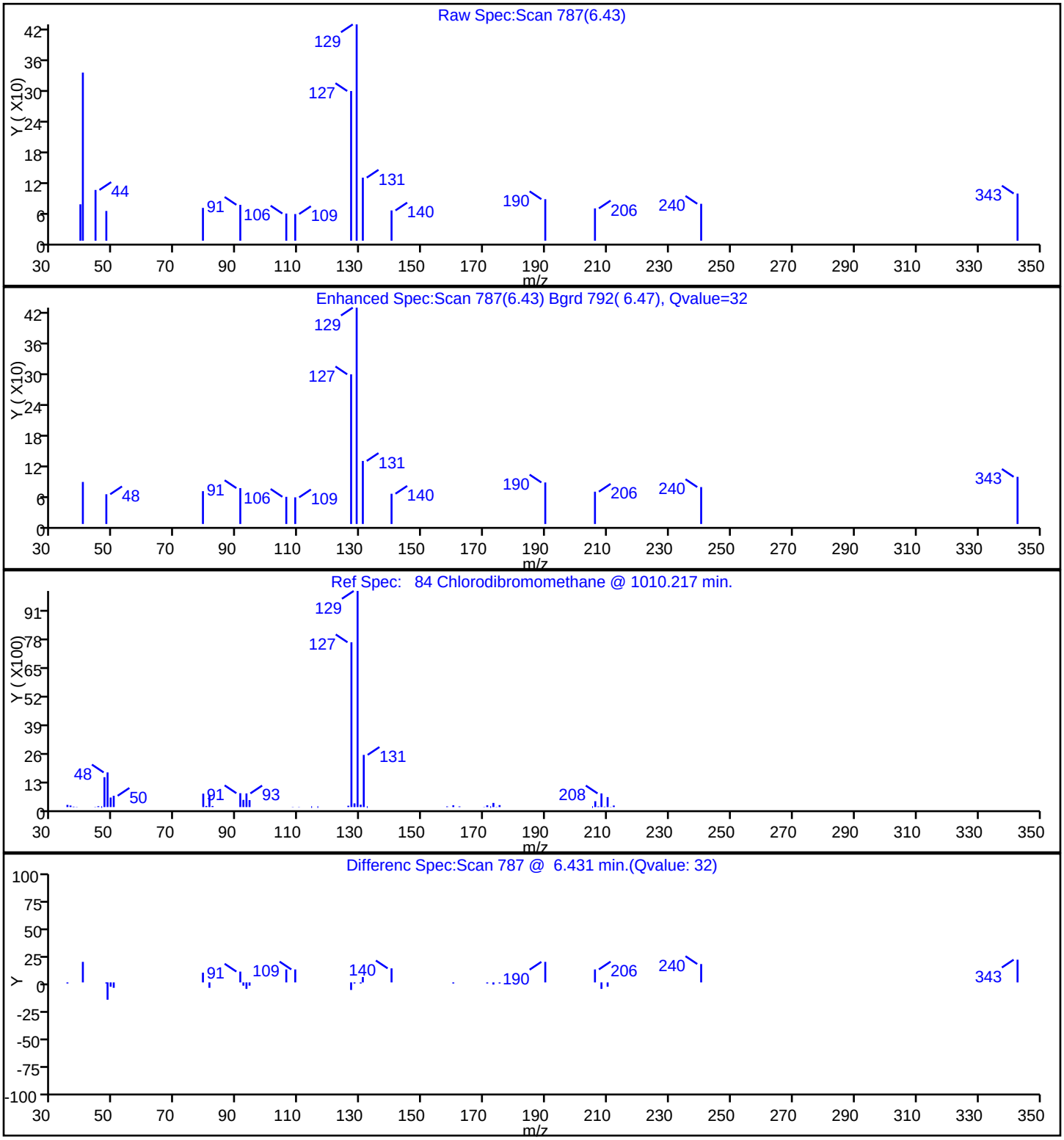
Report Date: 20-Sep-2013 15:35:48 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77970.D

Injection Date:	17-Sep-2013 18:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP3-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	9
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

84 Chlorodibromomethane



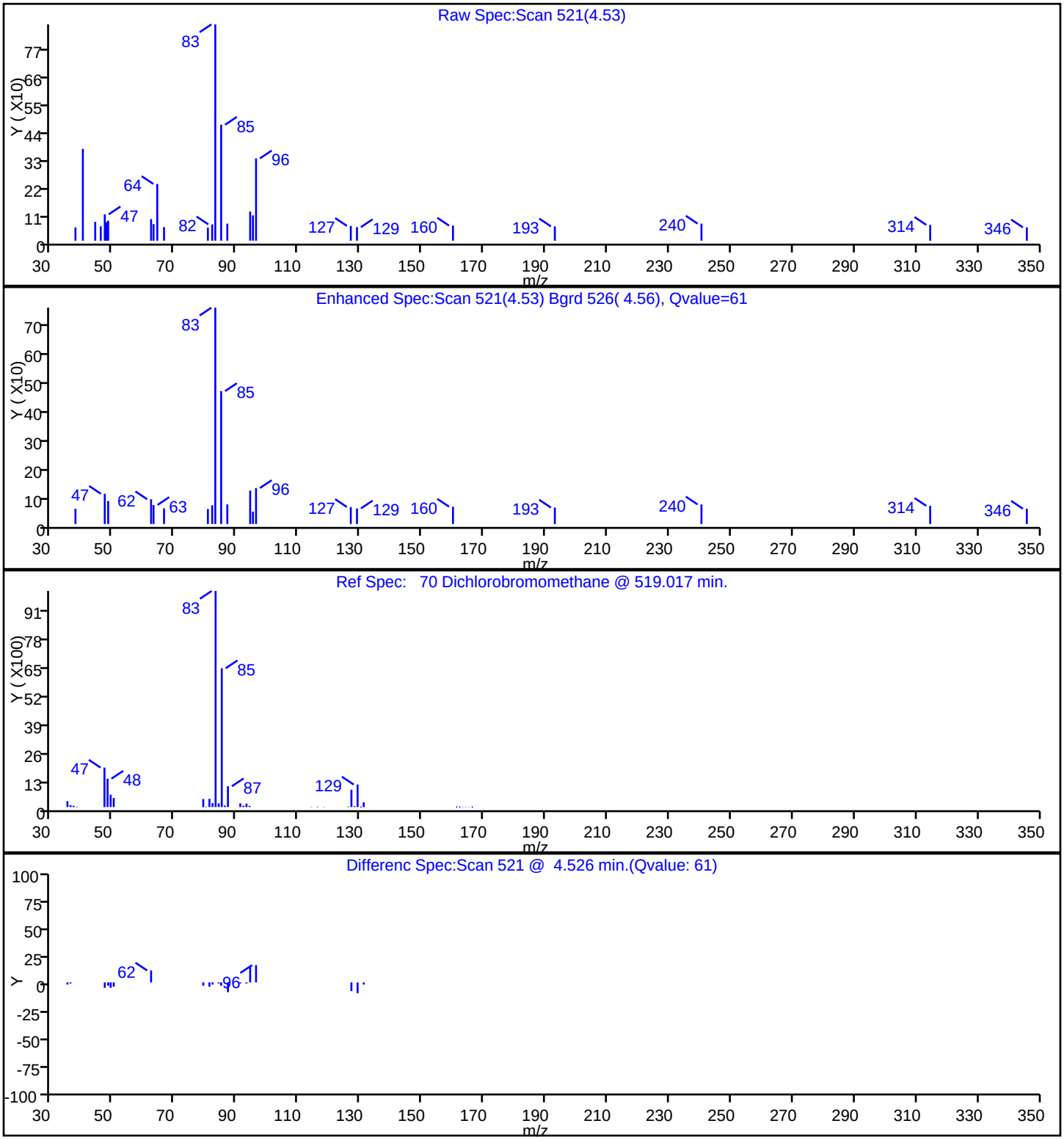
Report Date: 20-Sep-2013 15:35:48 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77970.D

Injection Date:	17-Sep-2013 18:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	DUP3-091313	Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	9
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

70 Dichlorobromomethane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: FB-091313 Lab Sample ID: 460-62993-44

Matrix: Water Lab File ID: J04344.D

Analysis Method: 8260B Date Collected: 09/13/2013 13:00

Sample wt/vol: 5(mL) Date Analyzed: 09/17/2013 17:55

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.: 181697 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.10	U	1.0	0.10
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
67-66-3	Chloroform	0.080	U	1.0	0.080
78-93-3	2-Butanone	2.3	U	5.0	2.3
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
75-25-2	Bromoform	0.19	U	1.0	0.19
100-42-5	Styrene	0.12	U	1.0	0.12
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
110-82-7	Cyclohexane	0.16	U	1.0	0.16
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
591-78-6	2-Hexanone	0.50	U	5.0	0.50
1634-04-4	MTBE	0.14	U	1.0	0.14
76-13-1	Freon TF	0.080	U	1.0	0.080
79-20-9	Methyl acetate	0.34	U	2.0	0.34
123-91-1	1,4-Dioxane	36	U	50	36
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24
108-10-1	4-Methyl-2-pentanone	0.99	U	5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: FB-091313 | Lab Sample ID: 460-62993-44

Matrix: Water | Lab File ID: J04344.D

Analysis Method: 8260B | Date Collected: 09/13/2013 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/17/2013 17:55

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.: 181697 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	0.51	U	1.0	0.51
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
1330-20-7	Xylenes, Total	0.13	U	3.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
124-48-1	Dibromochloromethane	0.20	U	1.0	0.20
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.27	U	1.0	0.27
75-27-4	Bromodichloromethane	0.12	U	1.0	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	104		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: FB-091313 Lab Sample ID: 460-62993-44

Matrix: Water Lab File ID: J04344.D

Analysis Method: 8260B Date Collected: 09/13/2013 13:00

Sample wt/vol: 5(mL) Date Analyzed: 09/17/2013 17:55

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.: 181697 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS8\20130917-4710.b\J04344.D		
Lims ID:	460-62993-C-44	Client ID:	FB-091313
Inject. Date:	17-Sep-2013 17:55:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62993-C-44		
Misc. Info.:	460-0004710-022		
Operator:		Instrument ID:	CVOAMS8
Purge Vol:	5.000 mL	ALS Bottle#:	21
Lims Batch ID:	181697	Lims Sample ID:	22
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS8\20130917-4710.b\8260_W8.m		
Last Update:	18-Sep-2013 09:27:04	Calib Date:	23-Aug-2013 16:56:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS8\20130823-3906.b\J03457.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK040		
First Level Reviewer: martineze		Date:	18-Sep-2013 09:27:04

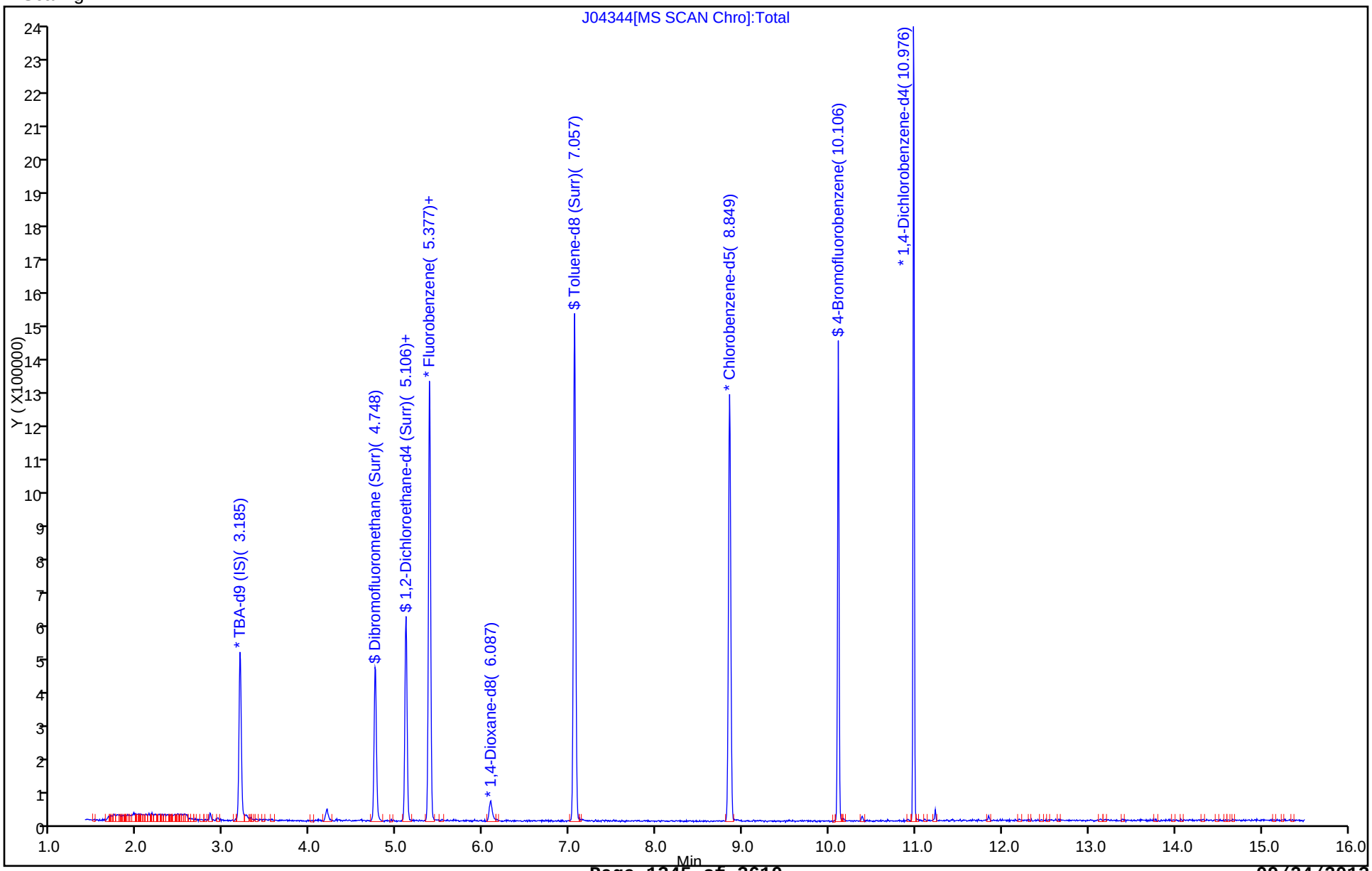
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.185	3.187	-0.002	66	400120	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	4.748	4.750	-0.002	93	260986	51.8	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.106	5.103	0.003	91	399467	51.7	
* 59 Fluorobenzene	96	5.377	5.379	-0.002	97	973967	50.0	
* 150 1,4-Dioxane-d8	96	6.082	6.078	0.004	61	41937	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.057	7.053	0.004	98	912997	46.5	
* 87 Chlorobenzene-d5	117	8.849	8.846	0.003	88	701760	50.0	
$ 99 4-Bromofluorobenzene	174	10.106	10.103	0.003	88	268424	49.4	
* 116 1,4-Dichlorobenzene-d4	152	10.976	10.978	-0.002	97	385633	50.0	

Report Date: 18-Sep-2013 09:27:04 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS8\20130917-4710.b\J04344.D		
Injection Date:	17-Sep-2013 17:55:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	FB-091313	Instrument ID:	CVOAMS8
Lims Batch ID:	181697	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 174731

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/06/2013 20:05 Calibration End Date: 08/06/2013 22:09 Calibration ID: 27291

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-174731/4	O76498.D
Level 2	STD2 460-174731/3	O76497.D
Level 3	ICIS 460-174731/5	O76499.D
Level 4	STD4 460-174731/6	O76500.D
Level 5	STD5 460-174731/7	O76501.D
Level 6	STD6 460-174731/8	O76502.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	+++++ 0.4554	0.5989	0.5128	0.4803	0.4599	Ave		0.5015				12.0		15.0			
Chloromethane	0.7635 0.4336	0.5583	0.4901	0.4488	0.4361	Lin2	0.3183	0.4540			0.1000				0.9970		0.9900
Vinyl chloride	0.7379 0.4743	0.6262	0.5450	0.5059	0.4937	Lin2	0.2385	0.5131							0.9940		0.9900
Butadiene	0.5631 0.4028	0.4984	0.4458	0.4302	0.4214	Ave		0.4603				13.0		15.0			
Bromomethane	0.5238 0.2785	0.3684	0.2902	0.2687	0.2653	Lin2	0.2524	0.2788							0.9940		0.9900
Chloroethane	0.3723 0.2551	0.3280	0.2754	0.2552	0.2493	Lin2	0.1157	0.2646			0.1000				0.9930		0.9900
Dichlorofluoromethane	0.9051 0.6556	0.7512	0.6951	0.6600	0.6534	Ave		0.7201				14.0		15.0			
Trichlorofluoromethane	1.0515 0.5853	0.7023	0.6180	0.5916	0.5886	Lin2	0.4645	0.5907							1.0000		0.9900
Ethanol	0.0740 0.0526	0.0771	0.0595	0.0587	0.0603	Ave		0.0637				15.0		15.0			
Ethyl ether	0.3000 0.2206	0.2088	0.2299	0.2266	0.2293	Ave		0.2359				14.0		15.0			
Isopropene	0.5999 0.5132	0.4633	0.5247	0.5316	0.5490	Ave		0.5303				8.4		15.0			
Acrolein	0.7402 0.7575	1.2519	0.8074	0.8510	0.7953	Ave		0.8672				22.0	*	15.0			
Freon TF	0.4284 0.3639	0.3624	0.3906	0.3751	0.3770	Ave		0.3829				6.4		15.0			
1,1-Dichloroethene	0.4368 0.3505	0.3603	0.3710	0.3526	0.3595	Ave		0.3718				8.8		15.0			
Acetone	0.1325 0.0560	0.0929	0.0624	0.0592	0.0589	Qua	0.3794	0.0599	0						1.0000		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 174731

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/06/2013 20:05 Calibration End Date: 08/06/2013 22:09 Calibration ID: 27291

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Iodomethane	0.6430 0.4815	0.5096	0.4991	0.5115	0.5283	Ave		0.5288				11.0		15.0			
Carbon disulfide	1.5357 1.1778	1.2897	1.2529	1.2109	1.2231	Ave		1.2817				10.0		15.0			
Isopropanol	0.6035 0.6169	0.7874	0.6964	0.6306	0.6792	Ave		0.6690				10.0		15.0			
Acetonitrile	0.0831 0.0825	0.0759	0.0686	0.0641	0.0884	Ave		0.0771				12.0		15.0			
Allyl chloride	0.2787 0.2528	0.2537	0.2536	0.2415	0.2520	Ave		0.2554				4.8		15.0			
Methyl acetate	0.2317 0.1466	0.1701	0.1740	0.1594	0.1539	Lin2	0.3779	0.1565							0.9970		0.9900
Cyclopentene	1.1236 0.9832	0.9672	1.0455	1.0113	1.0348	Ave		1.0276				5.4		15.0			
Methylene Chloride	0.7317 0.3451	0.4394	0.3967	0.3612	0.3598	Lin2	0.3742	0.3593							0.9990		0.9900
TBA	3.6030 1.0830	1.4527	1.1595	1.0579	1.1021	Lin2	25.512	1.0334							0.9970		0.9900
Acrylonitrile	0.1178 0.0783	0.0930	0.0945	0.0888	0.0868	Ave		0.0932				14.0		15.0			
trans-1,2-Dichloroethene	0.4250 0.3682	0.3736	0.3858	0.3804	0.3883	Ave		0.3869				5.2		15.0			
MTBE	0.7837 0.7534	0.6448	0.7485	0.7466	0.7687	Ave		0.7409				6.6		15.0			
Hexane	0.3681 0.3094	0.2719	0.3145	0.3148	0.3163	Ave		0.3158				9.7		15.0			
1,1-Dichloroethane	0.7792 0.6425	0.6399	0.6782	0.6393	0.6585	Ave		0.6730			0.1000	8.0		15.0			
Vinyl acetate	0.5856 0.5927	0.5727	0.5037	0.5121	0.6347	Ave		0.5669				8.9		15.0			
DIPE	0.9109 0.8022	0.9255	0.8401	0.8441	0.8438	Ave		0.8611				5.5		15.0			
2-Chloro-1,3-butadiene	0.3544 0.3565	0.3732	0.3464	0.3584	0.3745	Ave		0.3606				3.1		15.0			
Tert-butyl ethyl ether	0.9528 0.8831	0.8985	0.7949	0.8157	0.8649	Ave		0.8683				6.6		15.0			
2,2-Dichloropropane	0.6836 0.5004	0.4929	0.4995	0.4939	0.5049	Ave		0.5292				14.0		15.0			
cis-1,2-Dichloroethene	0.5107 0.3976	0.3998	0.4202	0.4025	0.4017	Ave		0.4221				10.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 174731

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/06/2013 20:05 Calibration End Date: 08/06/2013 22:09 Calibration ID: 27291

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-Butanone	1.7616 1.2322	1.4573	1.2840	1.2763	1.3215	Ave		1.3888				14.0		15.0			
Ethyl acetate	0.3112 0.2256	0.2761	0.2336	0.2367	0.2269	Ave		0.2517				14.0		15.0			
Propionitrile	1.8020 1.4329	1.8768	1.5857	1.5480	1.6000	Ave		1.6409				10.0		15.0			
Methyl acrylate	0.3402 0.2712	0.2670	0.2664	0.2594	0.2716	Ave		0.2793				11.0		15.0			
Bromochloromethane	0.2376 0.1712	0.1966	0.1855	0.1787	0.1770	Ave		0.1911				13.0		15.0			
Methacrylonitrile	0.1259 0.1050	0.1285	0.1064	0.1040	0.1090	Ave		0.1131				9.8		15.0			
Tetrahydrofuran	4.5097 3.2640	3.5425	3.7438	3.5630	3.6243	Ave		3.7079				11.0		15.0			
Chloroform	0.7206 0.5695	0.5555	0.6046	0.5682	0.5780	Ave		0.5994				10.0		15.0			
1,1,1-Trichloroethane	0.5273 0.5242	0.4707	0.5236	0.5128	0.5328	Ave		0.5152				4.4		15.0			
Cyclohexane	0.6811 0.6446	0.6000	0.6455	0.6588	0.6783	Ave		0.6514				4.5		15.0			
Carbon tetrachloride	0.4251 0.4568	0.3664	0.4431	0.4428	0.4735	Ave		0.4346				8.5		15.0			
1,1-Dichloropropene	0.4415 0.4830	0.4133	0.4665	0.4765	0.4959	Ave		0.4628				6.6		15.0			
Benzene	1.5495 1.4749	1.3969	1.5816	1.5508	1.5527	Ave		1.5177				4.5		15.0			
Isobutyl alcohol	0.2196 0.2277	0.1823	0.1724	0.1610	0.2577	Qua	-43.51	0.2777	0						0.9980		0.9900
1,2-Dichloroethane	0.4677 0.3622	0.3488	0.3612	0.3546	0.3688	Ave		0.3772				12.0		15.0			
Isopropyl acetate	0.6729 0.6125	0.5407	0.5652	0.5616	0.6022	Ave		0.5925				8.0		15.0			
Tert-amyl methyl ether	0.7917 0.8130	0.7957	0.7014	0.7157	0.7727	Ave		0.7650				6.0		15.0			
n-Heptane	1.7996 0.2722	0.5537	0.3841	0.3340	0.2918	Lin2	1.5101	0.2845							0.9940		0.9900
2,4,4-Trimethyl-1-pentene	1.0745 0.9388	0.9300	1.0373	1.0156	0.9753	Ave		0.9953				5.7		15.0			
Trichloroethene	0.4213 0.3716	0.3459	0.3672	0.3644	0.3767	Ave		0.3745				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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 174731

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/06/2013 20:05 Calibration End Date: 08/06/2013 22:09 Calibration ID: 27291

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-Butanol	0.4969 0.3387	0.4155	0.3276	0.3245	0.3573	Lin2	4.0265	0.3425							0.9940		0.9900
Ethyl acrylate	0.8777 0.7915	0.7810	0.7580	0.7535	0.7967	Ave		0.7931				5.7		15.0			
Methylcyclohexane	0.7115 0.7063	0.6238	0.7004	0.6946	0.7144	Ave		0.6918				4.9		15.0			
1,2-Dichloropropane	0.3883 0.3371	0.3102	0.3321	0.3234	0.3443	Ave		0.3393				7.9		15.0			
Dibromomethane	0.2442 0.1759	0.1865	0.1870	0.1824	0.1832	Ave		0.1932				13.0		15.0			
Methyl methacrylate	0.2445 0.1878	0.2053	0.1831	0.1789	0.1832	Ave		0.1971				13.0		15.0			
1,4-Dioxane	1.4405 1.1822	1.4284	1.4890	1.3483	1.3145	Ave		1.3671				8.1		15.0			
Propyl acetate	0.3846 0.3178	0.2745	0.2978	0.2952	0.3153	Ave		0.3142				12.0		15.0			
Bromodichloromethane	0.5229 0.4413	0.3818	0.4255	0.4259	0.4472	Ave		0.4407				11.0		15.0			
2-Nitropropane	0.0864 0.0584	0.0618	0.0501	0.0492	0.0569	Lin2	0.0659	0.0534							0.9930		0.9900
2-Chloroethyl vinyl ether	0.1247 0.0987	0.1282	0.0956	0.0949	0.0942	Ave		0.1060				15.0		15.0			
Epichlorohydrin	0.0316 0.0244	0.0261	0.0268	0.0259	0.0261	Ave		0.0268				9.3		15.0			
cis-1,3-Dichloropropene	0.5055 0.5563	0.4529	0.5375	0.5603	0.5774	Ave		0.5317				8.6		15.0			
4-Methyl-2-pentanone	0.2843 0.2065	0.2561	0.2183	0.2171	0.2161	Ave		0.2331				13.0		15.0			
Toluene	2.1283 1.5379	1.6527	1.7642	1.6869	1.6159	Ave		1.7310				12.0		15.0			
trans-1,3-Dichloropropene	0.4034 0.4874	0.3581	0.4604	0.4814	0.5040	Ave		0.4491				13.0		15.0			
Ethyl methacrylate	0.4128 0.3473	0.3091	0.3525	0.3503	0.3517	Ave		0.3540				9.4		15.0			
1,1,2-Trichloroethane	0.2597 0.2307	0.2045	0.2346	0.2390	0.2446	Ave		0.2355				7.8		15.0			
Tetrachloroethene	0.5077 0.4530	0.4616	0.5029	0.4898	0.4747	Ave		0.4816				4.6		15.0			
1,3-Dichloropropane	0.5137 0.4958	0.4482	0.5024	0.5120	0.5263	Ave		0.4997				5.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 174731

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/06/2013 20:05 Calibration End Date: 08/06/2013 22:09 Calibration ID: 27291

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Hexanone	0.2258 0.1568	0.2088	0.1664	0.1659	0.1670	Lin2	0.3127	0.1685							0.9920		0.9900
Dibromochloromethane	0.3010 0.3449	0.2898	0.3208	0.3354	0.3606	Ave		0.3254				8.3		15.0			
Butyl acetate	0.5819 0.3473	0.4331	0.3622	0.3617	0.3569	Lin2	0.2287	0.3585							0.9980		0.9900
1,2-Dibromoethane	0.2880 0.2844	0.2641	0.2861	0.2947	0.3012	Ave		0.2864				4.4		15.0			
Chlorobenzene	1.3171 1.0974	1.0569	1.1609	1.1264	1.1486	Ave		1.1512			0.3000	7.8		15.0			
1,1,1,2-Tetrachloroethane	0.3230 0.3809	0.3132	0.3618	0.3723	0.3998	Ave		0.3585				9.4		15.0			
Ethylbenzene	0.6848 0.6191	0.5862	0.6404	0.6308	0.6495	Ave		0.6351				5.2		15.0			
m&p-Xylene	0.8375 0.7500	0.7090	0.7511	0.7344	0.7646	Ave		0.7578				5.7		15.0			
o-Xylene	0.7582 0.7185	0.6630	0.7241	0.7098	0.7433	Ave		0.7195				4.6		15.0			
Styrene	1.3488 1.1988	1.1178	1.2551	1.2132	1.2620	Ave		1.2326				6.2		15.0			
Butyl acrylate	0.2992 0.2266	0.2211	0.2252	0.2255	0.2394	Ave		0.2395				12.0		15.0			
Bromoform	0.2664 0.2433	0.2161	0.2363	0.2358	0.2605	Ave		0.2431			0.1000	7.5		15.0			
Amly acetate	0.8977 0.7792	0.6184	0.7272	0.7323	0.7879	Ave		0.7571				12.0		15.0			
Isopropylbenzene	2.1145 1.9669	1.9259	2.0884	2.0436	2.1123	Ave		2.0419				3.9		15.0			
Camphene, Total	0.1919 0.1429	0.1432	0.1496	0.1525	0.1530	Ave		0.1555				12.0		15.0			
Monobromobenzene	0.8755 0.8473	0.7348	0.8479	0.8078	0.8563	Ave		0.8283				6.1		15.0			
1,1,2,2-Tetrachloroethane	0.7777 0.6425	0.6072	0.6714	0.6414	0.6742	Ave		0.6691			0.3000	8.8		15.0			
1,2,3-Trichloropropane	0.2259 0.1847	0.1638	0.1844	0.1814	0.1900	Ave		0.1883				11.0		15.0			
trans-1,4-Dichloro-2-butene	0.1839 0.1765	0.1542	0.1528	0.1555	0.1785	Ave		0.1669				8.5		15.0			
N-Propylbenzene	3.9709 4.1664	3.5094	4.0134	3.9473	4.2171	Ave		3.9707				6.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 174731

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/06/2013 20:05 Calibration End Date: 08/06/2013 22:09 Calibration ID: 27291

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-Chlorotoluene	2.4012 2.2454	2.0428	2.2554	2.1737	2.2720	Ave		2.2317				5.3		15.0			
p-Ethyltoluene	3.2486 3.4301	3.0335	3.3874	3.2964	3.4936	Ave		3.3149				4.9		15.0			
4-Chlorotoluene	2.5363 2.3393	2.0786	2.3757	2.2715	2.3811	Ave		2.3304				6.5		15.0			
1,3,5-Trimethylbenzene	2.7880 2.7876	2.5099	2.8776	2.7647	2.8963	Ave		2.7707				5.0		15.0			
Butyl Methacrylate	0.8397 0.8320	0.6577	0.7792	0.8056	0.8656	Ave		0.7966				9.3		15.0			
tert-Butylbenzene	2.4930 2.5871	2.2916	2.6297	2.5680	2.6649	Ave		2.5391				5.3		15.0			
1,2,4-Trimethylbenzene	3.0830 2.7935	2.6847	2.9215	2.8011	2.9083	Ave		2.8654				4.8		15.0			
sec-Butylbenzene	3.7960 3.8628	3.6161	4.0263	3.9218	4.0345	Ave		3.8763				4.1		15.0			
1,3-Dichlorobenzene	1.8715 1.6416	1.6565	1.7536	1.6948	1.7123	Ave		1.7217				4.9		15.0			
1,4-Dichlorobenzene	2.0201 1.6204	1.6378	1.7610	1.6811	1.6985	Ave		1.7365				8.5		15.0			
p-Isopropyltoluene	3.6223 3.3627	3.2482	3.5796	3.4725	3.5677	Ave		3.4755				4.2		15.0			
Benzyl chloride	1.2163 1.3064	1.2991	1.0893	1.1346	1.3107	Ave		1.2261				7.8		15.0			
Indan	3.0782 2.7695	2.7172	2.9778	2.8549	2.9257	Ave		2.8872				4.6		15.0			
1,2-Dichlorobenzene	1.9353 1.4920	1.5646	1.6706	1.5730	1.5847	Ave		1.6367				9.6		15.0			
1,4-Diethylbenzene	2.1536 2.0006	1.9935	2.1943	2.1301	2.1516	Ave		2.1039				4.1		15.0			
n-Butylbenzene	4.0089 3.4073	3.7645	3.9294	3.7906	3.7092	Ave		3.7683				5.5		15.0			
1,2-Dibromo-3-Chloropropane	0.3253 0.1333	0.1613	0.1426	0.1351	0.1392	Lin2	0.1915	0.1321							0.9980		0.9900
1,2,4,5-Tetramethylbenzene	3.2775 2.7810	2.9560	3.2945	3.2387	3.1729	Ave		3.1201				6.6		15.0			
1,3,5-Trichlorobenzene	1.6764 1.3778	1.8814	1.5772	1.5285	1.4630	Ave		1.5841				11.0		15.0			
Camphor	0.0938 0.0705	0.0602	0.0657	0.0692	0.0741	Qua	-0.691	0.0768	0						1.0000		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 174731

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/06/2013 20:05 Calibration End Date: 08/06/2013 22:09 Calibration ID: 27291

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								
1,2,4-Trichlorobenzene	1.7175 1.1737	1.3015	1.3958	1.3342	1.2795	Ave		1.3670				14.0		15.0			
Hexachlorobutadiene	1.0507 0.7123	0.7773	0.8437	0.8032	0.7739	Ave		0.8269				14.0		15.0			
Naphthalene	5.0685 2.3201	2.8157	2.6708	2.5778	2.5293	Lin2	2.6024	2.4432							0.9980		0.9900
1,2,3-Trichlorobenzene	1.4881 1.0661	1.1031	1.2033	1.1859	1.1550	Ave		1.2003				12.0		15.0			
Dibromofluoromethane (Surr)	0.2600 0.1910	0.2413	0.2355	0.2285	0.2277	Ave		0.2307				9.9		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2215 0.1714	0.2107	0.2101	0.2039	0.2041	Ave		0.2036				8.4		15.0			
Toluene-d8 (Surr)	1.0451 0.8009	1.0559	1.0754	1.0451	0.9835	Ave		1.0010				10.0		15.0			
Bromofluorobenzene	0.4190 0.3206	0.4016	0.4080	0.3992	0.4003	Ave		0.3915				9.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 174731

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/06/2013 20:05 Calibration End Date: 08/06/2013 22:09 Calibration ID: 27291

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-174731/4	O76498.D
Level 2	STD2 460-174731/3	O76497.D
Level 3	ICIS 460-174731/5	O76499.D
Level 4	STD4 460-174731/6	O76500.D
Level 5	STD5 460-174731/7	O76501.D
Level 6	STD6 460-174731/8	O76502.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	+++++ 3866543	39526	159464	394434	1555977	+++++ 500	5.00	20.0	50.0	200
Chloromethane	FB	Lin2	9584 3681611	36848	152412	368620	1475255	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Lin2	9263 4027055	41330	169494	415510	1670186	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	7068 3419975	32890	138650	353282	1425521	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Lin2	6575 2364531	24315	90244	220718	897592	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Lin2	4674 2165604	21645	85639	209618	843561	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	11362 5565808	49575	216174	542018	2210473	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Lin2	13199 4969215	46351	192192	485860	1991481	1.00 500	5.00	20.0	50.0	200
Ethanol	TBA	Ave	1398 572055	6981	22304	57827	244747	50.0 25000	250	1000	2500	10000
Ethyl ether	FB	Ave	3766 1872747	13783	71498	186069	775877	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	7531 4357103	30575	163174	436565	1857203	1.00 500	5.00	20.0	50.0	200
Acrolein	TBA	Ave	27976 197766	90664	90828	134184	161282	100 600	200	300	400	500
Freon TF	FB	Ave	5378 3089661	23916	121474	308106	1275286	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	5483 2975978	23776	115376	289564	1216411	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Qua	8316 2379046	30666	96981	243026	995753	5.00 2500	25.0	100	250	1000
Iodomethane	FB	Ave	8072 4088380	33632	155199	420059	1787304	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.: 460-62993-1 Analy Batch No.: 174731

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/06/2013 20:05 Calibration End Date: 08/06/2013 22:09 Calibration ID: 27291

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon disulfide	FB	Ave	19277 9999899	85116	389638	994537	4137910	1.00 500	5.00	20.0	50.0	200
Isopropanol	TBA	Ave	2281 1342296	14257	52234	124283	550919	10.0 5000	50.0	200	500	2000
Acetonitrile	FB	Ave	10429 7001697	50094	213476	526628	2989188	10.0 5000	50.0	200	500	2000
Allyl chloride	FB	Ave	3499 2145888	16745	78851	198303	852573	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Lin2	14544 6222082	56143	270531	654415	2602552	5.00 2500	25.0	100	250	1000
Cyclopentene	FB	Ave	14104 8347910	63829	325132	830616	3500751	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Lin2	9185 2930105	28997	123360	296625	1217286	1.00 500	5.00	20.0	50.0	200
TBA	TBA	Lin2	13618 2356295	26303	86961	208511	894019	10.0 5000	50.0	200	500	2000
Acrylonitrile	FB	Ave	14788 6646670	61396	293856	728934	2938055	10.0 5000	50.0	200	500	2000
trans-1,2-Dichloroethene	FB	Ave	5335 3126275	24654	119965	312447	1313848	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	9838 6396302	42556	232784	613154	2600525	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	4621 2626917	17942	97814	258570	1070120	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	9781 5455120	42233	210911	525086	2227894	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	14701 10064194	75595	313296	841194	4294586	2.00 1000	10.0	40.0	100	400
DIPE	FB	Ave	11434 6810538	61079	261243	693234	2854690	1.00 500	5.00	20.0	50.0	200
2-Chloro-1,3-butadiene	FB	Ave	4449 3026426	24628	107726	294320	1267004	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	11960 7498053	59299	247207	669926	2926001	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	8581 4248678	32531	155330	405664	1708162	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	6411 3375473	26384	130686	330568	1359013	1.00 500	5.00	20.0	50.0	200
2-Butanone	TBA	Ave	3329 1340450	13193	48149	125782	535967	5.00 2500	25.0	100	250	1000
Ethyl acetate	FB	Ave	7813 3831488	36449	145311	388830	1535360	2.00 1000	10.0	40.0	100	400

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 174731

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/06/2013 20:05 Calibration End Date: 08/06/2013 22:09 Calibration ID: 27291

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
Propionitrile	TBA	Ave	6811 3117668	33982	118928	305107	1297886	10.0 5000	50.0	200	500	2000
Methyl acrylate	FB	Ave	4271 2302610	17623	82835	213025	918933	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	2982 1453148	12978	57681	146761	598927	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	15799 8910505	84808	330799	853984	3686127	10.0 5000	50.0	200	500	2000
Tetrahydrofuran	TBA	Ave	3409 1420295	12828	56157	140455	587988	2.00 1000	10.0	40.0	100	400
Chloroform	FB	Ave	9046 4835281	36661	188030	466664	1955389	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	6619 4450534	31066	162836	421194	1802655	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	8550 5472499	39595	200755	541054	2294765	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	5336 3878067	24182	137810	363660	1602093	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	5542 4101131	27277	145059	391330	1677761	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	20208 12352067	91484	460408	1170160	5011817	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBA	Qua	2075 1238435	8253	32328	79321	522608	25.0 12500	125	500	1250	5000
1,2-Dichloroethane	FB	Ave	5871 3074934	23017	112322	291232	1247577	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	8447 5199862	35686	175754	461261	2037265	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	9938 6902542	52516	218111	587793	2614117	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Lin2	22590 2310880	36542	119448	274293	987161	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	Ave	26975 15940532	122759	645187	1668289	6599185	2.00 1000	10.0	40.0	100	400
Trichloroethene	FB	Ave	5289 3154683	22830	114185	299258	1274543	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBA	Lin2	4695 1842231	18806	61430	159889	724657	25.0 12500	125	500	1250	5000
Ethyl acrylate	FB	Ave	11017 6719554	51545	235741	618846	2695434	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	8931 5996874	41170	217815	570477	2417026	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.: 460-62993-1 Analy Batch No.: 174731

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/06/2013 20:05 Calibration End Date: 08/06/2013 22:09 Calibration ID: 27291

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-Dichloropropane	FB	Ave	4874 2862352	20475	103290	265620	1164865	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	3066 1493120	12307	58159	149820	619889	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	6138 3188158	27102	113902	293789	1239608	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	Ave	1164 634737	6080	25852	61586	275502	20.0 10000	100	400	1000	4000
Propyl acetate	FB	Ave	4828 2698007	18115	92601	242453	1066618	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	6564 3746461	25198	132312	349754	1512909	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Lin2	2169 992020	8153	31159	80796	385050	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	1565 837596	8458	29729	77958	318772	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	8253 4083511	34177	155901	390880	1687374	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	6593 4659197	29659	156459	422756	1863755	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	18541 8645050	83856	317797	819007	3487031	5.00 2500	25.0	100	250	1000
Toluene	CBZ	Ave	27757 12879198	108233	513583	1272881	5215637	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	5261 4082195	23452	134036	363272	1626929	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	CBZ	Ave	5384 2908320	20245	102625	264300	1135130	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3387 1931832	13391	68305	180325	789370	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	6621 3793738	30230	146407	369593	1532394	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	6700 4151737	29355	146245	386354	1698819	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Lin2	14726 6565129	68372	242259	625978	2695385	5.00 2500	25.0	100	250	1000
Dibromochloromethane	CBZ	Ave	3925 2888755	18976	93376	253051	1163823	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Lin2	7589 2908298	28363	105431	272915	1151939	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	3756 2381846	17298	83274	222354	972159	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.: 460-62993-1 Analy Batch No.: 174731

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/06/2013 20:05 Calibration End Date: 08/06/2013 22:09 Calibration ID: 27291

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
Chlorobenzene	CBZ	Ave	17177 9190643	69214	337935	849922	3707462	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	4212 3189902	20513	105332	280934	1290435	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	8931 5184645	38388	186410	475940	2096424	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	10923 6281071	46429	218642	554137	2467982	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	9888 6017517	43417	210800	535588	2399113	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	17591 10039528	73204	365358	915406	4073555	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	CBZ	Ave	3902 1897891	14481	65544	170149	772699	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	3474 2037905	14151	68782	177890	840988	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	Ave	7865 3648242	26437	131212	340442	1521305	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	27577 16472485	126124	607940	1541974	6818106	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	2503 1197052	9380	43561	115063	493741	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	7671 3967117	31415	152987	375534	1653438	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	6814 3008346	25959	121145	298144	1301797	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1979 864745	7001	33271	84325	366765	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1611 826227	6592	27563	72280	344565	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	34791 19507463	150040	724145	1834946	8142545	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	21038 10512834	87336	406945	1010491	4386863	1.00 500	5.00	20.0	50.0	200
p-Ethyltoluene	DCB	Ave	28463 16059975	129692	611207	1532367	6745540	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	22222 10952489	88868	428657	1055943	4597478	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	24427 13051600	107305	519210	1285220	5592342	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	7357 3895238	28117	140590	374488	1671366	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.: 460-62993-1 Analy Batch No.: 174731

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/06/2013 20:05 Calibration End Date: 08/06/2013 22:09 Calibration ID: 27291

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
tert-Butylbenzene	DCB	Ave	21843 12112921	97975	474494	1193781	5145499	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	27012 13079132	114782	527141	1302150	5615428	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	33259 18085924	154599	726487	1823098	7790070	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	16397 7686114	70823	316406	787850	3306198	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	17699 7586772	70021	317751	781466	3279511	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	31737 15744239	138872	645880	1614231	6888661	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	10657 6116486	55539	196552	527450	2530825	1.00 500	5.00	20.0	50.0	200
Indan	DCB	Ave	26970 12966962	116168	537301	1327134	5649033	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	16956 6985829	66894	301433	731237	3059824	1.00 500	5.00	20.0	50.0	200
1,4-Diethylbenzene	DCB	Ave	18869 9366688	85227	395929	990193	4154389	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	35124 15953235	160947	708991	1762131	7161798	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Lin2	2850 624250	6897	25733	62820	268787	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCB	Ave	28716 13020817	126379	594439	1505553	6126311	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCB	Ave	14688 6451078	80436	284580	710557	2824811	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Qua	4111 1651176	12860	59279	160925	715646	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	15048 5495202	55644	251857	620210	2470487	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	9206 3335010	33232	152230	373365	1494348	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Lin2	44408 10862820	120382	481909	1198309	4883595	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	13038 4991628	47161	217109	551298	2230135	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	163185 162170	159281	183058	187661	192565	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	139031 145486	139073	163381	167480	172651	50.0 50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 174731

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/06/2013 20:05 Calibration End Date: 08/06/2013 22:09 Calibration ID: 27291

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
Toluene-d8 (Surr)	CBZ	Ave	681496 670699	691491	782621	788608	793647	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	CBZ	Ave	273221 268523	263019	296896	301241	322993	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181873

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2013 21:05 Calibration End Date: 09/18/2013 04:57 Calibration ID: 29819

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-181873/19	B60605.D
Level 2	STD2 460-181873/10	B60596.D
Level 3	ICIS 460-181873/3	B60589.D
Level 4	STD4 460-181873/11	B60597.D
Level 5	STD5 460-181873/12	B60598.D
Level 6	STD6 460-181873/13	B60599.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								
Chlorotrifluoroethene	0.0602 0.0864	0.1141	0.0706	0.0754	0.0765	Qua	0.1038	0.0693	0						1.0000		0.9900
Dichlorodifluoromethane	0.4003 0.4625	0.4378	0.3973	0.4057	0.4570	Ave		0.4268				6.9		15.0			
Chloromethane	0.6192 0.5257	0.5153	0.4884	0.4383	0.5214	Ave		0.5180			0.1000	11.0		15.0			
Vinyl chloride	0.4957 0.3332	0.4126	0.3141	0.3036	0.3324	Lin2	0.1762	0.3278							0.9920		0.9900
Butadiene	0.3226 0.2367	0.2169	0.2198	0.2017	0.2387	Lin2	0.0998	0.2181							0.9930		0.9900
Bromomethane	0.3067 0.2040	0.2461	0.2102	0.1893	0.2113	Lin2	0.1046	0.2057							0.9960		0.9900
Chloroethane	0.1665 0.1289	0.1564	0.1108	0.1045	0.1312	Qua	-0.321	0.1318	0		0.1000				1.0000		0.9900
Trichlorofluoromethane	0.4246 0.3226	0.3210	0.3908	0.3062	0.3182	Ave		0.3472				14.0		15.0			
Dichlorofluoromethane	0.5004 0.4553	0.4540	0.4168	0.4057	0.4471	Ave		0.4465				7.5		15.0			
Ethyl ether	0.2830 0.1745	0.2034	0.1737	0.1672	0.1735	Lin2	0.1125	0.1719							0.9990		0.9900
Ethanol	0.0796 0.0639	0.0580	0.0649	0.0672	0.0765	Ave		0.0684				12.0		15.0			
1,2-Dichlorotrifluoroethane	0.4659 0.6134	0.3887	0.4251	0.4053	0.6067	Qua	-3.139	0.6028	0						0.9990		0.9900
Isopropene	0.4659 0.6134	0.3887	0.3909	0.4053	0.6067	Qua	-3.325	0.6039	0						0.9990		0.9900
Acrolein	1.1211 0.8645	0.7592	0.8192	0.6790	0.7560	Lin2	1.4303	0.7515							0.9900		0.9900
Freon TF	0.2537 0.2352	0.1352	0.1161	0.1596	0.2259	Qua	-1.248	0.2215	0						0.9990		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181873

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2013 21:05 Calibration End Date: 09/18/2013 04:57 Calibration ID: 29819

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-Dichloroethene	0.1753 0.1807	0.1457	0.1548	0.1683	0.1701	Ave		0.1658				7.9		15.0			
Acetone	0.1536 0.1569	0.1382	0.1396	0.1338	0.1392	Ave		0.1435				6.5		15.0			
Iodomethane	0.4613 0.4194	0.4113	0.3674	0.4044	0.4360	Ave		0.4166				7.6		15.0			
Carbon disulfide	0.7735 0.7188	0.5790	0.5409	0.6140	0.7057	Ave		0.6553				14.0		15.0			
Isopropanol	0.8351 0.7573	0.7366	0.6762	0.7473	0.8997	Ave		0.7754				10.0		15.0			
Allyl chloride	0.1988 0.3868	0.1912	0.2229	0.3031	0.2742	Qua	0.8393	0.2026	0.0004						1.0000		0.9900
Cyclopentene	0.5118 0.6414	0.4619	0.4432	0.5802	0.5059	Ave		0.5241				14.0		15.0			
Methyl acetate	0.3290 0.3058	0.3041	0.2779	0.2983	0.3166	Ave		0.3053				5.7		15.0			
Acetonitrile	0.0909 0.0379	0.0608	0.0619	0.0561	0.0458	Qua	1.4867	0.0507	0						1.0000		0.9900
Methylene Chloride	0.2519 0.2613	0.2581	0.2270	0.2451	0.2653	Ave		0.2514				5.5		15.0			
TBA	2.0625 1.2925	1.3267	1.2788	1.3675	1.4648	Lin2	7.2311	1.3116							0.9940		0.9900
MTBE	0.5486 0.4323	0.4779	0.4481	0.4480	0.4528	Ave		0.4679				9.0		15.0			
trans-1,2-Dichloroethene	0.2149 0.2057	0.1907	0.2101	0.2149	0.2354	Ave		0.2120				6.9		15.0			
Acrylonitrile	0.1323 0.1398	0.1289	0.1182	0.1261	0.1403	Ave		0.1309				6.5		15.0			
Hexane	0.2225 0.1789	0.1698	0.1427	0.1951	0.1900	Ave		0.1832				15.0		15.0			
DIPE	0.8714 0.8087	0.8415	0.8082	0.8511	0.8635	Ave		0.8407				3.2		15.0			
1,1-Dichloroethane	0.5502 0.5352	0.4804	0.4687	0.4816	0.5229	Ave		0.5065			0.1000	6.7		15.0			
Vinyl acetate	0.8914 0.7974	0.7871	0.7823	0.7685	0.8609	Ave		0.8146				6.1		15.0			
2-Chloro-1,3-butadiene	0.2245 0.1949	0.1876	0.1890	0.2058	0.2160	Ave		0.2030				7.4		15.0			
Allyl alcohol	0.1465 0.1987	0.1468	0.1590	0.1123	0.2143	Qua	-37.28	0.2233	0						0.9970		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181873

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2013 21:05 Calibration End Date: 09/18/2013 04:57 Calibration ID: 29819

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								
Tert-butyl ethyl ether	0.5309 0.4356	0.5028	0.4983	0.5031	0.4920	Ave		0.4938				6.4		15.0			
2,2-Dichloropropane	0.3574 0.2608	0.2457	0.2569	0.2541	0.2670	Ave		0.2736				15.0		15.0			
cis-1,2-Dichloroethene	0.3088 0.2812	0.2546	0.2512	0.2615	0.2790	Ave		0.2727				7.9		15.0			
2-Butanone	1.4851 1.1953	1.4161	1.2619	1.3577	1.4543	Ave		1.3617				8.3		15.0			
Ethyl acetate	0.0276 0.0304	0.0293	0.0254	0.0286	0.0309	Ave		0.0287				7.0		15.0			
Methyl acrylate	0.3240 0.3462	0.2915	0.2866	0.3170	0.3534	Ave		0.3198				8.6		15.0			
Propionitrile	2.1121 1.5898	1.9466	1.7788	1.8360	1.9692	Ave		1.8721				9.6		15.0			
Tetrahydrofuran	8.0436 5.0556	6.1846	5.5952	5.9231	6.3438	Lin2	4.7065	5.6901							0.9940		0.9900
Bromochloromethane	0.1814 0.1612	0.1534	0.1465	0.1524	0.1617	Ave		0.1594				7.7		15.0			
Methacrylonitrile	0.1280 0.1300	0.1313	0.1252	0.1331	0.1404	Ave		0.1313				4.0		15.0			
Chloroform	0.5965 0.5121	0.5435	0.5094	0.5251	0.5521	Ave		0.5398				6.0		15.0			
Cyclohexane	0.3270 0.2854	0.2313	0.2343	0.2791	0.2730	Ave		0.2717				13.0		15.0			
1,1,1-Trichloroethane	0.4052 0.3616	0.3262	0.3162	0.3477	0.3694	Ave		0.3544				9.1		15.0			
Carbon tetrachloride	0.3556 0.3643	0.2997	0.2917	0.3284	0.3500	Ave		0.3316				9.1		15.0			
1,1-Dichloropropene	0.4034 0.4008	0.3560	0.3385	0.3774	0.4015	Ave		0.3796				7.2		15.0			
Benzene	1.3959 1.1957	1.2356	1.1332	1.1986	1.2608	Ave		1.2366				7.2		15.0			
Isobutyl alcohol	0.5939 0.6327	0.6059	0.5663	0.6364	0.7383	Ave		0.6289				9.5		15.0			
Tert-amyl methyl ether	0.5671 0.4323	0.5301	0.5176	0.5221	0.4988	Ave		0.5113				8.8		15.0			
1,2-Dichloroethane	0.6429 0.5637	0.5623	0.5044	0.5338	0.5736	Ave		0.5635				8.2		15.0			
Isopropyl acetate	0.8746 1.0491	0.9617	0.9138	1.0079	1.0947	Ave		0.9836				8.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181873

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2013 21:05 Calibration End Date: 09/18/2013 04:57 Calibration ID: 29819

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-Heptane	0.1723 0.1053	0.0939	0.0835	0.1105	0.1104	Qua	-0.196	0.1147	0						1.0000		0.9900
2,4,4-Trimethyl-1-pentene	0.2196 0.1249	0.1463	0.1497	0.1637	0.1448	Lin2	0.1519	0.1420							0.9910		0.9900
Trichloroethene	0.3672 0.3352	0.3103	0.2745	0.3091	0.3316	Ave		0.3213				9.7		15.0			
n-Butanol	0.4127 0.3565	0.3424	0.3071	0.3463	0.4196	Ave		0.3641				12.0		15.0			
Methylcyclohexane	0.2585 0.2005	0.2033	0.1817	0.2440	0.2252	Ave		0.2189				13.0		15.0			
Ethyl acrylate	0.4202 0.5666	0.4289	0.4214	0.4683	0.5665	Ave		0.4787				15.0		15.0			
1,2-Dichloropropane	0.3869 0.3352	0.3074	0.2888	0.3129	0.3359	Ave		0.3279				10.0		15.0			
Dibromomethane	0.2789 0.2436	0.2341	0.2135	0.2305	0.2478	Ave		0.2414				9.1		15.0			
1,4-Dioxane	1.3426 0.9977	1.4232	1.2232	1.1986	1.2155	Ave		1.2335				12.0		15.0			
Methyl methacrylate	0.0796 0.0854	0.0743	0.0712	0.0792	0.0877	Ave		0.0796				7.9		15.0			
Propyl acetate	0.4950 0.6862	0.5735	0.5502	0.6090	0.6875	Ave		0.6002				13.0		15.0			
Bromodichloromethane	0.4478 0.5156	0.4048	0.3850	0.4339	0.4986	Ave		0.4476				11.0		15.0			
2-Nitropropane	0.1129 0.1468	0.0966	0.0899	0.1113	0.1393	Qua	-1.061	0.1353	0						1.0000		0.9900
2-Chloroethyl vinyl ether	0.1806 0.2545	0.1956	0.2028	0.2298	0.2592	Ave		0.2204				15.0		15.0			
Epichlorohydrin	0.0414 0.0509	0.0428	0.0429	0.0484	0.0529	Ave		0.0465				10.0		15.0			
cis-1,3-Dichloropropene	0.5090 0.6356	0.5180	0.5235	0.5872	0.6450	Ave		0.5697				11.0		15.0			
4-Methyl-2-pentanone	0.4832 0.5636	0.5144	0.4927	0.5420	0.5907	Ave		0.5311				7.9		15.0			
Toluene	1.6768 1.3629	1.3254	1.2251	1.3327	1.4001	Ave		1.3872				11.0		15.0			
trans-1,3-Dichloropropene	0.4490 0.6173	0.4402	0.4616	0.5275	0.6096	Qua	-1.800	0.6085	0						1.0000		0.9900
Ethyl methacrylate	0.4145 0.5735	0.4364	0.4428	0.5164	0.5765	Ave		0.4934				15.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181873

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2013 21:05 Calibration End Date: 09/18/2013 04:57 Calibration ID: 29819

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	0.3112 0.3128	0.3132	0.2843	0.3069	0.3237	Ave		0.3087				4.3		15.0			
Tetrachloroethene	0.4512 0.3699	0.3343	0.3110	0.3604	0.3771	Ave		0.3673				13.0		15.0			
1,3-Dichloropropane	0.6227 0.6206	0.6092	0.5603	0.6084	0.6418	Ave		0.6105				4.5		15.0			
2-Hexanone	0.2937 0.4302	0.3380	0.3484	0.4012	0.4439	Lin2	-0.585	0.4008							0.9910		0.9900
Butyl acetate	0.0646 0.0974	0.0884	0.0832	0.0879	0.1000	Ave		0.0869				15.0		15.0			
Dibromochloromethane	0.3668 0.4625	0.3444	0.3416	0.4100	0.4655	Ave		0.3985				14.0		15.0			
1,2-Dibromoethane	0.4000 0.4083	0.3699	0.3478	0.3805	0.4195	Ave		0.3877				6.9		15.0			
Chlorobenzene	1.0984 0.9667	0.9698	0.8736	0.9445	0.9993	Ave		0.9754			0.3000	7.5		15.0			
Ethylbenzene	0.5231 0.4743	0.4536	0.4260	0.4704	0.4961	Ave		0.4739				7.1		15.0			
1,1,1,2-Tetrachloroethane	0.3761 0.3804	0.3231	0.3177	0.3579	0.3935	Ave		0.3581				8.8		15.0			
m&p-Xylene	0.6155 0.5941	0.5521	0.5259	0.5791	0.6131	Ave		0.5800				6.1		15.0			
Butyl acrylate	0.2416 0.3485	0.2510	0.2746	0.3173	0.3642	Qua	-1.276	0.3778	0						1.0000		0.9900
o-Xylene	0.5651 0.5704	0.5447	0.5378	0.5891	0.6125	Ave		0.5699				4.9		15.0			
Styrene	0.8953 1.0622	0.9289	0.9406	1.0485	1.1166	Ave		0.9987				8.9		15.0			
Amly acetate	1.1484 1.9919	1.4712	1.4727	1.6626	1.9794	Qua	-6.591	1.9835	0						1.0000		0.9900
Bromoform	0.2789 0.3567	0.2494	0.2486	0.3019	0.3546	Qua	-1.227	0.3561	0		0.1000				1.0000		0.9900
Isopropylbenzene	1.5107 1.5137	1.3645	1.3338	1.5267	1.6010	Ave		1.4751				7.0		15.0			
Camphene, Total	0.1702 0.0942	0.1038	0.1170	0.1250	0.1230	Qua	-0.290	0.1428	0						1.0000		0.9900
Monobromobenzene	0.8843 0.8304	0.7706	0.7088	0.7784	0.8330	Ave		0.8009				7.7		15.0			
1,1,2,2-Tetrachloroethane	0.9392 0.9295	0.8412	0.8127	0.8789	0.9620	Ave		0.8939			0.3000	6.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181873

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2013 21:05 Calibration End Date: 09/18/2013 04:57 Calibration ID: 29819

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	3.2611 3.1779	2.8629	2.7346	3.1566	3.3379	Ave		3.0885				7.7		15.0			
1,2,3-Trichloropropane	0.2593 0.2753	0.2786	0.2478	0.2672	0.2855	Ave		0.2690				5.1		15.0			
trans-1,4-Dichloro-2-butene	0.2910 0.3526	0.2561	0.2551	0.2886	0.3399	Ave		0.2972				14.0		15.0			
2-Chlorotoluene	2.5005 2.3431	2.1884	2.1094	2.2716	2.4349	Ave		2.3080				6.4		15.0			
p-Ethyltoluene	2.6833 2.4744	2.5047	2.4018	2.5350	2.7322	Ave		2.5552				5.0		15.0			
1,3,5-Trimethylbenzene	2.1886 2.2563	2.0259	1.9351	2.1916	2.3418	Ave		2.1566				7.0		15.0			
4-Chlorotoluene	2.3427 2.2357	2.0840	1.9771	2.1640	2.3232	Ave		2.1878				6.5		15.0			
Butyl Methacrylate	0.5607 0.9482	0.6935	0.7389	0.8506	0.9705	Qua	-3.123	0.9932	0						1.0000		0.9900
tert-Butylbenzene	1.8342 1.7711	1.6089	1.4680	1.7240	1.8415	Ave		1.7080				8.5		15.0			
1,2,4-Trimethylbenzene	2.4098 2.3714	2.1832	2.1455	2.3193	2.4423	Ave		2.3119				5.3		15.0			
sec-Butylbenzene	2.4180 2.3891	2.1285	2.0212	2.3903	2.5301	Ave		2.3129				8.4		15.0			
p-Isopropyltoluene	2.0880 2.0581	1.8279	1.7788	2.1040	2.2046	Ave		2.0102				8.4		15.0			
1,3-Dichlorobenzene	1.4800 1.3445	1.3093	1.2326	1.3280	1.3974	Ave		1.3486				6.2		15.0			
1,4-Dichlorobenzene	1.8054 1.4013	1.4117	1.2986	1.3785	1.4345	Ave		1.4550				12.0		15.0			
Benzyl chloride	1.0773 1.6231	1.0151	1.1246	1.2944	1.5932	Qua	-6.071	1.5850	0.0001						1.0000		0.9900
Indan	2.3758 2.3879	2.4014	2.2580	2.4021	2.5967	Ave		2.4037				4.5		15.0			
1,4-Diethylbenzene	1.4004 1.1348	1.1501	1.1222	1.1954	1.2787	Ave		1.2136				8.9		15.0			
n-Butylbenzene	2.7022 2.1695	2.0695	1.9826	2.2591	2.3454	Ave		2.2547				11.0		15.0			
1,2-Dichlorobenzene	1.6156 1.3882	1.3641	1.2701	1.3526	1.4282	Ave		1.4031				8.3		15.0			
1,2,4,5-Tetramethylbenzene	1.9876 1.9881	1.7636	1.8408	1.9753	2.1828	Ave		1.9563				7.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181873

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2013 21:05 Calibration End Date: 09/18/2013 04:57 Calibration ID: 29819

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-Dibromo-3-Chloropropane	0.1295 0.1944	0.1291	0.1319	0.1501	0.1823	Qua	-0.556	0.1752	0						1.0000		0.9900
1,3,5-Trichlorobenzene	1.1468 0.8124	0.8334	0.8025	0.8393	0.8972	Ave		0.8886				15.0		15.0			
Camphor	0.0627 0.1138	0.0671	0.0773	0.0800	0.1034	Qua	-1.654	0.0969	0						1.0000		0.9900
1,2,4-Trichlorobenzene	0.9038 0.7203	0.6863	0.6850	0.6978	0.7563	Ave		0.7416				11.0		15.0			
Hexachlorobutadiene	0.5775 0.2808	0.2532	0.2597	0.2823	0.3049	Qua	-0.658	0.3215	0						1.0000		0.9900
Naphthalene	1.6907 1.8538	1.4625	1.6553	1.5747	1.8228	Ave		1.6766				8.8		15.0			
1,2,3-Trichlorobenzene	0.6212 0.5401	0.4723	0.5336	0.4697	0.5371	Ave		0.5290				11.0		15.0			
Dibromofluoromethane (Surr)	0.3271 0.3063	0.2997	0.3095	0.3026	0.3283	Ave		0.3123				4.0		15.0			
1,2-Dichloroethane-d4 (Surr)	0.4887 0.4626	0.4424	0.4554	0.4496	0.4821	Ave		0.4635				4.0		15.0			
Toluene-d8 (Surr)	1.3141 1.2285	1.2040	1.2285	1.2189	1.2987	Ave		1.2488				3.7		15.0			
Bromofluorobenzene	0.4933 0.4955	0.4724	0.4839	0.4869	0.5182	Ave		0.4917				3.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181873

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2013 21:05 Calibration End Date: 09/18/2013 04:57 Calibration ID: 29819

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-181873/19	B60605.D
Level 2	STD2 460-181873/10	B60596.D
Level 3	ICIS 460-181873/3	B60589.D
Level 4	STD4 460-181873/11	B60597.D
Level 5	STD5 460-181873/12	B60598.D
Level 6	STD6 460-181873/13	B60599.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
Chlorotrifluoroethene	FB	Qua	756 564590	7926	20053	52588	194840	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	5026 3021096	30411	112781	283100	1164627	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	7774 3433728	35791	138641	305840	1328641	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Lin2	6224 2176374	28661	89181	211836	847081	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Lin2	4050 1546238	15064	62390	140716	608211	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Lin2	3851 1332385	17097	59679	132081	538350	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Qua	2090 841616	10866	31453	72920	334371	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	5331 2107049	22294	110946	213702	811017	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	6283 2973702	31532	118321	283072	1139408	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Lin2	3553 1140006	14126	49303	116665	442260	1.00 500	5.00	20.0	50.0	200
Ethanol	TBA	Ave	1347 725204	5660	25964	66999	282679	50.0 25000	250	1000	2500	10000
1,2-Dichlorotrifluoroethane	FB	Qua	5850 4006800	27001	120668	282808	1546120	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Qua	5850 4006800	27001	110961	282808	1546120	1.00 500	5.00	20.0	50.0	200
Acrolein	TBA	Lin2	1517 157082	5924	13108	27062	55836	4.00 400	20.0	40.0	100	200
Freon TF	FB	Qua	3185 1536109	9391	32948	111366	575776	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	2201 1180329	10117	43932	117442	433519	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.: 460-62993-1 Analy Batch No.: 181873

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2013 21:05 Calibration End Date: 09/18/2013 04:57 Calibration ID: 29819

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
Acetone	FB	Ave	9643 5123155	47981	198180	466696	1773828	5.00 2500	25.0	100	250	1000
Iodomethane	FB	Ave	5792 2739239	28566	104310	282177	1111128	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	9712 4695085	40217	153540	428483	1798350	1.00 500	5.00	20.0	50.0	200
Isopropanol	TBA	Ave	2825 1719996	14369	54095	148915	664529	10.0 5000	50.0	200	500	2000
Allyl chloride	FB	Qua	2496 2526268	13282	63289	211484	698767	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	6426 4189479	32083	125819	404876	1289314	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	20652 9986201	105616	394428	1040970	4034190	5.00 2500	25.0	100	250	1000
Acetonitrile	FB	Qua	11413 2474716	42232	175741	391811	1167035	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	3163 1706417	17931	64439	171002	676115	1.00 500	5.00	20.0	50.0	200
TBA	TBA	Lin2	6977 2935535	25881	102305	272503	1081895	10.0 5000	50.0	200	500	2000
MTBE	FB	Ave	6888 2823620	33198	127206	312601	1153818	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	2698 1343876	13244	59652	149996	599796	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	16609 9132660	89510	335528	880014	3574647	10.0 5000	50.0	200	500	2000
Hexane	FB	Ave	2793 1168384	11791	40518	136166	484098	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	10940 5281809	58452	229430	593925	2200479	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	6908 3495986	33366	133054	336099	1332631	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	22384 10416764	109338	444185	1072483	4387756	2.00 1000	10.0	40.0	100	400
2-Chloro-1,3-butadiene	FB	Ave	2819 1272840	13032	53665	143620	550442	1.00 500	5.00	20.0	50.0	200
Allyl alcohol	TBA	Qua	1239 1128517	7161	31791	55928	395686	25.0 12500	125	500	1250	5000
Tert-butyl ethyl ether	FB	Ave	6665 2845223	34926	141473	351086	1253903	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	4487 1703240	17063	72919	177286	680343	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.: 460-62993-1 Analy Batch No.: 181873

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2013 21:05 Calibration End Date: 09/18/2013 04:57 Calibration ID: 29819

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
cis-1,2-Dichloroethene	FB	Ave	3877 1836768	17682	71300	182463	711005	1.00 500	5.00	20.0	50.0	200
2-Butanone	TBA	Ave	2512 1357360	13812	50478	135268	537077	5.00 2500	25.0	100	250	1000
Ethyl acetate	FB	Ave	694 396889	4075	14428	39908	157551	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	4068 2261309	20250	81362	221244	900510	1.00 500	5.00	20.0	50.0	200
Propionitrile	TBA	Ave	7145 3610790	37974	142308	365855	1454482	10.0 5000	50.0	200	500	2000
Tetrahydrofuran	TBA	Lin2	5442 2296495	24129	89525	236053	937111	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	2278 1053224	10655	41589	106319	412047	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	16070 8490182	91199	355505	928563	3577438	10.0 5000	50.0	200	500	2000
Chloroform	FB	Ave	7489 3344944	37750	144624	366403	1406907	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	4105 1864324	16065	66506	194797	695701	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	5087 2361704	22655	89774	242618	941448	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	4465 2379314	20819	82806	229161	891936	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	5065 2617702	24728	96102	263332	1023249	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	14648 6983814	73149	276769	720630	2791371	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBA	Ave	5023 3592747	29549	113259	317023	1363229	25.0 12500	125	500	1250	5000
Tert-amyl methyl ether	FB	Ave	7120 2823663	36824	146927	364298	1271068	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	8072 3682197	39060	143189	372511	1461784	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	10981 6852591	66802	259408	703307	2789678	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Qua	2163 687595	6524	23714	77124	281266	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	Lin2	5513 1631107	20329	85016	228443	737927	2.00 1000	10.0	40.0	100	400
Trichloroethene	FB	Ave	4610 2189452	21552	77940	215719	845084	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.: 460-62993-1 Analy Batch No.: 181873

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2013 21:05 Calibration End Date: 09/18/2013 04:57 Calibration ID: 29819

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-Butanol	TBA	Ave	3490 2024170	16696	61427	172537	774713	25.0 12500	125	500	1250	5000
Methylcyclohexane	FB	Ave	3245 1309522	14122	51577	170258	573839	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	5276 3700852	29793	119631	326812	1443643	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	4858 2189453	21354	81992	218344	855982	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	3502 1591158	16261	60602	160875	631375	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	DXE	Ave	2516 598170	6276	22126	56686	233797	50.0 10000	100	400	1000	4000
Methyl methacrylate	FB	Ave	1998 1115347	10322	40428	110601	447156	2.00 1000	10.0	40.0	100	400
Propyl acetate	FB	Ave	6215 4481832	39833	156195	424972	1752101	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	5622 3367833	28120	109296	302806	1270624	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Qua	2834 1917611	13424	51031	155287	709857	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	2267 1662027	13585	57586	160365	660438	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	8692 5949266	50626	209672	581594	2341700	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	5341 3712183	30664	127862	353034	1427946	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	25354 16459460	152276	601704	1629407	6539405	5.00 2500	25.0	100	250	1000
Toluene	CBZ	Ave	17596 7960262	78466	299226	801268	3099884	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Qua	4712 3605491	26061	112737	317181	1349602	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	CBZ	Ave	4350 3349722	25838	108161	310479	1276387	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3266 1827147	18542	69449	184517	716760	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	4735 2160572	19790	75961	216691	835007	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	6534 3624444	36065	136862	365818	1421021	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Lin2	15412 12563828	100037	425489	1206076	4914441	5.00 2500	25.0	100	250	1000

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181873

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2013 21:05 Calibration End Date: 09/18/2013 04:57 Calibration ID: 29819

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Butyl acetate	CBZ	Ave	678 568893	5232	20323	52864	221410	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	3849 2701514	20390	83427	246532	1030557	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	4197 2384964	21897	84940	228782	928810	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	11526 5646323	57416	213382	567850	2212465	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	5489 2770260	26852	104059	282854	1098419	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	3947 2221760	19129	77587	215180	871249	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	6459 3469867	32687	128450	348171	1357380	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	CBZ	Qua	2535 2035299	14858	67075	190776	806415	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	5930 3331764	32246	131346	354173	1356124	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	9395 6204150	54991	229738	630385	2472141	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	Qua	6970 6528075	50842	211135	587711	2523170	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Qua	2927 2083414	14765	60709	181537	785133	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	15853 8840865	80781	325777	917952	3544619	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Qua	1786 550327	6145	28582	75145	272320	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	5367 2721436	26632	101610	275167	1061870	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	5700 3046231	29072	116507	310676	1226318	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	19792 10414659	98938	392045	1115803	4254930	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1574 902099	9629	35521	94453	363949	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1766 1155466	8852	36576	102010	433219	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	15176 7678885	75627	302419	802967	3103775	1.00 500	5.00	20.0	50.0	200
p-Ethyltoluene	DCB	Ave	16285 8109287	86559	344328	896075	3482837	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.: 460-62993-1 Analy Batch No.: 181873

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2013 21:05 Calibration End Date: 09/18/2013 04:57 Calibration ID: 29819

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	13283 7394421	70012	277427	774705	2985186	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	14218 7326997	72021	283447	764954	2961377	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Qua	3403 3107349	23965	105931	300686	1237073	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	11132 5804248	55601	210464	609412	2347427	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	14625 7771585	75447	307582	819831	3113274	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	14675 7829547	73557	289768	844948	3225166	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	12672 6744795	63168	255015	743727	2810239	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	8982 4406304	45248	176708	469437	1781295	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	10957 4592263	48785	186171	487299	1828625	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Qua	6538 5319449	35080	161232	457540	2030820	1.00 500	5.00	20.0	50.0	200
Indan	DCB	Ave	14419 7825810	82990	323721	849100	3310055	1.00 500	5.00	20.0	50.0	200
1,4-Diethylbenzene	DCB	Ave	8499 3718942	39746	160882	422565	1629962	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	16400 7109946	71518	284236	798552	2989762	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	9805 4549443	47142	182081	478135	1820487	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCB	Ave	12063 6515342	60946	263901	698233	2782453	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Qua	786 637184	4462	18908	53064	232319	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCB	Ave	6960 2662528	28802	115050	296687	1143708	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Qua	1904 1863982	11600	55391	141395	658919	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	5485 2360678	23719	98198	246675	964091	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Qua	3505 920117	8751	37229	99793	388627	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	10261 6075330	50541	237311	556629	2323543	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.: 460-62993-1 Analy Batch No.: 181873

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2013 21:05 Calibration End Date: 09/18/2013 04:57 Calibration ID: 29819

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
1,2,3-Trichlorobenzene	DCB	Ave	3770 1770046	16321	76499	166023	684639	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	205339 200059	208153	219678	211175	209166	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	306763 302142	307291	323239	313763	307140	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	689501 717531	712808	750160	732872	718825	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	CBZ	Ave	258827 289424	279675	295465	292760	286824	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 177780

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/23/2013 12:47 Calibration End Date: 08/23/2013 14:51 Calibration ID: 28331

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-177780/4	J03447.D
Level 2	STD2 460-177780/5	J03448.D
Level 3	ICIS 460-177780/6	J03449.D
Level 4	STD4 460-177780/7	J03450.D
Level 5	STD5 460-177780/8	J03451.D
Level 6	STD6 460-177780/9	J03452.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	0.3351 0.3028	0.3668	0.3190	0.2886	0.3359	Ave		0.3247				8.5		15.0			
Chloromethane	0.4525 0.3626	0.4353	0.3974	0.3703	0.4089	Ave		0.4045			0.1000	8.7		15.0			
Vinyl chloride	0.3597 0.2925	0.3746	0.3313	0.3025	0.3289	Ave		0.3316				9.6		15.0			
Butadiene	0.3422 0.2674	0.3024	0.2823	0.2598	0.2939	Ave		0.2913				10.0		15.0			
Bromomethane	0.2377 0.1515	0.1652	0.1419	0.1562	0.1694	Lin2	0.0838	0.1525							0.9950		0.9900
Chloroethane	0.2337 0.1563	0.1966	0.1799	0.1708	0.1814	Ave		0.1864			0.1000	14.0		15.0			
Dichlorofluoromethane	0.5915 0.4318	0.5615	0.5027	0.4783	0.5046	Ave		0.5117				11.0		15.0			
Trichlorofluoromethane	0.4762 0.4036	0.5083	0.4048	0.3989	0.4503	Ave		0.4403				10.0		15.0			
Ethanol	0.1926 0.0383	0.0698	0.0469	0.0557	0.0452	Qua	6.5256	0.0494	0						1.0000		0.9900
Ethyl ether	0.2829 0.1885	0.2342	0.2339	0.2169	0.2051	Ave		0.2269				14.0		15.0			
Isopropene	0.3039 0.3145	0.4024	0.3673	0.3241	0.3362	Ave		0.3414				11.0		15.0			
Freon TF	0.1409 0.2212	0.2234	0.2093	0.1983	0.2228	Lin2	-0.074	0.2184							0.9960		0.9900
Acrolein	1.6952 0.8286	1.0302	0.8038	0.9519	0.9112	Lin2	3.3858	0.8435							0.9920		0.9900
1,1-Dichloroethene	0.2134 0.2167	0.2077	0.1982	0.2036	0.2169	Ave		0.2094				3.6		15.0			
Acetone	0.2102 0.1013	0.1285	0.1156	0.1202	0.1139	Lin2	0.4979	0.1104							0.9970		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 177780

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/23/2013 12:47 Calibration End Date: 08/23/2013 14:51 Calibration ID: 28331

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Iodomethane	0.2757 0.2663	0.2659	0.2717	0.2729	0.2830	Ave		0.2726				2.3		15.0			
Carbon disulfide	0.6379 0.7121	0.6811	0.6957	0.7117	0.7648	Ave		0.7005				6.0		15.0			
Isopropanol	0.6964 0.6864	0.7314	0.6391	0.7212	0.7484	Ave		0.7038				5.5		15.0			
Allyl chloride	0.0976 0.1398	0.1206	0.1175	0.1297	0.1395	Ave		0.1241				13.0		15.0			
Methyl acetate	0.3196 0.2069	0.2964	0.2958	0.3059	0.2853	Ave		0.2850				14.0		15.0			
Cyclopentene	0.5114 0.6904	0.6685	0.6370	0.6513	0.7351	Ave		0.6489				12.0		15.0			
Acetonitrile	0.0619 0.0528	0.0638	0.0564	0.0547	0.0589	Ave		0.0581				7.3		15.0			
Methylene Chloride	0.2986 0.2514	0.2535	0.2450	0.2503	0.2641	Ave		0.2605				7.6		15.0			
TBA	3.4286 0.9213	1.2535	0.9670	1.0308	1.0090	Qua	3.8047	1.0588	0						1.0000		0.9900
MTBE	0.8074 0.7225	0.6923	0.7097	0.7414	0.7848	Ave		0.7430				6.0		15.0			
trans-1,2-Dichloroethene	0.2493 0.2433	0.2236	0.2195	0.2214	0.2445	Ave		0.2336				5.8		15.0			
Acrylonitrile	0.1242 0.0965	0.1254	0.1273	0.1324	0.1274	Ave		0.1222				11.0		15.0			
Allyl alcohol	0.3584 0.3746	0.4772	0.4069	0.4077	0.4420	Ave		0.4112				11.0		15.0			
Hexane	0.2393 0.2722	0.2977	0.2752	0.2558	0.2935	Ave		0.2723				8.2		15.0			
DIPE	1.1406 0.9113	1.0401	1.0130	1.0808	1.0703	Ave		1.0427				7.4		15.0			
1,1-Dichloroethane	0.4804 0.5121	0.5114	0.4880	0.5043	0.5424	Ave		0.5065			0.1000	4.3		15.0			
Vinyl acetate	0.6595 0.4437	0.5600	0.4978	0.5861	0.6144	Ave		0.5602				14.0		15.0			
2-Chloro-1,3-butadiene	0.1612 0.2298	0.2009	0.1986	0.2057	0.2328	Ave		0.2048				13.0		15.0			
Tert-butyl ethyl ether	0.9484 0.8049	0.8647	0.8221	0.8678	0.8912	Ave		0.8665				5.9		15.0			
2,2-Dichloropropane	0.2774 0.3534	0.3294	0.3211	0.3229	0.3659	Ave		0.3284				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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 177780

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/23/2013 12:47 Calibration End Date: 08/23/2013 14:51 Calibration ID: 28331

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-1,2-Dichloroethene	0.2481 0.2761	0.2547	0.2372	0.2500	0.2780	Ave		0.2573				6.3		15.0			
2-Butanone	0.0319 0.0356	0.0356	0.0335	0.0353	0.0368	Ave		0.0348				5.1		15.0			
Ethyl acetate	0.8313 0.5686	0.7469	0.7505	0.7938	0.7505	Ave		0.7403				12.0		15.0			
Methyl acrylate	0.2392 0.2872	0.2553	0.2606	0.2907	0.3048	Ave		0.2730				9.2		15.0			
Propionitrile	1.9796 1.5990	2.0648	1.8009	2.0530	1.9186	Ave		1.9027				9.3		15.0			
Tetrahydrofuran	8.1165 4.7920	6.4958	5.6220	6.3236	5.8963	Lin2	5.0188	5.6736							0.9910		0.9900
Bromochloromethane	0.1273 0.1236	0.1067	0.1045	0.1111	0.1217	Ave		0.1158				8.3		15.0			
Methacrylonitrile	0.1353 0.1069	0.1314	0.1297	0.1404	0.1380	Ave		0.1303				9.3		15.0			
Chloroform	0.4710 0.4560	0.4227	0.4263	0.4465	0.4819	Ave		0.4507				5.3		15.0			
Cyclohexane	0.2358 0.4093	0.4134	0.3884	0.3880	0.4399	Lin2	-0.176	0.4165							0.9970		0.9900
1,1,1-Trichloroethane	0.2380 0.3616	0.2984	0.3079	0.3182	0.3666	Ave		0.3151				15.0		15.0			
Carbon tetrachloride	0.1338 0.2934	0.2120	0.1983	0.2189	0.2760	Qua	-0.929	0.2656	0.0001						1.0000		0.9900
1,1-Dichloropropene	0.2222 0.3298	0.3187	0.2991	0.3040	0.3425	Ave		0.3027				14.0		15.0			
Isobutyl alcohol	0.2629 0.2713	0.1992	0.1850	0.2310	0.2851	Qua	-32.55	0.2966	0						1.0000		0.9900
Benzene	1.4730 1.2489	1.4188	1.3570	1.3390	1.4438	Ave		1.3801				5.9		15.0			
Isopropyl acetate	1.0250 0.8483	0.8240	0.8492	0.9460	0.9761	Ave		0.9114				9.0		15.0			
Tert-amyl methyl ether	0.7540 0.7512	0.7102	0.6837	0.7515	0.7938	Ave		0.7407				5.2		15.0			
1,2-Dichloroethane	0.4082 0.4015	0.4016	0.3973	0.4114	0.4289	Ave		0.4081				2.8		15.0			
n-Heptane	0.0986 0.1197	0.1219	0.1168	0.1129	0.1252	Ave		0.1158				8.2		15.0			
2,4,4-Trimethyl-1-pentene	0.2743 0.4436	0.4431	0.4467	0.4473	0.5028	Lin2	-0.381	0.4668							0.9970		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 177780

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/23/2013 12:47 Calibration End Date: 08/23/2013 14:51 Calibration ID: 28331

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-Butanol	0.1936 0.2599	0.1566	0.1427	0.2283	0.2601	Qua	-27.88	0.2644	0						1.0000		0.9900
Trichloroethene	0.2097 0.2492	0.2293	0.2267	0.2323	0.2485	Ave		0.2326				6.4		15.0			
Ethyl acrylate	0.4877 0.6424	0.6212	0.6221	0.6697	0.7107	Ave		0.6256				12.0		15.0			
Methylcyclohexane	0.1686 0.3033	0.2828	0.2702	0.2733	0.3107	Lin2	-0.125	0.2947							0.9970		0.9900
1,2-Dichloropropane	0.2836 0.2777	0.2504	0.2660	0.2736	0.2872	Ave		0.2731				4.9		15.0			
Methyl methacrylate	0.0631 0.0823	0.0638	0.0663	0.0759	0.0807	Ave		0.0720				12.0		15.0			
1,4-Dioxane	0.9721 1.0366	0.9940	0.9786	1.0452	1.0459	Ave		1.0121				3.4		15.0			
Propyl acetate	0.5656 0.4981	0.4353	0.4612	0.5160	0.5445	Ave		0.5034				9.8		15.0			
Dibromomethane	0.1642 0.1630	0.1501	0.1570	0.1679	0.1711	Ave		0.1622				4.7		15.0			
Bromodichloromethane	0.2798 0.3439	0.2786	0.2778	0.3025	0.3462	Ave		0.3048				11.0		15.0			
2-Chloroethyl vinyl ether	0.1829 0.2187	0.1815	0.1892	0.2147	0.2283	Ave		0.2025				10.0		15.0			
2-Nitropropane	0.0499 0.0674	0.0423	0.0338	0.0435	0.0541	Qua	-0.213	0.0455	0						1.0000		0.9900
Epichlorohydrin	0.0383 0.0416	0.0409	0.0414	0.0443	0.0479	Ave		0.0424				7.8		15.0			
cis-1,3-Dichloropropene	0.4770 0.6027	0.4833	0.5267	0.5625	0.6280	Ave		0.5467				11.0		15.0			
4-Methyl-2-pentanone	0.4331 0.3645	0.4732	0.4779	0.5083	0.4934	Ave		0.4584				11.0		15.0			
Toluene	1.2824 1.2403	1.3479	1.2931	1.3097	1.4245	Ave		1.3163				4.8		15.0			
trans-1,3-Dichloropropene	0.4004 0.5704	0.4361	0.4619	0.5097	0.5945	Ave		0.4955				15.0		15.0			
Ethyl methacrylate	0.2131 0.3562	0.2270	0.2844	0.3338	0.3716	Qua	-1.239	0.3858	0						1.0000		0.9900
1,1,2-Trichloroethane	0.2273 0.2892	0.2543	0.2721	0.2751	0.3000	Ave		0.2697				9.6		15.0			
Tetrachloroethene	0.2123 0.3168	0.2736	0.2572	0.2537	0.3102	Ave		0.2706				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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 177780

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/23/2013 12:47 Calibration End Date: 08/23/2013 14:51 Calibration ID: 28331

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-Dichloropropane	0.6024 0.5663	0.5715	0.5440	0.5620	0.6076	Ave		0.5757				4.3		15.0			
2-Hexanone	0.1413 0.1568	0.1469	0.1540	0.1686	0.1770	Ave		0.1574				8.5		15.0			
Butyl acetate	0.5474 0.6925	0.5864	0.6102	0.6839	0.7701	Ave		0.6484				13.0		15.0			
Dibromochloromethane	0.2114 0.3325	0.1920	0.2136	0.2421	0.3213	Qua	-1.443	0.3160	0						1.0000		0.9900
1,2-Dibromoethane	0.2708 0.3293	0.2950	0.2899	0.2988	0.3408	Ave		0.3041				8.6		15.0			
Chlorobenzene	0.8255 0.8413	0.8395	0.7945	0.8204	0.8979	Ave		0.8365			0.3000	4.1		15.0			
Ethylbenzene	0.3332 0.4808	0.4050	0.4065	0.4257	0.4865	Ave		0.4230				13.0		15.0			
1,1,1,2-Tetrachloroethane	0.2031 0.3299	0.2252	0.2128	0.2425	0.3127	Qua	-1.198	0.3029	0.0001						1.0000		0.9900
m&p-Xylene	0.4083 0.5859	0.5298	0.5104	0.5510	0.6098	Ave		0.5325				13.0		15.0			
Butyl acrylate	0.0999 0.3005	0.1514	0.1922	0.2406	0.3091	Qua	-1.653	0.3186	0						0.9990		0.9900
o-Xylene	0.4430 0.6040	0.5070	0.5239	0.5444	0.6206	Ave		0.5405				12.0		15.0			
Styrene	0.7226 0.9732	0.8068	0.9062	0.9731	1.0888	Ave		0.9118				14.0		15.0			
Amly acetate	0.9046 1.2757	0.9880	1.1207	1.3789	1.5384	Qua	-7.178	1.7325	-0.001						1.0000		0.9900
Bromoform	0.1015 0.2191	0.1117	0.1128	0.1430	0.2022	Qua	-1.045	0.1926	0.0001		0.1000				1.0000		0.9900
Isopropylbenzene	0.8888 1.1451	1.1708	1.2065	1.2730	1.3870	Ave		1.1785				14.0		15.0			
Camphene, Total	0.1696 0.1187	0.1168	0.1182	0.1187	0.1314	Lin2	0.0487	0.1185							0.9950		0.9900
Monobromobenzene	0.7684 0.6614	0.5760	0.6027	0.6424	0.7104	Ave		0.6602				11.0		15.0			
1,1,2,2-Tetrachloroethane	0.7238 0.7409	0.7297	0.7472	0.8162	0.8805	Ave		0.7731			0.3000	8.1		15.0			
N-Propylbenzene	2.4479 2.2446	2.8721	2.8706	3.0345	3.1211	Ave		2.7651				12.0		15.0			
1,2,3-Trichloropropane	0.2181 0.2237	0.2087	0.2101	0.2240	0.2478	Ave		0.2221				6.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 177780

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/23/2013 12:47 Calibration End Date: 08/23/2013 14:51 Calibration ID: 28331

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								
trans-1,4-Dichloro-2-butene	0.3031 0.2753	0.2373	0.2555	0.2862	0.3151	Ave		0.2788				10.0		15.0			
2-Chlorotoluene	1.9118 1.7931	2.1973	2.0962	2.1986	2.3506	Ave		2.0913				9.8		15.0			
p-Ethyltoluene	1.9716 2.0409	2.2946	2.2991	2.5173	2.7350	Ave		2.3098				12.0		15.0			
1,3,5-Trimethylbenzene	1.6026 1.7604	1.9810	1.9464	2.0679	2.2397	Ave		1.9330				12.0		15.0			
4-Chlorotoluene	1.8062 1.7136	2.1059	1.9631	2.0299	2.1751	Ave		1.9656				9.0		15.0			
Butyl Methacrylate	0.3910 0.9116	0.5220	0.6325	0.8052	0.9709	Qua	-4.785	1.0231	0						1.0000		0.9900
tert-Butylbenzene	1.0930 1.4524	1.3739	1.4271	1.5378	1.6707	Ave		1.4258				14.0		15.0			
1,2,4-Trimethylbenzene	1.7368 1.7910	2.0191	2.0428	2.1969	2.3307	Ave		2.0196				11.0		15.0			
sec-Butylbenzene	1.4124 1.8366	2.1003	2.0940	2.2260	2.3529	Lin2	-0.728	2.1587							0.9920		0.9900
p-Isopropyltoluene	1.4103 1.7483	1.7257	1.8041	1.9515	2.2432	Ave		1.8139				15.0		15.0			
1,3-Dichlorobenzene	1.2572 1.2377	1.1546	1.1405	1.2357	1.4523	Ave		1.2463				9.0		15.0			
1,4-Dichlorobenzene	1.1969 1.2825	1.3443	1.1933	1.2674	1.4463	Ave		1.2885				7.4		15.0			
Benzyl chloride	0.7833 1.3716	0.8474	0.9489	1.2261	1.5170	Qua	-8.346	1.6330	0						0.9990		0.9900
Indan	1.8669 1.8805	2.1520	2.1470	2.3440	2.4529	Ave		2.1405				11.0		15.0			
1,4-Diethylbenzene	0.8627 1.2248	1.0410	1.0705	1.1616	1.3152	Ave		1.1126				14.0		15.0			
n-Butylbenzene	1.9547 1.9659	2.3205	2.1377	2.2432	2.4050	Ave		2.1712				8.5		15.0			
1,2-Dichlorobenzene	1.1483 1.2152	1.1401	1.0960	1.1916	1.3286	Ave		1.1866				6.8		15.0			
1,2,4,5-Tetramethylbenzene	1.4967 1.7015	1.6281	1.7459	1.8819	2.1046	Ave		1.7598				12.0		15.0			
1,2-Dibromo-3-Chloropropane	0.1196 0.1978	0.1143	0.1329	0.1523	0.1745	Qua	-0.332	0.1602	0.0001						1.0000		0.9900
1,3,5-Trichlorobenzene	0.9849 0.8867	0.7723	0.7377	0.7633	0.8658	Ave		0.8351				11.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 177780

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/23/2013 12:47 Calibration End Date: 08/23/2013 14:51 Calibration ID: 28331

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								
Camphor	0.0611 0.0918	0.0708	0.0687	0.0790	0.0890	Qua	-1.073	0.0877	0						1.0000		0.9900
1,2,4-Trichlorobenzene	0.8771 0.8625	0.6975	0.6850	0.7413	0.8379	Ave		0.7835				11.0		15.0			
Hexachlorobutadiene	0.2340 0.2856	0.2344	0.1974	0.2148	0.2407	Ave		0.2345				13.0		15.0			
Naphthalene	1.9000 2.1180	2.1508	2.2449	2.4612	2.6824	Ave		2.2596				12.0		15.0			
1,2,3-Trichlorobenzene	0.7995 0.8046	0.6847	0.6634	0.6815	0.8041	Ave		0.7396				9.4		15.0			
Dibromofluoromethane (Surr)	0.2570 0.2728	0.2420	0.2503	0.2543	0.2766	Ave		0.2588				5.1		15.0			
1,2-Dichloroethane-d4 (Surr)	0.4067 0.3985	0.3821	0.3922	0.3988	0.4011	Ave		0.3966				2.1		15.0			
Toluene-d8 (Surr)	1.4526 1.3795	1.3824	1.3731	1.3663	1.4348	Ave		1.3981				2.6		15.0			
Bromofluorobenzene	0.3831 0.3958	0.3684	0.3790	0.3813	0.4150	Ave		0.3871				4.2		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.: 460-62993-1 Analy Batch No.: 177780

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/23/2013 12:47 Calibration End Date: 08/23/2013 14:51 Calibration ID: 28331

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-177780/4	J03447.D
Level 2	STD2 460-177780/5	J03448.D
Level 3	ICIS 460-177780/6	J03449.D
Level 4	STD4 460-177780/7	J03450.D
Level 5	STD5 460-177780/8	J03451.D
Level 6	STD6 460-177780/9	J03452.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	5616 3131594	32918	112722	259496	1262722	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	7584 3749556	39072	140389	332953	1537389	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	6028 3024647	33623	117037	271999	1236397	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	5735 2764707	27143	99742	233629	1104951	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Lin2	3984 1566745	14826	50128	140446	637007	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	3917 1615772	17642	63544	153543	681951	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	9913 4465520	50400	177595	430082	1897196	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	7981 4173526	45623	143009	358632	1692853	1.00 500	5.00	20.0	50.0	200
Ethanol	TBA	Qua	4105 575266	7819	22379	62849	226069	50.0 25000	250	1000	2500	10000
Ethyl ether	FB	Ave	4741 1949333	21024	82642	195047	771142	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	5093 3252152	36119	129761	291366	1263873	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Lin2	2361 2286872	20054	73952	178299	837713	1.00 500	5.00	20.0	50.0	200
Acrolein	TBA	Lin2	2891 199281	9227	15348	42958	91170	4.00 400	20.0	40.0	100	200
1,1-Dichloroethene	FB	Ave	3577 2241336	18646	70029	183091	815569	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Lin2	17615 5237529	57664	204134	540444	2140975	5.00 2500	25.0	100	250	1000
Iodomethane	FB	Ave	4620 2753963	23869	95992	245409	1063808	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.: 460-62993-1 Analy Batch No.: 177780

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/23/2013 12:47 Calibration End Date: 08/23/2013 14:51 Calibration ID: 28331

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon disulfide	FB	Ave	10691 7363752	61134	245784	639887	2875159	1.00 500	5.00	20.0	50.0	200
Isopropanol	TBA	Ave	2969 2063557	16377	61014	162726	748802	10.0 5000	50.0	200	500	2000
Allyl chloride	FB	Ave	1635 1445891	10822	41515	116604	524629	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	26781 10696984	133025	522618	1375118	5363611	5.00 2500	25.0	100	250	1000
Cyclopentene	FB	Ave	8571 7138808	60002	225042	585581	2763482	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	Ave	10367 5464575	57281	199149	491522	2214650	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	5005 2599348	22749	86564	225065	992873	1.00 500	5.00	20.0	50.0	200
TBA	TBA	Qua	14618 2769806	28068	92326	232589	1009583	10.0 5000	50.0	200	500	2000
MTBE	FB	Ave	13533 7470655	62137	250734	666609	2950376	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	4178 2515891	20067	77543	199081	919090	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	20808 9983933	112572	449929	1190690	4789076	10.0 5000	50.0	200	500	2000
Allyl alcohol	TBA	Ave	3820 2815856	26713	97132	230000	1105696	25.0 12500	125	500	1250	5000
Hexane	FB	Ave	4010 2814732	26716	97243	230013	1103575	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	19117 9423615	93355	357899	971743	4023875	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	8052 5295546	45902	172429	453461	2039295	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	22108 9175942	100529	351729	1053932	4619447	2.00 1000	10.0	40.0	100	400
2-Chloro-1,3-butadiene	FB	Ave	2702 2375796	18034	70168	184927	875382	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	15896 8322858	77608	290468	780241	3350507	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	4650 3654815	29569	113462	290358	1375696	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	4159 2854906	22858	83807	224773	1045055	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	2673 1839119	15985	59159	158910	691532	5.00 2500	25.0	100	250	1000

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 177780

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/23/2013 12:47 Calibration End Date: 08/23/2013 14:51 Calibration ID: 28331

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Ethyl acetate	FB	Ave	27866 11759536	134081	530330	1427410	5642786	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	4009 2969720	22917	92084	261393	1145825	1.00 500	5.00	20.0	50.0	200
Propionitrile	TBA	Ave	8440 4807478	46234	171941	463226	1919753	10.0 5000	50.0	200	500	2000
Tetrahydrofuran	TBA	Lin2	6921 2881367	29091	107352	285364	1179943	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	2133 1277739	9580	36916	99879	457545	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	22675 11050598	117966	458356	1262677	5188546	10.0 5000	50.0	200	500	2000
Chloroform	FB	Ave	7894 4715309	37936	150612	401432	1811840	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Lin2	3952 4232858	37102	137224	348821	1653674	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	3989 3739419	26782	108792	286125	1378141	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Qua	2242 3034203	19026	70062	196828	1037519	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	3724 3410775	28601	105674	273345	1287711	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBA	Qua	2802 2039354	11151	44159	130307	713191	25.0 12500	125	500	1250	5000
Benzene	CBZ	Ave	17023 9159113	87318	336919	874891	3792784	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	17180 8772301	73956	300016	850528	3669887	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	12637 7767624	63741	241549	675697	2984454	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	6841 4151784	36045	140362	369912	1612519	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	1652 1238004	10937	41249	101537	470706	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	Lin2	9195 9173407	79549	315635	804354	3780926	2.00 1000	10.0	40.0	100	400
n-Butanol	TBA	Qua	2064 1953394	8768	34052	128797	650622	25.0 12500	125	500	1250	5000
Trichloroethene	FB	Ave	3514 2577190	20582	80089	208880	934096	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	8174 6643027	55752	219778	602121	2672037	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.: 460-62993-1 Analy Batch No.: 177780

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/23/2013 12:47 Calibration End Date: 08/23/2013 14:51 Calibration ID: 28331

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
Methylcyclohexane	FB	Lin2	2825 3136263	25381	95479	245770	1168260	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	4754 2871189	22477	93978	245988	1079796	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	2116 1701910	11454	46846	136410	606614	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	Ave	2443 660935	5271	21371	57757	236798	50.0 10000	100	400	1000	4000
Propyl acetate	FB	Ave	9480 5150452	39068	162957	463911	2047151	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2752 1685843	13471	55481	151000	643127	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	4689 3556467	25005	98137	271966	1301554	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	3065 2261952	16291	66833	192998	858434	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Qua	1674 1393328	7598	23867	78230	406822	2.00 1000	10.0	40.0	100	400
Epichlorohydrin	CBZ	Ave	8848 6094847	50297	205436	578905	2516298	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	5513 4420051	29747	130770	367547	1649627	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	25024 13365849	145611	593200	1660668	6480559	5.00 2500	25.0	100	250	1000
Toluene	CBZ	Ave	14820 9096017	82952	321055	855772	3742178	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	4627 4183352	26837	114674	333050	1561770	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Qua	3571 3683755	20376	100477	300151	1397058	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	2627 2120571	15651	67568	179728	788022	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	2453 2323194	16838	63854	165764	814823	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	6962 4153432	35171	135067	367234	1596229	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	8164 5748368	45191	191112	550805	2325269	5.00 2500	25.0	100	250	1000
Butyl acetate	CBZ	Ave	6326 5078765	36086	151487	446835	2022904	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Qua	2443 2438215	11814	53030	158198	844045	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.: 460-62993-1 Analy Batch No.: 177780

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/23/2013 12:47 Calibration End Date: 08/23/2013 14:51 Calibration ID: 28331

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-Dibromoethane	CBZ	Ave	3129 2415298	18156	71969	195228	895209	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	9540 6169841	51667	197247	536054	2358748	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	3851 3525843	24924	100930	278184	1278139	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Qua	2347 2419597	13858	52822	158443	821522	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	4718 4296662	32604	126729	360058	1602011	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	CBZ	Qua	1154 2203801	9316	47707	157234	811908	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	5119 4429565	31205	130068	355737	1630385	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	8351 7136896	49653	224976	635810	2860307	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	Qua	5354 5331018	31818	149273	477319	2205067	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Qua	1173 1606715	6872	27995	93446	531054	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	10271 8397535	72058	299551	831806	3643499	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Lin2	1960 870851	7188	29353	77538	345070	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	4548 2763949	18549	80276	222380	1018249	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	4284 3096034	23500	99533	282536	1262173	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	14488 9380084	92492	382371	1050369	4473724	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1291 934699	6720	27989	77553	355237	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1794 1150602	7643	34032	99060	451731	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	11315 7493263	70761	279217	761045	3369403	1.00 500	5.00	20.0	50.0	200
p-Ethyltoluene	DCB	Ave	11669 8528622	73895	306240	871369	3920366	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	9485 7356719	63795	259265	715792	3210359	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	10690 7160863	67819	261491	702652	3117812	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.: 460-62993-1 Analy Batch No.: 177780

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/23/2013 12:47 Calibration End Date: 08/23/2013 14:51 Calibration ID: 28331

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Butyl Methacrylate	DCB	Qua	2314 3809572	16809	84251	278709	1391705	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	6469 6069367	44244	190097	532317	2394818	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	10279 7484607	65021	272105	760463	3340881	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Lin2	8359 7675179	67636	278922	770516	3372660	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	8347 7305909	55575	240307	675506	3215405	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	7441 5172434	37183	151913	427736	2081696	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	7084 5359703	43293	158949	438690	2073144	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Qua	4636 5731818	27291	126393	424396	2174436	1.00 500	5.00	20.0	50.0	200
Indan	DCB	Ave	11049 7858689	69301	285981	811364	3515906	1.00 500	5.00	20.0	50.0	200
1,4-Diethylbenzene	DCB	Ave	5106 5118422	33524	142592	402081	1885146	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	11569 8215292	74728	284748	776474	3447285	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	6796 5078168	36717	145990	412472	1904368	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCB	Ave	8858 7110684	52430	232557	651410	3016702	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Qua	708 826541	3681	17697	52713	250151	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCB	Ave	5829 3705624	24871	98264	264230	1241002	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Qua	1807 1918604	11397	45745	136712	638100	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	5191 3604183	22463	91238	256592	1201097	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	1385 1193649	7549	26300	74336	345081	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	11245 8851217	69264	299019	851937	3844948	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	4732 3362278	22050	88371	235901	1152600	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	215376 282050	217229	221057	228666	259941	50.0 50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 177780

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/23/2013 12:47 Calibration End Date: 08/23/2013 14:51 Calibration ID: 28331

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	340827 412054	342958	346401	358605	376995	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	839326 1011716	850777	852297	892735	942321	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	CBZ	Ave	221349 290241	226719	235261	249114	272540	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-181583/2 Calibration Date: 09/16/2013 16:10

Instrument ID: CVOAMS12 Calib Start Date: 08/06/2013 20:05

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/06/2013 22:09

Lab File ID: O77909.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	0.5015	0.6580		26.2	20.0	31.2	50.0
Chloromethane	Lin2		0.4983	0.1000	21.2	20.0	6.2	50.0
Butadiene	Ave	0.4603	0.4855		21.1	20.0	5.5	50.0
Vinyl chloride	Lin2		0.6137		23.5	20.0	17.3	20.0
Bromomethane	Lin2		0.3598		24.9	20.0	24.5	50.0
Chloroethane	Lin2		0.3152		23.4	20.0	16.9	50.0
Dichlorofluoromethane	Ave	0.7201	0.8210		22.8	20.0	14.0	50.0
Trichlorofluoromethane	Lin2		0.7435		24.4	20.0	21.9	50.0
Ethanol	Ave	0.0637	0.0474		744	1000	-25.6	50.0
Ethyl ether	Ave	0.2359	0.2057		17.4	20.0	-12.8	50.0
Isopropanol	Ave	0.6690	0.6494		194	200	-2.9	50.0
Isopropene	Ave	0.5303	0.5006		18.9	20.0	-5.6	50.0
Acrolein	Ave	0.8672	0.2464		85.2	300	-71.6*	50.0
1,1-Dichloroethene	Ave	0.3718	0.3686		19.8	20.0	-0.9	20.0
Freon TF	Ave	0.3829	0.3607		18.8	20.0	-5.8	50.0
Acetone	Qua		0.0912		147	100	46.5	50.0
Iodomethane	Ave	0.5288	0.4692		17.7	20.0	-11.3	50.0
Carbon disulfide	Ave	1.282	1.194		18.6	20.0	-6.8	50.0
Acetonitrile	Ave	0.0771	0.0588		152	200	-23.8	50.0
Allyl chloride	Ave	0.2554	0.2468		19.3	20.0	-3.4	50.0
Methyl acetate	Lin2		0.1595		99.5	100	-0.5	50.0
Cyclopentene	Ave	1.028	0.9852		19.2	20.0	-4.1	50.0
Methylene Chloride	Lin2		0.3978		21.1	20.0	5.5	50.0
TBA	Lin2		1.105		189	200	-5.4	50.0
Acrylonitrile	Ave	0.0932	0.0879		189	200	-5.7	50.0
MTBE	Ave	0.7409	0.7597		20.5	20.0	2.5	50.0
trans-1,2-Dichloroethene	Ave	0.3869	0.3588		18.5	20.0	-7.3	50.0
Hexane	Ave	0.3158	0.2597		16.4	20.0	-17.8	50.0
1,1-Dichloroethane	Ave	0.6730	0.6186	0.1000	18.4	20.0	-8.1	50.0
Vinyl acetate	Ave	0.5669	0.5277		37.2	40.0	-6.9	50.0
DIPE	Ave	0.8611	0.7799		18.1	20.0	-9.4	50.0
2-Chloro-1,3-butadiene	Ave	0.3606	0.3354		18.6	20.0	-7.0	50.0
Tert-butyl ethyl ether	Ave	0.8683	0.8530	0.0100	19.6	20.0	-1.8	50.0
2,2-Dichloropropane	Ave	0.5292	0.5227		19.8	20.0	-1.2	50.0
cis-1,2-Dichloroethene	Ave	0.4221	0.4050		19.2	20.0	-4.1	50.0
2-Butanone	Ave	1.389	1.289		92.8	100	-7.2	50.0
Ethyl acetate	Ave	0.2517	0.2031		32.3	40.0	-19.3	50.0
Propionitrile	Ave	1.641	1.275		155	200	-22.3	50.0
Methyl acrylate	Ave	0.2793	0.2703		19.4	20.0	-3.2	50.0
Bromochloromethane	Ave	0.1911	0.1999		20.9	20.0	4.6	50.0
Methacrylonitrile	Ave	0.1131	0.1123		199	200	-0.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-181583/2 Calibration Date: 09/16/2013 16:10

Instrument ID: CVOAMS12 Calib Start Date: 08/06/2013 20:05

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/06/2013 22:09

Lab File ID: O77909.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
Tetrahydrofuran	Ave	3.708	2.919		31.5	40.0	-21.3	50.0
Chloroform	Ave	0.5994	0.5903		19.7	20.0	-1.5	20.0
1,1,1-Trichloroethane	Ave	0.5152	0.5280		20.5	20.0	2.5	50.0
Cyclohexane	Ave	0.6514	0.5600		17.2	20.0	-14.0	50.0
1,1-Dichloropropene	Ave	0.4628	0.4362		18.8	20.0	-5.8	50.0
Carbon tetrachloride	Ave	0.4346	0.4308		19.8	20.0	-0.9	50.0
Isobutyl alcohol	Qua		0.1573		443	500	-11.5	50.0
Benzene	Ave	1.518	1.304		17.2	20.0	-14.1	50.0
1,2-Dichloroethane	Ave	0.3772	0.3911		20.7	20.0	3.7	50.0
Isopropyl acetate	Ave	0.5925	0.5863		19.8	20.0	-1.0	50.0
Tert-amyl methyl ether	Ave	0.7650	0.7696		20.1	20.0	0.6	50.0
n-Heptane	Lin2		0.3527		19.5	20.0	-2.6	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.995	0.9662		38.8	40.0	-2.9	50.0
Trichloroethene	Ave	0.3745	0.3453		18.4	20.0	-7.8	50.0
n-Butanol	Lin2		0.2955		420	500	-16.1	50.0
Ethyl acrylate	Ave	0.7931	0.7598		19.2	20.0	-4.2	50.0
Methylcyclohexane	Ave	0.6918	0.6622		19.1	20.0	-4.3	50.0
1,2-Dichloropropane	Ave	0.3393	0.2987		17.6	20.0	-12.0	20.0
Dibromomethane	Ave	0.1932	0.1892		19.6	20.0	-2.1	50.0
1,4-Dioxane	Ave	1.367	1.186		347	400	-13.3	50.0
Methyl methacrylate	Ave	0.1971	0.1933		39.2	40.0	-2.0	50.0
Propyl acetate	Ave	0.3142	0.2971		18.9	20.0	-5.4	50.0
Bromodichloromethane	Ave	0.4407	0.4247		19.3	20.0	-3.6	50.0
2-Nitropropane	Lin2		0.0624		45.5	40.0	13.7	50.0
2-Chloroethyl vinyl ether	Ave	0.1060	0.1320		24.9	20.0	24.5	50.0
Epichlorohydrin	Ave	0.0268	0.0229		342	400	-14.6	50.0
cis-1,3-Dichloropropene	Ave	0.5317	0.4784		18.0	20.0	-10.0	50.0
4-Methyl-2-pentanone	Ave	0.2331	0.2028		87.0	100	-13.0	50.0
Toluene	Ave	1.731	1.574		18.2	20.0	-9.0	20.0
trans-1,3-Dichloropropene	Ave	0.4491	0.4367		19.4	20.0	-2.8	50.0
Ethyl methacrylate	Ave	0.3540	0.3392		19.2	20.0	-4.2	50.0
1,1,2-Trichloroethane	Ave	0.2355	0.2129		18.1	20.0	-9.6	50.0
Tetrachloroethene	Ave	0.4816	0.4303		17.9	20.0	-10.6	50.0
1,3-Dichloropropane	Ave	0.4997	0.4597		18.4	20.0	-8.0	50.0
2-Hexanone	Lin2		0.1593		92.7	100	-7.3	50.0
Dibromochloromethane	Ave	0.3254	0.3095		19.0	20.0	-4.9	50.0
1,2-Dibromoethane	Ave	0.2864	0.2806		19.6	20.0	-2.0	50.0
Butyl acetate	Lin2		0.2938		15.8	20.0	-21.2	50.0
Chlorobenzene	Ave	1.151	1.095	0.3000	19.0	20.0	-4.9	50.0
1,1,1,2-Tetrachloroethane	Ave	0.3585	0.3384		18.9	20.0	-5.6	50.0
Ethylbenzene	Ave	0.6351	0.6000		18.9	20.0	-5.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-181583/2 Calibration Date: 09/16/2013 16:10

Instrument ID: CVOAMS12 Calib Start Date: 08/06/2013 20:05

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/06/2013 22:09

Lab File ID: O77909.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
m&p-Xylene	Ave	0.7578	0.7062		18.6	20.0	-6.8	50.0
o-Xylene	Ave	0.7195	0.6957		19.3	20.0	-3.3	50.0
Styrene	Ave	1.233	1.194		19.4	20.0	-3.2	50.0
Butyl acrylate	Ave	0.2395	0.2334		19.5	20.0	-2.5	50.0
Bromoform	Ave	0.2431	0.2372	0.1000	19.5	20.0	-2.4	50.0
Amly acetate	Ave	0.7571	0.6853		18.1	20.0	-9.5	50.0
Isopropylbenzene	Ave	2.042	2.047		20.0	20.0	0.2	50.0
Camphene, Total	Ave	0.1555	0.1438		18.5	20.0	-7.5	50.0
Monobromobenzene	Ave	0.8283	0.7796		18.8	20.0	-5.9	50.0
1,1,2,2-Tetrachloroethane	Ave	0.6691	0.6302	0.3000	18.8	20.0	-5.8	50.0
1,2,3-Trichloropropane	Ave	0.1883	0.1837		19.5	20.0	-2.5	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1669	0.1504		18.0	20.0	-9.9	50.0
N-Propylbenzene	Ave	3.971	3.774		19.0	20.0	-5.0	50.0
2-Chlorotoluene	Ave	2.232	2.151		19.3	20.0	-3.6	50.0
p-Ethyltoluene	Ave	3.315	3.416		20.6	20.0	3.1	50.0
4-Chlorotoluene	Ave	2.330	2.218		19.0	20.0	-4.8	50.0
1,3,5-Trimethylbenzene	Ave	2.771	2.750		19.9	20.0	-0.7	50.0
Butyl Methacrylate	Ave	0.7966	0.7880		19.8	20.0	-1.1	50.0
tert-Butylbenzene	Ave	2.539	2.484		19.6	20.0	-2.2	50.0
1,2,4-Trimethylbenzene	Ave	2.865	2.860		20.0	20.0	-0.2	50.0
sec-Butylbenzene	Ave	3.876	3.779		19.5	20.0	-2.5	50.0
1,3-Dichlorobenzene	Ave	1.722	1.656		19.2	20.0	-3.8	50.0
1,4-Dichlorobenzene	Ave	1.736	1.624		18.7	20.0	-6.5	50.0
p-Isopropyltoluene	Ave	3.475	3.335		19.2	20.0	-4.0	50.0
Benzyl chloride	Ave	1.226	1.232		20.1	20.0	0.5	50.0
Indan	Ave	2.887	3.000		20.8	20.0	3.9	50.0
1,2-Dichlorobenzene	Ave	1.637	1.545		18.9	20.0	-5.6	50.0
1,4-Diethylbenzene	Ave	2.104	2.140		20.3	20.0	1.7	50.0
n-Butylbenzene	Ave	3.768	3.652		19.4	20.0	-3.1	50.0
1,2-Dibromo-3-Chloropropane	Lin2		0.1450		20.5	20.0	2.5	50.0
1,2,4,5-Tetramethylbenzene	Ave	3.120	3.321		21.3	20.0	6.4	50.0
Camphor	Qua		0.0695		99.9	100	-0.0	50.0
1,2,4-Trichlorobenzene	Ave	1.367	1.229		18.0	20.0	-10.1	50.0
Hexachlorobutadiene	Ave	0.8269	0.6942		16.8	20.0	-16.0	50.0
Naphthalene	Lin2		2.417		18.7	20.0	-6.4	50.0
1,2,3-Trichlorobenzene	Ave	1.200	1.082		18.0	20.0	-9.9	50.0
Dibromofluoromethane (Surr)	Ave	0.2307	0.2446		53.0	50.0	6.0	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2036	0.2365		58.1	50.0	16.2	50.0
Toluene-d8 (Surr)	Ave	1.001	1.016		50.8	50.0	1.5	50.0
Bromofluorobenzene	Ave	0.3915	0.3987		50.9	50.0	1.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-181663/2 Calibration Date: 09/17/2013 05:03

Instrument ID: CVOAMS12 Calib Start Date: 08/06/2013 20:05

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/06/2013 22:09

Lab File ID: O77938.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	0.5015	0.5653		22.5	20.0	12.7	50.0
Chloromethane	Lin2		0.3456	0.1000	14.5	20.0	-27.4	50.0
Vinyl chloride	Lin2		0.5077		19.3	20.0	-3.4	20.0
Butadiene	Ave	0.4603	0.4396		19.1	20.0	-4.5	50.0
Bromomethane	Lin2		0.3027		20.8	20.0	4.0	50.0
Chloroethane	Lin2		0.2524		18.6	20.0	-6.8	50.0
Dichlorofluoromethane	Ave	0.7201	0.6898		19.2	20.0	-4.2	50.0
Trichlorofluoromethane	Lin2		0.6580		21.5	20.0	7.5	50.0
Ethanol	Ave	0.0637	0.0416		653	1000	-34.7	50.0
Ethyl ether	Ave	0.2359	0.2181		18.5	20.0	-7.5	50.0
Isopropene	Ave	0.5303	0.5179		19.5	20.0	-2.3	50.0
Acrolein	Ave	0.8672	0.2407		83.3	300	-72.2*	50.0
1,1-Dichloroethene	Ave	0.3718	0.3096		16.7	20.0	-16.7	20.0
Freon TF	Ave	0.3829	0.3394		17.7	20.0	-11.4	50.0
Acetone	Qua		0.0911		146	100	46.2	50.0
Methyl acetate	Lin2		0.0891		54.5	100	-45.5	50.0
Iodomethane	Ave	0.5288	0.3350		12.7	20.0	-36.7	50.0
Carbon disulfide	Ave	1.282	1.002		15.6	20.0	-21.8	50.0
Isopropanol	Ave	0.6690	0.3575		107	200	-46.6	50.0
Acetonitrile	Ave	0.0771	0.0530		138	200	-31.2	50.0
Allyl chloride	Ave	0.2554	0.1998		15.7	20.0	-21.7	50.0
Cyclopentene	Ave	1.028	0.9145		17.8	20.0	-11.0	50.0
Methylene Chloride	Lin2		0.3334		17.5	20.0	-12.4	50.0
TBA	Lin2		1.100		188	200	-5.9	50.0
trans-1,2-Dichloroethene	Ave	0.3869	0.3381		17.5	20.0	-12.6	50.0
Acrylonitrile	Ave	0.0932	0.0857		184	200	-8.0	50.0
MTBE	Ave	0.7409	0.8720		23.5	20.0	17.7	50.0
Hexane	Ave	0.3158	0.2644		16.7	20.0	-16.3	50.0
1,1-Dichloroethane	Ave	0.6730	0.5348	0.1000	15.9	20.0	-20.5	50.0
Vinyl acetate	Ave	0.5669	0.5721		40.4	40.0	0.9	50.0
2-Chloro-1,3-butadiene	Ave	0.3606	0.3464		19.2	20.0	-3.9	50.0
DIPE	Ave	0.8611	0.8272		19.2	20.0	-3.9	50.0
Tert-butyl ethyl ether	Ave	0.8683	0.8815	0.0100	20.3	20.0	1.5	50.0
2,2-Dichloropropane	Ave	0.5292	0.4931		18.6	20.0	-6.8	50.0
cis-1,2-Dichloroethene	Ave	0.4221	0.3724		17.6	20.0	-11.8	50.0
2-Butanone	Ave	1.389	1.202		86.6	100	-13.4	50.0
Ethyl acetate	Ave	0.2517	0.2356		37.4	40.0	-6.4	50.0
Propionitrile	Ave	1.641	1.156		141	200	-29.6	50.0
Methyl acrylate	Ave	0.2793	0.2947		21.1	20.0	5.5	50.0
Bromochloromethane	Ave	0.1911	0.1699		17.8	20.0	-11.1	50.0
Methacrylonitrile	Ave	0.1131	0.1193		211	200	5.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-181663/2 Calibration Date: 09/17/2013 05:03

Instrument ID: CVOAMS12 Calib Start Date: 08/06/2013 20:05

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/06/2013 22:09

Lab File ID: O77938.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
Tetrahydrofuran	Ave	3.708	2.834		30.6	40.0	-23.6	50.0
Chloroform	Ave	0.5994	0.5412		18.1	20.0	-9.7	20.0
1,1,1-Trichloroethane	Ave	0.5152	0.5009		19.4	20.0	-2.8	50.0
Cyclohexane	Ave	0.6514	0.5554		17.1	20.0	-14.7	50.0
Carbon tetrachloride	Ave	0.4346	0.4129		19.0	20.0	-5.0	50.0
1,1-Dichloropropene	Ave	0.4628	0.4434		19.2	20.0	-4.2	50.0
Benzene	Ave	1.518	1.376		18.1	20.0	-9.3	50.0
Isobutyl alcohol	Qua		0.1618		451	500	-9.9	50.0
1,2-Dichloroethane	Ave	0.3772	0.3671		19.5	20.0	-2.7	50.0
Isopropyl acetate	Ave	0.5925	0.6498		21.9	20.0	9.7	50.0
Tert-amyl methyl ether	Ave	0.7650	0.8633		22.6	20.0	12.8	50.0
n-Heptane	Lin2		0.3474		19.1	20.0	-4.4	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.995	0.9125		36.7	40.0	-8.3	50.0
Trichloroethene	Ave	0.3745	0.3459		18.5	20.0	-7.6	50.0
n-Butanol	Lin2		0.2772		393	500	-21.4	50.0
Ethyl acrylate	Ave	0.7931	0.7627		19.2	20.0	-3.8	50.0
Methylcyclohexane	Ave	0.6918	0.6622		19.1	20.0	-4.3	50.0
1,2-Dichloropropane	Ave	0.3393	0.2920		17.2	20.0	-13.9	20.0
Dibromomethane	Ave	0.1932	0.1770		18.3	20.0	-8.4	50.0
1,4-Dioxane	Ave	1.367	1.191		349	400	-12.8	50.0
Methyl methacrylate	Ave	0.1971	0.2020		41.0	40.0	2.5	50.0
Propyl acetate	Ave	0.3142	0.3235		20.6	20.0	3.0	50.0
Bromodichloromethane	Ave	0.4407	0.4172		18.9	20.0	-5.3	50.0
2-Nitropropane	Lin2		0.0588		42.8	40.0	7.0	50.0
2-Chloroethyl vinyl ether	Ave	0.1060	0.0883		16.7	20.0	-16.7	50.0
Epichlorohydrin	Ave	0.0268	0.0241		359	400	-10.3	50.0
cis-1,3-Dichloropropene	Ave	0.5317	0.5223		19.6	20.0	-1.8	50.0
4-Methyl-2-pentanone	Ave	0.2331	0.2384		102	100	2.3	50.0
Toluene	Ave	1.731	1.622		18.7	20.0	-6.3	20.0
trans-1,3-Dichloropropene	Ave	0.4491	0.4803		21.4	20.0	6.9	50.0
Ethyl methacrylate	Ave	0.3540	0.3741		21.1	20.0	5.7	50.0
1,1,2-Trichloroethane	Ave	0.2355	0.2292		19.5	20.0	-2.7	50.0
Tetrachloroethene	Ave	0.4816	0.4533		18.8	20.0	-5.9	50.0
1,3-Dichloropropane	Ave	0.4997	0.4650		18.6	20.0	-7.0	50.0
2-Hexanone	Lin2		0.1753		102	100	2.2	50.0
Dibromochloromethane	Ave	0.3254	0.3244		19.9	20.0	-0.3	50.0
1,2-Dibromoethane	Ave	0.2864	0.2825		19.7	20.0	-1.4	50.0
Butyl acetate	Lin2		0.3421		18.4	20.0	-7.8	50.0
Chlorobenzene	Ave	1.151	1.040	0.3000	18.1	20.0	-9.7	50.0
1,1,1,2-Tetrachloroethane	Ave	0.3585	0.3536		19.7	20.0	-1.4	50.0
Ethylbenzene	Ave	0.6351	0.5811		18.3	20.0	-8.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-181663/2 Calibration Date: 09/17/2013 05:03

Instrument ID: CVOAMS12 Calib Start Date: 08/06/2013 20:05

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/06/2013 22:09

Lab File ID: O77938.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
m&p-Xylene	Ave	0.7578	0.7286		19.2	20.0	-3.9	50.0
o-Xylene	Ave	0.7195	0.6832		19.0	20.0	-5.0	50.0
Styrene	Ave	1.233	1.160		18.8	20.0	-5.9	50.0
Butyl acrylate	Ave	0.2395	0.2359		19.7	20.0	-1.5	50.0
Bromoform	Ave	0.2431	0.2223	0.1000	18.3	20.0	-8.6	50.0
Amly acetate	Ave	0.7571	0.7031		18.6	20.0	-7.1	50.0
Isopropylbenzene	Ave	2.042	1.901		18.6	20.0	-6.9	50.0
Camphene, Total	Ave	0.1555	0.1232		15.8	20.0	-20.8	50.0
Monobromobenzene	Ave	0.8283	0.8075		19.5	20.0	-2.5	50.0
1,1,2,2-Tetrachloroethane	Ave	0.6691	0.6461	0.3000	19.3	20.0	-3.4	50.0
1,2,3-Trichloropropane	Ave	0.1883	0.1941		20.6	20.0	3.0	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1669	0.1618		19.4	20.0	-3.0	50.0
N-Propylbenzene	Ave	3.971	3.861		19.4	20.0	-2.8	50.0
2-Chlorotoluene	Ave	2.232	2.211		19.8	20.0	-0.9	50.0
p-Ethyltoluene	Ave	3.315	3.398		20.5	20.0	2.5	50.0
4-Chlorotoluene	Ave	2.330	2.281		19.6	20.0	-2.1	50.0
1,3,5-Trimethylbenzene	Ave	2.771	2.771		20.0	20.0	0.0	50.0
Butyl Methacrylate	Ave	0.7966	0.8038		20.2	20.0	0.9	50.0
tert-Butylbenzene	Ave	2.539	2.485		19.6	20.0	-2.1	50.0
1,2,4-Trimethylbenzene	Ave	2.865	2.817		19.7	20.0	-1.7	50.0
sec-Butylbenzene	Ave	3.876	3.733		19.3	20.0	-3.7	50.0
1,3-Dichlorobenzene	Ave	1.722	1.646		19.1	20.0	-4.4	50.0
1,4-Dichlorobenzene	Ave	1.736	1.600		18.4	20.0	-7.9	50.0
p-Isopropyltoluene	Ave	3.475	3.274		18.8	20.0	-5.8	50.0
Benzyl chloride	Ave	1.226	1.242		20.3	20.0	1.3	50.0
Indan	Ave	2.887	2.879		19.9	20.0	-0.3	50.0
1,2-Dichlorobenzene	Ave	1.637	1.510		18.4	20.0	-7.8	50.0
1,4-Diethylbenzene	Ave	2.104	2.036		19.4	20.0	-3.2	50.0
n-Butylbenzene	Ave	3.768	3.489		18.5	20.0	-7.4	50.0
1,2-Dibromo-3-Chloropropane	Lin2		0.1580		22.5	20.0	12.4	50.0
1,2,4,5-Tetramethylbenzene	Ave	3.120	3.081		19.8	20.0	-1.2	50.0
Camphor	Qua		0.0767		109	100	9.2	50.0
1,2,4-Trichlorobenzene	Ave	1.367	1.217		17.8	20.0	-11.0	50.0
Hexachlorobutadiene	Ave	0.8269	0.6751		16.3	20.0	-18.4	50.0
Naphthalene	Lin2		2.544		19.8	20.0	-1.2	50.0
1,2,3-Trichlorobenzene	Ave	1.200	1.089		18.1	20.0	-9.3	50.0
Dibromofluoromethane (Surr)	Ave	0.2307	0.2312		50.1	50.0	0.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2036	0.2260		55.5	50.0	11.0	50.0
Toluene-d8 (Surr)	Ave	1.001	1.075		53.7	50.0	7.4	50.0
Bromofluorobenzene	Ave	0.3915	0.3854		49.2	50.0	-1.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-181813/2 Calibration Date: 09/17/2013 15:51

Instrument ID: CVOAMS12 Calib Start Date: 08/06/2013 20:05

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/06/2013 22:09

Lab File ID: O77963.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	0.5015	0.5396		21.5	20.0	7.6	50.0
Chloromethane	Lin2		0.3539	0.1000	14.9	20.0	-25.5	50.0
Vinyl chloride	Lin2		0.4992		19.0	20.0	-5.0	20.0
Butadiene	Ave	0.4603	0.4286		18.6	20.0	-6.9	50.0
Bromomethane	Lin2		0.2956		20.3	20.0	1.5	50.0
Chloroethane	Lin2		0.2554		18.9	20.0	-5.7	50.0
Dichlorofluoromethane	Ave	0.7201	0.6828		19.0	20.0	-5.2	50.0
Trichlorofluoromethane	Lin2		0.6542		21.4	20.0	6.8	50.0
Ethanol	Ave	0.0637	0.0367		576	1000	-42.4	50.0
Ethyl ether	Ave	0.2359	0.2096		17.8	20.0	-11.1	50.0
Isopropanol	Ave	0.6690	0.4999		149	200	-25.3	50.0
Isopropene	Ave	0.5303	0.5364		20.2	20.0	1.1	50.0
Acrolein	Ave	0.8672	0.2360		81.6	300	-72.8*	50.0
1,1-Dichloroethene	Ave	0.3718	0.3187		17.1	20.0	-14.3	20.0
Freon TF	Ave	0.3829	0.3414		17.8	20.0	-10.8	50.0
Acetone	Qua		0.0870		139	100	39.3	50.0
Iodomethane	Ave	0.5288	0.3516		13.3	20.0	-33.5	50.0
Carbon disulfide	Ave	1.282	1.022		15.9	20.0	-20.3	50.0
Acetonitrile	Ave	0.0771	0.0492		127	200	-36.3	50.0
Allyl chloride	Ave	0.2554	0.2083		16.3	20.0	-18.4	50.0
Methyl acetate	Lin2		0.1500		93.4	100	-6.6	50.0
Cyclopentene	Ave	1.028	0.9917		19.3	20.0	-3.5	50.0
Methylene Chloride	Lin2		0.3285		17.2	20.0	-13.8	50.0
TBA	Lin2		1.257		219	200	9.3	50.0
Acrylonitrile	Ave	0.0932	0.0813		175	200	-12.7	50.0
trans-1,2-Dichloroethene	Ave	0.3869	0.3326		17.2	20.0	-14.0	50.0
MTBE	Ave	0.7409	0.8235		22.2	20.0	11.1	50.0
Hexane	Ave	0.3158	0.2537		16.1	20.0	-19.7	50.0
1,1-Dichloroethane	Ave	0.6730	0.5519	0.1000	16.4	20.0	-18.0	50.0
Vinyl acetate	Ave	0.5669	0.5522		39.0	40.0	-2.6	50.0
2-Chloro-1,3-butadiene	Ave	0.3606	0.3445		19.1	20.0	-4.5	50.0
DIPE	Ave	0.8611	0.8497		19.7	20.0	-1.3	50.0
Tert-butyl ethyl ether	Ave	0.8683	0.9149	0.0100	21.1	20.0	5.4	50.0
2,2-Dichloropropane	Ave	0.5292	0.5052		19.1	20.0	-4.5	50.0
cis-1,2-Dichloroethene	Ave	0.4221	0.3687		17.5	20.0	-12.7	50.0
2-Butanone	Ave	1.389	1.207		86.9	100	-13.1	50.0
Ethyl acetate	Ave	0.2517	0.2128		33.8	40.0	-15.5	50.0
Propionitrile	Ave	1.641	1.251		153	200	-23.7	50.0
Methyl acrylate	Ave	0.2793	0.2785		19.9	20.0	-0.3	50.0
Bromochloromethane	Ave	0.1911	0.1734		18.1	20.0	-9.3	50.0
Methacrylonitrile	Ave	0.1131	0.1170		207	200	3.4	50.0

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SDG No.:

Lab Sample ID: CCVIS 460-181813/2 Calibration Date: 09/17/2013 15:51

Instrument ID: CVOAMS12 Calib Start Date: 08/06/2013 20:05

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/06/2013 22:09

Lab File ID: O77963.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
Tetrahydrofuran	Ave	3.708	2.843		30.7	40.0	-23.3	50.0
Chloroform	Ave	0.5994	0.5296		17.7	20.0	-11.7	20.0
1,1,1-Trichloroethane	Ave	0.5152	0.4966		19.3	20.0	-3.6	50.0
Cyclohexane	Ave	0.6514	0.5514		16.9	20.0	-15.3	50.0
Carbon tetrachloride	Ave	0.4346	0.4357		20.0	20.0	0.2	50.0
1,1-Dichloropropene	Ave	0.4628	0.4324		18.7	20.0	-6.6	50.0
Benzene	Ave	1.518	1.392		18.3	20.0	-8.3	50.0
Isobutyl alcohol	Qua		0.1728		471	500	-5.9	50.0
1,2-Dichloroethane	Ave	0.3772	0.3551		18.8	20.0	-5.9	50.0
Isopropyl acetate	Ave	0.5925	0.6386		21.6	20.0	7.8	50.0
Tert-amyl methyl ether	Ave	0.7650	0.8793		23.0	20.0	14.9	50.0
n-Heptane	Lin2		0.3263		17.6	20.0	-11.9	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.995	0.9472		38.1	40.0	-4.8	50.0
Trichloroethene	Ave	0.3745	0.3330		17.8	20.0	-11.1	50.0
n-Butanol	Lin2		0.2734		387	500	-22.5	50.0
Ethyl acrylate	Ave	0.7931	0.7896		19.9	20.0	-0.4	50.0
Methylcyclohexane	Ave	0.6918	0.6544		18.9	20.0	-5.4	50.0
1,2-Dichloropropane	Ave	0.3393	0.2964		17.5	20.0	-12.6	20.0
Dibromomethane	Ave	0.1932	0.1730		17.9	20.0	-10.5	50.0
Methyl methacrylate	Ave	0.1971	0.2085		42.3	40.0	5.7	50.0
1,4-Dioxane	Ave	1.367	1.185		347	400	-13.4	50.0
Propyl acetate	Ave	0.3142	0.3195		20.3	20.0	1.7	50.0
Bromodichloromethane	Ave	0.4407	0.4111		18.7	20.0	-6.7	50.0
2-Nitropropane	Lin2		0.0560		40.6	40.0	1.6	50.0
2-Chloroethyl vinyl ether	Ave	0.1060	0.1110		20.9	20.0	4.7	50.0
Epichlorohydrin	Ave	0.0268	0.0235		351	400	-12.3	50.0
cis-1,3-Dichloropropene	Ave	0.5317	0.5049		19.0	20.0	-5.0	50.0
4-Methyl-2-pentanone	Ave	0.2331	0.2204		94.5	100	-5.5	50.0
Toluene	Ave	1.731	1.621		18.7	20.0	-6.4	20.0
trans-1,3-Dichloropropene	Ave	0.4491	0.4617		20.6	20.0	2.8	50.0
Ethyl methacrylate	Ave	0.3540	0.3595		20.3	20.0	1.6	50.0
1,1,2-Trichloroethane	Ave	0.2355	0.2163		18.4	20.0	-8.1	50.0
Tetrachloroethene	Ave	0.4816	0.4454		18.5	20.0	-7.5	50.0
1,3-Dichloropropane	Ave	0.4997	0.4655		18.6	20.0	-6.9	50.0
2-Hexanone	Lin2		0.1672		97.4	100	-2.6	50.0
Dibromochloromethane	Ave	0.3254	0.3243		19.9	20.0	-0.3	50.0
1,2-Dibromoethane	Ave	0.2864	0.2849		19.9	20.0	-0.5	50.0
Butyl acetate	Lin2		0.3281		17.7	20.0	-11.7	50.0
Chlorobenzene	Ave	1.151	1.046	0.3000	18.2	20.0	-9.1	50.0
1,1,1,2-Tetrachloroethane	Ave	0.3585	0.3625		20.2	20.0	1.1	50.0
Ethylbenzene	Ave	0.6351	0.5793		18.2	20.0	-8.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-181813/2 Calibration Date: 09/17/2013 15:51

Instrument ID: CVOAMS12 Calib Start Date: 08/06/2013 20:05

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/06/2013 22:09

Lab File ID: O77963.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
m&p-Xylene	Ave	0.7578	0.7424		19.6	20.0	-2.0	50.0
o-Xylene	Ave	0.7195	0.6882		19.1	20.0	-4.3	50.0
Styrene	Ave	1.233	1.128		18.3	20.0	-8.5	50.0
Butyl acrylate	Ave	0.2395	0.2398		20.0	20.0	0.1	50.0
Bromoform	Ave	0.2431	0.2289	0.1000	18.8	20.0	-5.8	50.0
Amly acetate	Ave	0.7571	0.7330		19.4	20.0	-3.2	50.0
Isopropylbenzene	Ave	2.042	1.909		18.7	20.0	-6.5	50.0
Camphene, Total	Ave	0.1555	0.1353		17.4	20.0	-13.0	50.0
Monobromobenzene	Ave	0.8283	0.7771		18.8	20.0	-6.2	50.0
1,1,2,2-Tetrachloroethane	Ave	0.6691	0.6088	0.3000	18.2	20.0	-9.0	50.0
1,2,3-Trichloropropane	Ave	0.1883	0.2021		21.5	20.0	7.3	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1669	0.1582		19.0	20.0	-5.2	50.0
N-Propylbenzene	Ave	3.971	3.792		19.1	20.0	-4.5	50.0
2-Chlorotoluene	Ave	2.232	2.194		19.7	20.0	-1.7	50.0
p-Ethyltoluene	Ave	3.315	3.589		21.7	20.0	8.3	50.0
4-Chlorotoluene	Ave	2.330	2.249		19.3	20.0	-3.5	50.0
1,3,5-Trimethylbenzene	Ave	2.771	2.750		19.9	20.0	-0.7	50.0
Butyl Methacrylate	Ave	0.7966	0.8070		20.3	20.0	1.3	50.0
tert-Butylbenzene	Ave	2.539	2.430		19.1	20.0	-4.3	50.0
1,2,4-Trimethylbenzene	Ave	2.865	2.809		19.6	20.0	-2.0	50.0
sec-Butylbenzene	Ave	3.876	2.809		14.5	20.0	-27.5	50.0
1,3-Dichlorobenzene	Ave	1.722	1.610		18.7	20.0	-6.5	50.0
1,4-Dichlorobenzene	Ave	1.736	1.583		18.2	20.0	-8.8	50.0
p-Isopropyltoluene	Ave	3.475	3.242		18.7	20.0	-6.7	50.0
Benzyl chloride	Ave	1.226	1.273		20.8	20.0	3.8	50.0
Indan	Ave	2.887	3.015		20.9	20.0	4.4	50.0
1,2-Dichlorobenzene	Ave	1.637	1.482		18.1	20.0	-9.4	50.0
1,4-Diethylbenzene	Ave	2.104	2.190		20.8	20.0	4.1	50.0
n-Butylbenzene	Ave	3.768	3.521		18.7	20.0	-6.6	50.0
1,2-Dibromo-3-Chloropropane	Lin2		0.1644		23.4	20.0	17.2	50.0
1,2,4,5-Tetramethylbenzene	Ave	3.120	3.311		21.2	20.0	6.1	50.0
Camphor	Qua		0.0763		109	100	8.8	50.0
1,2,4-Trichlorobenzene	Ave	1.367	1.189		17.4	20.0	-13.0	50.0
Hexachlorobutadiene	Ave	0.8269	0.6619		16.0	20.0	-19.9	50.0
Naphthalene	Lin2		2.453		19.0	20.0	-4.9	50.0
1,2,3-Trichlorobenzene	Ave	1.200	1.057		17.6	20.0	-12.0	50.0
Dibromofluoromethane (Surr)	Ave	0.2307	0.2267		49.1	50.0	-1.7	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2036	0.2212		54.3	50.0	8.6	50.0
Toluene-d8 (Surr)	Ave	1.001	1.052		52.5	50.0	5.1	50.0
Bromofluorobenzene	Ave	0.3915	0.3917		50.0	50.0	0.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182287/2 Calibration Date: 09/20/2013 05:03

Instrument ID: CVOAMS12 Calib Start Date: 08/06/2013 20:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/06/2013 22:09

Lab File ID: O78096.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	0.5015	0.5251		20.9	20.0	4.7	50.0
Chloromethane	Lin2		0.3518	0.1000	14.8	20.0	-26.0	50.0
Vinyl chloride	Lin2		0.5106		19.4	20.0	-2.8	20.0
Butadiene	Ave	0.4603	0.4141		18.0	20.0	-10.0	50.0
Bromomethane	Lin2		0.3321		22.9	20.0	14.6	50.0
Chloroethane	Lin2		0.2739		20.3	20.0	1.3	50.0
Dichlorofluoromethane	Ave	0.7201	0.7289		20.2	20.0	1.2	50.0
Trichlorofluoromethane	Lin2		0.7090		23.2	20.0	16.1	50.0
Ethanol	Ave	0.0637	0.0347		545	1000	-45.5	50.0
Ethyl ether	Ave	0.2359	0.2241		19.0	20.0	-5.0	50.0
Isopropene	Ave	0.5303	0.5613		21.2	20.0	5.9	50.0
Acrolein	Ave	0.8672	0.1625		56.2	300	-81.3*	50.0
1,1-Dichloroethene	Ave	0.3718	0.3315		17.8	20.0	-10.8	20.0
Freon TF	Ave	0.3829	0.3757		19.6	20.0	-1.9	50.0
Acetone	Qua		0.0795		127	100	26.8	50.0
Iodomethane	Ave	0.5288	0.3430		13.0	20.0	-35.1	50.0
Carbon disulfide	Ave	1.282	1.023		16.0	20.0	-20.2	50.0
Isopropanol	Ave	0.6690	0.4700		141	200	-29.7	50.0
Acetonitrile	Ave	0.0771	0.0505		131	200	-34.6	50.0
Allyl chloride	Ave	0.2554	0.2195		17.2	20.0	-14.0	50.0
Methyl acetate	Lin2		0.1597		99.6	100	-0.4	50.0
Cyclopentene	Ave	1.028	0.9746		19.0	20.0	-5.2	50.0
Methylene Chloride	Lin2		0.3452		18.2	20.0	-9.1	50.0
TBA	Lin2		1.575		280	200	40.0	50.0
Acrylonitrile	Ave	0.0932	0.0871		187	200	-6.5	50.0
trans-1,2-Dichloroethene	Ave	0.3869	0.3578		18.5	20.0	-7.5	50.0
MTBE	Ave	0.7409	0.8836		23.9	20.0	19.3	50.0
Hexane	Ave	0.3158	0.2595		16.4	20.0	-17.9	50.0
1,1-Dichloroethane	Ave	0.6730	0.5674	0.1000	16.9	20.0	-15.7	50.0
Vinyl acetate	Ave	0.5669	0.5704		40.2	40.0	0.6	50.0
2-Chloro-1,3-butadiene	Ave	0.3606	0.3779		21.0	20.0	4.8	50.0
DIPE	Ave	0.8611	0.8243		19.1	20.0	-4.3	50.0
Tert-butyl ethyl ether	Ave	0.8683	0.9344	0.0100	21.5	20.0	7.6	50.0
2,2-Dichloropropane	Ave	0.5292	0.5080		19.2	20.0	-4.0	50.0
cis-1,2-Dichloroethene	Ave	0.4221	0.3753		17.8	20.0	-11.1	50.0
2-Butanone	Ave	1.389	1.141		82.2	100	-17.8	50.0
Ethyl acetate	Ave	0.2517	0.2229		35.4	40.0	-11.5	50.0
Propionitrile	Ave	1.641	1.190		145	200	-27.5	50.0
Methyl acrylate	Ave	0.2793	0.2893		20.7	20.0	3.6	50.0
Bromochloromethane	Ave	0.1911	0.1800		18.8	20.0	-5.8	50.0
Methacrylonitrile	Ave	0.1131	0.1226		217	200	8.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182287/2 Calibration Date: 09/20/2013 05:03

Instrument ID: CVOAMS12 Calib Start Date: 08/06/2013 20:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/06/2013 22:09

Lab File ID: O78096.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
Tetrahydrofuran	Ave	3.708	2.538		27.4	40.0	-31.6	50.0
Chloroform	Ave	0.5994	0.5541		18.5	20.0	-7.6	20.0
1,1,1-Trichloroethane	Ave	0.5152	0.5384		20.9	20.0	4.5	50.0
Cyclohexane	Ave	0.6514	0.5644		17.3	20.0	-13.3	50.0
Carbon tetrachloride	Ave	0.4346	0.4512		20.8	20.0	3.8	50.0
1,1-Dichloropropene	Ave	0.4628	0.4444		19.2	20.0	-4.0	50.0
Benzene	Ave	1.518	1.386		18.3	20.0	-8.7	50.0
Isobutyl alcohol	Qua		0.1384		408	500	-18.4	50.0
1,2-Dichloroethane	Ave	0.3772	0.3860		20.5	20.0	2.3	50.0
Isopropyl acetate	Ave	0.5925	0.6505		22.0	20.0	9.8	50.0
Tert-amyl methyl ether	Ave	0.7650	0.8963		23.4	20.0	17.2	50.0
n-Heptane	Lin2		0.3471		19.1	20.0	-4.5	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.995	0.9613		38.6	40.0	-3.4	50.0
Trichloroethene	Ave	0.3745	0.3619		19.3	20.0	-3.4	50.0
n-Butanol	Lin2		0.2641		374	500	-25.2	50.0
Ethyl acrylate	Ave	0.7931	0.8157		20.6	20.0	2.9	50.0
Methylcyclohexane	Ave	0.6918	0.7052		20.4	20.0	1.9	50.0
1,2-Dichloropropane	Ave	0.3393	0.2934		17.3	20.0	-13.5	20.0
Dibromomethane	Ave	0.1932	0.1788		18.5	20.0	-7.5	50.0
Methyl methacrylate	Ave	0.1971	0.2013		40.8	40.0	2.1	50.0
1,4-Dioxane	Ave	1.367	1.059		310	400	-22.6	50.0
Propyl acetate	Ave	0.3142	0.3405		21.7	20.0	8.4	50.0
Bromodichloromethane	Ave	0.4407	0.4361		19.8	20.0	-1.0	50.0
2-Nitropropane	Lin2		0.0660		48.2	40.0	20.4	50.0
2-Chloroethyl vinyl ether	Ave	0.1060	0.0968		18.2	20.0	-8.8	50.0
Epichlorohydrin	Ave	0.0268	0.0223		332	400	-16.9	50.0
cis-1,3-Dichloropropene	Ave	0.5317	0.5076		19.1	20.0	-4.5	50.0
4-Methyl-2-pentanone	Ave	0.2331	0.2265		97.2	100	-2.8	50.0
Toluene	Ave	1.731	1.620		18.7	20.0	-6.4	20.0
trans-1,3-Dichloropropene	Ave	0.4491	0.4645		20.7	20.0	3.4	50.0
Ethyl methacrylate	Ave	0.3540	0.3741		21.1	20.0	5.7	50.0
1,1,2-Trichloroethane	Ave	0.2355	0.2248		19.1	20.0	-4.6	50.0
Tetrachloroethene	Ave	0.4816	0.4325		18.0	20.0	-10.2	50.0
1,3-Dichloropropane	Ave	0.4997	0.4796		19.2	20.0	-4.0	50.0
2-Hexanone	Lin2		0.1653		96.3	100	-3.7	50.0
Dibromochloromethane	Ave	0.3254	0.3234		19.9	20.0	-0.6	50.0
1,2-Dibromoethane	Ave	0.2864	0.2807		19.6	20.0	-2.0	50.0
Butyl acetate	Lin2		0.3306		17.8	20.0	-11.0	50.0
Chlorobenzene	Ave	1.151	1.059	0.3000	18.4	20.0	-8.0	50.0
1,1,1,2-Tetrachloroethane	Ave	0.3585	0.3593		20.0	20.0	0.2	50.0
Ethylbenzene	Ave	0.6351	0.6041		19.0	20.0	-4.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182287/2 Calibration Date: 09/20/2013 05:03

Instrument ID: CVOAMS12 Calib Start Date: 08/06/2013 20:05

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/06/2013 22:09

Lab File ID: O78096.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
m&p-Xylene	Ave	0.7578	0.7302		19.3	20.0	-3.6	50.0
o-Xylene	Ave	0.7195	0.7005		19.5	20.0	-2.6	50.0
Styrene	Ave	1.233	1.158		18.8	20.0	-6.1	50.0
Butyl acrylate	Ave	0.2395	0.2367		19.8	20.0	-1.2	50.0
Bromoform	Ave	0.2431	0.2329	0.1000	19.2	20.0	-4.2	50.0
Amly acetate	Ave	0.7571	0.6683		17.7	20.0	-11.7	50.0
Isopropylbenzene	Ave	2.042	1.903		18.6	20.0	-6.8	50.0
Camphene, Total	Ave	0.1555	0.1247		16.0	20.0	-19.8	50.0
Monobromobenzene	Ave	0.8283	0.8094		19.5	20.0	-2.3	50.0
1,1,2,2-Tetrachloroethane	Ave	0.6691	0.6100	0.3000	18.2	20.0	-8.8	50.0
1,2,3-Trichloropropane	Ave	0.1883	0.1972		20.9	20.0	4.7	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1669	0.1558		18.7	20.0	-6.6	50.0
N-Propylbenzene	Ave	3.971	3.713		18.7	20.0	-6.5	50.0
2-Chlorotoluene	Ave	2.232	2.160		19.4	20.0	-3.2	50.0
p-Ethyltoluene	Ave	3.315	3.407		20.6	20.0	2.8	50.0
4-Chlorotoluene	Ave	2.330	2.270		19.5	20.0	-2.6	50.0
1,3,5-Trimethylbenzene	Ave	2.771	2.705		19.5	20.0	-2.4	50.0
Butyl Methacrylate	Ave	0.7966	0.7638		19.2	20.0	-4.1	50.0
tert-Butylbenzene	Ave	2.539	2.392		18.8	20.0	-5.8	50.0
1,2,4-Trimethylbenzene	Ave	2.865	2.766		19.3	20.0	-3.5	50.0
sec-Butylbenzene	Ave	3.876	3.590		18.5	20.0	-7.4	50.0
1,3-Dichlorobenzene	Ave	1.722	1.592		18.5	20.0	-7.5	50.0
1,4-Dichlorobenzene	Ave	1.736	1.557		17.9	20.0	-10.3	50.0
p-Isopropyltoluene	Ave	3.475	3.213		18.5	20.0	-7.5	50.0
Benzyl chloride	Ave	1.226	1.207		19.7	20.0	-1.5	50.0
Indan	Ave	2.887	2.850		19.7	20.0	-1.3	50.0
1,2-Dichlorobenzene	Ave	1.637	1.477		18.1	20.0	-9.7	50.0
1,4-Diethylbenzene	Ave	2.104	2.030		19.3	20.0	-3.5	50.0
n-Butylbenzene	Ave	3.768	3.471		18.4	20.0	-7.9	50.0
1,2-Dibromo-3-Chloropropane	Lin2		0.1624		23.1	20.0	15.7	50.0
1,2,4,5-Tetramethylbenzene	Ave	3.120	3.041		19.5	20.0	-2.5	50.0
Camphor	Qua		0.0785		112	100	11.6	50.0
1,2,4-Trichlorobenzene	Ave	1.367	1.193		17.5	20.0	-12.7	50.0
Hexachlorobutadiene	Ave	0.8269	0.6707		16.2	20.0	-18.9	50.0
Naphthalene	Lin2		2.475		19.2	20.0	-4.0	50.0
1,2,3-Trichlorobenzene	Ave	1.200	1.073		17.9	20.0	-10.6	50.0
Dibromofluoromethane (Surr)	Ave	0.2307	0.2361		51.2	50.0	2.4	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2036	0.2444		60.0	50.0	20.0	50.0
Toluene-d8 (Surr)	Ave	1.001	1.077		53.8	50.0	7.6	50.0
Bromofluorobenzene	Ave	0.3915	0.3878		49.5	50.0	-0.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182095/3 Calibration Date: 09/19/2013 10:42

Instrument ID: CVOAMS2 Calib Start Date: 09/17/2013 21:05

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/18/2013 04:57

Lab File ID: B60669.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
Chlorotrifluoroethene	Qua		0.0738		19.6	20.0	-2.0	50.0
Dichlorodifluoromethane	Ave	0.4268	0.4205		19.7	20.0	-1.5	50.0
Chloromethane	Ave	0.5180	0.4741	0.1000	18.3	20.0	-8.5	50.0
Vinyl chloride	Lin2		0.3223		19.1	20.0	-4.4	20.0
Butadiene	Lin2		0.2064		18.5	20.0	-7.7	50.0
Bromomethane	Lin2		0.2100		19.9	20.0	-0.5	50.0
Chloroethane	Qua		0.1207		20.8	20.0	3.8	50.0
Trichlorofluoromethane	Ave	0.3472	0.3297		19.0	20.0	-5.0	50.0
Dichlorofluoromethane	Ave	0.4465	0.4691		21.0	20.0	5.1	50.0
Ethyl ether	Lin2		0.1561		17.5	20.0	-12.5	50.0
Ethanol	Ave	0.0684	0.0689		1010	1000	0.8	50.0
1,2-Dichlorotrifluoroethane	Qua		0.4825		21.2	20.0	6.0	50.0
Isopropene	Qua		0.4825		21.5	20.0	7.3	50.0
Acrolein	Lin2		0.7155		36.2	40.0	-9.5	50.0
Freon TF	Qua		0.0905		13.8	20.0	-31.1	50.0
1,1-Dichloroethene	Ave	0.1658	0.1387		16.7	20.0	-16.4	20.0
Acetone	Ave	0.1435	0.1095		76.3	100	-23.7	50.0
Iodomethane	Ave	0.4166	0.3334		16.0	20.0	-20.0	50.0
Carbon disulfide	Ave	0.6553	0.4577		14.0	20.0	-30.2	50.0
Isopropanol	Ave	0.7754	0.8400		217	200	8.3	50.0
Allyl chloride	Qua		0.1891		14.2	20.0	-29.2	50.0
Cyclopentene	Ave	0.5241	0.3930		15.0	20.0	-25.0	50.0
Methyl acetate	Ave	0.3053	0.2575		84.4	100	-15.6	50.0
Acetonitrile	Qua		0.0559		193	200	-3.4	50.0
Methylene Chloride	Ave	0.2514	0.2225		17.7	20.0	-11.5	50.0
TBA	Lin2		1.254		186	200	-7.2	50.0
MTBE	Ave	0.4679	0.3860		16.5	20.0	-17.5	50.0
trans-1,2-Dichloroethene	Ave	0.2120	0.1933		18.2	20.0	-8.8	50.0
Acrylonitrile	Ave	0.1309	0.1109		169	200	-15.3	50.0
Hexane	Ave	0.1832	0.1364		14.9	20.0	-25.5	50.0
DIPE	Ave	0.8407	0.8427		20.0	20.0	0.2	50.0
1,1-Dichloroethane	Ave	0.5065	0.4374	0.1000	17.3	20.0	-13.6	50.0
2-Chloro-1,3-butadiene	Ave	0.2030	0.1986		19.6	20.0	-2.1	50.0
Vinyl acetate	Ave	0.8146	0.8504		41.8	40.0	4.4	50.0
Allyl alcohol	Qua		0.1869		588	500	17.6	50.0
Tert-butyl ethyl ether	Ave	0.4938	0.5054		20.5	20.0	2.4	50.0
2,2-Dichloropropane	Ave	0.2736	0.2295		16.8	20.0	-16.1	50.0
cis-1,2-Dichloroethene	Ave	0.2727	0.2310		16.9	20.0	-15.3	50.0
2-Butanone	Ave	1.362	1.169		85.8	100	-14.2	50.0
Ethyl acetate	Ave	0.0287	0.0276		38.5	40.0	-3.8	50.0
Methyl acrylate	Ave	0.3198	0.3008		18.8	20.0	-5.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182095/3 Calibration Date: 09/19/2013 10:42

Instrument ID: CVOAMS2 Calib Start Date: 09/17/2013 21:05

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/18/2013 04:57

Lab File ID: B60669.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propionitrile	Ave	1.872	1.843		197	200	-1.6	50.0
Tetrahydrofuran	Lin2		5.440		37.4	40.0	-6.5	50.0
Bromochloromethane	Ave	0.1594	0.1347		16.9	20.0	-15.5	50.0
Methacrylonitrile	Ave	0.1313	0.1290		196	200	-1.8	50.0
Chloroform	Ave	0.5398	0.4705		17.4	20.0	-12.8	20.0
Cyclohexane	Ave	0.2717	0.2128		15.7	20.0	-21.7	50.0
1,1,1-Trichloroethane	Ave	0.3544	0.2905		16.4	20.0	-18.0	50.0
Carbon tetrachloride	Ave	0.3316	0.2616		15.8	20.0	-21.1	50.0
1,1-Dichloropropene	Ave	0.3796	0.3277		17.3	20.0	-13.7	50.0
Benzene	Ave	1.237	1.069		17.3	20.0	-13.5	50.0
Isobutyl alcohol	Ave	0.6289	0.5371		427	500	-14.6	50.0
Tert-amyl methyl ether	Ave	0.5113	0.5334		20.9	20.0	4.3	50.0
1,2-Dichloroethane	Ave	0.5635	0.4671		16.6	20.0	-17.1	50.0
Isopropyl acetate	Ave	0.9836	0.9763		19.8	20.0	-0.8	50.0
n-Heptane	Qua		0.0818		16.0	20.0	-19.9	50.0
2,4,4-Trimethyl-1-pentene	Lin2		0.1293		35.4	40.0	-11.6	50.0
Trichloroethene	Ave	0.3213	0.2615		16.3	20.0	-18.6	50.0
n-Butanol	Ave	0.3641	0.3169		435	500	-13.0	50.0
Methylcyclohexane	Ave	0.2189	0.1812		16.6	20.0	-17.2	50.0
Ethyl acrylate	Ave	0.4787	0.4467		18.7	20.0	-6.7	50.0
1,2-Dichloropropane	Ave	0.3279	0.2746		16.8	20.0	-16.2	20.0
1,4-Dioxane	Ave	1.233	1.154		374	400	-6.4	50.0
Dibromomethane	Ave	0.2414	0.1967		16.3	20.0	-18.5	50.0
Methyl methacrylate	Ave	0.0796	0.0729		36.6	40.0	-8.4	50.0
Propyl acetate	Ave	0.6002	0.5665		18.9	20.0	-5.6	50.0
Bromodichloromethane	Ave	0.4476	0.3620		16.2	20.0	-19.1	50.0
2-Nitropropane	Qua		0.0973		36.5	40.0	-8.7	50.0
2-Chloroethyl vinyl ether	Ave	0.2204	0.2147		19.5	20.0	-2.6	50.0
Epichlorohydrin	Ave	0.0465	0.0398		342	400	-14.5	50.0
cis-1,3-Dichloropropene	Ave	0.5697	0.5073		17.8	20.0	-11.0	50.0
4-Methyl-2-pentanone	Ave	0.5311	0.4612		86.8	100	-13.2	50.0
Toluene	Ave	1.387	1.167		16.8	20.0	-15.9	20.0
trans-1,3-Dichloropropene	Qua		0.4431		17.5	20.0	-12.5	50.0
Ethyl methacrylate	Ave	0.4934	0.4243		17.2	20.0	-14.0	50.0
1,1,2-Trichloroethane	Ave	0.3087	0.2683		17.4	20.0	-13.1	50.0
Tetrachloroethene	Ave	0.3673	0.2996		16.3	20.0	-18.4	50.0
1,3-Dichloropropane	Ave	0.6105	0.5289		17.3	20.0	-13.4	50.0
2-Hexanone	Lin2		0.3269		83.0	100	-17.0	50.0
Butyl acetate	Ave	0.0869	0.0803		18.5	20.0	-7.6	50.0
Dibromochloromethane	Ave	0.3985	0.3315		16.6	20.0	-16.8	50.0
1,2-Dibromoethane	Ave	0.3877	0.3235		16.7	20.0	-16.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182095/3 Calibration Date: 09/19/2013 10:42

Instrument ID: CVOAMS2 Calib Start Date: 09/17/2013 21:05

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/18/2013 04:57

Lab File ID: B60669.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
Chlorobenzene	Ave	0.9754	0.8247	0.3000	16.9	20.0	-15.5	50.0
Ethylbenzene	Ave	0.4739	0.4049		17.1	20.0	-14.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3581	0.3058		17.1	20.0	-14.6	50.0
m&p-Xylene	Ave	0.5800	0.5055		17.4	20.0	-12.8	50.0
Butyl acrylate	Qua		0.2945		19.0	20.0	-4.9	50.0
o-Xylene	Ave	0.5699	0.5048		17.7	20.0	-11.4	50.0
Styrene	Ave	0.999	0.8933		17.9	20.0	-10.6	50.0
Amly acetate	Qua		1.575		19.2	20.0	-4.0	50.0
Bromoform	Qua		0.2385	0.1000	16.8	20.0	-15.8	50.0
Isopropylbenzene	Ave	1.475	1.272		17.2	20.0	-13.8	50.0
Camphene, Total	Qua		0.1065		17.1	20.0	-14.3	50.0
Monobromobenzene	Ave	0.8009	0.6692		16.7	20.0	-16.4	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8939	0.8000	0.3000	17.9	20.0	-10.5	50.0
N-Propylbenzene	Ave	3.089	2.611		16.9	20.0	-15.5	50.0
1,2,3-Trichloropropane	Ave	0.2690	0.2344		17.4	20.0	-12.8	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2972	0.2450		16.5	20.0	-17.6	50.0
2-Chlorotoluene	Ave	2.308	1.980		17.2	20.0	-14.2	50.0
p-Ethyltoluene	Ave	2.555	2.291		17.9	20.0	-10.4	50.0
1,3,5-Trimethylbenzene	Ave	2.157	1.796		16.7	20.0	-16.7	50.0
4-Chlorotoluene	Ave	2.188	1.830		16.7	20.0	-16.3	50.0
Butyl Methacrylate	Qua		0.8029		19.3	20.0	-3.3	50.0
tert-Butylbenzene	Ave	1.708	1.379		16.1	20.0	-19.3	50.0
1,2,4-Trimethylbenzene	Ave	2.312	1.928		16.7	20.0	-16.6	50.0
sec-Butylbenzene	Ave	2.313	1.875		16.2	20.0	-18.9	50.0
p-Isopropyltoluene	Ave	2.010	1.659		16.5	20.0	-17.5	50.0
1,3-Dichlorobenzene	Ave	1.349	1.155		17.1	20.0	-14.3	50.0
1,4-Dichlorobenzene	Ave	1.455	1.200		16.5	20.0	-17.5	50.0
Benzyl chloride	Qua		1.289		20.1	20.0	0.3	50.0
Indan	Ave	2.404	2.296		19.1	20.0	-4.5	50.0
1,4-Diethylbenzene	Ave	1.214	1.046		17.2	20.0	-13.8	50.0
n-Butylbenzene	Ave	2.255	1.824		16.2	20.0	-19.1	50.0
1,2-Dichlorobenzene	Ave	1.403	1.167		16.6	20.0	-16.8	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.956	1.705		17.4	20.0	-12.8	50.0
1,2-Dibromo-3-Chloropropane	Qua		0.1775		23.3	20.0	16.5	50.0
Camphor	Qua		0.0800		98.9	100	-1.1	50.0
1,2,4-Trichlorobenzene	Ave	0.7416	0.5471		14.8	20.0	-26.2	50.0
Hexachlorobutadiene	Qua		0.2525		17.8	20.0	-10.8	50.0
Naphthalene	Ave	1.677	1.467		17.5	20.0	-12.5	50.0
1,2,3-Trichlorobenzene	Ave	0.5290	0.4350		16.4	20.0	-17.8	50.0
Dibromofluoromethane (Surr)	Ave	0.3123	0.3171		50.8	50.0	1.5	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4635	0.4577		49.4	50.0	-1.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182095/3 Calibration Date: 09/19/2013 10:42

Instrument ID: CVOAMS2 Calib Start Date: 09/17/2013 21:05

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/18/2013 04:57

Lab File ID: B60669.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
Toluene-d8 (Surr)	Ave	1.249	1.234		49.4	50.0	-1.2	50.0
Bromofluorobenzene	Ave	0.4917	0.4621		47.0	50.0	-6.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182277/3 Calibration Date: 09/19/2013 23:35

Instrument ID: CVOAMS2 Calib Start Date: 09/17/2013 21:05

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/18/2013 04:57

Lab File ID: B60698.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
Chlorotrifluoroethene	Qua		0.0862		23.1	20.0	15.5	50.0
Dichlorodifluoromethane	Ave	0.4268	0.4428		20.8	20.0	3.8	50.0
Chloromethane	Ave	0.5180	0.4049	0.1000	15.6	20.0	-21.8	50.0
Vinyl chloride	Lin2		0.3424		20.4	20.0	1.8	20.0
Butadiene	Lin2		0.2331		20.9	20.0	4.6	50.0
Bromomethane	Lin2		0.2162		20.5	20.0	2.6	50.0
Chloroethane	Qua		0.1371		23.3	20.0	16.3	50.0
Dichlorofluoromethane	Ave	0.4465	0.4717		21.1	20.0	5.6	50.0
Trichlorofluoromethane	Ave	0.3472	0.3575		20.6	20.0	2.9	50.0
Ethanol	Ave	0.0684	0.0686		1000	1000	0.3	50.0
Ethyl ether	Lin2		0.1927		21.8	20.0	8.8	50.0
1,2-Dichlorotrifluoroethane	Qua		0.5400		23.1	20.0	15.5	50.0
Isopropene	Qua		0.5400		23.4	20.0	16.8	50.0
Acrolein	Lin2		0.6933		35.0	40.0	-12.5	50.0
Freon TF	Qua		0.1278		17.1	20.0	-14.3	50.0
1,1-Dichloroethene	Ave	0.1658	0.1868		22.5	20.0	12.7	20.0
Acetone	Ave	0.1435	0.1336		93.1	100	-6.9	50.0
Iodomethane	Ave	0.4166	0.4272		20.5	20.0	2.5	50.0
Carbon disulfide	Ave	0.6553	0.6369		19.4	20.0	-2.8	50.0
Isopropanol	Ave	0.7754	0.8227		212	200	6.1	50.0
Allyl chloride	Qua		0.2282		17.8	20.0	-10.9	50.0
Cyclopentene	Ave	0.5241	0.4133		15.8	20.0	-21.1	50.0
Methyl acetate	Ave	0.3053	0.3116		102	100	2.1	50.0
Acetonitrile	Qua		0.0460		153	200	-23.4	50.0
Methylene Chloride	Ave	0.2514	0.2911		23.2	20.0	15.8	50.0
TBA	Lin2		1.543		230	200	14.9	50.0
MTBE	Ave	0.4679	0.5125		21.9	20.0	9.5	50.0
trans-1,2-Dichloroethene	Ave	0.2120	0.2294		21.6	20.0	8.2	50.0
Acrylonitrile	Ave	0.1309	0.1318		201	200	0.6	50.0
Hexane	Ave	0.1832	0.1822		19.9	20.0	-0.5	50.0
DIPE	Ave	0.8407	0.8601		20.5	20.0	2.3	50.0
1,1-Dichloroethane	Ave	0.5065	0.5405	0.1000	21.3	20.0	6.7	50.0
Vinyl acetate	Ave	0.8146	0.9242		45.4	40.0	13.5	50.0
2-Chloro-1,3-butadiene	Ave	0.2030	0.1957		19.3	20.0	-3.6	50.0
Allyl alcohol	Qua		0.2186		660	500	32.0	50.0
Tert-butyl ethyl ether	Ave	0.4938	0.5236		21.2	20.0	6.0	50.0
2,2-Dichloropropane	Ave	0.2736	0.3047		22.3	20.0	11.4	50.0
cis-1,2-Dichloroethene	Ave	0.2727	0.2928		21.5	20.0	7.4	50.0
2-Butanone	Ave	1.362	1.437		106	100	5.5	50.0
Ethyl acetate	Ave	0.0287	0.0250		34.9	40.0	-12.9	50.0
Methyl acrylate	Ave	0.3198	0.2815		17.6	20.0	-12.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182277/3 Calibration Date: 09/19/2013 23:35

Instrument ID: CVOAMS2 Calib Start Date: 09/17/2013 21:05

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/18/2013 04:57

Lab File ID: B60698.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propionitrile	Ave	1.872	1.792		191	200	-4.3	50.0
Bromochloromethane	Ave	0.1594	0.1663		20.9	20.0	4.3	50.0
Tetrahydrofuran	Lin2		6.188		42.7	40.0	6.7	50.0
Methacrylonitrile	Ave	0.1313	0.1240		189	200	-5.6	50.0
Chloroform	Ave	0.5398	0.5858		21.7	20.0	8.5	20.0
Cyclohexane	Ave	0.2717	0.2898		21.3	20.0	6.7	50.0
1,1,1-Trichloroethane	Ave	0.3544	0.3731		21.1	20.0	5.3	50.0
Carbon tetrachloride	Ave	0.3316	0.3573		21.6	20.0	7.8	50.0
1,1-Dichloropropene	Ave	0.3796	0.4026		21.2	20.0	6.1	50.0
Benzene	Ave	1.237	1.325		21.4	20.0	7.1	50.0
Isobutyl alcohol	Ave	0.6289	0.6637		528	500	5.5	50.0
Tert-amyl methyl ether	Ave	0.5113	0.5389		21.1	20.0	5.4	50.0
1,2-Dichloroethane	Ave	0.5635	0.5772		20.5	20.0	2.4	50.0
Isopropyl acetate	Ave	0.9836	0.9519		19.4	20.0	-3.2	50.0
n-Heptane	Qua		0.1079		20.6	20.0	3.0	50.0
2,4,4-Trimethyl-1-pentene	Lin2		0.1534		42.2	40.0	5.4	50.0
Trichloroethene	Ave	0.3213	0.3141		19.5	20.0	-2.3	50.0
n-Butanol	Ave	0.3641	0.3030		416	500	-16.8	50.0
Methylcyclohexane	Ave	0.2189	0.2277		20.8	20.0	4.1	50.0
Ethyl acrylate	Ave	0.4787	0.4315		18.0	20.0	-9.9	50.0
1,2-Dichloropropane	Ave	0.3279	0.3351		20.4	20.0	2.2	20.0
Dibromomethane	Ave	0.2414	0.2422		20.1	20.0	0.3	50.0
Methyl methacrylate	Ave	0.0796	0.0714		35.9	40.0	-10.3	50.0
1,4-Dioxane	Ave	1.233	1.495		485	400	21.2	50.0
Propyl acetate	Ave	0.6002	0.5400		18.0	20.0	-10.0	50.0
Bromodichloromethane	Ave	0.4476	0.4425		19.8	20.0	-1.1	50.0
2-Nitropropane	Qua		0.0893		34.1	40.0	-14.6	50.0
2-Chloroethyl vinyl ether	Ave	0.2204	0.2026		18.4	20.0	-8.1	50.0
Epichlorohydrin	Ave	0.0465	0.0478		411	400	2.7	50.0
cis-1,3-Dichloropropene	Ave	0.5697	0.6099		21.4	20.0	7.0	50.0
4-Methyl-2-pentanone	Ave	0.5311	0.5635		106	100	6.1	50.0
Toluene	Ave	1.387	1.437		20.7	20.0	3.6	20.0
trans-1,3-Dichloropropene	Qua		0.5425		20.8	20.0	3.8	50.0
Ethyl methacrylate	Ave	0.4934	0.5173		21.0	20.0	4.9	50.0
1,1,2-Trichloroethane	Ave	0.3087	0.3202		20.7	20.0	3.7	50.0
Tetrachloroethene	Ave	0.3673	0.3713		20.2	20.0	1.1	50.0
1,3-Dichloropropane	Ave	0.6105	0.6426		21.1	20.0	5.3	50.0
2-Hexanone	Lin2		0.4054		103	100	2.6	50.0
Butyl acetate	Ave	0.0869	0.0798		18.4	20.0	-8.2	50.0
Dibromochloromethane	Ave	0.3985	0.4009		20.1	20.0	0.6	50.0
1,2-Dibromoethane	Ave	0.3877	0.4020		20.7	20.0	3.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182277/3 Calibration Date: 09/19/2013 23:35

Instrument ID: CVOAMS2 Calib Start Date: 09/17/2013 21:05

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/18/2013 04:57

Lab File ID: B60698.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
Chlorobenzene	Ave	0.9754	1.016	0.3000	20.8	20.0	4.2	50.0
Ethylbenzene	Ave	0.4739	0.4997		21.1	20.0	5.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3581	0.3770		21.1	20.0	5.3	50.0
m&p-Xylene	Ave	0.5800	0.6181		21.3	20.0	6.6	50.0
Butyl acrylate	Qua		0.2850		18.5	20.0	-7.4	50.0
o-Xylene	Ave	0.5699	0.6329		22.2	20.0	11.1	50.0
Styrene	Ave	0.999	1.112		22.3	20.0	11.4	50.0
Amly acetate	Qua		1.521		18.7	20.0	-6.7	50.0
Bromoform	Qua		0.2896	0.1000	19.7	20.0	-1.5	50.0
Isopropylbenzene	Ave	1.475	1.561		21.2	20.0	5.8	50.0
Camphene, Total	Qua		0.1074		17.3	20.0	-13.7	50.0
Monobromobenzene	Ave	0.8009	0.8422		21.0	20.0	5.1	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8939	0.9497	0.3000	21.2	20.0	6.2	50.0
N-Propylbenzene	Ave	3.089	3.240		21.0	20.0	4.9	50.0
1,2,3-Trichloropropane	Ave	0.2690	0.2862		21.3	20.0	6.4	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2972	0.3044		20.5	20.0	2.4	50.0
2-Chlorotoluene	Ave	2.308	2.387		20.7	20.0	3.4	50.0
p-Ethyltoluene	Ave	2.555	2.272		17.8	20.0	-11.1	50.0
1,3,5-Trimethylbenzene	Ave	2.157	2.295		21.3	20.0	6.4	50.0
4-Chlorotoluene	Ave	2.188	2.313		21.1	20.0	5.7	50.0
Butyl Methacrylate	Qua		0.7815		18.9	20.0	-5.5	50.0
tert-Butylbenzene	Ave	1.708	1.716		20.1	20.0	0.5	50.0
1,2,4-Trimethylbenzene	Ave	2.312	2.427		21.0	20.0	5.0	50.0
sec-Butylbenzene	Ave	2.313	2.340		20.2	20.0	1.2	50.0
p-Isopropyltoluene	Ave	2.010	2.055		20.4	20.0	2.2	50.0
1,3-Dichlorobenzene	Ave	1.349	1.436		21.3	20.0	6.5	50.0
1,4-Dichlorobenzene	Ave	1.455	1.492		20.5	20.0	2.5	50.0
Benzyl chloride	Qua		1.203		19.0	20.0	-5.1	50.0
Indan	Ave	2.404	2.255		18.8	20.0	-6.2	50.0
1,4-Diethylbenzene	Ave	1.214	1.044		17.2	20.0	-14.0	50.0
n-Butylbenzene	Ave	2.255	2.175		19.3	20.0	-3.6	50.0
1,2-Dichlorobenzene	Ave	1.403	1.473		21.0	20.0	5.0	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.956	1.725		17.6	20.0	-11.8	50.0
1,2-Dibromo-3-Chloropropane	Qua		0.1855		24.2	20.0	21.1	50.0
Camphor	Qua		0.0881		107	100	7.2	50.0
1,2,4-Trichlorobenzene	Ave	0.7416	0.7523		20.3	20.0	1.4	50.0
Hexachlorobutadiene	Qua		0.3124		21.6	20.0	8.0	50.0
Naphthalene	Ave	1.677	1.979		23.6	20.0	18.0	50.0
1,2,3-Trichlorobenzene	Ave	0.5290	0.6012		22.7	20.0	13.7	50.0
Dibromofluoromethane (Surr)	Ave	0.3123	0.3156		50.5	50.0	1.1	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4635	0.4622		49.9	50.0	-0.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182277/3 Calibration Date: 09/19/2013 23:35

Instrument ID: CVOAMS2 Calib Start Date: 09/17/2013 21:05

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/18/2013 04:57

Lab File ID: B60698.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
Toluene-d8 (Surr)	Ave	1.249	1.245		49.9	50.0	-0.3	50.0
Bromofluorobenzene	Ave	0.4917	0.4667		47.5	50.0	-5.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-181697/3 Calibration Date: 09/17/2013 09:34

Instrument ID: CVOAMS8 Calib Start Date: 08/23/2013 12:47

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/23/2013 14:51

Lab File ID: J04325.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	0.3247	0.3240		20.0	20.0	-0.2	50.0
Chloromethane	Ave	0.4045	0.3586	0.1000	17.7	20.0	-11.3	50.0
Vinyl chloride	Ave	0.3316	0.2902		17.5	20.0	-12.5	20.0
Butadiene	Ave	0.2913	0.2421		16.6	20.0	-16.9	50.0
Bromomethane	Lin2		0.1281		16.2	20.0	-18.8	50.0
Chloroethane	Ave	0.1864	0.1642		17.6	20.0	-11.9	50.0
Dichlorofluoromethane	Ave	0.5117	0.4553		17.8	20.0	-11.0	50.0
Trichlorofluoromethane	Ave	0.4403	0.3748		17.0	20.0	-14.9	50.0
Ethanol	Qua		0.0553		997	1000	-0.3	50.0
Ethyl ether	Ave	0.2269	0.2154		19.0	20.0	-5.1	50.0
Isopropene	Ave	0.3414	0.3539		20.7	20.0	3.7	50.0
Freon TF	Lin2		0.2134		19.9	20.0	-0.6	50.0
Acrolein	Lin2		0.9474		40.9	40.0	2.3	50.0
1,1-Dichloroethene	Ave	0.2094	0.1886		18.0	20.0	-9.9	20.0
Acetone	Lin2		0.1278		111	100	11.2	50.0
Iodomethane	Ave	0.2726	0.1988		14.6	20.0	-27.1	50.0
Isopropanol	Ave	0.7038	0.6922		197	200	-1.7	50.0
Carbon disulfide	Ave	0.7005	0.6585		18.8	20.0	-6.0	50.0
Allyl chloride	Ave	0.1241	0.1198		19.3	20.0	-3.5	50.0
Methyl acetate	Ave	0.2850	0.3046		107	100	6.9	50.0
Cyclopentene	Ave	0.6489	0.6274		19.3	20.0	-3.3	50.0
Acetonitrile	Ave	0.0581	0.0563		194	200	-3.0	50.0
Methylene Chloride	Ave	0.2605	0.2442		18.7	20.0	-6.3	50.0
TBA	Qua		1.064		198	200	-0.8	50.0
MTBE	Ave	0.7430	0.6557		17.7	20.0	-11.7	50.0
trans-1,2-Dichloroethene	Ave	0.2336	0.2145		18.4	20.0	-8.2	50.0
Acrylonitrile	Ave	0.1222	0.1232		202	200	0.8	50.0
Allyl alcohol	Ave	0.4112	0.3802		462	500	-7.5	50.0
Hexane	Ave	0.2723	0.2437		17.9	20.0	-10.5	50.0
DIPE	Ave	1.043	0.8674		16.6	20.0	-16.8	50.0
1,1-Dichloroethane	Ave	0.5065	0.4699	0.1000	18.6	20.0	-7.2	50.0
Vinyl acetate	Ave	0.5602	0.6417		45.8	40.0	14.5	50.0
2-Chloro-1,3-butadiene	Ave	0.2048	0.1845		18.0	20.0	-9.9	50.0
Tert-butyl ethyl ether	Ave	0.8665	0.6767		15.6	20.0	-21.9	50.0
2,2-Dichloropropane	Ave	0.3284	0.3121		19.0	20.0	-5.0	50.0
cis-1,2-Dichloroethene	Ave	0.2573	0.2293		17.8	20.0	-10.9	50.0
2-Butanone	Ave	0.0348	0.0309		88.7	100	-11.3	50.0
Ethyl acetate	Ave	0.7403	0.7135		38.6	40.0	-3.6	50.0
Propionitrile	Ave	1.903	1.747		184	200	-8.2	50.0
Bromochloromethane	Ave	0.1158	0.1173		20.2	20.0	1.2	50.0
Tetrahydrofuran	Lin2		5.505		37.9	40.0	-5.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-181697/3 Calibration Date: 09/17/2013 09:34

Instrument ID: CVOAMS8 Calib Start Date: 08/23/2013 12:47

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/23/2013 14:51

Lab File ID: J04325.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
Methacrylonitrile	Ave	0.1303	0.1213		186	200	-6.9	50.0
Chloroform	Ave	0.4507	0.4361		19.4	20.0	-3.2	20.0
Cyclohexane	Lin2		0.3393		16.7	20.0	-16.4	50.0
1,1,1-Trichloroethane	Ave	0.3151	0.3177		20.2	20.0	0.8	50.0
Carbon tetrachloride	Qua		0.2354		21.1	20.0	5.6	50.0
1,1-Dichloropropene	Ave	0.3027	0.2741		18.1	20.0	-9.5	50.0
Isobutyl alcohol	Qua		0.4435		862	500	72.4*	50.0
Benzene	Ave	1.380	1.269		18.4	20.0	-8.0	50.0
Isopropyl acetate	Ave	0.9114	0.7965		17.5	20.0	-12.6	50.0
Tert-amyl methyl ether	Ave	0.7407	0.5821		15.7	20.0	-21.4	50.0
1,2-Dichloroethane	Ave	0.4081	0.3966		19.4	20.0	-2.8	50.0
n-Heptane	Ave	0.1158	0.0959		16.6	20.0	-17.2	50.0
2,4,4-Trimethyl-1-pentene	Lin2		0.3440		30.3	40.0	-24.3	50.0
n-Butanol	Qua		0.2232		528	500	5.6	50.0
Trichloroethene	Ave	0.2326	0.2157		18.5	20.0	-7.3	50.0
Ethyl acrylate	Ave	0.6256	0.5449		17.4	20.0	-12.9	50.0
Methylcyclohexane	Lin2		0.2296		16.0	20.0	-20.0	50.0
1,2-Dichloropropane	Ave	0.2731	0.2389		17.5	20.0	-12.5	20.0
Methyl methacrylate	Ave	0.0720	0.0656		36.4	40.0	-8.9	50.0
1,4-Dioxane	Ave	1.012	1.030		407	400	1.8	50.0
Propyl acetate	Ave	0.5034	0.4887		19.4	20.0	-2.9	50.0
Dibromomethane	Ave	0.1622	0.1567		19.3	20.0	-3.4	50.0
Bromodichloromethane	Ave	0.3048	0.2874		18.9	20.0	-5.7	50.0
2-Chloroethyl vinyl ether	Ave	0.2025	0.1465		14.5	20.0	-27.7	50.0
2-Nitropropane	Qua		0.0613		57.0	40.0	42.4	50.0
Epichlorohydrin	Ave	0.0424	0.0416		392	400	-1.9	50.0
cis-1,3-Dichloropropene	Ave	0.5467	0.4833		17.7	20.0	-11.6	50.0
4-Methyl-2-pentanone	Ave	0.4584	0.4356		95.0	100	-5.0	50.0
Toluene	Ave	1.316	1.189		18.1	20.0	-9.6	20.0
trans-1,3-Dichloropropene	Ave	0.4955	0.3991		16.1	20.0	-19.5	50.0
Ethyl methacrylate	Qua		0.2649		17.0	20.0	-15.1	50.0
1,1,2-Trichloroethane	Ave	0.2697	0.2561		19.0	20.0	-5.0	50.0
Tetrachloroethene	Ave	0.2706	0.2737		20.2	20.0	1.2	50.0
1,3-Dichloropropane	Ave	0.5757	0.4863		16.9	20.0	-15.5	50.0
2-Hexanone	Ave	0.1574	0.1347		85.6	100	-14.4	50.0
Butyl acetate	Ave	0.6484	0.5136		15.8	20.0	-20.8	50.0
Dibromochloromethane	Qua		0.2584		20.9	20.0	4.3	50.0
1,2-Dibromoethane	Ave	0.3041	0.2814		18.5	20.0	-7.5	50.0
Chlorobenzene	Ave	0.8365	0.7847	0.3000	18.8	20.0	-6.2	50.0
Ethylbenzene	Ave	0.4230	0.3548		16.8	20.0	-16.1	20.0
1,1,1,2-Tetrachloroethane	Qua		0.2443		20.0	20.0	0.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-181697/3 Calibration Date: 09/17/2013 09:34

Instrument ID: CVOAMS8 Calib Start Date: 08/23/2013 12:47

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/23/2013 14:51

Lab File ID: J04325.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
m&p-Xylene	Ave	0.5325	0.4557		17.1	20.0	-14.4	50.0
Butyl acrylate	Qua		0.1751		16.2	20.0	-19.0	50.0
o-Xylene	Ave	0.5405	0.4890		18.1	20.0	-9.5	50.0
Styrene	Ave	0.9118	0.8402		18.4	20.0	-7.8	50.0
Amly acetate	Qua		1.005		15.9	20.0	-20.7	50.0
Bromoform	Qua		0.1651	0.1000	22.4	20.0	12.1	50.0
Isopropylbenzene	Ave	1.179	1.072		18.2	20.0	-9.0	50.0
Camphene, Total	Lin2		0.0990		16.3	20.0	-18.5	50.0
Monobromobenzene	Ave	0.6602	0.6040		18.3	20.0	-8.5	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7731	0.7044	0.3000	18.2	20.0	-8.9	50.0
N-Propylbenzene	Ave	2.765	2.311		16.7	20.0	-16.4	50.0
1,2,3-Trichloropropane	Ave	0.2221	0.2016		18.2	20.0	-9.2	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2788	0.2433		17.5	20.0	-12.7	50.0
2-Chlorotoluene	Ave	2.091	1.790		17.1	20.0	-14.4	50.0
p-Ethyltoluene	Ave	2.310	2.023		17.5	20.0	-12.4	50.0
1,3,5-Trimethylbenzene	Ave	1.933	1.603		16.6	20.0	-17.1	50.0
4-Chlorotoluene	Ave	1.966	1.690		17.2	20.0	-14.0	50.0
Butyl Methacrylate	Qua		0.5457		15.4	20.0	-23.0	50.0
tert-Butylbenzene	Ave	1.426	1.158		16.2	20.0	-18.8	50.0
1,2,4-Trimethylbenzene	Ave	2.020	1.776		17.6	20.0	-12.1	50.0
sec-Butylbenzene	Lin2		1.653		15.6	20.0	-21.8	50.0
1,3-Dichlorobenzene	Ave	1.246	1.142		18.3	20.0	-8.4	50.0
p-Isopropyltoluene	Ave	1.814	1.442		15.9	20.0	-20.5	50.0
1,4-Dichlorobenzene	Ave	1.288	1.181		18.3	20.0	-8.4	50.0
Benzyl chloride	Qua		0.9226		16.5	20.0	-17.5	50.0
Indan	Ave	2.141	1.864		17.4	20.0	-12.9	50.0
1,4-Diethylbenzene	Ave	1.113	0.9310		16.7	20.0	-16.3	50.0
n-Butylbenzene	Ave	2.171	1.833		16.9	20.0	-15.6	50.0
1,2-Dichlorobenzene	Ave	1.187	1.090		18.4	20.0	-8.2	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.760	1.302		14.8	20.0	-26.0	50.0
1,2-Dibromo-3-Chloropropane	Qua		0.1323		18.4	20.0	-7.9	50.0
1,3,5-Trichlorobenzene	Ave	0.8351	0.6755		16.2	20.0	-19.1	50.0
Camphor	Qua		0.0533		72.9	100	-27.1	50.0
1,2,4-Trichlorobenzene	Ave	0.7835	0.7130		18.2	20.0	-9.0	50.0
Hexachlorobutadiene	Ave	0.2345	0.2276		19.4	20.0	-3.0	50.0
Naphthalene	Ave	2.260	2.025		17.9	20.0	-10.4	50.0
1,2,3-Trichlorobenzene	Ave	0.7396	0.6464		17.5	20.0	-12.6	50.0
Dibromofluoromethane (Surr)	Ave	0.2588	0.2672		51.6	50.0	3.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3966	0.3991		50.3	50.0	0.6	50.0
Toluene-d8 (Surr)	Ave	1.398	1.368		48.9	50.0	-2.2	50.0
Bromofluorobenzene	Ave	0.3871	0.4234		54.7	50.0	9.4	50.0

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76495.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	06-Aug-2013 19:16:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	460-0003227-001		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	99
Lims Batch ID:	174731	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\8260S_12.m		
Last Update:	07-Aug-2013 16:24:36	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK006		
First Level Reviewer: tupayachia		Date:	06-Aug-2013 19:34:09

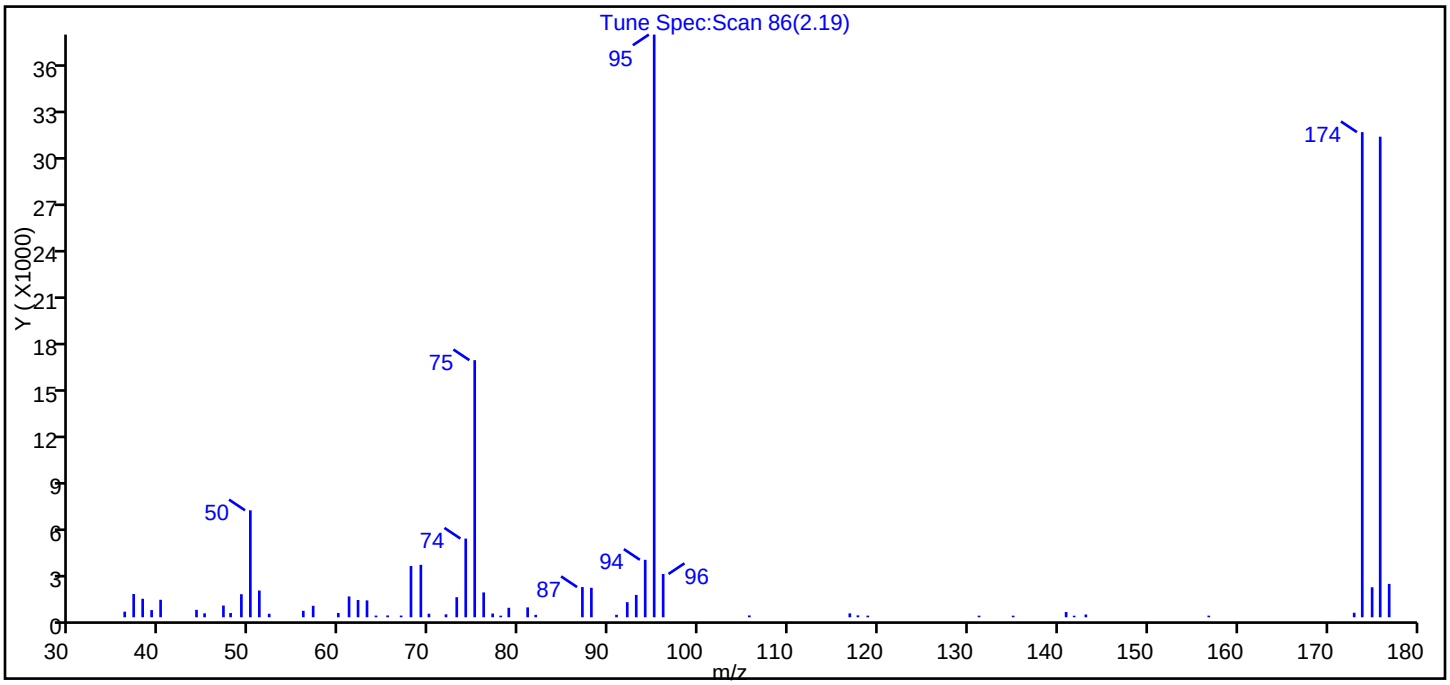
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	2.201	2.201	0.0	95	56839	0	

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76495.D		
Injection Date:	06-Aug-2013 19:16:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	174731	Lims Sample ID:	1
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm
Tune Method:	BFB Method 8260		

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.36
75	30.00 - 60.00% of mass 95	44.12
96	5.00 - 9.00% of mass 95	7.43
173	Less than 2.00% of mass 174	0.77 (0.92)
174	Greater than 50.00% of mass 95	83.26
175	5.00 - 9.00% of mass 174	5.15 (6.18)
176	95.00 - 101.00% of mass 174	82.48 (99.06)
177	5.00 - 9.00% of mass 176	5.72 (6.93)

Data File: \\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76495.D\8260S_12.rslt\spectra.d
Injection Date: 06-Aug-2013 19:16:30
Spectrum: Tune Spec:Scan 86(2.19)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 58

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	362	59.80	277	77.00	242	117.70	122
37.00	1505	61.00	1347	77.90	105	118.80	105
38.00	1197	62.00	1116	78.80	614	131.20	103
39.00	464	63.00	1092	80.90	639	135.00	102
40.00	1132	64.00	108	81.80	157	140.90	342
44.00	480	65.30	117	87.00	1955	141.80	100
44.90	254	66.80	110	88.00	1909	143.10	178
47.00	757	67.90	3318	90.80	160	156.80	104
47.80	275	69.00	3394	92.00	977	173.00	290
49.00	1492	69.90	228	93.00	1446	173.90	31400
50.00	6923	71.80	189	94.00	3718	175.00	1942
51.00	1730	73.00	1298	95.00	37712	175.90	31104
52.10	226	74.00	5093	96.00	2801	176.90	2157
55.90	418	75.00	16640	105.60	117		
57.00	741	76.00	1607	116.80	252		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77908.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	16-Sep-2013 15:45:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	460-0004675-001		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	99
Lims Batch ID:	181583	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m		
Last Update:	17-Sep-2013 06:59:35	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK040		
First Level Reviewer: delpolitov		Date:	17-Sep-2013 06:49:38

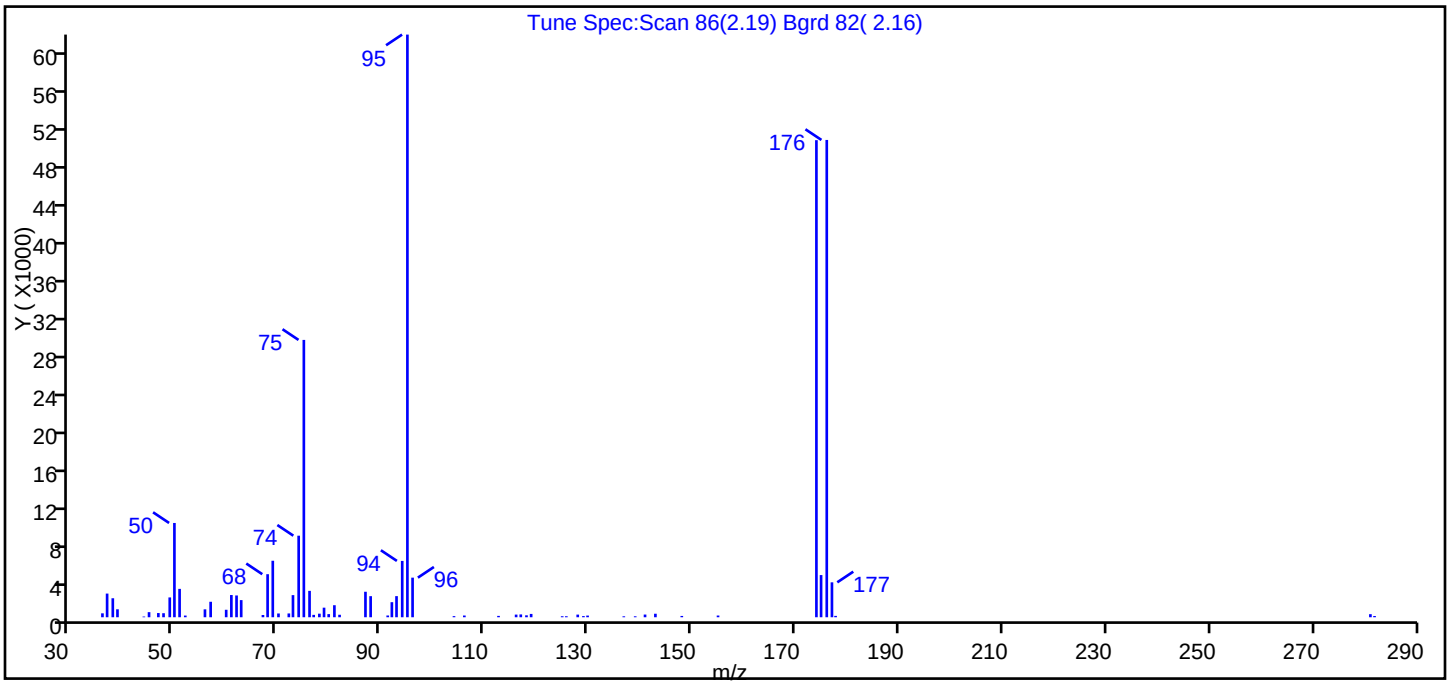
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	2.193	2.193	0.0	89	65834	0	

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77908.D		
Injection Date:	16-Sep-2013 15:45:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	1
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm
Tune Method:	BFB Method 8260		

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.18
75	30.00 - 60.00% of mass 95	47.60
96	5.00 - 9.00% of mass 95	6.80
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	81.88
175	5.00 - 9.00% of mass 174	7.24 (8.84)
176	95.00 - 101.00% of mass 174	81.92 (100.05)
177	5.00 - 9.00% of mass 176	6.00 (7.32)

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77908.D\8260S_12.rslt\spectra.d
Injection Date: 16-Sep-2013 15:45:30
Spectrum: Tune Spec:Scan 86(2.19) Bgrd 82(2.16)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 66

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	418	62.90	1824	87.90	2244	129.00	123
37.00	2519	67.10	240	91.20	187	129.80	179
38.10	2022	68.00	4581	92.00	1603	136.80	100
39.00	847	69.00	6011	92.90	2248	139.00	102
44.10	75	70.10	401	94.00	5993	140.90	288
45.10	541	72.10	405	95.00	61984	142.90	375
46.90	448	72.90	2354	96.00	4213	148.00	140
47.90	430	74.00	8677	104.00	119	155.00	184
49.10	2109	75.00	29504	106.00	185	174.00	50752
50.00	10030	76.10	2808	112.60	146	174.90	4488
51.00	3019	76.90	254	116.00	283	176.00	50776
52.10	180	78.00	380	116.90	301	177.00	3716
55.90	843	78.90	1020	118.00	208	177.70	146
57.00	1647	79.80	335	118.90	354	281.00	327
60.00	796	80.90	1281	124.90	108	281.80	131
61.00	2364	81.90	265	125.70	107		
62.00	2318	86.90	2713	127.90	282		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77937.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	17-Sep-2013 04:35:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	460-0004695-001		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	99
Lims Batch ID:	181663	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\8260S_12.m		
Last Update:	17-Sep-2013 14:51:53	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK036		
First Level Reviewer: tupayachia		Date:	17-Sep-2013 14:51:53

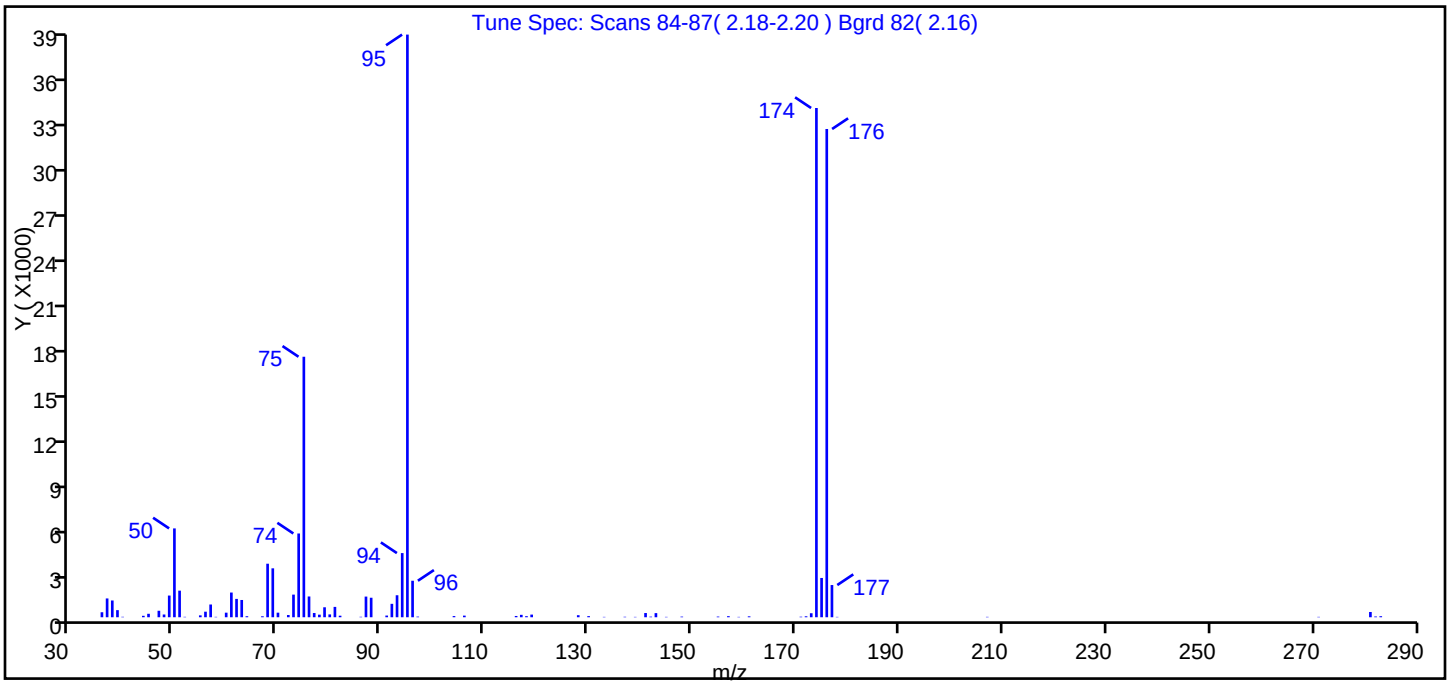
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	2.194	2.194	0.0	92	71964	0	

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77937.D		
Injection Date:	17-Sep-2013 04:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	1
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm
Tune Method:	BFB Method 8260		

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.25
75	30.00 - 60.00% of mass 95	44.71
96	5.00 - 9.00% of mass 95	6.27
173	Less than 2.00% of mass 174	0.69 (0.79)
174	Greater than 50.00% of mass 95	87.40
175	5.00 - 9.00% of mass 174	6.74 (7.72)
176	95.00 - 101.00% of mass 174	83.80 (95.88)
177	5.00 - 9.00% of mass 176	5.53 (6.60)

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77937.D\8260S_12.rslt\spectra.d
Injection Date: 17-Sep-2013 04:35:30
Spectrum: Tune Spec: Scans 84-87(2.18-2.20) Bgrd 82(2.16)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 80

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	330	63.00	1139	91.00	112	143.00	273
37.00	1240	64.00	68	92.00	885	145.00	26
38.00	1106	67.00	64	93.00	1451	148.00	43
39.00	469	68.00	3530	94.00	4231	155.00	46
40.00	30	69.00	3226	95.00	38416	157.00	71
44.00	95	70.00	302	96.00	2407	159.00	25
45.00	229	72.00	147	97.00	43	161.00	60
47.00	428	73.00	1493	104.00	78	171.00	37
48.00	182	74.00	5523	106.00	108	172.00	64
49.00	1431	75.00	17176	116.00	84	173.00	265
50.00	5858	76.00	1370	117.00	160	174.00	33576
51.00	1754	77.00	280	118.00	71	175.00	2591
52.00	28	78.00	171	119.00	176	176.00	32192
55.00	124	79.00	658	128.00	135	177.00	2124
56.00	367	80.00	187	130.00	74	178.00	25
57.00	841	81.00	683	133.00	25	207.00	27
58.00	27	82.00	102	137.00	32	271.00	26
60.00	302	86.00	31	139.00	25	281.00	347
61.00	1630	87.00	1363	141.00	279	282.00	50
62.00	1210	88.00	1287	142.00	41	283.00	69

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77962.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	17-Sep-2013 15:27:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	460-0004727-001		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	99
Lims Batch ID:	181813	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\8260S_12.m		
Last Update:	18-Sep-2013 11:21:46	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK034		
First Level Reviewer: tupayachia		Date:	18-Sep-2013 11:21:46

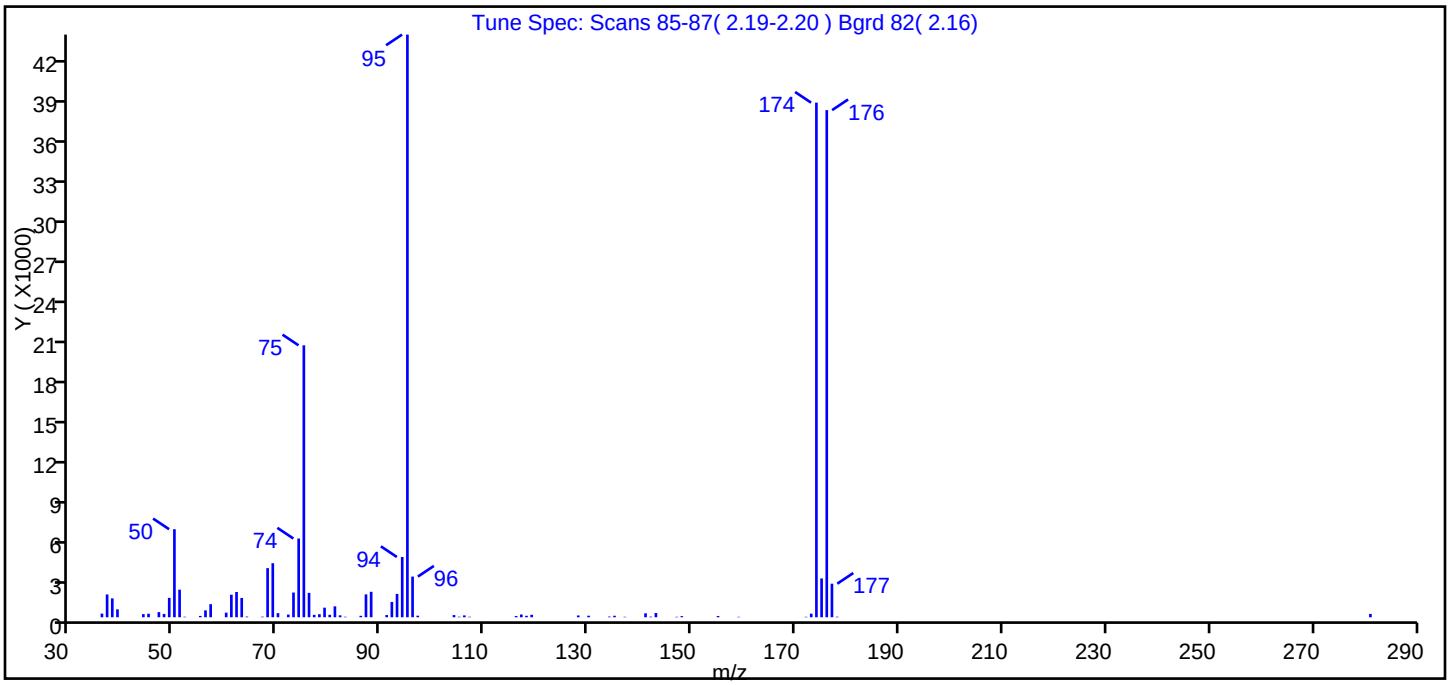
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	2.194	2.194	0.0	88	64394	0	

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77962.D		
Injection Date:	17-Sep-2013 15:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	1
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm
Tune Method:	BFB Method 8260		

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.11
75	30.00 - 60.00% of mass 95	46.67
96	5.00 - 9.00% of mass 95	6.98
173	Less than 2.00% of mass 174	0.62 (0.70)
174	Greater than 50.00% of mass 95	88.32
175	5.00 - 9.00% of mass 174	6.66 (7.54)
176	95.00 - 101.00% of mass 174	87.04 (98.54)
177	5.00 - 9.00% of mass 176	5.76 (6.62)

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77962.D\8260S_12.rslt\spectra.d
Injection Date: 17-Sep-2013 15:27:30
Spectrum: Tune Spec: Scans 85-87(2.19-2.20) Bgrd 82(2.16)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 74

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	273	64.00	52	88.00	1901	135.00	113
37.00	1704	67.00	43	91.00	165	137.00	34
38.00	1409	68.00	3669	92.00	1144	141.00	295
39.00	589	69.00	4035	93.00	1744	142.00	47
44.00	235	70.00	308	94.00	4499	143.00	317
45.00	264	72.00	200	95.00	43504	147.00	35
47.00	384	73.00	1846	96.00	3037	148.00	84
48.00	250	74.00	5879	97.00	117	155.00	92
49.00	1447	75.00	20304	104.00	163	159.00	33
50.00	6573	76.00	1820	105.00	41	172.00	35
51.00	2059	77.00	179	106.00	138	173.00	269
52.00	37	78.00	227	107.00	39	174.00	38424
55.00	99	79.00	715	116.00	96	175.00	2898
56.00	514	80.00	182	117.00	206	176.00	37864
57.00	977	81.00	815	118.00	109	177.00	2506
60.00	345	82.00	144	119.00	184	178.00	42
61.00	1682	83.00	38	128.00	134	281.00	250
62.00	1887	86.00	109	130.00	116		
63.00	1442	87.00	1707	134.00	51		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78095.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	20-Sep-2013 04:38:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	460-0004833-001		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	99
Lims Batch ID:	182287	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\8260S_12.m		
Last Update:	20-Sep-2013 10:20:44	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK016		
First Level Reviewer: delpolitov		Date:	20-Sep-2013 10:20:44

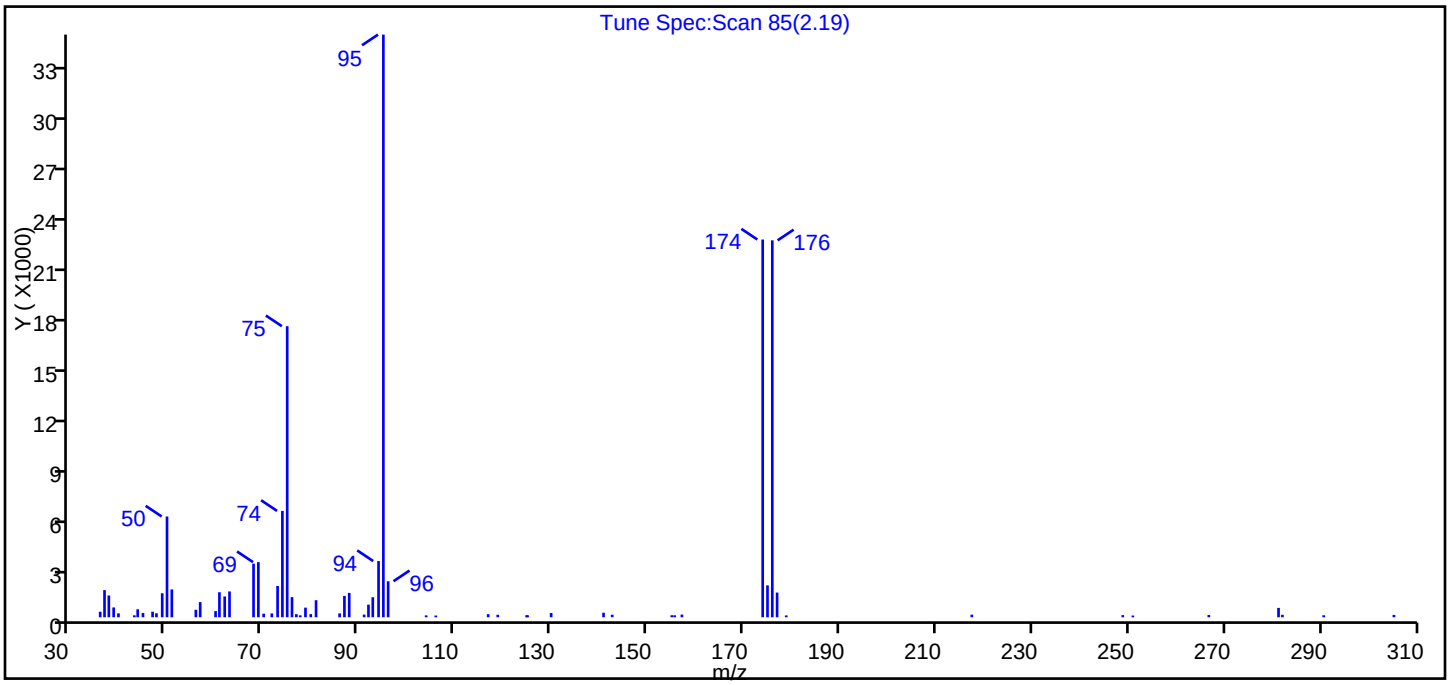
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	2.194	2.194	0.0	91	75532	0	

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78095.D		
Injection Date:	20-Sep-2013 04:38:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	1
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.29
75	30.00 - 60.00% of mass 95	49.95
96	5.00 - 9.00% of mass 95	6.18
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	64.83
175	5.00 - 9.00% of mass 174	5.48 (8.45)
176	95.00 - 101.00% of mass 174	64.69 (99.78)
177	5.00 - 9.00% of mass 176	4.24 (6.55)

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78095.D\8260S_12.rslt\spectra.d
Injection Date: 20-Sep-2013 04:38:30
Spectrum: Tune Spec:Scan 85(2.19)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 66

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	323	62.00	1217	87.90	1425	155.60	114
37.00	1588	63.00	1511	91.00	154	157.10	157
37.90	1274	68.00	3135	91.90	738	173.90	22104
38.90	574	69.00	3226	92.80	1172	174.90	1867
39.90	226	70.10	208	94.00	3288	175.90	22056
43.20	113	71.80	224	95.00	34096	176.90	1445
43.90	467	73.00	1831	96.00	2108	178.80	108
45.00	252	74.00	6223	103.90	110	217.40	152
47.00	325	75.00	17032	105.90	101	248.80	126
47.80	234	76.00	1179	116.80	180	250.90	101
49.00	1406	76.90	181	118.80	144	266.70	132
50.00	5896	77.70	113	124.80	117	281.20	548
51.00	1629	78.80	563	125.00	115	282.00	146
56.00	438	79.90	184	129.90	248	290.60	117
56.90	887	81.00	998	140.80	264	305.20	138
60.10	360	85.90	227	142.60	149		
60.90	1465	86.90	1249	155.00	119		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4744.b\B60587.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	17-Sep-2013 20:07:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	460-0004744-001 =460-0004738-001		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	99
Lims Batch ID:	181873	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130918-4744.b\8260W_2.m		
Last Update:	18-Sep-2013 07:34:06	Calib Date:	18-Sep-2013 04:57:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4744.b\B60605.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK035		

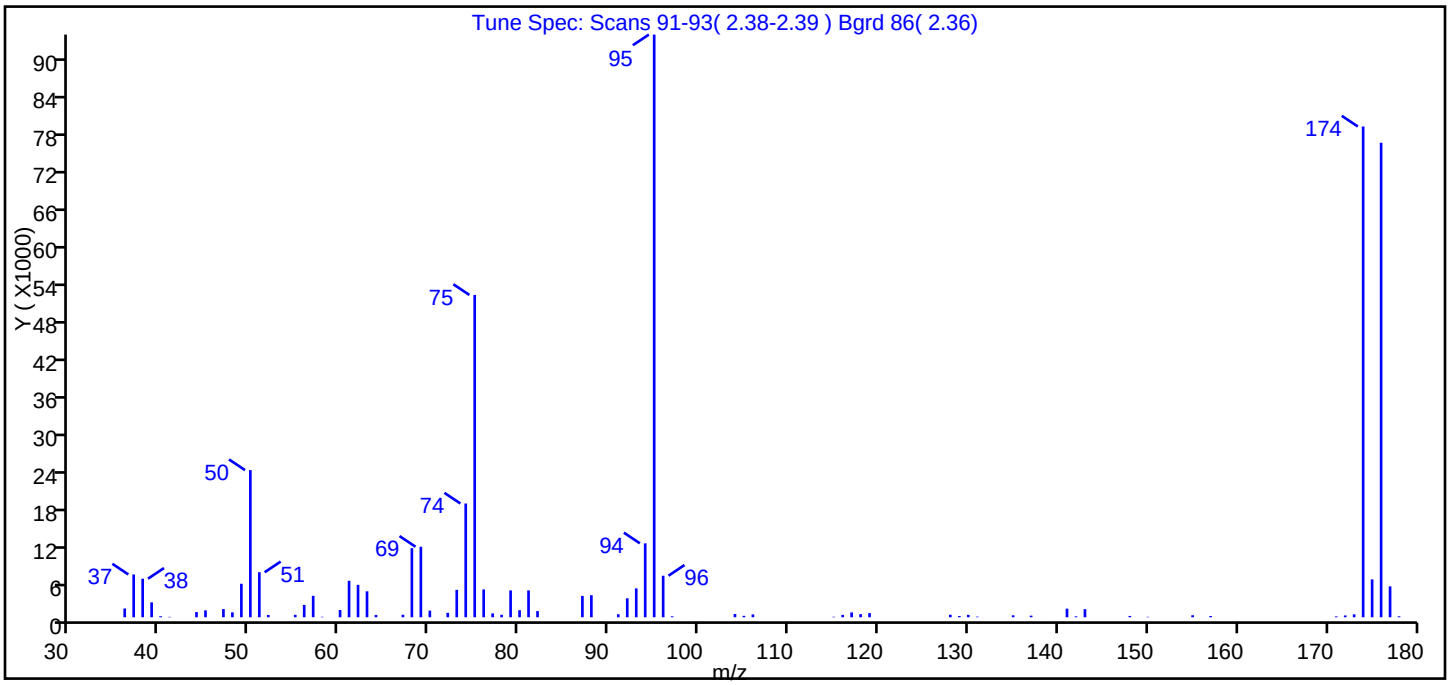
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 151 BFB	95	2.381	2.381	0.0	88	109220	0	

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4744.b\B60587.D		
Injection Date:	17-Sep-2013 20:07:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS2
Lims Batch ID:	181873	Lims Sample ID:	1
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm
Tune Method:	BFB Method 8260		

$ 151 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	25.26
75	30.00 - 60.00% of mass 95	55.32
96	5.00 - 9.00% of mass 95	7.13
173	Less than 2.00% of mass 174	0.50 (0.59)
174	Greater than 50.00% of mass 95	84.23
175	5.00 - 9.00% of mass 174	6.49 (7.71)
176	95.00 - 101.00% of mass 174	81.43 (96.68)
177	5.00 - 9.00% of mass 176	5.29 (6.50)

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4744.b\B60587.D\8260W_2.rslt\spectra.d
Injection Date: 17-Sep-2013 20:07:30
Spectrum: Tune Spec: Scans 91-93(2.38-2.39) Bgrd 86(2.36)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 76

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1397	61.00	5829	87.00	3409	130.00	382
37.00	6834	62.00	5177	88.00	3518	131.00	99
38.00	6155	63.00	4146	91.00	480	135.00	310
39.00	2379	64.00	371	92.00	3029	137.00	257
40.00	164	67.00	400	93.00	4609	141.00	1374
41.00	69	68.00	11035	94.00	11807	142.00	154
44.00	827	69.00	11260	95.00	93064	143.00	1294
45.00	1106	70.00	1062	96.00	6637	148.00	211
47.00	1305	72.00	705	97.00	153	150.00	68
48.00	782	73.00	4373	104.00	515	155.00	324
49.00	5351	74.00	18168	105.00	227	157.00	194
50.00	23504	75.00	51480	106.00	455	171.00	140
51.00	7188	76.00	4439	115.00	79	172.00	287
52.00	367	77.00	617	116.00	383	173.00	465
55.00	387	78.00	393	117.00	775	174.00	78384
56.00	1969	79.00	4289	118.00	499	175.00	6043
57.00	3426	80.00	1128	119.00	662	176.00	75784
58.00	78	81.00	4291	128.00	399	177.00	4927
60.00	1164	82.00	989	129.00	190	178.00	153

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60667.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	19-Sep-2013 09:40:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	460-0004800-001		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	99
Lims Batch ID:	182095	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\8260W_2.m		
Last Update:	19-Sep-2013 15:23:45	Calib Date:	18-Sep-2013 04:57:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4744.b\B60605.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK051		
First Level Reviewer: desais		Date:	19-Sep-2013 10:03:11

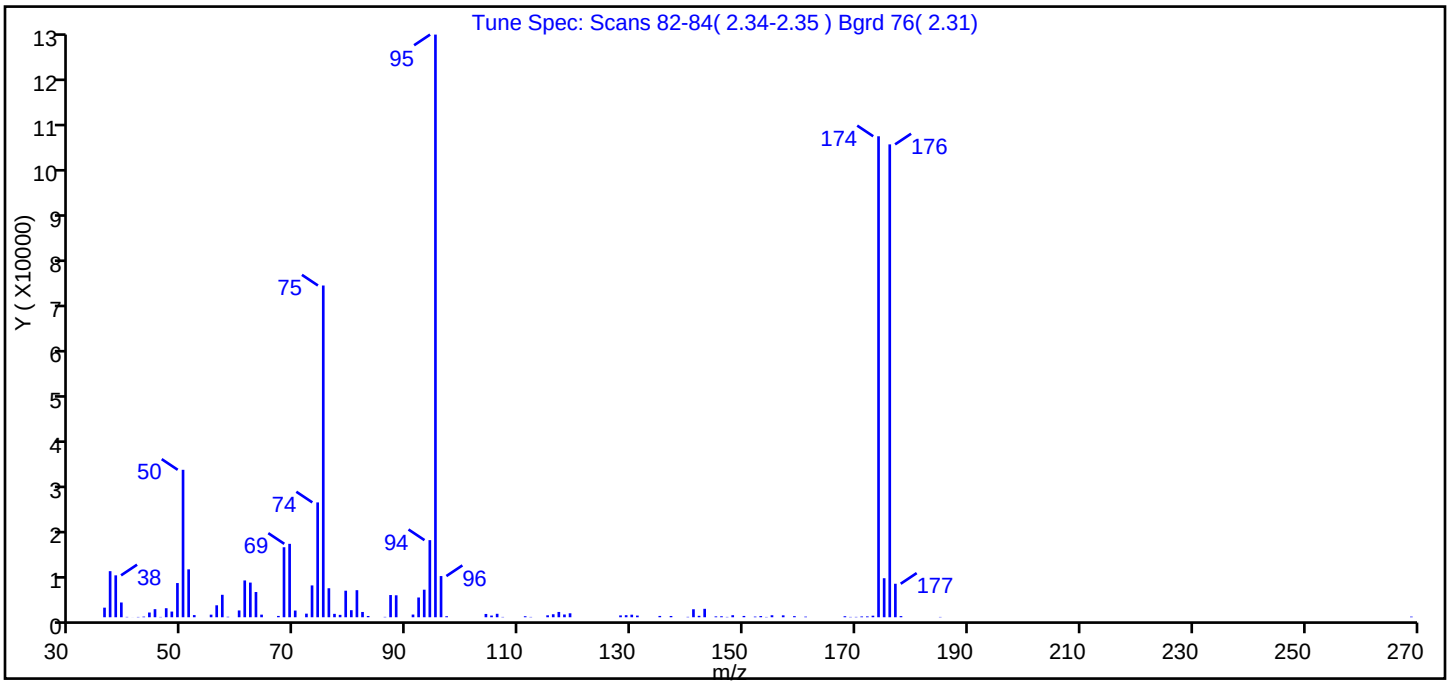
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 151 BFB	95	2.342	2.342	0.0	87	149304	0	

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60667.D		
Injection Date:	19-Sep-2013 09:40:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	1
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm
Tune Method:	BFB Method 8260		

$ 151 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	25.31
75	30.00 - 60.00% of mass 95	56.94
96	5.00 - 9.00% of mass 95	7.07
173	Less than 2.00% of mass 174	0.26 (0.32)
174	Greater than 50.00% of mass 95	82.55
175	5.00 - 9.00% of mass 174	6.70 (8.12)
176	95.00 - 101.00% of mass 174	81.16 (98.31)
177	5.00 - 9.00% of mass 176	5.75 (7.08)

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60667.D\8260W_2.rslt\spectra.d
Injection Date: 19-Sep-2013 09:40:30
Spectrum: Tune Spec: Scans 82-84(2.34-2.35) Bgrd 76(2.31)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 98

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2121	64.00	578	96.00	9108	147.00	79
37.00	10189	67.00	293	97.00	224	148.00	450
38.00	9266	68.00	15478	104.00	731	150.00	290
39.00	3266	69.00	16233	105.00	374	152.00	149
40.00	82	70.00	1483	106.00	767	153.00	273
41.00	11	72.00	799	107.00	74	154.00	70
42.00	72	73.00	7039	111.00	227	155.00	443
43.00	143	74.00	25392	112.00	73	157.00	422
44.00	1046	75.00	73344	115.00	431	159.00	248
45.00	1785	76.00	6412	116.00	664	161.00	141
46.00	74	77.00	755	117.00	1173	168.00	229
47.00	1998	78.00	527	118.00	610	169.00	77
48.00	1258	79.00	5870	119.00	878	170.00	83
49.00	7563	80.00	1562	128.00	407	171.00	177
50.00	32600	81.00	5987	129.00	456	172.00	188
51.00	10594	82.00	1170	130.00	565	173.00	341
52.00	479	83.00	274	131.00	371	174.00	106336
55.00	572	86.00	83	135.00	293	175.00	8632
56.00	2645	87.00	4912	137.00	281	176.00	104544
57.00	4966	88.00	4857	140.00	89	177.00	7406
58.00	110	91.00	598	141.00	1769	178.00	256
60.00	1505	92.00	4370	142.00	316	185.00	72
61.00	8138	93.00	6095	143.00	1864	269.00	141
62.00	7664	94.00	17048	145.00	193		
63.00	5582	95.00	128816	146.00	219		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60696.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	19-Sep-2013 22:50:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	460-0004826-001		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	99
Lims Batch ID:	182277	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\8260W_2.m		
Last Update:	20-Sep-2013 11:00:49	Calib Date:	18-Sep-2013 04:57:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4744.b\B60605.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK006		
First Level Reviewer: boykink		Date:	19-Sep-2013 22:58:13

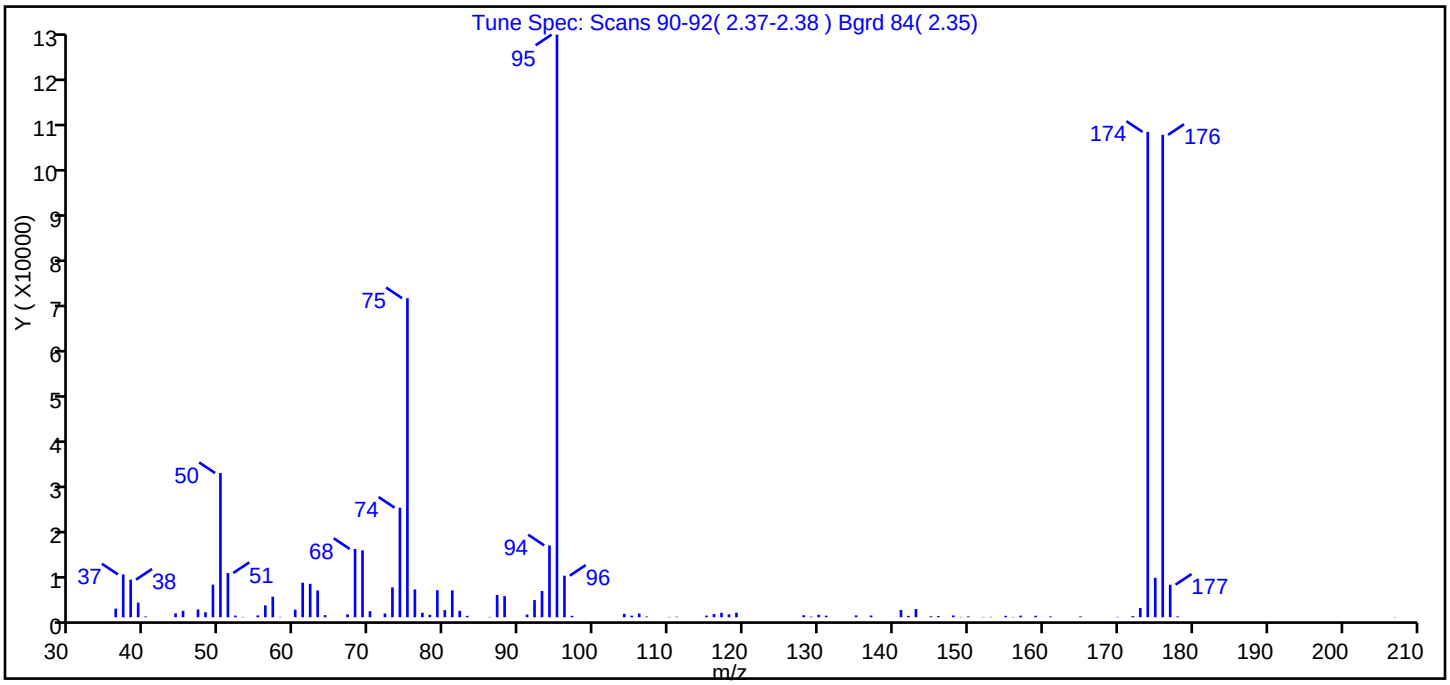
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 151 BFB	95	2.377	2.377	0.0	88	138987	0	

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60696.D		
Injection Date:	19-Sep-2013 22:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	1
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm
Tune Method:	BFB Method 8260		

$ 151 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	24.75
75	30.00 - 60.00% of mass 95	54.76
96	5.00 - 9.00% of mass 95	7.13
173	Less than 2.00% of mass 174	1.59 (1.91)
174	Greater than 50.00% of mass 95	83.30
175	5.00 - 9.00% of mass 174	6.77 (8.13)
176	95.00 - 101.00% of mass 174	82.79 (99.39)
177	5.00 - 9.00% of mass 176	5.58 (6.74)

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60696.D\8260W_2.rslt\spectra.d
Injection Date: 19-Sep-2013 22:50:30
Spectrum: Tune Spec: Scans 90-92(2.37-2.38) Bgrd 84(2.35)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 92

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1793	64.00	443	94.00	14955	143.00	1715
37.00	8918	67.00	605	95.00	121216	145.00	205
38.00	7824	68.00	14211	96.00	8644	146.00	251
39.00	3046	69.00	13918	97.00	303	148.00	372
40.00	167	70.00	1260	104.00	711	149.00	80
41.00	14	72.00	780	105.00	330	150.00	177
44.00	803	73.00	6220	106.00	784	152.00	69
45.00	1346	74.00	22792	107.00	161	153.00	84
47.00	1626	75.00	66376	110.00	68	155.00	302
48.00	1048	76.00	5786	111.00	116	156.00	68
49.00	6787	77.00	923	115.00	355	157.00	335
50.00	30000	78.00	503	116.00	666	159.00	316
51.00	9205	79.00	5617	117.00	929	161.00	173
52.00	350	80.00	1490	118.00	613	165.00	179
53.00	74	81.00	5586	119.00	954	170.00	75
55.00	384	82.00	1345	128.00	420	172.00	238
56.00	2466	83.00	295	129.00	120	173.00	1924
57.00	4272	86.00	81	130.00	504	174.00	100976
58.00	79	87.00	4642	131.00	329	175.00	8208
60.00	1575	88.00	4383	135.00	395	176.00	100360
61.00	7183	91.00	569	137.00	362	177.00	6767
62.00	6950	92.00	3575	141.00	1507	178.00	177
63.00	5557	93.00	5460	142.00	285	207.00	45

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS8\20130823-3906.b\J03444.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	23-Aug-2013 11:32:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	460-0003906-001		
Operator:		Instrument ID:	CVOAMS8
Purge Vol:	5.000 mL	ALS Bottle#:	99
Lims Batch ID:	177780	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS8\20130823-3906.b\8260_W8.m		
Last Update:	27-Aug-2013 16:18:57	Calib Date:	23-Aug-2013 16:56:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS8\20130823-3906.b\J03457.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK014		
First Level Reviewer: martineze		Date:	23-Aug-2013 11:42:05

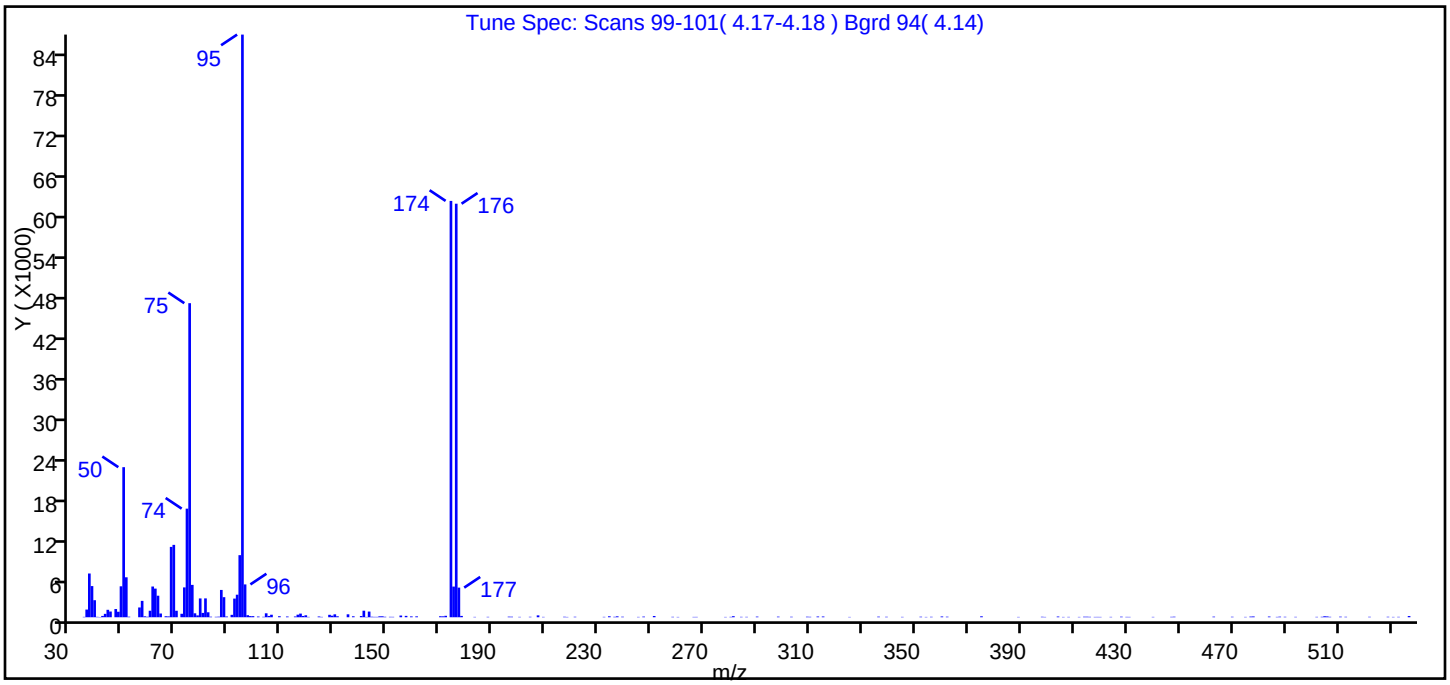
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	4.176	4.176	0.0	84	126195	0	

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS8\20130823-3906.b\J03444.D		
Injection Date:	23-Aug-2013 11:32:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS8
Lims Batch ID:	177780	Lims Sample ID:	1
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm
Tune Method:	BFB Method 8260		

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	25.76
75	30.00 - 60.00% of mass 95	53.90
96	5.00 - 9.00% of mass 95	5.64
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	71.46
175	5.00 - 9.00% of mass 174	5.26 (7.37)
176	95.00 - 101.00% of mass 174	70.97 (99.33)
177	5.00 - 9.00% of mass 176	5.09 (7.17)

Data File: \\EDICHROM\ChromData\CVOAMS8\20130823-3906.b\J03444.D\8260_W8.rslt\spectra.d
Injection Date: 23-Aug-2013 11:32:30
Spectrum: Tune Spec: Scans 99-101(4.17-4.18) Bgrd 94(4.14)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 189

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	57	91.00	358	172.00	215	360.00	118
36.00	1140	92.00	2769	174.00	61744	362.00	84
37.00	6489	93.00	3345	175.00	4549	375.00	140
38.00	4623	94.00	9208	176.00	61328	389.00	51
39.00	2528	95.00	86408	177.00	4396	398.00	73
40.00	63	96.00	4871	178.00	199	399.00	52
41.00	38	97.00	304	183.00	54	404.00	111
42.00	198	98.00	172	188.00	61	406.00	50
43.00	505	99.00	164	196.00	91	408.00	56
44.00	1105	101.00	108	197.00	83	412.00	52
45.00	849	103.00	69	200.00	58	414.00	83
47.00	1219	104.00	588	204.00	69	415.00	82
48.00	816	105.00	195	207.00	279	416.00	66
49.00	4590	106.00	375	209.00	56	418.00	53
50.00	22256	109.00	151	217.00	74	419.00	56
51.00	5926	112.00	112	218.00	50	420.00	53
52.00	84	115.00	117	221.00	74	424.00	57
56.00	1452	116.00	384	232.00	59	428.00	86
57.00	2429	117.00	541	234.00	145	430.00	58
58.00	139	118.00	191	236.00	69	431.00	55
59.00	78	119.00	292	237.00	138	440.00	56
60.00	966	120.00	57	239.00	83	447.00	64
61.00	4558	124.00	115	245.00	54	448.00	83
62.00	4249	125.00	56	247.00	100	463.00	93
63.00	3195	128.00	364	251.00	182	470.00	74
64.00	556	129.00	232	258.00	65	475.00	54
66.00	148	130.00	437	260.00	50	477.00	101
67.00	127	131.00	144	266.00	53	478.00	119
68.00	10433	135.00	437	267.00	55	484.00	109
69.00	10736	137.00	144	278.00	50	487.00	56
70.00	963	140.00	181	280.00	61	488.00	89
72.00	516	141.00	972	281.00	158	490.00	70
73.00	4427	142.00	51	284.00	63	494.00	61

Report Date: 27-Aug-2013 16:18:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CVOAMS8\20130823-3906.b\J03444.D\8260_W8.rslt\spectra.d
Injection Date: 23-Aug-2013 11:32:30
Spectrum: Tune Spec: Scans 99-101(4.17-4.18) Bgrd 94(4.14)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 189

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	16106	143.00	845	286.00	61	502.00	60
75.00	46576	144.00	78	290.00	99	504.00	70
76.00	4801	145.00	60	298.00	93	505.00	146
77.00	586	146.00	58	303.00	75	506.00	122
78.00	276	147.00	139	309.00	83	507.00	66
79.00	2792	148.00	143	310.00	68	511.00	90
80.00	646	149.00	73	313.00	113	513.00	70
81.00	2798	151.00	64	315.00	114	522.00	70
82.00	737	152.00	61	325.00	50	529.00	73
83.00	84	155.00	252	336.00	93	531.00	53
85.00	66	157.00	205	339.00	72	533.00	63
86.00	86	159.00	128	345.00	57	537.00	178
87.00	4051	161.00	134	352.00	83		
88.00	2977	170.00	150	354.00	50		
89.00	113	171.00	138	356.00	69		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS8\20130917-4710.b\J04323.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	17-Sep-2013 08:08:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	460-0004710-001		
Operator:		Instrument ID:	CVOAMS8
Purge Vol:	5.000 mL	ALS Bottle#:	99
Lims Batch ID:	181697	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS8\20130917-4710.b\8260_W8.m		
Last Update:	17-Sep-2013 11:02:21	Calib Date:	23-Aug-2013 16:56:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS8\20130823-3906.b\J03457.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK037		
First Level Reviewer: martineze		Date:	17-Sep-2013 11:02:21

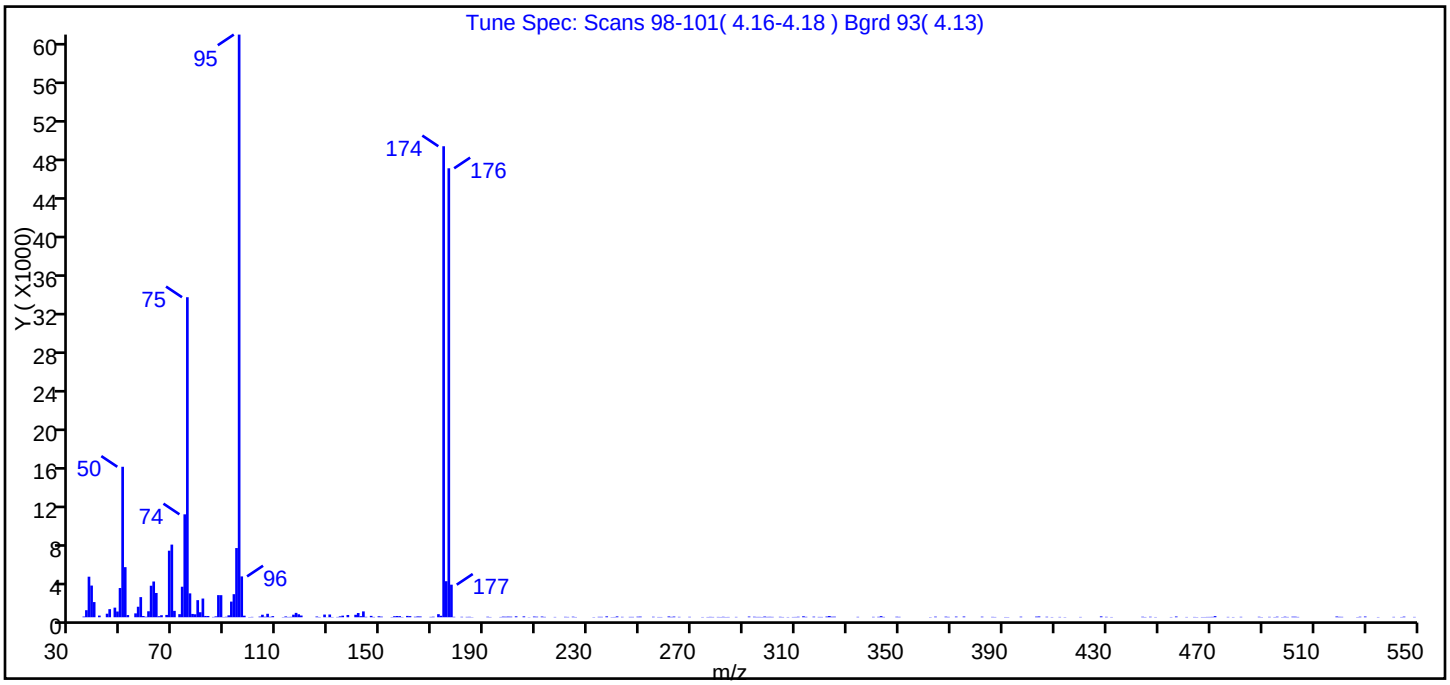
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	4.175	4.175	0.0	85	100210	0	

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS8\20130917-4710.b\J04323.D		
Injection Date:	17-Sep-2013 08:08:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS8
Lims Batch ID:	181697	Lims Sample ID:	1
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm
Tune Method:	BFB Method 8260		

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	25.83
75	30.00 - 60.00% of mass 95	54.93
96	5.00 - 9.00% of mass 95	7.01
173	Less than 2.00% of mass 174	0.25 (0.31)
174	Greater than 50.00% of mass 95	80.84
175	5.00 - 9.00% of mass 174	6.19 (7.65)
176	95.00 - 101.00% of mass 174	77.05 (95.32)
177	5.00 - 9.00% of mass 176	5.59 (7.26)

Data File: \\EDICHROM\ChromData\CVOAMS8\20130917-4710.b\J04323.D\8260_W8.rslt\spectra.d
Injection Date: 17-Sep-2013 08:08:30
Spectrum: Tune Spec: Scans 98-101(4.16-4.18) Bgrd 93(4.13)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 254

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	73	114.00	34	222.00	36	362.00	26
36.00	734	115.00	45	224.00	59	364.00	65
37.00	4223	116.00	267	225.00	29	368.00	63
38.00	3300	117.00	457	232.00	27	369.00	41
39.00	1580	118.00	310	234.00	46	372.00	70
41.00	175	119.00	179	235.00	44	375.00	78
44.00	369	125.00	79	237.00	93	382.00	60
45.00	844	126.00	31	239.00	25	386.00	40
47.00	1001	128.00	280	240.00	30	387.00	31
48.00	599	129.00	10	241.00	89	391.00	28
49.00	3043	130.00	287	243.00	43	392.00	26
50.00	15667	131.00	28	246.00	40	397.00	60
51.00	5217	133.00	33	247.00	39	403.00	69
52.00	229	134.00	95	249.00	60	404.00	84
55.00	404	135.00	166	250.00	68	407.00	53
56.00	1095	137.00	237	255.00	52	409.00	28
57.00	2097	140.00	257	257.00	31	412.00	36
58.00	127	141.00	441	258.00	29	414.00	25
59.00	56	142.00	114	261.00	84	420.00	34
60.00	624	143.00	611	262.00	41	428.00	92
61.00	3282	144.00	46	263.00	73	430.00	45
62.00	3723	146.00	144	265.00	42	432.00	29
63.00	2528	147.00	34	269.00	45	444.00	53
64.00	109	149.00	103	274.00	29	445.00	29
65.00	212	150.00	65	276.00	30	447.00	53
67.00	243	154.00	28	277.00	41	449.00	28
68.00	6930	155.00	107	278.00	33	455.00	28
69.00	7564	156.00	128	280.00	35	457.00	80
70.00	666	157.00	116	281.00	29	461.00	32
72.00	322	158.00	30	282.00	48	464.00	33
73.00	3178	160.00	140	283.00	28	465.00	25
74.00	10716	161.00	118	284.00	33	467.00	28
75.00	33320	163.00	52	287.00	38	468.00	28

Report Date: 17-Sep-2013 11:02:22 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CVOAMS8\20130917-4710.b\J04323.D\8260_W8.rslt\spectra.d
Injection Date: 17-Sep-2013 08:08:30
Spectrum: Tune Spec: Scans 98-101(4.16-4.18) Bgrd 93(4.13)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 254

m/z	Y	m/z	Y	m/z	Y	m/z	Y
76.00	2487	164.00	88	292.00	74	469.00	35
77.00	346	165.00	80	294.00	54	470.00	37
78.00	311	169.00	40	295.00	37	471.00	42
79.00	1781	170.00	58	296.00	38	472.00	118
80.00	523	172.00	321	297.00	29	477.00	38
81.00	1948	173.00	153	298.00	74	479.00	28
82.00	136	174.00	49040	299.00	41	482.00	44
83.00	131	175.00	3753	300.00	47	489.00	51
85.00	34	176.00	46744	301.00	40	490.00	26
86.00	91	177.00	3392	304.00	46	493.00	43
87.00	2304	178.00	47	305.00	30	495.00	28
88.00	2299	181.00	47	307.00	29	496.00	59
89.00	29	183.00	40	309.00	31	498.00	26
90.00	51	184.00	46	310.00	35	499.00	59
91.00	201	185.00	22	311.00	53	500.00	34
92.00	1630	191.00	54	313.00	99	502.00	60
93.00	2402	192.00	30	314.00	45	503.00	58
94.00	7205	196.00	32	317.00	63	504.00	35
95.00	60664	197.00	66	319.00	37	519.00	81
96.00	4253	198.00	57	320.00	34	520.00	47
97.00	161	199.00	69	322.00	73	521.00	43
99.00	26	200.00	61	323.00	125	527.00	27
100.00	39	202.00	96	324.00	58	528.00	56
103.00	69	205.00	90	325.00	63	530.00	77
104.00	262	207.00	21	334.00	43	535.00	28
105.00	56	209.00	74	340.00	43	541.00	40
106.00	362	210.00	57	342.00	46	544.00	29
107.00	46	212.00	74	343.00	113	545.00	66
108.00	116	213.00	40	344.00	37	549.00	36
112.00	26	217.00	34	349.00	55		
113.00	85	221.00	45	350.00	44		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181583/6

Matrix: Solid Lab File ID: O77913.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 09/16/2013 18:10

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.: 181583 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.15	U	1.0	0.15
67-64-1	Acetone	14.9		5.0	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	5.0	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	5.0	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	20	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181583/6

Matrix: Solid | Lab File ID: O77913.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 09/16/2013 18:10

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.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-130
2037-26-5	Toluene-d8 (Surr)	112		70-130
460-00-4	Bromofluorobenzene	102		70-130
1868-53-7	Dibromofluoromethane (Surr)	103		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181583/6

Matrix: Solid Lab File ID: O77913.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 09/16/2013 18:10

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.: 181583 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77913.D		
Lims ID:	MB	Client ID:	
Inject. Date:	16-Sep-2013 18:10:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	MB		
Misc. Info.:	460-0004675-006		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	5
Lims Batch ID:	181583	Lims Sample ID:	6
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m		
Last Update:	17-Sep-2013 06:59:40	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK040		
First Level Reviewer: delpolitov		Date:	17-Sep-2013 06:54:01

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.625	1.625	0.0	88	9500	14.9	
* 151 TBA-d9 (IS)	65	1.890	1.897	-0.007	99	249502	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.079	3.079	0.0	94	88997	51.6	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.359	3.358	0.001	87	86766	57.0	
* 59 Fluorobenzene	96	3.652	3.652	0.0	100	373953	50.0	
* 150 1,4-Dioxane-d8	96	4.347	4.354	-0.007	87	24764	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	395474	56.0	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	81	352752	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	94	140916	51.0	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	203259	50.0	

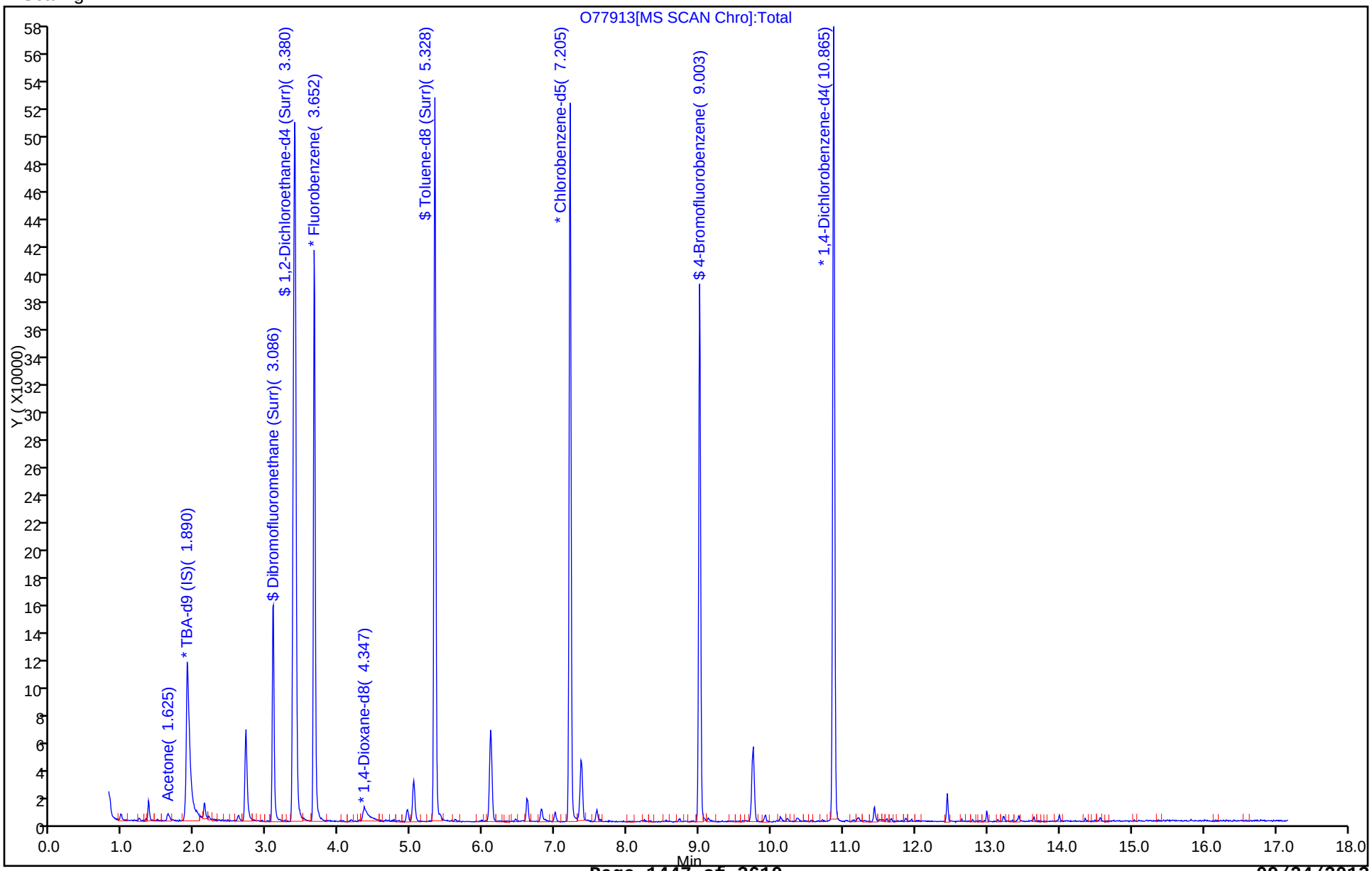
Report Date: 17-Sep-2013 06:59:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77913.D

Injection Date:	16-Sep-2013 18:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	6
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:

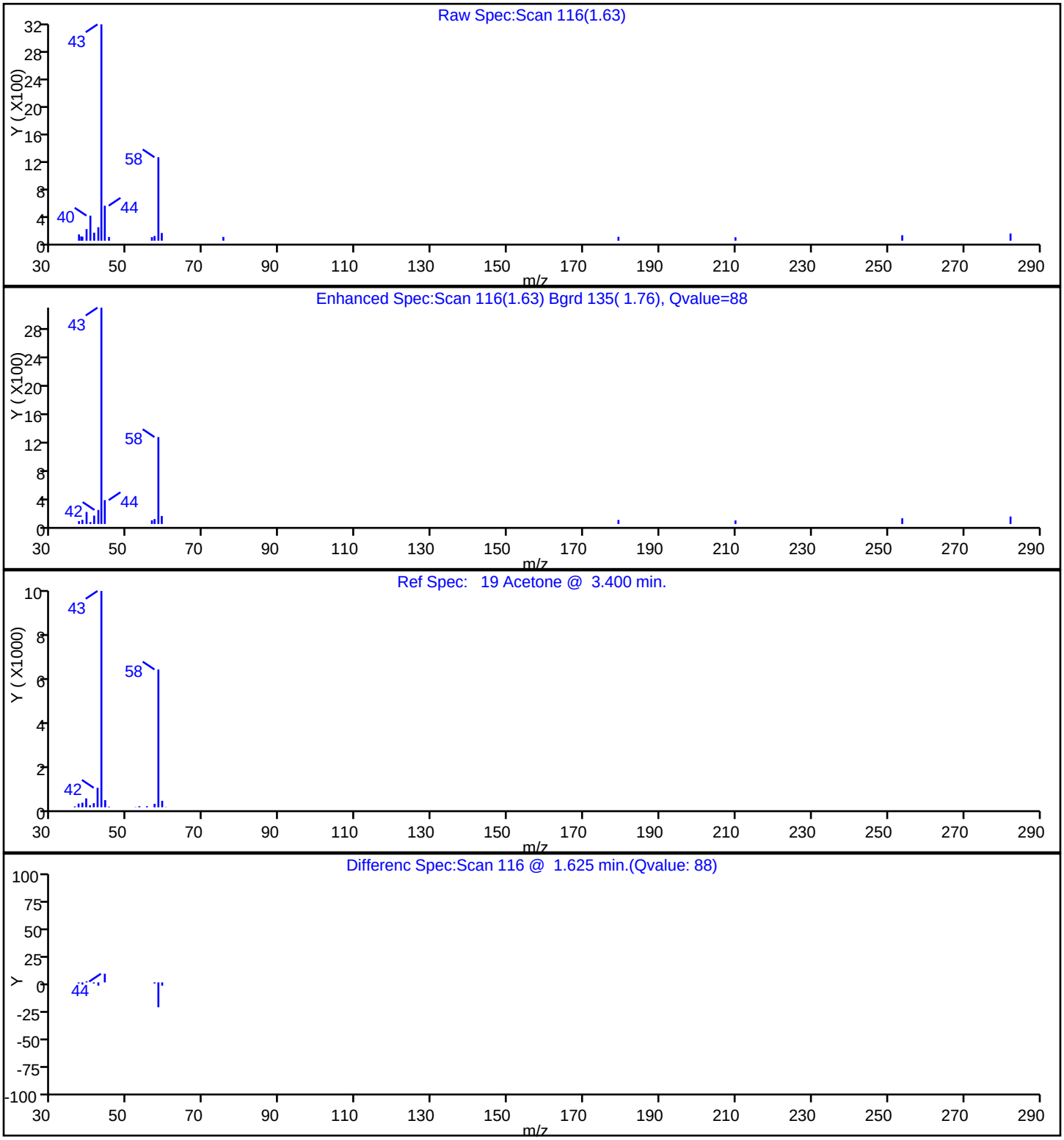


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77913.D

Injection Date:	16-Sep-2013 18:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	6
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181663/7

Matrix: Solid | Lab File ID: O77943.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 09/17/2013 07:38

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.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.15	U	1.0	0.15
67-64-1	Acetone	4.59	J	5.0	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	5.0	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	5.0	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	20	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181663/7

Matrix: Solid Lab File ID: O77943.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 09/17/2013 07:38

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.: 181663 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
2037-26-5	Toluene-d8 (Surr)	108		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181663/7

Matrix: Solid Lab File ID: O77943.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 09/17/2013 07:38

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.: 181663 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77943.D		
Lims ID:	MB	Client ID:	
Inject. Date:	17-Sep-2013 07:38:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	LB3 460-181564/1-A		
Misc. Info.:	460-0004695-007		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	6
Lims Batch ID:	181663	Lims Sample ID:	7
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\8260S_12.m		
Last Update:	20-Sep-2013 14:14:49	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK016		
First Level Reviewer: delpolitov		Date:	20-Sep-2013 14:14:49

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.625	1.632	-0.007	81	5026	4.59	
* 151 TBA-d9 (IS)	65	1.897	1.911	-0.014	87	278968	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	97	86926	49.1	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.366	-0.008	88	88605	56.6	
* 59 Fluorobenzene	96	3.659	3.659	0.0	100	384089	50.0	
* 150 1,4-Dioxane-d8	96	4.368	4.347	0.021	83	26578	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	386256	53.9	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	358155	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	94	139396	49.7	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	206227	50.0	

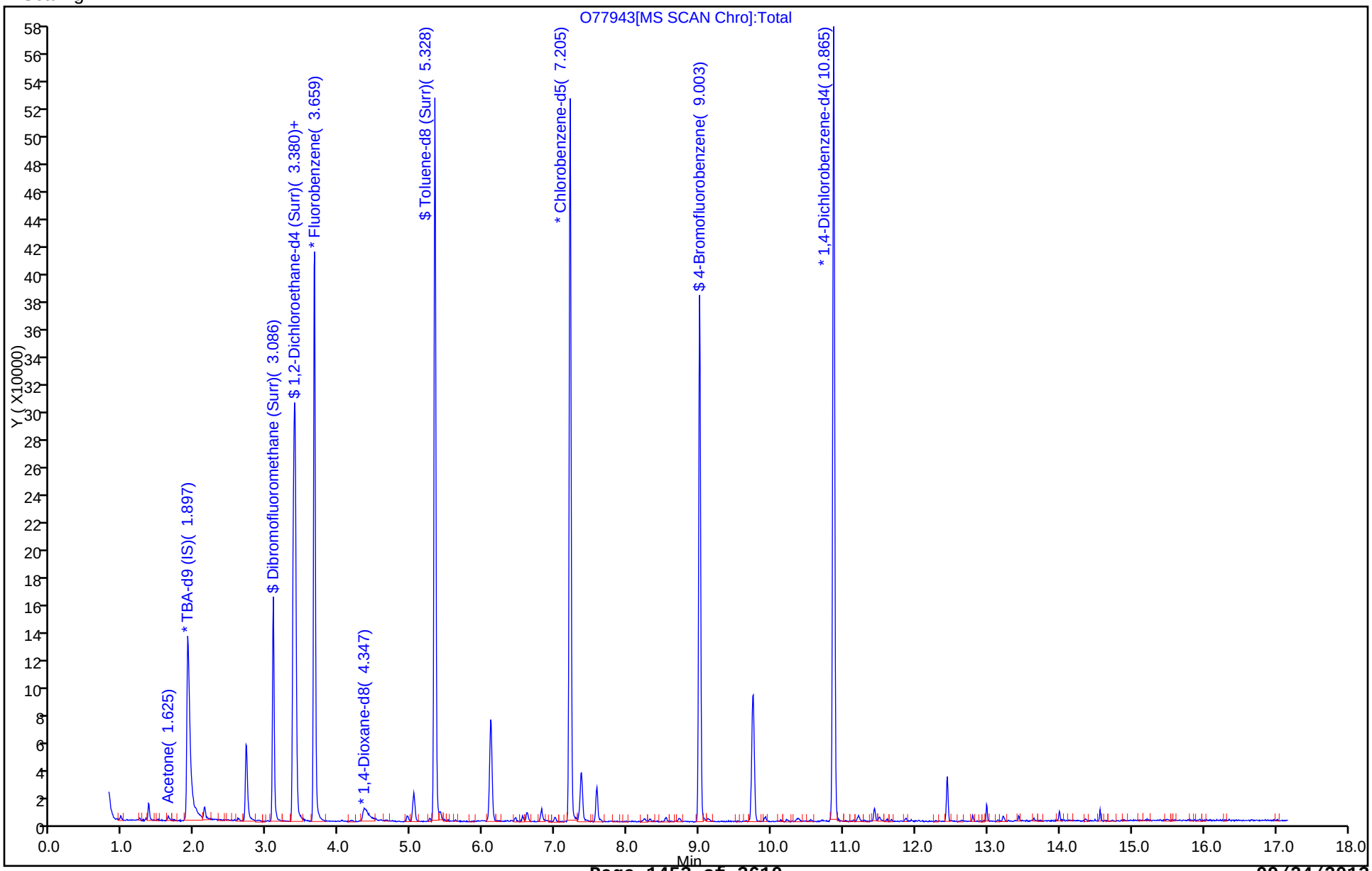
Report Date: 20-Sep-2013 14:14:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77943.D

Injection Date:	17-Sep-2013 07:38:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	7
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



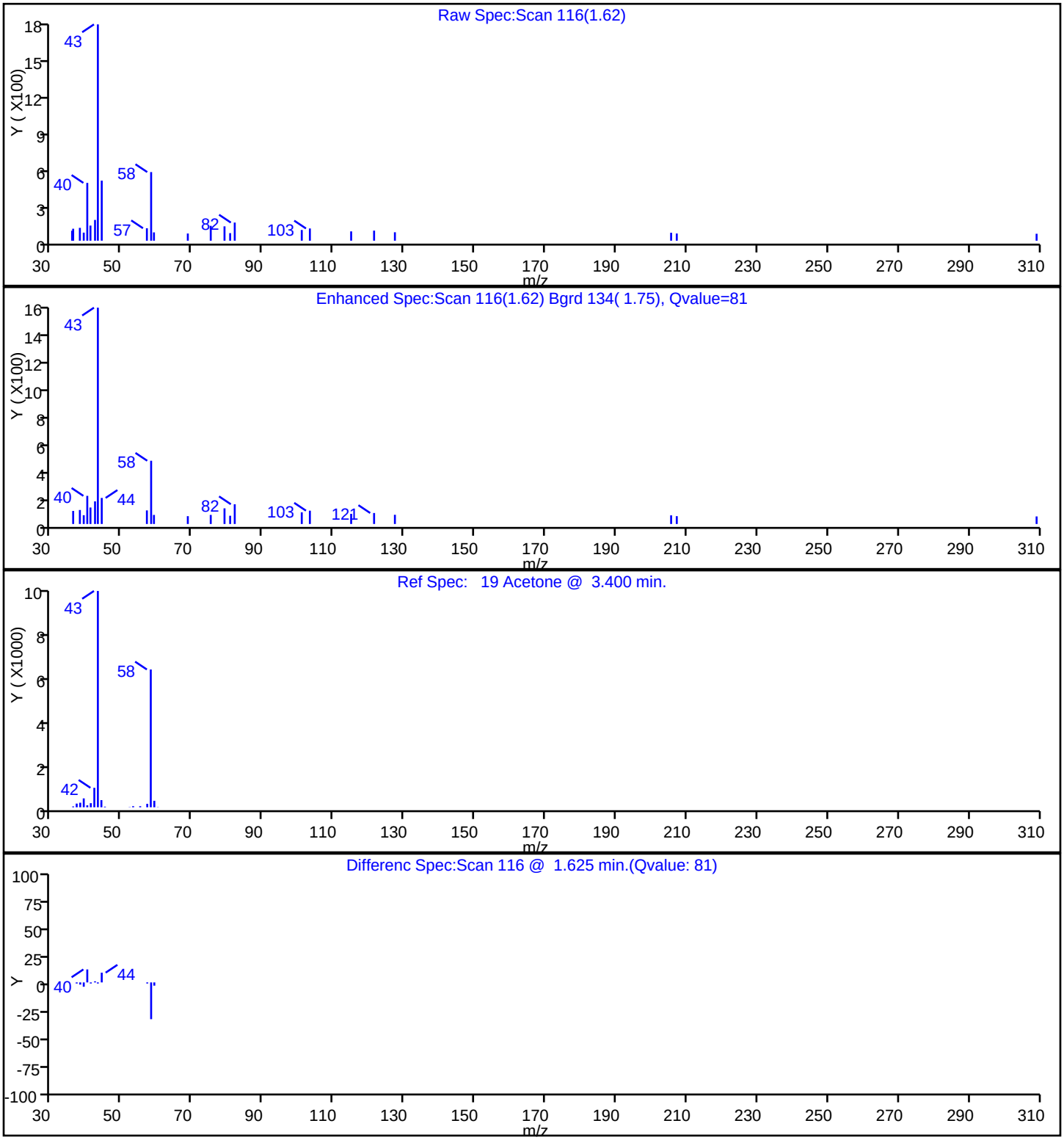
Report Date: 20-Sep-2013 14:14:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77943.D

Injection Date:	17-Sep-2013 07:38:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	7
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181697/8

Matrix: Water Lab File ID: J04330.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/17/2013 12:08

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.: 181697 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.10	U	1.0	0.10
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
67-66-3	Chloroform	0.080	U	1.0	0.080
78-93-3	2-Butanone	2.3	U	5.0	2.3
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
75-25-2	Bromoform	0.19	U	1.0	0.19
100-42-5	Styrene	0.12	U	1.0	0.12
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
110-82-7	Cyclohexane	0.16	U	1.0	0.16
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
591-78-6	2-Hexanone	0.50	U	5.0	0.50
1634-04-4	MTBE	0.14	U	1.0	0.14
76-13-1	Freon TF	0.080	U	1.0	0.080
79-20-9	Methyl acetate	0.34	U	2.0	0.34
123-91-1	1,4-Dioxane	36	U	50	36
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24
108-10-1	4-Methyl-2-pentanone	0.99	U	5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181697/8

Matrix: Water | Lab File ID: J04330.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/17/2013 12:08

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.: 181697 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	0.51	U	1.0	0.51
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
1330-20-7	Xylenes, Total	0.13	U	3.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
124-48-1	Dibromochloromethane	0.20	U	1.0	0.20
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.27	U	1.0	0.27
75-27-4	Bromodichloromethane	0.12	U	1.0	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	105		70-130
1868-53-7	Dibromofluoromethane (Surr)	108		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181697/8

Matrix: Water Lab File ID: J04330.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/17/2013 12:08

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.: 181697 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS8\20130917-4710.b\J04330.D		
Lims ID:	MB	Client ID:	
Inject. Date:	17-Sep-2013 12:08:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	MB		
Misc. Info.:	460-0004710-008		
Operator:		Instrument ID:	CVOAMS8
Purge Vol:	5.000 mL	ALS Bottle#:	7
Lims Batch ID:	181697	Lims Sample ID:	8
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS8\20130917-4710.b\8260_W8.m		
Last Update:	17-Sep-2013 15:07:05	Calib Date:	23-Aug-2013 16:56:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS8\20130823-3906.b\J03457.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK037		
First Level Reviewer: martineze		Date:	17-Sep-2013 15:07:04

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.191	3.187	0.004	46	471699	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	4.748	4.750	-0.002	93	265643	54.0	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.106	5.103	0.003	99	410705	54.5	
* 59 Fluorobenzene	96	5.377	5.379	-0.002	96	950974	50.0	
* 150 1,4-Dioxane-d8	96	6.082	6.078	0.004	61	48127	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.057	7.053	0.004	98	943336	49.7	
* 87 Chlorobenzene-d5	117	8.849	8.846	0.003	88	678865	50.0	
$ 99 4-Bromofluorobenzene	174	10.106	10.103	0.003	88	276862	52.7	
* 116 1,4-Dichlorobenzene-d4	152	10.976	10.978	-0.002	97	365065	50.0	

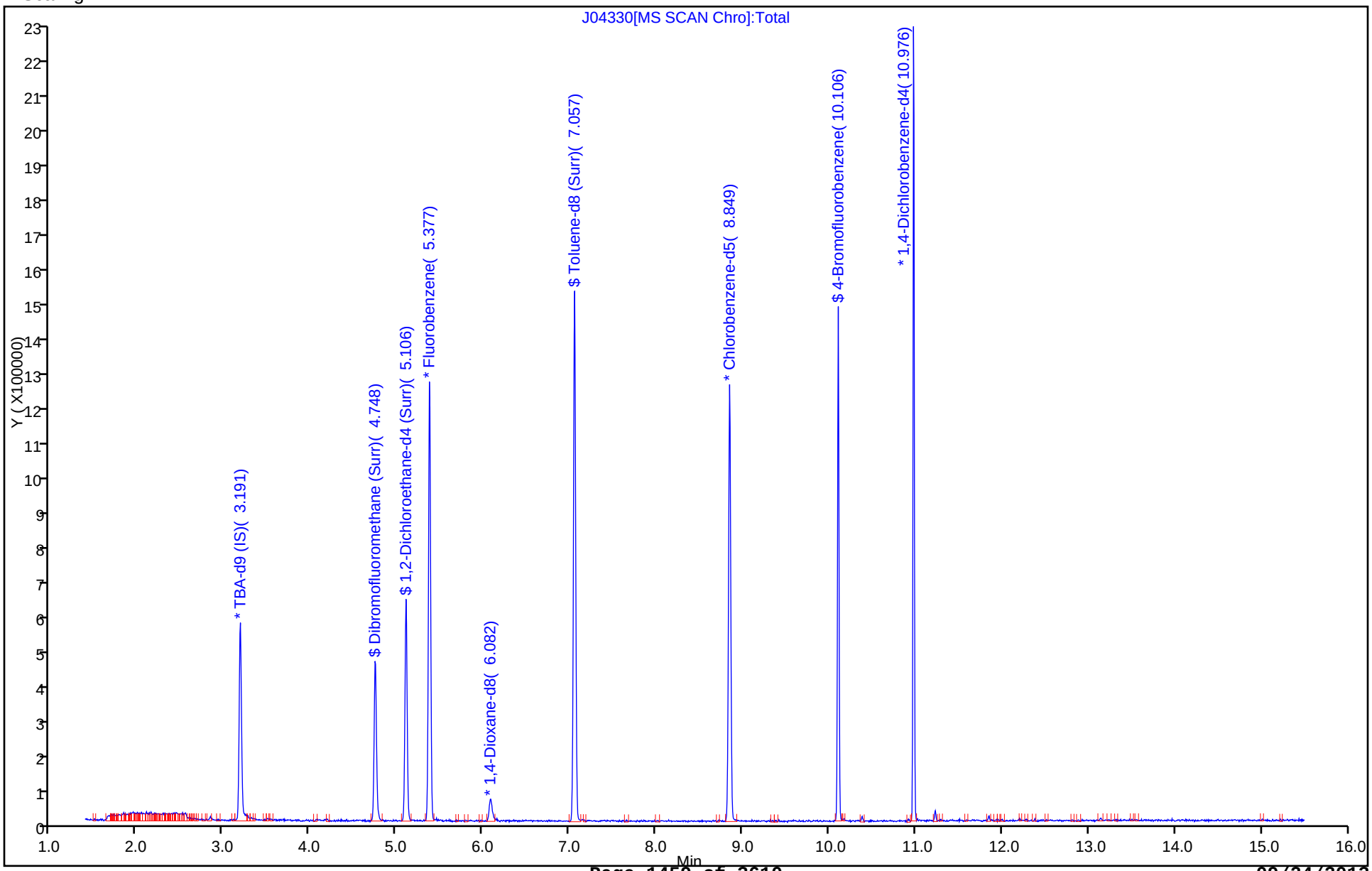
Report Date: 17-Sep-2013 15:07:05 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20130917-4710.b\J04330.D

Injection Date:	17-Sep-2013 12:08:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS8
Lims Batch ID:	181697	Lims Sample ID:	8
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181813/6

Matrix: Solid | Lab File ID: O77967.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 09/17/2013 17:43

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.: 181813 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.15	U	1.0	0.15
67-64-1	Acetone	3.20	J	5.0	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	5.0	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	5.0	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	20	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181813/6

Matrix: Solid Lab File ID: O77967.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 09/17/2013 17:43

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.: 181813 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
2037-26-5	Toluene-d8 (Surr)	108		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181813/6

Matrix: Solid Lab File ID: O77967.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 09/17/2013 17:43

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.: 181813 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77967.D		
Lims ID:	MB	Client ID:	
Inject. Date:	17-Sep-2013 17:43:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	MB		
Misc. Info.:	460-0004727-006		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	5
Lims Batch ID:	181813	Lims Sample ID:	6
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\8260S_12.m		
Last Update:	20-Sep-2013 15:29:19	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK026		
First Level Reviewer: tupayachia		Date:	18-Sep-2013 11:24:14

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.625	1.632	-0.007	71	4236	3.20	
* 151 TBA-d9 (IS)	65	1.897	1.904	-0.007	91	251546	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	96	86470	50.5	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.358	0.0	87	84268	55.8	
* 59 Fluorobenzene	96	3.652	3.652	0.0	100	370974	50.0	
* 150 1,4-Dioxane-d8	96	4.347	4.361	-0.014	83	22616	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	383982	53.9	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	356009	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	95	137747	49.4	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	200339	50.0	

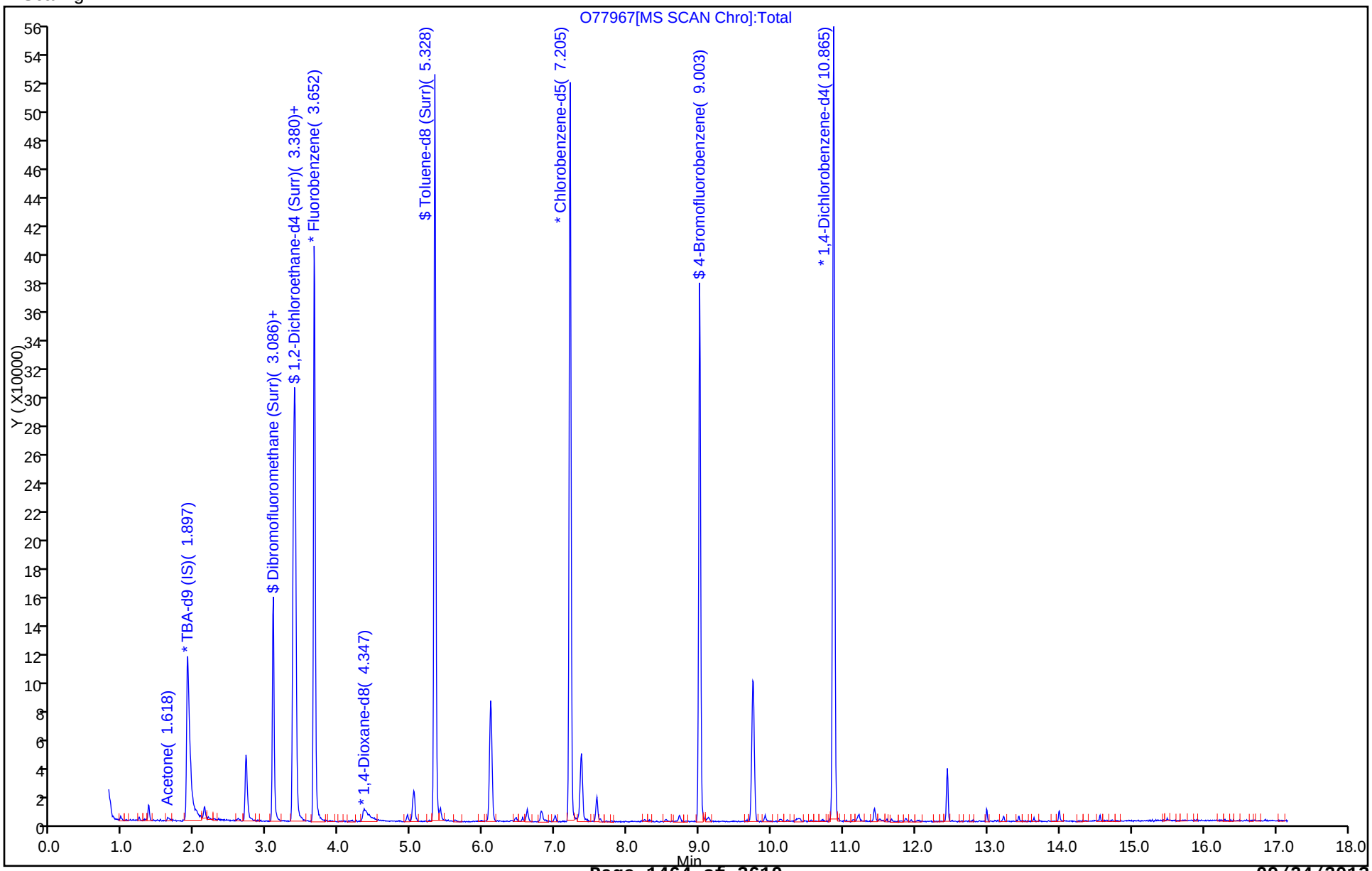
Report Date: 20-Sep-2013 15:29:19 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77967.D

Injection Date:	17-Sep-2013 17:43:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	6
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



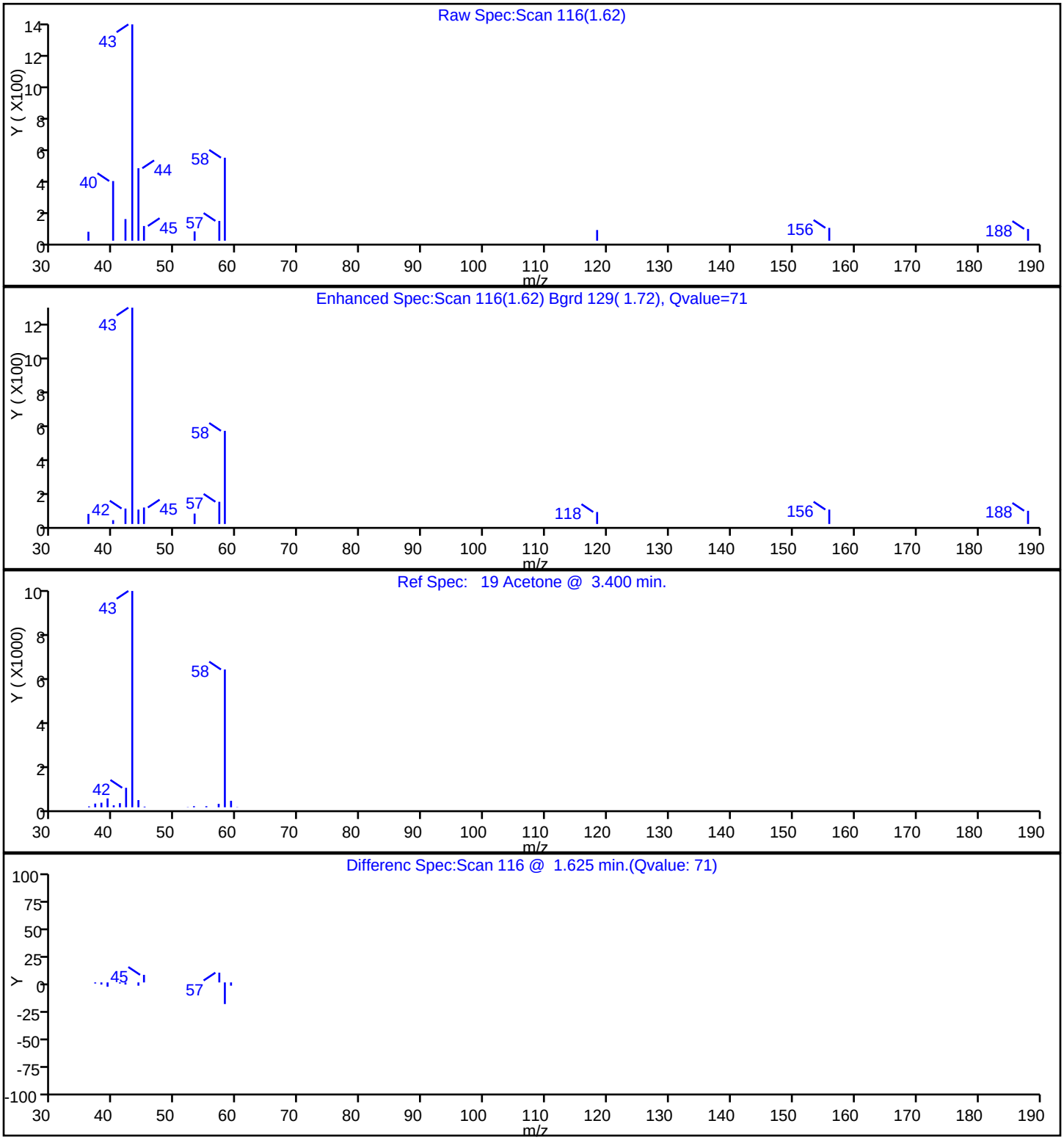
Report Date: 20-Sep-2013 15:29:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77967.D

Injection Date:	17-Sep-2013 17:43:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	6
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-182095/8

Matrix: Solid | Lab File ID: B60674.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/19/2013 14:19

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 182095 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	4.8	U	50	4.8
74-83-9	Bromomethane	9.1	U	50	9.1
75-01-4	Vinyl chloride	7.2	U	50	7.2
75-00-3	Chloroethane	8.5	U	50	8.5
75-09-2	Methylene Chloride	9.1	U	50	9.1
67-64-1	Acetone	130	U	250	130
75-15-0	Carbon disulfide	6.3	U	50	6.3
75-69-4	Trichlorofluoromethane	7.3	U	50	7.3
75-35-4	1,1-Dichloroethene	4.4	U	50	4.4
75-34-3	1,1-Dichloroethane	6.5	U	50	6.5
156-60-5	trans-1,2-Dichloroethene	6.4	U	50	6.4
156-59-2	cis-1,2-Dichloroethene	8.9	U	50	8.9
67-66-3	Chloroform	3.9	U	50	3.9
78-93-3	2-Butanone	120	U	250	120
107-06-2	1,2-Dichloroethane	9.5	U	50	9.5
71-55-6	1,1,1-Trichloroethane	3.1	U	50	3.1
56-23-5	Carbon tetrachloride	2.9	U	50	2.9
71-43-2	Benzene	4.1	U	50	4.1
75-25-2	Bromoform	9.6	U	50	9.6
100-42-5	Styrene	5.9	U	50	5.9
100-41-4	Ethylbenzene	4.8	U	50	4.8
108-90-7	Chlorobenzene	5.5	U	50	5.5
110-82-7	Cyclohexane	7.9	U	50	7.9
98-82-8	Isopropylbenzene	3.8	U	50	3.8
591-78-6	2-Hexanone	25	U	250	25
1634-04-4	MTBE	6.9	U	50	6.9
76-13-1	Freon TF	4.1	U	50	4.1
79-20-9	Methyl acetate	17	U	250	17
123-91-1	1,4-Dioxane	1800	U	2500	1800
79-01-6	Trichloroethene	4.6	U	50	4.6
108-88-3	Toluene	7.5	U	50	7.5
10061-02-6	trans-1,3-Dichloropropene	12	U	50	12
108-10-1	4-Methyl-2-pentanone	49	U	250	49
10061-01-5	cis-1,3-Dichloropropene	9.2	U	50	9.2
95-50-1	1,2-Dichlorobenzene	10	U	50	10
541-73-1	1,3-Dichlorobenzene	6.8	U	50	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-182095/8

Matrix: Solid Lab File ID: B60674.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/19/2013 14:19

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 182095 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	12	U	50	12
120-82-1	1,2,4-Trichlorobenzene	17	U	50	17
87-61-6	1,2,3-Trichlorobenzene	26	U	50	26
78-87-5	1,2-Dichloropropane	4.3	U	50	4.3
108-87-2	Methylcyclohexane	6.8	U	50	6.8
127-18-4	Tetrachloroethene	4.9	U	50	4.9
1330-20-7	Xylenes, Total	18	U	150	18
96-12-8	1,2-Dibromo-3-Chloropropane	20	U	50	20
79-34-5	1,1,2,2-Tetrachloroethane	7.9	U	50	7.9
79-00-5	1,1,2-Trichloroethane	9.4	U	50	9.4
124-48-1	Dibromochloromethane	10	U	50	10
106-93-4	1,2-Dibromoethane	14	U	50	14
75-71-8	Dichlorodifluoromethane	11	U	50	11
74-97-5	Bromochloromethane	14	U	50	14
75-27-4	Bromodichloromethane	6.3	U	50	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		75-135
2037-26-5	Toluene-d8 (Surr)	96		59-150
460-00-4	Bromofluorobenzene	92		72-133
1868-53-7	Dibromofluoromethane (Surr)	96		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-182095/8

Matrix: Solid Lab File ID: B60674.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/19/2013 14:19

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 182095 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60674.D		
Lims ID:	MB	Client ID:	
Inject. Date:	19-Sep-2013 14:19:30	Dil. Factor:	50.0000
Sample Type:	MB		
Sample ID:	MB		
Misc. Info.:	460-0004800-008		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	7
Lims Batch ID:	182095	Lims Sample ID:	8
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\8260W_2.m		
Last Update:	19-Sep-2013 18:54:19	Calib Date:	18-Sep-2013 04:57:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4744.b\B60605.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK003		
First Level Reviewer: desais		Date:	19-Sep-2013 16:47:45

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	2.789	2.797	-0.008	55	358903	1000.0	
$ 57 Dibromofluoromethane (Surr)	113	4.492	4.484	0.008	98	205763	47.9	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.887	0.0	97	308309	48.3	
* 58 Fluorobenzene	96	5.208	5.208	0.0	97	688381	50.0	
* 65 1,4-Dioxane-d8	96	6.072	6.064	0.008	90	40356	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.208	7.200	0.008	97	705238	48.1	
* 87 Chlorobenzene-d5	117	8.772	8.763	0.009	88	587176	50.0	
$ 97 4-Bromofluorobenzene	174	9.858	9.858	0.0	92	265892	46.0	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	97	343901	50.0	

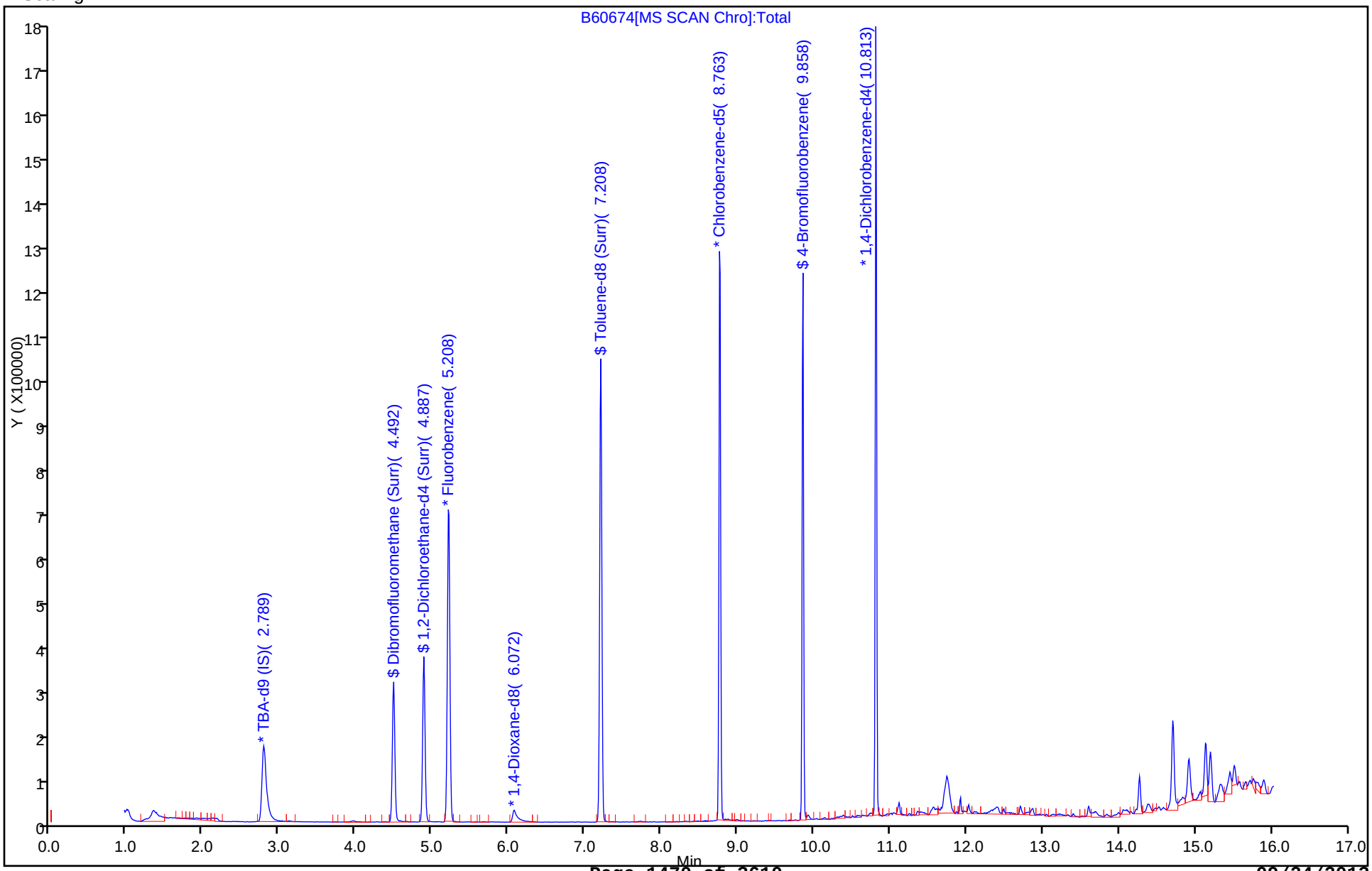
Report Date: 19-Sep-2013 18:54:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60674.D

Injection Date:	19-Sep-2013 14:19:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	8
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-182277/7

Matrix: Solid | Lab File ID: B60702.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/20/2013 01:06

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 182277 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	4.8	U	50	4.8
74-83-9	Bromomethane	9.1	U	50	9.1
75-01-4	Vinyl chloride	7.2	U	50	7.2
75-00-3	Chloroethane	8.5	U	50	8.5
75-09-2	Methylene Chloride	9.1	U	50	9.1
67-64-1	Acetone	130	U	250	130
75-15-0	Carbon disulfide	6.3	U	50	6.3
75-69-4	Trichlorofluoromethane	7.3	U	50	7.3
75-35-4	1,1-Dichloroethene	4.4	U	50	4.4
75-34-3	1,1-Dichloroethane	6.5	U	50	6.5
156-60-5	trans-1,2-Dichloroethene	6.4	U	50	6.4
156-59-2	cis-1,2-Dichloroethene	8.9	U	50	8.9
67-66-3	Chloroform	3.9	U	50	3.9
78-93-3	2-Butanone	120	U	250	120
107-06-2	1,2-Dichloroethane	9.5	U	50	9.5
71-55-6	1,1,1-Trichloroethane	3.1	U	50	3.1
56-23-5	Carbon tetrachloride	2.9	U	50	2.9
71-43-2	Benzene	4.1	U	50	4.1
75-25-2	Bromoform	9.6	U	50	9.6
100-42-5	Styrene	5.9	U	50	5.9
100-41-4	Ethylbenzene	4.8	U	50	4.8
108-90-7	Chlorobenzene	5.5	U	50	5.5
110-82-7	Cyclohexane	7.9	U	50	7.9
98-82-8	Isopropylbenzene	3.8	U	50	3.8
591-78-6	2-Hexanone	25	U	250	25
1634-04-4	MTBE	6.9	U	50	6.9
76-13-1	Freon TF	4.1	U	50	4.1
79-20-9	Methyl acetate	17	U	250	17
123-91-1	1,4-Dioxane	1800	U	2500	1800
79-01-6	Trichloroethene	4.6	U	50	4.6
108-88-3	Toluene	7.5	U	50	7.5
10061-02-6	trans-1,3-Dichloropropene	12	U	50	12
108-10-1	4-Methyl-2-pentanone	49	U	250	49
10061-01-5	cis-1,3-Dichloropropene	9.2	U	50	9.2
95-50-1	1,2-Dichlorobenzene	10	U	50	10
541-73-1	1,3-Dichlorobenzene	6.8	U	50	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-182277/7

Matrix: Solid Lab File ID: B60702.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/20/2013 01:06

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 182277 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	12	U	50	12
120-82-1	1,2,4-Trichlorobenzene	17	U	50	17
87-61-6	1,2,3-Trichlorobenzene	26	U	50	26
78-87-5	1,2-Dichloropropane	4.3	U	50	4.3
108-87-2	Methylcyclohexane	6.8	U	50	6.8
127-18-4	Tetrachloroethene	4.9	U	50	4.9
1330-20-7	Xylenes, Total	18	U	150	18
96-12-8	1,2-Dibromo-3-Chloropropane	20	U	50	20
79-34-5	1,1,2,2-Tetrachloroethane	7.9	U	50	7.9
79-00-5	1,1,2-Trichloroethane	9.4	U	50	9.4
124-48-1	Dibromochloromethane	10	U	50	10
106-93-4	1,2-Dibromoethane	14	U	50	14
75-71-8	Dichlorodifluoromethane	11	U	50	11
74-97-5	Bromochloromethane	14	U	50	14
75-27-4	Bromodichloromethane	6.3	U	50	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-135
2037-26-5	Toluene-d8 (Surr)	102		59-150
460-00-4	Bromofluorobenzene	97		72-133
1868-53-7	Dibromofluoromethane (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-182277/7

Matrix: Solid Lab File ID: B60702.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/20/2013 01:06

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 182277 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60702.D		
Lims ID:	MB	Client ID:	
Inject. Date:	20-Sep-2013 01:06:30	Dil. Factor:	50.0000
Sample Type:	MB		
Sample ID:	MB		
Misc. Info.:	460-0004826-007		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	6
Lims Batch ID:	182277	Lims Sample ID:	7
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\8260W_2.m		
Last Update:	20-Sep-2013 11:00:50	Calib Date:	18-Sep-2013 04:57:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4744.b\B60605.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtx-624	Column Dia:	0.25 mm
Process Host:	XAWRK006		
First Level Reviewer: desais		Date:	20-Sep-2013 10:32:22

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	2.789	2.797	-0.008	55	343281	1000.0	
$ 57 Dibromofluoromethane (Surr)	113	4.484	4.492	-0.008	98	190481	49.7	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.887	0.0	89	285975	50.3	
* 58 Fluorobenzene	96	5.208	5.216	-0.008	97	613889	50.0	
* 65 1,4-Dioxane-d8	96	6.072	6.081	-0.009	89	36763	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.208	7.208	0.0	97	643685	50.8	
* 87 Chlorobenzene-d5	117	8.772	8.772	0.0	89	506863	50.0	
$ 97 4-Bromofluorobenzene	174	9.858	9.858	0.0	91	241471	48.4	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	97	300516	50.0	

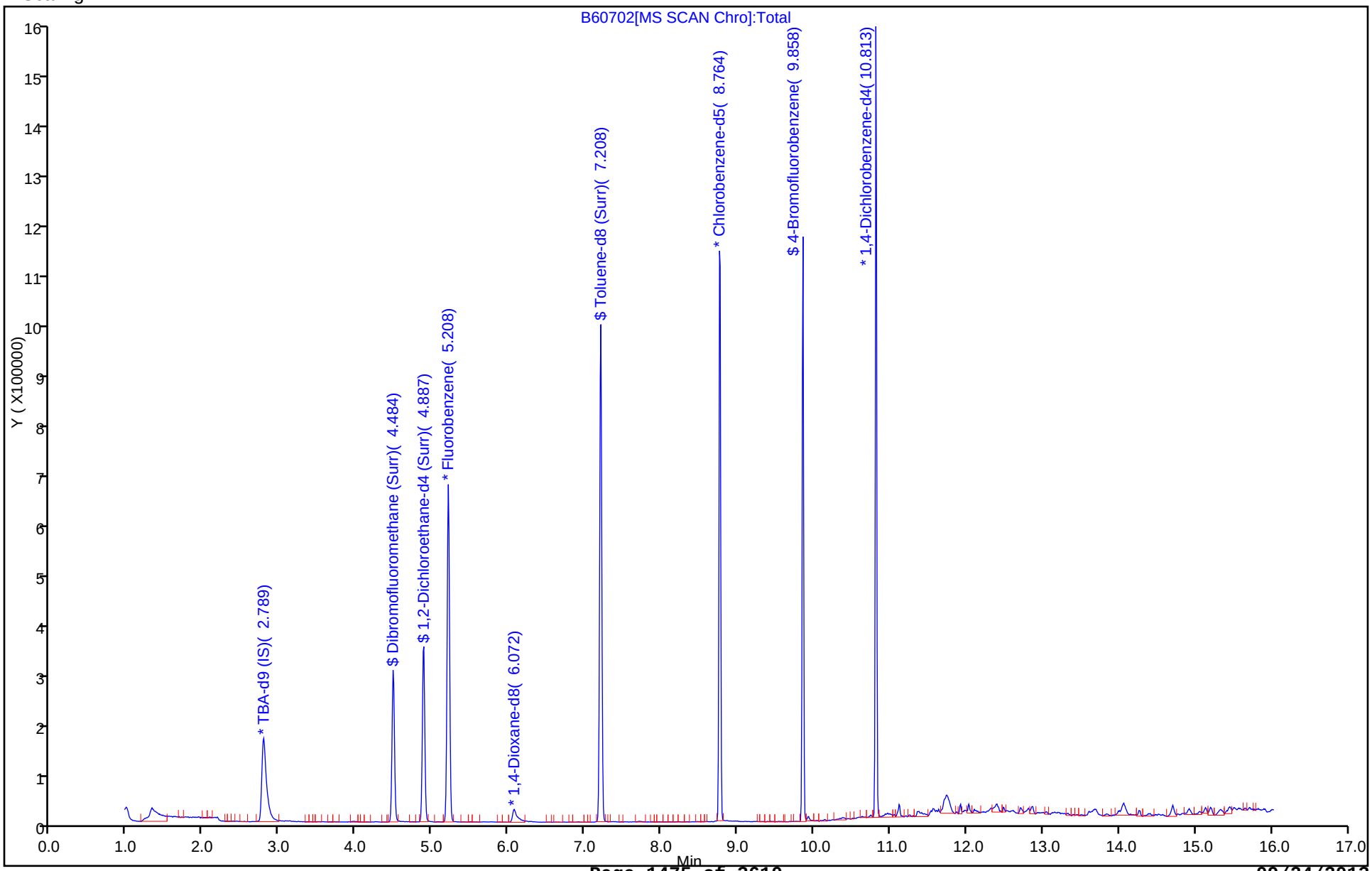
Report Date: 20-Sep-2013 11:00:52 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60702.D

Injection Date:	20-Sep-2013 01:06:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	7
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-182287/7

Matrix: Solid | Lab File ID: O78101.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 09/20/2013 07:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 182287 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	1.0	0.16
74-83-9	Bromomethane	0.43	U	1.0	0.43
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Chloroethane	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.15	U	1.0	0.15
67-64-1	Acetone	2.72	J	5.0	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	5.0	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	5.0	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	20	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-182287/7

Matrix: Solid | Lab File ID: O78101.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 09/20/2013 07:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 182287 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		70-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
460-00-4	Bromofluorobenzene	96		70-130
1868-53-7	Dibromofluoromethane (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-182287/7

Matrix: Solid Lab File ID: O78101.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 09/20/2013 07:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182287 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78101.D		
Lims ID:	MB	Client ID:	
Inject. Date:	20-Sep-2013 07:50:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	MB		
Misc. Info.:	460-0004833-007		
Operator:	VOA GC/MS12	Instrument ID:	CVOAMS12
Purge Vol:	5.000 mL	ALS Bottle#:	6
Lims Batch ID:	182287	Lims Sample ID:	7
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\8260S_12.m		
Last Update:	20-Sep-2013 10:26:47	Calib Date:	06-Aug-2013 22:09:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D		
Limit Group:	VOA - 8260B Water and Solid		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK016		
First Level Reviewer: delpolitov		Date:	20-Sep-2013 10:26:47

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.639	1.625	0.014	57	4854	2.72	
* 151 TBA-d9 (IS)	65	1.897	1.904	-0.007	86	404218	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	97	102669	49.7	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.359	3.359	0.0	87	108218	59.4	
* 59 Fluorobenzene	96	3.659	3.659	0.0	100	447686	50.0	
* 150 1,4-Dioxane-d8	96	4.361	4.347	0.014	86	39269	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	467074	52.6	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	443831	50.0	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	95	167251	48.1	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	254074	50.0	

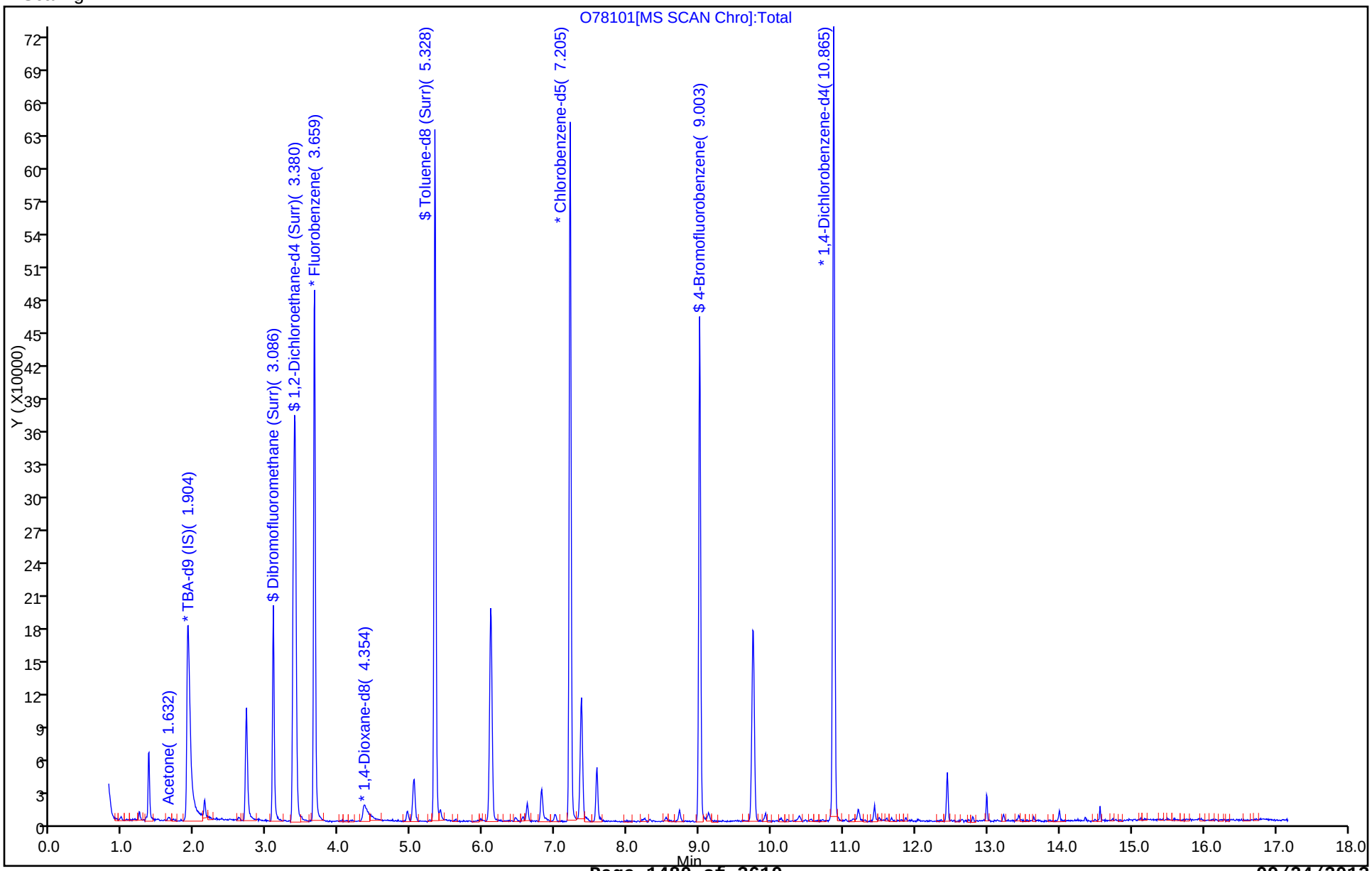
Report Date: 20-Sep-2013 10:26:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78101.D

Injection Date:	20-Sep-2013 07:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	7
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



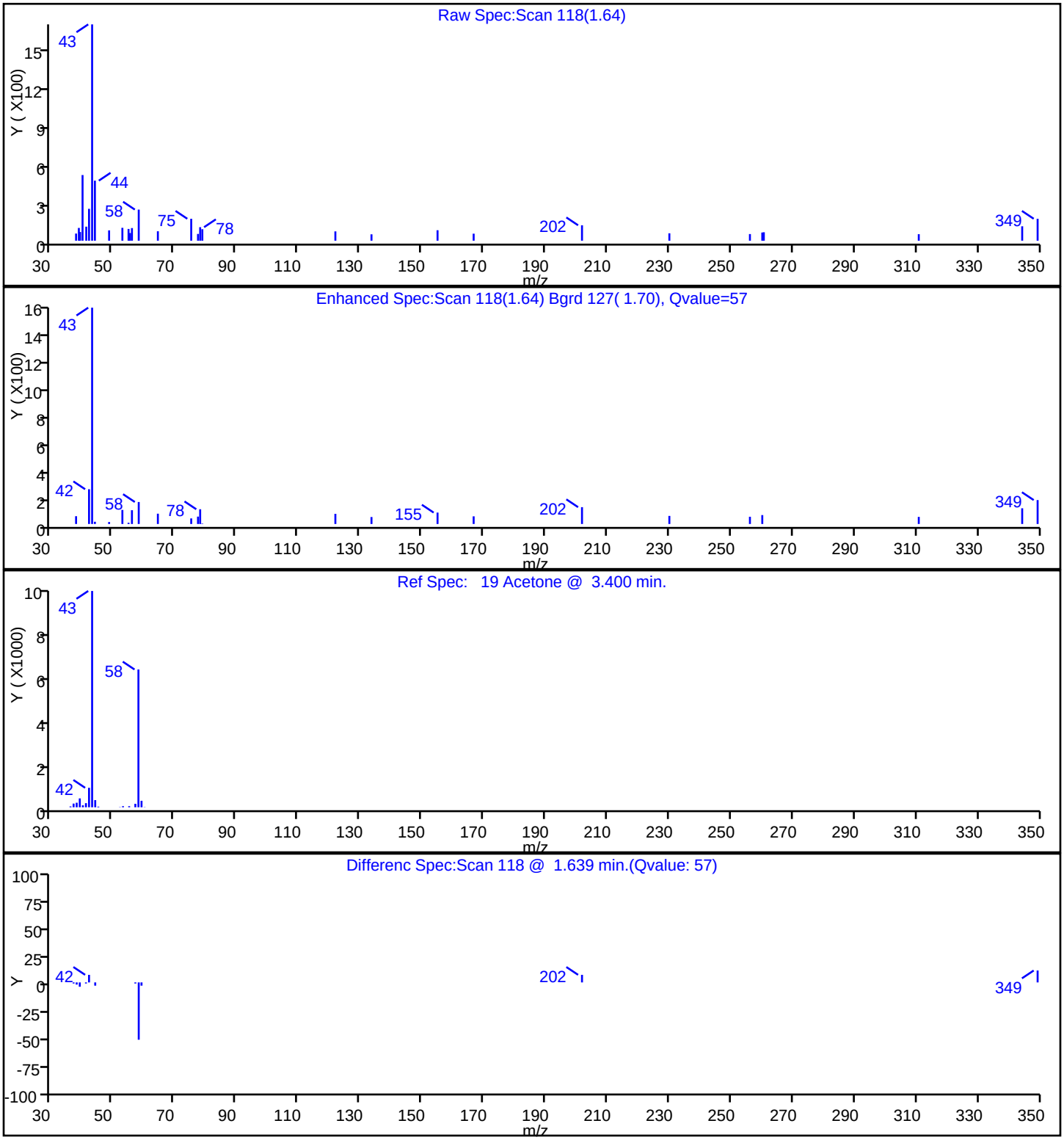
Report Date: 20-Sep-2013 10:26:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78101.D

Injection Date:	20-Sep-2013 07:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	7
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

19 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181583/3

Matrix: Solid | Lab File ID: O77910.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 09/16/2013 16:34

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.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	19.6		1.0	0.16
74-83-9	Bromomethane	21.9		1.0	0.43
75-01-4	Vinyl chloride	20.5		1.0	0.34
75-00-3	Chloroethane	20.3		1.0	0.33
75-09-2	Methylene Chloride	19.2		1.0	0.15
67-64-1	Acetone	140		5.0	1.7
75-15-0	Carbon disulfide	17.1		1.0	0.15
75-69-4	Trichlorofluoromethane	22.4		1.0	0.16
75-35-4	1,1-Dichloroethene	18.4		1.0	0.19
75-34-3	1,1-Dichloroethane	17.2		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	19.0		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.5		1.0	0.11
67-66-3	Chloroform	18.7		1.0	0.24
78-93-3	2-Butanone	95.6		5.0	0.63
107-06-2	1,2-Dichloroethane	19.9		1.0	0.18
71-55-6	1,1,1-Trichloroethane	20.1		1.0	0.13
56-23-5	Carbon tetrachloride	20.2		1.0	0.15
71-43-2	Benzene	18.1		1.0	0.15
75-25-2	Bromoform	19.3		1.0	0.17
100-42-5	Styrene	19.3		1.0	0.28
100-41-4	Ethylbenzene	19.3		1.0	0.17
108-90-7	Chlorobenzene	19.1		1.0	0.18
110-82-7	Cyclohexane	17.0		1.0	0.13
98-82-8	Isopropylbenzene	19.4		1.0	0.11
591-78-6	2-Hexanone	104		5.0	0.13
1634-04-4	MTBE	22.6		1.0	0.11
76-13-1	Freon TF	18.9		1.0	0.11
79-20-9	Methyl acetate	98.9		1.0	0.32
123-91-1	1,4-Dioxane	409		20	13
79-01-6	Trichloroethene	19.2		1.0	0.12
108-88-3	Toluene	18.9		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	20.9		1.0	0.10
108-10-1	4-Methyl-2-pentanone	95.5		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	20.0		1.0	0.14
95-50-1	1,2-Dichlorobenzene	19.2		1.0	0.10
541-73-1	1,3-Dichlorobenzene	19.2		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181583/3

Matrix: Solid | Lab File ID: O77910.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 09/16/2013 16:34

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.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.7		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	18.1		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	18.0		1.0	0.16
78-87-5	1,2-Dichloropropane	17.6		1.0	0.15
108-87-2	Methylcyclohexane	19.8		1.0	0.10
127-18-4	Tetrachloroethene	19.0		1.0	0.12
1330-20-7	Xylenes, Total	39.1		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	21.6		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	18.8		1.0	0.090
79-00-5	1,1,2-Trichloroethane	19.6		1.0	0.14
124-48-1	Dibromochloromethane	20.8		1.0	0.10
106-93-4	1,2-Dibromoethane	20.2		1.0	0.15
75-71-8	Dichlorodifluoromethane	23.3		1.0	0.22
74-97-5	Bromochloromethane	18.9		1.0	0.11
75-27-4	Bromodichloromethane	19.0		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
2037-26-5	Toluene-d8 (Surr)	107		70-130
460-00-4	Bromofluorobenzene	103		70-130
1868-53-7	Dibromofluoromethane (Surr)	103		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77910.D
Lims ID: LCS
Client ID:
Inject. Date: 16-Sep-2013 16:34:30
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: LCS
Misc. Info.: 460-0004675-003
Operator: VOA GC/MS12
Instrument ID: CVOAMS12
Purge Vol: 5.000 mL
ALS Bottle#: 2
Lims Batch ID: 181583
Lims Sample ID: 3
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m
Last Update: 17-Sep-2013 06:59:40
Calib Date: 06-Aug-2013 22:09:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D
Limit Group: VOA - 8260B Water and Solid
Integrator: RTE
ID Type: Deconvolution ID
Column Type: Rtx-624
Column Dia: 0.25 mm
Process Host: XAWRK040

First Level Reviewer: delpolitov
Date: 17-Sep-2013 06:52:13

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.858	0.858	0.0	65	85833	23.3	
2 Chloromethane	50	0.959	0.959	0.0	75	67705	19.6	
4 Vinyl chloride	62	0.995	0.995	0.0	52	79082	20.5	
149 Butadiene	54	0.995	0.995	0.0	92	65008	19.2	
6 Bromomethane	94	1.145	1.145	0.0	97	46811	21.9	
7 Chloroethane	64	1.188	1.188	0.0	95	40463	20.3	
9 Dichlorofluoromethane	67	1.295	1.295	0.0	85	106510	20.1	
8 Trichlorofluoromethane	101	1.310	1.310	0.0	83	100616	22.4	
11 Ethanol	46	1.460	1.460	0.0	91	10419	757.6	
34 Isopropyl alcohol	45	1.460	1.460	0.0	67	25559	176.9	
13 Ethyl ether	59	1.467	1.467	0.0	94	31359	18.1	
14 2-Methyl-1,3-butadiene	67	1.475	1.475	0.0	93	80523	20.6	
17 Acrolein	56	1.539	1.539	0.0	39	10268	54.8	
18 1,1-Dichloroethene	96	1.582	1.582	0.0	88	50342	18.4	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.582	1.582	0.0	76	53143	18.9	
19 Acetone	43	1.625	1.625	0.0	86	64437	140.4	
20 Iodomethane	142	1.668	1.668	0.0	97	62319	16.0	
21 Carbon disulfide	76	1.697	1.697	0.0	98	161514	17.1	
147 3-Chloro-1-propene	76	1.783	1.783	0.0	85	33633	17.9	
24 Acetonitrile	41	1.783	1.783	0.0	72	85844	151.3	
23 Methyl acetate	43	1.804	1.804	0.0	96	116730	98.9	
22 Cyclopentene	67	1.825	1.825	0.0	80	149178	19.7	
25 Methylene Chloride	84	1.861	1.861	0.0	74	53591	19.2	
* 151 TBA-d9 (IS)	65	1.897	1.897	0.0	99	215919	1000.0	
26 2-Methyl-2-propanol	59	1.954	1.954	0.0	93	41937	163.3	
30 Acrylonitrile	53	2.019	2.019	0.0	95	129103	188.3	
29 trans-1,2-Dichloroethene	96	2.019	2.019	0.0	81	54095	19.0	
27 Methyl tert-butyl ether	73	2.026	2.026	0.0	95	123199	22.6	
32 Hexane	43	2.191	2.191	0.0	89	38732	16.7	
36 1,1-Dichloroethane	63	2.291	2.291	0.0	89	84992	17.2	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	43	2.341	2.341	0.0	99	159204	38.2	
35 Isopropyl ether	45	2.348	2.348	0.0	76	122065	19.3	
33 2-Chloro-1,3-butadiene	88	2.348	2.348	0.0	85	50367	19.0	
40 Tert-butyl ethyl ether	59	2.599	2.599	0.0	90	137618	21.5	
41 2,2-Dichloropropane	77	2.692	2.692	0.0	90	74846	19.2	
42 cis-1,2-Dichloroethene	96	2.699	2.699	0.0	93	57498	18.5	
43 2-Butanone (MEK)	72	2.735	2.735	0.0	99	28666	95.6	
44 Ethyl acetate	43	2.778	2.778	0.0	98	68125	36.8	
48 Propionitrile	54	2.785	2.785	0.0	87	58252	164.4	
39 Methyl acrylate	55	2.800	2.800	0.0	84	41939	20.4	
46 Chlorobromomethane	128	2.886	2.886	0.0	72	26517	18.9	
31 Methacrylonitrile	67	2.893	2.893	0.0	87	173916	209.0	
45 Tetrahydrofuran	42	2.921	2.921	0.0	83	26182	32.7	
47 Chloroform	83	2.950	2.950	0.0	93	82595	18.7	
50 1,1,1-Trichloroethane	97	3.079	3.079	0.0	80	76179	20.1	
$ 152 Dibromofluoromethane (Surr)	113	3.079	3.079	0.0	98	87388	51.5	
49 Cyclohexane	56	3.115	3.115	0.0	83	81292	17.0	
51 Carbon tetrachloride	117	3.215	3.215	0.0	89	64663	20.2	
52 1,1-Dichloropropene	75	3.222	3.222	0.0	96	66528	19.5	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.358	0.0	78	84996	56.7	
56 Isobutyl alcohol	43	3.394	3.394	0.0	33	17671	454.1	
53 Benzene	78	3.394	3.394	0.0	91	198377	18.1	
55 1,2-Dichloroethane	62	3.423	3.423	0.0	89	55219	19.9	
57 Isopropyl acetate	43	3.516	3.516	0.0	77	95016	21.8	
142 Tert-amyl methyl ether	73	3.516	3.516	0.0	85	127150	22.6	
* 59 Fluorobenzene	96	3.652	3.652	0.0	97	367886	50.0	
58 n-Heptane	57	3.659	3.659	0.0	76	50613	18.9	
60 2,4,4-Trimethyl-1-pentene	57	3.960	3.960	0.0	95	282489	38.6	
61 Trichloroethene	95	3.996	3.996	0.0	93	52911	19.2	
62 n-Butanol	56	4.025	4.025	0.0	73	31759	417.7	
64 Ethyl acrylate	55	4.168	4.168	0.0	94	116805	20.0	
63 Methylcyclohexane	83	4.168	4.168	0.0	88	100844	19.8	
65 1,2-Dichloropropane	63	4.225	4.225	0.0	85	43886	17.6	
68 Dibromomethane	93	4.347	4.347	0.0	88	25584	18.0	
* 150 1,4-Dioxane-d8	96	4.354	4.354	0.0	30	22030	1000.0	
66 Methyl methacrylate	41	4.397	4.397	0.0	80	58627	40.4	
67 1,4-Dioxane	88	4.404	4.404	0.0	30	12333	409.5	
69 n-Propyl acetate	43	4.483	4.483	0.0	96	48334	20.9	
70 Dichlorobromomethane	83	4.533	4.533	0.0	95	61534	19.0	
71 2-Nitropropane	41	4.805	4.805	0.0	97	18531	45.9	
72 2-Chloroethyl vinyl ether	63	4.906	4.906	0.0	89	19518	25.0	
73 Epichlorohydrin	57	4.956	4.956	0.0	86	70307	363.4	
38 Allyl alcohol	57	4.956	4.956	0.0	80	70307	0	
74 cis-1,3-Dichloropropene	75	5.035	5.035	0.0	83	76700	20.0	
75 4-Methyl-2-pentanone (MIBK)	43	5.249	5.249	0.0	93	160571	95.5	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	386056	53.5	
77 Toluene	91	5.407	5.407	0.0	93	235508	18.9	
78 trans-1,3-Dichloropropene	75	5.729	5.729	0.0	92	67867	20.9	
82 Ethyl methacrylate	69	5.901	5.901	0.0	84	52142	20.4	
79 1,1,2-Trichloroethane	83	5.944	5.944	0.0	92	33242	19.6	
80 Tetrachloroethene	166	6.066	6.066	0.0	92	66010	19.0	
81 1,3-Dichloropropane	76	6.145	6.145	0.0	88	69280	19.2	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	43	6.324	6.324	0.0	93	128577	103.9	
84 Chlorodibromomethane	129	6.431	6.431	0.0	96	48712	20.8	
86 Ethylene Dibromide	107	6.546	6.546	0.0	94	41741	20.2	
85 n-Butyl acetate	43	6.546	6.546	0.0	94	47407	17.7	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	84	360658	50.0	
88 Chlorobenzene	112	7.241	7.241	0.0	97	158597	19.1	
90 1,1,1,2-Tetrachloroethane	131	7.391	7.391	0.0	91	52359	20.2	
89 Ethylbenzene	106	7.441	7.441	0.0	97	88271	19.3	
91 m-Xylene & p-Xylene	106	7.628	7.628	0.0	94	104994	19.2	
92 o-Xylene	106	8.201	8.201	0.0	77	103426	19.9	
94 Styrene	104	8.236	8.236	0.0	96	172028	19.3	
93 n-Butyl acrylate	73	8.308	8.308	0.0	97	37550	21.7	
97 Bromoform	173	8.466	8.466	0.0	97	33900	19.3	
96 Amyl acetate (mixed isomers)	43	8.702	8.702	0.0	93	64763	19.8	
98 Isopropylbenzene	105	8.802	8.802	0.0	95	285154	19.4	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	93	144813	51.3	
95 Camphene	41	9.125	9.125	0.0	77	20614	18.4	
100 Bromobenzene	156	9.182	9.182	0.0	94	68760	19.2	
101 1,1,2,2-Tetrachloroethane	83	9.340	9.340	0.0	93	54161	18.8	
103 1,2,3-Trichloropropane	110	9.354	9.354	0.0	92	16973	20.9	
104 trans-1,4-Dichloro-2-butene	53	9.433	9.433	0.0	80	13789	19.2	
102 N-Propylbenzene	91	9.454	9.454	0.0	99	329555	19.2	
105 2-Chlorotoluene	91	9.526	9.526	0.0	96	191914	19.9	
143 4-Ethyltoluene	105	9.655	9.655	0.0	98	309566	21.7	
107 4-Chlorotoluene	91	9.712	9.712	0.0	95	203611	20.3	
106 1,3,5-Trimethylbenzene	105	9.769	9.769	0.0	93	242333	20.3	
108 Butyl Methacrylate	87	10.070	10.070	0.0	85	72462	21.1	
109 tert-Butylbenzene	119	10.278	10.278	0.0	93	215895	19.7	
110 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	97	246359	19.9	
113 sec-Butylbenzene	105	10.643	10.643	0.0	99	325292	19.5	
115 1,3-Dichlorobenzene	146	10.736	10.736	0.0	97	142258	19.2	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	215640	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	95	140187	18.7	
114 4-Isopropyltoluene	119	10.923	10.923	0.0	93	287390	19.2	
118 Benzyl chloride	91	11.173	11.173	0.0	99	109863	20.8	
119 2,3-Dihydroindene	117	11.302	11.302	0.0	94	264834	21.3	
121 1,2-Dichlorobenzene	146	11.453	11.453	0.0	97	135599	19.2	
133 p-Diethylbenzene	119	11.517	11.517	0.0	94	188091	20.7	
120 n-Butylbenzene	91	11.546	11.546	0.0	97	310184	19.1	
122 1,2-Dibromo-3-Chloropropane	75	12.427	12.427	0.0	84	13103	21.6	
132 1,2,4,5-Tetramethylbenzene	119	12.448	12.448	0.0	97	283595	21.1	
145 1,3,5-Trichlorobenzene	180	12.642	12.642	0.0	96	124887	18.3	
123 Camphor	95	13.143	13.143	0.0	88	34633	114.0	
124 1,2,4-Trichlorobenzene	180	13.229	13.229	0.0	91	106975	18.1	
126 Hexachlorobutadiene	225	13.408	13.408	0.0	94	58366	16.4	
127 Naphthalene	128	13.430	13.430	0.0	99	221373	19.9	
128 1,2,3-Trichlorobenzene	180	13.645	13.645	0.0	94	93103	18.0	
S 130 1,2-Dichloroethene, Total	100				0		37.5	
S 131 Xylenes, Total	100				0		39.1	
S 139 Total BTEX	1				0		95.4	

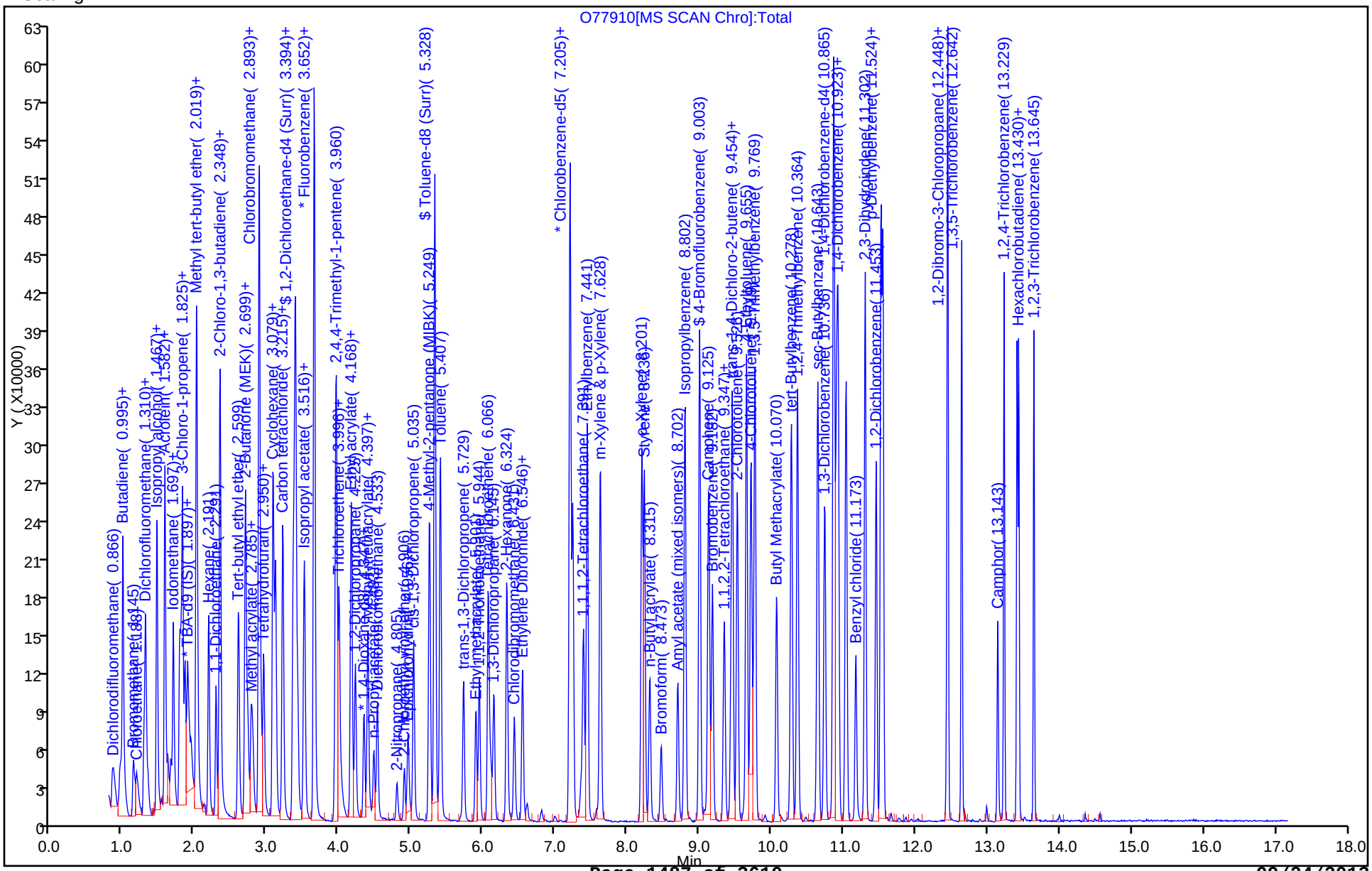
Report Date: 17-Sep-2013 06:59:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77910.D

Injection Date:	16-Sep-2013 16:34:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	3
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181663/4

Matrix: Solid Lab File ID: O77940.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 09/17/2013 05:54

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.: 181663 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	14.5		1.0	0.16
74-83-9	Bromomethane	20.0		1.0	0.43
75-01-4	Vinyl chloride	19.6		1.0	0.34
75-00-3	Chloroethane	18.6		1.0	0.33
75-09-2	Methylene Chloride	17.9		1.0	0.15
67-64-1	Acetone	155		5.0	1.7
75-15-0	Carbon disulfide	16.5		1.0	0.15
75-69-4	Trichlorofluoromethane	21.9		1.0	0.16
75-35-4	1,1-Dichloroethene	18.0		1.0	0.19
75-34-3	1,1-Dichloroethane	17.1		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	19.1		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.9		1.0	0.11
67-66-3	Chloroform	18.8		1.0	0.24
78-93-3	2-Butanone	86.6		5.0	0.63
107-06-2	1,2-Dichloroethane	20.4		1.0	0.18
71-55-6	1,1,1-Trichloroethane	20.6		1.0	0.13
56-23-5	Carbon tetrachloride	20.3		1.0	0.15
71-43-2	Benzene	18.9		1.0	0.15
75-25-2	Bromoform	19.3		1.0	0.17
100-42-5	Styrene	19.8		1.0	0.28
100-41-4	Ethylbenzene	19.8		1.0	0.17
108-90-7	Chlorobenzene	19.2		1.0	0.18
110-82-7	Cyclohexane	17.7		1.0	0.13
98-82-8	Isopropylbenzene	19.3		1.0	0.11
591-78-6	2-Hexanone	107		5.0	0.13
1634-04-4	MTBE	23.6		1.0	0.11
76-13-1	Freon TF	19.2		1.0	0.11
79-20-9	Methyl acetate	103		1.0	0.32
123-91-1	1,4-Dioxane	337		20	13
79-01-6	Trichloroethene	18.8		1.0	0.12
108-88-3	Toluene	19.6		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	21.6		1.0	0.10
108-10-1	4-Methyl-2-pentanone	101		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	20.2		1.0	0.14
95-50-1	1,2-Dichlorobenzene	19.1		1.0	0.10
541-73-1	1,3-Dichlorobenzene	19.2		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181663/4

Matrix: Solid | Lab File ID: O77940.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 09/17/2013 05:54

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.: 181663 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.9		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	18.3		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	18.5		1.0	0.16
78-87-5	1,2-Dichloropropane	18.1		1.0	0.15
108-87-2	Methylcyclohexane	20.1		1.0	0.10
127-18-4	Tetrachloroethene	19.2		1.0	0.12
1330-20-7	Xylenes, Total	39.7		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	22.2		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	19.8		1.0	0.090
79-00-5	1,1,2-Trichloroethane	19.9		1.0	0.14
124-48-1	Dibromochloromethane	21.3		1.0	0.10
106-93-4	1,2-Dibromoethane	20.7		1.0	0.15
75-71-8	Dichlorodifluoromethane	23.0		1.0	0.22
74-97-5	Bromochloromethane	19.4		1.0	0.11
75-27-4	Bromodichloromethane	19.6		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
2037-26-5	Toluene-d8 (Surr)	109		70-130
460-00-4	Bromofluorobenzene	101		70-130
1868-53-7	Dibromofluoromethane (Surr)	100		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77940.D
Lims ID: LCS
Client ID:
Inject. Date: 17-Sep-2013 05:54:30
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: LCSD
Misc. Info.: 460-0004695-004
Operator: VOA GC/MS12
Instrument ID: CVOAMS12
Purge Vol: 5.000 mL
ALS Bottle#: 3
Lims Batch ID: 181663
Lims Sample ID: 4
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\8260S_12.m
Last Update: 20-Sep-2013 14:13:42
Calib Date: 06-Aug-2013 22:09:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D
Limit Group: VOA - 8260B Water and Solid
Integrator: RTE
ID Type: Deconvolution ID
Column Type: Rtx-624
Column Dia: 0.25 mm
Process Host: XAWRK016

First Level Reviewer: delpolitov
Date: 20-Sep-2013 14:13:42

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.859	0.866	-0.007	99	88274	23.0	
2 Chloromethane	50	0.980	0.973	0.007	67	53031	14.5	
4 Vinyl chloride	62	0.995	0.995	0.0	67	78893	19.6	
149 Butadiene	54	1.002	1.002	0.0	93	66788	18.9	
6 Bromomethane	94	1.145	1.145	0.0	96	44733	20.0	
7 Chloroethane	64	1.195	1.195	0.0	95	38631	18.6	
9 Dichlorofluoromethane	67	1.296	1.295	0.001	90	110579	20.0	
8 Trichlorofluoromethane	101	1.317	1.317	0.0	85	102736	21.9	
13 Ethyl ether	59	1.467	1.467	0.0	91	34794	19.2	
11 Ethanol	46	1.432	1.467	-0.035	65	11318	730.6	
14 2-Methyl-1,3-butadiene	67	1.475	1.475	0.0	94	82194	20.2	
17 Acrolein	56	1.539	1.546	-0.007	77	17734	84.1	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.582	1.582	0.0	75	56309	19.2	
18 1,1-Dichloroethene	96	1.582	1.582	0.0	88	51365	18.0	
19 Acetone	43	1.632	1.632	0.0	89	73618	154.5	
23 Methyl acetate	43	1.811	1.811	0.0	96	126024	102.6	
20 Iodomethane	142	1.668	1.668	0.0	95	57205	14.1	
21 Carbon disulfide	76	1.697	1.704	-0.007	98	162349	16.5	
34 Isopropyl alcohol	45	1.467	1.475	-0.008	52	28533	175.4	
147 3-Chloro-1-propene	76	1.790	1.790	0.0	93	30301	15.5	
24 Acetonitrile	41	1.790	1.790	0.0	76	83739	141.7	
22 Cyclopentene	67	1.826	1.833	-0.007	80	147470	18.7	
25 Methylene Chloride	84	1.861	1.869	-0.008	75	52126	17.9	
* 151 TBA-d9 (IS)	65	1.912	1.911	0.001	99	243221	1000.0	
26 2-Methyl-2-propanol	59	1.962	1.962	0.0	94	58449	207.9	
29 trans-1,2-Dichloroethene	96	2.019	2.026	-0.007	81	56733	19.1	
30 Acrylonitrile	53	2.026	2.026	0.0	95	138216	193.4	
27 Methyl tert-butyl ether	73	2.033	2.033	0.0	94	133824	23.6	
32 Hexane	43	2.191	2.191	0.0	88	41912	17.3	
36 1,1-Dichloroethane	63	2.291	2.298	-0.007	91	88046	17.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	43	2.341	2.341	0.0	99	172184	39.6	
33 2-Chloro-1,3-butadiene	88	2.356	2.356	0.0	78	53875	19.5	
35 Isopropyl ether	45	2.348	2.356	-0.008	82	128658	19.5	
40 Tert-butyl ethyl ether	59	2.606	2.606	0.0	90	139628	21.0	
41 2,2-Dichloropropane	77	2.699	2.699	0.0	86	77254	19.0	
42 cis-1,2-Dichloroethene	96	2.707	2.707	0.0	92	61149	18.9	
43 2-Butanone (MEK)	72	2.735	2.742	-0.007	96	29239	86.6	
44 Ethyl acetate	43	2.785	2.785	0.0	97	70180	36.4	
48 Propionitrile	54	2.785	2.793	-0.008	86	62362	156.3	
39 Methyl acrylate	55	2.807	2.807	0.0	87	44090	20.6	
46 Chlorobromomethane	128	2.886	2.886	0.0	70	28408	19.4	
31 Methacrylonitrile	67	2.893	2.900	-0.007	86	184431	212.7	
45 Tetrahydrofuran	42	2.929	2.936	-0.007	83	27513	30.5	
47 Chloroform	83	2.957	2.957	0.0	93	86539	18.8	
50 1,1,1-Trichloroethane	97	3.086	3.086	0.0	77	81503	20.6	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	97	88331	49.9	
49 Cyclohexane	56	3.115	3.122	-0.007	86	88234	17.7	
51 Carbon tetrachloride	117	3.215	3.215	0.0	90	67719	20.3	
52 1,1-Dichloropropene	75	3.222	3.222	0.0	94	69720	19.6	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.358	0.0	83	87873	56.3	
53 Benzene	78	3.401	3.401	0.0	86	210720	18.9	
56 Isobutyl alcohol	43	3.394	3.401	-0.007	30	22772	497.1	
55 1,2-Dichloroethane	62	3.430	3.430	0.0	91	58929	20.4	
57 Isopropyl acetate	43	3.516	3.516	0.0	82	96733	21.3	
142 Tert-amyl methyl ether	73	3.523	3.523	0.0	86	134277	22.9	
* 59 Fluorobenzene	96	3.659	3.659	0.0	97	383395	50.0	
58 n-Heptane	57	3.659	3.659	0.0	50	53806	19.4	
60 2,4,4-Trimethyl-1-pentene	57	3.960	3.960	0.0	95	289278	37.9	
61 Trichloroethene	95	3.996	4.003	-0.007	94	54062	18.8	
62 n-Butanol	56	4.032	4.032	0.0	80	36173	422.5	
64 Ethyl acrylate	55	4.168	4.168	0.0	94	121621	20.0	
63 Methylcyclohexane	83	4.168	4.168	0.0	85	106424	20.1	
65 1,2-Dichloropropane	63	4.225	4.225	0.0	87	47211	18.1	
68 Dibromomethane	93	4.347	4.347	0.0	90	28196	19.0	
* 150 1,4-Dioxane-d8	96	4.354	4.354	0.0	37	25580	1000.0	
66 Methyl methacrylate	41	4.404	4.404	0.0	78	62279	41.2	
67 1,4-Dioxane	88	4.411	4.404	0.007	53	11778	336.8	
69 n-Propyl acetate	43	4.483	4.490	-0.007	95	50829	21.1	
70 Dichlorobromomethane	83	4.533	4.533	0.0	95	66380	19.6	
71 2-Nitropropane	41	4.805	4.805	0.0	97	19013	45.2	
72 2-Chloroethyl vinyl ether	63	4.906	4.906	0.0	88	16926	20.8	
73 Epichlorohydrin	57	4.956	4.963	-0.007	91	74139	376.9	
38 Allyl alcohol	57	4.956	4.963	-0.007	80	74139	0	
74 cis-1,3-Dichloropropene	75	5.035	5.035	0.0	84	78927	20.2	
75 4-Methyl-2-pentanone (MIBK)	43	5.257	5.257	0.0	93	172916	101.2	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	98	398666	54.3	
77 Toluene	91	5.407	5.407	0.0	93	248558	19.6	
78 trans-1,3-Dichloropropene	75	5.729	5.729	0.0	92	71036	21.6	
82 Ethyl methacrylate	69	5.901	5.901	0.0	86	57148	22.0	
79 1,1,2-Trichloroethane	83	5.944	5.944	0.0	92	34289	19.9	
80 Tetrachloroethene	166	6.073	6.073	0.0	91	67850	19.2	
81 1,3-Dichloropropane	76	6.152	6.152	0.0	87	74327	20.3	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	43	6.331	6.331	0.0	92	133985	106.6	
84 Chlorodibromomethane	129	6.431	6.431	0.0	96	50841	21.3	
86 Ethylene Dibromide	107	6.546	6.546	0.0	91	43533	20.7	
85 n-Butyl acetate	43	6.546	6.546	0.0	96	51782	19.1	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	366680	50.0	
88 Chlorobenzene	112	7.241	7.248	-0.007	97	162041	19.2	
90 1,1,1,2-Tetrachloroethane	131	7.391	7.398	-0.007	86	54147	20.6	
89 Ethylbenzene	106	7.441	7.441	0.0	97	92418	19.8	
91 m-Xylene & p-Xylene	106	7.628	7.628	0.0	94	109040	19.6	
92 o-Xylene	106	8.201	8.201	0.0	95	106075	20.1	
94 Styrene	104	8.236	8.236	0.0	99	179286	19.8	
93 n-Butyl acrylate	73	8.315	8.315	0.0	98	38188	21.7	
97 Bromoform	173	8.473	8.473	0.0	97	34328	19.3	
96 Amyl acetate (mixed isomers)	43	8.702	8.702	0.0	92	63653	19.6	
98 Isopropylbenzene	105	8.802	8.802	0.0	95	288997	19.3	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	94	144737	50.4	
95 Camphene	41	9.125	9.125	0.0	89	18835	16.5	
100 Bromobenzene	156	9.182	9.182	0.0	93	72742	20.5	
101 1,1,2,2-Tetrachloroethane	83	9.340	9.340	0.0	92	56685	19.8	
103 1,2,3-Trichloropropane	110	9.354	9.354	0.0	91	17906	22.2	
104 trans-1,4-Dichloro-2-butene	53	9.433	9.433	0.0	79	14764	20.6	
102 N-Propylbenzene	91	9.454	9.454	0.0	100	338907	19.9	
105 2-Chlorotoluene	91	9.526	9.526	0.0	96	190362	19.9	
143 4-Ethyltoluene	105	9.655	9.655	0.0	100	294657	20.7	
107 4-Chlorotoluene	91	9.719	9.719	0.0	96	201124	20.1	
106 1,3,5-Trimethylbenzene	105	9.769	9.769	0.0	93	241662	20.3	
108 Butyl Methacrylate	87	10.070	10.077	-0.007	84	73151	21.4	
109 tert-Butylbenzene	119	10.278	10.278	0.0	91	218529	20.1	
110 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	96	247641	20.2	
113 sec-Butylbenzene	105	10.643	10.643	0.0	99	325850	19.6	
115 1,3-Dichlorobenzene	146	10.744	10.744	0.0	98	141820	19.2	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	90	214404	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	96	140810	18.9	
114 4-Isopropyltoluene	119	10.923	10.923	0.0	94	285076	19.1	
118 Benzyl chloride	91	11.173	11.173	0.0	98	107184	20.4	
119 2,3-Dihydroindene	117	11.302	11.302	0.0	95	250363	20.2	
121 1,2-Dichlorobenzene	146	11.453	11.453	0.0	96	134379	19.1	
133 p-Diethylbenzene	119	11.524	11.524	0.0	95	177961	19.7	
120 n-Butylbenzene	91	11.546	11.546	0.0	96	306443	19.0	
122 1,2-Dibromo-3-Chloropropane	75	12.434	12.434	0.0	1	13366	22.2	M
132 1,2,4,5-Tetramethylbenzene	119	12.448	12.448	0.0	98	273687	20.5	
145 1,3,5-Trichlorobenzene	180	12.642	12.642	0.0	97	119111	17.5	
123 Camphor	95	13.143	13.143	0.0	89	37570	123.6	
124 1,2,4-Trichlorobenzene	180	13.229	13.229	0.0	90	107267	18.3	
126 Hexachlorobutadiene	225	13.408	13.408	0.0	94	58910	16.6	
127 Naphthalene	128	13.430	13.430	0.0	99	229206	20.8	
128 1,2,3-Trichlorobenzene	180	13.645	13.645	0.0	94	95241	18.5	
S 131 Xylenes, Total	100				0		39.7	

QC Flag Legend

Review Flags
M - Manually Integrated

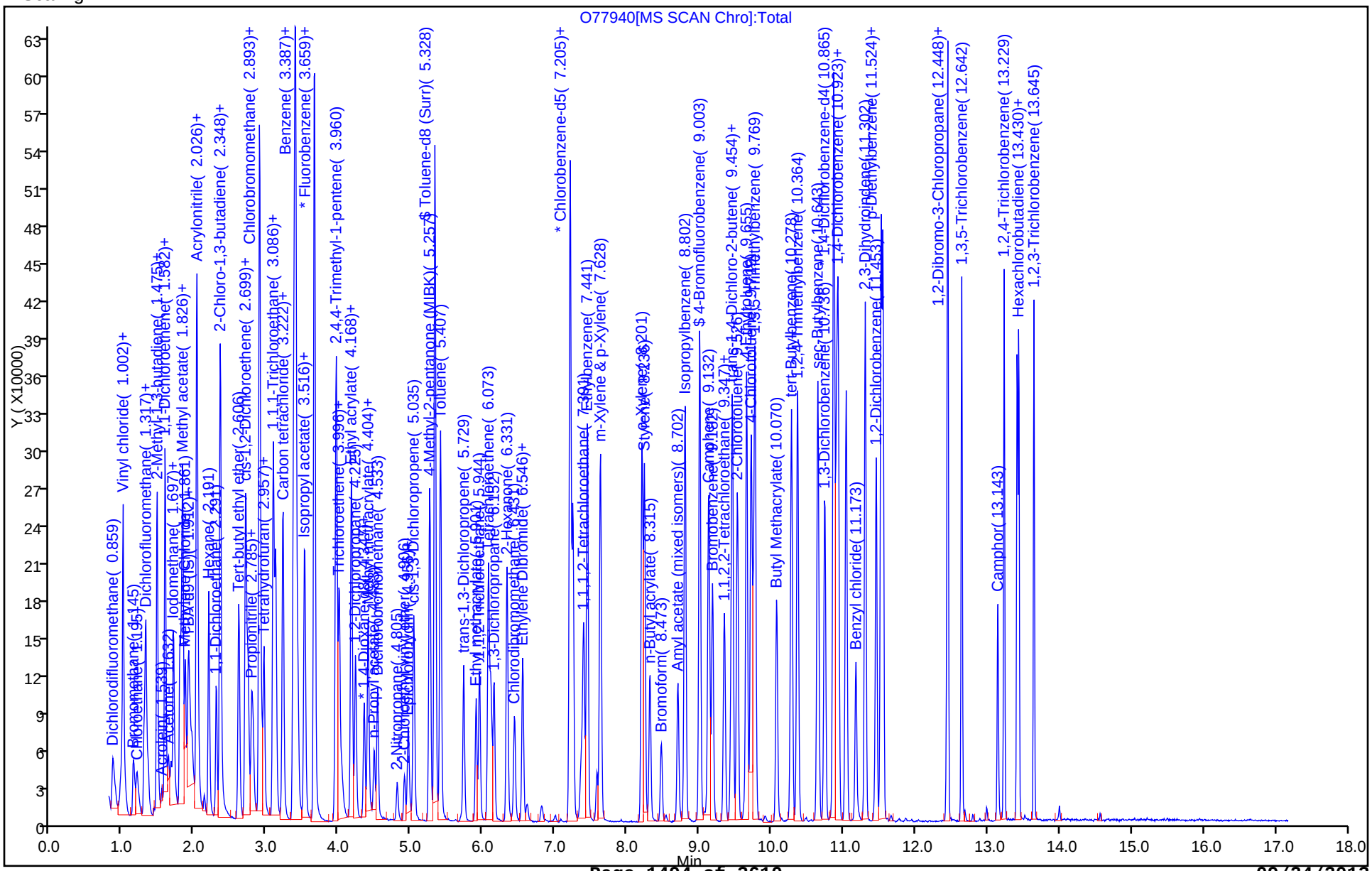
Report Date: 20-Sep-2013 14:13:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77940.D

Injection Date:	17-Sep-2013 05:54:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	4
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



Manual Integration/User Assign Peak Report

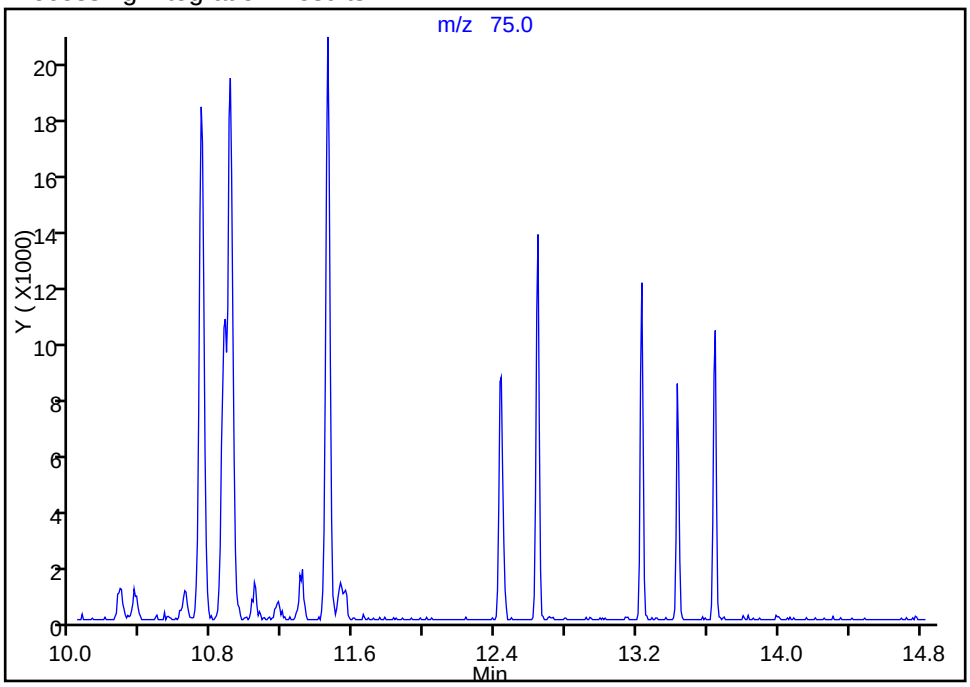
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77940.D		
Injection Date:	17-Sep-2013 05:54:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	4
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

122 1,2-Dibromo-3-Chloropropane, Signal: 1, m/z: 75.0 Type: quant, RT: 12.43

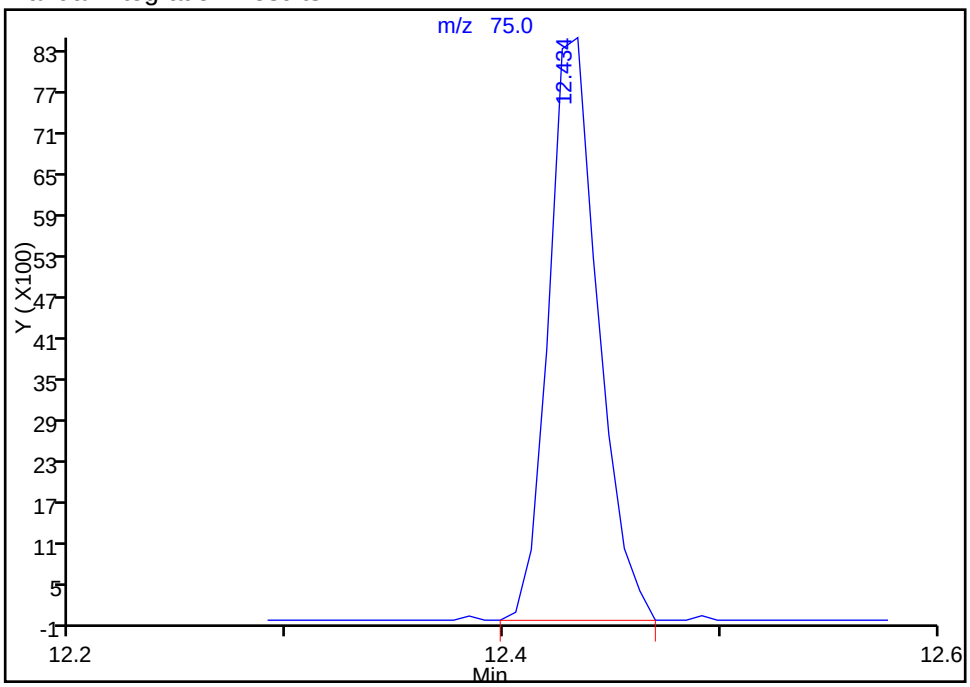
Not Detected
Expected RT: 12.43

Processing Integration Results



Manual Integration Results

RT: 12.43
Response: 13366
Amount: 22.152702



Reviewer: delpolitov, 20-Sep-2013 14:13:42
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181697/5

Matrix: Water Lab File ID: J04327.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/17/2013 10:41

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.: 181697 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	18.2		1.0	0.10
74-83-9	Bromomethane	17.6		1.0	0.18
75-01-4	Vinyl chloride	18.7		1.0	0.14
75-00-3	Chloroethane	18.7		1.0	0.17
75-09-2	Methylene Chloride	18.2		1.0	0.18
67-64-1	Acetone	105		5.0	2.7
75-15-0	Carbon disulfide	18.9		1.0	0.13
75-69-4	Trichlorofluoromethane	18.9		1.0	0.15
75-35-4	1,1-Dichloroethene	18.4		1.0	0.090
75-34-3	1,1-Dichloroethane	18.2		1.0	0.13
156-60-5	trans-1,2-Dichloroethene	18.5		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.0		1.0	0.18
67-66-3	Chloroform	18.1		1.0	0.080
78-93-3	2-Butanone	89.7		5.0	2.3
107-06-2	1,2-Dichloroethane	18.9		1.0	0.19
71-55-6	1,1,1-Trichloroethane	19.5		1.0	0.060
56-23-5	Carbon tetrachloride	22.0		1.0	0.060
71-43-2	Benzene	18.1		1.0	0.080
75-25-2	Bromoform	21.2		1.0	0.19
100-42-5	Styrene	18.2		1.0	0.12
100-41-4	Ethylbenzene	17.2		1.0	0.10
108-90-7	Chlorobenzene	18.6		1.0	0.11
110-82-7	Cyclohexane	17.4		1.0	0.16
98-82-8	Isopropylbenzene	18.8		1.0	0.080
591-78-6	2-Hexanone	83.8		5.0	0.50
1634-04-4	MTBE	17.1		1.0	0.14
76-13-1	Freon TF	20.5		1.0	0.080
79-20-9	Methyl acetate	103		2.0	0.34
123-91-1	1,4-Dioxane	456		50	36
79-01-6	Trichloroethene	18.4		1.0	0.090
108-88-3	Toluene	18.1		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	15.7		1.0	0.24
108-10-1	4-Methyl-2-pentanone	92.2		5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	17.3		1.0	0.18
95-50-1	1,2-Dichlorobenzene	17.9		1.0	0.21
541-73-1	1,3-Dichlorobenzene	17.5		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181697/5

Matrix: Water Lab File ID: J04327.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/17/2013 10:41

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.: 181697 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	17.5		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	17.3		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	18.2		1.0	0.51
78-87-5	1,2-Dichloropropane	17.1		1.0	0.090
108-87-2	Methylcyclohexane	17.3		1.0	0.14
127-18-4	Tetrachloroethene	21.1		1.0	0.10
1330-20-7	Xylenes, Total	34.8		3.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	17.0		1.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	17.4		1.0	0.16
79-00-5	1,1,2-Trichloroethane	18.4		1.0	0.19
124-48-1	Dibromochloromethane	19.8		1.0	0.20
106-93-4	1,2-Dibromoethane	18.6		1.0	0.28
75-71-8	Dichlorodifluoromethane	20.4		1.0	0.22
74-97-5	Bromochloromethane	19.5		1.0	0.27
75-27-4	Bromodichloromethane	18.6		1.0	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	109		70-130
1868-53-7	Dibromofluoromethane (Surr)	99		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20130917-4710.b\J04327.D
Lims ID: LCS Client ID:
Inject. Date: 17-Sep-2013 10:41:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: LCS
Misc. Info.: 460-0004710-005
Operator: Instrument ID: CVOAMS8
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 181697 Lims Sample ID: 5
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS8\20130917-4710.b\8260_W8.m
Last Update: 18-Sep-2013 10:22:53 Calib Date: 23-Aug-2013 16:56:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS8\20130823-3906.b\J03457.D
Limit Group: VOA - 8260B Water and Solid
Integrator: RTE ID Type: Deconvolution ID
Column Type: Rtx-624 Column Dia: 0.25 mm
Process Host: XAWRK040

First Level Reviewer: martineze Date: 17-Sep-2013 11:02:05

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.476	1.478	-0.002	88	149715	20.4	
2 Chloromethane	50	1.646	1.648	-0.002	89	166255	18.2	
4 Vinyl chloride	62	1.740	1.736	0.004	83	140509	18.7	
149 Butadiene	54	1.764	1.766	-0.002	95	120018	18.2	
6 Bromomethane	94	2.034	2.036	-0.002	93	62756	17.6	
7 Chloroethane	64	2.122	2.118	0.004	96	78989	18.7	
9 Dichlorofluoromethane	67	2.292	2.294	-0.002	90	218232	18.8	
8 Trichlorofluoromethane	101	2.304	2.300	0.004	85	188311	18.9	
11 Ethanol	46	2.498	2.500	-0.002	96	31180	971.2	
13 Ethyl ether	59	2.545	2.547	-0.002	92	83187	16.2	
14 2-Methyl-1,3-butadiene	67	2.563	2.559	0.004	95	152467	19.7	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.710	2.706	0.004	93	99489	20.5	
17 Acrolein	56	2.721	2.717	0.004	58	19489	36.1	
18 1,1-Dichloroethene	96	2.751	2.747	0.004	84	87432	18.4	
19 Acetone	43	2.845	2.841	0.004	82	273601	104.9	
20 Iodomethane	142	2.898	2.900	-0.002	99	89100	14.4	
34 Isopropyl alcohol	45	2.927	2.929	-0.002	93	83531	205.9	
21 Carbon disulfide	76	2.933	2.935	-0.002	100	299610	18.9	
147 3-Chloro-1-propene	76	3.068	3.070	-0.002	84	51765	18.4	
23 Methyl acetate	43	3.086	3.082	0.004	98	661718	102.5	
22 Cyclopentene	67	3.092	3.088	0.004	81	280771	19.1	
24 Acetonitrile	41	3.139	3.140	-0.001	95	245219	186.5	
* 151 TBA-d9 (IS)	65	3.186	3.187	-0.001	90	576506	1000.0	
25 Methylene Chloride	84	3.197	3.193	0.004	91	107468	18.2	
26 2-Methyl-2-propanol	59	3.256	3.258	-0.002	93	124223	201.0	
27 Methyl tert-butyl ether	73	3.356	3.358	-0.002	94	287397	17.1	
29 trans-1,2-Dichloroethene	96	3.385	3.387	-0.002	90	97915	18.5	
30 Acrylonitrile	53	3.462	3.464	-0.002	92	544115	196.6	
38 Allyl alcohol	57	3.538	3.540	-0.002	79	117464	495.6	
32 Hexane	57	3.538	3.540	-0.002	90	117464	19.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
35 Isopropyl ether	45	3.755	3.751	0.004	96	409859	17.4	
36 1,1-Dichloroethane	63	3.791	3.793	-0.002	92	208468	18.2	
37 Vinyl acetate	43	3.802	3.804	-0.002	100	556564	43.9	
33 2-Chloro-1,3-butadiene	88	3.832	3.828	0.004	95	82649	17.8	
40 Tert-butyl ethyl ether	59	4.073	4.075	-0.002	86	313200	16.0	
41 2,2-Dichloropropane	77	4.284	4.280	0.004	84	140902	18.9	
42 cis-1,2-Dichloroethene	96	4.308	4.310	-0.002	90	105184	18.0	
44 Ethyl acetate	43	4.331	4.327	0.004	94	631843	37.7	
43 2-Butanone (MEK)	72	4.331	4.327	0.004	95	70672	89.7	
39 Methyl acrylate	55	4.384	4.386	-0.002	96	116941	18.9	
48 Propionitrile	54	4.460	4.462	-0.002	96	208025	189.6	
46 Chlorobromomethane	128	4.543	4.539	0.004	87	51131	19.5	
45 Tetrahydrofuran	42	4.537	4.539	-0.002	81	123484	36.9	
31 Methacrylonitrile	67	4.566	4.568	-0.002	97	556616	188.7	
47 Chloroform	83	4.590	4.592	-0.002	90	184644	18.1	
49 Cyclohexane	56	4.719	4.721	-0.002	96	159825	17.4	
50 1,1,1-Trichloroethane	97	4.737	4.733	0.004	93	139487	19.5	
$ 152 Dibromofluoromethane (Surr)	113	4.748	4.750	-0.002	93	290665	49.6	
51 Carbon tetrachloride	117	4.854	4.856	-0.002	95	111842	22.0	
52 1,1-Dichloropropene	75	4.889	4.885	0.004	90	125416	18.3	
56 Isobutyl alcohol	43	5.007	5.003	0.004	95	126695	855.1	
53 Benzene	78	5.089	5.085	0.004	95	403548	18.1	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.107	5.103	0.004	88	441430	49.2	
57 Isopropyl acetate	43	5.142	5.138	0.004	91	367124	17.8	
142 Tert-amyl methyl ether	73	5.148	5.144	0.004	83	271550	16.2	
55 1,2-Dichloroethane	62	5.183	5.179	0.004	89	174864	18.9	
58 n-Heptane	57	5.236	5.232	0.004	95	51184	19.5	
* 59 Fluorobenzene	96	5.377	5.379	-0.002	97	1132224	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.594	5.590	0.004	92	319983	31.1	
62 n-Butanol	56	5.671	5.673	-0.002	95	70239	566.5	
61 Trichloroethene	95	5.730	5.726	0.004	92	96730	18.4	
64 Ethyl acrylate	55	5.853	5.849	0.004	96	260768	18.4	
63 Methylcyclohexane	83	5.853	5.855	-0.002	71	112924	17.3	
65 1,2-Dichloropropane	63	6.023	6.025	-0.002	81	105675	17.1	
* 150 1,4-Dioxane-d8	96	6.082	6.078	0.004	55	67592	1000.0	
66 Methyl methacrylate	100	6.094	6.096	-0.002	90	56717	34.8	
67 1,4-Dioxane	88	6.135	6.131	0.004	85	31195	456.0	
69 n-Propyl acetate	43	6.153	6.149	0.004	98	220528	19.3	
68 Dibromomethane	93	6.153	6.160	-0.007	45	67627	18.4	
70 Dichlorobromomethane	83	6.305	6.301	0.004	97	128489	18.6	
72 2-Chloroethyl vinyl ether	63	6.646	6.642	0.004	73	67834	14.8	
71 2-Nitropropane	41	6.646	6.648	-0.002	78	56958	58.3	
73 Epichlorohydrin	57	6.752	6.754	-0.002	97	260374	380.0	
74 cis-1,3-Dichloropropene	75	6.805	6.807	-0.002	91	152994	17.3	
75 4-Methyl-2-pentanone (MIBK)	43	6.969	6.971	-0.002	99	683433	92.2	
$ 76 Toluene-d8 (Surr)	98	7.052	7.053	-0.001	98	1084203	48.0	
77 Toluene	91	7.134	7.130	0.004	91	384679	18.1	
78 trans-1,3-Dichloropropene	75	7.480	7.482	-0.002	93	126028	15.7	
82 Ethyl methacrylate	69	7.510	7.506	0.004	91	112913	16.2	
79 1,1,2-Trichloroethane	83	7.698	7.700	-0.002	87	80312	18.4	
80 Tetrachloroethene	166	7.739	7.741	-0.002	90	92103	21.1	
81 1,3-Dichloropropane	76	7.909	7.911	-0.002	93	156896	16.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	58	7.974	7.970	0.004	98	213374	83.8	
85 n-Butyl acetate	43	8.086	8.088	-0.002	95	172270	16.4	
84 Chlorodibromomethane	129	8.139	8.140	-0.001	92	78104	19.8	
86 Ethylene Dibromide	107	8.303	8.299	0.004	97	91633	18.6	
* 87 Chlorobenzene-d5	117	8.849	8.846	0.003	90	808402	50.0	
88 Chlorobenzene	112	8.885	8.887	-0.002	89	250996	18.6	
89 Ethylbenzene	106	8.985	8.987	-0.002	99	117368	17.2	
90 1,1,1,2-Tetrachloroethane	131	9.002	8.998	0.004	86	77993	19.8	
91 m-Xylene & p-Xylene	106	9.143	9.139	0.004	97	148132	17.2	
93 n-Butyl acrylate	73	9.572	9.568	0.004	91	59037	16.7	
92 o-Xylene	106	9.584	9.586	-0.002	92	153504	17.6	
94 Styrene	104	9.613	9.615	-0.002	93	268040	18.2	
96 Amyl acetate (mixed isomers)	43	9.790	9.791	-0.001	87	193809	16.0	
97 Bromoform	173	9.813	9.815	-0.002	92	49471	21.2	
98 Isopropylbenzene	105	9.925	9.927	-0.002	97	358510	18.8	
$ 99 4-Bromofluorobenzene	174	10.107	10.103	0.004	89	341620	54.6	
95 Camphene	41	10.119	10.120	-0.001	95	29671	15.1	
100 Bromobenzene	156	10.224	10.220	0.004	95	107623	17.0	
101 1,1,2,2-Tetrachloroethane	83	10.260	10.256	0.004	91	128928	17.4	
102 N-Propylbenzene	91	10.283	10.279	0.004	95	443462	16.8	
103 1,2,3-Trichloropropane	110	10.301	10.297	0.004	93	35536	16.7	
104 trans-1,4-Dichloro-2-butene	53	10.312	10.314	-0.002	47	46461	17.4	
105 2-Chlorotoluene	91	10.371	10.373	-0.002	96	342147	17.1	
143 4-Ethyltoluene	105	10.377	10.373	0.004	96	396313	17.9	
106 1,3,5-Trimethylbenzene	105	10.430	10.432	-0.002	92	323905	17.5	
107 4-Chlorotoluene	91	10.465	10.467	-0.002	98	315673	16.8	
108 Butyl Methacrylate	87	10.506	10.508	-0.002	94	107459	15.7	
109 tert-Butylbenzene	119	10.665	10.667	-0.002	87	229427	16.8	
110 1,2,4-Trimethylbenzene	105	10.712	10.714	-0.002	98	340029	17.6	
113 sec-Butylbenzene	105	10.824	10.820	0.004	98	340324	16.8	
114 4-Isopropyltoluene	119	10.924	10.925	-0.001	95	297664	17.1	
115 1,3-Dichlorobenzene	146	10.929	10.925	0.004	94	208384	17.5	
* 116 1,4-Dichlorobenzene-d4	152	10.976	10.978	-0.002	94	478498	50.0	
117 1,4-Dichlorobenzene	146	10.994	10.996	-0.002	90	216052	17.5	
118 Benzyl chloride	91	11.094	11.096	-0.002	97	184362	17.0	
119 2,3-Dihydroindene	117	11.141	11.143	-0.002	90	375356	18.3	
133 p-Diethylbenzene	119	11.176	11.178	-0.002	87	180933	17.0	
120 n-Butylbenzene	91	11.194	11.190	0.004	96	364835	17.6	
121 1,2-Dichlorobenzene	146	11.241	11.243	-0.002	93	203832	17.9	
132 1,2,4,5-Tetramethylbenzene	119	11.652	11.654	-0.002	94	255516	15.2	
122 1,2-Dibromo-3-Chloropropane	75	11.728	11.730	-0.002	81	23162	17.0	
145 1,3,5-Trichlorobenzene	180	11.817	11.813	0.004	95	134154	16.8	
123 Camphor	95	12.163	12.159	0.004	95	57049	80.1	
124 1,2,4-Trichlorobenzene	180	12.216	12.212	0.004	93	129952	17.3	
126 Hexachlorobutadiene	225	12.281	12.277	0.004	91	50444	22.5	
127 Naphthalene	128	12.392	12.388	0.004	99	380171	17.6	
128 1,2,3-Trichlorobenzene	180	12.551	12.547	0.004	93	128760	18.2	
S 131 Xylenes, Total	100				0		34.8	

Report Date: 18-Sep-2013 10:22:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20130917-4710.b\J04327.D

Injection Date: 17-Sep-2013 10:41:30 Limit Group: VOA - 8260B Water and Solid

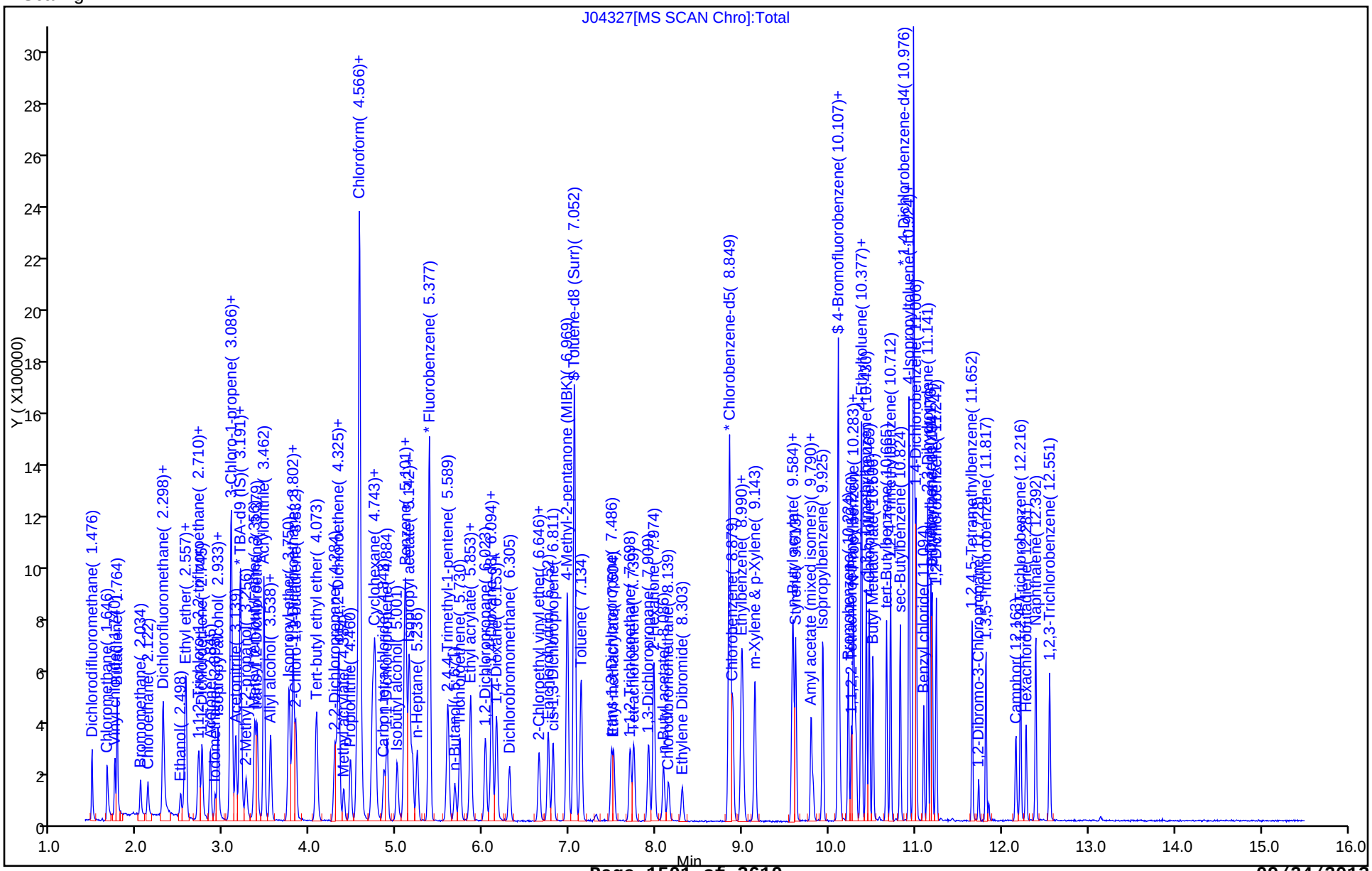
Client ID: Instrument ID: CVOAMS8

Lims Batch ID: 181697 Lims Sample ID: 5

Operator ID: Purge Vol: 5.000 mL

Column Type: Rtx-624 Column Dia: 0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181813/3

Matrix: Solid | Lab File ID: O77964.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 09/17/2013 16:15

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.: 181813 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	15.5		1.0	0.16
74-83-9	Bromomethane	21.1		1.0	0.43
75-01-4	Vinyl chloride	19.4		1.0	0.34
75-00-3	Chloroethane	19.7		1.0	0.33
75-09-2	Methylene Chloride	17.5		1.0	0.15
67-64-1	Acetone	134		5.0	1.7
75-15-0	Carbon disulfide	16.3		1.0	0.15
75-69-4	Trichlorofluoromethane	21.4		1.0	0.16
75-35-4	1,1-Dichloroethene	18.0		1.0	0.19
75-34-3	1,1-Dichloroethane	16.1		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	18.3		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	17.7		1.0	0.11
67-66-3	Chloroform	18.2		1.0	0.24
78-93-3	2-Butanone	85.4		5.0	0.63
107-06-2	1,2-Dichloroethane	19.7		1.0	0.18
71-55-6	1,1,1-Trichloroethane	19.8		1.0	0.13
56-23-5	Carbon tetrachloride	20.2		1.0	0.15
71-43-2	Benzene	18.9		1.0	0.15
75-25-2	Bromoform	18.5		1.0	0.17
100-42-5	Styrene	19.0		1.0	0.28
100-41-4	Ethylbenzene	18.9		1.0	0.17
108-90-7	Chlorobenzene	18.8		1.0	0.18
110-82-7	Cyclohexane	17.4		1.0	0.13
98-82-8	Isopropylbenzene	19.3		1.0	0.11
591-78-6	2-Hexanone	101		5.0	0.13
1634-04-4	MTBE	22.6		1.0	0.11
76-13-1	Freon TF	18.5		1.0	0.11
79-20-9	Methyl acetate	96.9		1.0	0.32
123-91-1	1,4-Dioxane	391		20	13
79-01-6	Trichloroethene	20.0		1.0	0.12
108-88-3	Toluene	19.3		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	21.1		1.0	0.10
108-10-1	4-Methyl-2-pentanone	99.0		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	19.9		1.0	0.14
95-50-1	1,2-Dichlorobenzene	19.4		1.0	0.10
541-73-1	1,3-Dichlorobenzene	19.7		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181813/3

Matrix: Solid | Lab File ID: O77964.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 09/17/2013 16:15

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.: 181813 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.4		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	17.9		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	18.6		1.0	0.16
78-87-5	1,2-Dichloropropane	17.8		1.0	0.15
108-87-2	Methylcyclohexane	19.8		1.0	0.10
127-18-4	Tetrachloroethene	19.7		1.0	0.12
1330-20-7	Xylenes, Total	39.5		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	22.0		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	18.7		1.0	0.090
79-00-5	1,1,2-Trichloroethane	19.7		1.0	0.14
124-48-1	Dibromochloromethane	20.1		1.0	0.10
106-93-4	1,2-Dibromoethane	20.4		1.0	0.15
75-71-8	Dichlorodifluoromethane	21.7		1.0	0.22
74-97-5	Bromochloromethane	18.4		1.0	0.11
75-27-4	Bromodichloromethane	19.7		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
2037-26-5	Toluene-d8 (Surr)	109		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	98		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77964.D
Lims ID: LCS
Client ID:
Inject. Date: 17-Sep-2013 16:15:30
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: LCS
Misc. Info.: 460-0004727-003
Operator: VOA GC/MS12
Instrument ID: CVOAMS12
Purge Vol: 5.000 mL
ALS Bottle#: 2
Lims Batch ID: 181813
Lims Sample ID: 3
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\8260S_12.m
Last Update: 20-Sep-2013 15:26:11
Calib Date: 06-Aug-2013 22:09:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D
Limit Group: VOA - 8260B Water and Solid
Integrator: RTE
ID Type: Deconvolution ID
Column Type: Rtx-624
Column Dia: 0.25 mm
Process Host: XAWRK026

First Level Reviewer: tupayachia
Date: 18-Sep-2013 11:22:09

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.859	0.859	0.0	87	81645	21.7	
2 Chloromethane	50	0.973	0.973	0.0	88	55175	15.5	
4 Vinyl chloride	62	0.995	0.995	0.0	61	76534	19.4	
149 Butadiene	54	1.002	1.002	0.0	93	64002	18.5	
6 Bromomethane	94	1.145	1.145	0.0	97	46144	21.1	
7 Chloroethane	64	1.195	1.195	0.0	96	40144	19.7	
9 Dichlorofluoromethane	67	1.295	1.295	0.0	87	102570	18.9	
8 Trichlorofluoromethane	101	1.317	1.317	0.0	87	98392	21.4	
11 Ethanol	46	1.439	1.439	0.0	90	7359	531.6	
34 Isopropyl alcohol	45	1.467	1.467	0.0	52	26147	179.8	
13 Ethyl ether	59	1.467	1.467	0.0	95	32653	18.4	
14 2-Methyl-1,3-butadiene	67	1.475	1.475	0.0	92	80355	20.2	
17 Acrolein	56	1.539	1.539	0.0	41	7802	41.4	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.582	1.582	0.0	77	53253	18.5	
18 1,1-Dichloroethene	96	1.582	1.582	0.0	87	50399	18.0	
19 Acetone	43	1.632	1.632	0.0	75	62950	133.9	
20 Iodomethane	142	1.668	1.668	0.0	96	53470	13.5	
21 Carbon disulfide	76	1.697	1.697	0.0	98	157252	16.3	
147 3-Chloro-1-propene	76	1.790	1.790	0.0	85	31184	16.2	
24 Acetonitrile	41	1.790	1.790	0.0	72	72634	125.3	
23 Methyl acetate	43	1.811	1.811	0.0	97	116909	96.9	
22 Cyclopentene	67	1.826	1.826	0.0	82	139772	18.1	
25 Methylene Chloride	84	1.861	1.861	0.0	78	49990	17.5	
* 151 TBA-d9 (IS)	65	1.904	1.904	0.0	99	217336	1000.0	
26 2-Methyl-2-propanol	59	1.962	1.962	0.0	91	42236	163.4	
29 trans-1,2-Dichloroethene	96	2.019	2.019	0.0	80	53180	18.3	
30 Acrylonitrile	53	2.019	2.019	0.0	98	128056	182.8	
27 Methyl tert-butyl ether	73	2.026	2.026	0.0	95	125947	22.6	
32 Hexane	43	2.191	2.191	0.0	89	40369	17.0	
36 1,1-Dichloroethane	63	2.291	2.291	0.0	91	81694	16.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	43	2.341	2.341	0.0	100	155070	36.4	
35 Isopropyl ether	45	2.348	2.348	0.0	80	126138	19.5	
33 2-Chloro-1,3-butadiene	88	2.348	2.348	0.0	84	51525	19.0	
40 Tert-butyl ethyl ether	59	2.606	2.606	0.0	87	134008	20.5	
41 2,2-Dichloropropane	77	2.699	2.699	0.0	86	76153	19.1	
42 cis-1,2-Dichloroethene	96	2.699	2.699	0.0	93	56121	17.7	
43 2-Butanone (MEK)	72	2.742	2.742	0.0	98	25774	85.4	
44 Ethyl acetate	43	2.785	2.785	0.0	97	68223	36.1	
48 Propionitrile	54	2.793	2.793	0.0	83	53669	150.5	
39 Methyl acrylate	55	2.807	2.807	0.0	83	42320	20.2	
46 Chlorobromomethane	128	2.886	2.886	0.0	74	26463	18.4	
31 Methacrylonitrile	67	2.893	2.893	0.0	86	174971	205.8	
45 Tetrahydrofuran	42	2.929	2.929	0.0	85	25194	31.3	
47 Chloroform	83	2.957	2.957	0.0	94	81840	18.2	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	96	84823	48.9	
50 1,1,1-Trichloroethane	97	3.086	3.086	0.0	77	76721	19.8	
49 Cyclohexane	56	3.115	3.115	0.0	84	85128	17.4	
51 Carbon tetrachloride	117	3.215	3.215	0.0	89	65866	20.2	
52 1,1-Dichloropropene	75	3.222	3.222	0.0	97	66409	19.1	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.358	0.0	85	84795	55.4	
56 Isobutyl alcohol	43	3.401	3.401	0.0	32	17554	450.2	
53 Benzene	78	3.401	3.401	0.0	95	206138	18.9	
55 1,2-Dichloroethane	62	3.430	3.430	0.0	86	56001	19.7	
142 Tert-amyl methyl ether	73	3.516	3.516	0.0	85	128321	22.3	
57 Isopropyl acetate	43	3.516	3.516	0.0	88	94519	21.2	
* 59 Fluorobenzene	96	3.652	3.652	0.0	97	375871	50.0	
58 n-Heptane	57	3.652	3.652	0.0	50	52600	19.3	
60 2,4,4-Trimethyl-1-pentene	57	3.960	3.960	0.0	95	278591	37.2	
61 Trichloroethene	95	4.003	4.003	0.0	92	56250	20.0	
62 n-Butanol	56	4.039	4.039	0.0	79	28773	374.8	
64 Ethyl acrylate	55	4.168	4.168	0.0	96	118662	19.9	
63 Methylcyclohexane	83	4.168	4.168	0.0	85	102736	19.8	
65 1,2-Dichloropropane	63	4.225	4.225	0.0	88	45357	17.8	
68 Dibromomethane	93	4.347	4.347	0.0	89	25630	17.6	
* 150 1,4-Dioxane-d8	96	4.361	4.361	0.0	40	22324	1000.0	
66 Methyl methacrylate	41	4.397	4.397	0.0	80	60777	41.0	
67 1,4-Dioxane	88	4.397	4.397	0.0	30	11924	390.7	
69 n-Propyl acetate	43	4.483	4.483	0.0	95	46461	19.7	
70 Dichlorobromomethane	83	4.533	4.533	0.0	95	65215	19.7	
71 2-Nitropropane	41	4.805	4.805	0.0	92	16294	39.3	
72 2-Chloroethyl vinyl ether	63	4.906	4.906	0.0	87	14879	18.7	
73 Epichlorohydrin	57	4.963	4.963	0.0	95	67066	347.3	
38 Allyl alcohol	57	4.963	4.963	0.0	85	67066	0	
74 cis-1,3-Dichloropropene	75	5.035	5.035	0.0	84	76115	19.9	
75 4-Methyl-2-pentanone (MIBK)	43	5.257	5.257	0.0	93	166053	99.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	98	391847	54.4	
77 Toluene	91	5.407	5.407	0.0	93	240189	19.3	
78 trans-1,3-Dichloropropene	75	5.729	5.729	0.0	91	68268	21.1	
82 Ethyl methacrylate	69	5.901	5.901	0.0	85	54686	21.5	
79 1,1,2-Trichloroethane	83	5.944	5.944	0.0	91	33417	19.7	
80 Tetrachloroethene	166	6.073	6.073	0.0	90	68336	19.7	
81 1,3-Dichloropropane	76	6.152	6.152	0.0	87	68568	19.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	43	6.331	6.331	0.0	92	124565	100.8	
84 Chlorodibromomethane	129	6.431	6.431	0.0	93	47124	20.1	
86 Ethylene Dibromide	107	6.546	6.546	0.0	93	41984	20.4	
85 n-Butyl acetate	43	6.546	6.546	0.0	95	46319	17.3	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	359943	50.0	
88 Chlorobenzene	112	7.241	7.241	0.0	96	156029	18.8	
90 1,1,1,2-Tetrachloroethane	131	7.391	7.391	0.0	87	52532	20.4	
89 Ethylbenzene	106	7.441	7.441	0.0	97	86259	18.9	
91 m-Xylene & p-Xylene	106	7.628	7.628	0.0	94	105862	19.4	
92 o-Xylene	106	8.201	8.201	0.0	94	104021	20.1	
94 Styrene	104	8.236	8.236	0.0	96	168551	19.0	
93 n-Butyl acrylate	73	8.315	8.315	0.0	98	33683	19.5	
97 Bromoform	173	8.473	8.473	0.0	97	32394	18.5	
96 Amyl acetate (mixed isomers)	43	8.702	8.702	0.0	93	59917	19.5	
98 Isopropylbenzene	105	8.802	8.802	0.0	94	283133	19.3	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	93	140161	49.7	
95 Camphene	41	9.125	9.125	0.0	77	18738	16.7	
100 Bromobenzene	156	9.182	9.182	0.0	95	66786	19.8	
101 1,1,2,2-Tetrachloroethane	83	9.340	9.340	0.0	88	50924	18.7	
103 1,2,3-Trichloropropane	110	9.347	9.347	0.0	91	16773	21.9	
104 trans-1,4-Dichloro-2-butene	53	9.433	9.433	0.0	83	13035	19.2	
102 N-Propylbenzene	91	9.454	9.454	0.0	99	326793	20.2	
105 2-Chlorotoluene	91	9.526	9.526	0.0	95	185376	20.4	
143 4-Ethyltoluene	105	9.655	9.655	0.0	98	284592	21.1	
107 4-Chlorotoluene	91	9.719	9.719	0.0	96	192980	20.4	
106 1,3,5-Trimethylbenzene	105	9.769	9.769	0.0	93	233987	20.8	
108 Butyl Methacrylate	87	10.070	10.070	0.0	86	66053	20.4	
109 tert-Butylbenzene	119	10.278	10.278	0.0	93	205819	19.9	
110 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	96	238641	20.5	
113 sec-Butylbenzene	105	10.364	10.364	0.0	75	238641	15.1	
115 1,3-Dichlorobenzene	146	10.736	10.736	0.0	97	137789	19.7	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	90	203305	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	96	136711	19.4	
114 4-Isopropyltoluene	119	10.923	10.923	0.0	91	275118	19.5	
118 Benzyl chloride	91	11.173	11.173	0.0	99	99284	19.9	
119 2,3-Dihydroindene	117	11.302	11.302	0.0	93	241685	20.6	
121 1,2-Dichlorobenzene	146	11.453	11.453	0.0	97	129033	19.4	
133 p-Diethylbenzene	119	11.517	11.517	0.0	95	170623	19.9	
120 n-Butylbenzene	91	11.546	11.546	0.0	97	290045	18.9	
122 1,2-Dibromo-3-Chloropropane	75	12.427	12.427	0.0	83	12617	22.0	
132 1,2,4,5-Tetramethylbenzene	119	12.448	12.448	0.0	97	258309	20.4	
145 1,3,5-Trichlorobenzene	180	12.642	12.642	0.0	96	114551	17.8	
123 Camphor	95	13.143	13.143	0.0	88	33248	116.0	
124 1,2,4-Trichlorobenzene	180	13.229	13.229	0.0	93	99527	17.9	
126 Hexachlorobutadiene	225	13.408	13.408	0.0	92	55772	16.6	
127 Naphthalene	128	13.430	13.430	0.0	99	210850	20.2	
128 1,2,3-Trichlorobenzene	180	13.645	13.645	0.0	95	90790	18.6	
S 130 1,2-Dichloroethene, Total	100				0		36.0	
S 131 Xylenes, Total	100				0		39.5	
S 139 Total BTEX	1				0		96.5	

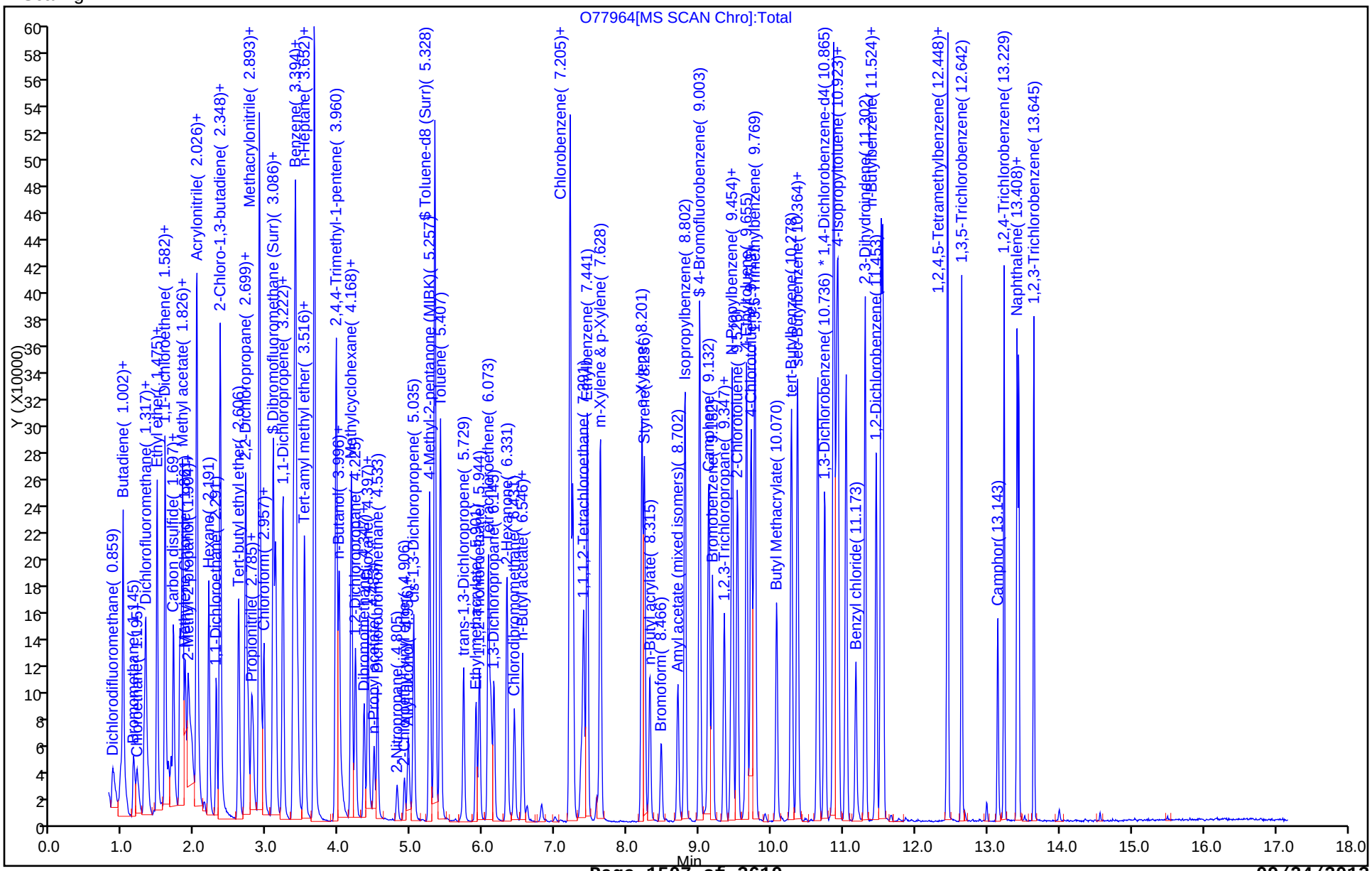
Report Date: 20-Sep-2013 15:26:11 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77964.D

Injection Date:	17-Sep-2013 16:15:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	3
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-182095/5

Matrix: Solid Lab File ID: B60671.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/19/2013 12:40

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 182095 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	952		50	4.8
74-83-9	Bromomethane	1050		50	9.1
75-01-4	Vinyl chloride	946		50	7.2
75-00-3	Chloroethane	1110		50	8.5
75-09-2	Methylene Chloride	908		50	9.1
67-64-1	Acetone	3930		250	130
75-15-0	Carbon disulfide	799		50	6.3
75-69-4	Trichlorofluoromethane	1140		50	7.3
75-35-4	1,1-Dichloroethene	676		50	4.4
75-34-3	1,1-Dichloroethane	902		50	6.5
156-60-5	trans-1,2-Dichloroethene	895		50	6.4
156-59-2	cis-1,2-Dichloroethene	929		50	8.9
67-66-3	Chloroform	904		50	3.9
78-93-3	2-Butanone	4170		250	120
107-06-2	1,2-Dichloroethane	862		50	9.5
71-55-6	1,1,1-Trichloroethane	865		50	3.1
56-23-5	Carbon tetrachloride	875		50	2.9
71-43-2	Benzene	893		50	4.1
75-25-2	Bromoform	850		50	9.6
100-42-5	Styrene	909		50	5.9
100-41-4	Ethylbenzene	871		50	4.8
108-90-7	Chlorobenzene	865		50	5.5
110-82-7	Cyclohexane	844		50	7.9
98-82-8	Isopropylbenzene	866		50	3.8
591-78-6	2-Hexanone	3990		250	25
1634-04-4	MTBE	960		50	6.9
76-13-1	Freon TF	692		50	4.1
79-20-9	Methyl acetate	4170		250	17
123-91-1	1,4-Dioxane	18900		2500	1800
79-01-6	Trichloroethene	837		50	4.6
108-88-3	Toluene	870		50	7.5
10061-02-6	trans-1,3-Dichloropropene	901		50	12
108-10-1	4-Methyl-2-pentanone	4230		250	49
10061-01-5	cis-1,3-Dichloropropene	904		50	9.2
95-50-1	1,2-Dichlorobenzene	863		50	10
541-73-1	1,3-Dichlorobenzene	876		50	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-182095/5

Matrix: Solid | Lab File ID: B60671.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/19/2013 12:40

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 182095 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	855		50	12
120-82-1	1,2,4-Trichlorobenzene	762		50	17
87-61-6	1,2,3-Trichlorobenzene	854		50	26
78-87-5	1,2-Dichloropropane	840		50	4.3
108-87-2	Methylcyclohexane	787		50	6.8
127-18-4	Tetrachloroethene	840		50	4.9
1330-20-7	Xylenes, Total	1770		150	18
96-12-8	1,2-Dibromo-3-Chloropropane	1290		50	20
79-34-5	1,1,2,2-Tetrachloroethane	896		50	7.9
79-00-5	1,1,2-Trichloroethane	858		50	9.4
124-48-1	Dibromochloromethane	859		50	10
106-93-4	1,2-Dibromoethane	854		50	14
75-71-8	Dichlorodifluoromethane	899		50	11
74-97-5	Bromochloromethane	854		50	14
75-27-4	Bromodichloromethane	834		50	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-135
2037-26-5	Toluene-d8 (Surr)	98		59-150
460-00-4	Bromofluorobenzene	93		72-133
1868-53-7	Dibromofluoromethane (Surr)	99		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60671.D
Lims ID: LCS
Client ID:
Inject. Date: 19-Sep-2013 12:40:30
Dil. Factor: 50.0000
Sample Type: LCS
Sample ID: LCS
Misc. Info.: 460-0004800-005
Operator:
Instrument ID: CVOAMS2
Purge Vol: 5.000 mL
ALS Bottle#: 4
Lims Batch ID: 182095
Lims Sample ID: 5
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\8260W_2.m
Last Update: 19-Sep-2013 15:23:46
Calib Date: 18-Sep-2013 04:57:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS2\20130918-4744.b\B60605.D
Limit Group: VOA - 8260B Water and Solid
Integrator: RTE
ID Type: Deconvolution ID
Column Type: Rtx-624
Column Dia: 0.25 mm
Process Host: XAWRK051

First Level Reviewer: desais
Date: 19-Sep-2013 14:00:31

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.102	1.093	0.009	73	18914	18.0	
2 Dichlorodifluoromethane	85	1.110	1.118	-0.008	86	106401	18.0	
3 Chloromethane	50	1.291	1.299	-0.008	89	136752	19.0	
4 Vinyl chloride	62	1.340	1.348	-0.008	78	88362	18.9	
5 Butadiene	54	1.365	1.373	-0.008	83	62112	20.1	
7 Bromomethane	94	1.620	1.628	-0.008	96	61499	21.1	
8 Chloroethane	64	1.686	1.694	-0.008	94	36180	22.3	
9 Trichlorofluoromethane	101	1.859	1.859	0.0	61	109742	22.8	
10 Dichlorofluoromethane	67	1.859	1.867	-0.008	86	130157	21.0	
11 Ethyl ether	59	2.089	2.097	-0.008	85	46556	18.9	
139 Ethanol	46	2.089	2.106	-0.017	84	28559	1104.6	
14 1,2-Dichloro-1,1,2-trifluoroetha	67	2.155	2.147	0.008	86	126958	20.4	
13 2-Methyl-1,3-butadiene	67	2.155	2.147	0.008	79	126958	20.7	
15 Acrolein	56	2.254	2.262	-0.008	11	8789	29.0	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.270	2.278	-0.008	88	25304	13.8	
17 1,1-Dichloroethene	96	2.287	2.295	-0.008	85	31075	13.5	
18 Acetone	43	2.386	2.394	-0.008	82	156392	78.6	
20 Iodomethane	142	2.435	2.443	-0.008	95	102487	17.7	
21 Carbon disulfide	76	2.460	2.468	-0.008	99	145143	16.0	
135 Isopropyl alcohol	45	2.517	2.525	-0.008	86	64972	221.6	
141 3-Chloro-1-propene	76	2.616	2.624	-0.008	16	70572	20.3	
22 Cyclopentene	67	2.632	2.632	0.0	62	108807	15.0	
23 Methyl acetate	43	2.641	2.649	-0.008	97	353001	83.4	
24 Acetonitrile	41	2.690	2.698	-0.008	95	175415	222.9	
25 Methylene Chloride	84	2.764	2.772	-0.008	92	63300	18.2	
* 26 TBA-d9 (IS)	65	2.789	2.797	-0.008	93	378150	1000.0	
27 2-Methyl-2-propanol	59	2.871	2.863	0.008	83	100489	197.1	
28 Methyl tert-butyl ether	73	2.929	2.937	-0.008	92	124460	19.2	
29 trans-1,2-Dichloroethene	96	2.953	2.953	0.0	86	52608	17.9	
31 Acrylonitrile	53	3.036	3.044	-0.008	91	302228	166.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
32 Hexane	43	3.118	3.126	-0.008	88	38794	15.3	
33 Isopropyl ether	45	3.381	3.381	0.0	94	266678	22.9	
34 1,1-Dichloroethane	63	3.381	3.389	-0.008	84	126585	18.0	
35 Vinyl acetate	43	3.422	3.431	-0.009	100	487014	43.1	
36 2-Chloro-1,3-butadiene	88	3.431	3.431	0.0	85	56473	20.1	
136 Allyl alcohol	57	3.480	3.480	0.0	88	33031	560.6	
37 Tert-butyl ethyl ether	59	3.727	3.735	-0.008	86	167290	24.4	
38 2,2-Dichloropropane	77	3.941	3.933	0.008	88	74801	19.7	
39 cis-1,2-Dichloroethene	96	3.974	3.974	0.0	86	70253	18.6	
40 2-Butanone (MEK)	72	4.007	4.015	-0.008	94	42946	83.4	
41 Ethyl acetate	70	4.031	4.040	-0.009	94	16076	40.4	
42 Methyl acrylate	55	4.081	4.081	0.0	86	88971	20.1	
43 Propionitrile	54	4.155	4.155	0.0	95	156586	221.2	
44 Tetrahydrofuran	42	4.221	4.221	0.0	68	85735	39.0	
45 Chlorobromomethane	128	4.221	4.229	-0.008	89	37749	17.1	
46 Methacrylonitrile	67	4.270	4.270	0.0	97	389035	213.7	
47 Chloroform	83	4.303	4.311	-0.008	84	135208	18.1	
48 Cyclohexane	56	4.410	4.418	-0.008	94	63536	16.9	
49 1,1,1-Trichloroethane	97	4.443	4.443	0.0	92	84925	17.3	
$ 57 Dibromofluoromethane (Surr)	113	4.484	4.484	0.0	98	214033	49.5	
50 Carbon tetrachloride	117	4.583	4.574	0.009	88	80467	17.5	
51 1,1-Dichloropropene	75	4.624	4.624	0.0	86	90453	17.2	
52 Benzene	78	4.846	4.854	-0.008	98	262135	17.9	
138 Isobutyl alcohol	43	4.854	4.863	-0.009	67	96073	404.0	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.879	4.887	-0.008	98	316980	49.3	
140 Tert-amyl methyl ether	73	4.961	4.961	0.0	75	174132	24.6	
54 1,2-Dichloroethane	62	4.970	4.970	0.0	90	134583	17.2	
55 Isopropyl acetate	43	4.986	4.986	0.0	97	296278	21.7	
56 n-Heptane	57	5.077	5.077	0.001	96	23522	16.5	
* 58 Fluorobenzene	96	5.208	5.208	0.0	97	692985	50.0	
59 2,4,4-Trimethyl-1-pentene	57	5.480	5.480	0.0	89	78010	38.6	
60 Trichloroethene	95	5.636	5.636	0.0	91	74507	16.7	
61 n-Butanol	56	5.661	5.669	-0.008	96	64973	471.9	
62 Methylcyclohexane	83	5.768	5.768	0.0	88	47729	15.7	
63 Ethyl acrylate	55	5.842	5.842	0.0	93	135672	20.5	
64 1,2-Dichloropropane	63	5.974	5.982	-0.008	82	76335	16.8	
* 65 1,4-Dioxane-d8	96	6.064	6.064	0.0	80	40981	1000.0	
68 Dibromomethane	93	6.130	6.138	-0.008	42	56393	16.9	
66 Methyl methacrylate	100	6.130	6.138	-0.008	91	44008	39.9	
67 1,4-Dioxane	88	6.138	6.138	0.0	30	19145	378.7	
69 n-Propyl acetate	43	6.212	6.220	-0.008	98	169327	20.4	
70 Dichlorobromomethane	83	6.344	6.344	0.0	94	103431	16.7	
71 2-Nitropropane	41	6.764	6.764	0.0	99	58557	38.9	
72 2-Chloroethyl vinyl ether	63	6.797	6.797	0.001	92	65576	21.5	
73 Epichlorohydrin	57	6.895	6.895	0.0	97	184375	333.9	
74 cis-1,3-Dichloropropene	75	6.953	6.953	0.0	91	122150	18.1	
75 4-Methyl-2-pentanone (MIBK)	43	7.151	7.150	0.0	99	532586	84.5	
$ 76 Toluene-d8 (Surr)	98	7.200	7.200	0.0	96	726378	49.0	
77 Toluene	91	7.282	7.282	0.0	92	286209	17.4	
78 trans-1,3-Dichloropropene	75	7.653	7.652	0.001	93	108901	18.0	
79 Ethyl methacrylate	69	7.710	7.710	0.0	92	99699	17.0	
80 1,1,2-Trichloroethane	83	7.842	7.842	0.0	89	62836	17.2	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
81 Tetrachloroethene	166	7.858	7.858	0.0	85	73202	16.8	
82 1,3-Dichloropropane	76	8.023	8.023	0.0	96	125903	17.4	
83 2-Hexanone	43	8.097	8.097	0.0	98	372700	79.8	
84 Chlorodibromomethane	129	8.212	8.212	0.0	65	81209	17.2	
85 n-Butyl acetate	73	8.212	8.212	0.0	95	21452	20.8	
86 Ethylene Dibromide	107	8.327	8.327	0.0	99	78572	17.1	
* 87 Chlorobenzene-d5	117	8.764	8.763	0.001	89	593214	50.0	
88 Chlorobenzene	112	8.788	8.788	0.0	89	200148	17.3	
89 Ethylbenzene	106	8.879	8.879	0.0	99	97974	17.4	
90 1,1,1,2-Tetrachloroethane	131	8.887	8.887	0.0	86	72483	17.1	
91 m-Xylene & p-Xylene	106	8.994	8.994	0.0	99	118436	17.2	
137 n-Butyl acrylate	73	9.364	9.356	0.008	79	76134	20.4	
92 o-Xylene	106	9.364	9.356	0.008	91	122942	18.2	
93 Styrene	104	9.389	9.389	0.0	91	215413	18.2	
94 Amyl acetate (mixed isomers)	43	9.562	9.562	0.0	87	236146	20.9	
95 Bromoform	173	9.570	9.570	0.0	96	57263	17.0	
96 Isopropylbenzene	105	9.677	9.677	0.0	97	303200	17.3	
$ 97 4-Bromofluorobenzene	174	9.858	9.858	0.0	91	270515	46.4	
98 Camphene	41	9.866	9.866	0.0	90	25008	17.0	
99 Bromobenzene	156	9.973	9.973	0.0	95	93426	17.2	
100 1,1,2,2-Tetrachloroethane	83	10.014	10.014	0.0	90	108533	17.9	
101 N-Propylbenzene	91	10.039	10.039	0.0	98	363145	17.4	
102 1,2,3-Trichloropropane	110	10.056	10.055	0.001	86	31575	17.3	
103 trans-1,4-Dichloro-2-butene	53	10.072	10.072	0.0	53	32947	16.4	
104 2-Chlorotoluene	91	10.130	10.130	0.0	96	278799	17.8	
105 4-Ethyltoluene	105	10.138	10.138	0.0	94	354260	20.5	
106 1,3,5-Trimethylbenzene	105	10.195	10.195	0.0	92	255330	17.5	
107 4-Chlorotoluene	91	10.228	10.228	0.0	97	257750	17.4	
108 Butyl Methacrylate	87	10.278	10.278	0.0	99	122849	21.4	
109 tert-Butylbenzene	119	10.451	10.451	0.001	88	192886	16.7	
110 1,2,4-Trimethylbenzene	105	10.500	10.500	0.0	99	271058	17.3	
111 sec-Butylbenzene	105	10.632	10.632	0.0	98	264022	16.9	
112 4-Isopropyltoluene	119	10.747	10.747	0.0	94	235352	17.3	
113 1,3-Dichlorobenzene	146	10.755	10.755	0.0	94	160081	17.5	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	97	338649	50.0	
116 1,4-Dichlorobenzene	146	10.829	10.829	0.0	86	168429	17.1	
118 Benzyl chloride	91	10.953	10.953	0.001	97	193241	21.8	
119 2,3-Dihydroindene	117	11.010	11.010	0.0	90	346473	21.3	
120 p-Diethylbenzene	119	11.051	11.051	0.0	77	160680	19.5	
121 n-Butylbenzene	91	11.076	11.076	0.0	96	266844	17.5	
122 1,2-Dichlorobenzene	146	11.134	11.134	0.0	94	164095	17.3	
123 1,2,4,5-Tetramethylbenzene	119	11.669	11.669	0.001	96	267051	20.2	
124 1,2-Dibromo-3-Chloropropane	75	11.759	11.759	0.0	88	27036	25.8	
125 1,3,5-Trichlorobenzene	180	11.866	11.866	0.0	95	110546	18.4	
126 Camphor	95	12.294	12.294	0.0	95	52614	96.6	
127 1,2,4-Trichlorobenzene	180	12.368	12.368	0.0	92	76504	15.2	
128 Hexachlorobutadiene	225	12.450	12.450	0.0	92	35636	18.5	
130 Naphthalene	128	12.582	12.582	0.0	99	194325	17.1	
131 1,2,3-Trichlorobenzene	180	12.788	12.788	0.0	93	61214	17.1	
S 134 Xylenes, Total	100				0		35.4	

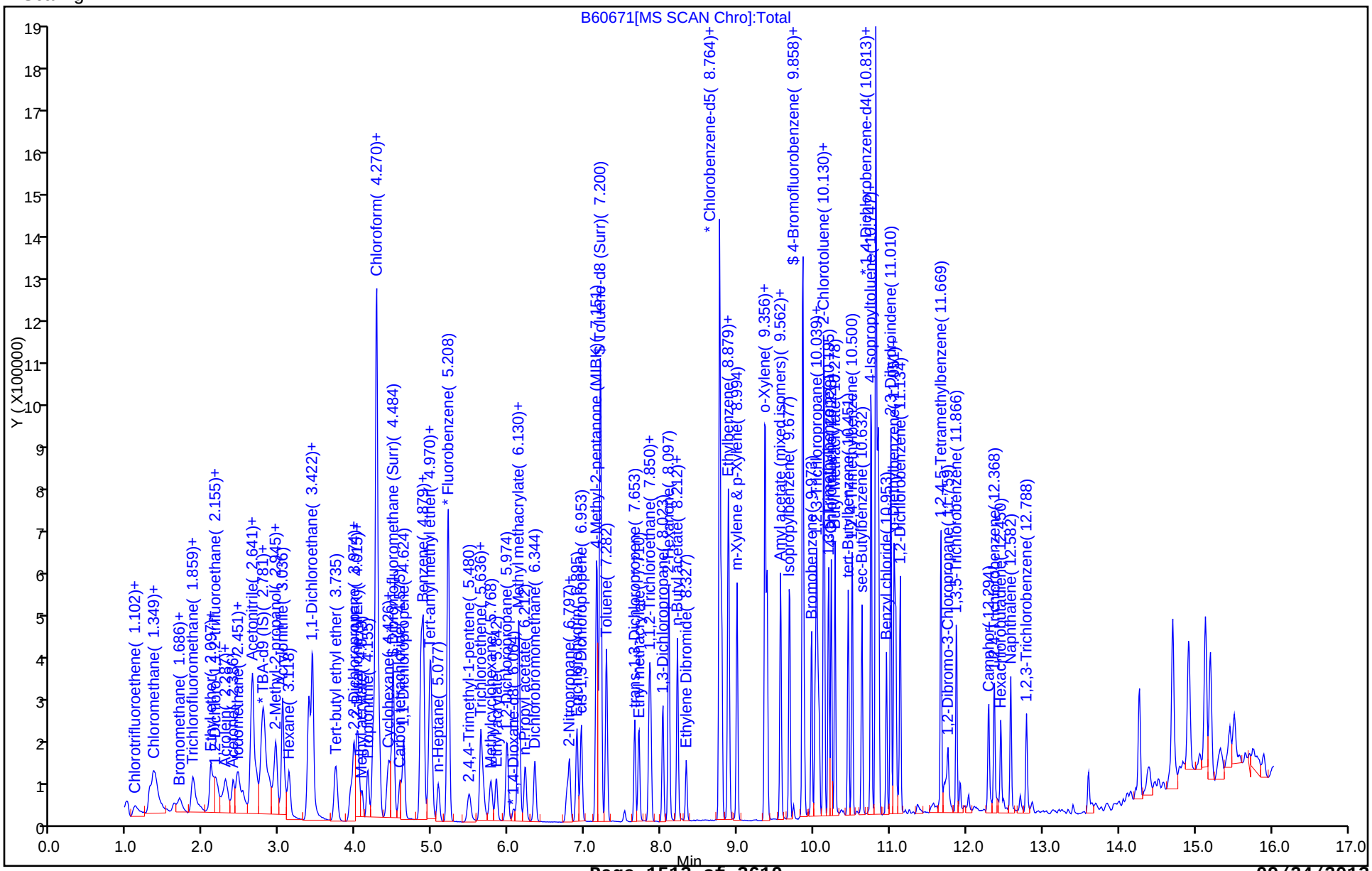
Report Date: 19-Sep-2013 15:23:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60671.D

Injection Date:	19-Sep-2013 12:40:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	5
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-182277/4

Matrix: Solid Lab File ID: B60699.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/19/2013 23:58

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 182277 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	842		50	4.8
74-83-9	Bromomethane	893		50	9.1
75-01-4	Vinyl chloride	870		50	7.2
75-00-3	Chloroethane	1090		50	8.5
75-09-2	Methylene Chloride	933		50	9.1
67-64-1	Acetone	3800		250	130
75-15-0	Carbon disulfide	748		50	6.3
75-69-4	Trichlorofluoromethane	912		50	7.3
75-35-4	1,1-Dichloroethene	890		50	4.4
75-34-3	1,1-Dichloroethane	978		50	6.5
156-60-5	trans-1,2-Dichloroethene	967		50	6.4
156-59-2	cis-1,2-Dichloroethene	955		50	8.9
67-66-3	Chloroform	980		50	3.9
78-93-3	2-Butanone	4680		250	120
107-06-2	1,2-Dichloroethane	943		50	9.5
71-55-6	1,1,1-Trichloroethane	956		50	3.1
56-23-5	Carbon tetrachloride	962		50	2.9
71-43-2	Benzene	969		50	4.1
75-25-2	Bromoform	940		50	9.6
100-42-5	Styrene	1010		50	5.9
100-41-4	Ethylbenzene	987		50	4.8
108-90-7	Chlorobenzene	960		50	5.5
110-82-7	Cyclohexane	906		50	7.9
98-82-8	Isopropylbenzene	988		50	3.8
591-78-6	2-Hexanone	4840		250	25
1634-04-4	MTBE	992		50	6.9
76-13-1	Freon TF	764		50	4.1
79-20-9	Methyl acetate	4560		250	17
123-91-1	1,4-Dioxane	20000		2500	1800
79-01-6	Trichloroethene	938		50	4.6
108-88-3	Toluene	963		50	7.5
10061-02-6	trans-1,3-Dichloropropene	1040		50	12
108-10-1	4-Methyl-2-pentanone	4990		250	49
10061-01-5	cis-1,3-Dichloropropene	1000		50	9.2
95-50-1	1,2-Dichlorobenzene	973		50	10
541-73-1	1,3-Dichlorobenzene	980		50	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-182277/4

Matrix: Solid | Lab File ID: B60699.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/19/2013 23:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 182277 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	945		50	12
120-82-1	1,2,4-Trichlorobenzene	955		50	17
87-61-6	1,2,3-Trichlorobenzene	1140		50	26
78-87-5	1,2-Dichloropropane	954		50	4.3
108-87-2	Methylcyclohexane	940		50	6.8
127-18-4	Tetrachloroethene	939		50	4.9
1330-20-7	Xylenes, Total	2010		150	18
96-12-8	1,2-Dibromo-3-Chloropropane	1140		50	20
79-34-5	1,1,2,2-Tetrachloroethane	983		50	7.9
79-00-5	1,1,2-Trichloroethane	968		50	9.4
124-48-1	Dibromochloromethane	934		50	10
106-93-4	1,2-Dibromoethane	967		50	14
75-71-8	Dichlorodifluoromethane	867		50	11
74-97-5	Bromochloromethane	924		50	14
75-27-4	Bromodichloromethane	888		50	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-135
2037-26-5	Toluene-d8 (Surr)	99		59-150
460-00-4	Bromofluorobenzene	94		72-133
1868-53-7	Dibromofluoromethane (Surr)	98		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60699.D
Lims ID: LCS
Client ID:
Inject. Date: 19-Sep-2013 23:58:30
Dil. Factor: 50.0000
Sample Type: LCS
Sample ID: LCS
Misc. Info.: 460-0004826-004
Operator:
Instrument ID: CVOAMS2
Purge Vol: 5.000 mL
ALS Bottle#: 3
Lims Batch ID: 182277
Lims Sample ID: 4
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\8260W_2.m
Last Update: 20-Sep-2013 11:00:50
Calib Date: 18-Sep-2013 04:57:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS2\20130918-4744.b\B60605.D
Limit Group: VOA - 8260B Water and Solid
Integrator: RTE
ID Type: Deconvolution ID
Column Type: Rtx-624
Column Dia: 0.25 mm
Process Host: XAWRK006

First Level Reviewer: boykink
Date: 20-Sep-2013 01:19:39

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.094	1.110	-0.016	74	20115	19.8	
2 Dichlorodifluoromethane	85	1.118	1.110	0.008	86	99792	17.3	
3 Chloromethane	50	1.299	1.299	0.0	88	117643	16.8	
4 Vinyl chloride	62	1.349	1.349	0.0	74	79327	17.4	
5 Butadiene	54	1.382	1.381	0.001	83	48648	16.1	
7 Bromomethane	94	1.628	1.628	0.0	96	50967	17.9	
8 Chloroethane	64	1.694	1.694	0.0	94	34288	21.7	
9 Trichlorofluoromethane	101	1.875	1.867	0.008	58	85432	18.2	
10 Dichlorofluoromethane	67	1.875	1.867	0.008	87	110287	18.3	
139 Ethanol	46	2.098	2.097	0.001	84	25642	982.6	
11 Ethyl ether	59	2.098	2.097	0.001	83	45082	18.8	
14 1,2-Dichloro-1,1,2-trifluoroetha	67	2.155	2.147	0.008	85	127911	20.9	
13 2-Methyl-1,3-butadiene	67	2.155	2.147	0.008	75	127911	21.2	
15 Acrolein	56	2.270	2.262	0.008	1	3549	10.5	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.287	2.278	0.009	85	28922	15.3	
17 1,1-Dichloroethene	96	2.303	2.303	0.0	84	39797	17.8	
18 Acetone	43	2.402	2.394	0.008	82	147213	76.0	
20 Iodomethane	142	2.443	2.443	0.0	95	94575	16.8	
21 Carbon disulfide	76	2.468	2.468	0.0	100	132254	15.0	
135 Isopropyl alcohol	45	2.525	2.525	0.0	89	53754	181.6	
141 3-Chloro-1-propene	76	2.624	2.624	0.0	8	55132	15.6	
22 Cyclopentene	67	2.632	2.632	0.0	69	109030	15.4	
23 Methyl acetate	43	2.657	2.649	0.008	97	375821	91.3	
24 Acetonitrile	41	2.698	2.698	0.0	98	162538	210.6	
25 Methylene Chloride	84	2.772	2.772	0.0	85	63267	18.7	
* 26 TBA-d9 (IS)	65	2.805	2.797	0.008	93	381692	1000.0	
27 2-Methyl-2-propanol	59	2.871	2.871	0.0	64	107077	208.4	
28 Methyl tert-butyl ether	73	2.945	2.937	0.008	94	125288	19.8	
29 trans-1,2-Dichloroethene	96	2.953	2.953	0.0	86	55321	19.3	
31 Acrylonitrile	53	3.044	3.044	0.0	90	331907	187.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
32 Hexane	43	3.126	3.126	0.0	88	42207	17.1	
33 Isopropyl ether	45	3.390	3.381	0.009	96	243317	21.5	
34 1,1-Dichloroethane	63	3.390	3.390	0.0	90	133597	19.6	
35 Vinyl acetate	43	3.431	3.431	0.0	100	397822	36.2	
36 2-Chloro-1,3-butadiene	88	3.439	3.439	0.0	85	54533	19.9	
136 Allyl alcohol	57	3.488	3.480	0.008	81	36041	592.6	
37 Tert-butyl ethyl ether	59	3.735	3.735	0.0	86	147238	22.1	
38 2,2-Dichloropropane	77	3.941	3.941	0.0	90	70452	19.1	
39 cis-1,2-Dichloroethene	96	3.982	3.974	0.008	85	70286	19.1	
40 2-Butanone (MEK)	72	4.015	4.015	0.0	97	48619	93.5	
41 Ethyl acetate	70	4.040	4.040	0.0	92	18060	46.6	
42 Methyl acrylate	55	4.089	4.089	0.0	88	82844	19.2	
43 Propionitrile	54	4.163	4.163	0.0	95	141068	197.4	
44 Tetrahydrofuran	42	4.229	4.229	0.0	78	88357	39.9	
45 Chlorobromomethane	128	4.229	4.229	0.0	91	39758	18.5	
46 Methacrylonitrile	67	4.278	4.278	0.0	97	361121	203.9	
47 Chloroform	83	4.311	4.311	0.0	84	142666	19.6	
48 Cyclohexane	56	4.427	4.418	0.009	95	66436	18.1	
49 1,1,1-Trichloroethane	97	4.451	4.451	0.0	92	91358	19.1	
$ 57 Dibromofluoromethane (Surr)	113	4.492	4.492	0.0	97	207321	49.2	
50 Carbon tetrachloride	117	4.583	4.583	0.0	89	86034	19.2	
51 1,1-Dichloropropene	75	4.632	4.632	0.0	84	106146	20.7	
52 Benzene	78	4.854	4.854	0.0	97	278525	19.4	
138 Isobutyl alcohol	43	4.863	4.863	0.0	94	116086	483.6	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.887	0.0	97	311103	49.8	
140 Tert-amyl methyl ether	73	4.970	4.970	0.0	71	151840	22.0	
54 1,2-Dichloroethane	62	4.978	4.978	0.0	91	143352	18.9	
55 Isopropyl acetate	43	4.994	4.994	0.0	97	276895	20.9	
56 n-Heptane	57	5.085	5.085	0.0	95	25304	18.1	
* 58 Fluorobenzene	96	5.217	5.216	0.001	97	674422	50.0	
59 2,4,4-Trimethyl-1-pentene	57	5.488	5.480	0.008	88	82613	42.1	
60 Trichloroethene	95	5.636	5.636	0.0	92	81321	18.8	
61 n-Butanol	56	5.669	5.669	0.0	96	60899	438.2	
62 Methylcyclohexane	83	5.776	5.776	0.0	90	55468	18.8	
63 Ethyl acrylate	55	5.842	5.842	0.0	94	125810	19.5	
64 1,2-Dichloropropane	63	5.990	5.982	0.008	81	84367	19.1	
* 65 1,4-Dioxane-d8	96	6.072	6.081	-0.009	73	44257	1000.0	
68 Dibromomethane	93	6.138	6.138	0.0	46	60087	18.5	
66 Methyl methacrylate	100	6.138	6.138	0.0	91	41096	38.3	
67 1,4-Dioxane	88	6.147	6.146	0.001	31	21864	400.5	
69 n-Propyl acetate	43	6.229	6.221	0.008	98	162923	20.1	
70 Dichlorobromomethane	83	6.352	6.352	0.0	94	107197	17.8	
71 2-Nitropropane	41	6.772	6.772	0.0	98	52749	36.6	
72 2-Chloroethyl vinyl ether	63	6.805	6.805	0.0	92	60194	20.2	
73 Epichlorohydrin	57	6.904	6.904	0.0	97	206951	382.6	
74 cis-1,3-Dichloropropene	75	6.953	6.961	-0.008	91	133009	20.1	
75 4-Methyl-2-pentanone (MIBK)	43	7.159	7.159	0.0	99	616319	99.9	
$ 76 Toluene-d8 (Surr)	98	7.208	7.208	0.0	97	715081	49.3	
77 Toluene	91	7.290	7.282	0.008	92	310625	19.3	
78 trans-1,3-Dichloropropene	75	7.661	7.652	0.009	93	125665	20.7	
79 Ethyl methacrylate	69	7.710	7.710	0.0	92	112628	19.6	
80 1,1,2-Trichloroethane	83	7.850	7.842	0.008	90	69468	19.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
81 Tetrachloroethene	166	7.867	7.866	0.001	86	80132	18.8	
82 1,3-Dichloropropane	76	8.023	8.023	0.0	95	136839	19.3	
83 2-Hexanone	43	8.105	8.105	0.0	97	443801	96.7	
85 n-Butyl acetate	73	8.212	8.212	0.0	96	24349	24.1	
84 Chlorodibromomethane	129	8.220	8.220	0.0	68	86479	18.7	
86 Ethylene Dibromide	107	8.336	8.327	0.009	97	87084	19.3	
* 87 Chlorobenzene-d5	117	8.772	8.772	0.0	88	581031	50.0	
88 Chlorobenzene	112	8.797	8.796	0.0	89	217623	19.2	
89 Ethylbenzene	106	8.879	8.879	0.0	99	108679	19.7	
90 1,1,1,2-Tetrachloroethane	131	8.895	8.895	0.0	85	81465	19.6	
91 m-Xylene & p-Xylene	106	8.994	8.994	0.0	99	132638	19.7	
137 n-Butyl acrylate	73	9.364	9.364	0.0	72	72149	19.9	
92 o-Xylene	106	9.364	9.364	0.0	91	135715	20.5	
93 Styrene	104	9.389	9.389	0.0	89	234698	20.2	
94 Amyl acetate (mixed isomers)	43	9.562	9.562	0.0	87	220557	19.7	
95 Bromoform	173	9.570	9.570	0.0	95	63541	18.8	
96 Isopropylbenzene	105	9.685	9.685	0.0	97	338848	19.8	
$ 97 4-Bromofluorobenzene	174	9.858	9.858	0.0	89	269905	47.2	
98 Camphene	41	9.875	9.875	0.001	94	25085	17.3	
99 Bromobenzene	156	9.973	9.973	0.0	95	105237	19.4	
100 1,1,2,2-Tetrachloroethane	83	10.023	10.023	0.0	90	119312	19.7	
101 N-Propylbenzene	91	10.039	10.039	0.0	98	402828	19.2	
102 1,2,3-Trichloropropane	110	10.056	10.056	0.0	87	36516	20.0	
103 trans-1,4-Dichloro-2-butene	53	10.072	10.072	0.0	53	38340	19.0	
104 2-Chlorotoluene	91	10.130	10.130	0.0	96	306791	19.6	
105 4-Ethyltoluene	105	10.138	10.138	0.0	89	337414	19.4	
106 1,3,5-Trimethylbenzene	105	10.196	10.195	0.001	91	278286	19.0	
107 4-Chlorotoluene	91	10.228	10.228	0.0	99	290175	19.5	
108 Butyl Methacrylate	87	10.278	10.278	0.0	98	112504	19.9	
109 tert-Butylbenzene	119	10.451	10.451	0.0	88	218231	18.8	
110 1,2,4-Trimethylbenzene	105	10.508	10.508	0.0	98	296703	18.9	
111 sec-Butylbenzene	105	10.632	10.632	0.0	98	293021	18.7	
112 4-Isopropyltoluene	119	10.747	10.747	0.0	95	253132	18.5	
113 1,3-Dichlorobenzene	146	10.755	10.755	0.0	94	179385	19.6	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	97	339480	50.0	
116 1,4-Dichlorobenzene	146	10.837	10.837	0.0	92	186674	18.9	
118 Benzyl chloride	91	10.953	10.953	0.0	97	176112	20.2	
119 2,3-Dihydroindene	117	11.010	11.010	0.0	89	318723	19.5	
120 p-Diethylbenzene	119	11.051	11.051	0.0	76	147606	17.9	
121 n-Butylbenzene	91	11.076	11.076	0.0	97	273459	17.9	
122 1,2-Dichlorobenzene	146	11.134	11.134	0.0	94	185417	19.5	
123 1,2,4,5-Tetramethylbenzene	119	11.669	11.669	0.0	96	245836	18.5	
124 1,2-Dibromo-3-Chloropropane	75	11.759	11.759	0.0	90	23551	22.9	
125 1,3,5-Trichlorobenzene	180	11.874	11.874	0.0	97	105433	17.5	
126 Camphor	95	12.294	12.294	0.0	95	65346	115.5	
127 1,2,4-Trichlorobenzene	180	12.368	12.368	0.0	93	96158	19.1	
128 Hexachlorobutadiene	225	12.451	12.450	0.0	93	38881	20.0	
130 Naphthalene	128	12.582	12.582	0.0	99	261667	23.0	
131 1,2,3-Trichlorobenzene	180	12.788	12.788	0.0	93	82027	22.8	
S 134 Xylenes, Total	100				0		40.2	

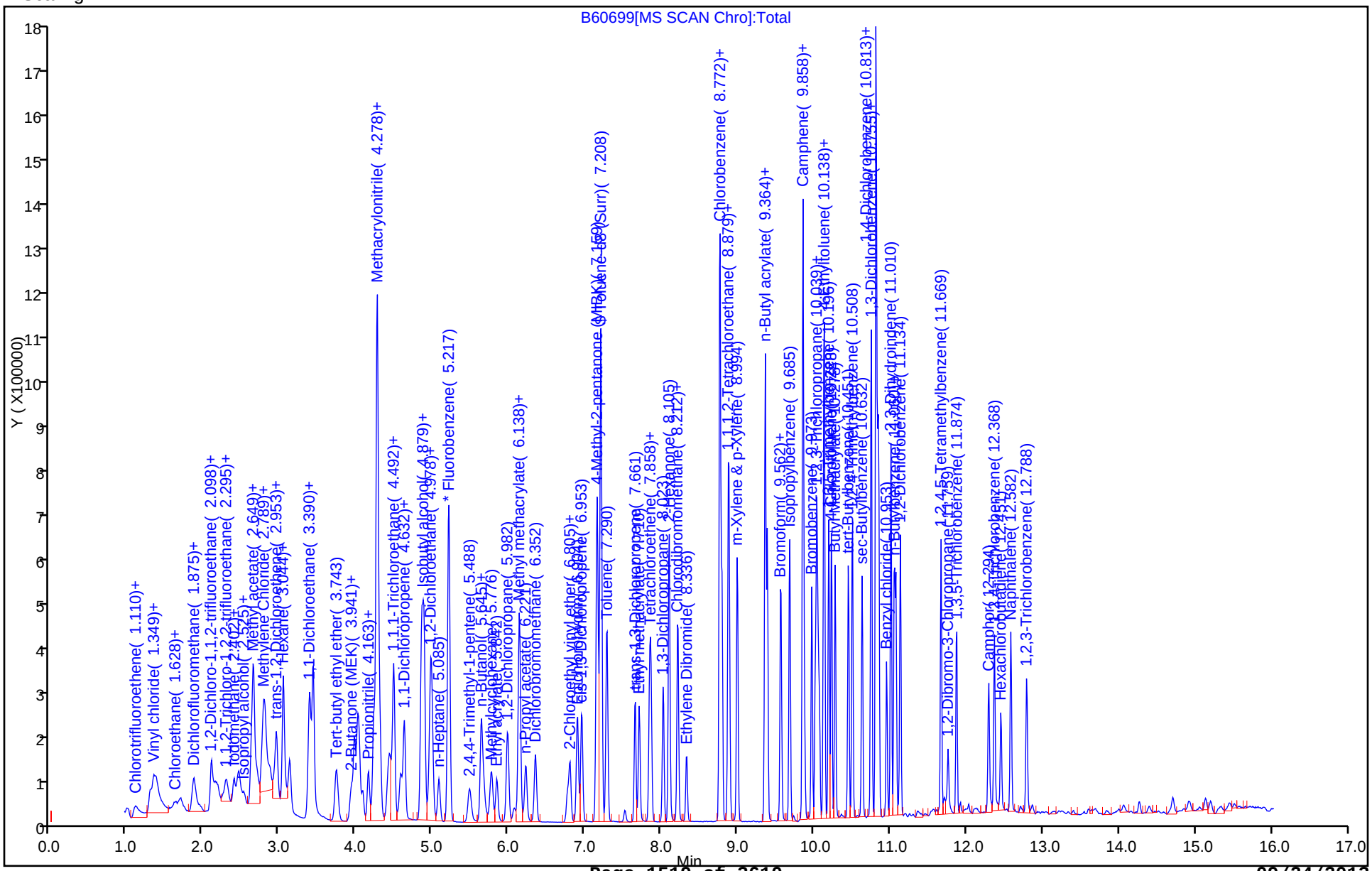
Report Date: 20-Sep-2013 11:00:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60699.D

Injection Date:	19-Sep-2013 23:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	4
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-182287/4

Matrix: Solid Lab File ID: O78098.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 09/20/2013 06:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182287 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	14.5		1.0	0.16
74-83-9	Bromomethane	22.3		1.0	0.43
75-01-4	Vinyl chloride	20.3		1.0	0.34
75-00-3	Chloroethane	21.3		1.0	0.33
75-09-2	Methylene Chloride	19.2		1.0	0.15
67-64-1	Acetone	131		5.0	1.7
75-15-0	Carbon disulfide	16.8		1.0	0.15
75-69-4	Trichlorofluoromethane	24.1		1.0	0.16
75-35-4	1,1-Dichloroethene	18.7		1.0	0.19
75-34-3	1,1-Dichloroethane	17.2		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	18.9		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.6		1.0	0.11
67-66-3	Chloroform	19.4		1.0	0.24
78-93-3	2-Butanone	87.0		5.0	0.63
107-06-2	1,2-Dichloroethane	21.5		1.0	0.18
71-55-6	1,1,1-Trichloroethane	21.2		1.0	0.13
56-23-5	Carbon tetrachloride	20.7		1.0	0.15
71-43-2	Benzene	18.7		1.0	0.15
75-25-2	Bromoform	18.6		1.0	0.17
100-42-5	Styrene	18.6		1.0	0.28
100-41-4	Ethylbenzene	18.6		1.0	0.17
108-90-7	Chlorobenzene	18.6		1.0	0.18
110-82-7	Cyclohexane	18.2		1.0	0.13
98-82-8	Isopropylbenzene	18.7		1.0	0.11
591-78-6	2-Hexanone	104		5.0	0.13
1634-04-4	MTBE	23.9		1.0	0.11
76-13-1	Freon TF	19.1		1.0	0.11
79-20-9	Methyl acetate	104		1.0	0.32
123-91-1	1,4-Dioxane	327		20	13
79-01-6	Trichloroethene	19.6		1.0	0.12
108-88-3	Toluene	18.9		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	20.5		1.0	0.10
108-10-1	4-Methyl-2-pentanone	97.0		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	19.9		1.0	0.14
95-50-1	1,2-Dichlorobenzene	18.2		1.0	0.10
541-73-1	1,3-Dichlorobenzene	18.4		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-182287/4

Matrix: Solid Lab File ID: O78098.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 09/20/2013 06:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182287 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.6		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	17.4		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	17.8		1.0	0.16
78-87-5	1,2-Dichloropropane	18.7		1.0	0.15
108-87-2	Methylcyclohexane	20.6		1.0	0.10
127-18-4	Tetrachloroethene	19.0		1.0	0.12
1330-20-7	Xylenes, Total	38.8		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	21.1		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	18.2		1.0	0.090
79-00-5	1,1,2-Trichloroethane	19.1		1.0	0.14
124-48-1	Dibromochloromethane	20.4		1.0	0.10
106-93-4	1,2-Dibromoethane	20.3		1.0	0.15
75-71-8	Dichlorodifluoromethane	21.9		1.0	0.22
74-97-5	Bromochloromethane	19.7		1.0	0.11
75-27-4	Bromodichloromethane	20.2		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		70-130
2037-26-5	Toluene-d8 (Surr)	108		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	105		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78098.D
Lims ID: LCS
Client ID:
Inject. Date: 20-Sep-2013 06:19:30
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: LCSD
Misc. Info.: 460-0004833-004
Operator: VOA GC/MS12
Instrument ID: CVOAMS12
Purge Vol: 5.000 mL
ALS Bottle#: 3
Lims Batch ID: 182287
Lims Sample ID: 4
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\8260S_12.m
Last Update: 20-Sep-2013 10:24:29
Calib Date: 06-Aug-2013 22:09:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D
Limit Group: VOA - 8260B Water and Solid
Integrator: RTE
ID Type: Deconvolution ID
Column Type: DB-624
Column Dia: 0.18 mm
Process Host: XAWRK016

First Level Reviewer: delpolitov
Date: 20-Sep-2013 10:24:29

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.859	0.858	0.001	85	106190	21.9	
2 Chloromethane	50	0.980	0.973	0.007	85	66866	14.5	
4 Vinyl chloride	62	1.002	0.995	0.007	50	103371	20.3	
149 Butadiene	54	1.002	1.002	0.0	92	86189	19.3	
6 Bromomethane	94	1.145	1.145	0.0	96	62738	22.3	
7 Chloroethane	64	1.195	1.195	0.0	96	55742	21.3	
9 Dichlorofluoromethane	67	1.295	1.295	0.0	86	148736	21.3	
8 Trichlorofluoromethane	101	1.317	1.317	0.0	87	142446	24.1	
11 Ethanol	46	1.439	1.431	0.008	92	12414	593.4	
13 Ethyl ether	59	1.467	1.467	0.0	91	44847	19.6	
14 2-Methyl-1,3-butadiene	67	1.475	1.474	0.001	93	109547	21.3	
17 Acrolein	56	1.539	1.539	0.0	94	18110	63.6	
18 1,1-Dichloroethene	96	1.582	1.582	0.0	87	67329	18.7	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.582	1.582	0.0	78	70817	19.1	
19 Acetone	43	1.632	1.632	0.0	85	79509	131.2	
20 Iodomethane	142	1.668	1.668	0.0	96	75373	14.7	
21 Carbon disulfide	76	1.697	1.697	0.001	97	208425	16.8	
34 Isopropyl alcohol	45	1.732	1.718	0.014	38	31029	141.2	
147 3-Chloro-1-propene	76	1.790	1.790	0.0	84	43406	17.6	
24 Acetonitrile	41	1.790	1.790	0.0	71	99196	132.9	
23 Methyl acetate	43	1.811	1.811	0.0	96	160673	103.6	
22 Cyclopentene	67	1.826	1.825	0.001	88	193118	19.4	
25 Methylene Chloride	84	1.861	1.861	0.0	66	70261	19.2	
* 151 TBA-d9 (IS)	65	1.912	1.904	0.008	99	328466	1000.0	
26 2-Methyl-2-propanol	59	1.962	1.962	0.0	97	75014	196.3	
30 Acrylonitrile	53	2.026	2.019	0.007	94	175303	194.3	
29 trans-1,2-Dichloroethene	96	2.026	2.019	0.007	82	70638	18.9	
27 Methyl tert-butyl ether	73	2.033	2.033	0.0	95	171693	23.9	
32 Hexane	43	2.191	2.191	0.0	89	52677	17.2	
36 1,1-Dichloroethane	63	2.298	2.298	0.0	91	112300	17.2	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	43	2.341	2.341	0.0	99	223005	40.6	
35 Isopropyl ether	45	2.348	2.348	0.0	75	163470	19.6	
33 2-Chloro-1,3-butadiene	88	2.356	2.356	0.0	81	73598	21.1	
40 Tert-butyl ethyl ether	59	2.606	2.606	0.0	90	180584	21.5	
41 2,2-Dichloropropane	77	2.699	2.699	0.0	81	98122	19.2	
42 cis-1,2-Dichloroethene	96	2.707	2.707	0.001	92	75968	18.6	
43 2-Butanone (MEK)	72	2.735	2.735	0.0	97	39685	87.0	
44 Ethyl acetate	43	2.785	2.785	0.0	99	93145	38.2	
48 Propionitrile	54	2.793	2.792	0.001	86	82356	152.8	
39 Methyl acrylate	55	2.807	2.807	0.0	90	57793	21.4	
46 Chlorobromomethane	128	2.886	2.886	0.0	76	36367	19.7	
31 Methacrylonitrile	67	2.900	2.893	0.007	86	249769	228.1	
45 Tetrahydrofuran	42	2.929	2.929	0.0	85	34514	28.3	
47 Chloroform	83	2.957	2.957	0.0	93	112799	19.4	
50 1,1,1-Trichloroethane	97	3.086	3.086	0.0	80	106000	21.2	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	98	116790	52.3	
49 Cyclohexane	56	3.115	3.115	0.0	85	114706	18.2	
51 Carbon tetrachloride	117	3.215	3.215	0.0	89	86966	20.7	
52 1,1-Dichloropropene	75	3.222	3.222	0.0	97	89050	19.9	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.358	0.0	85	116578	59.1	
53 Benzene	78	3.401	3.401	0.0	92	278098	18.7	
56 Isobutyl alcohol	43	3.401	3.401	0.0	32	20241	380.5	
55 1,2-Dichloroethane	62	3.430	3.430	0.0	90	78387	21.5	
57 Isopropyl acetate	43	3.516	3.516	0.0	80	131081	22.9	
142 Tert-amyl methyl ether	73	3.523	3.523	0.0	85	175136	23.6	
* 59 Fluorobenzene	96	3.659	3.659	0.0	97	484080	50.0	
58 n-Heptane	57	3.659	3.659	0.0	50	68172	19.4	
60 2,4,4-Trimethyl-1-pentene	57	3.960	3.960	0.0	95	379471	39.4	
61 Trichloroethene	95	4.003	4.003	0.0	90	71089	19.6	
62 n-Butanol	56	4.032	4.032	0.0	84	47898	414.0	
64 Ethyl acrylate	55	4.168	4.168	0.0	94	161014	21.0	
63 Methylcyclohexane	83	4.175	4.168	0.007	87	138071	20.6	
65 1,2-Dichloropropane	63	4.225	4.225	0.0	87	61299	18.7	
* 150 1,4-Dioxane-d8	96	4.354	4.340	0.014	30	35374	1000.0	
68 Dibromomethane	93	4.347	4.347	0.0	89	35512	19.0	
66 Methyl methacrylate	41	4.404	4.404	0.0	79	82223	43.1	
67 1,4-Dioxane	88	4.411	4.404	0.007	18	15807	326.9	
69 n-Propyl acetate	43	4.483	4.483	0.0	96	67696	22.3	
70 Dichlorobromomethane	83	4.533	4.533	0.0	95	86176	20.2	
71 2-Nitropropane	41	4.813	4.805	0.008	97	26333	49.7	
72 2-Chloroethyl vinyl ether	63	4.906	4.906	0.0	87	21332	20.8	
38 Allyl alcohol	57	4.963	4.956	0.007	79	91221	0	
73 Epichlorohydrin	57	4.963	4.956	0.007	86	91221	346.8	
74 cis-1,3-Dichloropropene	75	5.035	5.034	0.001	90	103827	19.9	
75 4-Methyl-2-pentanone (MIBK)	43	5.257	5.257	0.0	92	221647	97.0	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	528075	53.8	
77 Toluene	91	5.407	5.407	0.0	92	321393	18.9	
78 trans-1,3-Dichloropropene	75	5.729	5.729	0.0	92	90452	20.5	
82 Ethyl methacrylate	69	5.901	5.901	0.0	84	73519	21.2	
79 1,1,2-Trichloroethane	83	5.944	5.944	0.0	93	44022	19.1	
80 Tetrachloroethene	166	6.073	6.073	0.0	92	89923	19.0	
81 1,3-Dichloropropane	76	6.152	6.152	0.0	90	92539	18.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	43	6.331	6.331	0.0	91	175086	104.1	
84 Chlorodibromomethane	129	6.431	6.431	0.0	95	65219	20.4	
86 Ethylene Dibromide	107	6.546	6.546	0.0	90	56940	20.3	
85 n-Butyl acetate	43	6.546	6.546	0.0	98	64311	17.7	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	490364	50.0	
88 Chlorobenzene	112	7.248	7.241	0.007	97	209457	18.6	
90 1,1,1,2-Tetrachloroethane	131	7.391	7.391	0.0	86	69196	19.7	
89 Ethylbenzene	106	7.441	7.441	0.0	97	116153	18.6	
91 m-Xylene & p-Xylene	106	7.628	7.628	0.0	95	145446	19.6	
92 o-Xylene	106	8.201	8.201	0.0	93	135657	19.2	
94 Styrene	104	8.236	8.236	0.0	97	224709	18.6	
93 n-Butyl acrylate	73	8.315	8.315	0.0	98	47980	20.4	
97 Bromoform	173	8.473	8.473	0.0	97	44386	18.6	
96 Amyl acetate (mixed isomers)	43	8.702	8.702	0.0	93	81570	18.5	
98 Isopropylbenzene	105	8.802	8.802	0.0	95	374207	18.7	
$ 99 4-Bromofluorobenzene	174	9.010	9.003	0.007	96	190016	49.5	
95 Camphene	41	9.125	9.132	-0.007	74	26996	17.7	
100 Bromobenzene	156	9.182	9.182	0.0	93	92024	19.1	
101 1,1,2,2-Tetrachloroethane	83	9.340	9.339	0.001	91	70704	18.2	
103 1,2,3-Trichloropropane	110	9.354	9.354	0.0	91	23049	21.1	
104 trans-1,4-Dichloro-2-butene	53	9.433	9.433	0.0	81	18375	18.9	
102 N-Propylbenzene	91	9.454	9.454	0.0	99	434640	18.8	
105 2-Chlorotoluene	91	9.526	9.526	0.0	95	246106	19.0	
143 4-Ethyltoluene	105	9.655	9.655	0.0	98	399518	20.7	
107 4-Chlorotoluene	91	9.719	9.719	0.0	95	262008	19.3	
106 1,3,5-Trimethylbenzene	105	9.769	9.776	-0.007	93	313640	19.5	
108 Butyl Methacrylate	87	10.070	10.070	0.0	85	91618	19.8	
109 tert-Butylbenzene	119	10.278	10.278	0.0	90	282075	19.1	
110 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	97	319706	19.2	
113 sec-Butylbenzene	105	10.643	10.643	0.0	99	427647	19.0	
115 1,3-Dichlorobenzene	146	10.744	10.743	0.001	98	183955	18.4	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	86	290601	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	95	187578	18.6	
114 4-Isopropyltoluene	119	10.923	10.923	0.001	96	380632	18.8	
118 Benzyl chloride	91	11.173	11.173	0.0	99	147728	20.7	
119 2,3-Dihydroindene	117	11.302	11.302	0.0	91	338298	20.2	
121 1,2-Dichlorobenzene	146	11.453	11.453	0.0	97	173418	18.2	
133 p-Diethylbenzene	119	11.517	11.524	-0.007	95	244393	20.0	
120 n-Butylbenzene	91	11.546	11.546	0.0	96	405475	18.5	
122 1,2-Dibromo-3-Chloropropane	75	12.427	12.434	-0.007	86	17277	21.1	
132 1,2,4,5-Tetramethylbenzene	119	12.448	12.448	0.0	97	365443	20.2	
145 1,3,5-Trichlorobenzene	180	12.642	12.642	0.0	96	163153	17.7	
123 Camphor	95	13.143	13.143	0.0	88	49851	121.2	
124 1,2,4-Trichlorobenzene	180	13.229	13.229	0.0	94	138305	17.4	
126 Hexachlorobutadiene	225	13.408	13.408	0.0	92	80771	16.8	
127 Naphthalene	128	13.437	13.430	0.007	99	300161	20.1	
128 1,2,3-Trichlorobenzene	180	13.645	13.644	0.001	95	124239	17.8	
S 131 Xylenes, Total	100				0		38.8	

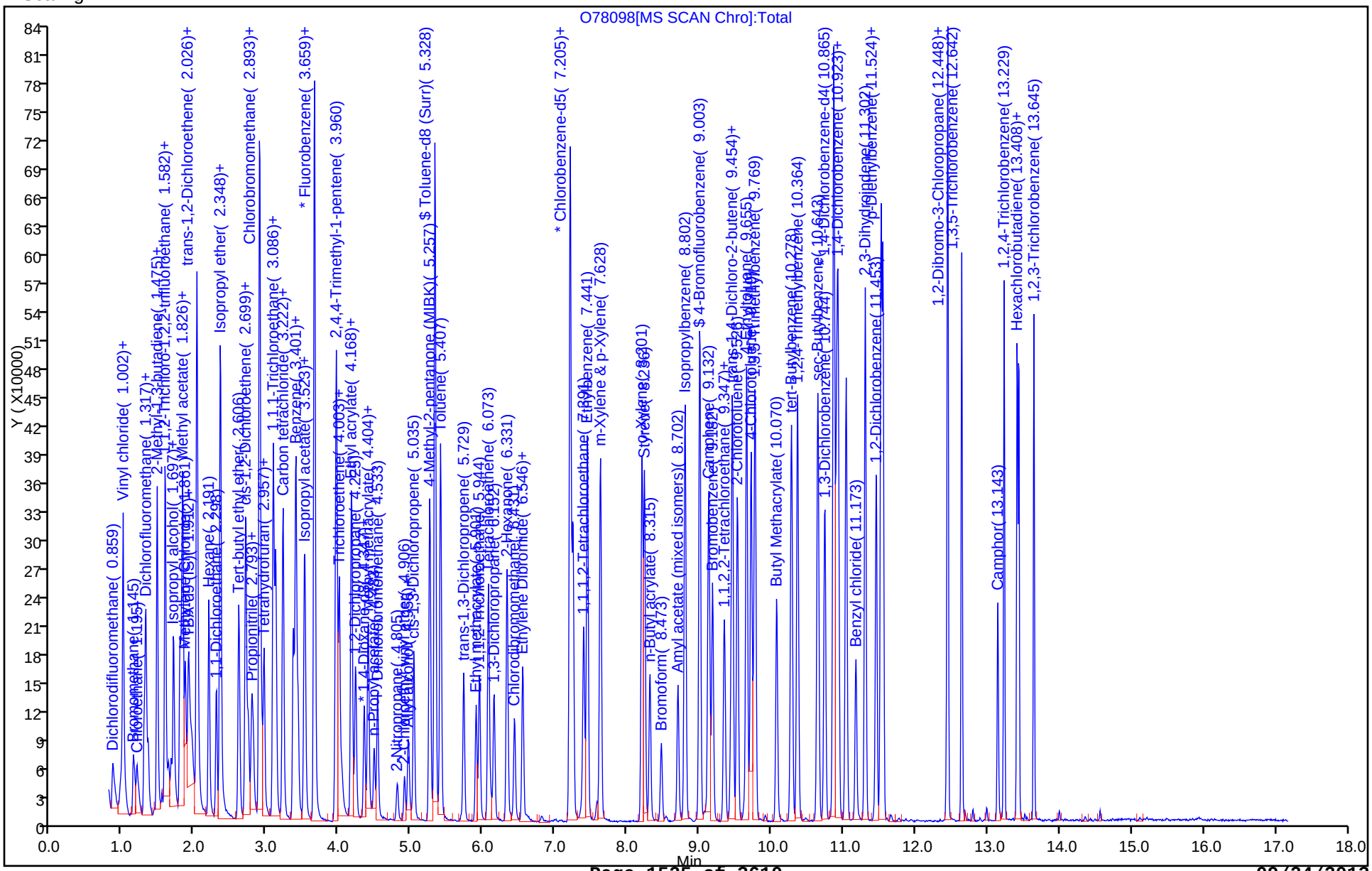
Report Date: 20-Sep-2013 10:24:29 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78098.D

Injection Date:	20-Sep-2013 06:19:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	4
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-181583/4

Matrix: Solid | Lab File ID: O77911.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 09/16/2013 16:59

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.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.3		1.0	0.16
74-83-9	Bromomethane	19.0		1.0	0.43
75-01-4	Vinyl chloride	18.0		1.0	0.34
75-00-3	Chloroethane	17.6		1.0	0.33
75-09-2	Methylene Chloride	17.3		1.0	0.15
67-64-1	Acetone	130		5.0	1.7
75-15-0	Carbon disulfide	15.2		1.0	0.15
75-69-4	Trichlorofluoromethane	19.7		1.0	0.16
75-35-4	1,1-Dichloroethene	16.9		1.0	0.19
75-34-3	1,1-Dichloroethane	16.5		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	17.4		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	17.1		1.0	0.11
67-66-3	Chloroform	17.4		1.0	0.24
78-93-3	2-Butanone	87.2		5.0	0.63
107-06-2	1,2-Dichloroethane	18.7		1.0	0.18
71-55-6	1,1,1-Trichloroethane	18.9		1.0	0.13
56-23-5	Carbon tetrachloride	18.8		1.0	0.15
71-43-2	Benzene	18.1		1.0	0.15
75-25-2	Bromoform	18.0		1.0	0.17
100-42-5	Styrene	18.5		1.0	0.28
100-41-4	Ethylbenzene	17.9		1.0	0.17
108-90-7	Chlorobenzene	18.2		1.0	0.18
110-82-7	Cyclohexane	16.8		1.0	0.13
98-82-8	Isopropylbenzene	18.1		1.0	0.11
591-78-6	2-Hexanone	94.5		5.0	0.13
1634-04-4	MTBE	22.7		1.0	0.11
76-13-1	Freon TF	17.3		1.0	0.11
79-20-9	Methyl acetate	93.4		1.0	0.32
123-91-1	1,4-Dioxane	362		20	13
79-01-6	Trichloroethene	18.3		1.0	0.12
108-88-3	Toluene	18.0		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	20.5		1.0	0.10
108-10-1	4-Methyl-2-pentanone	92.8		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	19.1		1.0	0.14
95-50-1	1,2-Dichlorobenzene	18.4		1.0	0.10
541-73-1	1,3-Dichlorobenzene	18.7		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-181583/4

Matrix: Solid | Lab File ID: O77911.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 09/16/2013 16:59

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.: 181583 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.0		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	17.7		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	17.9		1.0	0.16
78-87-5	1,2-Dichloropropane	17.2		1.0	0.15
108-87-2	Methylcyclohexane	18.7		1.0	0.10
127-18-4	Tetrachloroethene	18.0		1.0	0.12
1330-20-7	Xylenes, Total	37.8		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	18.9		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	18.1		1.0	0.090
79-00-5	1,1,2-Trichloroethane	18.6		1.0	0.14
124-48-1	Dibromochloromethane	19.2		1.0	0.10
106-93-4	1,2-Dibromoethane	19.4		1.0	0.15
75-71-8	Dichlorodifluoromethane	21.3		1.0	0.22
74-97-5	Bromochloromethane	17.2		1.0	0.11
75-27-4	Bromodichloromethane	18.2		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-130
2037-26-5	Toluene-d8 (Surr)	104		70-130
460-00-4	Bromofluorobenzene	98		70-130
1868-53-7	Dibromofluoromethane (Surr)	96		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77911.D
Lims ID: LCSD Client ID:
Inject. Date: 16-Sep-2013 16:59:30 Dil. Factor: 1.0000
Sample Type: LCSD
Sample ID: LCSD
Misc. Info.: 460-0004675-004
Operator: VOA GC/MS12 Instrument ID: CVOAMS12
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 181583 Lims Sample ID: 4
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\8260S_12.m
Last Update: 17-Sep-2013 06:59:40 Calib Date: 06-Aug-2013 22:09:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D
Limit Group: VOA - 8260B Water and Solid
Integrator: RTE ID Type: Deconvolution ID
Column Type: Rtx-624 Column Dia: 0.25 mm
Process Host: XAWRK040

First Level Reviewer: delpolitov Date: 17-Sep-2013 06:53:04

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.866	0.858	0.008	87	87439	21.3	
2 Chloromethane	50	0.966	0.959	0.007	85	63249	16.3	
4 Vinyl chloride	62	1.002	0.995	0.007	53	77515	18.0	
149 Butadiene	54	1.002	0.995	0.007	93	65224	17.3	
6 Bromomethane	94	1.145	1.145	0.0	95	45489	19.0	
7 Chloroethane	64	1.195	1.188	0.007	98	39105	17.6	
9 Dichlorofluoromethane	67	1.295	1.295	0.0	90	106580	18.1	
8 Trichlorofluoromethane	101	1.317	1.310	0.007	86	99173	19.7	
11 Ethanol	46	1.424	1.460	-0.036	78	10223	691.7	
34 Isopropyl alcohol	45	1.467	1.460	0.007	49	24943	160.7	
13 Ethyl ether	59	1.467	1.467	0.0	89	33521	17.3	
14 2-Methyl-1,3-butadiene	67	1.474	1.475	0.0	93	85928	19.8	
17 Acrolein	56	1.539	1.539	0.0	75	17912	89.0	
18 1,1-Dichloroethene	96	1.582	1.582	0.0	87	51607	16.9	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.582	1.582	0.0	78	54256	17.3	
19 Acetone	43	1.625	1.625	0.0	79	66602	129.7	
20 Iodomethane	142	1.668	1.668	0.0	96	60969	14.1	
21 Carbon disulfide	76	1.697	1.697	-0.001	98	160058	15.2	
147 3-Chloro-1-propene	76	1.790	1.783	0.008	91	32977	15.8	
24 Acetonitrile	41	1.790	1.783	0.008	76	80670	127.6	
23 Methyl acetate	43	1.811	1.804	0.007	96	122990	93.4	
22 Cyclopentene	67	1.825	1.825	0.0	80	152615	18.1	
25 Methylene Chloride	84	1.861	1.861	0.0	81	54128	17.3	
* 151 TBA-d9 (IS)	65	1.904	1.897	0.007	99	232039	1000.0	
26 2-Methyl-2-propanol	59	1.947	1.954	-0.007	92	51806	191.4	
30 Acrylonitrile	53	2.019	2.019	0.0	93	131426	172.0	
29 trans-1,2-Dichloroethene	96	2.019	2.019	0.0	84	55318	17.4	
27 Methyl tert-butyl ether	73	2.026	2.026	0.0	94	138088	22.7	
32 Hexane	43	2.191	2.191	0.0	89	42248	16.3	
36 1,1-Dichloroethane	63	2.291	2.291	0.0	94	90845	16.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	43	2.341	2.341	0.0	99	182567	39.3	
35 Isopropyl ether	45	2.348	2.348	0.0	83	131554	18.6	
33 2-Chloro-1,3-butadiene	88	2.348	2.348	0.0	87	55394	18.7	
40 Tert-butyl ethyl ether	59	2.606	2.599	0.007	87	144809	20.3	
41 2,2-Dichloropropane	77	2.699	2.692	0.007	84	77453	17.9	
42 cis-1,2-Dichloroethene	96	2.699	2.699	0.0	93	59267	17.1	
43 2-Butanone (MEK)	72	2.728	2.735	-0.007	98	28114	87.2	
44 Ethyl acetate	43	2.778	2.778	0.0	97	77294	37.5	
48 Propionitrile	54	2.792	2.785	0.007	84	54693	143.6	
39 Methyl acrylate	55	2.807	2.800	0.007	90	45580	19.9	
46 Chlorobromomethane	128	2.886	2.886	0.0	76	27000	17.2	
31 Methacrylonitrile	67	2.893	2.893	0.0	86	188306	203.1	
45 Tetrahydrofuran	42	2.921	2.921	0.0	84	27933	32.5	
47 Chloroform	83	2.957	2.950	0.007	94	85288	17.4	
50 1,1,1-Trichloroethane	97	3.086	3.079	0.007	76	79748	18.9	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.079	0.007	98	90934	48.1	
49 Cyclohexane	56	3.115	3.115	0.0	86	89515	16.8	
51 Carbon tetrachloride	117	3.215	3.215	0.0	89	66815	18.8	
52 1,1-Dichloropropene	75	3.222	3.222	0.0	96	71106	18.7	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.358	0.0	83	89158	53.4	
56 Isobutyl alcohol	43	3.394	3.394	0.0	32	17419	429.5	
53 Benzene	78	3.394	3.394	0.0	91	214454	18.1	
55 1,2-Dichloroethane	62	3.423	3.423	0.0	91	57894	18.7	
57 Isopropyl acetate	43	3.516	3.516	0.0	96	103587	21.3	
142 Tert-amyl methyl ether	73	3.516	3.516	0.0	85	140504	22.4	
* 59 Fluorobenzene	96	3.652	3.652	0.0	98	409902	50.0	
58 n-Heptane	57	3.652	3.659	-0.007	49	54258	18.0	
60 2,4,4-Trimethyl-1-pentene	57	3.960	3.960	0.0	96	306152	37.5	
61 Trichloroethene	95	3.996	3.996	0.0	93	56231	18.3	
62 n-Butanol	56	4.025	4.025	-0.001	91	31843	389.0	
64 Ethyl acrylate	55	4.168	4.168	0.0	94	125819	19.4	
63 Methylcyclohexane	83	4.168	4.168	0.0	85	106221	18.7	
65 1,2-Dichloropropane	63	4.225	4.225	0.0	88	47726	17.2	
68 Dibromomethane	93	4.347	4.347	0.0	92	27411	17.3	
* 150 1,4-Dioxane-d8	96	4.340	4.354	-0.014	27	23496	1000.0	
66 Methyl methacrylate	41	4.397	4.397	0.0	80	63846	39.5	
67 1,4-Dioxane	88	4.411	4.404	0.007	32	11626	361.9	
69 n-Propyl acetate	43	4.483	4.483	0.0	95	49289	19.1	
70 Dichlorobromomethane	83	4.533	4.533	0.0	94	65678	18.2	
71 2-Nitropropane	41	4.805	4.805	0.0	96	18684	41.4	
72 2-Chloroethyl vinyl ether	63	4.906	4.906	0.0	91	17941	20.6	
73 Epichlorohydrin	57	4.956	4.956	0.0	92	71984	344.3	
38 Allyl alcohol	57	4.956	4.956	0.0	86	71984	0	
74 cis-1,3-Dichloropropene	75	5.034	5.035	-0.001	84	78981	19.1	
75 4-Methyl-2-pentanone (MIBK)	43	5.257	5.249	0.008	92	168638	92.8	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	98	406225	52.1	
77 Toluene	91	5.407	5.407	0.0	93	243115	18.0	
78 trans-1,3-Dichloropropene	75	5.729	5.729	0.0	92	71795	20.5	
82 Ethyl methacrylate	69	5.894	5.901	-0.007	85	56782	20.6	
79 1,1,2-Trichloroethane	83	5.944	5.944	0.0	92	34098	18.6	
80 Tetrachloroethene	166	6.073	6.066	0.007	91	67401	18.0	
81 1,3-Dichloropropane	76	6.145	6.145	0.0	88	73801	18.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	43	6.324	6.324	0.0	92	126561	94.5	
84 Chlorodibromomethane	129	6.431	6.431	0.0	94	48690	19.2	
86 Ethylene Dibromide	107	6.546	6.546	0.0	88	43354	19.4	
85 n-Butyl acetate	43	6.546	6.546	0.0	97	49183	17.0	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	80	389714	50.0	
88 Chlorobenzene	112	7.248	7.241	0.007	96	163031	18.2	
90 1,1,1,2-Tetrachloroethane	131	7.391	7.391	0.0	88	53366	19.1	
89 Ethylbenzene	106	7.441	7.441	0.0	97	88614	17.9	
91 m-Xylene & p-Xylene	106	7.628	7.628	0.0	94	110749	18.8	
92 o-Xylene	106	8.201	8.201	0.0	95	106681	19.0	
94 Styrene	104	8.236	8.236	0.0	97	177863	18.5	
93 n-Butyl acrylate	73	8.315	8.308	0.007	97	37003	19.8	
97 Bromoform	173	8.473	8.466	0.007	96	34035	18.0	
96 Amyl acetate (mixed isomers)	43	8.702	8.702	0.0	93	62979	18.5	
98 Isopropylbenzene	105	8.802	8.802	0.0	95	288388	18.1	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	93	148963	48.8	
95 Camphene	41	9.132	9.125	0.007	89	19992	16.5	
100 Bromobenzene	156	9.182	9.182	0.0	93	68841	18.5	
101 1,1,2,2-Tetrachloroethane	83	9.339	9.340	-0.001	90	54477	18.1	
103 1,2,3-Trichloropropane	110	9.354	9.354	0.0	91	16111	19.1	
104 trans-1,4-Dichloro-2-butene	53	9.433	9.433	0.0	81	13955	18.6	
102 N-Propylbenzene	91	9.461	9.454	0.007	99	335311	18.8	
105 2-Chlorotoluene	91	9.526	9.526	0.0	96	192958	19.3	
143 4-Ethyltoluene	105	9.655	9.655	0.0	99	311262	20.9	
107 4-Chlorotoluene	91	9.712	9.712	0.0	95	202627	19.4	
106 1,3,5-Trimethylbenzene	105	9.769	9.769	0.0	94	241774	19.4	
108 Butyl Methacrylate	87	10.070	10.070	0.0	85	71452	20.0	
109 tert-Butylbenzene	119	10.278	10.278	0.0	94	218196	19.1	
110 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	96	245095	19.1	
113 sec-Butylbenzene	105	10.643	10.643	0.0	99	328566	18.9	
115 1,3-Dichlorobenzene	146	10.736	10.736	0.0	98	144693	18.7	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	93	224431	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	95	140357	18.0	
114 4-Isopropyltoluene	119	10.923	10.923	-0.001	94	290801	18.6	
118 Benzyl chloride	91	11.173	11.173	0.0	99	109807	20.0	
119 2,3-Dihydroindene	117	11.302	11.302	0.0	90	265516	20.5	
121 1,2-Dichlorobenzene	146	11.453	11.453	0.0	97	135053	18.4	
133 p-Diethylbenzene	119	11.524	11.517	0.007	95	186416	19.7	
120 n-Butylbenzene	91	11.546	11.546	0.0	97	310573	18.4	
122 1,2-Dibromo-3-Chloropropane	75	12.427	12.427	0.0	84	12049	18.9	
132 1,2,4,5-Tetramethylbenzene	119	12.448	12.448	0.0	97	280415	20.0	
145 1,3,5-Trichlorobenzene	180	12.642	12.642	0.0	97	123651	17.4	
123 Camphor	95	13.143	13.143	0.0	87	35550	112.6	
124 1,2,4-Trichlorobenzene	180	13.229	13.229	0.0	92	108524	17.7	
126 Hexachlorobutadiene	225	13.408	13.408	0.0	93	58718	15.8	
127 Naphthalene	128	13.437	13.430	0.007	99	224615	19.4	
128 1,2,3-Trichlorobenzene	180	13.644	13.645	0.0	95	96649	17.9	
S 131 Xylenes, Total	100				0		37.8	

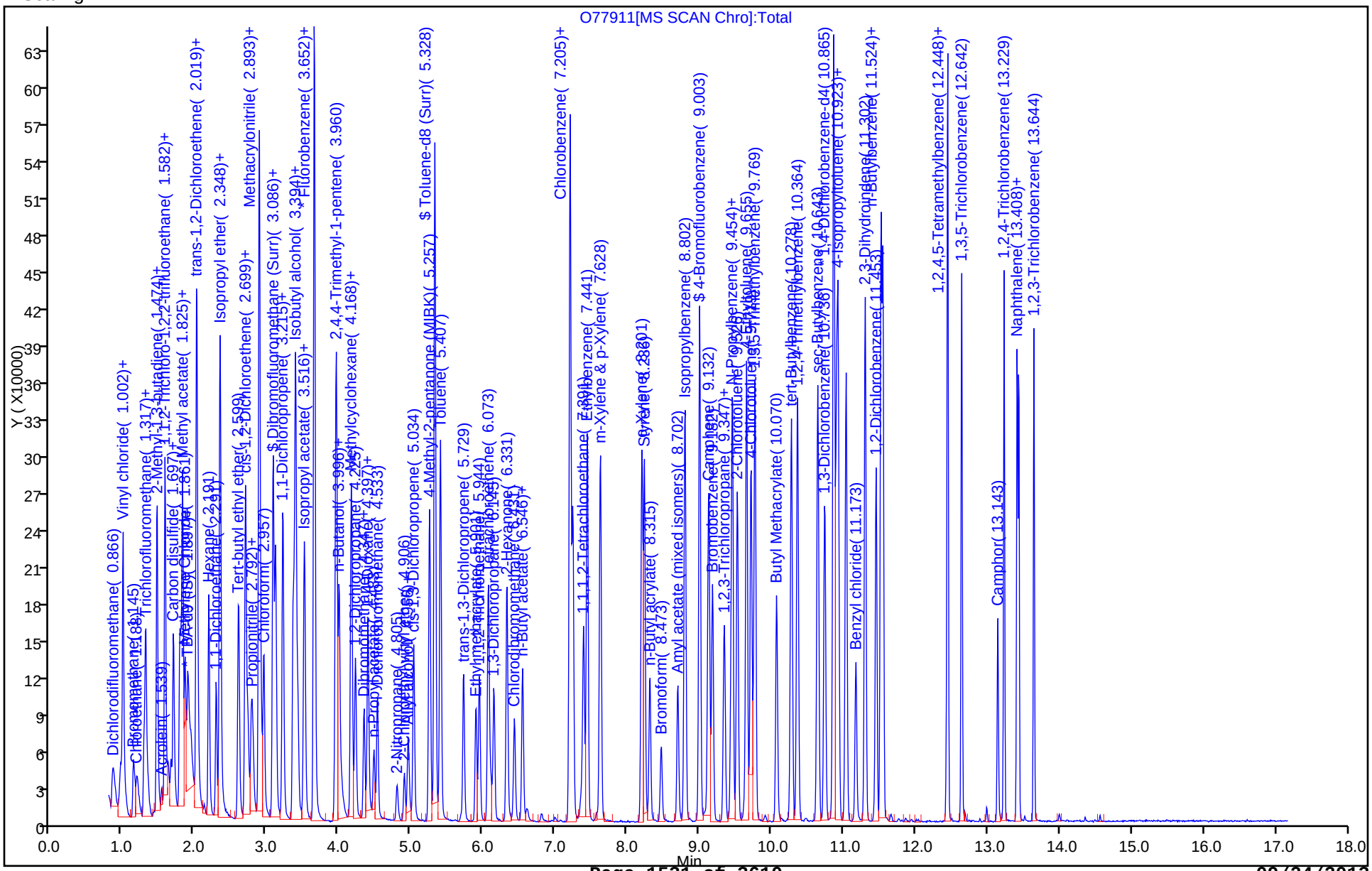
Report Date: 17-Sep-2013 06:59:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130916-4675.b\O77911.D

Injection Date:	16-Sep-2013 16:59:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	181583	Lims Sample ID:	4
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-181663/5

Matrix: Solid Lab File ID: O77941.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 09/17/2013 06:19

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.: 181663 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	10.8		1.0	0.16
74-83-9	Bromomethane	19.1		1.0	0.43
75-01-4	Vinyl chloride	19.3		1.0	0.34
75-00-3	Chloroethane	18.0		1.0	0.33
75-09-2	Methylene Chloride	17.4		1.0	0.15
67-64-1	Acetone	150		5.0	1.7
75-15-0	Carbon disulfide	15.6		1.0	0.15
75-69-4	Trichlorofluoromethane	20.9		1.0	0.16
75-35-4	1,1-Dichloroethene	16.9		1.0	0.19
75-34-3	1,1-Dichloroethane	15.7		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	18.0		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	17.6		1.0	0.11
67-66-3	Chloroform	18.0		1.0	0.24
78-93-3	2-Butanone	83.4		5.0	0.63
107-06-2	1,2-Dichloroethane	19.8		1.0	0.18
71-55-6	1,1,1-Trichloroethane	19.9		1.0	0.13
56-23-5	Carbon tetrachloride	19.4		1.0	0.15
71-43-2	Benzene	18.8		1.0	0.15
75-25-2	Bromoform	19.4		1.0	0.17
100-42-5	Styrene	19.2		1.0	0.28
100-41-4	Ethylbenzene	18.7		1.0	0.17
108-90-7	Chlorobenzene	18.6		1.0	0.18
110-82-7	Cyclohexane	17.0		1.0	0.13
98-82-8	Isopropylbenzene	18.7		1.0	0.11
591-78-6	2-Hexanone	111		5.0	0.13
1634-04-4	MTBE	23.6		1.0	0.11
76-13-1	Freon TF	18.1		1.0	0.11
79-20-9	Methyl acetate	108		1.0	0.32
123-91-1	1,4-Dioxane	371		20	13
79-01-6	Trichloroethene	18.3		1.0	0.12
108-88-3	Toluene	19.1		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	21.7		1.0	0.10
108-10-1	4-Methyl-2-pentanone	105		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	19.7		1.0	0.14
95-50-1	1,2-Dichlorobenzene	19.0		1.0	0.10
541-73-1	1,3-Dichlorobenzene	19.2		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-181663/5

Matrix: Solid Lab File ID: O77941.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 09/17/2013 06:19

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.: 181663 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.8		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	18.3		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	18.8		1.0	0.16
78-87-5	1,2-Dichloropropane	17.5		1.0	0.15
108-87-2	Methylcyclohexane	19.3		1.0	0.10
127-18-4	Tetrachloroethene	18.6		1.0	0.12
1330-20-7	Xylenes, Total	38.8		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	24.7		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	19.8		1.0	0.090
79-00-5	1,1,2-Trichloroethane	20.1		1.0	0.14
124-48-1	Dibromochloromethane	20.3		1.0	0.10
106-93-4	1,2-Dibromoethane	20.9		1.0	0.15
75-71-8	Dichlorodifluoromethane	21.7		1.0	0.22
74-97-5	Bromochloromethane	17.6		1.0	0.11
75-27-4	Bromodichloromethane	18.4		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
2037-26-5	Toluene-d8 (Surr)	107		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	99		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77941.D
Lims ID: LCSD Client ID:
Inject. Date: 17-Sep-2013 06:19:30 Dil. Factor: 1.0000
Sample Type: LCSD
Sample ID: MB
Misc. Info.: 460-0004695-005
Operator: VOA GC/MS12 Instrument ID: CVOAMS12
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 181663 Lims Sample ID: 5
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\8260S_12.m
Last Update: 20-Sep-2013 14:27:03 Calib Date: 06-Aug-2013 22:09:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D
Limit Group: VOA - 8260B Water and Solid
Integrator: RTE ID Type: Deconvolution ID
Column Type: Rtx-624 Column Dia: 0.25 mm
Process Host: XAWRK026

First Level Reviewer: tupayachia Date: 17-Sep-2013 14:57:46

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.859	0.859	0.0	69	85719	21.7	
2 Chloromethane	50	0.973	0.973	0.0	1	41314	10.8	
4 Vinyl chloride	62	0.995	0.995	0.0	76	80030	19.3	
149 Butadiene	54	1.002	1.002	0.0	93	65131	17.9	
6 Bromomethane	94	1.145	1.145	0.0	95	43903	19.1	
7 Chloroethane	64	1.195	1.195	0.0	96	38520	18.0	
9 Dichlorofluoromethane	67	1.295	1.295	0.0	88	108222	19.1	
8 Trichlorofluoromethane	101	1.317	1.317	0.0	87	101134	20.9	
13 Ethyl ether	59	1.467	1.467	0.0	92	35165	18.9	
34 Isopropyl alcohol	45	1.467	1.467	0.0	47	22408	124.1	
14 2-Methyl-1,3-butadiene	67	1.475	1.475	0.0	93	84561	20.2	
17 Acrolein	56	1.546	1.546	0.0	94	19404	82.9	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.582	1.582	0.0	76	54675	18.1	
18 1,1-Dichloroethene	96	1.582	1.582	0.0	88	49662	16.9	
19 Acetone	43	1.632	1.632	0.0	84	73417	149.6	
20 Iodomethane	142	1.668	1.668	0.0	95	56637	13.6	
21 Carbon disulfide	76	1.704	1.704	0.0	98	157552	15.6	
11 Ethanol	46	1.718	1.718	0.0	51	2346	136.5	
24 Acetonitrile	41	1.790	1.790	0.0	77	85821	141.1	
147 3-Chloro-1-propene	76	1.790	1.790	0.0	91	33034	16.4	
23 Methyl acetate	43	1.811	1.811	0.0	96	135804	107.6	
22 Cyclopentene	67	1.833	1.833	0.0	81	151885	18.7	
25 Methylene Chloride	84	1.861	1.861	0.0	76	52400	17.4	
* 151 TBA-d9 (IS)	65	1.911	1.911	0.0	99	269914	1000.0	
26 2-Methyl-2-propanol	59	1.962	1.962	0.0	95	62685	200.0	
29 trans-1,2-Dichloroethene	96	2.026	2.026	0.0	83	54784	18.0	
30 Acrylonitrile	53	2.026	2.026	0.0	96	145544	198.0	
27 Methyl tert-butyl ether	73	2.033	2.033	0.0	95	138161	23.6	
32 Hexane	43	2.191	2.191	0.0	88	39044	15.7	
36 1,1-Dichloroethane	63	2.298	2.298	0.0	93	83332	15.7	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	43	2.341	2.341	0.0	99	185833	41.6	
35 Isopropyl ether	45	2.348	2.348	0.0	75	133508	19.7	
33 2-Chloro-1,3-butadiene	88	2.356	2.356	0.0	81	55685	19.6	
40 Tert-butyl ethyl ether	59	2.606	2.606	0.0	87	147854	21.6	
41 2,2-Dichloropropane	77	2.699	2.699	0.0	86	78296	18.8	
42 cis-1,2-Dichloroethene	96	2.707	2.707	0.0	93	58479	17.6	
43 2-Butanone (MEK)	72	2.742	2.742	0.0	91	31277	83.4	
44 Ethyl acetate	43	2.785	2.785	0.0	98	83116	41.9	
48 Propionitrile	54	2.793	2.793	0.0	85	65191	147.2	
39 Methyl acrylate	55	2.807	2.807	0.0	92	48041	21.8	
46 Chlorobromomethane	128	2.886	2.886	0.0	75	26486	17.6	
31 Methacrylonitrile	67	2.900	2.900	0.0	86	199056	223.1	
45 Tetrahydrofuran	42	2.929	2.929	0.0	63	29646	29.6	
47 Chloroform	83	2.957	2.957	0.0	91	84886	18.0	
50 1,1,1-Trichloroethane	97	3.086	3.086	0.0	77	80818	19.9	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	97	90086	49.5	
49 Cyclohexane	56	3.122	3.122	0.0	85	87179	17.0	
51 Carbon tetrachloride	117	3.215	3.215	0.0	90	66487	19.4	
52 1,1-Dichloropropene	75	3.222	3.222	0.0	96	71126	19.5	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.366	3.366	0.0	83	91050	56.7	
53 Benzene	78	3.401	3.401	0.0	90	214237	18.8	
56 Isobutyl alcohol	43	3.401	3.401	0.0	30	20752	436.1	
55 1,2-Dichloroethane	62	3.430	3.430	0.0	90	58813	19.8	
57 Isopropyl acetate	43	3.516	3.516	0.0	84	108414	23.2	
142 Tert-amyl methyl ether	73	3.523	3.523	0.0	85	142931	23.7	
* 59 Fluorobenzene	96	3.659	3.659	0.0	98	394424	50.0	
58 n-Heptane	57	3.659	3.659	0.0	49	54479	19.0	
60 2,4,4-Trimethyl-1-pentene	57	3.960	3.960	0.0	95	305563	38.9	
61 Trichloroethene	95	4.003	4.003	0.0	89	54074	18.3	
62 n-Butanol	56	4.039	4.039	0.0	83	37858	397.8	
64 Ethyl acrylate	55	4.168	4.168	0.0	96	122748	19.6	
63 Methylcyclohexane	83	4.168	4.168	0.0	84	105237	19.3	
65 1,2-Dichloropropane	63	4.225	4.225	0.0	87	46704	17.5	
68 Dibromomethane	93	4.347	4.347	0.0	94	29206	19.2	
* 150 1,4-Dioxane-d8	96	4.347	4.347	0.0	30	26984	1000.0	
66 Methyl methacrylate	41	4.404	4.404	0.0	81	71087	45.7	
67 1,4-Dioxane	88	4.404	4.404	0.0	30	13669	370.5	
69 n-Propyl acetate	43	4.490	4.490	0.0	95	54962	22.2	
70 Dichlorobromomethane	83	4.533	4.533	0.0	96	63994	18.4	
71 2-Nitropropane	41	4.805	4.805	0.0	95	20655	47.8	
72 2-Chloroethyl vinyl ether	63	4.906	4.906	0.0	93	16564	19.8	
73 Epichlorohydrin	57	4.963	4.963	0.0	93	79464	394.9	
38 Allyl alcohol	57	4.963	4.963	0.0	86	79464	0	
74 cis-1,3-Dichloropropene	75	5.035	5.035	0.0	85	78710	19.7	
75 4-Methyl-2-pentanone (MIBK)	43	5.257	5.257	0.0	93	184154	105.3	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	403584	53.7	
77 Toluene	91	5.407	5.407	0.0	93	247865	19.1	
78 trans-1,3-Dichloropropene	75	5.729	5.729	0.0	93	73264	21.7	
82 Ethyl methacrylate	69	5.901	5.901	0.0	82	60661	22.8	
79 1,1,2-Trichloroethane	83	5.951	5.951	0.0	93	35573	20.1	
80 Tetrachloroethene	166	6.073	6.073	0.0	92	67253	18.6	
81 1,3-Dichloropropane	76	6.152	6.152	0.0	89	74536	19.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	43	6.331	6.331	0.0	91	142578	110.9	
84 Chlorodibromomethane	129	6.431	6.431	0.0	96	49679	20.3	
86 Ethylene Dibromide	107	6.546	6.546	0.0	88	44886	20.9	
85 n-Butyl acetate	43	6.546	6.546	0.0	96	55044	19.8	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	375159	50.0	
88 Chlorobenzene	112	7.248	7.248	0.0	97	161017	18.6	
90 1,1,1,2-Tetrachloroethane	131	7.391	7.391	0.0	91	54616	20.3	
89 Ethylbenzene	106	7.441	7.441	0.0	97	89331	18.7	
91 m-Xylene & p-Xylene	106	7.628	7.628	0.0	95	110405	19.4	
92 o-Xylene	106	8.201	8.201	0.0	91	104877	19.4	
94 Styrene	104	8.236	8.236	0.0	96	177324	19.2	
93 n-Butyl acrylate	73	8.308	8.308	0.0	98	39510	22.0	
97 Bromoform	173	8.473	8.473	0.0	96	35434	19.4	
96 Amyl acetate (mixed isomers)	43	8.702	8.702	0.0	93	67678	21.2	
98 Isopropylbenzene	105	8.802	8.802	0.0	95	286739	18.7	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	94	145513	49.5	
95 Camphene	41	9.132	9.132	0.0	74	19991	17.1	
100 Bromobenzene	156	9.182	9.182	0.0	95	70209	20.1	
101 1,1,2,2-Tetrachloroethane	83	9.340	9.340	0.0	90	55964	19.8	
103 1,2,3-Trichloropropane	110	9.347	9.347	0.0	91	18310	23.0	
104 trans-1,4-Dichloro-2-butene	53	9.433	9.433	0.0	82	14168	20.1	
102 N-Propylbenzene	91	9.454	9.454	0.0	99	332728	19.9	
105 2-Chlorotoluene	91	9.526	9.526	0.0	96	191623	20.3	
143 4-Ethyltoluene	105	9.655	9.655	0.0	98	304983	21.8	
107 4-Chlorotoluene	91	9.719	9.719	0.0	94	198723	20.2	
106 1,3,5-Trimethylbenzene	105	9.769	9.769	0.0	93	236676	20.2	
108 Butyl Methacrylate	87	10.070	10.070	0.0	84	73192	21.8	
109 tert-Butylbenzene	119	10.278	10.278	0.0	91	211929	19.8	
110 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	96	242932	20.1	
113 sec-Butylbenzene	105	10.643	10.643	0.0	99	318364	19.5	
115 1,3-Dichlorobenzene	146	10.744	10.744	0.0	98	139353	19.2	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	92	211036	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	94	137675	18.8	
114 4-Isopropyltoluene	119	10.923	10.923	0.0	96	277489	18.9	
118 Benzyl chloride	91	11.173	11.173	0.0	98	113455	21.9	
119 2,3-Dihydroindene	117	11.302	11.302	0.0	92	263420	21.6	
121 1,2-Dichlorobenzene	146	11.453	11.453	0.0	97	131478	19.0	
133 p-Diethylbenzene	119	11.524	11.524	0.0	94	185839	20.9	
120 n-Butylbenzene	91	11.546	11.546	0.0	98	297044	18.7	
122 1,2-Dibromo-3-Chloropropane	75	12.434	12.434	0.0	0	14566	24.7	M
132 1,2,4,5-Tetramethylbenzene	119	12.448	12.448	0.0	98	277544	21.1	
145 1,3,5-Trichlorobenzene	180	12.642	12.642	0.0	94	125302	18.7	
123 Camphor	95	13.143	13.143	0.0	89	40688	135.2	
124 1,2,4-Trichlorobenzene	180	13.229	13.229	0.0	92	105589	18.3	
126 Hexachlorobutadiene	225	13.408	13.408	0.0	92	54855	15.7	
127 Naphthalene	128	13.437	13.437	0.0	99	231695	21.4	
128 1,2,3-Trichlorobenzene	180	13.645	13.645	0.0	94	95180	18.8	
S 131 Xylenes, Total	100				0		38.8	

QC Flag Legend

Review Flags
M - Manually Integrated

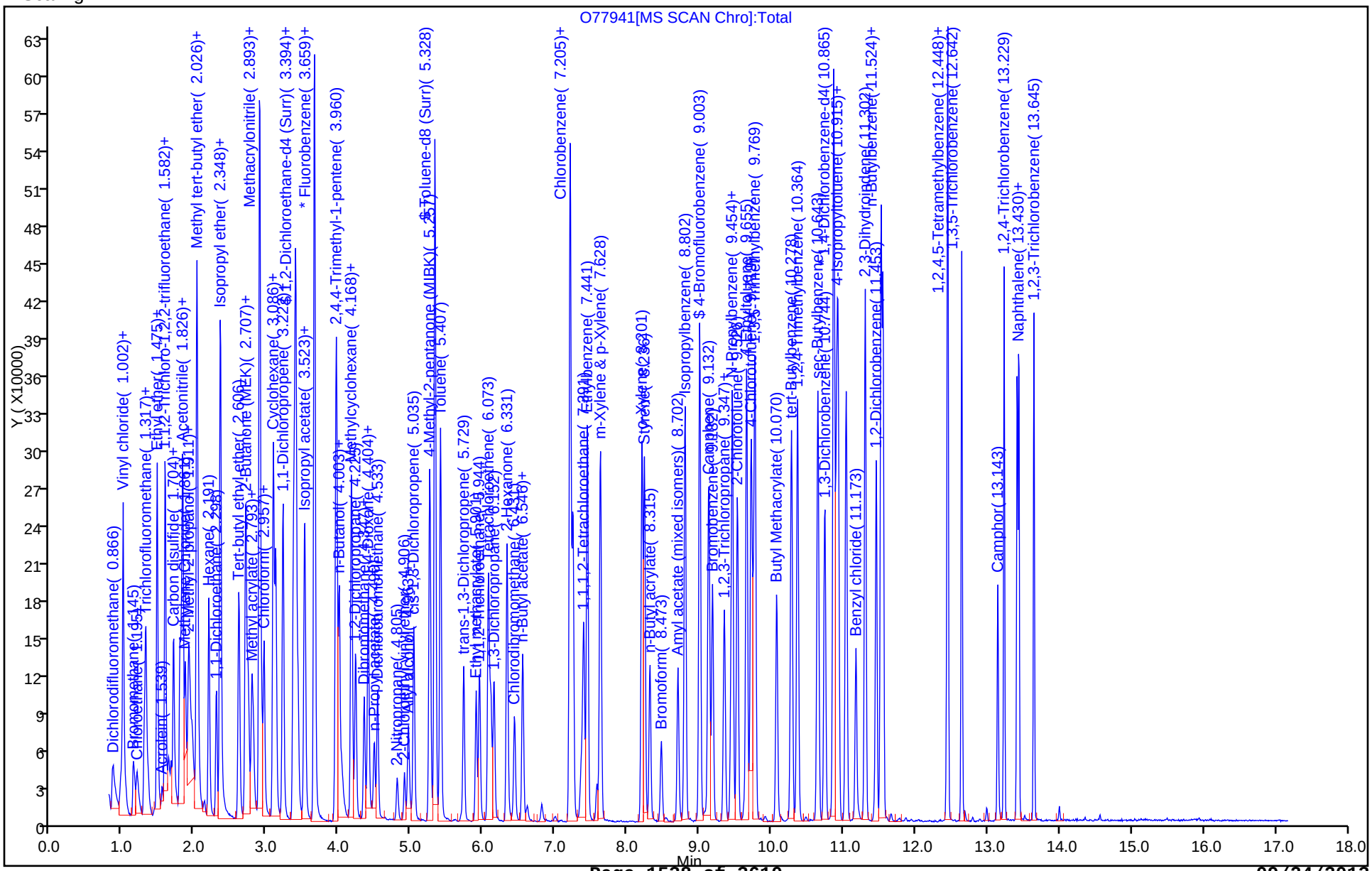
Report Date: 20-Sep-2013 14:44:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77941.D

Injection Date:	17-Sep-2013 06:19:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	5
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



Manual Integration/User Assign Peak Report

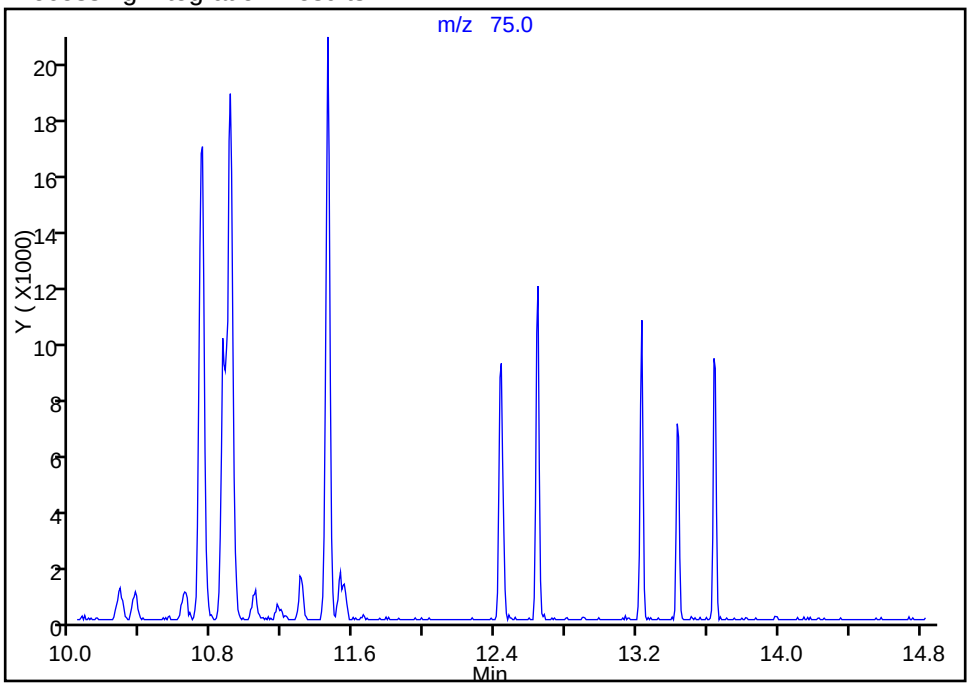
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4695.b\O77941.D		
Injection Date:	17-Sep-2013 06:19:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	181663	Lims Sample ID:	5
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

122 1,2-Dibromo-3-Chloropropane, Signal: 1, m/z: 75.0 Type: quant, RT: 12.43

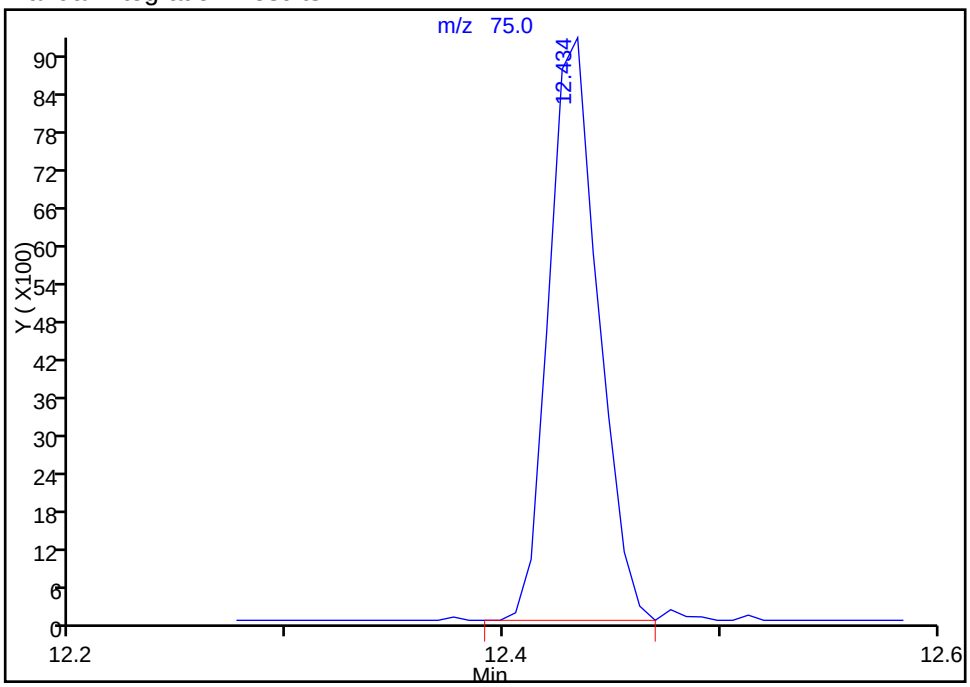
Not Detected
Expected RT: 12.43

Processing Integration Results



Manual Integration Results

RT: 12.43
Response: 14566
Amount: 24.682249



Reviewer: delpolitov, 20-Sep-2013 14:14:24
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-181813/4

Matrix: Solid | Lab File ID: O77965.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 09/17/2013 16:40

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.: 181813 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	13.0		1.0	0.16
74-83-9	Bromomethane	21.3		1.0	0.43
75-01-4	Vinyl chloride	19.5		1.0	0.34
75-00-3	Chloroethane	19.1		1.0	0.33
75-09-2	Methylene Chloride	16.4		1.0	0.15
67-64-1	Acetone	127		5.0	1.7
75-15-0	Carbon disulfide	15.5		1.0	0.15
75-69-4	Trichlorofluoromethane	21.4		1.0	0.16
75-35-4	1,1-Dichloroethene	17.1		1.0	0.19
75-34-3	1,1-Dichloroethane	15.6		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	17.4		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	17.2		1.0	0.11
67-66-3	Chloroform	17.6		1.0	0.24
78-93-3	2-Butanone	81.3		5.0	0.63
107-06-2	1,2-Dichloroethane	19.3		1.0	0.18
71-55-6	1,1,1-Trichloroethane	19.3		1.0	0.13
56-23-5	Carbon tetrachloride	19.4		1.0	0.15
71-43-2	Benzene	18.4		1.0	0.15
75-25-2	Bromoform	18.6		1.0	0.17
100-42-5	Styrene	18.7		1.0	0.28
100-41-4	Ethylbenzene	18.9		1.0	0.17
108-90-7	Chlorobenzene	18.4		1.0	0.18
110-82-7	Cyclohexane	16.9		1.0	0.13
98-82-8	Isopropylbenzene	18.7		1.0	0.11
591-78-6	2-Hexanone	101		5.0	0.13
1634-04-4	MTBE	22.2		1.0	0.11
76-13-1	Freon TF	17.8		1.0	0.11
79-20-9	Methyl acetate	92.9		1.0	0.32
123-91-1	1,4-Dioxane	341		20	13
79-01-6	Trichloroethene	18.5		1.0	0.12
108-88-3	Toluene	18.6		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	20.6		1.0	0.10
108-10-1	4-Methyl-2-pentanone	93.1		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	19.6		1.0	0.14
95-50-1	1,2-Dichlorobenzene	18.5		1.0	0.10
541-73-1	1,3-Dichlorobenzene	18.5		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-181813/4

Matrix: Solid | Lab File ID: O77965.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 09/17/2013 16:40

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.: 181813 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.3		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	17.6		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	17.9		1.0	0.16
78-87-5	1,2-Dichloropropane	17.0		1.0	0.15
108-87-2	Methylcyclohexane	18.9		1.0	0.10
127-18-4	Tetrachloroethene	18.1		1.0	0.12
1330-20-7	Xylenes, Total	38.3		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	20.6		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	18.0		1.0	0.090
79-00-5	1,1,2-Trichloroethane	19.1		1.0	0.14
124-48-1	Dibromochloromethane	20.6		1.0	0.10
106-93-4	1,2-Dibromoethane	19.8		1.0	0.15
75-71-8	Dichlorodifluoromethane	21.7		1.0	0.22
74-97-5	Bromochloromethane	16.8		1.0	0.11
75-27-4	Bromodichloromethane	18.3		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
2037-26-5	Toluene-d8 (Surr)	109		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	98		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77965.D
Lims ID: LCSD Client ID:
Inject. Date: 17-Sep-2013 16:40:30 Dil. Factor: 1.0000
Sample Type: LCSD
Sample ID: LCSD
Misc. Info.: 460-0004727-004
Operator: VOA GC/MS12 Instrument ID: CVOAMS12
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 181813 Lims Sample ID: 4
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\8260S_12.m
Last Update: 20-Sep-2013 15:28:29 Calib Date: 06-Aug-2013 22:09:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D
Limit Group: VOA - 8260B Water and Solid
Integrator: RTE ID Type: Deconvolution ID
Column Type: Rtx-624 Column Dia: 0.25 mm
Process Host: XAWRK026

First Level Reviewer: tupayachia Date: 18-Sep-2013 11:22:18

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.866	0.859	0.007	87	83455	21.7	
2 Chloromethane	50	0.966	0.973	-0.007	89	47495	13.0	
4 Vinyl chloride	62	1.002	0.995	0.007	64	78327	19.5	
149 Butadiene	54	1.002	1.002	0.0	92	66034	18.7	
6 Bromomethane	94	1.145	1.145	0.0	95	47456	21.3	
7 Chloroethane	64	1.195	1.195	0.0	99	39557	19.1	
9 Dichlorofluoromethane	67	1.295	1.295	0.0	91	105412	19.1	
8 Trichlorofluoromethane	101	1.317	1.317	0.0	87	100342	21.4	
11 Ethanol	46	1.475	1.439	0.036	56	7018	517.7	
34 Isopropyl alcohol	45	1.467	1.467	0.0	56	26019	182.7	
13 Ethyl ether	59	1.467	1.467	0.0	90	31793	17.6	
14 2-Methyl-1,3-butadiene	67	1.475	1.475	0.0	94	79159	19.5	
17 Acrolein	56	1.539	1.539	0.0	89	14454	78.3	
18 1,1-Dichloroethene	96	1.582	1.582	0.0	88	48623	17.1	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.582	1.582	0.0	78	52209	17.8	
19 Acetone	43	1.632	1.632	0.0	87	61074	127.1	
20 Iodomethane	142	1.668	1.668	0.0	95	54704	13.5	
21 Carbon disulfide	76	1.697	1.697	0.0	98	152134	15.5	
147 3-Chloro-1-propene	76	1.790	1.790	0.0	88	30679	15.7	
24 Acetonitrile	41	1.790	1.790	0.0	71	78784	133.4	
23 Methyl acetate	43	1.811	1.811	0.0	96	114317	92.9	
22 Cyclopentene	67	1.826	1.826	0.0	87	144296	18.3	
25 Methylene Chloride	84	1.861	1.861	0.0	77	47931	16.4	
* 151 TBA-d9 (IS)	65	1.904	1.904	0.0	99	212827	1000.0	
26 2-Methyl-2-propanol	59	1.954	1.962	-0.008	90	41652	164.7	
29 trans-1,2-Dichloroethene	96	2.019	2.019	0.0	80	51606	17.4	
30 Acrylonitrile	53	2.019	2.019	0.0	97	122565	171.6	
27 Methyl tert-butyl ether	73	2.026	2.026	0.0	95	126106	22.2	
32 Hexane	43	2.191	2.191	0.0	90	39828	16.5	
36 1,1-Dichloroethane	63	2.291	2.291	0.0	91	80194	15.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	43	2.341	2.341	0.0	99	163346	37.6	
33 2-Chloro-1,3-butadiene	88	2.348	2.348	0.0	76	51721	18.7	
35 Isopropyl ether	45	2.348	2.348	0.0	80	128953	19.5	
40 Tert-butyl ethyl ether	59	2.606	2.606	0.0	90	136787	20.6	
41 2,2-Dichloropropane	77	2.699	2.699	0.0	89	71956	17.7	
42 cis-1,2-Dichloroethene	96	2.707	2.699	0.008	93	55518	17.2	
43 2-Butanone (MEK)	72	2.735	2.742	-0.007	97	24041	81.3	
44 Ethyl acetate	43	2.785	2.785	0.0	98	65564	34.0	
48 Propionitrile	54	2.785	2.793	-0.008	81	53367	152.8	
39 Methyl acrylate	55	2.807	2.807	0.0	92	43257	20.2	
46 Chlorobromomethane	128	2.886	2.886	0.0	78	24651	16.8	
31 Methacrylonitrile	67	2.893	2.893	0.0	86	172230	198.8	
45 Tetrahydrofuran	42	2.929	2.929	0.0	87	26006	33.0	
47 Chloroform	83	2.957	2.957	0.0	91	80950	17.6	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	97	86341	48.9	
50 1,1,1-Trichloroethane	97	3.086	3.086	0.0	76	76000	19.3	
49 Cyclohexane	56	3.115	3.115	0.0	86	84188	16.9	
51 Carbon tetrachloride	117	3.215	3.215	0.0	90	64635	19.4	
52 1,1-Dichloropropene	75	3.222	3.222	0.0	96	67360	19.0	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.358	3.358	0.0	84	84113	53.9	
56 Isobutyl alcohol	43	3.394	3.401	-0.007	32	16048	430.7	
53 Benzene	78	3.401	3.401	0.0	91	201875	18.4	
55 1,2-Dichloroethane	62	3.430	3.430	0.0	90	55825	19.3	
142 Tert-amyl methyl ether	73	3.523	3.516	0.007	86	128632	21.9	
57 Isopropyl acetate	43	3.516	3.516	0.0	91	95401	21.0	
* 59 Fluorobenzene	96	3.659	3.652	0.007	97	383084	50.0	
58 n-Heptane	57	3.659	3.652	0.007	49	51033	18.1	
60 2,4,4-Trimethyl-1-pentene	57	3.960	3.960	0.0	95	280795	36.8	
61 Trichloroethene	95	3.996	4.003	-0.007	92	53173	18.5	
62 n-Butanol	56	4.032	4.039	-0.007	85	29678	395.4	
64 Ethyl acrylate	55	4.168	4.168	0.0	94	114778	18.9	
63 Methylcyclohexane	83	4.168	4.168	0.0	85	100015	18.9	
65 1,2-Dichloropropane	63	4.225	4.225	0.0	88	44214	17.0	M
68 Dibromomethane	93	4.347	4.347	0.0	91	25653	17.3	
* 150 1,4-Dioxane-d8	96	4.354	4.361	-0.007	23	19792	1000.0	
66 Methyl methacrylate	41	4.397	4.397	0.0	83	60746	40.2	
67 1,4-Dioxane	88	4.411	4.397	0.014	19	9238	341.4	
69 n-Propyl acetate	43	4.483	4.483	0.0	94	47111	19.6	
70 Dichlorobromomethane	83	4.533	4.533	0.0	95	61779	18.3	
71 2-Nitropropane	41	4.805	4.805	0.0	95	17715	42.0	
72 2-Chloroethyl vinyl ether	63	4.906	4.906	0.0	90	15402	19.0	
73 Epichlorohydrin	57	4.963	4.963	0.0	92	64815	335.1	
38 Allyl alcohol	57	4.963	4.963	0.0	86	64815	0	
74 cis-1,3-Dichloropropene	75	5.035	5.035	0.0	85	75021	19.6	
75 4-Methyl-2-pentanone (MIBK)	43	5.257	5.257	0.0	93	156452	93.1	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	392220	54.3	
77 Toluene	91	5.407	5.407	0.0	93	232346	18.6	
78 trans-1,3-Dichloropropene	75	5.729	5.729	0.0	93	66683	20.6	
82 Ethyl methacrylate	69	5.901	5.901	0.0	83	53225	20.9	
79 1,1,2-Trichloroethane	83	5.944	5.944	0.0	93	32489	19.1	
80 Tetrachloroethene	166	6.073	6.073	0.0	91	62961	18.1	
81 1,3-Dichloropropane	76	6.145	6.152	-0.007	88	68677	19.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	43	6.331	6.331	0.0	93	124596	100.7	
84 Chlorodibromomethane	129	6.431	6.431	0.0	95	48259	20.6	
86 Ethylene Dibromide	107	6.546	6.546	0.0	95	40975	19.8	
85 n-Butyl acetate	43	6.546	6.546	0.0	95	44935	16.7	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	360589	50.0	
88 Chlorobenzene	112	7.241	7.241	0.0	96	152862	18.4	
90 1,1,1,2-Tetrachloroethane	131	7.391	7.391	0.0	88	51147	19.8	
89 Ethylbenzene	106	7.441	7.441	0.0	97	86368	18.9	
91 m-Xylene & p-Xylene	106	7.628	7.628	0.0	95	103350	18.9	
92 o-Xylene	106	8.201	8.201	0.0	91	100445	19.4	
94 Styrene	104	8.236	8.236	0.0	97	166587	18.7	
93 n-Butyl acrylate	73	8.315	8.315	0.0	97	32810	19.0	
97 Bromoform	173	8.473	8.473	0.0	96	32523	18.6	
96 Amyl acetate (mixed isomers)	43	8.702	8.702	0.0	93	57904	18.5	
98 Isopropylbenzene	105	8.802	8.802	0.0	95	275012	18.7	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	93	140263	49.7	
95 Camphene	41	9.125	9.125	0.0	78	18657	16.6	
100 Bromobenzene	156	9.182	9.182	0.0	92	67452	19.7	
101 1,1,2,2-Tetrachloroethane	83	9.340	9.340	0.0	90	49982	18.0	
103 1,2,3-Trichloropropane	110	9.354	9.347	0.007	92	16170	20.7	
104 trans-1,4-Dichloro-2-butene	53	9.433	9.433	0.0	83	13558	19.6	
102 N-Propylbenzene	91	9.454	9.454	0.0	100	316340	19.2	
105 2-Chlorotoluene	91	9.526	9.526	0.0	96	182892	19.8	
143 4-Ethyltoluene	105	9.655	9.655	0.0	99	282432	20.6	
107 4-Chlorotoluene	91	9.712	9.719	-0.007	96	187689	19.4	
106 1,3,5-Trimethylbenzene	105	9.769	9.769	0.0	93	228356	19.9	
108 Butyl Methacrylate	87	10.070	10.070	0.0	85	66850	20.3	
109 tert-Butylbenzene	119	10.278	10.278	0.0	94	207300	19.7	
110 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	97	233291	19.7	
113 sec-Butylbenzene	105	10.364	10.364	0.0	78	233291	14.5	
115 1,3-Dichlorobenzene	146	10.736	10.736	0.0	97	132071	18.5	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	87	207136	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	95	131343	18.3	
114 4-Isopropyltoluene	119	10.923	10.923	0.0	94	269929	18.7	
118 Benzyl chloride	91	11.173	11.173	0.0	98	97307	19.2	
119 2,3-Dihydroindene	117	11.302	11.302	0.0	90	244922	20.5	
121 1,2-Dichlorobenzene	146	11.453	11.453	0.0	97	125126	18.5	
133 p-Diethylbenzene	119	11.517	11.517	0.0	95	170741	19.6	
120 n-Butylbenzene	91	11.546	11.546	0.0	97	292280	18.7	
122 1,2-Dibromo-3-Chloropropane	75	12.434	12.427	0.007	82	12037	20.6	
132 1,2,4,5-Tetramethylbenzene	119	12.448	12.448	0.0	98	259764	20.1	
145 1,3,5-Trichlorobenzene	180	12.642	12.642	0.0	97	116057	17.7	
123 Camphor	95	13.143	13.143	0.0	88	32454	111.5	
124 1,2,4-Trichlorobenzene	180	13.229	13.229	0.0	92	99393	17.6	
126 Hexachlorobutadiene	225	13.408	13.408	0.0	93	56398	16.5	
127 Naphthalene	128	13.430	13.430	0.0	99	209622	19.6	
128 1,2,3-Trichlorobenzene	180	13.645	13.645	0.0	96	88802	17.9	
S 131 Xylenes, Total	100				0		38.3	

QC Flag Legend

Review Flags
M - Manually Integrated

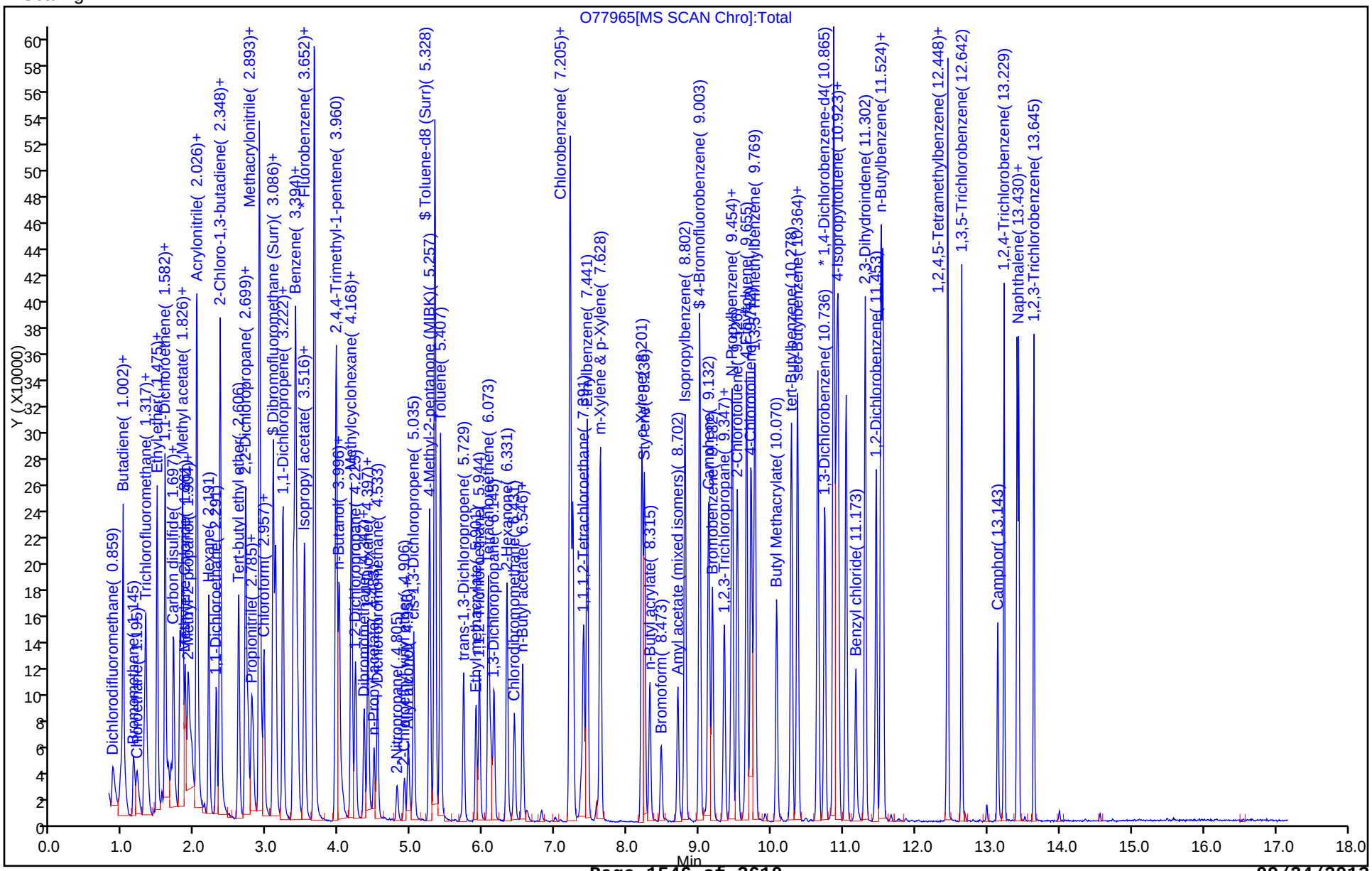
Report Date: 20-Sep-2013 15:28:30 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77965.D

Injection Date:	17-Sep-2013 16:40:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	4
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



Manual Integration/User Assign Peak Report

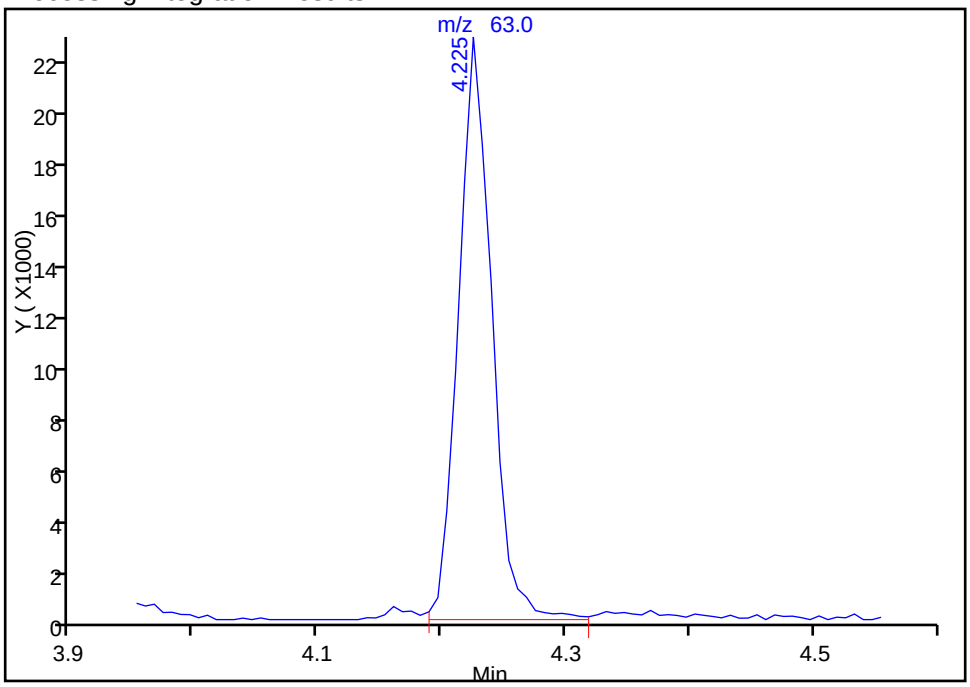
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS12\20130917-4727.b\O77965.D		
Injection Date:	17-Sep-2013 16:40:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	181813	Lims Sample ID:	4
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

65 1,2-Dichloropropane, Signal: 1, m/z: 63.0 Type: quant, RT: 4.23

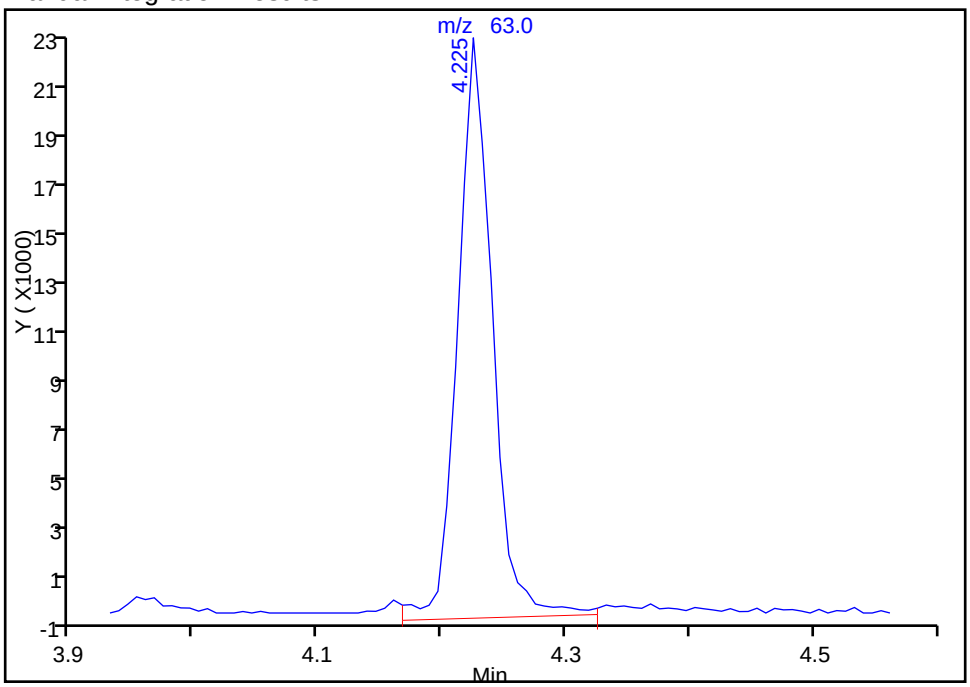
Processing Integration Results

RT: 4.23
Response: 42074
Amount: 16.186930



Manual Integration Results

RT: 4.23
Response: 44214
Amount: 17.010243



Reviewer: tupayachia, 17-Sep-2013 17:03:46
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-182287/5

Matrix: Solid Lab File ID: O78099.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 09/20/2013 06:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182287 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	13.3		1.0	0.16
74-83-9	Bromomethane	22.6		1.0	0.43
75-01-4	Vinyl chloride	19.0		1.0	0.34
75-00-3	Chloroethane	19.9		1.0	0.33
75-09-2	Methylene Chloride	17.7		1.0	0.15
67-64-1	Acetone	132		5.0	1.7
75-15-0	Carbon disulfide	16.2		1.0	0.15
75-69-4	Trichlorofluoromethane	22.5		1.0	0.16
75-35-4	1,1-Dichloroethene	18.3		1.0	0.19
75-34-3	1,1-Dichloroethane	16.5		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	18.8		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	17.8		1.0	0.11
67-66-3	Chloroform	18.8		1.0	0.24
78-93-3	2-Butanone	81.4		5.0	0.63
107-06-2	1,2-Dichloroethane	20.7		1.0	0.18
71-55-6	1,1,1-Trichloroethane	20.2		1.0	0.13
56-23-5	Carbon tetrachloride	20.3		1.0	0.15
71-43-2	Benzene	17.9		1.0	0.15
75-25-2	Bromoform	18.4		1.0	0.17
100-42-5	Styrene	18.1		1.0	0.28
100-41-4	Ethylbenzene	18.5		1.0	0.17
108-90-7	Chlorobenzene	18.6		1.0	0.18
110-82-7	Cyclohexane	17.3		1.0	0.13
98-82-8	Isopropylbenzene	18.4		1.0	0.11
591-78-6	2-Hexanone	103		5.0	0.13
1634-04-4	MTBE	23.5		1.0	0.11
76-13-1	Freon TF	18.8		1.0	0.11
79-20-9	Methyl acetate	106		1.0	0.32
123-91-1	1,4-Dioxane	342		20	13
79-01-6	Trichloroethene	19.2		1.0	0.12
108-88-3	Toluene	18.3		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	20.9		1.0	0.10
108-10-1	4-Methyl-2-pentanone	97.9		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	19.1		1.0	0.14
95-50-1	1,2-Dichlorobenzene	18.1		1.0	0.10
541-73-1	1,3-Dichlorobenzene	18.4		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-182287/5

Matrix: Solid | Lab File ID: O78099.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 09/20/2013 06:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 182287 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.5		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	16.8		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	18.0		1.0	0.16
78-87-5	1,2-Dichloropropane	18.3		1.0	0.15
108-87-2	Methylcyclohexane	20.2		1.0	0.10
127-18-4	Tetrachloroethene	18.7		1.0	0.12
1330-20-7	Xylenes, Total	37.3		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	22.3		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	18.7		1.0	0.090
79-00-5	1,1,2-Trichloroethane	18.1		1.0	0.14
124-48-1	Dibromochloromethane	20.1		1.0	0.10
106-93-4	1,2-Dibromoethane	19.4		1.0	0.15
75-71-8	Dichlorodifluoromethane	20.7		1.0	0.22
74-97-5	Bromochloromethane	18.2		1.0	0.11
75-27-4	Bromodichloromethane	19.6		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		70-130
2037-26-5	Toluene-d8 (Surr)	107		70-130
460-00-4	Bromofluorobenzene	101		70-130
1868-53-7	Dibromofluoromethane (Surr)	107		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78099.D
Lims ID: LCSD
Client ID:
Inject. Date: 20-Sep-2013 06:45:30
Dil. Factor: 1.0000
Sample Type: LCSD
Sample ID: MB
Misc. Info.: 460-0004833-005
Operator: VOA GC/MS12
Instrument ID: CVOAMS12
Purge Vol: 5.000 mL
ALS Bottle#: 4
Lims Batch ID: 182287
Lims Sample ID: 5
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\8260S_12.m
Last Update: 20-Sep-2013 10:29:27
Calib Date: 06-Aug-2013 22:09:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20130806-3227.b\O76502.D
Limit Group: VOA - 8260B Water and Solid
Integrator: RTE
ID Type: Deconvolution ID
Column Type: DB-624
Column Dia: 0.18 mm
Process Host: XAWRK016

First Level Reviewer: delpolitov
Date: 20-Sep-2013 10:25:29

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.859	0.859	0.0	96	101661	20.7	
2 Chloromethane	50	0.980	0.980	0.0	69	62122	13.3	
4 Vinyl chloride	62	0.995	0.995	0.0	80	97725	19.0	
149 Butadiene	54	1.002	1.002	0.0	94	83933	18.6	
6 Bromomethane	94	1.152	1.152	0.0	95	64294	22.6	
7 Chloroethane	64	1.195	1.195	0.0	99	52862	19.9	
9 Dichlorofluoromethane	67	1.296	1.296	0.0	99	143694	20.4	
8 Trichlorofluoromethane	101	1.317	1.317	0.0	88	134833	22.5	
11 Ethanol	46	1.439	1.439	0.0	87	12560	573.2	
13 Ethyl ether	59	1.468	1.468	0.0	91	42239	18.3	
14 2-Methyl-1,3-butadiene	67	1.475	1.475	0.0	94	107872	20.8	
17 Acrolein	56	1.539	1.539	0.0	81	18701	62.7	
18 1,1-Dichloroethene	96	1.589	1.589	0.0	87	66798	18.3	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.589	1.589	0.0	77	70681	18.8	
19 Acetone	43	1.625	1.625	0.0	83	81073	132.2	
20 Iodomethane	142	1.668	1.668	0.0	99	78337	15.1	
21 Carbon disulfide	76	1.704	1.704	0.0	98	203547	16.2	
34 Isopropyl alcohol	45	1.718	1.718	0.0	1	27487	119.4	
147 3-Chloro-1-propene	76	1.790	1.790	0.0	89	44132	17.6	
24 Acetonitrile	41	1.790	1.790	0.0	71	106899	141.5	
23 Methyl acetate	43	1.811	1.811	0.0	94	166155	105.9	
22 Cyclopentene	67	1.833	1.833	0.0	79	187135	18.6	
25 Methylene Chloride	84	1.861	1.861	0.0	78	65880	17.7	
* 151 TBA-d9 (IS)	65	1.904	1.904	0.0	100	344020	1000.0	
26 2-Methyl-2-propanol	59	1.955	1.955	0.0	96	68502	168.0	
30 Acrylonitrile	53	2.019	2.019	0.0	95	177438	194.3	
29 trans-1,2-Dichloroethene	96	2.026	2.026	0.0	74	71305	18.8	
27 Methyl tert-butyl ether	73	2.026	2.026	0.0	94	170308	23.5	
32 Hexane	43	2.191	2.191	0.0	88	50828	16.4	
36 1,1-Dichloroethane	63	2.298	2.298	0.0	91	108691	16.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	43	2.341	2.341	0.0	99	223048	40.1	
35 Isopropyl ether	45	2.349	2.349	0.0	68	159186	18.9	
33 2-Chloro-1,3-butadiene	88	2.356	2.356	0.0	78	70295	19.9	
40 Tert-butyl ethyl ether	59	2.606	2.606	0.0	91	173816	20.4	
41 2,2-Dichloropropane	77	2.700	2.700	0.0	83	98787	19.0	
42 cis-1,2-Dichloroethene	96	2.707	2.707	0.0	92	73667	17.8	
43 2-Butanone (MEK)	72	2.743	2.743	0.0	98	38914	81.4	
44 Ethyl acetate	43	2.786	2.786	0.0	98	94066	38.1	
48 Propionitrile	54	2.793	2.793	0.0	84	76907	136.2	
39 Methyl acrylate	55	2.807	2.807	0.0	89	59045	21.6	
46 Chlorobromomethane	128	2.886	2.886	0.0	74	34055	18.2	
31 Methacrylonitrile	67	2.900	2.900	0.0	86	243445	219.6	
45 Tetrahydrofuran	42	2.929	2.929	0.0	86	37192	29.2	
47 Chloroform	83	2.957	2.957	0.0	93	110336	18.8	
50 1,1,1-Trichloroethane	97	3.086	3.086	0.0	72	101854	20.2	
$ 152 Dibromofluoromethane (Surr)	113	3.086	3.086	0.0	96	120405	53.3	
49 Cyclohexane	56	3.122	3.122	0.0	84	110284	17.3	
51 Carbon tetrachloride	117	3.215	3.215	0.0	90	86294	20.3	
52 1,1-Dichloropropene	75	3.222	3.222	0.0	94	86091	19.0	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.359	3.359	0.0	78	119860	60.1	
53 Benzene	78	3.402	3.402	0.0	92	269589	17.9	
56 Isobutyl alcohol	43	3.402	3.402	0.0	34	22219	391.3	
55 1,2-Dichloroethane	62	3.430	3.430	0.0	90	76490	20.7	
57 Isopropyl acetate	43	3.523	3.523	0.0	80	129358	22.3	
142 Tert-amyl methyl ether	73	3.523	3.523	0.0	83	170221	22.7	
* 59 Fluorobenzene	96	3.659	3.659	0.0	97	490034	50.0	
58 n-Heptane	57	3.659	3.659	0.0	49	69098	19.5	
60 2,4,4-Trimethyl-1-pentene	57	3.960	3.960	0.0	95	367726	37.7	
61 Trichloroethene	95	4.003	4.003	0.0	92	70411	19.2	
62 n-Butanol	56	4.032	4.032	0.0	84	45994	378.6	
64 Ethyl acrylate	55	4.168	4.168	0.0	96	159730	20.6	
63 Methylcyclohexane	83	4.175	4.175	0.0	89	136730	20.2	
65 1,2-Dichloropropane	63	4.225	4.225	0.0	86	60833	18.3	
* 150 1,4-Dioxane-d8	96	4.347	4.347	0.0	32	34967	1000.0	
68 Dibromomethane	93	4.347	4.347	0.0	89	35100	18.5	
66 Methyl methacrylate	41	4.404	4.404	0.0	82	81928	42.4	
67 1,4-Dioxane	88	4.404	4.404	0.0	29	16366	342.3	
69 n-Propyl acetate	43	4.483	4.483	0.0	93	66156	21.5	
70 Dichlorobromomethane	83	4.533	4.533	0.0	96	84478	19.6	
71 2-Nitropropane	41	4.805	4.805	0.0	95	23988	44.6	
72 2-Chloroethyl vinyl ether	63	4.906	4.906	0.0	70	19226	18.5	
38 Allyl alcohol	57	4.956	4.956	0.0	74	93911	0	
73 Epichlorohydrin	57	4.956	4.956	0.0	92	93911	351.9	
74 cis-1,3-Dichloropropene	75	5.035	5.035	0.0	84	101035	19.1	
75 4-Methyl-2-pentanone (MIBK)	43	5.257	5.257	0.0	93	227068	97.9	
$ 76 Toluene-d8 (Surr)	98	5.328	5.328	0.0	99	533366	53.6	
77 Toluene	91	5.407	5.407	0.0	92	315933	18.3	
78 trans-1,3-Dichloropropene	75	5.730	5.730	0.0	91	93462	20.9	
82 Ethyl methacrylate	69	5.901	5.901	0.0	85	72787	20.7	
79 1,1,2-Trichloroethane	83	5.944	5.944	0.0	91	42500	18.1	
80 Tetrachloroethene	166	6.073	6.073	0.0	90	89428	18.7	
81 1,3-Dichloropropane	76	6.152	6.152	0.0	90	92128	18.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	43	6.331	6.331	0.0	91	175531	102.8	
84 Chlorodibromomethane	129	6.432	6.432	0.0	93	65091	20.1	
86 Ethylene Dibromide	107	6.546	6.546	0.0	92	55326	19.4	
85 n-Butyl acetate	43	6.546	6.546	0.0	95	62304	16.8	
* 87 Chlorobenzene-d5	117	7.205	7.205	0.0	82	497505	50.0	
88 Chlorobenzene	112	7.248	7.248	0.0	95	212763	18.6	
90 1,1,1,2-Tetrachloroethane	131	7.391	7.391	0.0	86	70229	19.7	
89 Ethylbenzene	106	7.441	7.441	0.0	97	117072	18.5	
91 m-Xylene & p-Xylene	106	7.628	7.628	0.0	95	139046	18.4	
92 o-Xylene	106	8.201	8.201	0.0	90	134762	18.8	
94 Styrene	104	8.237	8.237	0.0	95	221442	18.1	
93 n-Butyl acrylate	73	8.315	8.315	0.0	97	45217	19.0	
97 Bromoform	173	8.473	8.473	0.0	98	44555	18.4	
96 Amyl acetate (mixed isomers)	43	8.702	8.702	0.0	92	78533	18.1	
98 Isopropylbenzene	105	8.802	8.802	0.0	94	373862	18.4	
$ 99 4-Bromofluorobenzene	174	9.003	9.003	0.0	93	196685	50.5	
95 Camphene	41	9.132	9.132	0.0	87	25430	16.4	
100 Bromobenzene	156	9.182	9.182	0.0	93	90659	19.1	
101 1,1,2,2-Tetrachloroethane	83	9.340	9.340	0.0	89	71917	18.7	
103 1,2,3-Trichloropropane	110	9.347	9.347	0.0	93	22926	21.2	
104 trans-1,4-Dichloro-2-butene	53	9.440	9.440	0.0	81	18181	19.0	
102 N-Propylbenzene	91	9.461	9.461	0.0	99	429353	18.8	
105 2-Chlorotoluene	91	9.526	9.526	0.0	96	248613	19.4	
143 4-Ethyltoluene	105	9.655	9.655	0.0	99	382844	20.1	
107 4-Chlorotoluene	91	9.719	9.719	0.0	95	257478	19.3	
106 1,3,5-Trimethylbenzene	105	9.777	9.777	0.0	94	311218	19.6	
108 Butyl Methacrylate	87	10.070	10.070	0.0	84	86133	18.8	
109 tert-Butylbenzene	119	10.278	10.278	0.0	94	276940	19.0	
110 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	96	316974	19.3	
113 sec-Butylbenzene	105	10.643	10.643	0.0	99	411208	18.5	
115 1,3-Dichlorobenzene	146	10.736	10.736	0.0	98	181594	18.4	
* 116 1,4-Dichlorobenzene-d4	152	10.865	10.865	0.0	90	286942	50.0	
117 1,4-Dichlorobenzene	146	10.901	10.901	0.0	95	184201	18.5	
114 4-Isopropyltoluene	119	10.923	10.923	0.0	96	366591	18.4	
118 Benzyl chloride	91	11.173	11.173	0.0	99	139438	19.8	
119 2,3-Dihydroindene	117	11.302	11.302	0.0	94	324201	19.6	
121 1,2-Dichlorobenzene	146	11.453	11.453	0.0	97	170409	18.1	
133 p-Diethylbenzene	119	11.524	11.524	0.0	93	226491	18.8	
120 n-Butylbenzene	91	11.546	11.546	0.0	97	399697	18.5	
122 1,2-Dibromo-3-Chloropropane	75	12.434	12.434	0.0	84	18034	22.3	
132 1,2,4,5-Tetramethylbenzene	119	12.448	12.448	0.0	98	349630	19.5	
145 1,3,5-Trichlorobenzene	180	12.642	12.642	0.0	94	153790	16.9	
123 Camphor	95	13.143	13.143	0.0	87	50749	124.7	
124 1,2,4-Trichlorobenzene	180	13.229	13.229	0.0	89	132189	16.8	
126 Hexachlorobutadiene	225	13.408	13.408	0.0	93	75920	16.0	
127 Naphthalene	128	13.430	13.430	0.0	99	292578	19.8	
128 1,2,3-Trichlorobenzene	180	13.645	13.645	0.0	95	124095	18.0	
S 131 Xylenes, Total	100				0		37.3	

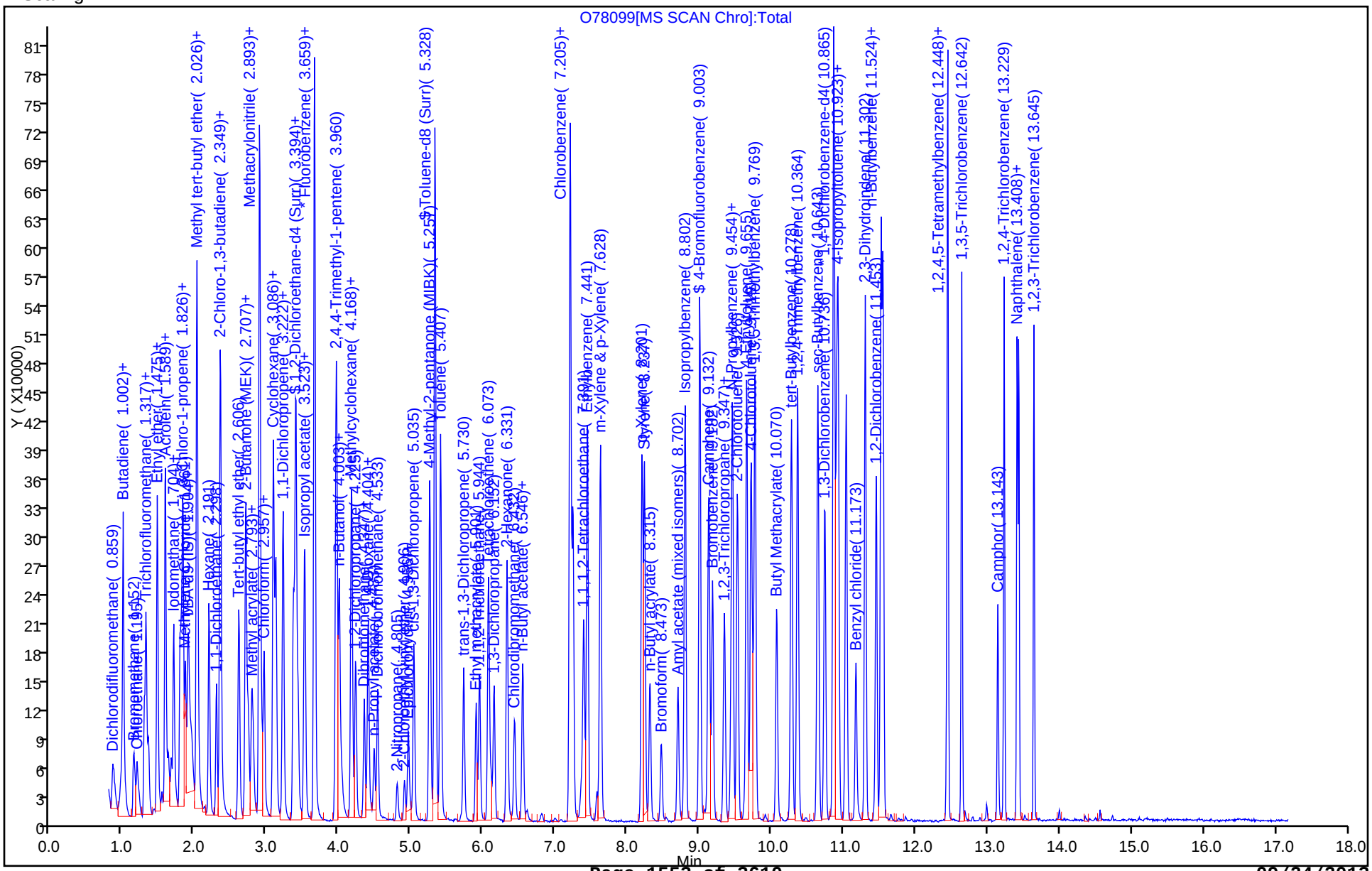
Report Date: 20-Sep-2013 10:36:05 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20130920-4833.b\O78099.D

Injection Date:	20-Sep-2013 06:45:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS12
Lims Batch ID:	182287	Lims Sample ID:	5
Operator ID:	VOA GC/MS12	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-62968-A-6-A MS

Matrix: Solid Lab File ID: B60676.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5.897(g) Date Analyzed: 09/19/2013 15:13

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.0 Level: (low/med) Medium

Analysis Batch No.: 182095 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1670		190	19
74-83-9	Bromomethane	1670		190	35
75-01-4	Vinyl chloride	1810		190	28
75-00-3	Chloroethane	2360		190	33
75-09-2	Methylene Chloride	1890		190	36
67-64-1	Acetone	8470		970	520
75-15-0	Carbon disulfide	1500		190	24
75-69-4	Trichlorofluoromethane	1830		190	28
75-35-4	1,1-Dichloroethene	1770		190	17
75-34-3	1,1-Dichloroethane	2000		190	25
156-60-5	trans-1,2-Dichloroethene	1880		190	25
156-59-2	cis-1,2-Dichloroethene	2010		190	35
67-66-3	Chloroform	2070		190	15
78-93-3	2-Butanone	10000		970	450
107-06-2	1,2-Dichloroethane	1880		190	37
71-55-6	1,1,1-Trichloroethane	1910		190	12
56-23-5	Carbon tetrachloride	1820		190	11
71-43-2	Benzene	1900		190	16
75-25-2	Bromoform	2050		190	37
100-42-5	Styrene	1960		190	23
100-41-4	Ethylbenzene	1830		190	19
108-90-7	Chlorobenzene	1880		190	21
110-82-7	Cyclohexane	1830		190	31
98-82-8	Isopropylbenzene	1900		190	15
591-78-6	2-Hexanone	8840		970	97
1634-04-4	MTBE	1930		190	27
76-13-1	Freon TF	2300		190	16
79-20-9	Methyl acetate	9490		970	65
123-91-1	1,4-Dioxane	40400		9700	7000
79-01-6	Trichloroethene	1870		190	18
108-88-3	Toluene	1870		190	29
10061-02-6	trans-1,3-Dichloropropene	2190		190	47
108-10-1	4-Methyl-2-pentanone	9200		970	190
10061-01-5	cis-1,3-Dichloropropene	1840		190	36
95-50-1	1,2-Dichlorobenzene	1860		190	40
541-73-1	1,3-Dichlorobenzene	1840		190	26

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-62968-A-6-A MS

Matrix: Solid | Lab File ID: B60676.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5.897(g) | Date Analyzed: 09/19/2013 15:13

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.0 | Level: (low/med) Medium

Analysis Batch No.: 182095 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2190		190	45
120-82-1	1,2,4-Trichlorobenzene	3300		190	67
87-61-6	1,2,3-Trichlorobenzene	2550		190	100
78-87-5	1,2-Dichloropropane	1850		190	17
108-87-2	Methylcyclohexane	2260		190	26
127-18-4	Tetrachloroethene	1750		190	19
1330-20-7	Xylenes, Total	5740		580	70
96-12-8	1,2-Dibromo-3-Chloropropane	4780		190	78
79-34-5	1,1,2,2-Tetrachloroethane	2690		190	31
79-00-5	1,1,2-Trichloroethane	1820		190	37
124-48-1	Dibromochloromethane	1720		190	39
106-93-4	1,2-Dibromoethane	1840		190	54
75-71-8	Dichlorodifluoromethane	1270		190	42
74-97-5	Bromochloromethane	1800		190	53
75-27-4	Bromodichloromethane	1670		190	24

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		75-135
2037-26-5	Toluene-d8 (Surr)	74		59-150
460-00-4	Bromofluorobenzene	81		72-133
1868-53-7	Dibromofluoromethane (Surr)	88		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-62772-C-2 MS

Matrix: Water | Lab File ID: J04338.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/17/2013 15:26

Soil Aliquot Vol: | Dilution Factor: 20

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 181697 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	316		20	2.0
74-83-9	Bromomethane	294		20	3.6
75-01-4	Vinyl chloride	343		20	2.8
75-00-3	Chloroethane	330		20	3.4
75-09-2	Methylene Chloride	417		20	3.6
67-64-1	Acetone	1800		100	54
75-15-0	Carbon disulfide	373		20	2.6
75-69-4	Trichlorofluoromethane	363		20	3.0
75-35-4	1,1-Dichloroethene	375		20	1.8
75-34-3	1,1-Dichloroethane	392		20	2.6
156-60-5	trans-1,2-Dichloroethene	390		20	2.6
156-59-2	cis-1,2-Dichloroethene	366		20	3.6
67-66-3	Chloroform	403		20	1.6
78-93-3	2-Butanone	1650		100	46
107-06-2	1,2-Dichloroethane	392		20	3.8
71-55-6	1,1,1-Trichloroethane	422		20	1.2
56-23-5	Carbon tetrachloride	468		20	1.2
71-43-2	Benzene	379		20	1.6
75-25-2	Bromoform	424		20	3.8
100-42-5	Styrene	491		20	2.4
100-41-4	Ethylbenzene	1690		20	2.0
108-90-7	Chlorobenzene	380		20	2.2
110-82-7	Cyclohexane	441		20	3.2
98-82-8	Isopropylbenzene	483		20	1.6
591-78-6	2-Hexanone	1540		100	10
1634-04-4	MTBE	326		20	2.8
76-13-1	Freon TF	407		20	1.6
79-20-9	Methyl acetate	2140		40	6.8
123-91-1	1,4-Dioxane	6300		1000	720
79-01-6	Trichloroethene	400		20	1.8
108-88-3	Toluene	2440		20	3.0
10061-02-6	trans-1,3-Dichloropropene	333		20	4.8
108-10-1	4-Methyl-2-pentanone	1810		100	20
10061-01-5	cis-1,3-Dichloropropene	358		20	3.6
95-50-1	1,2-Dichlorobenzene	380		20	4.2
541-73-1	1,3-Dichlorobenzene	374		20	2.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-62772-C-2 MS

Matrix: Water Lab File ID: J04338.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/17/2013 15:26

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 181697 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	375		20	4.6
120-82-1	1,2,4-Trichlorobenzene	375		20	6.8
87-61-6	1,2,3-Trichlorobenzene	362		20	10
78-87-5	1,2-Dichloropropane	354		20	1.8
108-87-2	Methylcyclohexane	414		20	2.8
127-18-4	Tetrachloroethene	474		20	2.0
1330-20-7	Xylenes, Total	8860		60	2.6
96-12-8	1,2-Dibromo-3-Chloropropane	326		20	8.0
79-34-5	1,1,2,2-Tetrachloroethane	368		20	3.2
79-00-5	1,1,2-Trichloroethane	383		20	3.8
124-48-1	Dibromochloromethane	418		20	4.0
106-93-4	1,2-Dibromoethane	374		20	5.6
75-71-8	Dichlorodifluoromethane	356		20	4.4
74-97-5	Bromochloromethane	411		20	5.4
75-27-4	Bromodichloromethane	390		20	2.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	110		70-130
1868-53-7	Dibromofluoromethane (Surr)	103		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-62871-A-1-A MS

Matrix: Solid | Lab File ID: B60713.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5.58(g) | Date Analyzed: 09/20/2013 05:18

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.6 | Level: (low/med) Medium

Analysis Batch No.: 182277 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1380		210	20
74-83-9	Bromomethane	1580		210	37
75-01-4	Vinyl chloride	1740		210	30
75-00-3	Chloroethane	2290		210	35
75-09-2	Methylene Chloride	1690		210	37
67-64-1	Acetone	8380		1000	550
75-15-0	Carbon disulfide	1230		210	26
75-69-4	Trichlorofluoromethane	1760		210	30
75-35-4	1,1-Dichloroethene	1560		210	18
75-34-3	1,1-Dichloroethane	1920		210	27
156-60-5	trans-1,2-Dichloroethene	1880		210	26
156-59-2	cis-1,2-Dichloroethene	1830		210	36
67-66-3	Chloroform	1910		210	16
78-93-3	2-Butanone	9150		1000	480
107-06-2	1,2-Dichloroethane	1870		210	39
71-55-6	1,1,1-Trichloroethane	1800		210	13
56-23-5	Carbon tetrachloride	1720		210	12
71-43-2	Benzene	1890		210	17
75-25-2	Bromoform	2050		210	39
100-42-5	Styrene	1900		210	24
100-41-4	Ethylbenzene	1840		210	20
108-90-7	Chlorobenzene	1860		210	23
110-82-7	Cyclohexane	1800		210	33
98-82-8	Isopropylbenzene	1840		210	16
591-78-6	2-Hexanone	9570		1000	100
1634-04-4	MTBE	2130		210	28
76-13-1	Freon TF	2050		210	17
79-20-9	Methyl acetate	9580		1000	69
123-91-1	1,4-Dioxane	41900		10000	7400
79-01-6	Trichloroethene	1770		210	19
108-88-3	Toluene	1840		210	31
10061-02-6	trans-1,3-Dichloropropene	2170		210	50
108-10-1	4-Methyl-2-pentanone	9960		1000	200
10061-01-5	cis-1,3-Dichloropropene	1810		210	38
95-50-1	1,2-Dichlorobenzene	1930		210	42
541-73-1	1,3-Dichlorobenzene	1880		210	28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-62871-A-1-A MS

Matrix: Solid | Lab File ID: B60713.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5.58(g) | Date Analyzed: 09/20/2013 05:18

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.6 | Level: (low/med) Medium

Analysis Batch No.: 182277 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1860		210	48
120-82-1	1,2,4-Trichlorobenzene	3400		210	70
87-61-6	1,2,3-Trichlorobenzene	2460		210	100
78-87-5	1,2-Dichloropropane	1820		210	18
108-87-2	Methylcyclohexane	1580		210	28
127-18-4	Tetrachloroethene	1740		210	20
1330-20-7	Xylenes, Total	3780		620	74
96-12-8	1,2-Dibromo-3-Chloropropane	2650		210	82
79-34-5	1,1,2,2-Tetrachloroethane	1870		210	32
79-00-5	1,1,2-Trichloroethane	1930		210	38
124-48-1	Dibromochloromethane	1680		210	41
106-93-4	1,2-Dibromoethane	1850		210	56
75-71-8	Dichlorodifluoromethane	1520		210	44
74-97-5	Bromochloromethane	1780		210	56
75-27-4	Bromodichloromethane	1590		210	26

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		75-135
2037-26-5	Toluene-d8 (Surr)	77		59-150
460-00-4	Bromofluorobenzene	85		72-133
1868-53-7	Dibromofluoromethane (Surr)	90		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-62968-A-6-A MSD

Matrix: Solid | Lab File ID: B60677.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5.897(g) | Date Analyzed: 09/19/2013 15:36

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.0 | Level: (low/med) Medium

Analysis Batch No.: 182095 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1780		190	19
74-83-9	Bromomethane	1880		190	35
75-01-4	Vinyl chloride	1970		190	28
75-00-3	Chloroethane	2320		190	33
75-09-2	Methylene Chloride	1950		190	36
67-64-1	Acetone	8550		970	520
75-15-0	Carbon disulfide	1650		190	24
75-69-4	Trichlorofluoromethane	1830		190	28
75-35-4	1,1-Dichloroethene	1910		190	17
75-34-3	1,1-Dichloroethane	1990		190	25
156-60-5	trans-1,2-Dichloroethene	2080		190	25
156-59-2	cis-1,2-Dichloroethene	2000		190	35
67-66-3	Chloroform	2120		190	15
78-93-3	2-Butanone	10300		970	450
107-06-2	1,2-Dichloroethane	1970		190	37
71-55-6	1,1,1-Trichloroethane	1870		190	12
56-23-5	Carbon tetrachloride	1920		190	11
71-43-2	Benzene	2010		190	16
75-25-2	Bromoform	2040		190	37
100-42-5	Styrene	2070		190	23
100-41-4	Ethylbenzene	1980		190	19
108-90-7	Chlorobenzene	1980		190	21
110-82-7	Cyclohexane	1740		190	31
98-82-8	Isopropylbenzene	1970		190	15
591-78-6	2-Hexanone	9190		970	97
1634-04-4	MTBE	1930		190	27
76-13-1	Freon TF	2180		190	16
79-20-9	Methyl acetate	9600		970	65
123-91-1	1,4-Dioxane	44500		9700	7000
79-01-6	Trichloroethene	1950		190	18
108-88-3	Toluene	1930		190	29
10061-02-6	trans-1,3-Dichloropropene	2240		190	47
108-10-1	4-Methyl-2-pentanone	9660		970	190
10061-01-5	cis-1,3-Dichloropropene	1970		190	36
95-50-1	1,2-Dichlorobenzene	1910		190	40
541-73-1	1,3-Dichlorobenzene	1920		190	26

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-62968-A-6-A MSD

Matrix: Solid | Lab File ID: B60677.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5.897(g) | Date Analyzed: 09/19/2013 15:36

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.0 | Level: (low/med) Medium

Analysis Batch No.: 182095 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2260		190	45
120-82-1	1,2,4-Trichlorobenzene	2380		190	67
87-61-6	1,2,3-Trichlorobenzene	2960		190	100
78-87-5	1,2-Dichloropropane	1940		190	17
108-87-2	Methylcyclohexane	2280		190	26
127-18-4	Tetrachloroethene	1790		190	19
1330-20-7	Xylenes, Total	5900		580	70
96-12-8	1,2-Dibromo-3-Chloropropane	5120		190	78
79-34-5	1,1,2,2-Tetrachloroethane	2730		190	31
79-00-5	1,1,2-Trichloroethane	1960		190	37
124-48-1	Dibromochloromethane	1820		190	39
106-93-4	1,2-Dibromoethane	1940		190	54
75-71-8	Dichlorodifluoromethane	1380		190	42
74-97-5	Bromochloromethane	1910		190	53
75-27-4	Bromodichloromethane	1780		190	24

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		75-135
2037-26-5	Toluene-d8 (Surr)	78		59-150
460-00-4	Bromofluorobenzene	83		72-133
1868-53-7	Dibromofluoromethane (Surr)	91		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-62772-C-2 MSD

Matrix: Water Lab File ID: J04339.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/17/2013 15:51

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 181697 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	410		20	2.0
74-83-9	Bromomethane	399		20	3.6
75-01-4	Vinyl chloride	441		20	2.8
75-00-3	Chloroethane	448		20	3.4
75-09-2	Methylene Chloride	449		20	3.6
67-64-1	Acetone	2040		100	54
75-15-0	Carbon disulfide	408		20	2.6
75-69-4	Trichlorofluoromethane	466		20	3.0
75-35-4	1,1-Dichloroethene	414		20	1.8
75-34-3	1,1-Dichloroethane	437		20	2.6
156-60-5	trans-1,2-Dichloroethene	428		20	2.6
156-59-2	cis-1,2-Dichloroethene	405		20	3.6
67-66-3	Chloroform	447		20	1.6
78-93-3	2-Butanone	2000		100	46
107-06-2	1,2-Dichloroethane	430		20	3.8
71-55-6	1,1,1-Trichloroethane	470		20	1.2
56-23-5	Carbon tetrachloride	507		20	1.2
71-43-2	Benzene	418		20	1.6
75-25-2	Bromoform	466		20	3.8
100-42-5	Styrene	524		20	2.4
100-41-4	Ethylbenzene	1780		20	2.0
108-90-7	Chlorobenzene	424		20	2.2
110-82-7	Cyclohexane	488		20	3.2
98-82-8	Isopropylbenzene	534		20	1.6
591-78-6	2-Hexanone	1820		100	10
1634-04-4	MTBE	385		20	2.8
76-13-1	Freon TF	451		20	1.6
79-20-9	Methyl acetate	2470		40	6.8
123-91-1	1,4-Dioxane	8930		1000	720
79-01-6	Trichloroethene	434		20	1.8
108-88-3	Toluene	2580		20	3.0
10061-02-6	trans-1,3-Dichloropropene	378		20	4.8
108-10-1	4-Methyl-2-pentanone	2070		100	20
10061-01-5	cis-1,3-Dichloropropene	401		20	3.6
95-50-1	1,2-Dichlorobenzene	431		20	4.2
541-73-1	1,3-Dichlorobenzene	421		20	2.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-62772-C-2 MSD

Matrix: Water | Lab File ID: J04339.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/17/2013 15:51

Soil Aliquot Vol: | Dilution Factor: 20

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 181697 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	432		20	4.6
120-82-1	1,2,4-Trichlorobenzene	427		20	6.8
87-61-6	1,2,3-Trichlorobenzene	436		20	10
78-87-5	1,2-Dichloropropane	393		20	1.8
108-87-2	Methylcyclohexane	457		20	2.8
127-18-4	Tetrachloroethene	510		20	2.0
1330-20-7	Xylenes, Total	9180		60	2.6
96-12-8	1,2-Dibromo-3-Chloropropane	399		20	8.0
79-34-5	1,1,2,2-Tetrachloroethane	410		20	3.2
79-00-5	1,1,2-Trichloroethane	414		20	3.8
124-48-1	Dibromochloromethane	449		20	4.0
106-93-4	1,2-Dibromoethane	408		20	5.6
75-71-8	Dichlorodifluoromethane	479		20	4.4
74-97-5	Bromochloromethane	429		20	5.4
75-27-4	Bromodichloromethane	418		20	2.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	117		70-130
1868-53-7	Dibromofluoromethane (Surr)	107		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-62871-A-1-A MSD

Matrix: Solid | Lab File ID: B60714.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5.58(g) | Date Analyzed: 09/20/2013 05:42

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.6 | Level: (low/med) Medium

Analysis Batch No.: 182277 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1690		210	20
74-83-9	Bromomethane	1730		210	37
75-01-4	Vinyl chloride	2000		210	30
75-00-3	Chloroethane	2150		210	35
75-09-2	Methylene Chloride	1890		210	37
67-64-1	Acetone	8310		1000	550
75-15-0	Carbon disulfide	1310		210	26
75-69-4	Trichlorofluoromethane	1760		210	30
75-35-4	1,1-Dichloroethene	1760		210	18
75-34-3	1,1-Dichloroethane	1940		210	27
156-60-5	trans-1,2-Dichloroethene	1780		210	26
156-59-2	cis-1,2-Dichloroethene	1870		210	36
67-66-3	Chloroform	1940		210	16
78-93-3	2-Butanone	10900		1000	480
107-06-2	1,2-Dichloroethane	2000		210	39
71-55-6	1,1,1-Trichloroethane	1830		210	13
56-23-5	Carbon tetrachloride	1810		210	12
71-43-2	Benzene	1990		210	17
75-25-2	Bromoform	2090		210	39
100-42-5	Styrene	2070		210	24
100-41-4	Ethylbenzene	1990		210	20
108-90-7	Chlorobenzene	2010		210	23
110-82-7	Cyclohexane	1730		210	33
98-82-8	Isopropylbenzene	1950		210	16
591-78-6	2-Hexanone	10100		1000	100
1634-04-4	MTBE	1980		210	28
76-13-1	Freon TF	2180		210	17
79-20-9	Methyl acetate	9860		1000	69
123-91-1	1,4-Dioxane	46300		10000	7400
79-01-6	Trichloroethene	1840		210	19
108-88-3	Toluene	1960		210	31
10061-02-6	trans-1,3-Dichloropropene	2310		210	50
108-10-1	4-Methyl-2-pentanone	10400		1000	200
10061-01-5	cis-1,3-Dichloropropene	1950		210	38
95-50-1	1,2-Dichlorobenzene	2010		210	42
541-73-1	1,3-Dichlorobenzene	1980		210	28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-62871-A-1-A MSD

Matrix: Solid | Lab File ID: B60714.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5.58(g) | Date Analyzed: 09/20/2013 05:42

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.6 | Level: (low/med) Medium

Analysis Batch No.: 182277 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1960		210	48
120-82-1	1,2,4-Trichlorobenzene	1920		210	70
87-61-6	1,2,3-Trichlorobenzene	2170		210	100
78-87-5	1,2-Dichloropropane	1930		210	18
108-87-2	Methylcyclohexane	1700		210	28
127-18-4	Tetrachloroethene	1850		210	20
1330-20-7	Xylenes, Total	4020		620	74
96-12-8	1,2-Dibromo-3-Chloropropane	2690		210	82
79-34-5	1,1,2,2-Tetrachloroethane	1970		210	32
79-00-5	1,1,2-Trichloroethane	2000		210	38
124-48-1	Dibromochloromethane	1760		210	41
106-93-4	1,2-Dibromoethane	2000		210	56
75-71-8	Dichlorodifluoromethane	1640		210	44
74-97-5	Bromochloromethane	1890		210	56
75-27-4	Bromodichloromethane	1730		210	26

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		75-135
2037-26-5	Toluene-d8 (Surr)	79		59-150
460-00-4	Bromofluorobenzene	88		72-133
1868-53-7	Dibromofluoromethane (Surr)	90		70-130

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 08/06/2013 19:16

Analysis Batch Number: 174731 End Date: 08/06/2013 22:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-174731/1		08/06/2013 19:16	1	O76495.D	Rtx-624 0.25(mm)
STD2 460-174731/3 IC		08/06/2013 20:05	1	O76497.D	Rtx-624 0.25(mm)
STD1 460-174731/4 IC		08/06/2013 20:30	1	O76498.D	Rtx-624 0.25(mm)
ICIS 460-174731/5		08/06/2013 20:55	1	O76499.D	Rtx-624 0.25(mm)
STD4 460-174731/6 IC		08/06/2013 21:20	1	O76500.D	Rtx-624 0.25(mm)
STD5 460-174731/7 IC		08/06/2013 21:45	1	O76501.D	Rtx-624 0.25(mm)
STD6 460-174731/8 IC		08/06/2013 22:09	1	O76502.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 09/16/2013 15:45

Analysis Batch Number: 181583 End Date: 09/17/2013 02:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-181583/1		09/16/2013 15:45	1	O77908.D	Rtx-624 0.25(mm)
CCVIS 460-181583/2		09/16/2013 16:10	1	O77909.D	Rtx-624 0.25(mm)
LCS 460-181583/3		09/16/2013 16:34	1	O77910.D	Rtx-624 0.25(mm)
LCSD 460-181583/4		09/16/2013 16:59	1	O77911.D	Rtx-624 0.25(mm)
MB 460-181583/6		09/16/2013 18:10	1	O77913.D	Rtx-624 0.25(mm)
ZZZZZ		09/16/2013 18:34	1		Rtx-624 0.25(mm)
ZZZZZ		09/16/2013 18:59	1		Rtx-624 0.25(mm)
ZZZZZ		09/16/2013 19:24	1		Rtx-624 0.25(mm)
ZZZZZ		09/16/2013 19:49	1		Rtx-624 0.25(mm)
460-62993-1	PMP-6SE-VD	09/16/2013 20:14	1	O77918.D	Rtx-624 0.25(mm)
460-62993-8	PMP-8SE-VD	09/16/2013 20:38	1	O77919.D	Rtx-624 0.25(mm)
460-62993-9	PMP-8SE-WT	09/16/2013 21:03	1	O77920.D	Rtx-624 0.25(mm)
460-62993-10	PMP-4SE-VS	09/16/2013 21:28	1	O77921.D	Rtx-624 0.25(mm)
460-62993-11	PMP-4SE-VD	09/16/2013 21:53	1	O77922.D	Rtx-624 0.25(mm)
460-62993-12	PMP-4SE-WT	09/16/2013 22:18	1	O77923.D	Rtx-624 0.25(mm)
460-62993-13	PMP-14SE-VS	09/16/2013 22:43	1	O77924.D	Rtx-624 0.25(mm)
460-62993-14	PMP-14SE-VD	09/16/2013 23:08	1	O77925.D	Rtx-624 0.25(mm)
460-62993-15	PMP-14SE-WT	09/16/2013 23:33	1	O77926.D	Rtx-624 0.25(mm)
460-62993-16	PMP-25SE-VS	09/16/2013 23:58	1	O77927.D	Rtx-624 0.25(mm)
460-62993-17	PMP-25SE-VD	09/17/2013 00:23	1	O77928.D	Rtx-624 0.25(mm)
460-62993-18	PMP-25SE-WT	09/17/2013 00:49	1	O77929.D	Rtx-624 0.25(mm)
460-62993-22	PMP-10SE-VD	09/17/2013 01:14	1	O77930.D	Rtx-624 0.25(mm)
460-62993-24	PMP-10SE-SI	09/17/2013 01:39	1	O77931.D	Rtx-624 0.25(mm)
460-62993-26	PMP-13SE-VD	09/17/2013 02:04	1	O77932.D	Rtx-624 0.25(mm)
460-62993-23	PMP-10SE-WT	09/17/2013 02:29	1	O77933.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 09/17/2013 04:35

Analysis Batch Number: 181663 End Date: 09/17/2013 15:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-181663/1		09/17/2013 04:35	1	O77937.D	Rtx-624 0.25(mm)
CCVIS 460-181663/2		09/17/2013 05:03	1	O77938.D	Rtx-624 0.25(mm)
LCS 460-181663/4		09/17/2013 05:54	1	O77940.D	Rtx-624 0.25(mm)
LCSD 460-181663/5		09/17/2013 06:19	1	O77941.D	Rtx-624 0.25(mm)
MB 460-181663/7		09/17/2013 07:38	1	O77943.D	Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 08:03	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 08:28	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 08:53	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 09:18	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 09:43	1		Rtx-624 0.25(mm)
460-62993-25	PMP-10SE-SD	09/17/2013 10:08	1	O77949.D	Rtx-624 0.25(mm)
460-62993-27	PMP-13SE-WT	09/17/2013 10:33	1	O77950.D	Rtx-624 0.25(mm)
460-62993-29	PMP-13SE-SD	09/17/2013 10:58	1	O77951.D	Rtx-624 0.25(mm)
460-62993-30	PMP-15SE-VD	09/17/2013 11:23	1	O77952.D	Rtx-624 0.25(mm)
460-62993-31	PMP-15SE-WT	09/17/2013 11:48	1	O77953.D	Rtx-624 0.25(mm)
460-62993-32	PMP-15SE-SI	09/17/2013 12:13	1	O77954.D	Rtx-624 0.25(mm)
460-62993-33	PMP-15SE-SD	09/17/2013 12:37	1	O77955.D	Rtx-624 0.25(mm)
460-62993-35	PMP-31SE-VD	09/17/2013 13:27	1	O77957.D	Rtx-624 0.25(mm)
460-62993-36	PMP-31SE-WT	09/17/2013 13:52	1	O77958.D	Rtx-624 0.25(mm)
460-62993-37	PMP-32SE-VS	09/17/2013 14:17	1	O77959.D	Rtx-624 0.25(mm)
460-62993-39	PMP-32SE-WT	09/17/2013 15:07	1	O77961.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 09/17/2013 15:27

Analysis Batch Number: 181813 End Date: 09/18/2013 02:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-181813/1		09/17/2013 15:27	1	O77962.D	Rtx-624 0.25(mm)
CCVIS 460-181813/2		09/17/2013 15:51	1	O77963.D	Rtx-624 0.25(mm)
LCS 460-181813/3		09/17/2013 16:15	1	O77964.D	Rtx-624 0.25(mm)
LCSD 460-181813/4		09/17/2013 16:40	1	O77965.D	Rtx-624 0.25(mm)
MB 460-181813/6		09/17/2013 17:43	1	O77967.D	Rtx-624 0.25(mm)
460-62993-40	DUP-091313	09/17/2013 18:08	1	O77968.D	Rtx-624 0.25(mm)
460-62993-42	DUP2-091313	09/17/2013 18:33	1	O77969.D	Rtx-624 0.25(mm)
460-62993-43	DUP3-091313	09/17/2013 18:58	1	O77970.D	Rtx-624 0.25(mm)
460-62993-34	PMP-31SE-VS	09/17/2013 19:22	1	O77971.D	Rtx-624 0.25(mm)
460-62993-38	PMP-32SE-VD	09/17/2013 19:47	1	O77972.D	Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 20:13	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 20:38	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 21:03	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 21:28	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 21:53	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 22:18	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 22:43	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 23:08	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 23:58	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 00:23	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 00:48	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 01:13	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 01:38	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 02:03	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 09/20/2013 04:38

Analysis Batch Number: 182287 End Date: 09/20/2013 15:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-182287/1		09/20/2013 04:38	1	O78095.D	DB-624 0.18(mm)
CCVIS 460-182287/2		09/20/2013 05:03	1	O78096.D	DB-624 0.18(mm)
LCS 460-182287/4		09/20/2013 06:19	1	O78098.D	DB-624 0.18(mm)
LCSD 460-182287/5		09/20/2013 06:45	1	O78099.D	DB-624 0.18(mm)
MB 460-182287/7		09/20/2013 07:50	1	O78101.D	DB-624 0.18(mm)
ZZZZZ		09/20/2013 08:15	1		DB-624 0.18(mm)
460-62993-4	PMP-5SE-VD	09/20/2013 08:40	1	O78103.D	DB-624 0.18(mm)
460-62993-7	PMP-8SE-VS	09/20/2013 09:30	1	O78105.D	DB-624 0.18(mm)
ZZZZZ		09/20/2013 09:56	1		DB-624 0.18(mm)
ZZZZZ		09/20/2013 10:21	1		DB-624 0.18(mm)
ZZZZZ		09/20/2013 10:46	1		DB-624 0.18(mm)
ZZZZZ		09/20/2013 11:11	1		DB-624 0.18(mm)
ZZZZZ		09/20/2013 11:36	1		DB-624 0.18(mm)
ZZZZZ		09/20/2013 12:01	1		DB-624 0.18(mm)
ZZZZZ		09/20/2013 12:26	1		DB-624 0.18(mm)
ZZZZZ		09/20/2013 12:51	1		DB-624 0.18(mm)
ZZZZZ		09/20/2013 13:16	1		DB-624 0.18(mm)
ZZZZZ		09/20/2013 14:05	1		DB-624 0.18(mm)
ZZZZZ		09/20/2013 14:55	1		DB-624 0.18(mm)
ZZZZZ		09/20/2013 15:20	1		DB-624 0.18(mm)
460-62993-41	DUP1-091313	09/20/2013 15:44	1	O78120.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 09/17/2013 20:07

Analysis Batch Number: 181873 End Date: 09/18/2013 06:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-181873/1		09/17/2013 20:07	1	B60587.D	Rtx-624 0.25(mm)
ICIS 460-181873/3		09/17/2013 21:05	1	B60589.D	Rtx-624 0.25(mm)
STD2 460-181873/10 IC		09/18/2013 01:29	1	B60596.D	Rtx-624 0.25(mm)
STD4 460-181873/11 IC		09/18/2013 01:52	1	B60597.D	Rtx-624 0.25(mm)
STD5 460-181873/12 IC		09/18/2013 02:14	1	B60598.D	Rtx-624 0.25(mm)
STD6 460-181873/13 IC		09/18/2013 02:37	1	B60599.D	Rtx-624 0.25(mm)
STD1 460-181873/19 IC		09/18/2013 04:57	1	B60605.D	Rtx-624 0.25(mm)
ICV 460-181873/22		09/18/2013 06:06	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 09/19/2013 09:40

Analysis Batch Number: 182095 End Date: 09/19/2013 21:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-182095/1		09/19/2013 09:40	1	B60667.D	Rtx-624 0.25(mm)
CCVIS 460-182095/3		09/19/2013 10:42	1	B60669.D	Rtx-624 0.25(mm)
LCS 460-182095/5		09/19/2013 12:40	50	B60671.D	Rtx-624 0.25(mm)
MB 460-182095/8		09/19/2013 14:19	50	B60674.D	Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 14:50	200		Rtx-624 0.25(mm)
460-62968-A-6-A MS		09/19/2013 15:13	100	B60676.D	Rtx-624 0.25(mm)
460-62968-A-6-A MSD		09/19/2013 15:36	100	B60677.D	Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 16:43	50		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 17:22	50		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 17:44	50		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 18:07	50		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 18:29	50		Rtx-624 0.25(mm)
460-62993-5	PMP-5SE-WT	09/19/2013 19:14	50	B60686.D	Rtx-624 0.25(mm)
460-62993-6	PMP-5SE-SI	09/19/2013 19:36	50	B60687.D	Rtx-624 0.25(mm)
460-62993-3	PMP-6SE-SI	09/19/2013 19:58	50	B60688.D	Rtx-624 0.25(mm)
460-62993-20	PMP-7SE-WT	09/19/2013 20:45	50	B60690.D	Rtx-624 0.25(mm)
460-62993-19	PMP-7SE-VD	09/19/2013 21:07	50	B60691.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 09/19/2013 22:50

Analysis Batch Number: 182277 End Date: 09/20/2013 09:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-182277/1		09/19/2013 22:50	1	B60696.D	Rtx-624 0.25(mm)
CCVIS 460-182277/3		09/19/2013 23:35	1	B60698.D	Rtx-624 0.25(mm)
LCS 460-182277/4		09/19/2013 23:58	50	B60699.D	Rtx-624 0.25(mm)
MB 460-182277/7		09/20/2013 01:06	50	B60702.D	Rtx-624 0.25(mm)
ZZZZZ		09/20/2013 01:29	50		Rtx-624 0.25(mm)
ZZZZZ		09/20/2013 01:52	50		Rtx-624 0.25(mm)
460-62993-21	PMP-7SE-SI	09/20/2013 02:15	50	B60705.D	Rtx-624 0.25(mm)
460-62993-28	PMP-13SE-SI	09/20/2013 02:38	50	B60706.D	Rtx-624 0.25(mm)
ZZZZZ		09/20/2013 03:01	50		Rtx-624 0.25(mm)
ZZZZZ		09/20/2013 03:24	50		Rtx-624 0.25(mm)
ZZZZZ		09/20/2013 03:47	50		Rtx-624 0.25(mm)
460-62993-2	PMP-6SE-WT	09/20/2013 04:10	50	B60710.D	Rtx-624 0.25(mm)
ZZZZZ		09/20/2013 04:55	50		Rtx-624 0.25(mm)
460-62871-A-1-A MS		09/20/2013 05:18	100	B60713.D	Rtx-624 0.25(mm)
460-62871-A-1-A MSD		09/20/2013 05:42	100	B60714.D	Rtx-624 0.25(mm)
ZZZZZ		09/20/2013 06:51	50		Rtx-624 0.25(mm)
ZZZZZ		09/20/2013 07:14	50		Rtx-624 0.25(mm)
ZZZZZ		09/20/2013 07:37	50		Rtx-624 0.25(mm)
ZZZZZ		09/20/2013 08:00	50		Rtx-624 0.25(mm)
ZZZZZ		09/20/2013 08:23	50		Rtx-624 0.25(mm)
ZZZZZ		09/20/2013 08:46	50		Rtx-624 0.25(mm)
ZZZZZ		09/20/2013 09:09	50		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 08/23/2013 11:32

Analysis Batch Number: 177780 End Date: 08/23/2013 17:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-177780/1		08/23/2013 11:32	1	J03444.D	Rtx-624 0.25(mm)
STD1 460-177780/4 IC		08/23/2013 12:47	1	J03447.D	Rtx-624 0.25(mm)
STD2 460-177780/5 IC		08/23/2013 13:12	1	J03448.D	Rtx-624 0.25(mm)
ICIS 460-177780/6		08/23/2013 13:37	1	J03449.D	Rtx-624 0.25(mm)
STD4 460-177780/7 IC		08/23/2013 14:02	1	J03450.D	Rtx-624 0.25(mm)
STD5 460-177780/8 IC		08/23/2013 14:27	1	J03451.D	Rtx-624 0.25(mm)
STD6 460-177780/9 IC		08/23/2013 14:51	1	J03452.D	Rtx-624 0.25(mm)
ZZZZZ		08/23/2013 17:20	50		Rtx-624 0.25(mm)
ZZZZZ		08/23/2013 17:20	50		Rtx-624 0.25(mm)
ZZZZZ		08/23/2013 17:45	50		Rtx-624 0.25(mm)
ICV 460-177780/1016		08/23/2013 17:45	50		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 09/17/2013 08:08

Analysis Batch Number: 181697 End Date: 09/17/2013 19:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-181697/1		09/17/2013 08:08	1	J04323.D	Rtx-624 0.25(mm)
CCVIS 460-181697/3		09/17/2013 09:34	1	J04325.D	Rtx-624 0.25(mm)
LCS 460-181697/5		09/17/2013 10:41	1	J04327.D	Rtx-624 0.25(mm)
MB 460-181697/8		09/17/2013 12:08	1	J04330.D	Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 12:32	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 12:57	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 13:22	20		Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 13:47	20		Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 14:12	5		Rtx-624 0.25(mm)
460-62772-C-2 MS		09/17/2013 15:26	20	J04338.D	Rtx-624 0.25(mm)
460-62772-C-2 MSD		09/17/2013 15:51	20	J04339.D	Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 17:05	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 17:30	1		Rtx-624 0.25(mm)
460-62993-44	FB-091313	09/17/2013 17:55	1	J04344.D	Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 18:20	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 18:45	1		Rtx-624 0.25(mm)
ZZZZZ		09/17/2013 19:59	1		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181346 Batch Start Date: 09/14/13 14:06 Batch Analyst: Sarmiento, Daniel

Batch Method: 5035 Batch End Date: 09/14/13 14:28

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	VMC8PrepSU 00006	
460-62993-C-2	PMP-6SE-WT	5035, 8260B	T	+031.894 g	37.55 g	5.656 g	10 mL	10 mL	
460-62993-C-3	PMP-6SE-SI	5035, 8260B	T	+031.923 g	36.46 g	4.537 g	10 mL	10 mL	
460-62993-C-5	PMP-5SE-WT	5035, 8260B	T	+031.892 g	37.76 g	5.868 g	10 mL	10 mL	
460-62993-C-6	PMP-5SE-SI	5035, 8260B	T	+031.851 g	36.65 g	4.799 g	10 mL	10 mL	
460-62993-C-19	PMP-7SE-VD	5035, 8260B	T	+031.804 g	34.76 g	2.956 g	10 mL	10 mL	
460-62993-C-20	PMP-7SE-WT	5035, 8260B	T	+032.002 g	36.90 g	4.898 g	10 mL	10 mL	
460-62993-C-21	PMP-7SE-SI	5035, 8260B	T	+031.952 g	38.62 g	6.668 g	10 mL	10 mL	
460-62993-C-28	PMP-13SE-SI	5035, 8260B	T	+031.856 g	38.26 g	6.404 g	10 mL	10 mL	

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181352 Batch Start Date: 09/14/13 14:33 Batch Analyst: Sarmiento, Daniel

Batch Method: 5035 Batch End Date: 09/14/13 15:09

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount		
460-62993-A-1	PMP-6SE-VD	5035, 8260B	T	+030.402 g	35.91 g	5.508 g	5 mL		
460-62993-A-4	PMP-5SE-VD	5035, 8260B	T	+030.662 g	35.65 g	4.988 g	5 mL		
460-62993-A-7	PMP-8SE-VS	5035, 8260B	T	+030.659 g	34.12 g	3.461 g	5 mL		
460-62993-A-8	PMP-8SE-VD	5035, 8260B	T	+030.529 g	37.33 g	6.801 g	5 mL		
460-62993-A-9	PMP-8SE-WT	5035, 8260B	T	+030.630 g	37.00 g	6.37 g	5 mL		
460-62993-A-10	PMP-4SE-VS	5035, 8260B	T	+030.359 g	34.53 g	4.171 g	5 mL		
460-62993-A-11	PMP-4SE-VD	5035, 8260B	T	+030.240 g	35.86 g	5.62 g	5 mL		
460-62993-A-12	PMP-4SE-WT	5035, 8260B	T	+030.313 g	36.01 g	5.697 g	5 mL		
460-62993-A-13	PMP-14SE-VS	5035, 8260B	T	+030.297 g	35.00 g	4.703 g	5 mL		
460-62993-A-14	PMP-14SE-VD	5035, 8260B	T	+030.132 g	35.24 g	5.108 g	5 mL		
460-62993-A-15	PMP-14SE-WT	5035, 8260B	T	+030.359 g	36.48 g	6.121 g	5 mL		
460-62993-A-16	PMP-25SE-VS	5035, 8260B	T	+030.554 g	36.20 g	5.646 g	5 mL		
460-62993-A-17	PMP-25SE-VD	5035, 8260B	T	+030.626 g	32.78 g	2.154 g	5 mL		
460-62993-A-18	PMP-25SE-WT	5035, 8260B	T	+030.265 g	35.96 g	5.695 g	5 mL		
460-62993-A-22	PMP-10SE-VD	5035, 8260B	T	+030.577 g	36.53 g	5.953 g	5 mL		
460-62993-A-23	PMP-10SE-WT	5035, 8260B	T	+030.662 g	36.73 g	6.068 g	5 mL		
460-62993-A-24	PMP-10SE-SI	5035, 8260B	T	+030.608 g	36.74 g	6.132 g	5 mL		
460-62993-B-25	PMP-10SE-SD	5035, 8260B	T	+030.631 g	36.55 g	5.919 g	5 mL		
460-62993-A-26	PMP-13SE-VD	5035, 8260B	T	+030.365 g	36.56 g	6.195 g	5 mL		
460-62993-A-27	PMP-13SE-WT	5035, 8260B	T	+030.244 g	35.71 g	5.466 g	5 mL		
460-62993-A-29	PMP-13SE-SD	5035, 8260B	T	+030.490 g	37.33 g	6.84 g	5 mL		
460-62993-A-30	PMP-15SE-VD	5035, 8260B	T	+030.509 g	36.17 g	5.661 g	5 mL		
460-62993-A-31	PMP-15SE-WT	5035, 8260B	T	+030.125 g	36.07 g	5.945 g	5 mL		
460-62993-A-32	PMP-15SE-SI	5035, 8260B	T	+030.363 g	35.60 g	5.237 g	5 mL		
460-62993-A-33	PMP-15SE-SD	5035, 8260B	T	+030.437 g	36.68 g	6.243 g	5 mL		
460-62993-B-34	PMP-31SE-VS	5035, 8260B	T	+030.372 g	34.93 g	4.558 g	5 mL		
460-62993-A-35	PMP-31SE-VD	5035, 8260B	T	+030.570 g	36.21 g	5.64 g	5 mL		
460-62993-A-36	PMP-31SE-WT	5035, 8260B	T	+030.548 g	38.29 g	7.742 g	5 mL		
460-62993-A-37	PMP-32SE-VS	5035, 8260B	T	+030.701 g	35.57 g	4.869 g	5 mL		
460-62993-B-38	PMP-32SE-VD	5035, 8260B	T	+030.823 g	37.45 g	6.627 g	5 mL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181352 Batch Start Date: 09/14/13 14:33 Batch Analyst: Sarmiento, Daniel

Batch Method: 5035 Batch End Date: 09/14/13 15:09

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount		
460-62993-A-39	PMP-32SE-WT	5035, 8260B	T	+030.655 g	35.35 g	4.695 g	5 mL		
460-62993-A-40	DUP-091313	5035, 8260B	T	+030.571 g	36.43 g	5.859 g	5 mL		
460-62993-A-41	DUP1-091313	5035, 8260B	T	+030.544 g	36.84 g	6.296 g	5 mL		
460-62993-A-42	DUP2-091313	5035, 8260B	T	+030.684 g	37.61 g	6.926 g	5 mL		
460-62993-A-43	DUP3-091313	5035, 8260B	T	+030.753 g	35.67 g	4.917 g	5 mL		

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

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-6SE-VD	460-62993-1	74	82	70	74	79	91
PMP-6SE-WT	460-62993-2	71	77	72	71	104	65
PMP-6SE-SI	460-62993-3	68	69	62	74	72	72
PMP-5SE-VD	460-62993-4	66	72	60	65	69	83
PMP-5SE-WT	460-62993-5	77	79	77	82	93	71
PMP-5SE-SI	460-62993-6	75	78	75	79	84	69
PMP-8SE-VS	460-62993-7	70	67	73	87	65	63
PMP-8SE-VD	460-62993-8	74	78	72	75	78	84
PMP-8SE-WT	460-62993-9	75	79	72	75	84	86
PMP-4SE-VS	460-62993-10	67	68	63	78	56	68
PMP-4SE-VD	460-62993-11	88	83	80	83	69	85
PMP-4SE-WT	460-62993-12	82	77	73	77	57	83
PMP-14SE-VS	460-62993-13	90	84	81	88	76	86
PMP-14SE-VD	460-62993-14	84	79	74	77	65	86
PMP-14SE-WT	460-62993-15	95	88	83	86	74	97
PMP-25SE-VS	460-62993-16	91	86	80	85	62	91
PMP-25SE-VD	460-62993-17	93	87	79	84	77	93
PMP-25SE-WT	460-62993-18	86	83	73	78	72	90
PMP-7SE-VD DL	460-62993-19 DL	0 D	0 D	0 D	0 D	0 D	0 D
PMP-7SE-WT	460-62993-20	86	83	75	92	69	86
PMP-7SE-SI	460-62993-21	88	80	76	78	64	81
PMP-10SE-VD	460-62993-22	91	86	76	82	71	86
PMP-10SE-WT	460-62993-23	89	82	77	84	71	85
PMP-10SE-SI	460-62993-24	79	80	61	74	77	92
PMP-10SE-SD	460-62993-25	80	75	65	75	68	81
PMP-13SE-VD	460-62993-26	90	86	73	83	73	92
PMP-13SE-WT DL	460-62993-27 DL	0 D	0 D	0 D	0 D	0 D	0 D
PMP-13SE-SI	460-62993-28	95	88	84	87	78	93
PMP-13SE-SD	460-62993-29	82	80	64	80	78	89
PMP-15SE-VD	460-62993-30	55	76	79	70	56	69
PMP-15SE-WT	460-62993-31	88	83	73	81	73	92
PMP-15SE-SI	460-62993-32	69	83	78	79	71	82
PMP-15SE-SD	460-62993-33	65	87	87	86	67	85
PMP-31SE-VS	460-62993-34	72	83	88	88	69	81
PMP-31SE-VD	460-62993-35	69	86	76	79	74	85

	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.: 460-62993-1

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-31SE-WT	460-62993-36	59	78	76	77	73	81
PMP-32SE-VS	460-62993-37	69	79	82	87	67	77
PMP-32SE-VD	460-62993-38	77	80	74	86	73	80
PMP-32SE-WT	460-62993-39	68	80	92	83	71	82
DUP-091313	460-62993-40	67	80	78	82	73	80
DUP1-091313	460-62993-41	55	70	55	63	70	84
DUP2-091313	460-62993-42	56	77	69	71	65	80
DUP3-091313	460-62993-43	67	85	74	79	80	86
	MB 460-181707/1-A	70	80	80	80	75	85
	MB 460-181712/1-A	95	90	85	85	76	95
	MB 460-181718/1-A	68	81	77	70	66	80
	MB 460-182330/1-A	86	77	76	80	64	87
	LCS 460-181707/2-A	64	73	72	72	69	68
	LCS 460-181712/2-A	75	68	67	69	70	73
	LCS 460-181718/2-A	59	66	65	65	62	60
	LCS 460-182330/2-A	79	73	71	72	67	75
PMP-4SE-VD MS	460-62993-11 MS	87	77	75	78	74	85
PMP-15SE-VD MS	460-62993-30 MS	66	77	83	77	75	69
	460-62433-A-7-A MS	67	68	71	79	73	67
	460-63294-E-2-B MS	92	85	82	82	79	89
PMP-4SE-VD MSD	460-62993-11 MSD	77	70	68	73	69	72
PMP-15SE-VD MSD	460-62993-30 MSD	65	74	74	74	67	67
	460-62433-A-7-B MSD	73	74	80	86	77	72
	460-63294-E-2-C MSD	89	81	80	78	75	91

	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.: 460-62993-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
FB-091313	460-62993-44	56	37	108	111	166 X	136 X
	MB 460-181730/1-A	53	40	82	78	87	100
	LCS 460-181730/2-A	52	42	70	70	86	72
	LCSD 460-181730/3-A	51	40	68	76	101	74

	QC LIMITS
2FP = 2-Fluorophenol	15-96
PHL = Phenol-d5	4-86
NBZ = Nitrobenzene-d5	60-114
FBP = 2-Fluorobiphenyl	50-120
TBP = 2,4,6-Tribromophenol	51-126
TPH = Terphenyl-d14	72-130

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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x5332.d

Lab ID: LCS 460-181707/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	3330	2640	79	54-115	
2-Chlorophenol	3330	2720	82	56-110	
2-Methylphenol	3330	2690	81	54-117	
4-Methylphenol	3330	2950	89	47-103	
Benzaldehyde	3330	762	23	10-160	
Acetophenone	3330	2530	76	40-95	
Bis(2-chloroethyl)ether	3330	2610	78	44-101	
2,2'-oxybis[1-chloropropane]	3330	2610	78	45-102	
N-Nitrosodi-n-propylamine	3330	3000	90	42-107	
Nitrobenzene	3330	2100	63	42-106	
Hexachloroethane	3330	2510	75	45-90	
Isophorone	3330	2820	85	48-97	
2-Nitrophenol	3330	2740	82	55-101	
2,4-Dimethylphenol	3330	2620	79	56-112	
2,4-Dichlorophenol	3330	2740	82	58-115	
Bis(2-chloroethoxy)methane	3330	2720	81	51-100	
Naphthalene	3330	2590	78	53-94	
4-Chloroaniline	3330	1620	49	10-96	
Hexachlorobutadiene	3330	2620	79	45-98	
Caprolactam	3330	2040	61	10-127	
4-Chloro-3-methylphenol	3330	2980	89	55-117	
2-Methylnaphthalene	3330	2810	84	51-98	
Hexachlorobenzene	3330	2610	78	43-104	
Hexachlorocyclopentadiene	3330	3020	90	24-98	
2,4,6-Trichlorophenol	3330	2580	77	53-118	
2,4,5-Trichlorophenol	3330	2580	77	50-115	
Diphenyl	3330	2640	79	50-105	
2-Chloronaphthalene	3330	2550	77	51-102	
2-Nitroaniline	3330	2750	82	51-109	
2,6-Dinitrotoluene	3330	2750	83	51-115	
Dimethyl phthalate	3330	2790	84	52-112	
Acenaphthylene	3330	2710	81	51-103	
3-Nitroaniline	3330	2180	66	32-104	
Acenaphthene	3330	2700	81	46-100	
4-Nitrophenol	6670	5000	75	45-114	
2,4-Dinitrophenol	6670	1590	24	10-129	
Dibenzofuran	3330	2640	79	52-106	
Diethyl phthalate	3330	2700	81	52-114	
Fluorene	3330	2730	82	51-108	
Fluoranthene	3330	2750	82	49-108	
Di-n-butyl phthalate	3330	2780	83	50-108	
2,4-Dinitrotoluene	3330	2700	81	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x5332.d

Lab ID: LCS 460-181707/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2690	81	50-106	
4-Nitroaniline	3330	2410	72	45-106	
4,6-Dinitro-2-methylphenol	6670	2930	44	10-110	
4-Bromophenyl phenyl ether	3330	2680	80	44-102	
Atrazine	3330	2300	69	30-100	
Anthracene	3330	2630	79	50-107	
Carbazole	3330	2870	86	49-104	
Phenanthrene	3330	2680	80	48-108	
Pentachlorophenol	6670	4420	66	19-113	
Pyrene	3330	2530	76	49-116	
Chrysene	3330	2720	82	45-114	
Benzo[k]fluoranthene	3330	2720	82	35-115	
Benzo[g,h,i]perylene	3330	2960	89	43-106	
Benzo[b]fluoranthene	3330	2820	85	33-96	
Benzo[a]pyrene	3330	2880	86	36-89	
Benzo[a]anthracene	3330	2630	79	46-112	
N-Nitrosodiphenylamine	3330	2920	88	49-106	
Butyl benzyl phthalate	3330	2810	84	49-117	
Bis(2-ethylhexyl) phthalate	3330	2860	86	49-119	
Di-n-octyl phthalate	3330	2750	82	40-106	
Indeno[1,2,3-cd]pyrene	3330	3030	91	43-109	
Dibenz(a,h)anthracene	3330	2920	88	43-107	
3,3'-Dichlorobenzidine	3330	2380	72	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2550	77	70-130	
2,3,4,6-Tetrachlorophenol	3330	2650	79	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 112699.D

Lab ID: LCS 460-181712/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	3330	2570	77	54-115	
2-Chlorophenol	3330	2500	75	56-110	
2-Methylphenol	3330	2550	77	54-117	
4-Methylphenol	3330	2660	80	47-103	
Benzaldehyde	3330	548	16	10-160	
Acetophenone	3330	2120	64	40-95	
Bis(2-chloroethyl)ether	3330	2440	73	44-101	
2,2'-oxybis[1-chloropropane]	3330	2450	73	45-102	
N-Nitrosodi-n-propylamine	3330	2580	77	42-107	
Nitrobenzene	3330	1860	56	42-106	
Hexachloroethane	3330	2280	68	45-90	
Isophorone	3330	2540	76	48-97	
2-Nitrophenol	3330	2690	81	55-101	
2,4-Dimethylphenol	3330	2480	75	56-112	
2,4-Dichlorophenol	3330	2680	80	58-115	
Bis(2-chloroethoxy)methane	3330	2500	75	51-100	
Naphthalene	3330	2480	74	53-94	
4-Chloroaniline	3330	1210	36	10-96	
Hexachlorobutadiene	3330	2560	77	45-98	
Caprolactam	3330	1370	41	10-127	
4-Chloro-3-methylphenol	3330	2590	78	55-117	
2-Methylnaphthalene	3330	2570	77	51-98	
Hexachlorobenzene	3330	2630	79	43-104	
Hexachlorocyclopentadiene	3330	3050	91	24-98	
2,4,6-Trichlorophenol	3330	2580	77	53-118	
2,4,5-Trichlorophenol	3330	2600	78	50-115	
Diphenyl	3330	2560	77	50-105	
2-Chloronaphthalene	3330	2430	73	51-102	
2-Nitroaniline	3330	2630	79	51-109	
2,6-Dinitrotoluene	3330	2640	79	51-115	
Dimethyl phthalate	3330	2530	76	52-112	
Acenaphthylene	3330	2600	78	51-103	
3-Nitroaniline	3330	1830	55	32-104	
Acenaphthene	3330	2550	76	46-100	
4-Nitrophenol	6670	5760	86	45-114	
2,4-Dinitrophenol	6670	1540	23	10-129	
Dibenzofuran	3330	2550	77	52-106	
Diethyl phthalate	3330	2560	77	52-114	
Fluorene	3330	2490	75	51-108	
Fluoranthene	3330	2580	77	49-108	
Di-n-butyl phthalate	3330	2610	78	50-108	
2,4-Dinitrotoluene	3330	2610	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 112699.D

Lab ID: LCS 460-181712/2-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	1650	49	45-106	
4,6-Dinitro-2-methylphenol	6670	2510	38	10-110	
4-Bromophenyl phenyl ether	3330	2670	80	44-102	
Atrazine	3330	1940	58	30-100	
Anthracene	3330	2610	78	50-107	
Carbazole	3330	2610	78	49-104	
Phenanthrene	3330	2580	77	48-108	
Pentachlorophenol	6670	4610	69	19-113	
Pyrene	3330	2720	81	49-116	
Chrysene	3330	2510	75	45-114	
Benzo[k]fluoranthene	3330	2690	81	35-115	
Benzo[g,h,i]perylene	3330	2590	78	43-106	
Benzo[b]fluoranthene	3330	2770	83	33-96	
Benzo[a]pyrene	3330	2860	86	36-89	
Benzo[a]anthracene	3330	2600	78	46-112	
N-Nitrosodiphenylamine	3330	2750	82	49-106	
Butyl benzyl phthalate	3330	2700	81	49-117	
Bis(2-ethylhexyl) phthalate	3330	2650	80	49-119	
Di-n-octyl phthalate	3330	2660	80	40-106	
Indeno[1,2,3-cd]pyrene	3330	2390	72	43-109	
Dibenz(a,h)anthracene	3330	2590	78	43-107	
3,3'-Dichlorobenzidine	3330	1500	45	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2490	75	70-130	
2,3,4,6-Tetrachlorophenol	3330	2700	81	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x5333.d

Lab ID: LCS 460-181718/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	3330	2420	73	54-115	
2-Chlorophenol	3330	2480	74	56-110	
2-Methylphenol	3330	2440	73	54-117	
4-Methylphenol	3330	2590	78	47-103	
Benzaldehyde	3330	684	21	10-160	
Acetophenone	3330	2290	69	40-95	
Bis(2-chloroethyl)ether	3330	2370	71	44-101	
2,2'-oxybis[1-chloropropane]	3330	2360	71	45-102	
N-Nitrosodi-n-propylamine	3330	2710	81	42-107	
Nitrobenzene	3330	1930	58	42-106	
Hexachloroethane	3330	2320	70	45-90	
Isophorone	3330	2470	74	48-97	
2-Nitrophenol	3330	2480	74	55-101	
2,4-Dimethylphenol	3330	2290	69	56-112	
2,4-Dichlorophenol	3330	2400	72	58-115	
Bis(2-chloroethoxy)methane	3330	2480	74	51-100	
Naphthalene	3330	2360	71	53-94	
4-Chloroaniline	3330	1650	49	10-96	
Hexachlorobutadiene	3330	2420	73	45-98	
Caprolactam	3330	2280	68	10-127	
4-Chloro-3-methylphenol	3330	2580	78	55-117	
2-Methylnaphthalene	3330	2540	76	51-98	
Hexachlorobenzene	3330	2350	71	43-104	
Hexachlorocyclopentadiene	3330	2780	84	24-98	
2,4,6-Trichlorophenol	3330	2260	68	53-118	
2,4,5-Trichlorophenol	3330	2340	70	50-115	
Diphenyl	3330	2390	72	50-105	
2-Chloronaphthalene	3330	2320	70	51-102	
2-Nitroaniline	3330	2410	72	51-109	
2,6-Dinitrotoluene	3330	2470	74	51-115	
Dimethyl phthalate	3330	2490	75	52-112	
Acenaphthylene	3330	2410	72	51-103	
3-Nitroaniline	3330	2090	63	32-104	
Acenaphthene	3330	2420	72	46-100	
4-Nitrophenol	6670	4350	65	45-114	
2,4-Dinitrophenol	6670	802 J	12	10-129	
Dibenzofuran	3330	2380	71	52-106	
Diethyl phthalate	3330	2400	72	52-114	
Fluorene	3330	2430	73	51-108	
Fluoranthene	3330	2500	75	49-108	
Di-n-butyl phthalate	3330	2530	76	50-108	
2,4-Dinitrotoluene	3330	2430	73	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x5333.d

Lab ID: LCS 460-181718/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2400	72	50-106	
4-Nitroaniline	3330	2130	64	45-106	
4,6-Dinitro-2-methylphenol	6670	1750	26	10-110	
4-Bromophenyl phenyl ether	3330	2390	72	44-102	
Atrazine	3330	2070	62	30-100	
Anthracene	3330	2360	71	50-107	
Carbazole	3330	2630	79	49-104	
Phenanthrene	3330	2410	72	48-108	
Pentachlorophenol	6670	3590	54	19-113	
Pyrene	3330	2070	62	49-116	
Chrysene	3330	2350	70	45-114	
Benzo[k]fluoranthene	3330	2510	75	35-115	
Benzo[g,h,i]perylene	3330	2610	78	43-106	
Benzo[b]fluoranthene	3330	2280	68	33-96	
Benzo[a]pyrene	3330	2510	75	36-89	
Benzo[a]anthracene	3330	2300	69	46-112	
N-Nitrosodiphenylamine	3330	2600	78	49-106	
Butyl benzyl phthalate	3330	2470	74	49-117	
Bis(2-ethylhexyl) phthalate	3330	2540	76	49-119	
Di-n-octyl phthalate	3330	2390	72	40-106	
Indeno[1,2,3-cd]pyrene	3330	2510	75	43-109	
Dibenz(a,h)anthracene	3330	2550	76	43-107	
3,3'-Dichlorobenzidine	3330	2140	64	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2310	69	70-130	*
2,3,4,6-Tetrachlorophenol	3330	2280	68	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.: 460-62993-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M69533.D

Lab ID: LCS 460-181730/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Phenol	80.0	37.1	46	12-44	*
2-Chlorophenol	80.0	62.0	77	53-101	
2-Methylphenol	80.0	55.1	69	40-90	
4-Methylphenol	80.0	52.5	66	30-75	
Benzaldehyde	80.0	76.4	95	52-150	
Acetophenone	80.0	61.2	77	68-109	
Bis(2-chloroethyl)ether	80.0	57.2	71	62-108	
2,2'-oxybis[1-chloropropane]	80.0	65.8	82	68-107	
N-Nitrosodi-n-propylamine	80.0	64.2	80	70-109	
Nitrobenzene	80.0	54.9	69	66-106	
Hexachloroethane	80.0	57.0	71	50-99	
Isophorone	80.0	56.9	71	68-108	
2-Nitrophenol	80.0	59.4	74	65-107	
2,4-Dimethylphenol	80.0	57.2	72	55-100	
2,4-Dichlorophenol	80.0	57.8	72	64-107	
Bis(2-chloroethoxy)methane	80.0	62.3	78	69-108	
Naphthalene	80.0	60.7	76	63-101	
4-Chloroaniline	80.0	58.3	73	58-105	
Hexachlorobutadiene	80.0	55.3	69	52-99	
Caprolactam	80.0	32.0	40	10-30	*
4-Chloro-3-methylphenol	80.0	59.5	74	57-106	
2-Methylnaphthalene	80.0	61.7	77	66-102	
Hexachlorobenzene	80.0	64.3	80	65-107	
Hexachlorocyclopentadiene	80.0	50.9	64	40-105	
2,4,6-Trichlorophenol	80.0	62.6	78	67-111	
2,4,5-Trichlorophenol	80.0	61.5	77	67-114	
Diphenyl	80.0	57.6	72	66-112	
2-Chloronaphthalene	80.0	58.0	73	65-107	
2-Nitroaniline	80.0	51.0	64	73-116	*
2,6-Dinitrotoluene	80.0	68.1	85	68-114	
Dimethyl phthalate	80.0	62.1	78	69-111	
Acenaphthylene	80.0	61.9	77	67-107	
3-Nitroaniline	80.0	70.2	88	59-108	
Acenaphthene	80.0	59.8	75	66-108	
4-Nitrophenol	80.0	43.0	54	10-44	*
2,4-Dinitrophenol	80.0	68.5	86	19-113	
Dibenzofuran	80.0	66.4	83	68-105	
Diethyl phthalate	80.0	65.8	82	66-109	
Fluorene	80.0	63.8	80	68-105	
Fluoranthene	80.0	63.1	79	68-108	
Di-n-butyl phthalate	80.0	60.6	76	68-111	
2,4-Dinitrotoluene	80.0	65.6	82	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.: 460-62993-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M69533.D

Lab ID: LCS 460-181730/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	80.0	63.8	80	68-105	
4-Nitroaniline	80.0	74.6	93	49-119	
4,6-Dinitro-2-methylphenol	80.0	67.6	84	58-115	
4-Bromophenyl phenyl ether	80.0	62.5	78	66-110	
Atrazine	80.0	53.9	67	56-116	
Anthracene	80.0	61.5	77	68-108	
Carbazole	80.0	62.0	77	67-110	
Phenanthrene	80.0	62.1	78	68-110	
Pentachlorophenol	80.0	64.3	80	55-116	
Pyrene	80.0	60.9	76	61-110	
Chrysene	80.0	59.3	74	68-112	
Benzo[k]fluoranthene	80.0	66.1	83	66-114	
Benzo[g,h,i]perylene	80.0	54.9	69	65-134	
Benzo[b]fluoranthene	80.0	65.0	81	65-111	
Benzo[a]pyrene	80.0	61.3	77	58-101	
Benzo[a]anthracene	80.0	60.1	75	65-106	
N-Nitrosodiphenylamine	80.0	63.1	79	71-121	
Butyl benzyl phthalate	80.0	59.5	74	66-115	
Bis(2-ethylhexyl) phthalate	80.0	58.8	73	66-114	
Di-n-octyl phthalate	80.0	65.6	82	51-115	
Indeno[1,2,3-cd]pyrene	80.0	58.1	73	68-121	
Dibenz(a,h)anthracene	80.0	59.6	74	67-124	
3,3'-Dichlorobenzidine	80.0	60.6	76	69-129	
1,2,4,5-Tetrachlorobenzene	80.0	55.8	70	70-130	
2,3,4,6-Tetrachlorophenol	80.0	64.2	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L112837.D

Lab ID: LCS 460-182330/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	3330	2530	76	54-115	
2-Chlorophenol	3330	2560	77	56-110	
2-Methylphenol	3330	2620	79	54-117	
4-Methylphenol	3330	2710	81	47-103	
Benzaldehyde	3330	608	18	10-160	
Acetophenone	3330	2520	76	40-95	
Bis(2-chloroethyl)ether	3330	2950	89	44-101	
2,2'-oxybis[1-chloropropane]	3330	2510	75	45-102	
N-Nitrosodi-n-propylamine	3330	2660	80	42-107	
Nitrobenzene	3330	1940	58	42-106	
Hexachloroethane	3330	2380	71	45-90	
Isophorone	3330	2760	83	48-97	
2-Nitrophenol	3330	2750	82	55-101	
2,4-Dimethylphenol	3330	2340	70	56-112	
2,4-Dichlorophenol	3330	2740	82	58-115	
Bis(2-chloroethoxy)methane	3330	2550	76	51-100	
Naphthalene	3330	2540	76	53-94	
4-Chloroaniline	3330	1540	46	10-96	
Hexachlorobutadiene	3330	2680	80	45-98	
Caprolactam	3330	2390	72	10-127	
4-Chloro-3-methylphenol	3330	2490	75	55-117	
2-Methylnaphthalene	3330	2640	79	51-98	
Hexachlorobenzene	3330	2730	82	43-104	
Hexachlorocyclopentadiene	3330	3180	96	24-98	
2,4,6-Trichlorophenol	3330	2530	76	53-118	
2,4,5-Trichlorophenol	3330	2560	77	50-115	
Diphenyl	3330	2580	77	50-105	
2-Chloronaphthalene	3330	2470	74	51-102	
2-Nitroaniline	3330	2470	74	51-109	
2,6-Dinitrotoluene	3330	2520	76	51-115	
Dimethyl phthalate	3330	2530	76	52-112	
Acenaphthylene	3330	2600	78	51-103	
3-Nitroaniline	3330	1810	54	32-104	
Acenaphthene	3330	2590	78	46-100	
4-Nitrophenol	6670	3160	47	45-114	
2,4-Dinitrophenol	6670	1340	20	10-129	
Dibenzofuran	3330	2560	77	52-106	
Diethyl phthalate	3330	2530	76	52-114	
Fluorene	3330	2420	73	51-108	
Fluoranthene	3330	2520	76	49-108	
Di-n-butyl phthalate	3330	2600	78	50-108	
2,4-Dinitrotoluene	3330	2450	74	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L112837.D

Lab ID: LCS 460-182330/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2500	75	50-106	
4-Nitroaniline	3330	1420	43	45-106	*
4,6-Dinitro-2-methylphenol	6670	2300	34	10-110	
4-Bromophenyl phenyl ether	3330	2710	81	44-102	
Atrazine	3330	2660	80	30-100	
Anthracene	3330	2600	78	50-107	
Carbazole	3330	2590	78	49-104	
Phenanthrene	3330	2600	78	48-108	
Pentachlorophenol	6670	4160	62	19-113	
Pyrene	3330	2700	81	49-116	
Chrysene	3330	2510	75	45-114	
Benzo[k]fluoranthene	3330	2830	85	35-115	
Benzo[g,h,i]perylene	3330	2960	89	43-106	
Benzo[b]fluoranthene	3330	2760	83	33-96	
Benzo[a]pyrene	3330	2940	88	36-89	
Benzo[a]anthracene	3330	2520	76	46-112	
N-Nitrosodiphenylamine	3330	2740	82	49-106	
Butyl benzyl phthalate	3330	2680	80	49-117	
Bis(2-ethylhexyl) phthalate	3330	2670	80	49-119	
Di-n-octyl phthalate	3330	2890	87	40-106	
Indeno[1,2,3-cd]pyrene	3330	3400	102	43-109	
Dibenz(a,h)anthracene	3330	2810	84	43-107	
3,3'-Dichlorobenzidine	3330	1590	48	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2580	78	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 DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M69606.D

Lab ID: LCSD 460-181730/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	80.0	35.0	44	6	30	12-44	
2-Chlorophenol	80.0	60.1	75	3	30	53-101	
2-Methylphenol	80.0	53.9	67	2	30	40-90	
4-Methylphenol	80.0	52.6	66	0	30	30-75	
Benzaldehyde	80.0	69.1	86	10	30	52-150	
Acetophenone	80.0	60.2	75	2	30	68-109	
Bis(2-chloroethyl)ether	80.0	57.6	72	1	30	62-108	
2,2'-oxybis[1-chloropropane]	80.0	59.3	74	10	30	68-107	
N-Nitrosodi-n-propylamine	80.0	61.5	77	4	30	70-109	
Nitrobenzene	80.0	52.3	65	5	30	66-106	*
Hexachloroethane	80.0	54.4	68	5	30	50-99	
Isophorone	80.0	55.0	69	3	30	68-108	
2-Nitrophenol	80.0	59.8	75	1	30	65-107	
2,4-Dimethylphenol	80.0	54.3	68	5	30	55-100	
2,4-Dichlorophenol	80.0	60.2	75	4	30	64-107	
Bis(2-chloroethoxy)methane	80.0	59.9	75	4	30	69-108	
Naphthalene	80.0	62.1	78	2	30	63-101	
4-Chloroaniline	80.0	58.2	73	0	30	58-105	
Hexachlorobutadiene	80.0	60.1	75	8	30	52-99	
Caprolactam	80.0	33.7	42	5	30	10-30	*
4-Chloro-3-methylphenol	80.0	58.5	73	2	30	57-106	
2-Methylnaphthalene	80.0	62.5	78	1	30	66-102	
Hexachlorobenzene	80.0	76.3	95	17	30	65-107	
Hexachlorocyclopentadiene	80.0	50.4	63	1	30	40-105	
2,4,6-Trichlorophenol	80.0	67.9	85	8	30	67-111	
2,4,5-Trichlorophenol	80.0	65.4	82	6	30	67-114	
Diphenyl	80.0	60.8	76	5	30	66-112	
2-Chloronaphthalene	80.0	59.9	75	3	30	65-107	
2-Nitroaniline	80.0	50.4	63	1	30	73-116	*
2,6-Dinitrotoluene	80.0	64.1	80	6	30	68-114	
Dimethyl phthalate	80.0	63.4	79	2	30	69-111	
Acenaphthylene	80.0	62.2	78	0	30	67-107	
3-Nitroaniline	80.0	70.5	88	0	30	59-108	
Acenaphthene	80.0	61.4	77	3	30	66-108	
4-Nitrophenol	80.0	43.4	54	1	30	10-44	*
2,4-Dinitrophenol	80.0	71.2	89	4	30	19-113	
Dibenzofuran	80.0	62.6	78	6	30	68-105	
Diethyl phthalate	80.0	62.0	77	6	30	66-109	
Fluorene	80.0	62.9	79	1	30	68-105	
Fluoranthene	80.0	62.4	78	1	30	68-108	
Di-n-butyl phthalate	80.0	59.5	74	2	30	68-111	
2,4-Dinitrotoluene	80.0	64.5	81	2	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.: 460-62993-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M69606.D

Lab ID: LCSD 460-181730/3-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	80.0	65.8	82	3	30	68-105	
4-Nitroaniline	80.0	68.5	86	8	30	49-119	
4,6-Dinitro-2-methylphenol	80.0	73.1	91	8	30	58-115	
4-Bromophenyl phenyl ether	80.0	69.8	87	11	30	66-110	
Atrazine	80.0	52.2	65	3	30	56-116	
Anthracene	80.0	62.1	78	1	30	68-108	
Carbazole	80.0	61.2	77	1	30	67-110	
Phenanthrene	80.0	64.1	80	3	30	68-110	
Pentachlorophenol	80.0	71.0	89	10	30	55-116	
Pyrene	80.0	60.7	76	0	30	61-110	
Chrysene	80.0	60.1	75	1	30	68-112	
Benzo[k]fluoranthene	80.0	68.1	85	3	30	66-114	
Benzo[g,h,i]perylene	80.0	63.2	79	14	30	65-134	
Benzo[b]fluoranthene	80.0	63.2	79	3	30	65-111	
Benzo[a]pyrene	80.0	64.3	80	5	30	58-101	
Benzo[a]anthracene	80.0	62.2	78	3	30	65-106	
N-Nitrosodiphenylamine	80.0	66.9	84	6	30	71-121	
Butyl benzyl phthalate	80.0	57.8	72	3	30	66-115	
Bis(2-ethylhexyl) phthalate	80.0	54.0	68	8	30	66-114	
Di-n-octyl phthalate	80.0	60.7	76	8	30	51-115	
Indeno[1,2,3-cd]pyrene	80.0	62.2	78	7	30	68-121	
Dibenz(a,h)anthracene	80.0	68.2	85	13	30	67-124	
3,3'-Dichlorobenzidine	80.0	63.4	79	5	30	69-129	
1,2,4,5-Tetrachlorobenzene	80.0	60.4	75	8	30	70-130	
2,3,4,6-Tetrachlorophenol	80.0	71.0	89	10	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 112701.D

Lab ID: 460-62993-11 MS Client ID: PMP-4SE-VD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	3580	48 U	3240	90	54-115	
2-Chlorophenol	3580	47 U	3130	87	56-110	
2-Methylphenol	3580	61 U	3240	91	54-117	
4-Methylphenol	3580	70 U	3350	94	47-103	
Benzaldehyde	3580	42 U	784	22	10-160	
Acetophenone	3580	55 U	2630	74	40-95	
Bis(2-chloroethyl)ether	3580	4.8 U	2820	79	44-101	
2,2'-oxybis[1-chloropropane]	3580	39 U	2970	83	45-102	
N-Nitrosodi-n-propylamine	3580	5.9 U	3260	91	42-107	
Nitrobenzene	3580	5.1 U	2300	64	42-106	
Hexachloroethane	3580	4.0 U	2710	76	45-90	
Isophorone	3580	43 U	3150	88	48-97	
2-Nitrophenol	3580	40 U	3200	89	55-101	
2,4-Dimethylphenol	3580	88 U	2970	83	56-112	
2,4-Dichlorophenol	3580	52 U	3370	94	58-115	
Bis(2-chloroethoxy)methane	3580	46 U	3070	86	51-100	
Naphthalene	3580	41 U	3010	84	53-94	
4-Chloroaniline	3580	94 U	1980	55	10-96	
Hexachlorobutadiene	3580	8.7 U	3110	87	45-98	
Caprolactam	3580	82 U	1640	46	10-127	
4-Chloro-3-methylphenol	3580	54 U	3170	89	55-117	
2-Methylnaphthalene	3580	46 U	3210	90	51-98	
Hexachlorobenzene	3580	4.9 U	3300	92	43-104	
Hexachlorocyclopentadiene	3580	42 U	3740	104	24-98	F
2,4,6-Trichlorophenol	3580	42 U	3080	86	53-118	
2,4,5-Trichlorophenol	3580	46 U	3040	85	50-115	
Diphenyl	3580	48 U	3150	88	50-105	
2-Chloronaphthalene	3580	40 U	2980	83	51-102	
2-Nitroaniline	3580	150 U	3120	87	51-109	
2,6-Dinitrotoluene	3580	11 U	3150	88	51-115	
Dimethyl phthalate	3580	42 U	3050	85	52-112	
Acenaphthylene	3580	42 U	3150	88	51-103	
3-Nitroaniline	3580	130 U	2450	69	32-104	
Acenaphthene	3580	52 U	3080	86	46-100	
4-Nitrophenol	7160	230 U	5970	83	45-114	
2,4-Dinitrophenol	7160	200 U	200 U	0	10-129	F
Dibenzofuran	3580	42 U	3110	87	52-106	
Diethyl phthalate	3580	42 U	3020	84	52-114	
Fluorene	3580	45 U	2980	83	51-108	
Fluoranthene	3580	47 U	3010	84	49-108	
Di-n-butyl phthalate	3580	44 U	3100	87	50-108	
2,4-Dinitrotoluene	3580	12 U	3050	85	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 112701.D

Lab ID: 460-62993-11 MS Client ID: PMP-4SE-VD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3580	42 U	3110	87	50-106	
4-Nitroaniline	3580	110 U	1490	42	45-106	F
4,6-Dinitro-2-methylphenol	7160	97 U	1140	16	10-110	
4-Bromophenyl phenyl ether	3580	35 U	3300	92	44-102	
Atrazine	3580	55 U	2390	67	30-100	
Anthracene	3580	43 U	3160	88	50-107	
Carbazole	3580	42 U	3060	85	49-104	
Phenanthrene	3580	45 U	3170	89	48-108	
Pentachlorophenol	7160	110 U	4200	59	19-113	
Pyrene	3580	30 U	3440	96	49-116	
Chrysene	3580	41 U	3090	86	45-114	
Benzo[k]fluoranthene	3580	2.7 U	3440	96	35-115	
Benzo[g,h,i]perylene	3580	26 U	3160	88	43-106	
Benzo[b]fluoranthene	3580	2.2 U	3250	91	33-96	
Benzo[a]pyrene	3580	2.5 U	3460	97	36-89	F
Benzo[a]anthracene	3580	2.5 U	3110	87	46-112	
N-Nitrosodiphenylamine	3580	35 U	3270	91	49-106	
Butyl benzyl phthalate	3580	33 U	3270	91	49-117	
Bis(2-ethylhexyl) phthalate	3580	120 U	3240	91	49-119	
Di-n-octyl phthalate	3580	23 U	3240	91	40-106	
Indeno[1,2,3-cd]pyrene	3580	6.6 U	2770	77	43-109	
Dibenz(a,h)anthracene	3580	4.5 U	3210	90	43-107	
3,3'-Dichlorobenzidine	3580	120 U	2100	59	24-105	
1,2,4,5-Tetrachlorobenzene	3580	48 U	3050	85	70-130	
2,3,4,6-Tetrachlorophenol	3580	46 U	2990	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x5364.d

Lab ID: 460-62993-30 MS Client ID: PMP-15SE-VD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	3470	46 U	2950	85	54-115	
2-Chlorophenol	3470	45 U	3030	87	56-110	
2-Methylphenol	3470	59 U	3020	87	54-117	
4-Methylphenol	3470	68 U	3280	95	47-103	
Benzaldehyde	3470	40 U	1080	31	10-160	
Acetophenone	3470	53 U	2930	84	40-95	
Bis(2-chloroethyl)ether	3470	4.7 U	3020	87	44-101	
2,2'-oxybis[1-chloropropane]	3470	38 U	2950	85	45-102	
N-Nitrosodi-n-propylamine	3470	5.7 U	3460	100	42-107	
Nitrobenzene	3470	4.9 U	2500	72	42-106	
Hexachloroethane	3470	3.8 U	2840	82	45-90	
Isophorone	3470	42 U	3330	96	48-97	
2-Nitrophenol	3470	38 U	3130	90	55-101	
2,4-Dimethylphenol	3470	85 U	2980	86	56-112	
2,4-Dichlorophenol	3470	50 U	3040	88	58-115	
Bis(2-chloroethoxy)methane	3470	44 U	3210	93	51-100	
Naphthalene	3470	40 U	2910	84	53-94	
4-Chloroaniline	3470	91 U	2110	61	10-96	
Hexachlorobutadiene	3470	8.4 U	3050	88	45-98	
Caprolactam	3470	79 U	2110	61	10-127	
4-Chloro-3-methylphenol	3470	52 U	3420	99	55-117	
2-Methylnaphthalene	3470	44 U	3190	92	51-98	
Hexachlorobenzene	3470	4.7 U	3210	93	43-104	
Hexachlorocyclopentadiene	3470	40 U	3510	101	24-98	F
2,4,6-Trichlorophenol	3470	40 U	2840	82	53-118	
2,4,5-Trichlorophenol	3470	44 U	2940	85	50-115	
Diphenyl	3470	46 U	2860	82	50-105	
2-Chloronaphthalene	3470	38 U	2790	80	51-102	
2-Nitroaniline	3470	140 U	3190	92	51-109	
2,6-Dinitrotoluene	3470	10 U	3120	90	51-115	
Dimethyl phthalate	3470	41 U	3200	92	52-112	
Acenaphthylene	3470	41 U	2950	85	51-103	
3-Nitroaniline	3470	120 U	2980	86	32-104	
Acenaphthene	3470	50 U	2980	86	46-100	
4-Nitrophenol	6940	220 U	6390	92	45-114	
2,4-Dinitrophenol	6940	200 U	521 J	8	10-129	F
Dibenzofuran	3470	40 U	2890	83	52-106	
Diethyl phthalate	3470	41 U	3140	91	52-114	
Fluorene	3470	44 U	3020	87	51-108	
Fluoranthene	3470	46 U	3220	93	49-108	
Di-n-butyl phthalate	3470	42 U	3170	91	50-108	
2,4-Dinitrotoluene	3470	11 U	3210	93	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x5364.d

Lab ID: 460-62993-30 MS Client ID: PMP-15SE-VD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3470	40 U	3050	88	50-106	
4-Nitroaniline	3470	110 U	2960	85	45-106	
4,6-Dinitro-2-methylphenol	6940	94 U	1680	24	10-110	
4-Bromophenyl phenyl ether	3470	34 U	3290	95	44-102	
Atrazine	3470	53 U	2930	84	30-100	
Anthracene	3470	42 U	2940	85	50-107	
Carbazole	3470	41 U	3260	94	49-104	
Phenanthrene	3470	44 U	3000	86	48-108	
Pentachlorophenol	6940	100 U	4310	62	19-113	
Pyrene	3470	29 U	2700	78	49-116	
Chrysene	3470	40 U	3020	87	45-114	
Benzo[k]fluoranthene	3470	2.6 U	2960	85	35-115	
Benzo[g,h,i]perylene	3470	25 U	3020	87	43-106	
Benzo[b]fluoranthene	3470	2.2 U	3060	88	33-96	
Benzo[a]pyrene	3470	2.4 U	3210	92	36-89	F
Benzo[a]anthracene	3470	2.4 U	2880	83	46-112	
N-Nitrosodiphenylamine	3470	34 U	3650	105	49-106	
Butyl benzyl phthalate	3470	32 U	3050	88	49-117	
Bis(2-ethylhexyl) phthalate	3470	110 U	3100	89	49-119	
Di-n-octyl phthalate	3470	22 U	2980	86	40-106	
Indeno[1,2,3-cd]pyrene	3470	6.4 U	3210	92	43-109	
Dibenz(a,h)anthracene	3470	4.3 U	3050	88	43-107	
3,3'-Dichlorobenzidine	3470	120 U	2770	80	24-105	
1,2,4,5-Tetrachlorobenzene	3470	46 U	2840	82	70-130	
2,3,4,6-Tetrachlorophenol	3470	45 U	2760	80	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z2493.d

Lab ID: 460-62433-A-7-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	4170	56 U	3170	76	54-115	
2-Chlorophenol	4170	54 U	3190	76	56-110	
2-Methylphenol	4170	71 U	3140	75	54-117	
4-Methylphenol	4170	82 U	2970	71	47-103	
Benzaldehyde	4170	49 U	1890	45	10-160	
Acetophenone	4170	64 U	2900	70	40-95	
Bis(2-chloroethyl)ether	4170	5.6 U	3050	73	44-101	
2,2'-oxybis[1-chloropropane]	4170	46 U	3150	76	45-102	
N-Nitrosodi-n-propylamine	4170	6.9 U	3640	87	42-107	
Nitrobenzene	4170	5.9 U	2460	59	42-106	
Hexachloroethane	4170	4.6 U	2990	72	45-90	
Isophorone	4170	50 U	3590	86	48-97	
2-Nitrophenol	4170	46 U	3550	85	55-101	
2,4-Dimethylphenol	4170	100 U	3400	81	56-112	
2,4-Dichlorophenol	4170	61 U	3260	78	58-115	
Bis(2-chloroethoxy)methane	4170	53 U	3510	84	51-100	
Naphthalene	4170	48 U	3590	86	53-94	
4-Chloroaniline	4170	110 U	1360	33	10-96	
Hexachlorobutadiene	4170	10 U	3610	86	45-98	
Caprolactam	4170	95 U	3160	76	10-127	
4-Chloro-3-methylphenol	4170	63 U	3260	78	55-117	
2-Methylnaphthalene	4170	53 U	3730	89	51-98	
Hexachlorobenzene	4170	5.7 U	3770	90	43-104	
Hexachlorocyclopentadiene	4170	49 U	2920	70	24-98	
2,4,6-Trichlorophenol	4170	48 U	3650	87	53-118	
2,4,5-Trichlorophenol	4170	53 U	3240	78	50-115	
Diphenyl	4170	55 U	3770	90	50-105	
2-Chloronaphthalene	4170	46 U	3770	90	51-102	
2-Nitroaniline	4170	170 U	3010	72	51-109	
2,6-Dinitrotoluene	4170	12 U	4100	98	51-115	
Dimethyl phthalate	4170	49 U	4010	96	52-112	
Acenaphthylene	4170	49 U	3610	86	51-103	
3-Nitroaniline	4170	150 U	2740	66	32-104	
Acenaphthene	4170	60 U	3500	84	46-100	
4-Nitrophenol	8350	270 U	6950	83	45-114	
2,4-Dinitrophenol	8350	240 U	4840	58	10-129	
Dibenzofuran	4170	49 U	3700	89	52-106	
Diethyl phthalate	4170	49 U	3820	91	52-114	
Fluorene	4170	53 U	3550	85	51-108	
Fluoranthene	4170	120 J	3760	87	49-108	
Di-n-butyl phthalate	4170	51 U	3870	93	50-108	
2,4-Dinitrotoluene	4170	14 U	3980	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z2493.d

Lab ID: 460-62433-A-7-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	4170	49 U	3490	84	50-106	
4-Nitroaniline	4170	130 U	3100	74	45-106	
4,6-Dinitro-2-methylphenol	8350	110 U	6860	82	10-110	
4-Bromophenyl phenyl ether	4170	41 U	3810	91	44-102	
Atrazine	4170	64 U	3250	78	30-100	
Anthracene	4170	50 U	3510	84	50-107	
Carbazole	4170	49 U	3820	92	49-104	
Phenanthrene	4170	72 J	3730	88	48-108	
Pentachlorophenol	8350	120 U	2370	28	19-113	
Pyrene	4170	110 J	3090	72	49-116	
Chrysene	4170	120 J	3640	84	45-114	
Benzo[k]fluoranthene	4170	36 J	3970	94	35-115	
Benzo[g,h,i]perylene	4170	260 J	4780	108	43-106	F
Benzo[b]fluoranthene	4170	110	3650	85	33-96	
Benzo[a]pyrene	4170	82	4110	97	36-89	F
Benzo[a]anthracene	4170	67	3550	83	46-112	
N-Nitrosodiphenylamine	4170	41 U	3940	94	49-106	
Butyl benzyl phthalate	4170	38 U	3630	87	49-117	
Bis(2-ethylhexyl) phthalate	4170	140 U	3620	87	49-119	
Di-n-octyl phthalate	4170	26 U	2920	70	40-106	
Indeno[1,2,3-cd]pyrene	4170	92	4700	110	43-109	F
Dibenz(a,h)anthracene	4170	13 J	4300	103	43-107	
3,3'-Dichlorobenzidine	4170	150 U	2550	61	24-105	
1,2,4,5-Tetrachlorobenzene	4170	56 U	3610	86	70-130	
2,3,4,6-Tetrachlorophenol	4170	54 U	3080	74	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 112780.D

Lab ID: 460-63294-E-2-B MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	3780	50 U	3370	89	54-115	
2-Chlorophenol	3780	49 U	3330	88	56-110	
2-Methylphenol	3780	64 U	3460	92	54-117	
4-Methylphenol	3780	74 U	3630	96	47-103	
Benzaldehyde	3780	44 U	550	15	10-160	
Acetophenone	3780	58 U	3300	87	40-95	
Bis(2-chloroethyl)ether	3780	5.1 U	3040	80	44-101	
2,2'-oxybis[1-chloropropane]	3780	42 U	3140	83	45-102	
N-Nitrosodi-n-propylamine	3780	6.3 U	3510	93	42-107	
Nitrobenzene	3780	5.3 U	2430	64	42-106	
Hexachloroethane	3780	4.2 U	2970	78	45-90	
Isophorone	3780	46 U	3580	94	48-97	
2-Nitrophenol	3780	42 U	3520	93	55-101	
2,4-Dimethylphenol	3780	93 U	3080	81	56-112	
2,4-Dichlorophenol	3780	55 U	3750	99	58-115	
Bis(2-chloroethoxy)methane	3780	48 U	3310	87	51-100	
Naphthalene	3780	43 U	3250	86	53-94	
4-Chloroaniline	3780	99 U	2610	69	10-96	
Hexachlorobutadiene	3780	9.2 U	3340	88	45-98	
Caprolactam	3780	87 U	2050	54	10-127	
4-Chloro-3-methylphenol	3780	57 U	3510	93	55-117	
2-Methylnaphthalene	3780	48 U	3440	91	51-98	
Hexachlorobenzene	3780	5.1 U	3620	96	43-104	
Hexachlorocyclopentadiene	3780	44 U	4180	111	24-98	F
2,4,6-Trichlorophenol	3780	44 U	3380	89	53-118	
2,4,5-Trichlorophenol	3780	48 U	3210	85	50-115	
Diphenyl	3780	50 U	3310	87	50-105	
2-Chloronaphthalene	3780	42 U	3180	84	51-102	
2-Nitroaniline	3780	160 U	3420	90	51-109	
2,6-Dinitrotoluene	3780	11 U	3370	89	51-115	
Dimethyl phthalate	3780	45 U	3330	88	52-112	
Acenaphthylene	3780	44 U	3400	90	51-103	
3-Nitroaniline	3780	130 U	2630	70	32-104	
Acenaphthene	3780	55 U	3330	88	46-100	
4-Nitrophenol	7570	240 U	6620	87	45-114	
2,4-Dinitrophenol	7570	210 U	1070 J	14	10-129	
Dibenzofuran	3780	44 U	3360	89	52-106	
Diethyl phthalate	3780	45 U	3290	87	52-114	
Fluorene	3780	48 U	3190	84	51-108	
Fluoranthene	3780	50 U	3330	88	49-108	
Di-n-butyl phthalate	3780	46 U	3370	89	50-108	
2,4-Dinitrotoluene	3780	12 U	3400	90	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 112780.D

Lab ID: 460-63294-E-2-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	3780	44 U	3330	88	50-106	
4-Nitroaniline	3780	120 U	2000	53	45-106	
4,6-Dinitro-2-methylphenol	7570	100 U	1460	19	10-110	
4-Bromophenyl phenyl ether	3780	37 U	3620	96	44-102	
Atrazine	3780	58 U	3590	95	30-100	
Anthracene	3780	46 U	3520	93	50-107	
Carbazole	3780	44 U	3430	91	49-104	
Phenanthrene	3780	48 U	3510	93	48-108	
Pentachlorophenol	7570	110 U	4960	66	19-113	
Pyrene	3780	31 U	3710	98	49-116	
Chrysene	3780	44 U	3330	88	45-114	
Benzo[k]fluoranthene	3780	2.8 U	3460	91	35-115	
Benzo[g,h,i]perylene	3780	28 U	3270	86	43-106	
Benzo[b]fluoranthene	3780	2.4 U	3710	98	33-96	F
Benzo[a]pyrene	3780	2.7 U	3820	101	36-89	F
Benzo[a]anthracene	3780	2.6 U	3410	90	46-112	
N-Nitrosodiphenylamine	3780	37 U	3690	98	49-106	
Butyl benzyl phthalate	3780	34 U	3540	94	49-117	
Bis(2-ethylhexyl) phthalate	3780	120 U	3340	88	49-119	
Di-n-octyl phthalate	3780	24 U	3410	90	40-106	
Indeno[1,2,3-cd]pyrene	3780	7.0 U	3990	105	43-109	
Dibenz(a,h)anthracene	3780	4.7 U	3320	88	43-107	
3,3'-Dichlorobenzidine	3780	130 U	2530	67	24-105	
1,2,4,5-Tetrachlorobenzene	3780	51 U	3280	87	70-130	
2,3,4,6-Tetrachlorophenol	3780	49 U	3300	87	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 112702.D

Lab ID: 460-62993-11 MSD Client ID: PMP-4SE-VD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	3580	2840	79	13	30	54-115	
2-Chlorophenol	3580	2760	77	12	30	56-110	
2-Methylphenol	3580	2830	79	14	30	54-117	
4-Methylphenol	3580	2960	83	12	30	47-103	
Benzaldehyde	3580	703	20	11	30	10-160	
Acetophenone	3580	2380	67	10	30	40-95	
Bis(2-chloroethyl)ether	3580	2700	75	5	30	44-101	
2,2'-oxybis[1-chloropropane]	3580	2730	76	9	30	45-102	
N-Nitrosodi-n-propylamine	3580	2850	80	13	30	42-107	
Nitrobenzene	3580	2120	59	8	30	42-106	
Hexachloroethane	3580	2580	72	5	30	45-90	
Isophorone	3580	2870	80	9	30	48-97	
2-Nitrophenol	3580	2920	81	9	30	55-101	
2,4-Dimethylphenol	3580	2700	75	9	30	56-112	
2,4-Dichlorophenol	3580	3090	86	9	30	58-115	
Bis(2-chloroethoxy)methane	3580	2800	78	9	30	51-100	
Naphthalene	3580	2810	78	7	30	53-94	
4-Chloroaniline	3580	1970	55	0	30	10-96	
Hexachlorobutadiene	3580	2980	83	4	30	45-98	
Caprolactam	3580	1530	43	7	30	10-127	
4-Chloro-3-methylphenol	3580	2860	80	10	30	55-117	
2-Methylnaphthalene	3580	2960	83	8	30	51-98	
Hexachlorobenzene	3580	2980	83	10	30	43-104	
Hexachlorocyclopentadiene	3580	3360	94	11	30	24-98	
2,4,6-Trichlorophenol	3580	2790	78	10	30	53-118	
2,4,5-Trichlorophenol	3580	2860	80	6	30	50-115	
Diphenyl	3580	2920	82	8	30	50-105	
2-Chloronaphthalene	3580	2780	77	7	30	51-102	
2-Nitroaniline	3580	2870	80	8	30	51-109	
2,6-Dinitrotoluene	3580	2950	82	7	30	51-115	
Dimethyl phthalate	3580	2890	81	5	30	52-112	
Acenaphthylene	3580	2920	81	8	30	51-103	
3-Nitroaniline	3580	2450	68	0	30	32-104	
Acenaphthene	3580	2880	80	7	30	46-100	
4-Nitrophenol	7170	5610	78	6	30	45-114	
2,4-Dinitrophenol	7170	200 U	0	NC	30	10-129	F
Dibenzofuran	3580	2900	81	7	30	52-106	
Diethyl phthalate	3580	2900	81	4	30	52-114	
Fluorene	3580	2800	78	6	30	51-108	
Fluoranthene	3580	2970	83	2	30	49-108	
Di-n-butyl phthalate	3580	2950	82	5	30	50-108	
2,4-Dinitrotoluene	3580	2920	81	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 112702.D

Lab ID: 460-62993-11 MSD Client ID: PMP-4SE-VD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3580	2880	80	8	30	50-106	
4-Nitroaniline	3580	1510	42	1	30	45-106	F
4,6-Dinitro-2-methylphenol	7170	872 J	12	26	30	10-110	
4-Bromophenyl phenyl ether	3580	2980	83	10	30	44-102	
Atrazine	3580	2230	62	7	30	30-100	
Anthracene	3580	2920	82	8	30	50-107	
Carbazole	3580	2960	83	3	30	49-104	
Phenanthrene	3580	2960	83	7	30	48-108	
Pentachlorophenol	7170	4050	56	4	30	19-113	
Pyrene	3580	2930	82	16	30	49-116	
Chrysene	3580	2810	79	9	30	45-114	
Benzo[k]fluoranthene	3580	3060	85	12	30	35-115	
Benzo[g,h,i]perylene	3580	2920	82	8	30	43-106	
Benzo[b]fluoranthene	3580	3000	84	8	30	33-96	
Benzo[a]pyrene	3580	3200	89	8	30	36-89	
Benzo[a]anthracene	3580	2860	80	8	30	46-112	
N-Nitrosodiphenylamine	3580	3030	85	7	30	49-106	
Butyl benzyl phthalate	3580	2920	81	11	30	49-117	
Bis(2-ethylhexyl) phthalate	3580	2900	81	11	30	49-119	
Di-n-octyl phthalate	3580	2890	81	11	30	40-106	
Indeno[1,2,3-cd]pyrene	3580	2850	80	3	30	43-109	
Dibenz(a,h)anthracene	3580	2920	81	10	30	43-107	
3,3'-Dichlorobenzidine	3580	2060	57	2	30	24-105	
1,2,4,5-Tetrachlorobenzene	3580	2830	79	7	30	70-130	
2,3,4,6-Tetrachlorophenol	3580	2820	79	6	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x5365.d

Lab ID: 460-62993-30 MSD Client ID: PMP-15SE-VD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	3470	2830	81	4	30	54-115	
2-Chlorophenol	3470	2900	84	4	30	56-110	
2-Methylphenol	3470	2860	82	5	30	54-117	
4-Methylphenol	3470	3120	90	5	30	47-103	
Benzaldehyde	3470	1010	29	7	30	10-160	
Acetophenone	3470	2760	80	6	30	40-95	
Bis(2-chloroethyl)ether	3470	2850	82	6	30	44-101	
2,2'-oxybis[1-chloropropane]	3470	2830	81	4	30	45-102	
N-Nitrosodi-n-propylamine	3470	3240	93	7	30	42-107	
Nitrobenzene	3470	2270	65	10	30	42-106	
Hexachloroethane	3470	2660	76	7	30	45-90	
Isophorone	3470	3040	87	9	30	48-97	
2-Nitrophenol	3470	2870	83	8	30	55-101	
2,4-Dimethylphenol	3470	2800	81	6	30	56-112	
2,4-Dichlorophenol	3470	2900	84	5	30	58-115	
Bis(2-chloroethoxy)methane	3470	2960	85	8	30	51-100	
Naphthalene	3470	2750	79	5	30	53-94	
4-Chloroaniline	3470	2390	69	12	30	10-96	
Hexachlorobutadiene	3470	2840	82	7	30	45-98	
Caprolactam	3470	1950	56	8	30	10-127	
4-Chloro-3-methylphenol	3470	3170	91	8	30	55-117	
2-Methylnaphthalene	3470	3000	86	6	30	51-98	
Hexachlorobenzene	3470	2750	79	15	30	43-104	
Hexachlorocyclopentadiene	3470	3250	94	8	30	24-98	
2,4,6-Trichlorophenol	3470	2620	75	8	30	53-118	
2,4,5-Trichlorophenol	3470	2760	80	6	30	50-115	
Diphenyl	3470	2740	79	4	30	50-105	
2-Chloronaphthalene	3470	2680	77	4	30	51-102	
2-Nitroaniline	3470	2960	85	8	30	51-109	
2,6-Dinitrotoluene	3470	2990	86	4	30	51-115	
Dimethyl phthalate	3470	3050	88	5	30	52-112	
Acenaphthylene	3470	2860	82	3	30	51-103	
3-Nitroaniline	3470	3000	86	1	30	32-104	
Acenaphthene	3470	2870	83	4	30	46-100	
4-Nitrophenol	6950	5490	79	15	30	45-114	
2,4-Dinitrophenol	6950	200 U	0	NC	30	10-129	F
Dibenzofuran	3470	2840	82	2	30	52-106	
Diethyl phthalate	3470	2970	86	6	30	52-114	
Fluorene	3470	2910	84	4	30	51-108	
Fluoranthene	3470	3030	87	6	30	49-108	
Di-n-butyl phthalate	3470	2970	86	6	30	50-108	
2,4-Dinitrotoluene	3470	3100	89	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x5365.d

Lab ID: 460-62993-30 MSD Client ID: PMP-15SE-VD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3470	2900	83	5	30	50-106	
4-Nitroaniline	3470	2760	80	7	30	45-106	
4,6-Dinitro-2-methylphenol	6950	664 J	10	87	30	10-110	F
4-Bromophenyl phenyl ether	3470	2780	80	17	30	44-102	
Atrazine	3470	2530	73	14	30	30-100	
Anthracene	3470	2820	81	4	30	50-107	
Carbazole	3470	3130	90	4	30	49-104	
Phenanthrene	3470	2850	82	5	30	48-108	
Pentachlorophenol	6950	3120	45	32	30	19-113	F
Pyrene	3470	2590	74	4	30	49-116	
Chrysene	3470	2840	82	6	30	45-114	
Benzo[k]fluoranthene	3470	2750	79	7	30	35-115	
Benzo[g,h,i]perylene	3470	2870	83	5	30	43-106	
Benzo[b]fluoranthene	3470	2960	85	3	30	33-96	
Benzo[a]pyrene	3470	3090	89	4	30	36-89	
Benzo[a]anthracene	3470	2770	80	4	30	46-112	
N-Nitrosodiphenylamine	3470	3120	90	16	30	49-106	
Butyl benzyl phthalate	3470	2850	82	7	30	49-117	
Bis(2-ethylhexyl) phthalate	3470	2920	84	6	30	49-119	
Di-n-octyl phthalate	3470	2840	82	5	30	40-106	
Indeno[1,2,3-cd]pyrene	3470	3060	88	5	30	43-109	
Dibenz(a,h)anthracene	3470	2960	85	3	30	43-107	
3,3'-Dichlorobenzidine	3470	2780	80	0	30	24-105	
1,2,4,5-Tetrachlorobenzene	3470	2670	77	6	30	70-130	
2,3,4,6-Tetrachlorophenol	3470	2270	65	20	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z2494.d

Lab ID: 460-62433-A-7-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	4180	3320	79	5	30	54-115	
2-Chlorophenol	4180	3380	81	6	30	56-110	
2-Methylphenol	4180	3360	80	7	30	54-117	
4-Methylphenol	4180	3120	75	5	30	47-103	
Benzaldehyde	4180	1820	43	4	30	10-160	
Acetophenone	4180	3060	73	5	30	40-95	
Bis(2-chloroethyl)ether	4180	3320	79	8	30	44-101	
2,2'-oxybis[1-chloropropane]	4180	3380	81	7	30	45-102	
N-Nitrosodi-n-propylamine	4180	3800	91	4	30	42-107	
Nitrobenzene	4180	2590	62	5	30	42-106	
Hexachloroethane	4180	3210	77	7	30	45-90	
Isophorone	4180	3830	92	6	30	48-97	
2-Nitrophenol	4180	3780	90	6	30	55-101	
2,4-Dimethylphenol	4180	3540	85	4	30	56-112	
2,4-Dichlorophenol	4180	3470	83	6	30	58-115	
Bis(2-chloroethoxy)methane	4180	3770	90	7	30	51-100	
Naphthalene	4180	3730	89	4	30	53-94	
4-Chloroaniline	4180	1360	33	0	30	10-96	
Hexachlorobutadiene	4180	3810	91	5	30	45-98	
Caprolactam	4180	3230	77	2	30	10-127	
4-Chloro-3-methylphenol	4180	3410	82	5	30	55-117	
2-Methylnaphthalene	4180	3850	92	3	30	51-98	
Hexachlorobenzene	4180	3910	94	4	30	43-104	
Hexachlorocyclopentadiene	4180	3040	73	4	30	24-98	
2,4,6-Trichlorophenol	4180	3750	90	3	30	53-118	
2,4,5-Trichlorophenol	4180	3280	78	1	30	50-115	
Diphenyl	4180	3990	95	6	30	50-105	
2-Chloronaphthalene	4180	3970	95	5	30	51-102	
2-Nitroaniline	4180	3170	76	5	30	51-109	
2,6-Dinitrotoluene	4180	4270	102	4	30	51-115	
Dimethyl phthalate	4180	4200	100	5	30	52-112	
Acenaphthylene	4180	3830	92	6	30	51-103	
3-Nitroaniline	4180	2830	68	3	30	32-104	
Acenaphthene	4180	3650	87	4	30	46-100	
4-Nitrophenol	8360	7220	86	4	30	45-114	
2,4-Dinitrophenol	8360	4720	56	3	30	10-129	
Dibenzofuran	4180	3870	93	5	30	52-106	
Diethyl phthalate	4180	4020	96	5	30	52-114	
Fluorene	4180	3680	88	4	30	51-108	
Fluoranthene	4180	3940	91	5	30	49-108	
Di-n-butyl phthalate	4180	4130	99	6	30	50-108	
2,4-Dinitrotoluene	4180	4190	100	5	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z2494.d

Lab ID: 460-62433-A-7-B 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	4180	3650	87	5	30	50-106	
4-Nitroaniline	4180	3290	79	6	30	45-106	
4,6-Dinitro-2-methylphenol	8360	6940	83	1	30	10-110	
4-Bromophenyl phenyl ether	4180	4040	97	6	30	44-102	
Atrazine	4180	3520	84	8	30	30-100	
Anthracene	4180	3740	89	6	30	50-107	
Carbazole	4180	4040	97	6	30	49-104	
Phenanthrene	4180	3930	92	5	30	48-108	
Pentachlorophenol	8360	2310	28	2	30	19-113	
Pyrene	4180	3200	74	3	30	49-116	
Chrysene	4180	3880	90	6	30	45-114	
Benzo[k]fluoranthene	4180	3960	94	0	30	35-115	
Benzo[g,h,i]perylene	4180	5350	122	11	30	43-106	F
Benzo[b]fluoranthene	4180	4120	96	12	30	33-96	
Benzo[a]pyrene	4180	4320	101	5	30	36-89	F
Benzo[a]anthracene	4180	3740	88	5	30	46-112	
N-Nitrosodiphenylamine	4180	4220	101	7	30	49-106	
Butyl benzyl phthalate	4180	3770	90	4	30	49-117	
Bis(2-ethylhexyl) phthalate	4180	3850	92	6	30	49-119	
Di-n-octyl phthalate	4180	3140	75	7	30	40-106	
Indeno[1,2,3-cd]pyrene	4180	4730	111	1	30	43-109	F
Dibenz(a,h)anthracene	4180	4560	109	6	30	43-107	F
3,3'-Dichlorobenzidine	4180	2710	65	6	30	24-105	
1,2,4,5-Tetrachlorobenzene	4180	3790	91	5	30	70-130	
2,3,4,6-Tetrachlorophenol	4180	3080	74	0	30	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 112781.D

Lab ID: 460-63294-E-2-C MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	3790	3380	89	0	30	54-115	
2-Chlorophenol	3790	3280	87	2	30	56-110	
2-Methylphenol	3790	3410	90	2	30	54-117	
4-Methylphenol	3790	3630	96	0	30	47-103	
Benzaldehyde	3790	570	15	4	30	10-160	
Acetophenone	3790	3240	86	2	30	40-95	
Bis(2-chloroethyl)ether	3790	3140	83	3	30	44-101	
2,2'-oxybis[1-chloropropane]	3790	3110	82	1	30	45-102	
N-Nitrosodi-n-propylamine	3790	3480	92	1	30	42-107	
Nitrobenzene	3790	2390	63	2	30	42-106	
Hexachloroethane	3790	2910	77	2	30	45-90	
Isophorone	3790	3500	92	2	30	48-97	
2-Nitrophenol	3790	3410	90	3	30	55-101	
2,4-Dimethylphenol	3790	3030	80	1	30	56-112	
2,4-Dichlorophenol	3790	3640	96	3	30	58-115	
Bis(2-chloroethoxy)methane	3790	3240	86	2	30	51-100	
Naphthalene	3790	3180	84	2	30	53-94	
4-Chloroaniline	3790	2820	74	8	30	10-96	
Hexachlorobutadiene	3790	3300	87	1	30	45-98	
Caprolactam	3790	2200	58	7	30	10-127	
4-Chloro-3-methylphenol	3790	3510	93	0	30	55-117	
2-Methylnaphthalene	3790	3370	89	2	30	51-98	
Hexachlorobenzene	3790	3510	93	3	30	43-104	
Hexachlorocyclopentadiene	3790	4060	107	3	30	24-98	F
2,4,6-Trichlorophenol	3790	3200	84	6	30	53-118	
2,4,5-Trichlorophenol	3790	3230	85	1	30	50-115	
Diphenyl	3790	3150	83	5	30	50-105	
2-Chloronaphthalene	3790	2960	78	7	30	51-102	
2-Nitroaniline	3790	3360	89	2	30	51-109	
2,6-Dinitrotoluene	3790	3250	86	4	30	51-115	
Dimethyl phthalate	3790	3220	85	3	30	52-112	
Acenaphthylene	3790	3230	85	5	30	51-103	
3-Nitroaniline	3790	2700	71	3	30	32-104	
Acenaphthene	3790	3190	84	4	30	46-100	
4-Nitrophenol	7570	6320	83	5	30	45-114	
2,4-Dinitrophenol	7570	1060 J	14	0	30	10-129	
Dibenzofuran	3790	3230	85	4	30	52-106	
Diethyl phthalate	3790	3200	85	3	30	52-114	
Fluorene	3790	3080	81	3	30	51-108	
Fluoranthene	3790	3180	84	5	30	49-108	
Di-n-butyl phthalate	3790	3210	85	5	30	50-108	
2,4-Dinitrotoluene	3790	3340	88	2	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 112781.D

Lab ID: 460-63294-E-2-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	3790	3240	86	3	30	50-106	
4-Nitroaniline	3790	1710	45	16	30	45-106	
4,6-Dinitro-2-methylphenol	7570	1100	15	28	30	10-110	
4-Bromophenyl phenyl ether	3790	3480	92	4	30	44-102	
Atrazine	3790	3390	90	6	30	30-100	
Anthracene	3790	3390	89	4	30	50-107	
Carbazole	3790	3290	87	4	30	49-104	
Phenanthrene	3790	3370	89	4	30	48-108	
Pentachlorophenol	7570	3780	50	27	30	19-113	
Pyrene	3790	3820	101	3	30	49-116	
Chrysene	3790	3110	82	7	30	45-114	
Benzo[k]fluoranthene	3790	3370	89	3	30	35-115	
Benzo[g,h,i]perylene	3790	3100	82	5	30	43-106	
Benzo[b]fluoranthene	3790	3480	92	7	30	33-96	
Benzo[a]pyrene	3790	3590	95	6	30	36-89	F
Benzo[a]anthracene	3790	3210	85	6	30	46-112	
N-Nitrosodiphenylamine	3790	3480	92	6	30	49-106	
Butyl benzyl phthalate	3790	3430	91	3	30	49-117	
Bis(2-ethylhexyl) phthalate	3790	3170	84	5	30	49-119	
Di-n-octyl phthalate	3790	3360	89	1	30	40-106	
Indeno[1,2,3-cd]pyrene	3790	3790	100	5	30	43-109	
Dibenz(a,h)anthracene	3790	3190	84	4	30	43-107	
3,3'-Dichlorobenzidine	3790	2390	63	5	30	24-105	
1,2,4,5-Tetrachlorobenzene	3790	3130	83	5	30	70-130	
2,3,4,6-Tetrachlorophenol	3790	3010	79	9	30	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: x5334.d Lab Sample ID: MB 460-181707/1-A

Matrix: Solid Date Extracted: 09/17/2013 08:43

Instrument ID: BNAMS5 Date Analyzed: 09/18/2013 06:50

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-181707/2-A	x5332.d	09/18/2013 05:58
PMP-6SE-VD	460-62993-1	z2370.d	09/20/2013 06:14
PMP-6SE-WT	460-62993-2	z2371.d	09/20/2013 06:39
PMP-6SE-SI	460-62993-3	z2372.d	09/20/2013 07:03
PMP-5SE-VD	460-62993-4	z2373.d	09/20/2013 07:28
PMP-5SE-WT	460-62993-5	z2374.d	09/20/2013 07:53
PMP-5SE-SI	460-62993-6	z2375.d	09/20/2013 08:18
PMP-8SE-VD	460-62993-8	z2376.d	09/20/2013 08:43
PMP-8SE-WT	460-62993-9	z2377.d	09/20/2013 09:07
PMP-4SE-VS	460-62993-10	z2393.d	09/20/2013 15:49
PMP-8SE-VS	460-62993-7	z2395.d	09/20/2013 16:38
	460-62433-A-7-A MS	z2493.d	09/23/2013 11:51
	460-62433-A-7-B MSD	z2494.d	09/23/2013 12:16

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: 112697.D Lab Sample ID: MB 460-181712/1-A

Matrix: Solid Date Extracted: 09/17/2013 08:50

Instrument ID: CBNAMS12 Date Analyzed: 09/19/2013 13:55

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-181712/2-A	112699.D	09/19/2013 15:05
PMP-4SE-VD	460-62993-11	112700.D	09/19/2013 15:33
PMP-4SE-VD MS	460-62993-11 MS	112701.D	09/19/2013 16:01
PMP-4SE-VD MSD	460-62993-11 MSD	112702.D	09/19/2013 16:30
PMP-14SE-WT	460-62993-15	112703.D	09/19/2013 16:58
PMP-25SE-VD	460-62993-17	112704.D	09/19/2013 17:27
PMP-25SE-WT	460-62993-18	112705.D	09/19/2013 17:55
PMP-10SE-WT	460-62993-23	112707.D	09/19/2013 18:52
PMP-10SE-SI	460-62993-24	112708.D	09/19/2013 19:21
PMP-10SE-SD	460-62993-25	112709.D	09/19/2013 19:49
PMP-13SE-SI	460-62993-28	112710.D	09/19/2013 20:17
PMP-13SE-SD	460-62993-29	112711.D	09/19/2013 20:46
PMP-15SE-WT	460-62993-31	112712.D	09/19/2013 21:14
PMP-4SE-WT	460-62993-12	112713.D	09/19/2013 21:43
PMP-14SE-VD	460-62993-14	112714.D	09/19/2013 22:11
PMP-13SE-VD	460-62993-26	112715.D	09/19/2013 22:40
PMP-25SE-VS	460-62993-16	112716.D	09/19/2013 23:08
PMP-14SE-VS	460-62993-13	112717.D	09/19/2013 23:36
PMP-7SE-VD DL	460-62993-19 DL	112734.D	09/20/2013 08:24
PMP-7SE-WT	460-62993-20	112735.D	09/20/2013 08:52
PMP-13SE-WT DL	460-62993-27 DL	112736.D	09/20/2013 09:20
PMP-10SE-VD	460-62993-22	112737.D	09/20/2013 09:49

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: x5335.d Lab Sample ID: MB 460-181718/1-A

Matrix: Solid Date Extracted: 09/17/2013 08:59

Instrument ID: BNAMS5 Date Analyzed: 09/18/2013 07:16

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-181718/2-A	x5333.d	09/18/2013 06:24
PMP-15SE-VD MS	460-62993-30 MS	x5364.d	09/18/2013 20:49
PMP-15SE-VD MSD	460-62993-30 MSD	x5365.d	09/18/2013 21:14
PMP-15SE-VD	460-62993-30	x5368.d	09/18/2013 22:30
PMP-15SE-SI	460-62993-32	x5369.d	09/18/2013 22:56
PMP-15SE-SD	460-62993-33	x5370.d	09/18/2013 23:21
PMP-31SE-VD	460-62993-35	x5371.d	09/18/2013 23:47
PMP-31SE-WT	460-62993-36	x5372.d	09/19/2013 00:12
DUP1-091313	460-62993-41	x5373.d	09/19/2013 00:38
DUP2-091313	460-62993-42	x5374.d	09/19/2013 01:04
DUP3-091313	460-62993-43	x5375.d	09/19/2013 01:29
PMP-32SE-WT	460-62993-39	x5378.d	09/19/2013 02:46
DUP-091313	460-62993-40	x5379.d	09/19/2013 03:12
PMP-31SE-VS	460-62993-34	x5382.d	09/19/2013 04:28
PMP-32SE-VS	460-62993-37	x5383.d	09/19/2013 04:54
PMP-32SE-VD	460-62993-38	z2379.d	09/20/2013 09:57

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: M69516.D Lab Sample ID: MB 460-181730/1-A

Matrix: Water Date Extracted: 09/17/2013 09:45

Instrument ID: CBNAMS6 Date Analyzed: 09/18/2013 10:33

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-181730/2-A	M69533.D	09/18/2013 18:28
	LCSD 460-181730/3-A	M69606.D	09/20/2013 09:08
FB-091313	460-62993-44	M69607.D	09/20/2013 09:30

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: 112761.D Lab Sample ID: MB 460-182330/1-A

Matrix: Solid Date Extracted: 09/20/2013 08:59

Instrument ID: CBNAMS12 Date Analyzed: 09/20/2013 22:11

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	460-63294-E-2-B MS	112780.D	09/21/2013 12:33
	460-63294-E-2-C MSD	112781.D	09/21/2013 13:02
PMP-7SE-SI	460-62993-21	112788.D	09/21/2013 16:21
	LCS 460-182330/2-A	L112837.D	09/23/2013 10:23

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: z2308.d DFTPP Injection Date: 09/19/2013

Instrument ID: BNAMS11 DFTPP Injection Time: 00:39

Analysis Batch No.: 182199

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	53.7	
68	Less than 2.0 % of mass 69	1.0	(1.9)1
69	Mass 69 relative abundance	51.1	
70	Less than 2.0 % of mass 69	0.5	(0.9)1
127	40.0 - 60.0 % of mass 198	58.2	
197	Less than 1.0 % of mass 198	0.9	
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	25.2	
365	Greater than 1.0 % of mass 198	4.5	
441	Present but less than mass 443	12.0	(84.3)3
442	Greater than 40.0 % of mass 198	74.9	
443	17.0 - 23.0 % of mass 442	14.2	(19.0)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-182199/2	z2309.d	09/19/2013	01:34
	IC 460-182199/3	z2310.d	09/19/2013	01:59
	IC 460-182199/4	z2311.d	09/19/2013	02:23
	IC 460-182199/5	z2312.d	09/19/2013	02:48
	IC 460-182199/6	z2313.d	09/19/2013	03:12
	IC 460-182199/7	z2314.d	09/19/2013	03:37

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: z2368.d DFTPP Injection Date: 09/20/2013

Instrument ID: BNAMS11 DFTPP Injection Time: 05:27

Analysis Batch No.: 182384

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	53.8	
68	Less than 2.0 % of mass 69	0.9	(1.8)1
69	Mass 69 relative abundance	49.0	
70	Less than 2.0 % of mass 69	0.7	(1.3)1
127	40.0 - 60.0 % of mass 198	58.0	
197	Less than 1.0 % of mass 198	1.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.5	
275	10.0 - 30.0 % of mass 198	26.0	
365	Greater than 1.0 % of mass 198	4.5	
441	Present but less than mass 443	10.0	(70.6)3
442	Greater than 40.0 % of mass 198	72.7	
443	17.0 - 23.0 % of mass 442	14.2	(19.5)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-182384/2	z2369.d	09/20/2013	05:45
PMP-6SE-VD	460-62993-1	z2370.d	09/20/2013	06:14
PMP-6SE-WT	460-62993-2	z2371.d	09/20/2013	06:39
PMP-6SE-SI	460-62993-3	z2372.d	09/20/2013	07:03
PMP-5SE-VD	460-62993-4	z2373.d	09/20/2013	07:28
PMP-5SE-WT	460-62993-5	z2374.d	09/20/2013	07:53
PMP-5SE-SI	460-62993-6	z2375.d	09/20/2013	08:18
PMP-8SE-VD	460-62993-8	z2376.d	09/20/2013	08:43
PMP-8SE-WT	460-62993-9	z2377.d	09/20/2013	09:07
PMP-32SE-VD	460-62993-38	z2379.d	09/20/2013	09:57
PMP-4SE-VS	460-62993-10	z2393.d	09/20/2013	15:49
PMP-8SE-VS	460-62993-7	z2395.d	09/20/2013	16:38

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: z2474.d DFTPP Injection Date: 09/23/2013

Instrument ID: BNAMS11 DFTPP Injection Time: 03:50

Analysis Batch No.: 182720

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	53.8	
68	Less than 2.0 % of mass 69	0.9	(1.7)1
69	Mass 69 relative abundance	53.6	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	57.3	
197	Less than 1.0 % of mass 198	0.9	
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	26.2	
365	Greater than 1.0 % of mass 198	4.1	
441	Present but less than mass 443	10.7	(77.5)3
442	Greater than 40.0 % of mass 198	69.5	
443	17.0 - 23.0 % of mass 442	13.8	(19.9)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-182720/2	z2475.d	09/23/2013	04:12
	460-62433-A-7-A MS	z2493.d	09/23/2013	11:51
	460-62433-A-7-B MSD	z2494.d	09/23/2013	12:16

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: x5043.d DFTPP Injection Date: 09/10/2013

Instrument ID: BNAMS5 DFTPP Injection Time: 16:20

Analysis Batch No.: 180686

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	35.8	
68	Less than 2.0 % of mass 69	0.7	(1.5)1
69	Mass 69 relative abundance	45.5	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	52.2	
197	Less than 1.0 % of mass 198	0.4	
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	28.3	
365	Greater than 1.0 % of mass 198	3.4	
441	Present but less than mass 443	12.0	(75.0)3
442	Greater than 40.0 % of mass 198	80.5	
443	17.0 - 23.0 % of mass 442	16.0	(19.8)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-180686/2	x5044.d	09/10/2013	16:38
	IC 460-180686/3	x5045.d	09/10/2013	17:08
	IC 460-180686/4	x5046.d	09/10/2013	17:34
	IC 460-180686/5	x5047.d	09/10/2013	17:59
	IC 460-180686/6	x5048.d	09/10/2013	18:25
	IC 460-180686/7	x5049.d	09/10/2013	18:50

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: x5330.d DFTPP Injection Date: 09/18/2013

Instrument ID: BNAMS5 DFTPP Injection Time: 05:15

Analysis Batch No.: 181988

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	37.3	
68	Less than 2.0 % of mass 69	0.3	(0.5)1
69	Mass 69 relative abundance	47.2	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	52.1	
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	6.5	
275	10.0 - 30.0 % of mass 198	27.3	
365	Greater than 1.0 % of mass 198	3.8	
441	Present but less than mass 443	10.7	(75.4)3
442	Greater than 40.0 % of mass 198	72.2	
443	17.0 - 23.0 % of mass 442	14.3	(19.7)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-181988/2	x5331.d	09/18/2013	05:29
	LCS 460-181707/2-A	x5332.d	09/18/2013	05:58
	LCS 460-181718/2-A	x5333.d	09/18/2013	06:24
	MB 460-181707/1-A	x5334.d	09/18/2013	06:50
	MB 460-181718/1-A	x5335.d	09/18/2013	07:16

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: x5360.d DFTPP Injection Date: 09/18/2013

Instrument ID: BNAMS5 DFTPP Injection Time: 18:31

Analysis Batch No.: 182214

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	40.4	
68	Less than 2.0 % of mass 69	0.7	(1.5)1
69	Mass 69 relative abundance	50.4	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	55.9	
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	27.0	
365	Greater than 1.0 % of mass 198	4.0	
441	Present but less than mass 443	9.6	(72.3)3
442	Greater than 40.0 % of mass 198	69.9	
443	17.0 - 23.0 % of mass 442	13.3	(19.1)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-182214/2	x5361.d	09/18/2013	18:54
PMP-15SE-VD MS	460-62993-30 MS	x5364.d	09/18/2013	20:49
PMP-15SE-VD MSD	460-62993-30 MSD	x5365.d	09/18/2013	21:14
PMP-15SE-VD	460-62993-30	x5368.d	09/18/2013	22:30
PMP-15SE-SI	460-62993-32	x5369.d	09/18/2013	22:56
PMP-15SE-SD	460-62993-33	x5370.d	09/18/2013	23:21
PMP-31SE-VD	460-62993-35	x5371.d	09/18/2013	23:47
PMP-31SE-WT	460-62993-36	x5372.d	09/19/2013	00:12
DUP1-091313	460-62993-41	x5373.d	09/19/2013	00:38
DUP2-091313	460-62993-42	x5374.d	09/19/2013	01:04
DUP3-091313	460-62993-43	x5375.d	09/19/2013	01:29
PMP-32SE-WT	460-62993-39	x5378.d	09/19/2013	02:46
DUP-091313	460-62993-40	x5379.d	09/19/2013	03:12
PMP-31SE-VS	460-62993-34	x5382.d	09/19/2013	04:28
PMP-32SE-VS	460-62993-37	x5383.d	09/19/2013	04:54

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: 112632.D DFTPP Injection Date: 09/16/2013

Instrument ID: CBNAMS12 DFTPP Injection Time: 14:35

Analysis Batch No.: 181568

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	34.5	
68	Less than 2.0 % of mass 69	0.6	(1.7)1
69	Mass 69 relative abundance	37.1	
70	Less than 2.0 % of mass 69	0.2	(0.4)1
127	40.0 - 60.0 % of mass 198	45.2	
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	28.1	
365	Greater than 1.0 % of mass 198	4.4	
441	Present but less than mass 443	21.8	(84.3)3
442	Greater than 40.0 % of mass 198	134.5	
443	17.0 - 23.0 % of mass 442	25.9	(19.2)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-181568/2	112633.D	09/16/2013	14:58
	IC 460-181568/3	112634.D	09/16/2013	15:26
	IC 460-181568/4	112635.D	09/16/2013	15:55
	IC 460-181568/5	112636.D	09/16/2013	16:23
	IC 460-181568/6	112637.D	09/16/2013	16:51
	IC 460-181568/7	112638.D	09/16/2013	17:20
	IC 460-181568/8	112639.D	09/16/2013	17:48
	IC 460-181568/9	112640.D	09/16/2013	18:17
	IC 460-181568/10	112641.D	09/16/2013	18:45
	IC 460-181568/11	112642.D	09/16/2013	19:13
	IC 460-181568/12	112643.D	09/16/2013	19:42
	IC 460-181568/13	112644.D	09/16/2013	20:10

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: 112693.D DFTPP Injection Date: 09/19/2013

Instrument ID: CBNAMS12 DFTPP Injection Time: 11:54

Analysis Batch No.: 182161

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	33.8	
68	Less than 2.0 % of mass 69	0.6	(1.8)1
69	Mass 69 relative abundance	36.2	
70	Less than 2.0 % of mass 69	0.2	(0.5)1
127	40.0 - 60.0 % of mass 198	44.5	
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	29.1	
365	Greater than 1.0 % of mass 198	4.5	
441	Present but less than mass 443	21.8	(82.0)3
442	Greater than 40.0 % of mass 198	138.7	
443	17.0 - 23.0 % of mass 442	26.5	(19.1)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-182161/2	112694.D	09/19/2013	12:11
	CCV 460-182161/3	112695.D	09/19/2013	12:45
	MB 460-181712/1-A	112697.D	09/19/2013	13:55
	LCS 460-181712/2-A	112699.D	09/19/2013	15:05
PMP-4SE-VD	460-62993-11	112700.D	09/19/2013	15:33
PMP-4SE-VD MS	460-62993-11 MS	112701.D	09/19/2013	16:01
PMP-4SE-VD MSD	460-62993-11 MSD	112702.D	09/19/2013	16:30
PMP-14SE-WT	460-62993-15	112703.D	09/19/2013	16:58
PMP-25SE-VD	460-62993-17	112704.D	09/19/2013	17:27
PMP-25SE-WT	460-62993-18	112705.D	09/19/2013	17:55
PMP-10SE-WT	460-62993-23	112707.D	09/19/2013	18:52
PMP-10SE-SI	460-62993-24	112708.D	09/19/2013	19:21
PMP-10SE-SD	460-62993-25	112709.D	09/19/2013	19:49
PMP-13SE-SI	460-62993-28	112710.D	09/19/2013	20:17
PMP-13SE-SD	460-62993-29	112711.D	09/19/2013	20:46
PMP-15SE-WT	460-62993-31	112712.D	09/19/2013	21:14
PMP-4SE-WT	460-62993-12	112713.D	09/19/2013	21:43
PMP-14SE-VD	460-62993-14	112714.D	09/19/2013	22:11
PMP-13SE-VD	460-62993-26	112715.D	09/19/2013	22:40
PMP-25SE-VS	460-62993-16	112716.D	09/19/2013	23:08
PMP-14SE-VS	460-62993-13	112717.D	09/19/2013	23:36

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: 112719.D DFTPP Injection Date: 09/20/2013

Instrument ID: CBNAMS12 DFTPP Injection Time: 01:16

Analysis Batch No.: 182283

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	35.4	
68	Less than 2.0 % of mass 69	0.6	(1.7)1
69	Mass 69 relative abundance	37.5	
70	Less than 2.0 % of mass 69	0.2	(0.5)1
127	40.0 - 60.0 % of mass 198	45.6	
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	28.8	
365	Greater than 1.0 % of mass 198	4.6	
441	Present but less than mass 443	19.7	(82.1)3
442	Greater than 40.0 % of mass 198	126.0	
443	17.0 - 23.0 % of mass 442	24.1	(19.1)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-182283/2	112720.D	09/20/2013	01:45
	CCV 460-182283/3	112721.D	09/20/2013	02:17
PMP-7SE-VD DL	460-62993-19 DL	112734.D	09/20/2013	08:24
PMP-7SE-WT	460-62993-20	112735.D	09/20/2013	08:52
PMP-13SE-WT DL	460-62993-27 DL	112736.D	09/20/2013	09:20
PMP-10SE-VD	460-62993-22	112737.D	09/20/2013	09:49

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: 112745.D DFTPP Injection Date: 09/20/2013

Instrument ID: CBNAMS12 DFTPP Injection Time: 14:40

Analysis Batch No.: 182394

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	37.3	
68	Less than 2.0 % of mass 69	0.7	(1.7)1
69	Mass 69 relative abundance	38.6	
70	Less than 2.0 % of mass 69	0.1	(0.3)1
127	40.0 - 60.0 % of mass 198	47.5	
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	6.8	
275	10.0 - 30.0 % of mass 198	27.4	
365	Greater than 1.0 % of mass 198	4.1	
441	Present but less than mass 443	18.3	(79.3)3
442	Greater than 40.0 % of mass 198	117.5	
443	17.0 - 23.0 % of mass 442	23.1	(19.7)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-182394/2	112746.D	09/20/2013	14:58
	CCV 460-182394/3	112747.D	09/20/2013	15:30
	MB 460-182330/1-A	112761.D	09/20/2013	22:11

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: 112775.D DFTPP Injection Date: 09/21/2013

Instrument ID: CBNAMS12 DFTPP Injection Time: 10:02

Analysis Batch No.: 182469

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	36.9	
68	Less than 2.0 % of mass 69	0.7	(1.8)1
69	Mass 69 relative abundance	39.4	
70	Less than 2.0 % of mass 69	0.2	(0.5)1
127	40.0 - 60.0 % of mass 198	46.6	
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	27.3	
365	Greater than 1.0 % of mass 198	3.9	
441	Present but less than mass 443	18.5	(80.8)3
442	Greater than 40.0 % of mass 198	118.4	
443	17.0 - 23.0 % of mass 442	22.8	(19.3)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-182469/2	112776.D	09/21/2013	10:23
	CCV 460-182469/3	112777.D	09/21/2013	10:52
	460-63294-E-2-B MS	112780.D	09/21/2013	12:33
	460-63294-E-2-C MSD	112781.D	09/21/2013	13:02
PMP-7SE-SI	460-62993-21	112788.D	09/21/2013	16:21

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: L112834.D DFTPP Injection Date: 09/23/2013

Instrument ID: CBNAMS12 DFTPP Injection Time: 08:58

Analysis Batch No.: 182639

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	32.6	
68	Less than 2.0 % of mass 69	0.6	(1.8)1
69	Mass 69 relative abundance	35.7	
70	Less than 2.0 % of mass 69	0.2	(0.6)1
127	40.0 - 60.0 % of mass 198	44.2	
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	28.8	
365	Greater than 1.0 % of mass 198	4.5	
441	Present but less than mass 443	21.7	(80.3)3
442	Greater than 40.0 % of mass 198	139.4	
443	17.0 - 23.0 % of mass 442	27.0	(19.4)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-182639/2	L112835.D	09/23/2013	09:21
	CCV 460-182639/3	L112836.D	09/23/2013	09:54
	LCS 460-182330/2-A	L112837.D	09/23/2013	10:23

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: M68895.D DFTPP Injection Date: 08/31/2013

Instrument ID: CBNAMS6 DFTPP Injection Time: 10:55

Analysis Batch No.: 179169

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	56.7	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	78.8	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	52.0	
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	6.7	
275	10.0 - 30.0 % of mass 198	20.3	
365	Greater than 1.0 % of mass 198	2.7	
441	Present but less than mass 443	9.1	(80.5)3
442	Greater than 40.0 % of mass 198	61.3	
443	17.0 - 23.0 % of mass 442	11.3	(18.4)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-179169/2	M68896.D	08/31/2013	11:13
	IC 460-179169/3	M68897.D	08/31/2013	11:36
	IC 460-179169/4	M68898.D	08/31/2013	11:59
	IC 460-179169/5	M68899.D	08/31/2013	12:21
	IC 460-179169/6	M68900.D	08/31/2013	12:44
	IC 460-179169/7	M68901.D	08/31/2013	13:07

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: M69497.D DFTPP Injection Date: 09/18/2013

Instrument ID: CBNAMS6 DFTPP Injection Time: 02:30

Analysis Batch No.: 181879

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	53.8	
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	0.4	(0.5)1
127	40.0 - 60.0 % of mass 198	51.3	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.0	
275	10.0 - 30.0 % of mass 198	19.4	
365	Greater than 1.0 % of mass 198	2.5	
441	Present but less than mass 443	10.2	(80.9)3
442	Greater than 40.0 % of mass 198	64.5	
443	17.0 - 23.0 % of mass 442	12.7	(19.6)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-181879/2	M69498.D	09/18/2013	02:48
	MB 460-181730/1-A	M69516.D	09/18/2013	10:33

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: M69527.D DFTPP Injection Date: 09/18/2013

Instrument ID: CBNAMS6 DFTPP Injection Time: 15:39

Analysis Batch No.: 182022

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	52.8	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	74.4	
70	Less than 2.0 % of mass 69	0.3	(0.4)1
127	40.0 - 60.0 % of mass 198	50.0	
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	7.1	
275	10.0 - 30.0 % of mass 198	19.1	
365	Greater than 1.0 % of mass 198	2.6	
441	Present but less than mass 443	9.9	(78.8)3
442	Greater than 40.0 % of mass 198	62.8	
443	17.0 - 23.0 % of mass 442	12.5	(19.9)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-182022/2	M69528.D	09/18/2013	15:57
	LCS 460-181730/2-A	M69533.D	09/18/2013	18:28

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: M69584.D DFTPP Injection Date: 09/20/2013

Instrument ID: CBNAMS6 DFTPP Injection Time: 00:54

Analysis Batch No.: 182282

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	45.4	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	66.9	
70	Less than 2.0 % of mass 69	0.2	(0.2)1
127	40.0 - 60.0 % of mass 198	47.3	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.4	
275	10.0 - 30.0 % of mass 198	21.0	
365	Greater than 1.0 % of mass 198	2.6	
441	Present but less than mass 443	12.6	(76.5)3
442	Greater than 40.0 % of mass 198	82.3	
443	17.0 - 23.0 % of mass 442	16.5	(20.0)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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 460-182282/2	M69585.D	09/20/2013	01:11
	LCSD 460-181730/3-A	M69606.D	09/20/2013	09:08
FB-091313	460-62993-44	M69607.D	09/20/2013	09:30

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182384/2 Date Analyzed: 09/20/2013 05:45

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z2369.d Heated Purge: (Y/N) N

Calibration ID: 29838

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		317383	4.47	1146515	5.76	498782	7.51
UPPER LIMIT		634766	4.97	2293030	6.26	997564	8.01
LOWER LIMIT		158692	3.97	573258	5.26	249391	7.01
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-62993-1	PMP-6SE-VD	329982	4.47	1287083	5.75	637934	7.51
460-62993-2	PMP-6SE-WT	295039	4.46	1027761	5.75	478414	7.53
460-62993-3	PMP-6SE-SI	357157	4.46	1305662	5.75	585929	7.51
460-62993-4	PMP-5SE-VD	306835	4.47	1205137	5.75	600129	7.51
460-62993-5	PMP-5SE-WT	311687	4.46	1124239	5.75	473135	7.51
460-62993-6	PMP-5SE-SI	302990	4.46	1100192	5.75	453998	7.51
460-62993-8	PMP-8SE-VD	352900	4.46	1334054	5.75	654133	7.51
460-62993-9	PMP-8SE-WT	334110	4.46	1265360	5.75	621126	7.51
460-62993-38	PMP-32SE-VD	315899	4.46	1146224	5.75	487586	7.51
460-62993-10	PMP-4SE-VS	316035	4.46	1115685	5.75	448117	7.50
460-62993-7	PMP-8SE-VS	280656	4.46	923411	5.75	336935	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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182384/2 Date Analyzed: 09/20/2013 05:45

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z2369.d Heated Purge: (Y/N) N

Calibration ID: 29838

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		542973	8.98	228659	11.78	186770	13.73
UPPER LIMIT		1085946	9.48	457318	12.28	373540	14.23
LOWER LIMIT		271487	8.48	114330	11.28	93385	13.23
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-62993-1	PMP-6SE-VD	829900	8.98	323641	11.78	228476	13.73
460-62993-2	PMP-6SE-WT	631312	9.01	306840	11.78	261719	13.73
460-62993-3	PMP-6SE-SI	676125	8.98	313999	11.78	240806	13.73
460-62993-4	PMP-5SE-VD	770069	8.97	300238	11.78	212268	13.73
460-62993-5	PMP-5SE-WT	514689	8.99	275590	11.78	232871	13.73
460-62993-6	PMP-5SE-SI	483685	8.99	252212	11.78	217591	13.73
460-62993-8	PMP-8SE-VD	789376	8.98	309075	11.78	240129	13.73
460-62993-9	PMP-8SE-WT	769055	8.97	316371	11.78	235335	13.73
460-62993-38	PMP-32SE-VD	511798	8.97	231559	11.78	212646	13.73
460-62993-10	PMP-4SE-VS	468539	8.98	208072	11.78	197794	13.73
460-62993-7	PMP-8SE-VS	339542	8.97	201975	11.78	245344	13.73

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182720/2 Date Analyzed: 09/23/2013 04:12

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z2475.d Heated Purge: (Y/N) N

Calibration ID: 29838

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		309167	4.44	1032789	5.72	445041	7.48
UPPER LIMIT		618334	4.94	2065578	6.22	890082	7.98
LOWER LIMIT		154584	3.94	516395	5.22	222521	6.98
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-62433-A-7-A MS		276428	4.43	942578	5.72	389181	7.48
460-62433-A-7-B MSD		289795	4.43	977166	5.72	402633	7.48

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182720/2 Date Analyzed: 09/23/2013 04:12

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z2475.d Heated Purge: (Y/N) N

Calibration ID: 29838

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		536442	8.95	229772	11.75	173089	13.69
UPPER LIMIT		1072884	9.45	459544	12.25	346178	14.19
LOWER LIMIT		268221	8.45	114886	11.25	86545	13.19
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-62433-A-7-A MS		442727	8.94	232997	11.74	216948	13.69
460-62433-A-7-B MSD		445038	8.94	238973	11.74	221447	13.69

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-181988/2 Date Analyzed: 09/18/2013 05:29

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x5331.d Heated Purge: (Y/N) N

Calibration ID: 29467

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		421577	3.43	1293740	4.73	554265	6.48
UPPER LIMIT		843154	3.93	2587480	5.23	1108530	6.98
LOWER LIMIT		210789	2.93	646870	4.23	277133	5.98
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-181707/2-A		393261	3.43	1428991	4.73	661321	6.48
LCS 460-181718/2-A		412994	3.43	1496452	4.73	684295	6.48
MB 460-181707/1-A		413740	3.43	1487152	4.73	726343	6.48
MB 460-181718/1-A		451971	3.43	1601131	4.73	836374	6.48

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-181988/2 Date Analyzed: 09/18/2013 05:29

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x5331.d Heated Purge: (Y/N) N

Calibration ID: 29467

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		643924	7.92	335771	10.51	285116	12.16
UPPER LIMIT		1287848	8.42	671542	11.01	570232	12.66
LOWER LIMIT		321962	7.42	167886	10.01	142558	11.66
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-181707/2-A		769434	7.92	411673	10.51	354534	12.16
LCS 460-181718/2-A		800065	7.92	477619	10.51	415872	12.16
MB 460-181707/1-A		959101	7.92	457190	10.50	342320	12.16
MB 460-181718/1-A		1122566	7.92	531043	10.50	400538	12.16

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182214/2 Date Analyzed: 09/18/2013 18:54

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x5361.d Heated Purge: (Y/N) N

Calibration ID: 29467

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		457309	3.41	1587164	4.71	658136	6.46
UPPER LIMIT		914618	3.91	3174328	5.21	1316272	6.96
LOWER LIMIT		228655	2.91	793582	4.21	329068	5.96
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-62993-30 MS	PMP-15SE-VD MS	499290	3.41	1761398	4.71	816513	6.46
460-62993-30 MSD	PMP-15SE-VD MSD	439524	3.41	1593394	4.71	743914	6.46
460-62993-30	PMP-15SE-VD	491037	3.41	1717925	4.71	848561	6.45
460-62993-32	PMP-15SE-SI	407613	3.41	1451965	4.71	706246	6.45
460-62993-33	PMP-15SE-SD	438119	3.41	1546043	4.71	731809	6.45
460-62993-35	PMP-31SE-VD	412315	3.41	1480635	4.71	725509	6.45
460-62993-36	PMP-31SE-WT	432696	3.41	1499154	4.71	725795	6.45
460-62993-41	DUP1-091313	426152	3.41	1496122	4.71	740712	6.45
460-62993-42	DUP2-091313	458080	3.41	1624104	4.71	806130	6.45
460-62993-43	DUP3-091313	425449	3.41	1511692	4.71	726185	6.45
460-62993-39	PMP-32SE-WT	463215	3.41	1464552	4.71	673913	6.45
460-62993-40	DUP-091313	397675	3.41	1394787	4.71	629010	6.45
460-62993-34	PMP-31SE-VS	432976	3.41	1517989	4.71	662771	6.45
460-62993-37	PMP-32SE-VS	393952	3.41	1329863	4.71	560028	6.45

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182214/2 Date Analyzed: 09/18/2013 18:54

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): x5361.d Heated Purge: (Y/N) N

Calibration ID: 29467

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		813545	7.90	427342	10.49	322956	12.12
UPPER LIMIT		1627090	8.40	854684	10.99	645912	12.62
LOWER LIMIT		406773	7.40	213671	9.99	161478	11.62
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-62993-30 MS	PMP-15SE-VD MS	903555	7.90	530041	10.48	461856	12.12
460-62993-30 MSD	PMP-15SE-VD MSD	919705	7.90	529227	10.48	459870	12.12
460-62993-30	PMP-15SE-VD	948543	7.89	501823	10.48	411072	12.12
460-62993-32	PMP-15SE-SI	832666	7.89	436367	10.48	350718	12.12
460-62993-33	PMP-15SE-SD	807859	7.89	411814	10.48	330474	12.12
460-62993-35	PMP-31SE-VD	867810	7.89	453270	10.48	369066	12.12
460-62993-36	PMP-31SE-WT	816703	7.89	385657	10.48	317714	12.12
460-62993-41	DUP1-091313	882351	7.89	400884	10.48	332964	12.12
460-62993-42	DUP2-091313	879030	7.89	425290	10.48	345705	12.12
460-62993-43	DUP3-091313	851948	7.89	413247	10.48	345904	12.12
460-62993-39	PMP-32SE-WT	747337	7.89	395827	10.48	344889	12.12
460-62993-40	DUP-091313	682863	7.89	369758	10.48	328270	12.12
460-62993-34	PMP-31SE-VS	643818	7.89	364526	10.48	330564	12.12
460-62993-37	PMP-32SE-VS	593507	7.89	343886	10.48	331023	12.12

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182161/2 Date Analyzed: 09/19/2013 12:11

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): 112694.D Heated Purge: (Y/N) N

Calibration ID: 29833

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		502656	3.14	1847546	4.46	946338	6.22
UPPER LIMIT		1005312	3.64	3695092	4.96	1892676	6.72
LOWER LIMIT		251328	2.64	923773	3.96	473169	5.72
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-181712/1-A		591598	3.15	2232845	4.46	1217982	6.22
LCS 460-181712/2-A		695999	3.14	2573951	4.46	1354628	6.22
460-62993-11	PMP-4SE-VD	495153	3.14	1861111	4.46	1000997	6.22
460-62993-11 MS	PMP-4SE-VD MS	662305	3.15	2494939	4.46	1323491	6.22
460-62993-11 MSD	PMP-4SE-VD MSD	596440	3.15	2180359	4.46	1154726	6.22
460-62993-15	PMP-14SE-WT	561559	3.14	2141329	4.46	1177236	6.22
460-62993-17	PMP-25SE-VD	586890	3.14	2242599	4.46	1204442	6.22
460-62993-18	PMP-25SE-WT	539377	3.14	2074925	4.46	1155624	6.22
460-62993-23	PMP-10SE-WT	495545	3.14	1864933	4.46	979385	6.22
460-62993-24	PMP-10SE-SI	556040	3.14	2089771	4.46	1149375	6.22
460-62993-25	PMP-10SE-SD	567004	3.14	2134611	4.46	1129074	6.22
460-62993-28	PMP-13SE-SI	517276	3.14	1947197	4.46	1075444	6.22
460-62993-29	PMP-13SE-SD	544247	3.14	2017300	4.46	1068188	6.22
460-62993-31	PMP-15SE-WT	569953	3.15	2159409	4.46	1153227	6.22
460-62993-12	PMP-4SE-WT	524492	3.15	1988183	4.46	1079581	6.22
460-62993-14	PMP-14SE-VD	560270	3.14	2142264	4.46	1165666	6.22
460-62993-26	PMP-13SE-VD	528279	3.15	2037776	4.46	1091667	6.22
460-62993-16	PMP-25SE-VS	505715	3.14	1939078	4.46	1044348	6.22
460-62993-13	PMP-14SE-VS	538969	3.14	1973794	4.46	1040933	6.22

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182161/2 Date Analyzed: 09/19/2013 12:11

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): 112694.D Heated Purge: (Y/N) N

Calibration ID: 29833

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1346576	7.66	1151266	10.22	1271100	11.80
UPPER LIMIT		2693152	8.16	2302532	10.72	2542200	12.30
LOWER LIMIT		673288	7.16	575633	9.72	635550	11.30
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-181712/1-A		1899120	7.66	1554550	10.22	1395412	11.80
LCS 460-181712/2-A		2039390	7.66	1725778	10.22	1627160	11.80
460-62993-11	PMP-4SE-VD	1544111	7.66	1383576	10.22	1294765	11.80
460-62993-11 MS	PMP-4SE-VD MS	1923932	7.66	1482632	10.22	1370896	11.80
460-62993-11 MSD	PMP-4SE-VD MSD	1745866	7.66	1600762	10.22	1540180	11.80
460-62993-15	PMP-14SE-WT	1801620	7.66	1318956	10.22	1172099	11.80
460-62993-17	PMP-25SE-VD	1823292	7.66	1523104	10.22	1365079	11.80
460-62993-18	PMP-25SE-WT	1864852	7.66	1508664	10.22	1274712	11.80
460-62993-23	PMP-10SE-WT	1478118	7.66	1357212	10.22	1354576	11.80
460-62993-24	PMP-10SE-SI	1814241	7.66	1474600	10.22	1301015	11.80
460-62993-25	PMP-10SE-SD	1706963	7.66	1387072	10.22	1377254	11.80
460-62993-28	PMP-13SE-SI	1675655	7.66	1452287	10.22	1324203	11.80
460-62993-29	PMP-13SE-SD	1656496	7.66	1359367	10.22	1309340	11.80
460-62993-31	PMP-15SE-WT	1765092	7.66	1363962	10.22	1270879	11.80
460-62993-12	PMP-4SE-WT	1641285	7.66	1366953	10.22	1254844	11.80
460-62993-14	PMP-14SE-VD	1800610	7.66	1325216	10.22	1239333	11.80
460-62993-26	PMP-13SE-VD	1675502	7.66	1353735	10.22	1263676	11.80
460-62993-16	PMP-25SE-VS	1594658	7.66	1256010	10.22	1157787	11.80
460-62993-13	PMP-14SE-VS	1557712	7.66	1314205	10.22	1643256	11.80

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 VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182283/2 Date Analyzed: 09/20/2013 01:45

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): 112720.D Heated Purge: (Y/N) N

Calibration ID: 29833

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		442502	3.13	1619069	4.46	847998	6.22
UPPER LIMIT		885004	3.63	3238138	4.96	1695996	6.72
LOWER LIMIT		221251	2.63	809535	3.96	423999	5.72
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-62993-19 DL	PMP-7SE-VD DL	321662	3.14	1256146	4.46	679975	6.22
460-62993-20	PMP-7SE-WT	464682	3.14	1771653	4.46	918206	6.22
460-62993-27 DL	PMP-13SE-WT DL	438698	3.14	1697064	4.46	889230	6.22
460-62993-22	PMP-10SE-VD	376318	3.14	1448220	4.46	779949	6.22

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182283/2 Date Analyzed: 09/20/2013 01:45

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): 112720.D Heated Purge: (Y/N) N

Calibration ID: 29833

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1317952	7.66	1080227	10.22	999037	11.80
UPPER LIMIT		2635904	8.16	2160454	10.72	1998074	12.30
LOWER LIMIT		658976	7.16	540114	9.72	499519	11.30
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-62993-19 DL	PMP-7SE-VD DL	1053712	7.66	1005785	10.22	1195161	11.80
460-62993-20	PMP-7SE-WT	1383239	7.66	1281135	10.22	1510354	11.80
460-62993-27 DL	PMP-13SE-WT DL	1303847	7.66	1224686	10.22	1404535	11.80
460-62993-22	PMP-10SE-VD	1229117	7.66	1146550	10.22	1225847	11.80

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 VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182394/2 Date Analyzed: 09/20/2013 14:58

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): 112746.D Heated Purge: (Y/N) N

Calibration ID: 29833

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		585658	3.12	2117528	4.45	1079723	6.20
UPPER LIMIT		1171316	3.62	4235056	4.95	2159446	6.70
LOWER LIMIT		292829	2.62	1058764	3.95	539862	5.70
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-182330/1-A		695329	3.12	2580738	4.44	1341706	6.19

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182394/2 Date Analyzed: 09/20/2013 14:58

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): 112746.D Heated Purge: (Y/N) N

Calibration ID: 29833

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1542503	7.64	1301288	10.20	1298823	11.78
UPPER LIMIT		3085006	8.14	2602576	10.70	2597646	12.28
LOWER LIMIT		771252	7.14	650644	9.70	649412	11.28
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-182330/1-A		2001442	7.63	1517637	10.20	1348702	11.78

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182469/2 Date Analyzed: 09/21/2013 10:23

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): 112776.D Heated Purge: (Y/N) N

Calibration ID: 29833

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		454482	3.10	1708278	4.42	927988	6.18
UPPER LIMIT		908964	3.60	3416556	4.92	1855976	6.68
LOWER LIMIT		227241	2.60	854139	3.92	463994	5.68
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-63294-E-2-B MS		686835	3.11	2587008	4.43	1388613	6.18
460-63294-E-2-C MSD		738809	3.11	2830695	4.43	1579350	6.18
460-62993-21	PMP-7SE-SI	646146	3.10	2363815	4.42	1121522	6.19

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182469/2 Date Analyzed: 09/21/2013 10:23

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): 112776.D Heated Purge: (Y/N) N

Calibration ID: 29833

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1438704	7.62	1317158	10.18	1410367	11.74
UPPER LIMIT		2877408	8.12	2634316	10.68	2820734	12.24
LOWER LIMIT		719352	7.12	658579	9.68	705184	11.24
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-63294-E-2-B MS		2002415	7.62	1612020	10.18	1461741	11.74
460-63294-E-2-C MSD		2325810	7.62	1706078	10.18	1447781	11.75
460-62993-21	PMP-7SE-SI	1415301	7.64	1369500	10.18	1356439	11.75

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182639/2 Date Analyzed: 09/23/2013 09:21

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): L112835.D Heated Purge: (Y/N) N

Calibration ID: 29833

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		487807	3.07	1828040	4.40	970471	6.15
UPPER LIMIT		975614	3.57	3656080	4.90	1940942	6.65
LOWER LIMIT		243904	2.57	914020	3.90	485236	5.65
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-182330/2-A		694721	3.07	2583731	4.40	1337240	6.15

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182639/2 Date Analyzed: 09/23/2013 09:21

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): L112835.D Heated Purge: (Y/N) N

Calibration ID: 29833

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1436367	7.59	1293818	10.15	1495787	11.71
UPPER LIMIT		2872734	8.09	2587636	10.65	2991574	12.21
LOWER LIMIT		718184	7.09	646909	9.65	747894	11.21
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-182330/2-A		1904622	7.59	1580790	10.15	1392741	11.71

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-181879/2 Date Analyzed: 09/18/2013 02:48

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M69498.D Heated Purge: (Y/N) N

Calibration ID: 28826

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		421893	3.81	1359127	5.10	731488	6.85
UPPER LIMIT		843786	4.31	2718254	5.60	1462976	7.35
LOWER LIMIT		210947	3.31	679564	4.60	365744	6.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-181730/1-A		394064	3.80	1249721	5.09	764115	6.84

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-181879/2 Date Analyzed: 09/18/2013 02:48

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M69498.D Heated Purge: (Y/N) N

Calibration ID: 28826

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		984579	8.30	591272	10.94	532591	12.70
UPPER LIMIT		1969158	8.80	1182544	11.44	1065182	13.20
LOWER LIMIT		492290	7.80	295636	10.44	266296	12.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-181730/1-A		1072849	8.30	559413	10.93	510189	12.69

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182022/2 Date Analyzed: 09/18/2013 15:57

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M69528.D Heated Purge: (Y/N) N

Calibration ID: 28826

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		327645	3.79	1154333	5.08	695845	6.84
UPPER LIMIT		655290	4.29	2308666	5.58	1391690	7.34
LOWER LIMIT		163823	3.29	577167	4.58	347923	6.34
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-181730/2-A		450155	3.79	1517452	5.09	849293	6.84

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182022/2 Date Analyzed: 09/18/2013 15:57

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M69528.D Heated Purge: (Y/N) N

Calibration ID: 28826

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1018672	8.29	658476	10.93	547605	12.68
UPPER LIMIT		2037344	8.79	1316952	11.43	1095210	13.18
LOWER LIMIT		509336	7.79	329238	10.43	273803	12.18
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-181730/2-A		1306669	8.29	871991	10.92	693014	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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182282/2 Date Analyzed: 09/20/2013 01:11

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M69585.D Heated Purge: (Y/N) N

Calibration ID: 28826

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		433288	3.79	1389484	5.09	809254	6.83
UPPER LIMIT		866576	4.29	2778968	5.59	1618508	7.33
LOWER LIMIT		216644	3.29	694742	4.59	404627	6.33
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCSD 460-181730/3-A		536432	3.79	1729212	5.09	985246	6.83
460-62993-44	FB-091313	523432	3.78	1648815	5.08	986735	6.83

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.: 460-62993-1

SDG No.:

Sample No.: CCVIS 460-182282/2 Date Analyzed: 09/20/2013 01:11

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M69585.D Heated Purge: (Y/N) N

Calibration ID: 28826

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1210709	8.28	709127	10.93	631567	12.68
UPPER LIMIT		2421418	8.78	1418254	11.43	1263134	13.18
LOWER LIMIT		605355	7.78	354564	10.43	315784	12.18
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCSD 460-181730/3-A		1386233	8.29	900031	10.93	765331	12.68
460-62993-44	FB-091313	1544332	8.28	838666	10.92	763915	12.67

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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-VD | Lab Sample ID: 460-62993-1

Matrix: Solid | Lab File ID: z2370.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:20

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.03(g) | Date Analyzed: 09/20/2013 06:14

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.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	59	U	350	59
106-44-5	4-Methylphenol	69	U	350	69
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	53	U	350	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	35	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
98-95-3	Nitrobenzene	4.9	U	35	4.9
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	42	U	350	42
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	86	U	350	86
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	40	U	350	40
106-47-8	4-Chloroaniline	92	U	350	92
87-68-3	Hexachlorobutadiene	8.5	U	71	8.5
105-60-2	Caprolactam	80	U	350	80
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	710	150
606-20-2	2,6-Dinitrotoluene	10	U	71	10
131-11-3	Dimethyl phthalate	41	U	350	41
208-96-8	Acenaphthylene	41	U	350	41
99-09-2	3-Nitroaniline	120	U	710	120
83-32-9	Acenaphthene	51	U	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-VD | Lab Sample ID: 460-62993-1

Matrix: Solid | Lab File ID: z2370.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:20

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.03(g) | Date Analyzed: 09/20/2013 06:14

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.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1100	220
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	41	U	350	41
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	46	U	350	46
84-74-2	Di-n-butyl phthalate	43	U	350	43
121-14-2	2,4-Dinitrotoluene	11	U	71	11
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
534-52-1	4,6-Dinitro-2-methylphenol	95	U	1100	95
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	54	U	350	54
120-12-7	Anthracene	42	U	350	42
86-74-8	Carbazole	41	U	350	41
85-01-8	Phenanthrene	44	U	350	44
87-86-5	Pentachlorophenol	100	U	1100	100
129-00-0	Pyrene	29	U	350	29
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.6	U	35	2.6
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	350	34
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	350	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-VD Lab Sample ID: 460-62993-1

Matrix: Solid Lab File ID: z2370.d

Analysis Method: 8270C Date Collected: 09/13/2013 08:20

Extract. Method: 3541 Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.03(g) Date Analyzed: 09/20/2013 06:14

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.: 182384 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	70		38-105
4165-62-2	Phenol-d5	82		41-118
1718-51-0	Terphenyl-d14	91		16-151
118-79-6	2,4,6-Tribromophenol	79		10-120
367-12-4	2-Fluorophenol	74		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-VD Lab Sample ID: 460-62993-1

Matrix: Solid Lab File ID: z2370.d

Analysis Method: 8270C Date Collected: 09/13/2013 08:20

Extract. Method: 3541 Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.03(g) Date Analyzed: 09/20/2013 06:14

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.: 182384 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/8270/09-19-13/20sep13.b/z2370.d
Report Date: 20-Sep-2013 15:25

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2370.d
Lab Smp Id: 460-62993-E-1-E Client Smp ID: PMP-6SE-VD
Inj Date : 20-SEP-2013 06:14
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62993-E-1-E
Misc Info : 460-62993-E-1-E
Comment   :
Method   : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/8270C_11.m
Meth Date : 20-Sep-2013 12:31 czhao Quant Type: ISTD
Cal Date : 19-SEP-2013 03:37 Cal File: z2314.d
Als bottle: 3
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	15.03000	Weight of sample extracted (g)
M	5.20833	% 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	3.235	3.188	(0.724)	866035	74.0030	5200
$ 17 Phenol-d5 (SUR)	99	4.099	4.111	(0.917)	1200516	82.0761	5800
* 79 1,4-Dichlorobenzene-d4	152	4.470	4.470	(1.000)	329982	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.017	5.035	(0.873)	523991	34.9703	2400
30 1,2,4-Trichlorobenzene	180	5.688	5.699	(0.990)	1411	0.14063	9.9(a)
* 80 Naphthalene-d8	136	5.746	5.758	(1.000)	1287083	40.0000	
34 2-Methylnaphthalene	142	6.464	6.470	(1.125)	3333	0.15660	11(a)
120 1-Methylnaphthalene	142	6.558	6.570	(1.141)	2927	0.13171	9.2(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.835	6.840	(0.911)	872902	37.0380	2600
125 1,3-Dimethylnaphthalene	156	7.164	7.176	(0.955)	10853	0.62462	44(aH)
* 82 Acenaphthene-d10	164	7.505	7.511	(1.000)	637934	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.287	8.287	(1.104)	179218	79.2867	5600
115 n-Octadecane	57	8.858	8.864	(0.987)	1958	0.11598	8.1(a)

Data File: /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2370.d
Report Date: 20-Sep-2013 15:25

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 83 Phenanthrene-d10	188	8.976	8.976	(1.000)	829900	40.0000	
$ 78 Terphenyl-d14	244	10.558	10.558	(0.896)	483162	45.5527	3200
* 81 Chrysene-d12	240	11.781	11.781	(1.000)	323641	40.0000	
* 84 Perylene-d12	264	13.734	13.734	(1.000)	228476	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: z2370.d

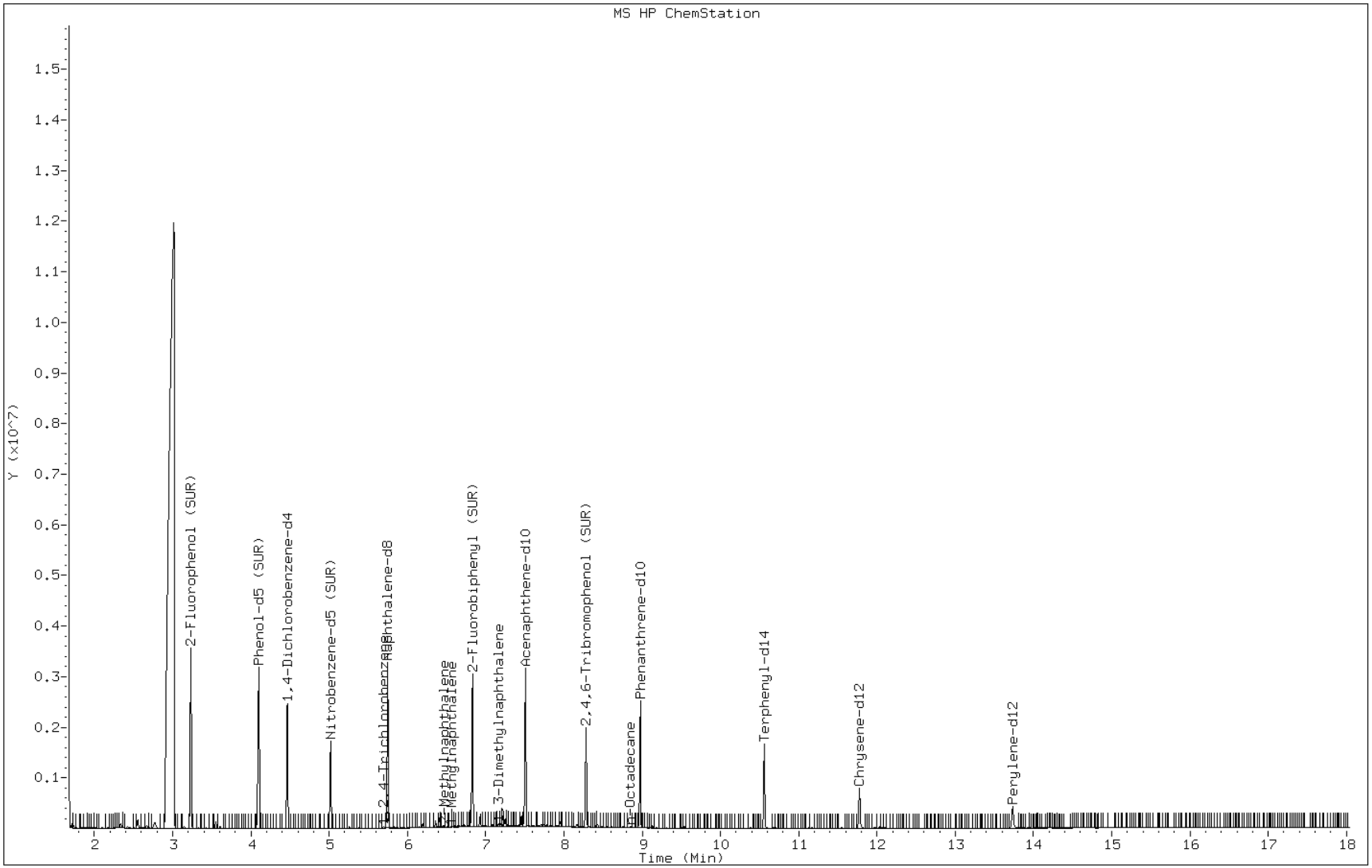
Date: 20-SEP-2013 06:14

Client ID: PMP-6SE-VD

Instrument: BNAMS11.i

Sample Info: 460-62993-E-1-E

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-WT | Lab Sample ID: 460-62993-2

Matrix: Solid | Lab File ID: z2371.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:25

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 06:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	49	U	370	49
95-57-8	2-Chlorophenol	48	U	370	48
95-48-7	2-Methylphenol	62	U	370	62
106-44-5	4-Methylphenol	72	U	370	72
100-52-7	Benzaldehyde	43	U	370	43
98-86-2	Acetophenone	56	U	370	56
111-44-4	Bis(2-chloroethyl)ether	5.0	U	37	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	41	U	370	41
621-64-7	N-Nitrosodi-n-propylamine	6.1	U	37	6.1
98-95-3	Nitrobenzene	5.2	U	37	5.2
67-72-1	Hexachloroethane	4.1	U	37	4.1
78-59-1	Isophorone	44	U	370	44
88-75-5	2-Nitrophenol	41	U	370	41
105-67-9	2,4-Dimethylphenol	90	U	370	90
120-83-2	2,4-Dichlorophenol	54	U	370	54
111-91-1	Bis(2-chloroethoxy)methane	47	U	370	47
91-20-3	Naphthalene	42	U	370	42
106-47-8	4-Chloroaniline	97	U	370	97
87-68-3	Hexachlorobutadiene	8.9	U	74	8.9
105-60-2	Caprolactam	84	U	370	84
59-50-7	4-Chloro-3-methylphenol	55	U	370	55
91-57-6	2-Methylnaphthalene	67	J	370	47
118-74-1	Hexachlorobenzene	5.0	U	37	5.0
77-47-4	Hexachlorocyclopentadiene	43	U	370	43
88-06-2	2,4,6-Trichlorophenol	43	U	370	43
95-95-4	2,4,5-Trichlorophenol	47	U	370	47
92-52-4	Diphenyl	49	U	370	49
91-58-7	2-Chloronaphthalene	41	U	370	41
88-74-4	2-Nitroaniline	150	U	740	150
606-20-2	2,6-Dinitrotoluene	11	U	74	11
131-11-3	Dimethyl phthalate	43	U	370	43
208-96-8	Acenaphthylene	43	U	370	43
99-09-2	3-Nitroaniline	130	U	740	130
83-32-9	Acenaphthene	53	U	370	53

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-WT | Lab Sample ID: 460-62993-2

Matrix: Solid | Lab File ID: z2371.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:25

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 06:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	43	U	370	43
84-66-2	Diethyl phthalate	44	U	370	44
86-73-7	Fluorene	47	U	370	47
206-44-0	Fluoranthene	49	U	370	49
84-74-2	Di-n-butyl phthalate	45	U	370	45
121-14-2	2,4-Dinitrotoluene	12	U	74	12
7005-72-3	4-Chlorophenyl phenyl ether	43	U	370	43
100-01-6	4-Nitroaniline	110	U	740	110
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	36	U	370	36
1912-24-9	Atrazine	57	U	370	57
120-12-7	Anthracene	45	U	370	45
86-74-8	Carbazole	43	U	370	43
85-01-8	Phenanthrene	47	U	370	47
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	110	J	370	31
218-01-9	Chrysene	43	U	370	43
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
191-24-2	Benzo[g,h,i]perylene	27	U	370	27
205-99-2	Benzo[b]fluoranthene	2.3	U	37	2.3
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
86-30-6	N-Nitrosodiphenylamine	36	U	370	36
85-68-7	Butyl benzyl phthalate	34	U	370	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
117-84-0	Di-n-octyl phthalate	23	U	370	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.8	U	37	6.8
53-70-3	Dibenz(a,h)anthracene	4.6	U	37	4.6
91-94-1	3,3'-Dichlorobenzidine	130	U	740	130
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U	370	49
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	370	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-WT Lab Sample ID: 460-62993-2

Matrix: Solid Lab File ID: z2371.d

Analysis Method: 8270C Date Collected: 09/13/2013 08:25

Extract. Method: 3541 Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.01(g) Date Analyzed: 09/20/2013 06:39

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 9.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	72		38-105
4165-62-2	Phenol-d5	77		41-118
1718-51-0	Terphenyl-d14	65		16-151
118-79-6	2,4,6-Tribromophenol	104		10-120
367-12-4	2-Fluorophenol	71		37-125
321-60-8	2-Fluorobiphenyl	71		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-WT | Lab Sample ID: 460-62993-2

Matrix: Solid | Lab File ID: z2371.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:25

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 06:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 307000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-3	6.96	27000	J
	Unknown Alkane-4	7.29	21000	J
	Unknown Alkane-5	7.50	13000	J
	Unknown Alkane-6	8.00	15000	J
	Unknown Alkane-7	8.22	20000	J
	Unknown Alkane-8	8.29	13000	J
	Unknown Alkane-9	8.46	45000	J
	Unknown-3	8.49	20000	J
	Unknown-4	8.51	14000	J
	Dichloro-1,1-biphenyl isomer	8.59	12000	J
	Unknown-5	8.66	23000	J
	Unknown-6	8.78	18000	J
	Trichloro-1,1-biphenyl isomer-1	8.93	28000	J
	Unknown Alkane-11	9.31	16000	J
	Trichloro-1,1-biphenyl isomer-2	9.35	22000	J

Data File: /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2371.d
Report Date: 20-Sep-2013 13:53

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2371.d
Lab Smp Id: 460-62993-E-2-E Client Smp ID: PMP-6SE-WT
Inj Date : 20-SEP-2013 06:39
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62993-E-2-E
Misc Info : 460-62993-E-2-E
Comment   :
Method   : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/8270C_11.m
Meth Date : 20-Sep-2013 12:31 czhao Quant Type: ISTD
Cal Date : 19-SEP-2013 03:37 Cal File: z2314.d
Als bottle: 4
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	15.01000	Weight of sample extracted (g)
M	9.78887	% 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	3.211	3.188	(0.719)	746218	71.3166	5300
$ 17 Phenol-d5 (SUR)	99	4.094	4.111	(0.917)	1007485	77.0368	5700
* 79 1,4-Dichlorobenzene-d4	152	4.464	4.470	(1.000)	295039	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.017	5.035	(0.873)	432055	36.1101	2700
* 80 Naphthalene-d8	136	5.746	5.758	(1.000)	1027761	40.0000	
34 2-Methylnaphthalene	142	6.470	6.470	(1.126)	15310	0.90083	66(a)
120 1-Methylnaphthalene	142	6.570	6.570	(1.143)	28382	1.59941	120(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.841	6.840	(0.909)	624301	35.3222	2600
125 1,3-Dimethylnaphthalene	156	7.188	7.176	(0.955)	545801	41.8864	3100
* 82 Acenaphthene-d10	164	7.529	7.511	(1.000)	478414	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.317	8.287	(1.105)	176674	104.223	7700
115 n-Octadecane	57	8.905	8.864	(0.993)	1944302	151.390	11000(A)
* 83 Phenanthrene-d10	188	9.011	8.976	(1.000)	631312	40.0000	(H)

Data File: /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2371.d
Report Date: 20-Sep-2013 13:53

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
57 Pyrene	202	10.417	10.399	(0.884)	24359	1.51872	110(a)
$ 78 Terphenyl-d14	244	10.564	10.558	(0.897)	325356	32.3543	2400
* 81 Chrysene-d12	240	11.781	11.781	(1.000)	306840	40.0000	
* 84 Perylene-d12	264	13.734	13.734	(1.000)	261719	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: z2371.d

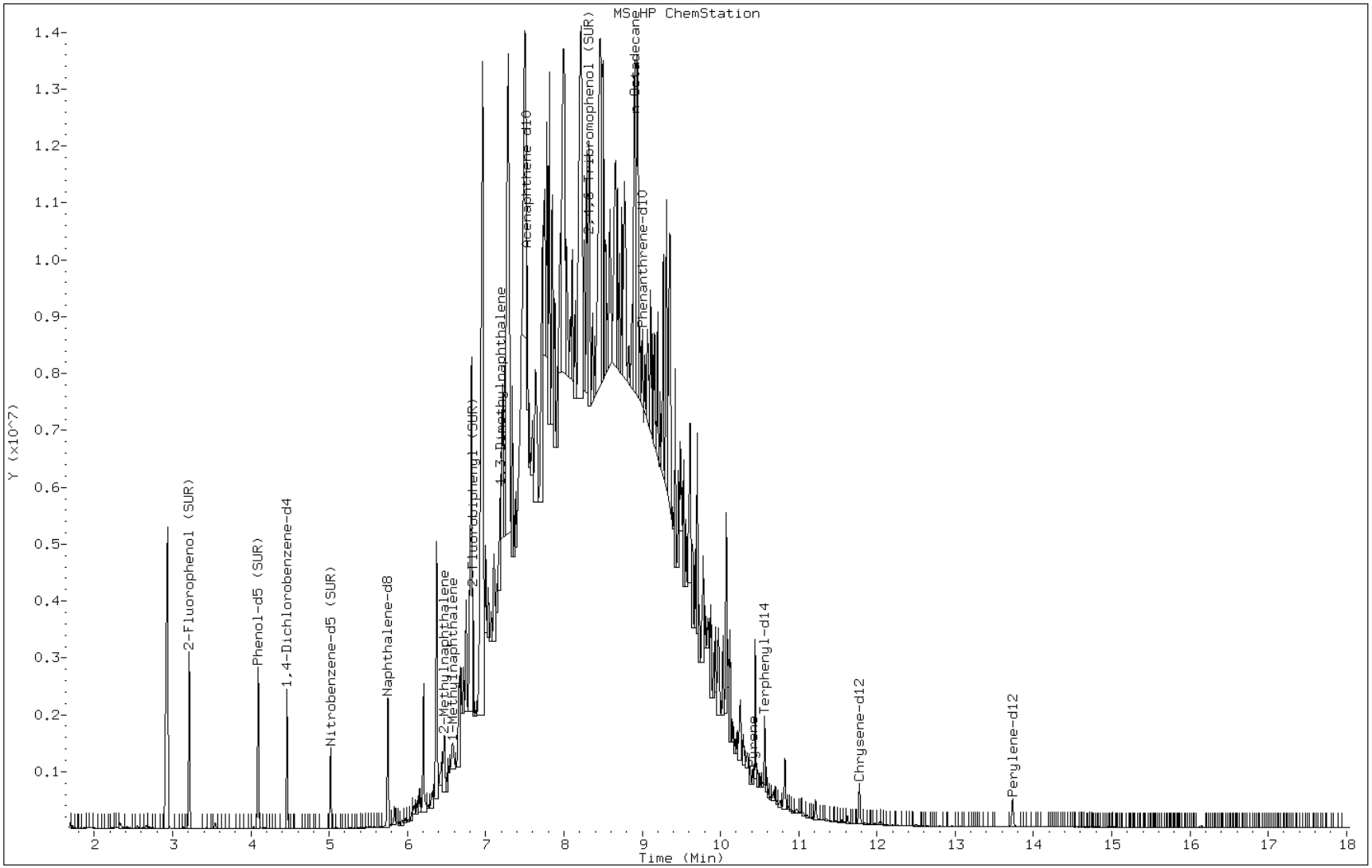
Date: 20-SEP-2013 06:39

Client ID: PMP-6SE-WT

Instrument: BNAMS11.i

Sample Info: 460-62993-E-2-E

Operator: BNAMS 4



Data File: z2371.d

Date: 20-SEP-2013 06:39

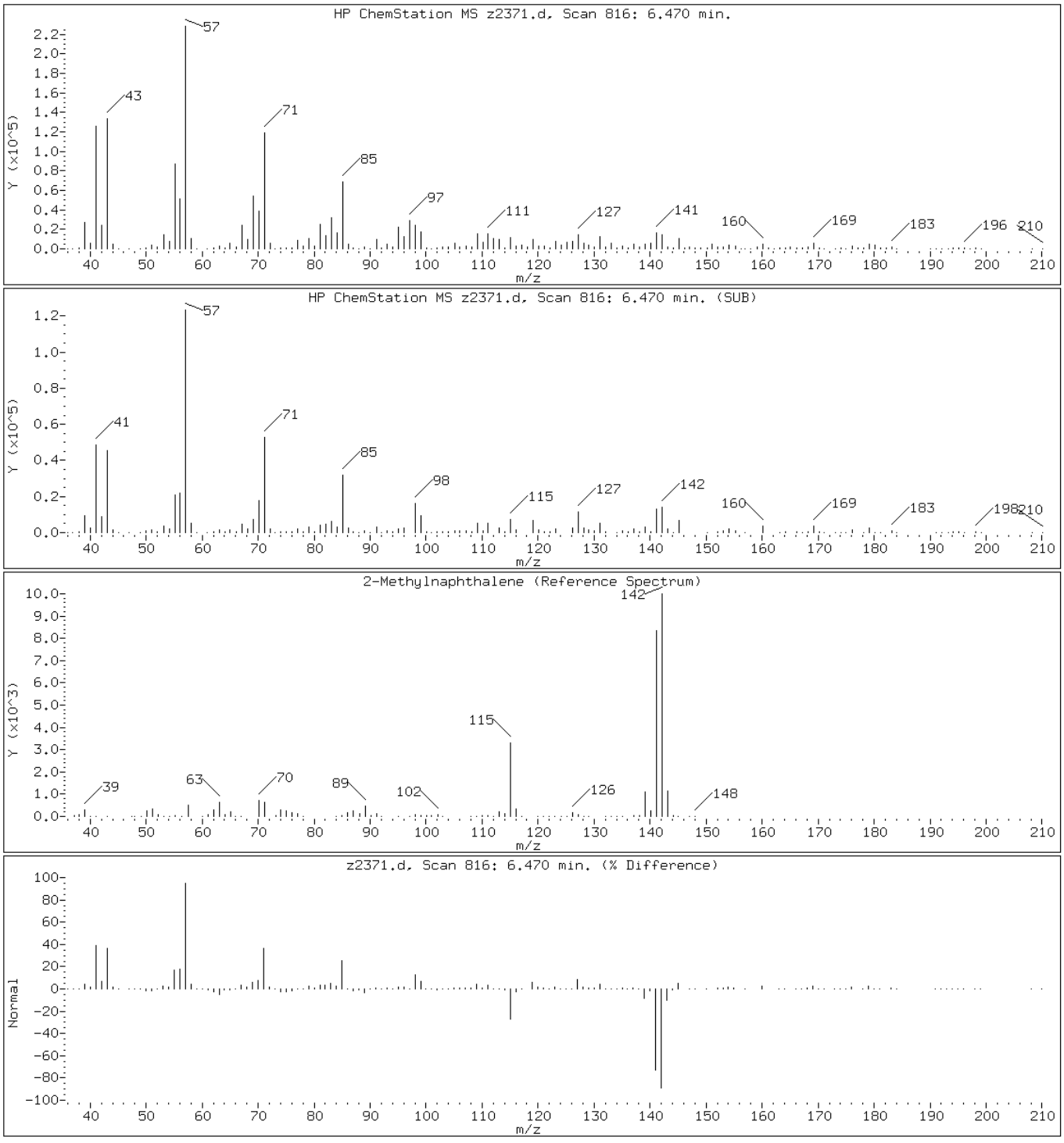
Client ID: PMP-6SE-WT

Instrument: BNAMS11.i

Sample Info: 460-62993-E-2-E

Operator: BNAMS 4

34 2-Methylnaphthalene



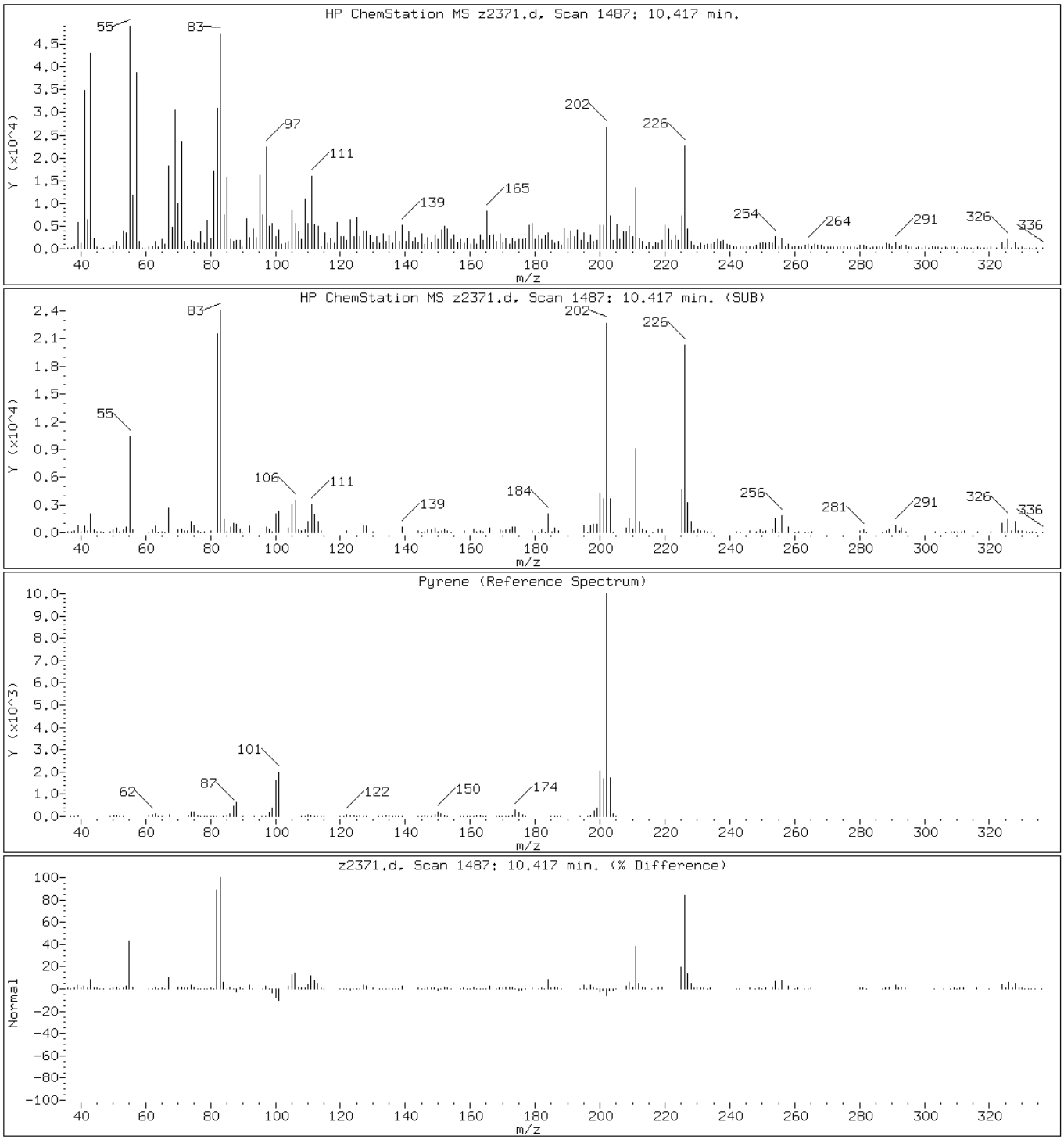
Data File: z2371.d

Date: 20-SEP-2013 06:39

Client ID: PMP-6SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-2-E Operator: BNAMS 4

57 Pyrene



Data File: z2371.d

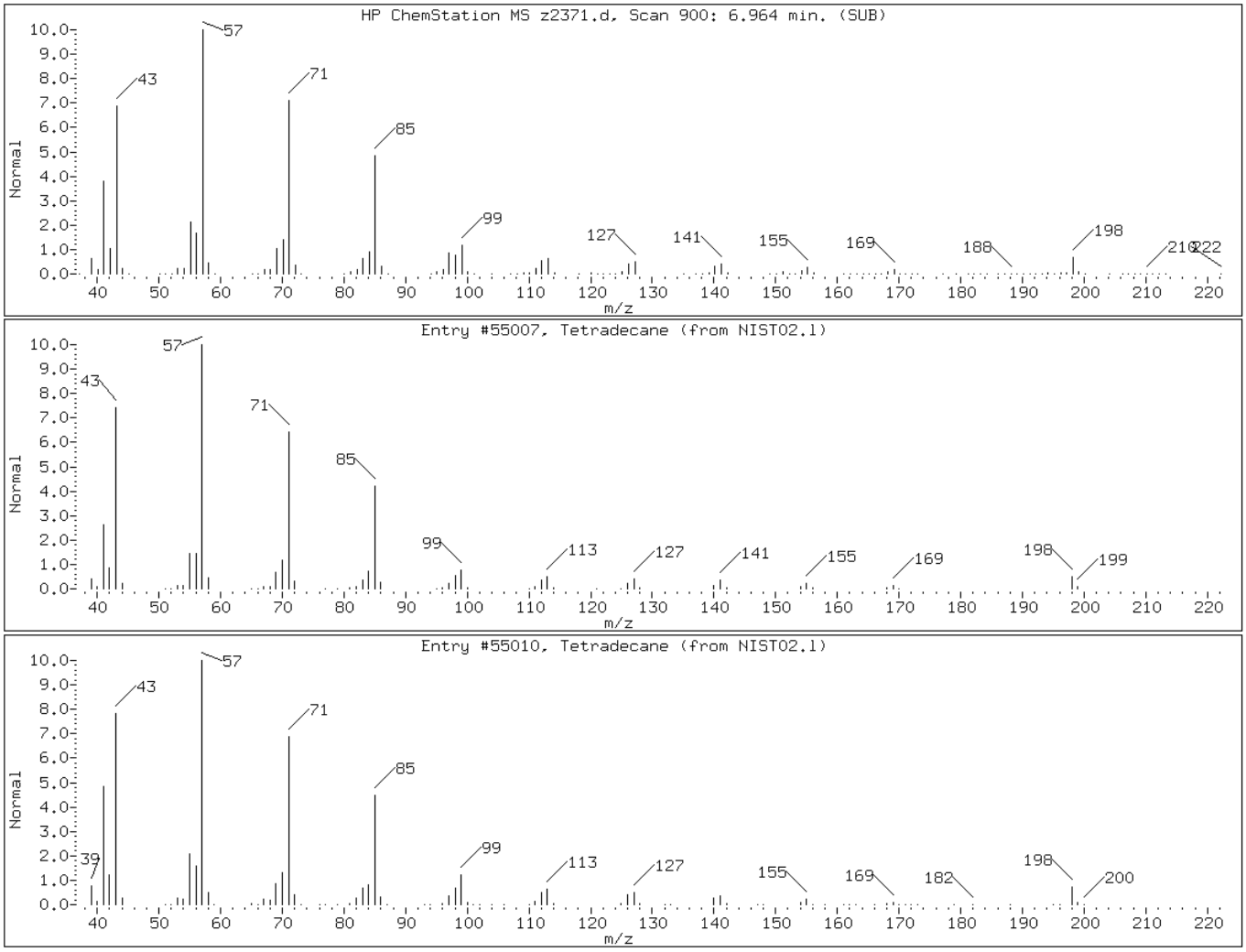
Date: 20-SEP-2013 06:39

Client ID: PMP-6SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-2-E Operator: BNAMS 4

Retention Time: 6.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Tetradecane	629-59-4	NIST02.l	55007	98	C14H30	198
Tetradecane	629-59-4	NIST02.l	55010	98	C14H30	198



Data File: z2371.d

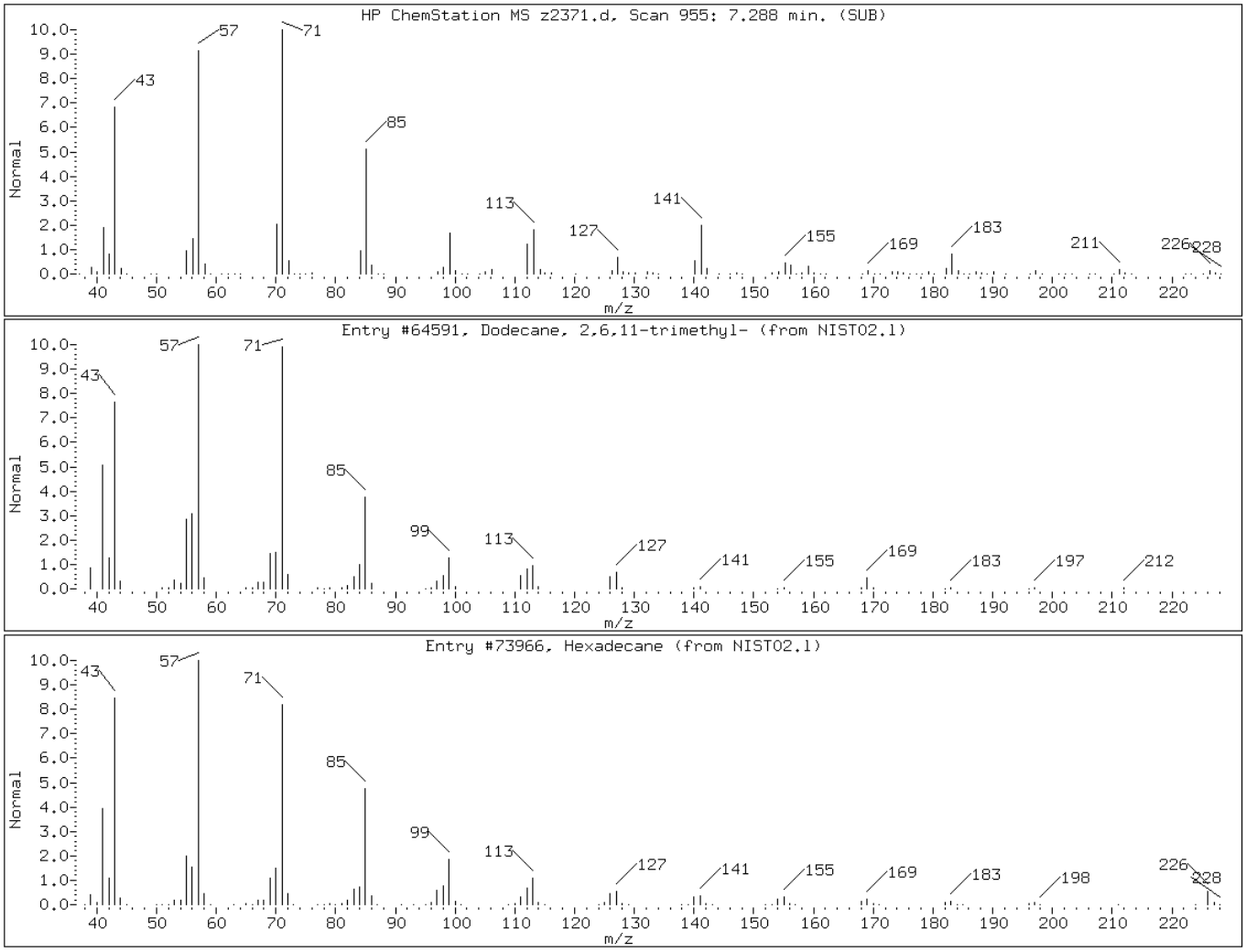
Date: 20-SEP-2013 06:39

Client ID: PMP-6SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-2-E Operator: BNAMS 4

Retention Time: 7.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64591	91	C15H32	212
Hexadecane	544-76-3	NIST02.l	73966	83	C16H34	226



Data File: z2371.d

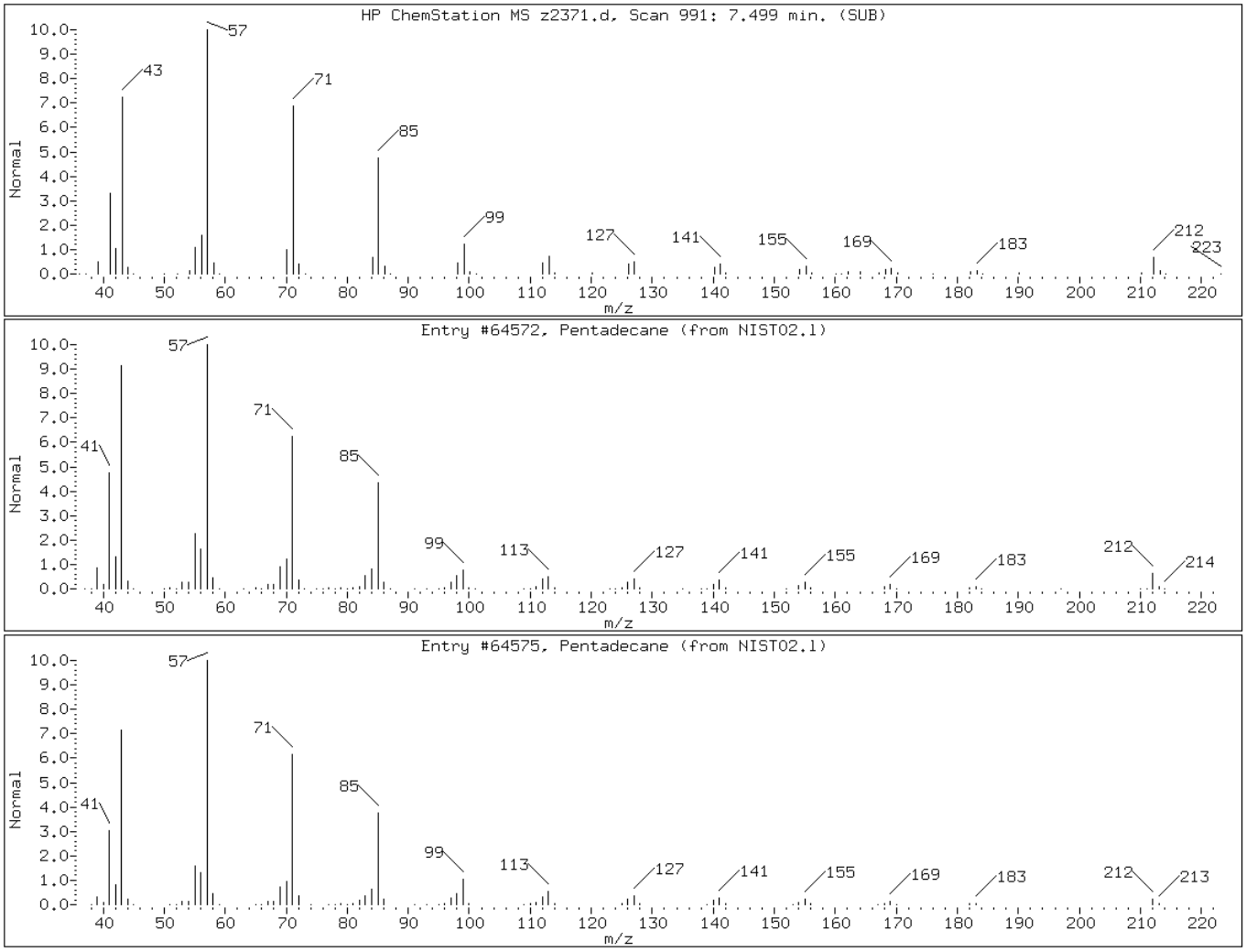
Date: 20-SEP-2013 06:39

Client ID: PMP-6SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-2-E Operator: BNAMS 4

Retention Time: 7.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Pentadecane	629-62-9	NIST02.l	64572	98	C15H32	212
Pentadecane	629-62-9	NIST02.l	64575	97	C15H32	212



Data File: z2371.d

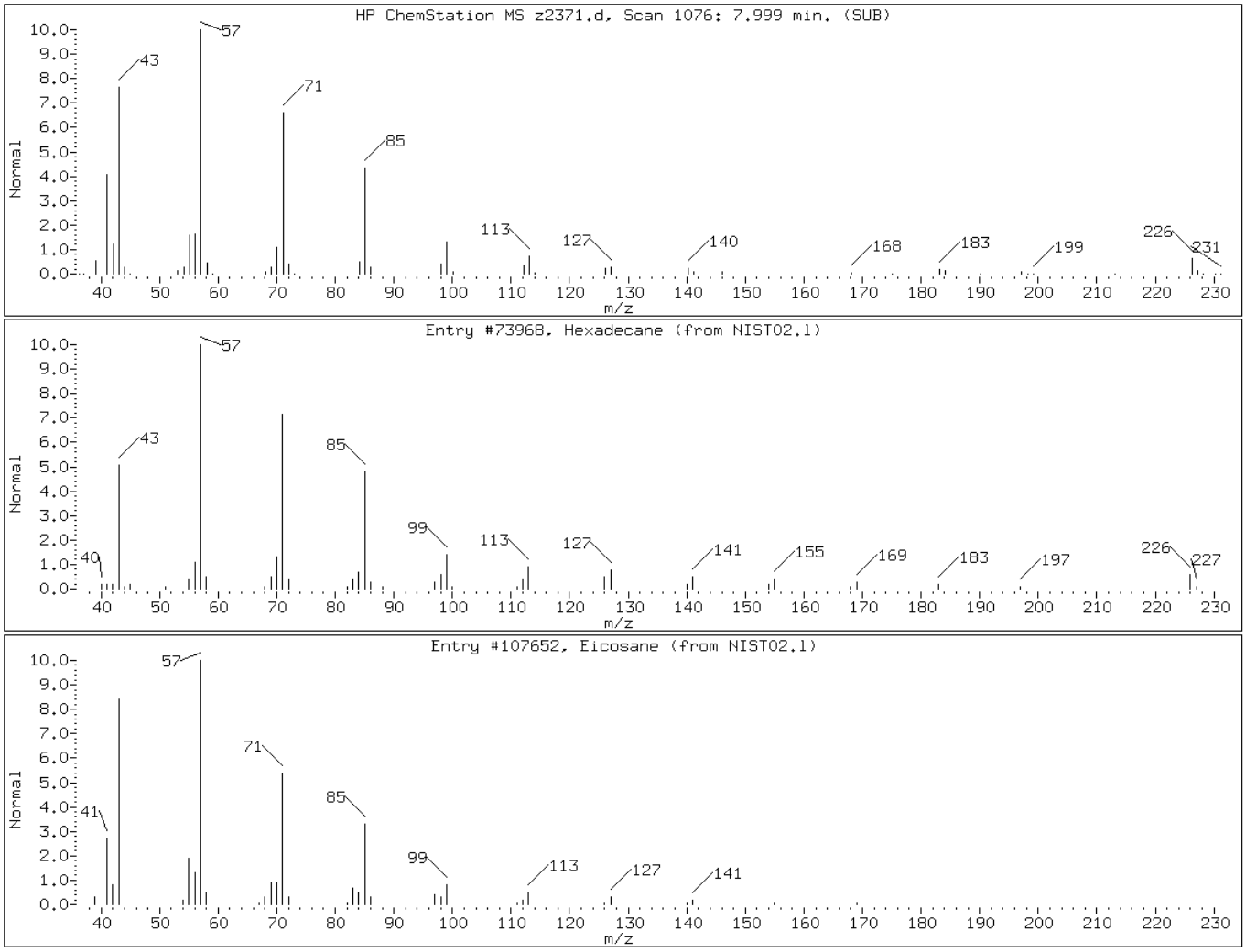
Date: 20-SEP-2013 06:39

Client ID: PMP-6SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-2-E Operator: BNAMS 4

Retention Time: 8.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Hexadecane	544-76-3	NIST02.l	73968	94	C16H34	226
Eicosane	112-95-8	NIST02.l	107652	91	C20H42	282



Data File: z2371.d

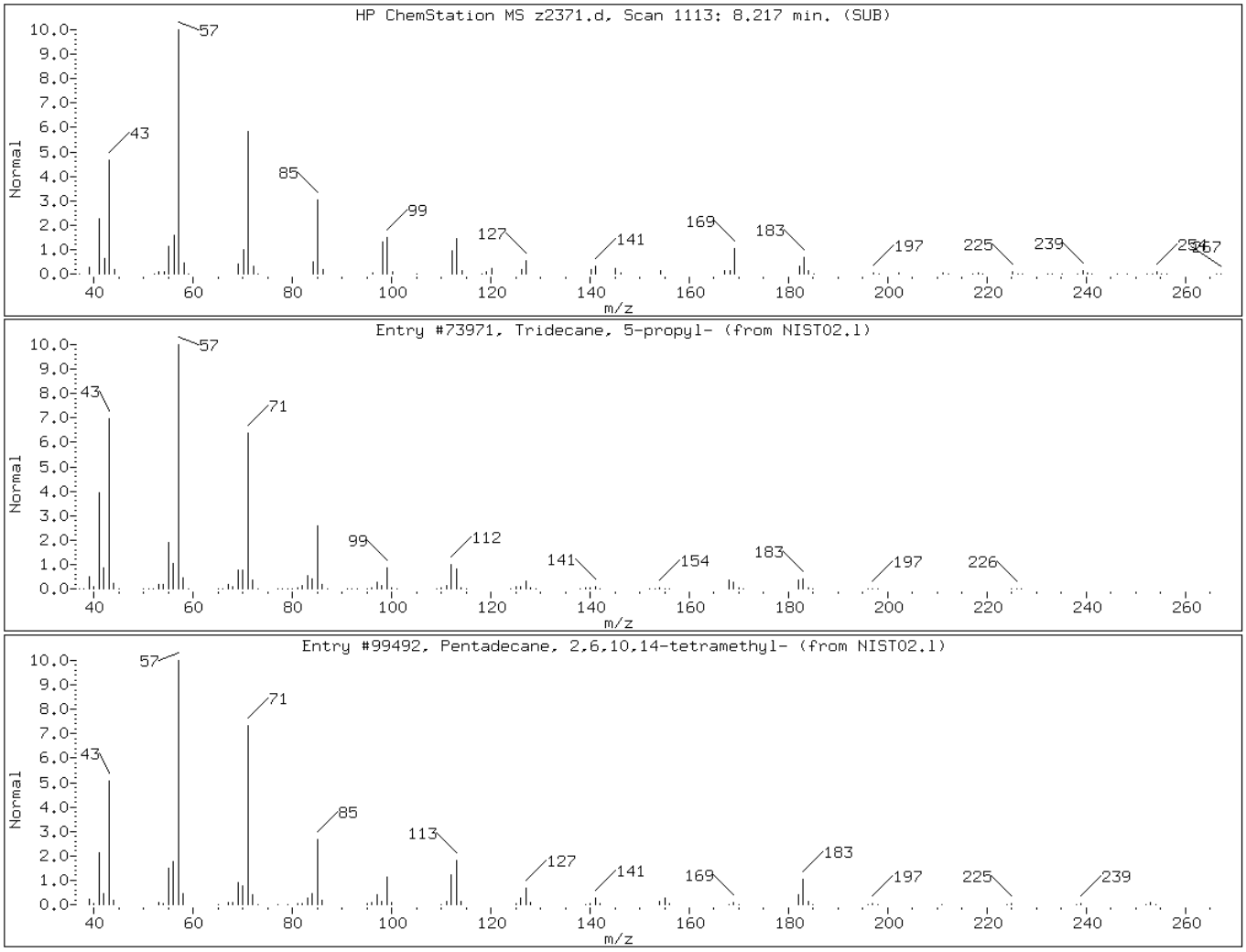
Date: 20-SEP-2013 06:39

Client ID: PMP-6SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-2-E Operator: BNAMS 4

Retention Time: 8.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	81	C16H34	226
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	74	C19H40	268



Data File: z2371.d

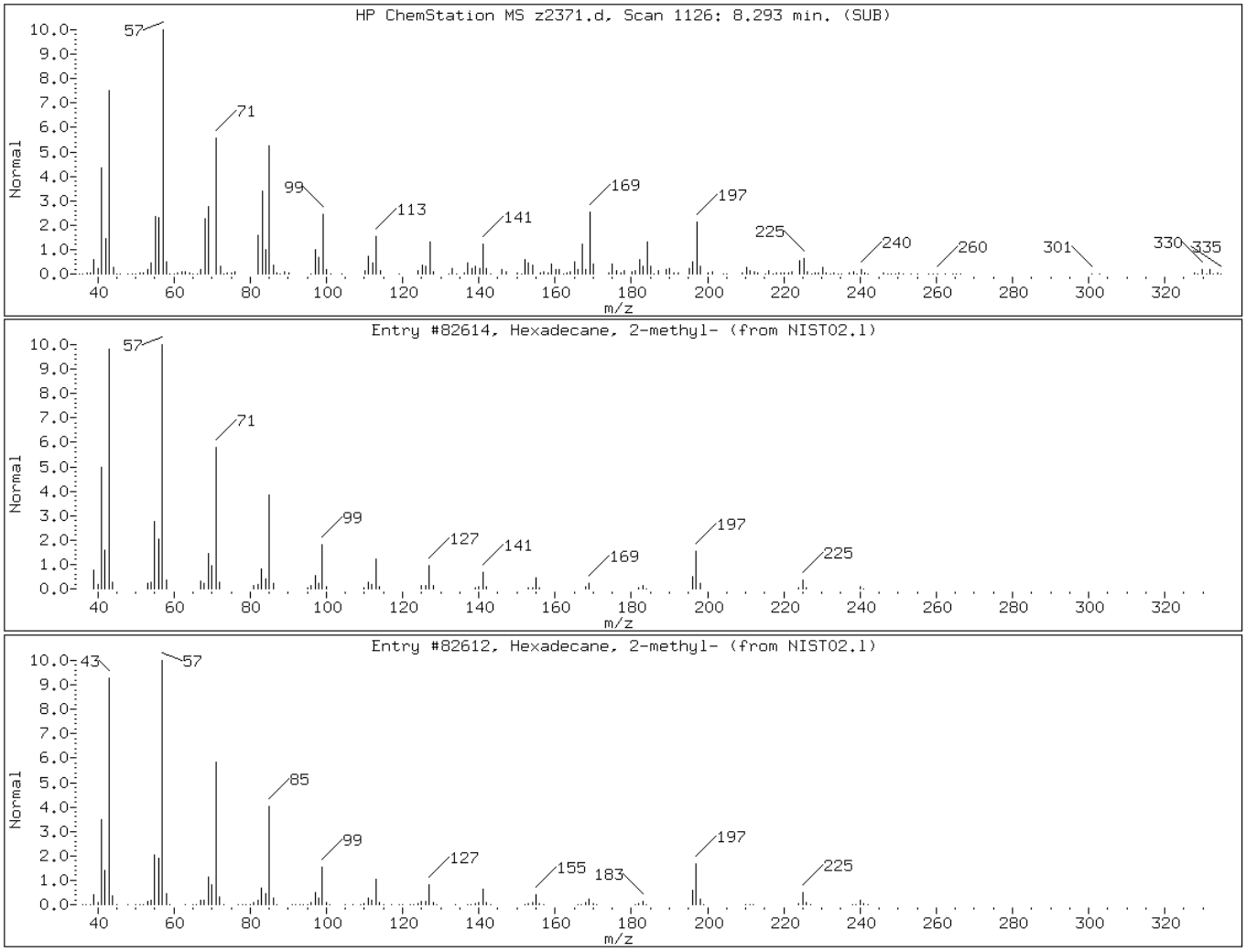
Date: 20-SEP-2013 06:39

Client ID: PMP-6SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-2-E Operator: BNAMS 4

Retention Time: 8.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Hexadecane, 2-methyl-	1560-92-5	NIST02.l	82614	93	C17H36	240
Hexadecane, 2-methyl-	1560-92-5	NIST02.l	82612	91	C17H36	240



Data File: z2371.d

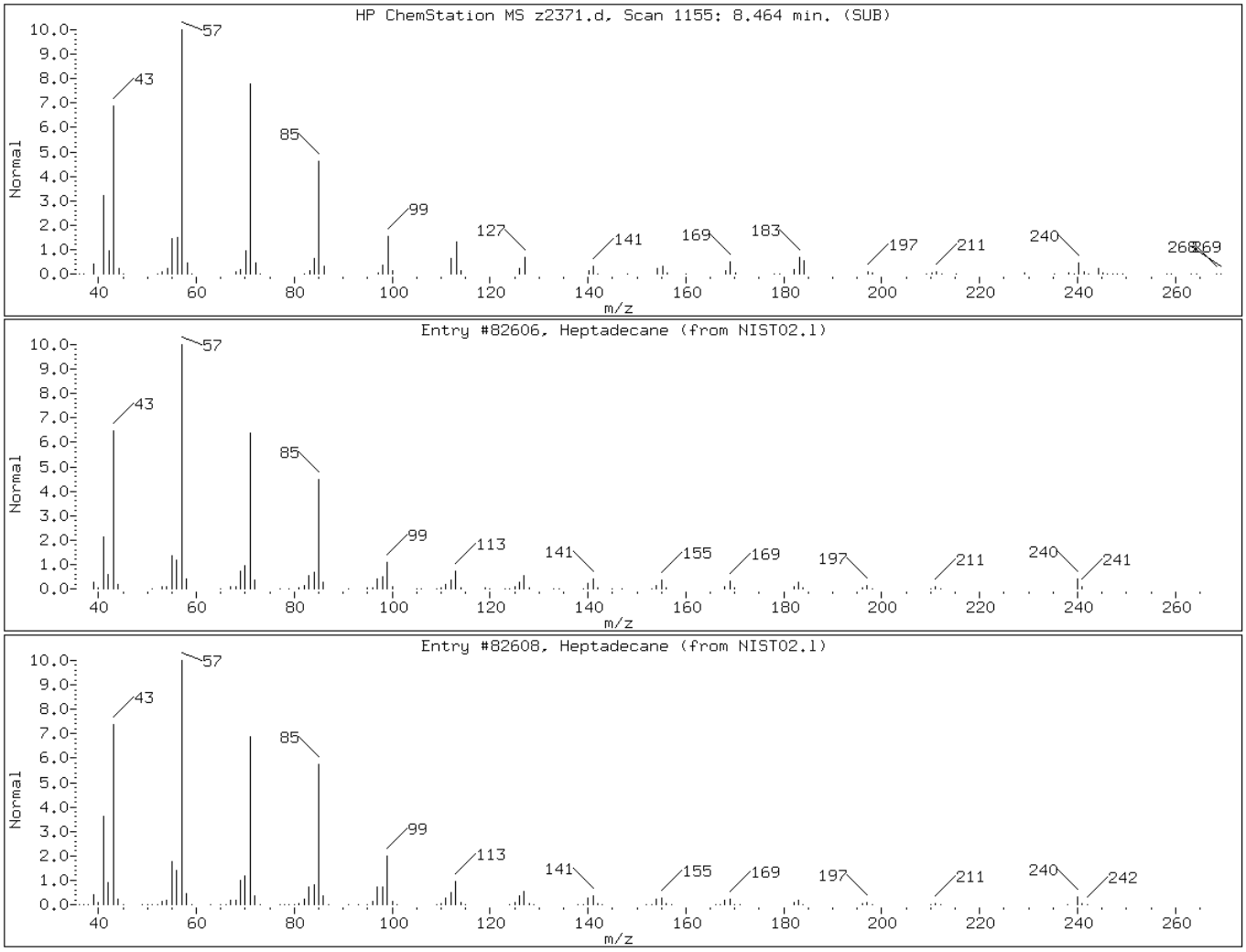
Date: 20-SEP-2013 06:39

Client ID: PMP-6SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-2-E Operator: BNAMS 4

Retention Time: 8.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Heptadecane	629-78-7	NIST02.l	82606	94	C17H36	240
Heptadecane	629-78-7	NIST02.l	82608	93	C17H36	240



Data File: z2371.d

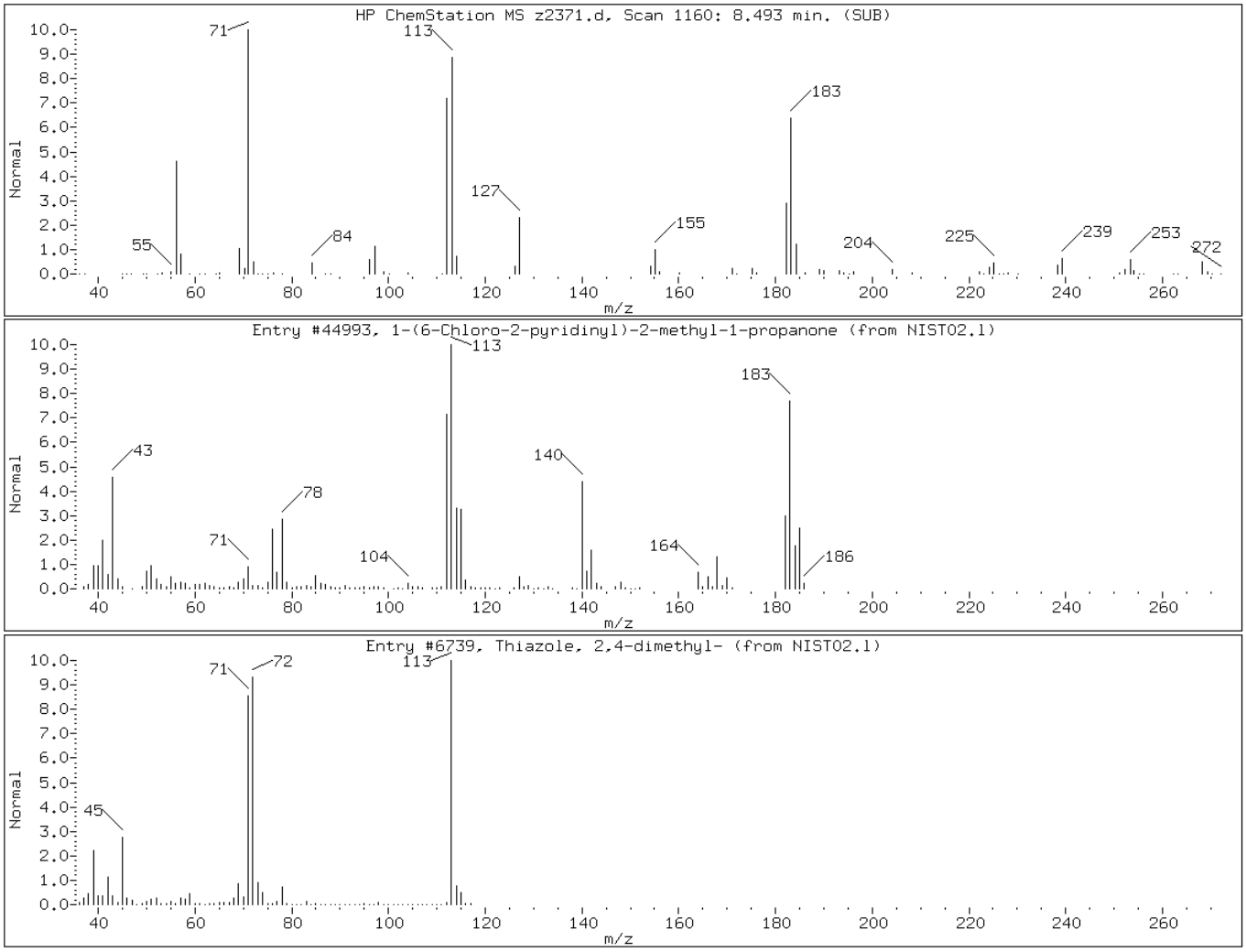
Date: 20-SEP-2013 06:39

Client ID: PMP-6SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-2-E Operator: BNAMS 4

Retention Time: 8.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
1-(6-Chloro-2-pyridinyl)-2-methyl-	1000108-70-2	NIST02.l	44993	43	C9H10ClNO	183
Thiazole, 2,4-dimethyl-	541-58-2	NIST02.l	6739	25	C5H7NS	113



Data File: z2371.d

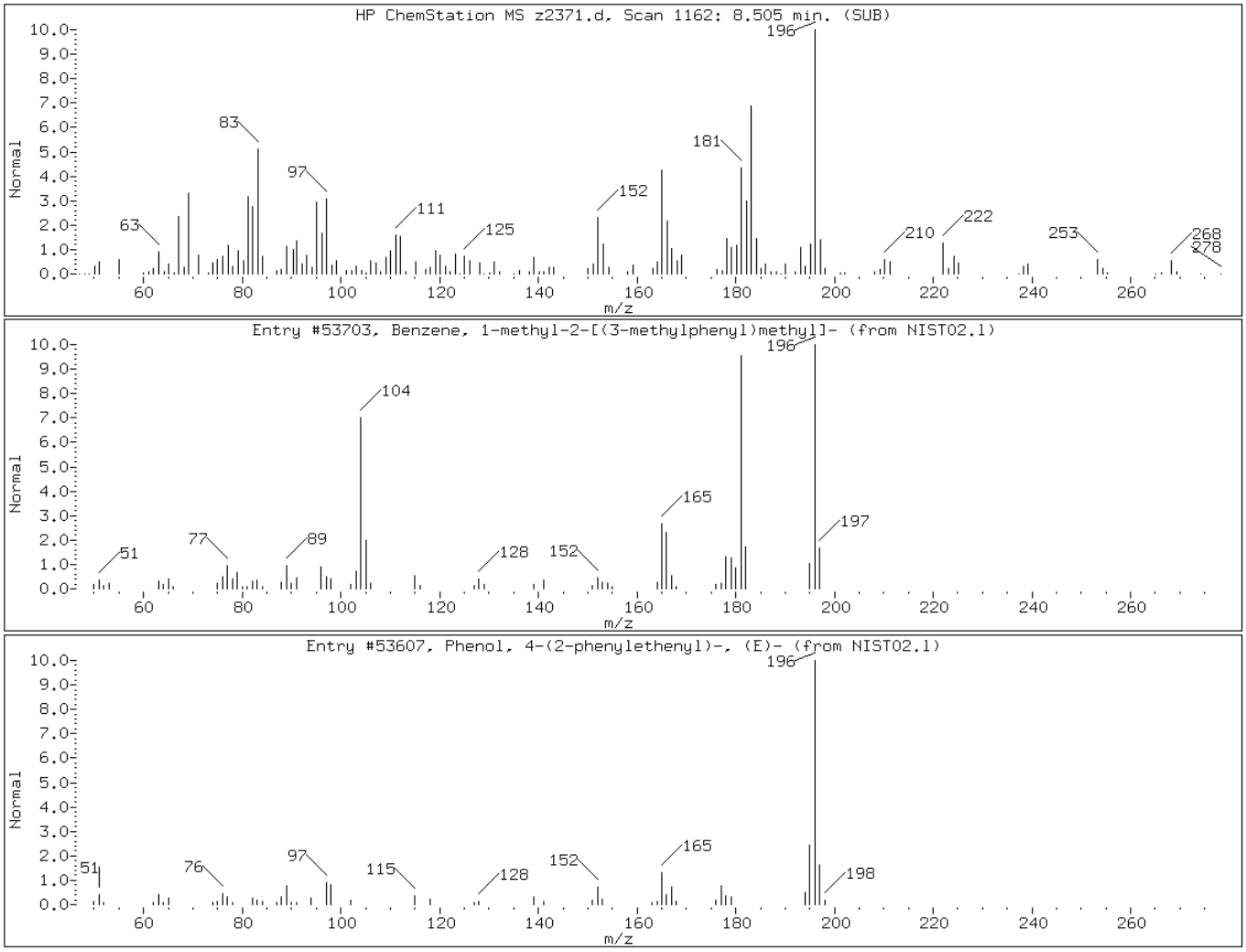
Date: 20-SEP-2013 06:39

Client ID: PMP-6SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-2-E Operator: BNAMS 4

Retention Time: 8.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Benzene, 1-methyl-2-[(3-methylphen	21895-13-6	NIST02.l	53703	46	C15H16	196
Phenol, 4-(2-phenylethenyl)-, (E)-	6554-98-9	NIST02.l	53607	46	C14H12O	196



Data File: z2371.d

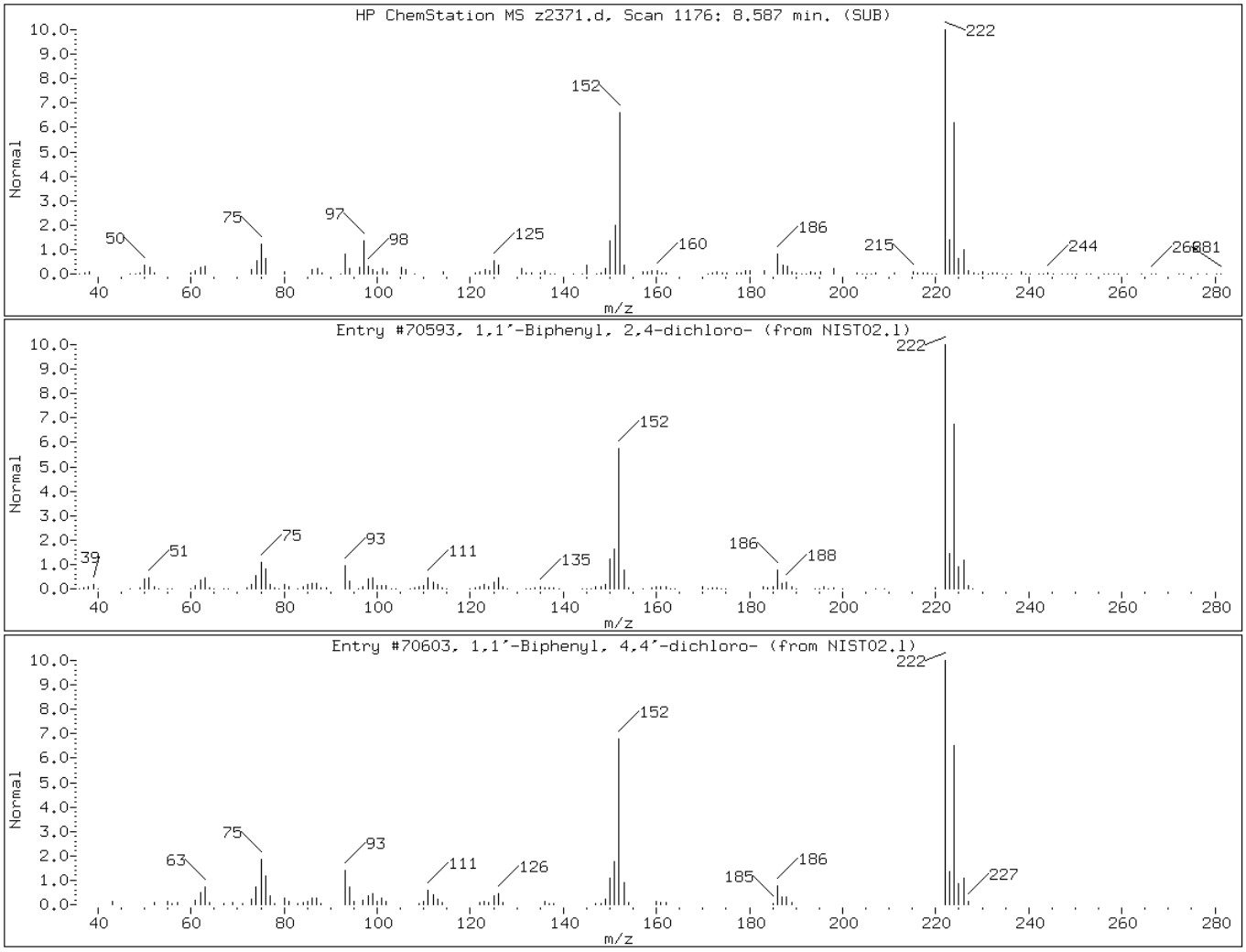
Date: 20-SEP-2013 06:39

Client ID: PMP-6SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-2-E Operator: BNAMS 4

Retention Time: 8.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,4-dichloro-	33284-50-3	NIST02.l	70593	94	C12H8Cl2	222
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.l	70603	94	C12H8Cl2	222



Data File: z2371.d

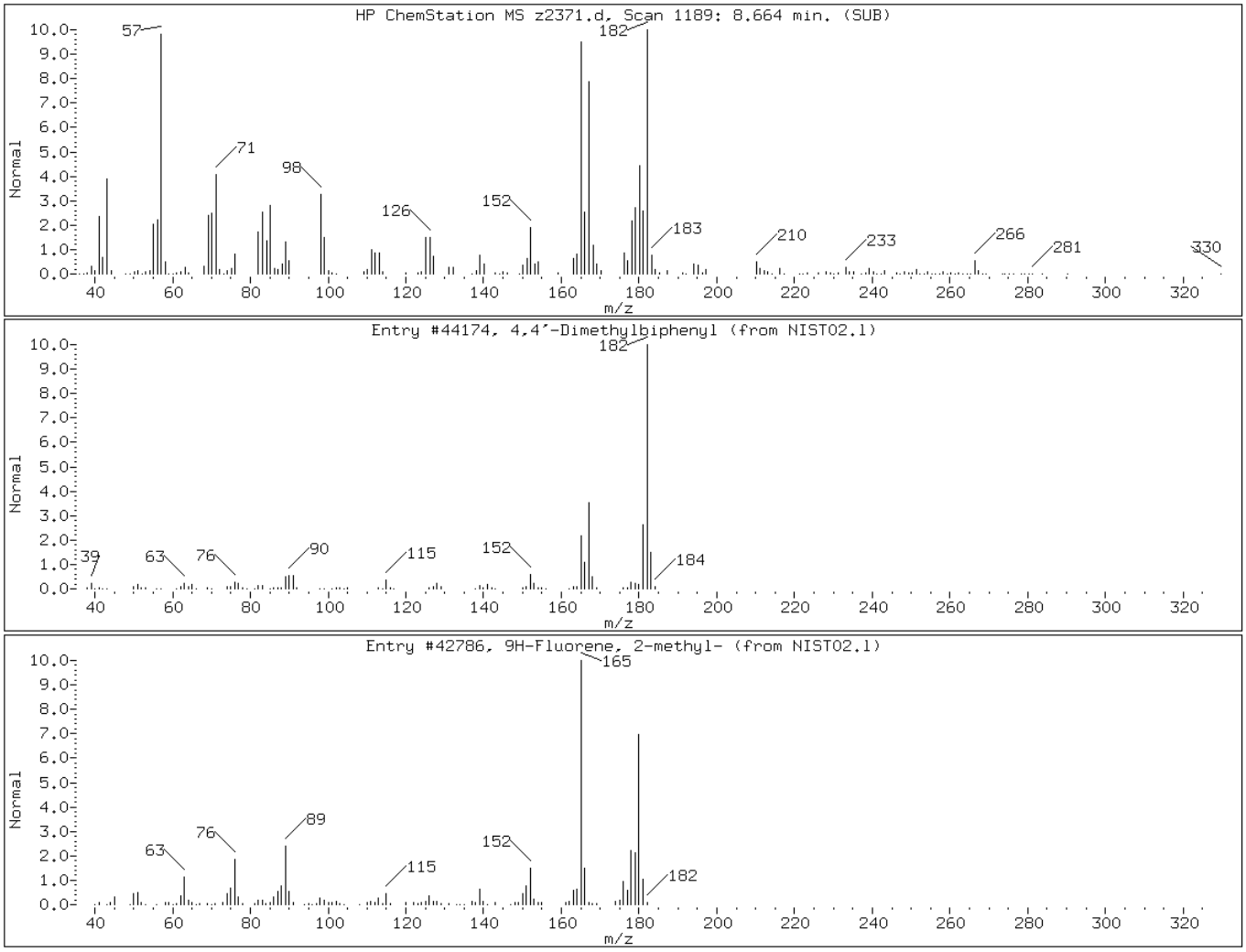
Date: 20-SEP-2013 06:39

Client ID: PMP-6SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-2-E Operator: BNAMS 4

Retention Time: 8.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
4,4'-Dimethylbiphenyl	613-33-2	NIST02.l	44174	49	C14H14	182
9H-Fluorene, 2-methyl-	1430-97-3	NIST02.l	42786	38	C14H12	180



Data File: z2371.d

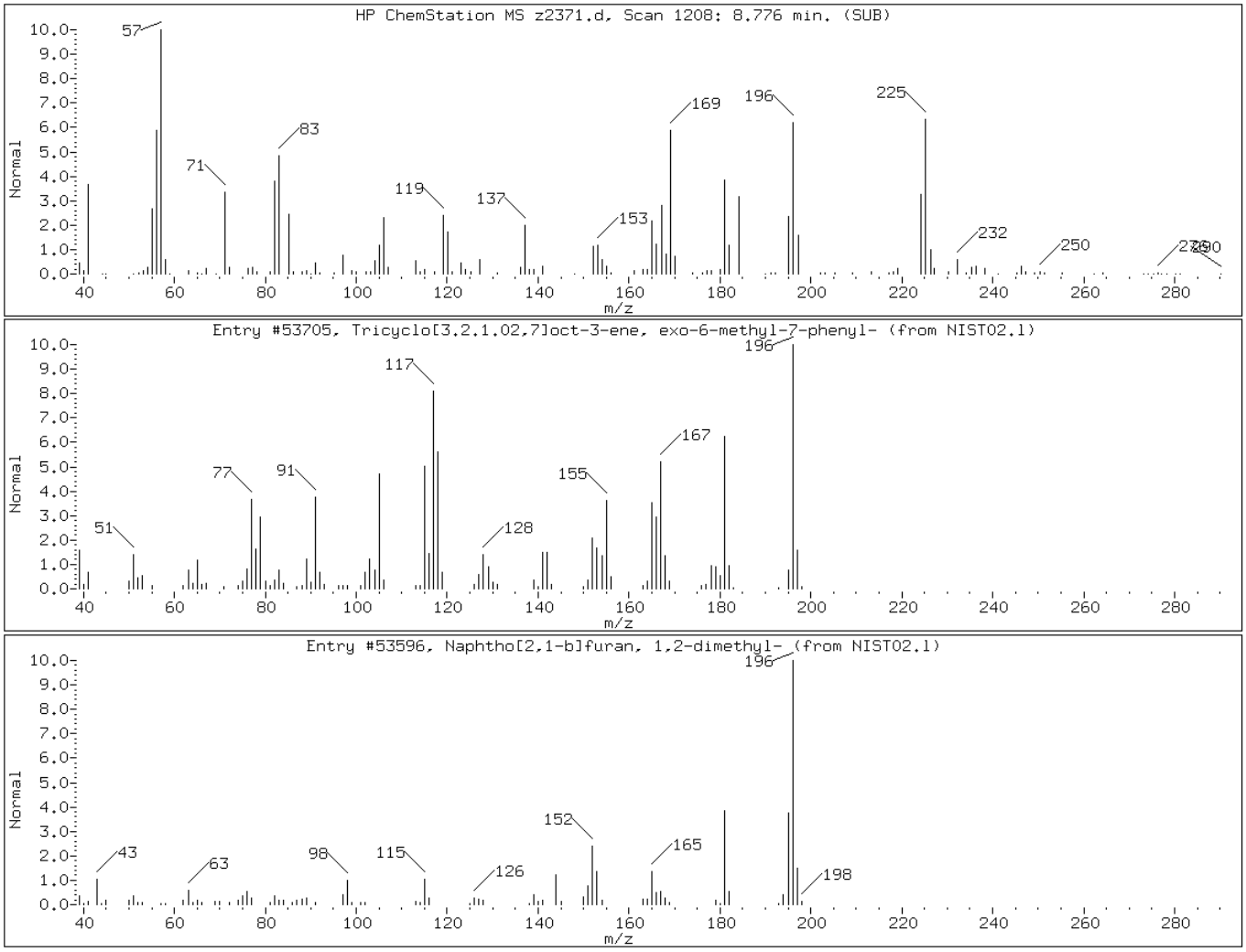
Date: 20-SEP-2013 06:39

Client ID: PMP-6SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-2-E Operator: BNAMS 4

Retention Time: 8.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
Tricyclo[3.2.1.02,7]oct-3-ene, exo	1000142-97-8	NIST02.l	53705	30	C15H16	196
Naphtho[2,1-b]furan, 1,2-dimethyl-	129812-23-3	NIST02.l	53596	27	C14H12O	196



Data File: z2371.d

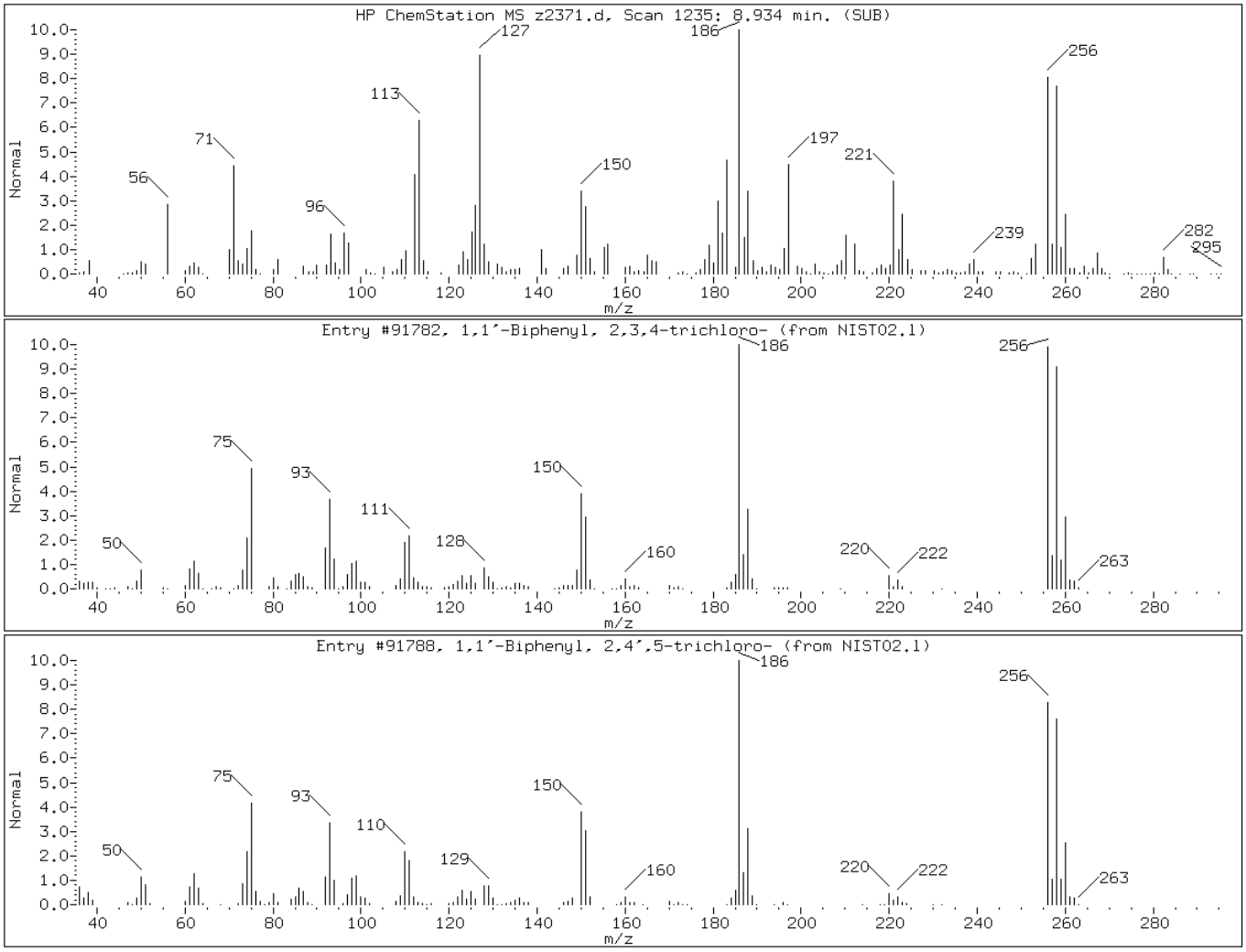
Date: 20-SEP-2013 06:39

Client ID: PMP-6SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-2-E Operator: BNAMS 4

Retention Time: 8.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	95	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	89	C12H7Cl3	256



Data File: z2371.d

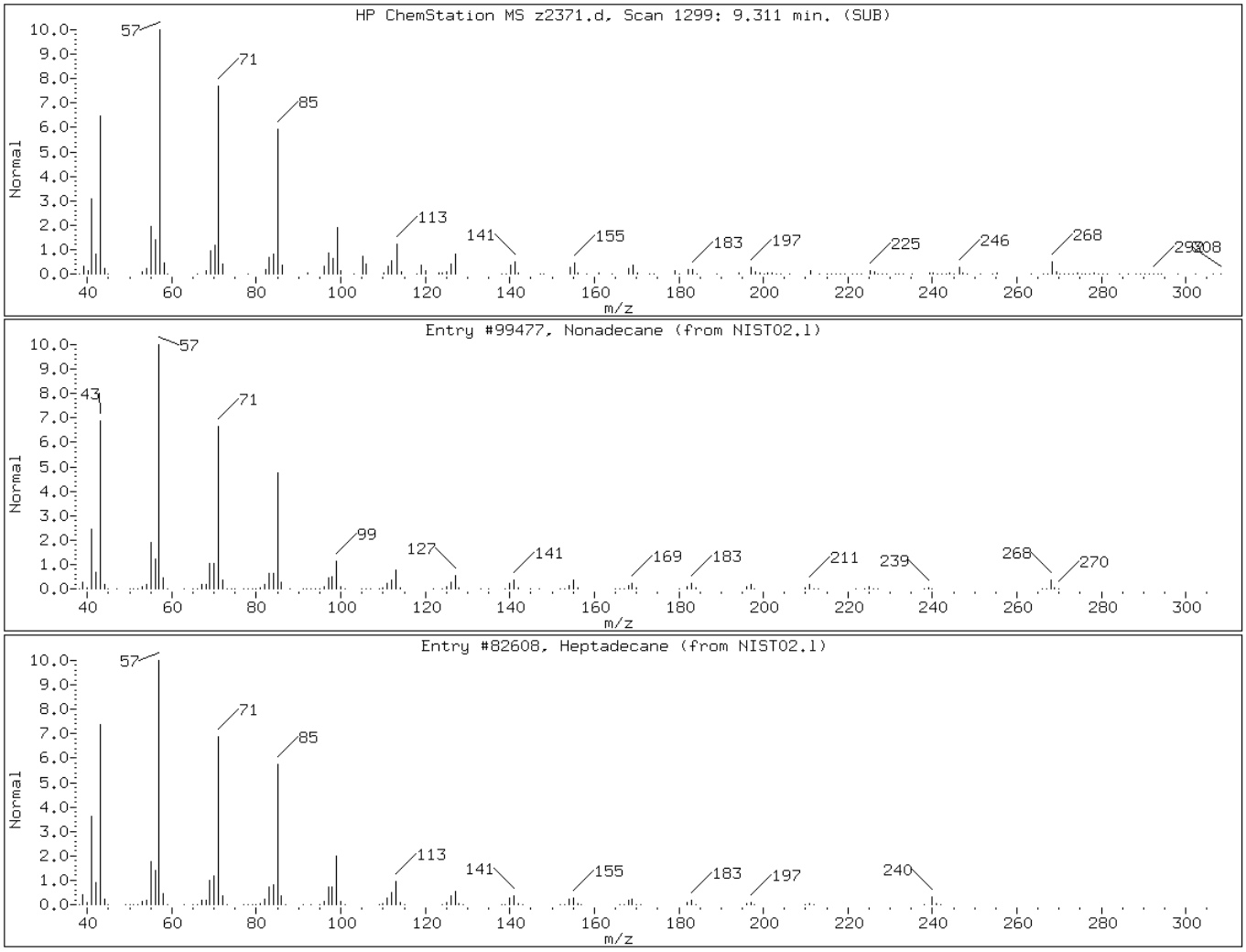
Date: 20-SEP-2013 06:39

Client ID: PMP-6SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-2-E Operator: BNAMS 4

Retention Time: 9.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Nonadecane	629-92-5	NIST02.l	99477	97	C19H40	268
Heptadecane	629-78-7	NIST02.l	82608	96	C17H36	240



Data File: z2371.d

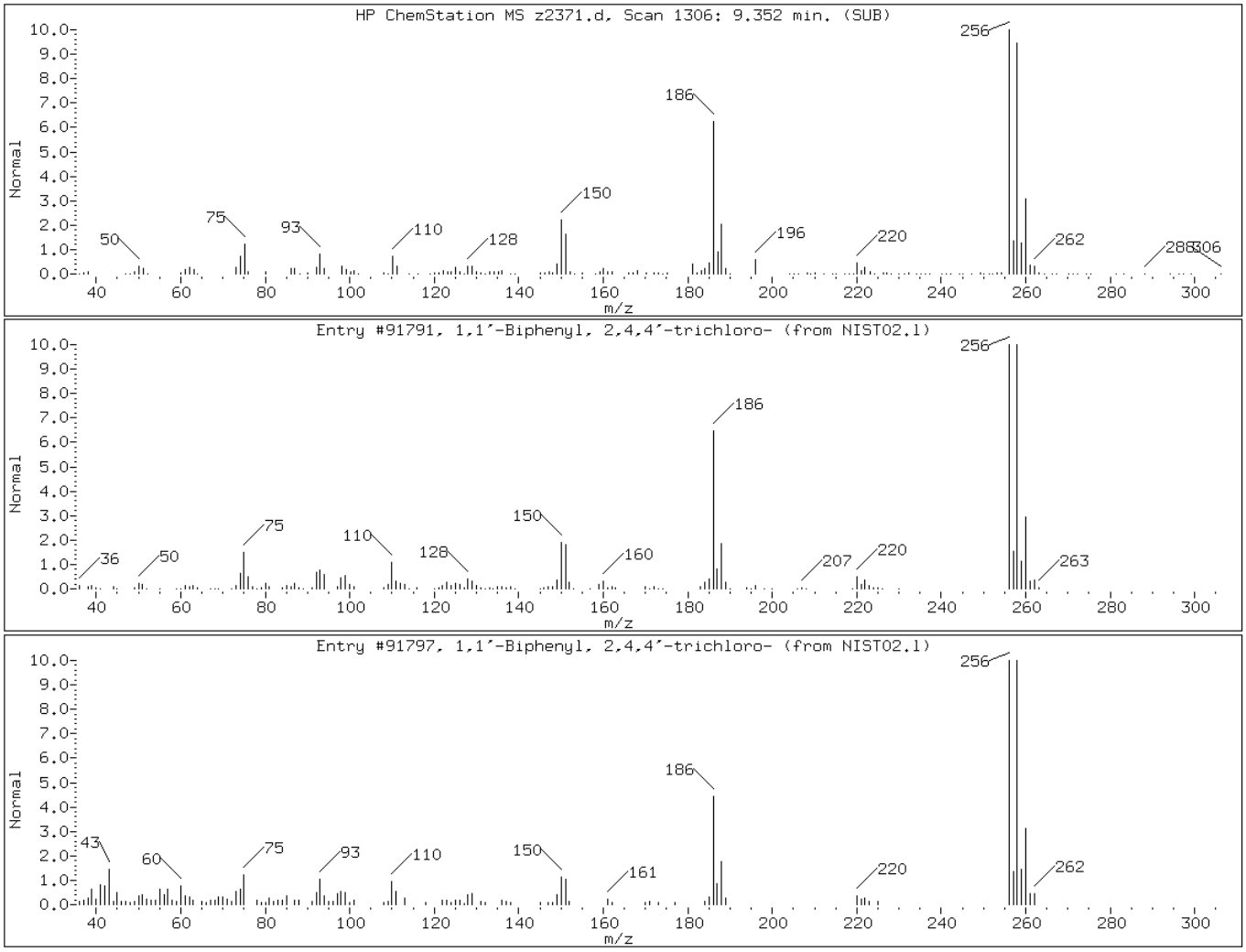
Date: 20-SEP-2013 06:39

Client ID: PMP-6SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-2-E Operator: BNAMS 4

Retention Time: 9.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91797	96	C12H7Cl3	256



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-SI | Lab Sample ID: 460-62993-3

Matrix: Solid | Lab File ID: z2372.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:30

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 07:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	260	U	1900	260
95-57-8	2-Chlorophenol	250	U	1900	250
95-48-7	2-Methylphenol	330	U	1900	330
106-44-5	4-Methylphenol	380	U	1900	380
100-52-7	Benzaldehyde	230	U	1900	230
98-86-2	Acetophenone	300	U	1900	300
111-44-4	Bis(2-chloroethyl)ether	26	U	190	26
108-60-1	2,2'-oxybis[1-chloropropane]	210	U	1900	210
621-64-7	N-Nitrosodi-n-propylamine	32	U	190	32
98-95-3	Nitrobenzene	27	U	190	27
67-72-1	Hexachloroethane	21	U	190	21
78-59-1	Isophorone	230	U	1900	230
88-75-5	2-Nitrophenol	210	U	1900	210
105-67-9	2,4-Dimethylphenol	480	U	1900	480
120-83-2	2,4-Dichlorophenol	280	U	1900	280
111-91-1	Bis(2-chloroethoxy)methane	250	U	1900	250
91-20-3	Naphthalene	220	U	1900	220
106-47-8	4-Chloroaniline	510	U	1900	510
87-68-3	Hexachlorobutadiene	47	U	390	47
105-60-2	Caprolactam	440	U	1900	440
59-50-7	4-Chloro-3-methylphenol	290	U	1900	290
91-57-6	2-Methylnaphthalene	250	U	1900	250
118-74-1	Hexachlorobenzene	26	U	190	26
77-47-4	Hexachlorocyclopentadiene	230	U	1900	230
88-06-2	2,4,6-Trichlorophenol	230	U	1900	230
95-95-4	2,4,5-Trichlorophenol	250	U	1900	250
92-52-4	Diphenyl	260	U	1900	260
91-58-7	2-Chloronaphthalene	210	U	1900	210
88-74-4	2-Nitroaniline	800	U	3900	800
606-20-2	2,6-Dinitrotoluene	58	U	390	58
131-11-3	Dimethyl phthalate	230	U	1900	230
208-96-8	Acenaphthylene	230	U	1900	230
99-09-2	3-Nitroaniline	680	U	3900	680
83-32-9	Acenaphthene	280	U	1900	280

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-SI | Lab Sample ID: 460-62993-3

Matrix: Solid | Lab File ID: z2372.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:30

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 07:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	5800	1200
51-28-5	2,4-Dinitrophenol	1100	U	5800	1100
132-64-9	Dibenzofuran	230	U	1900	230
84-66-2	Diethyl phthalate	230	U	1900	230
86-73-7	Fluorene	250	U	1900	250
206-44-0	Fluoranthene	260	U	1900	260
84-74-2	Di-n-butyl phthalate	240	U	1900	240
121-14-2	2,4-Dinitrotoluene	64	U	390	64
7005-72-3	4-Chlorophenyl phenyl ether	230	U	1900	230
100-01-6	4-Nitroaniline	600	U	3900	600
534-52-1	4,6-Dinitro-2-methylphenol	520	U	5800	520
101-55-3	4-Bromophenyl phenyl ether	190	U	1900	190
1912-24-9	Atrazine	300	U	1900	300
120-12-7	Anthracene	230	U	1900	230
86-74-8	Carbazole	230	U	1900	230
85-01-8	Phenanthrene	910	J	1900	250
87-86-5	Pentachlorophenol	580	U	5800	580
129-00-0	Pyrene	160	U	1900	160
218-01-9	Chrysene	220	U	1900	220
207-08-9	Benzo[k]fluoranthene	15	U	190	15
191-24-2	Benzo[g,h,i]perylene	140	U	1900	140
205-99-2	Benzo[b]fluoranthene	12	U	190	12
50-32-8	Benzo[a]pyrene	14	U	190	14
56-55-3	Benzo[a]anthracene	13	U	190	13
86-30-6	N-Nitrosodiphenylamine	190	U	1900	190
85-68-7	Butyl benzyl phthalate	180	U	1900	180
117-81-7	Bis(2-ethylhexyl) phthalate	640	U	1900	640
117-84-0	Di-n-octyl phthalate	120	U	1900	120
193-39-5	Indeno[1,2,3-cd]pyrene	36	U	190	36
53-70-3	Dibenz(a,h)anthracene	24	U	190	24
91-94-1	3,3'-Dichlorobenzidine	680	U	3900	680
95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	1900	260
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	1900	250

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-SI | Lab Sample ID: 460-62993-3

Matrix: Solid | Lab File ID: z2372.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:30

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 07:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	62		38-105
4165-62-2	Phenol-d5	69		41-118
1718-51-0	Terphenyl-d14	72		16-151
118-79-6	2,4,6-Tribromophenol	72		10-120
367-12-4	2-Fluorophenol	68		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-SI | Lab Sample ID: 460-62993-3

Matrix: Solid | Lab File ID: z2372.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:30

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 07:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 130300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-2	7.25	5900	J
	Unknown Alkane-3	7.69	3300	J
	Unknown-3	7.78	4900	J
	Unknown Alkane-4	8.18	16000	J
	Unknown Alkane-5	8.25	4800	J
	Unknown Alkane-6	8.44	37000	J
	Unknown Alkane-7	8.62	6200	J
	Unknown Alkane/Unknown	8.65	3700	J
	Unknown Alkane-9	8.74	5800	J
	Unknown Alkane-10	8.89	19000	J
	Unknown Alkane-12	9.24	3800	J
	Trichloro-1,1-biphenyl isomer-2	9.32	7600	J
	Trichloro-1,1-biphenyl isomer-4	9.46	3800	J
	C15H12 PAH	9.50	3400	J
	Tetrachloro-1,1-biphenyl isomer	9.59	5100	J

Data File: /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2372.d
Report Date: 20-Sep-2013 14:01

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2372.d
Lab Smp Id: 460-62993-E-3-C Client Smp ID: PMP-6SE-SI
Inj Date : 20-SEP-2013 07:03
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62993-E-3-C
Misc Info : 460-62993-E-3-C
Comment   :
Method   : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/8270C_11.m
Meth Date : 20-Sep-2013 12:31 czhao Quant Type: ISTD
Cal Date : 19-SEP-2013 03:37 Cal File: z2314.d
Als bottle: 5
Dil Factor: 5.00000
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	5.00000	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	14.23423	% 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	3.194	3.188	(0.715)	172210	13.5958	5300
$ 17 Phenol-d5 (SUR)	99	4.082	4.111	(0.914)	217987	13.7692	5300
* 79 1,4-Dichlorobenzene-d4	152	4.464	4.470	(1.000)	357157	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.017	5.035	(0.873)	94129	6.19265	2400
* 80 Naphthalene-d8	136	5.746	5.758	(1.000)	1305662	40.0000	
34 2-Methylnaphthalene	142	6.464	6.470	(1.125)	3765	0.17440	68(a)
120 1-Methylnaphthalene	142	6.564	6.570	(1.142)	2926	0.12983	50(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.829	6.840	(0.910)	160519	7.41551	2900
125 1,3-Dimethylnaphthalene	156	7.164	7.176	(0.955)	39832	2.49597	970(aH)
* 82 Acenaphthene-d10	164	7.505	7.511	(1.000)	585929	40.0000	
47 Fluorene	166	8.046	8.052	(1.072)	11337	0.58355	230(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	8.287	8.287	(1.104)	29716	14.3136	5600
* 83 Phenanthrene-d10	188	8.976	8.976	(1.000)	676125	40.0000	

Data File: /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2372.d
Report Date: 20-Sep-2013 14:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	52 Phenanthrene	178	8.999	8.999	(1.003)	46816	2.33753	910(a)
	57 Pyrene	202	10.399	10.399	(0.883)	2742	0.16711	65(a)
$	78 Terphenyl-d14	244	10.552	10.558	(0.896)	74093	7.20006	2800
*	81 Chrysene-d12	240	11.775	11.781	(1.000)	313999	40.0000	
*	84 Perylene-d12	264	13.734	13.734	(1.000)	240806	40.0000	

QC Flag Legend

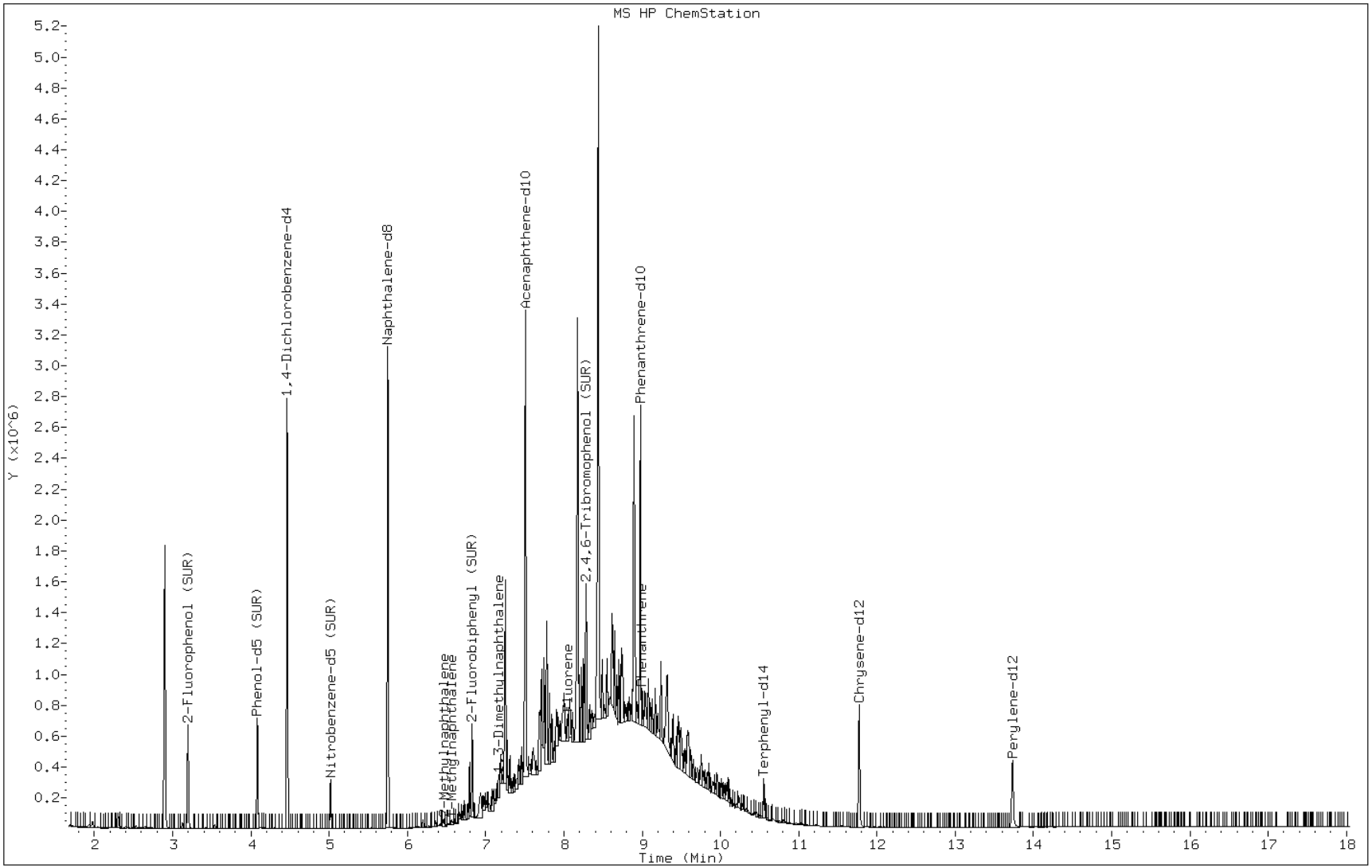
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: z2372.d

Date: 20-SEP-2013 07:03

Client ID: PMP-6SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-3-C Operator: BNAMS 4



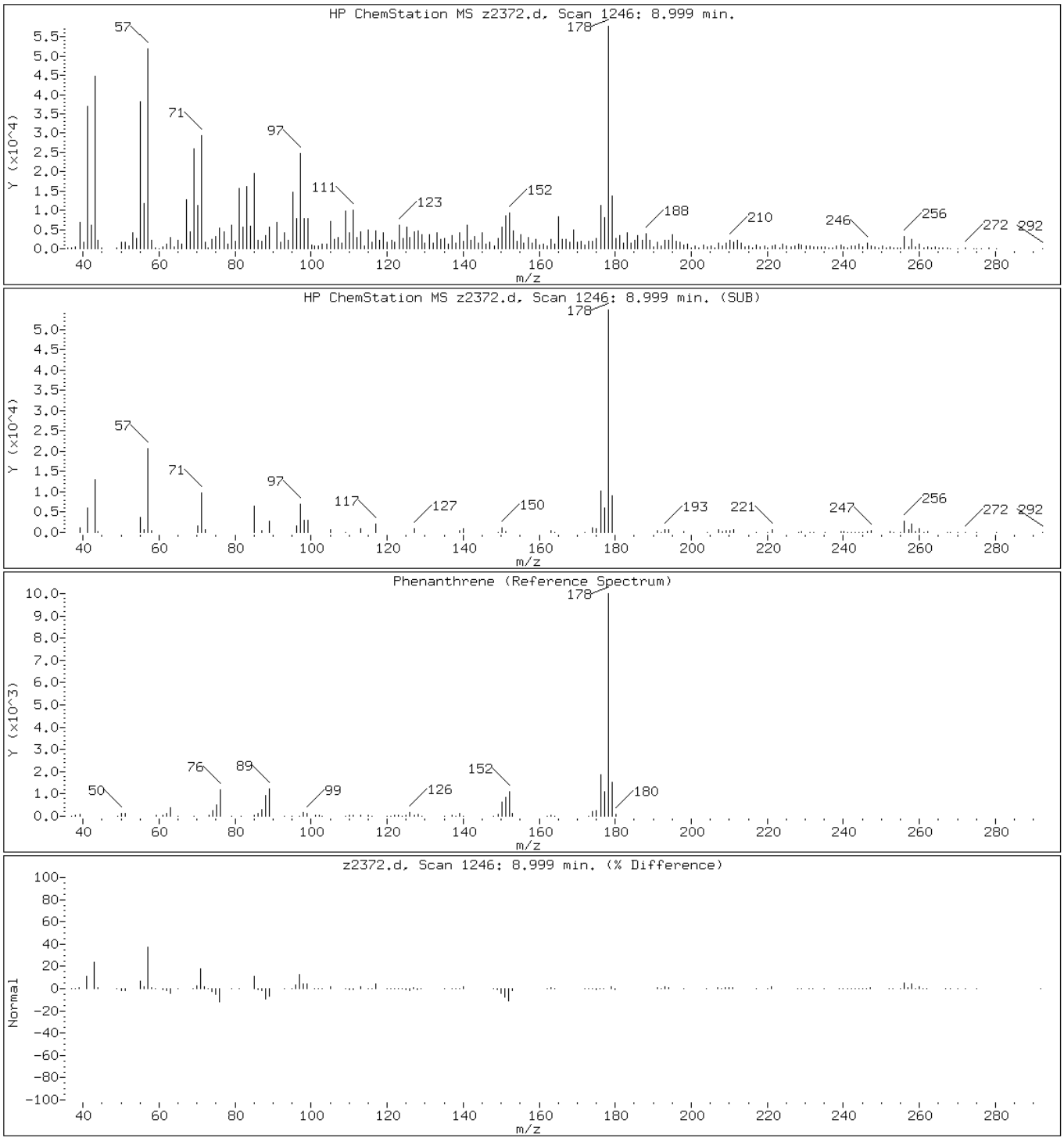
Data File: z2372.d

Date: 20-SEP-2013 07:03

Client ID: PMP-6SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-3-C Operator: BNAMS 4

52 Phenanthrene



Data File: z2372.d

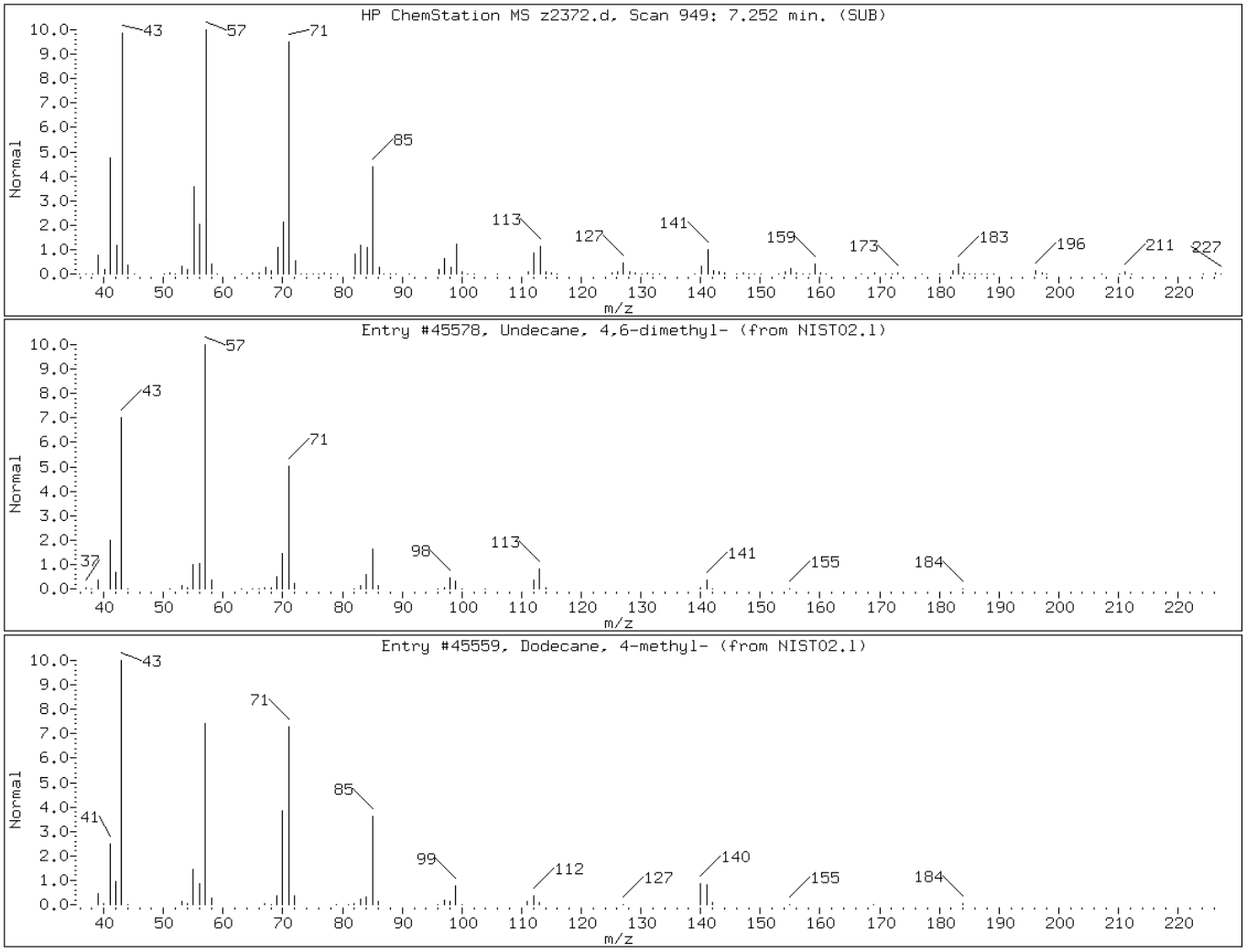
Date: 20-SEP-2013 07:03

Client ID: PMP-6SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-3-C Operator: BNAMS 4

Retention Time: 7.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.l	45578	76	C13H28	184
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45559	76	C13H28	184



Data File: z2372.d

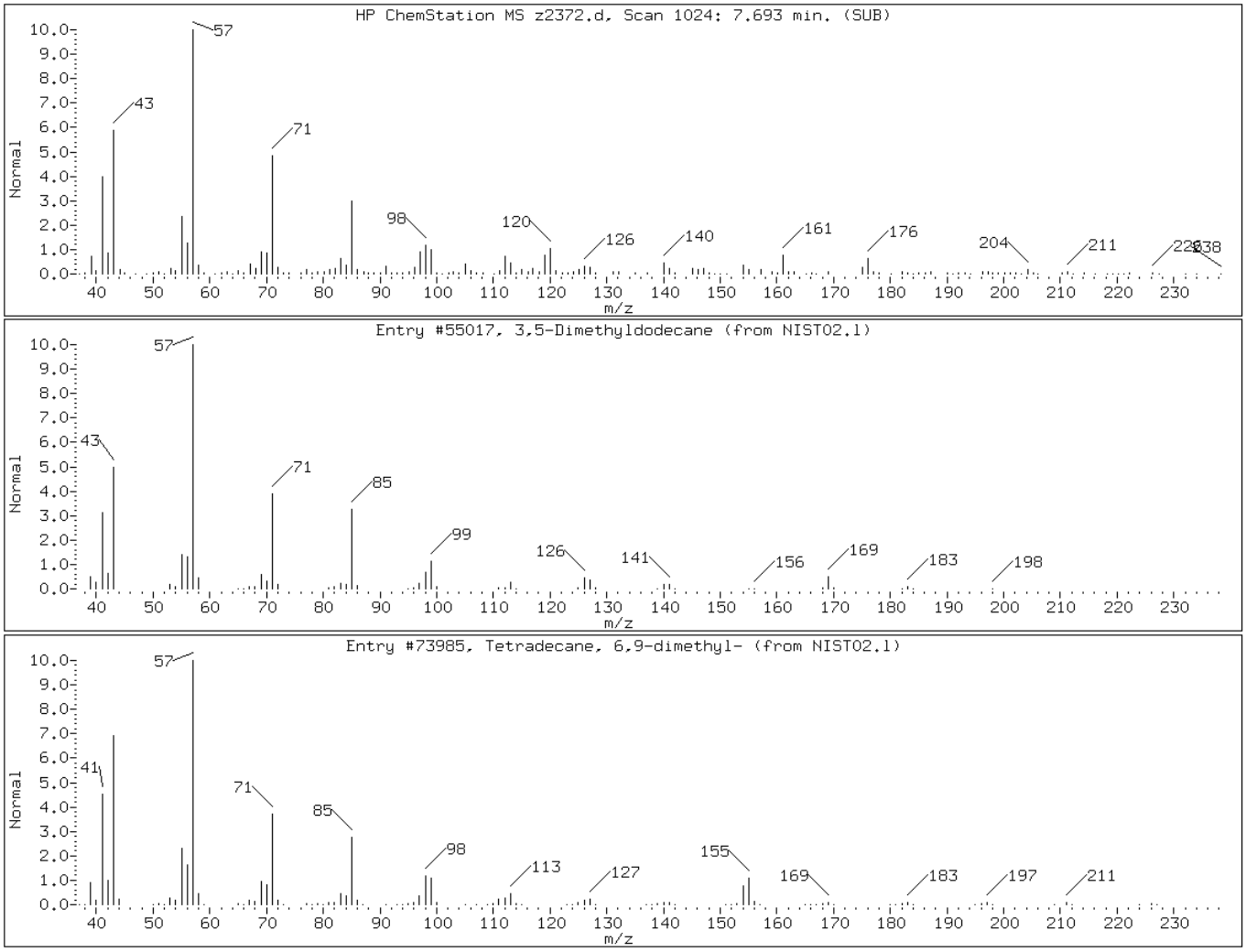
Date: 20-SEP-2013 07:03

Client ID: PMP-6SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-3-C Operator: BNAMS 4

Retention Time: 7.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
3,5-Dimethyldodecane	107770-99-0	NIST02.l	55017	76	C14H30	198
Tetradecane, 6,9-dimethyl-	55045-13-1	NIST02.l	73985	60	C16H34	226



Data File: z2372.d

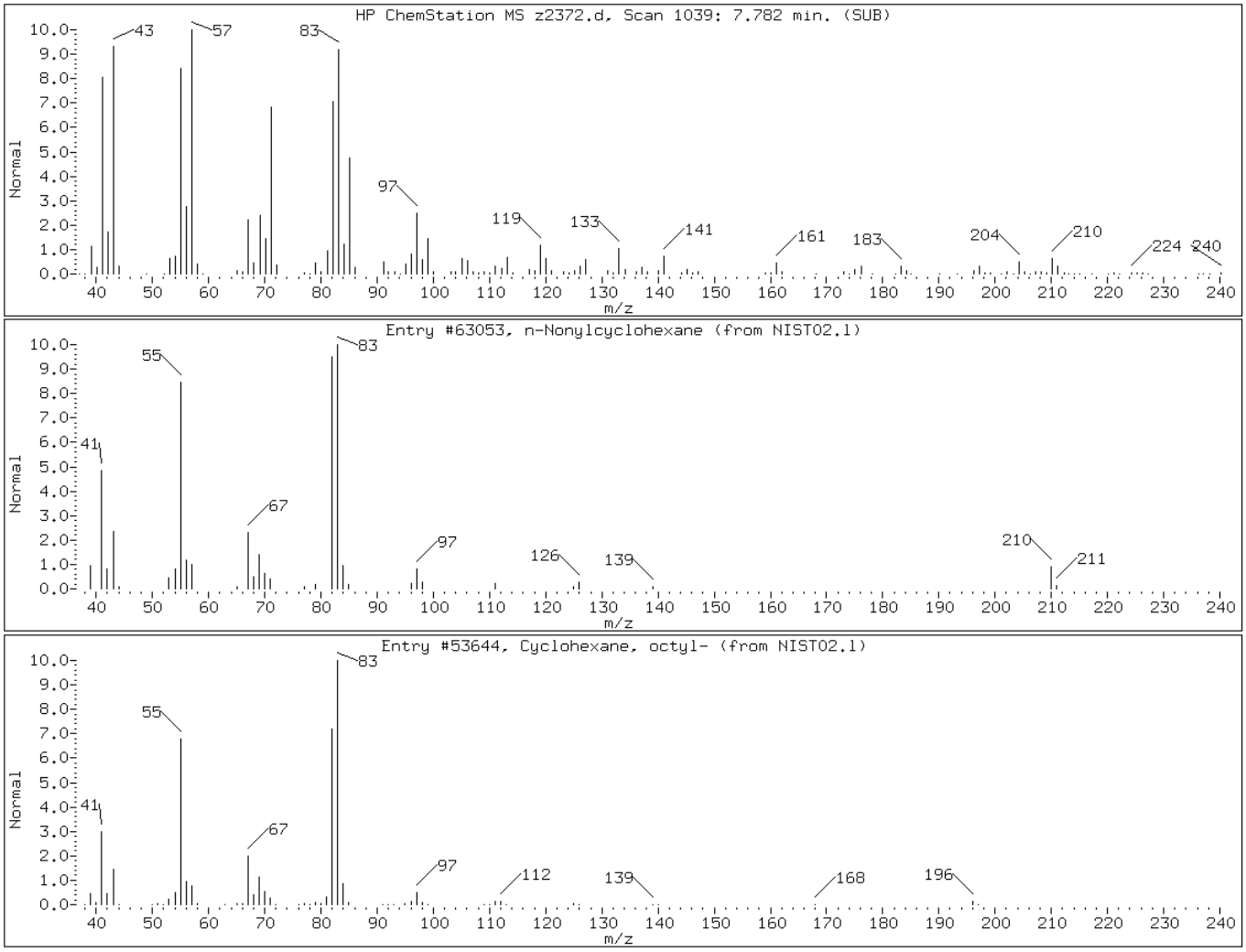
Date: 20-SEP-2013 07:03

Client ID: PMP-6SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-3-C Operator: BNAMS 4

Retention Time: 7.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
n-Nonylcyclohexane	2883-02-5	NIST02.l	63053	45	C15H30	210
Cyclohexane, octyl-	1795-15-9	NIST02.l	53644	45	C14H28	196



Data File: z2372.d

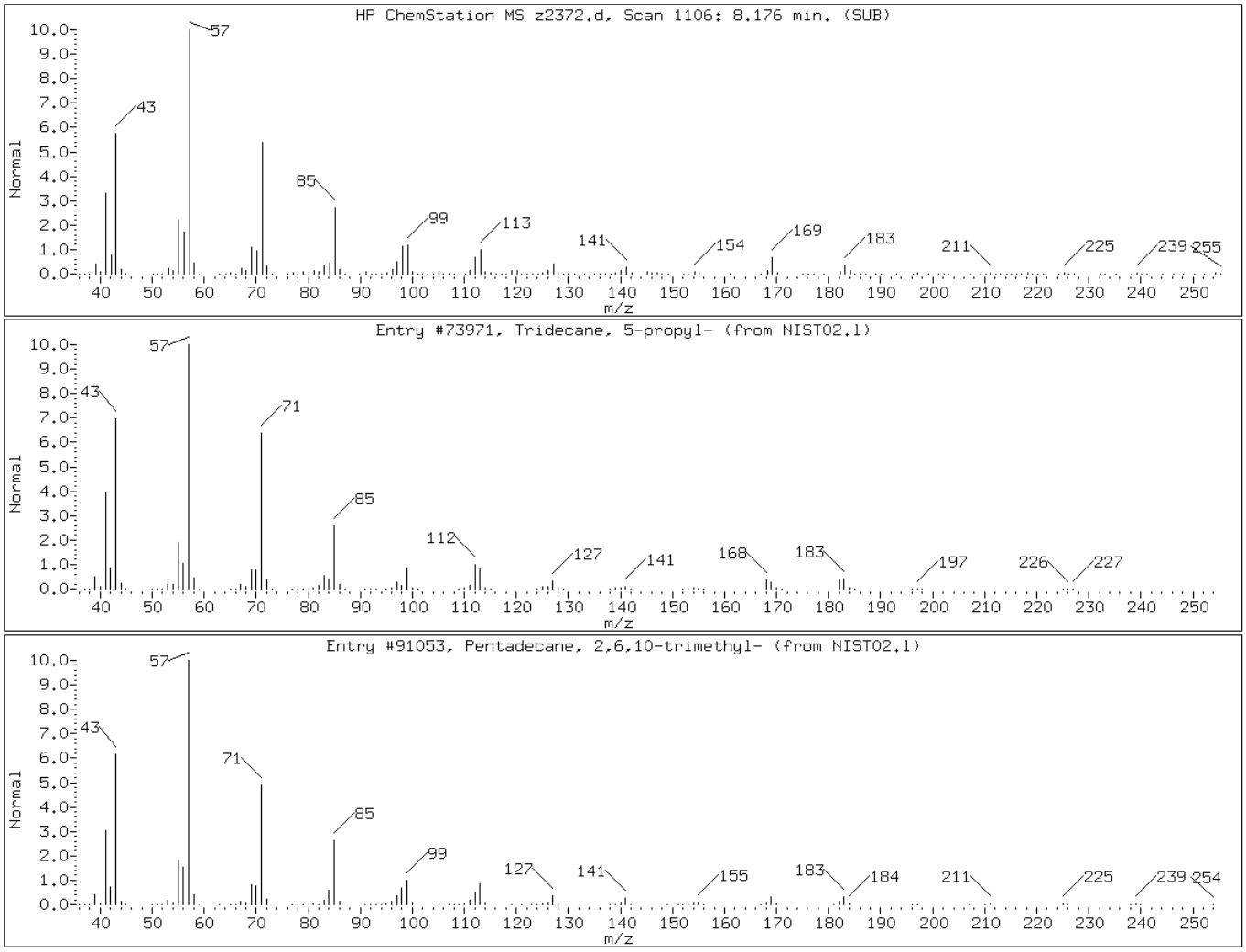
Date: 20-SEP-2013 07:03

Client ID: PMP-6SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-3-C Operator: BNAMS 4

Retention Time: 8.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	93	C16H34	226
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	91	C18H38	254



Data File: z2372.d

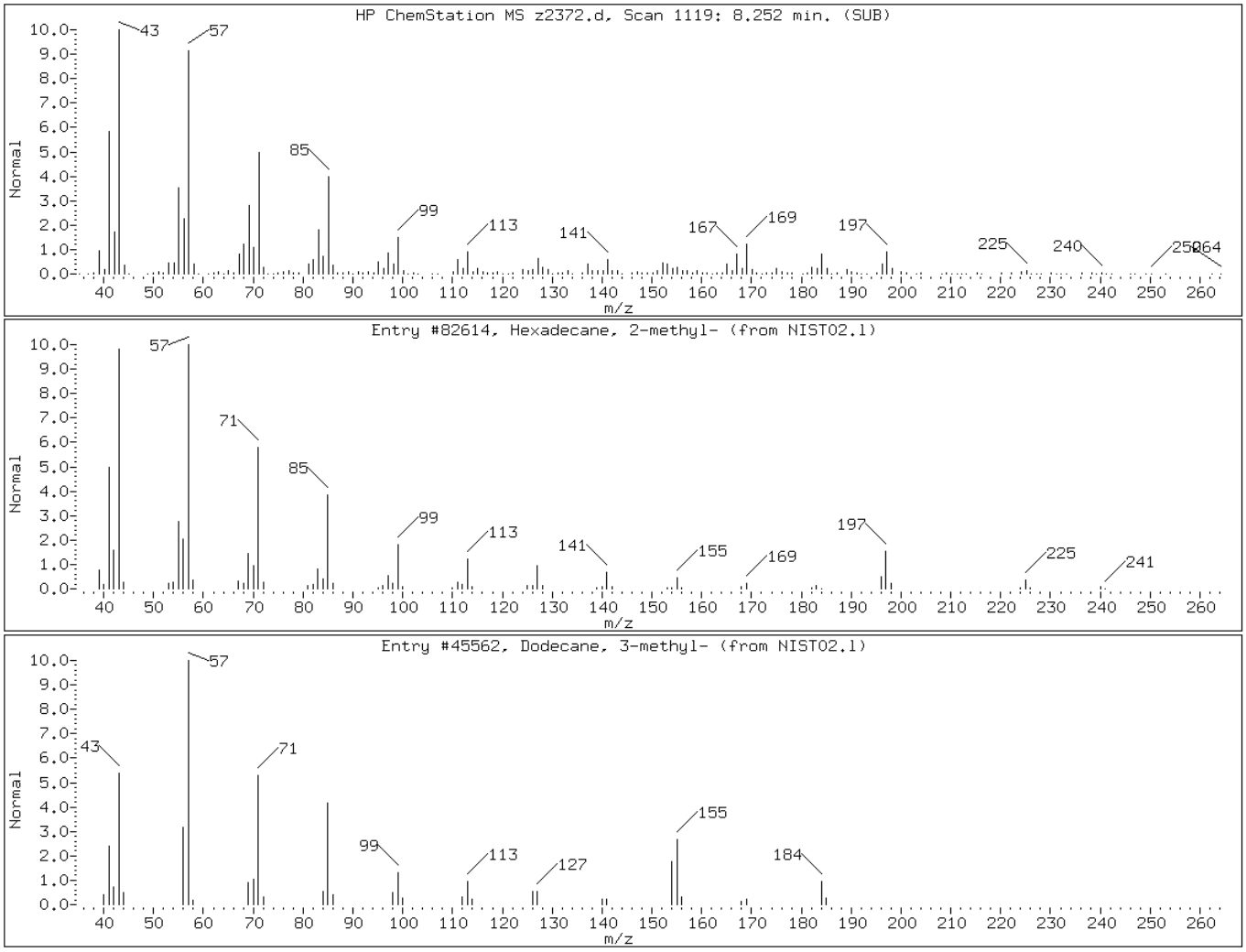
Date: 20-SEP-2013 07:03

Client ID: PMP-6SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-3-C Operator: BNAMS 4

Retention Time: 8.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Hexadecane, 2-methyl-	1560-92-5	NIST02.l	82614	92	C17H36	240
Dodecane, 3-methyl-	17312-57-1	NIST02.l	45562	91	C13H28	184



Data File: z2372.d

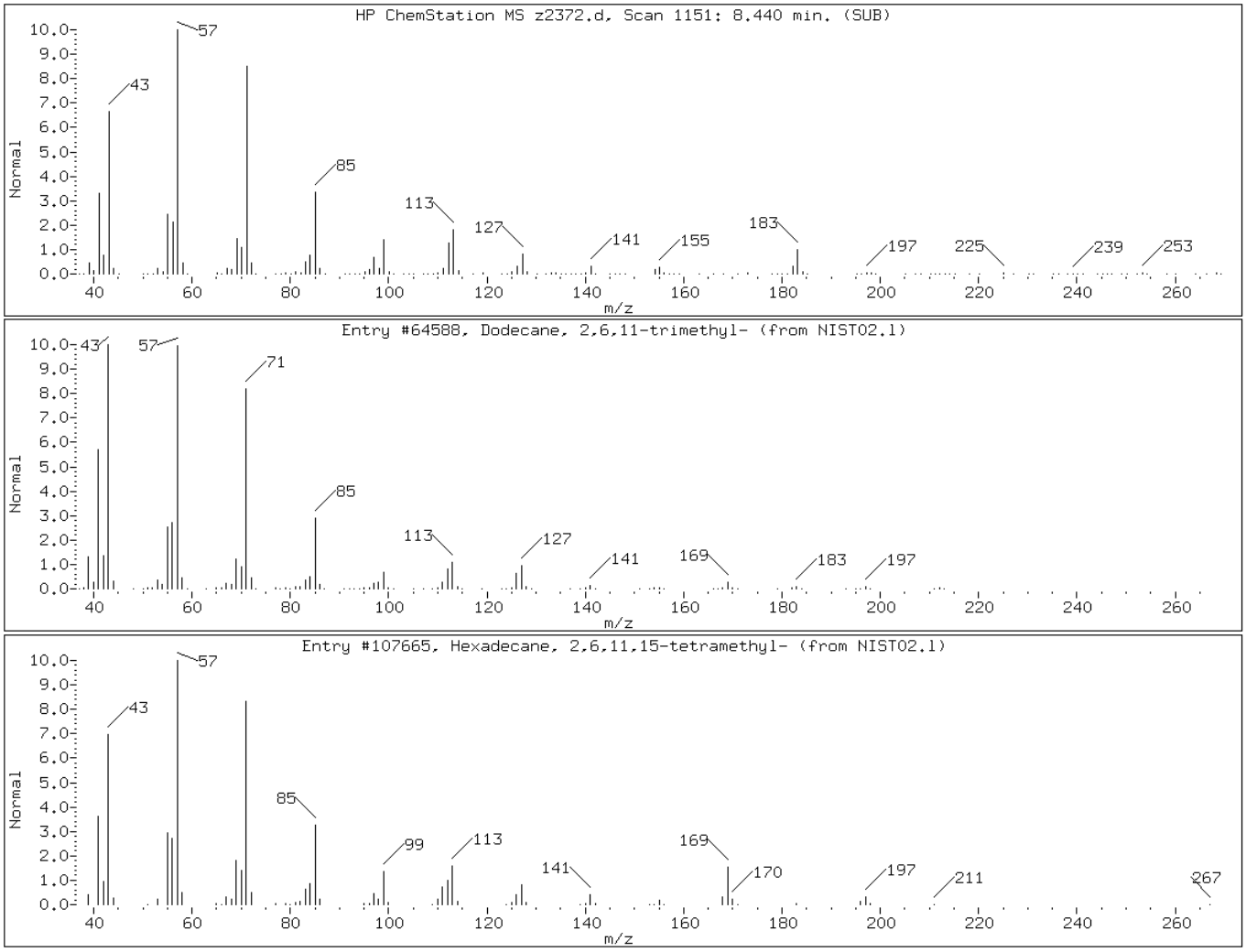
Date: 20-SEP-2013 07:03

Client ID: PMP-6SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-3-C Operator: BNAMS 4

Retention Time: 8.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64588	93	C15H32	212
Hexadecane, 2,6,11,15-tetramethyl-	504-44-9	NIST02.l	107665	91	C20H42	282



Data File: z2372.d

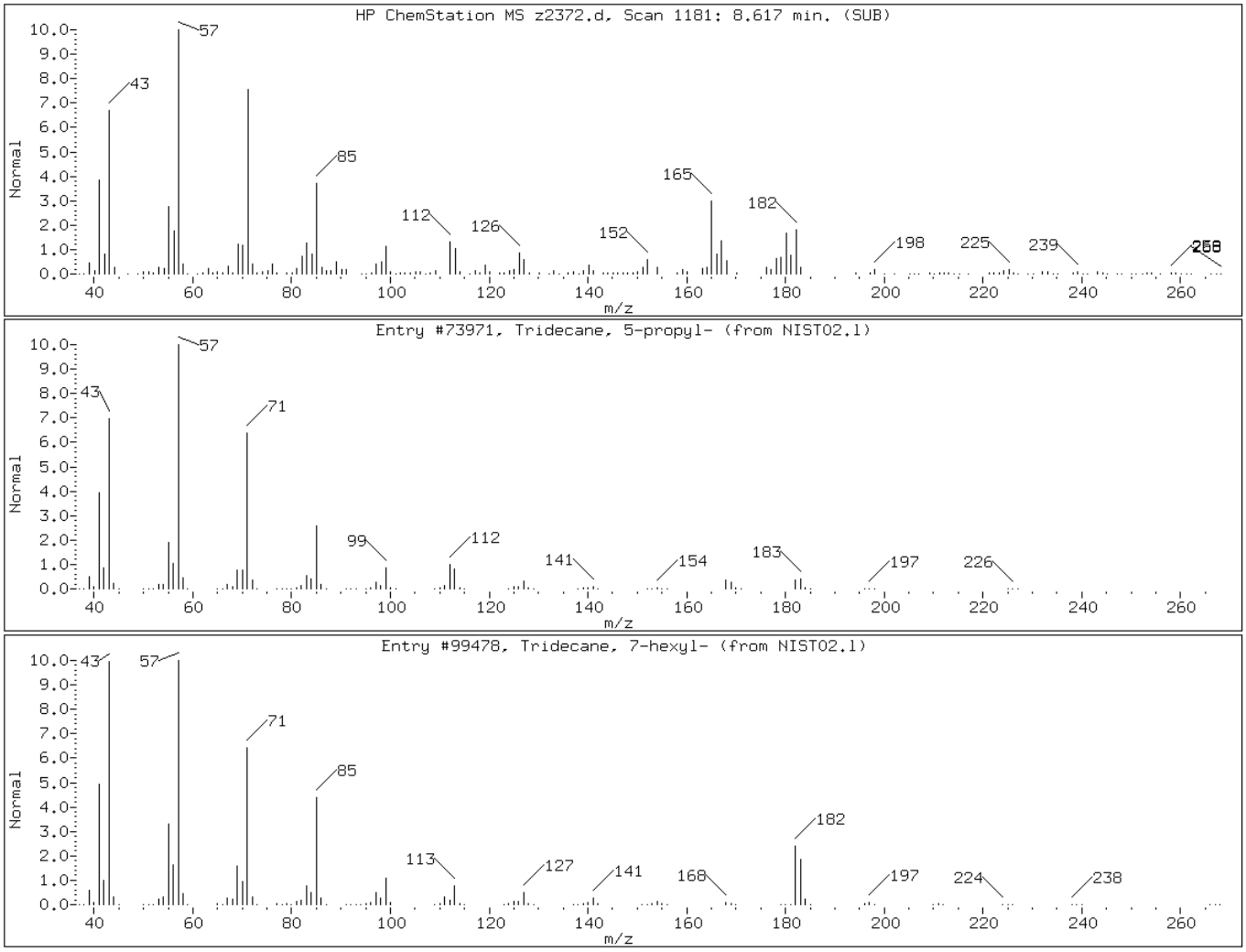
Date: 20-SEP-2013 07:03

Client ID: PMP-6SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-3-C Operator: BNAMS 4

Retention Time: 8.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	76	C16H34	226
Tridecane, 7-hexyl-	7225-66-3	NIST02.l	99478	70	C19H40	268



Data File: z2372.d

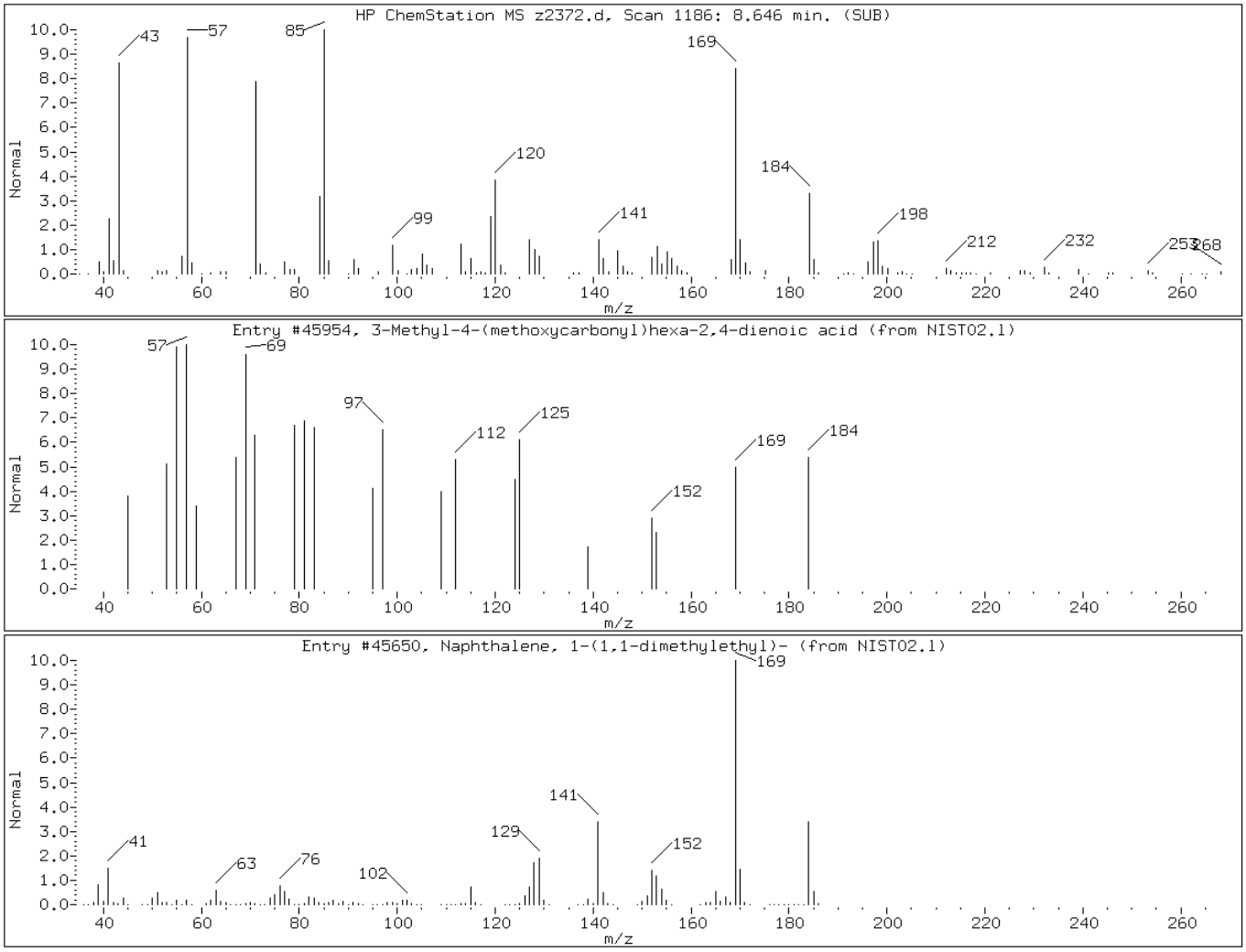
Date: 20-SEP-2013 07:03

Client ID: PMP-6SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-3-C Operator: BNAMS 4

Retention Time: 8.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane/Unknown						
3-Methyl-4-(methoxycarbonyl)hexa-2	1000104-10-8	NIST02.l	45954	56	C9H12O4	184
Naphthalene, 1-(1,1-dimethylethyl)	17085-91-5	NIST02.l	45650	35	C14H16	184



Data File: z2372.d

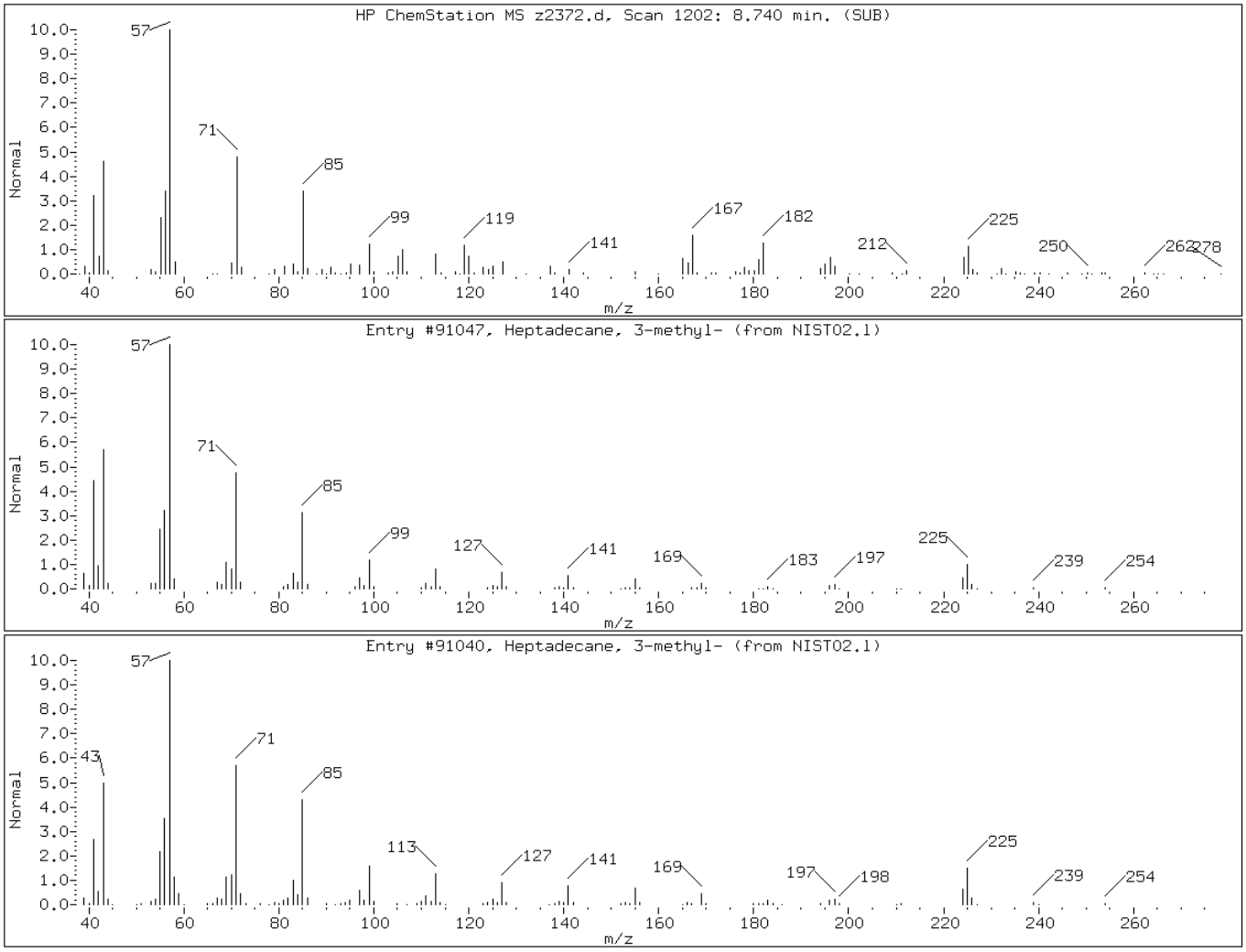
Date: 20-SEP-2013 07:03

Client ID: PMP-6SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-3-C Operator: BNAMS 4

Retention Time: 8.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Heptadecane, 3-methyl-	6418-44-6	NIST02.l	91047	83	C18H38	254
Heptadecane, 3-methyl-	6418-44-6	NIST02.l	91040	64	C18H38	254



Data File: z2372.d

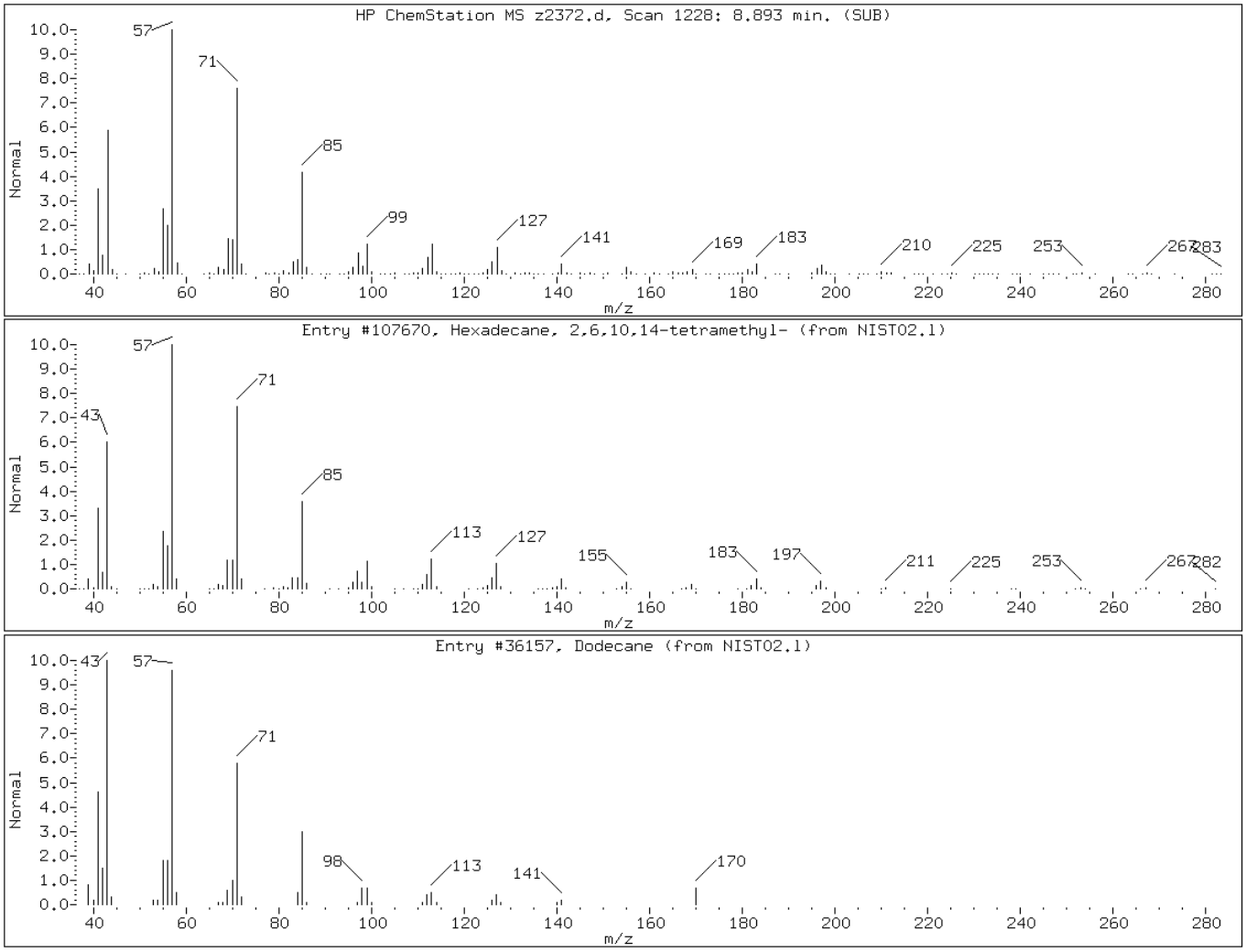
Date: 20-SEP-2013 07:03

Client ID: PMP-6SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-3-C Operator: BNAMS 4

Retention Time: 8.89

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	107670	99	C20H42	282
Dodecane	112-40-3	NIST02.l	36157	87	C12H26	170



Data File: z2372.d

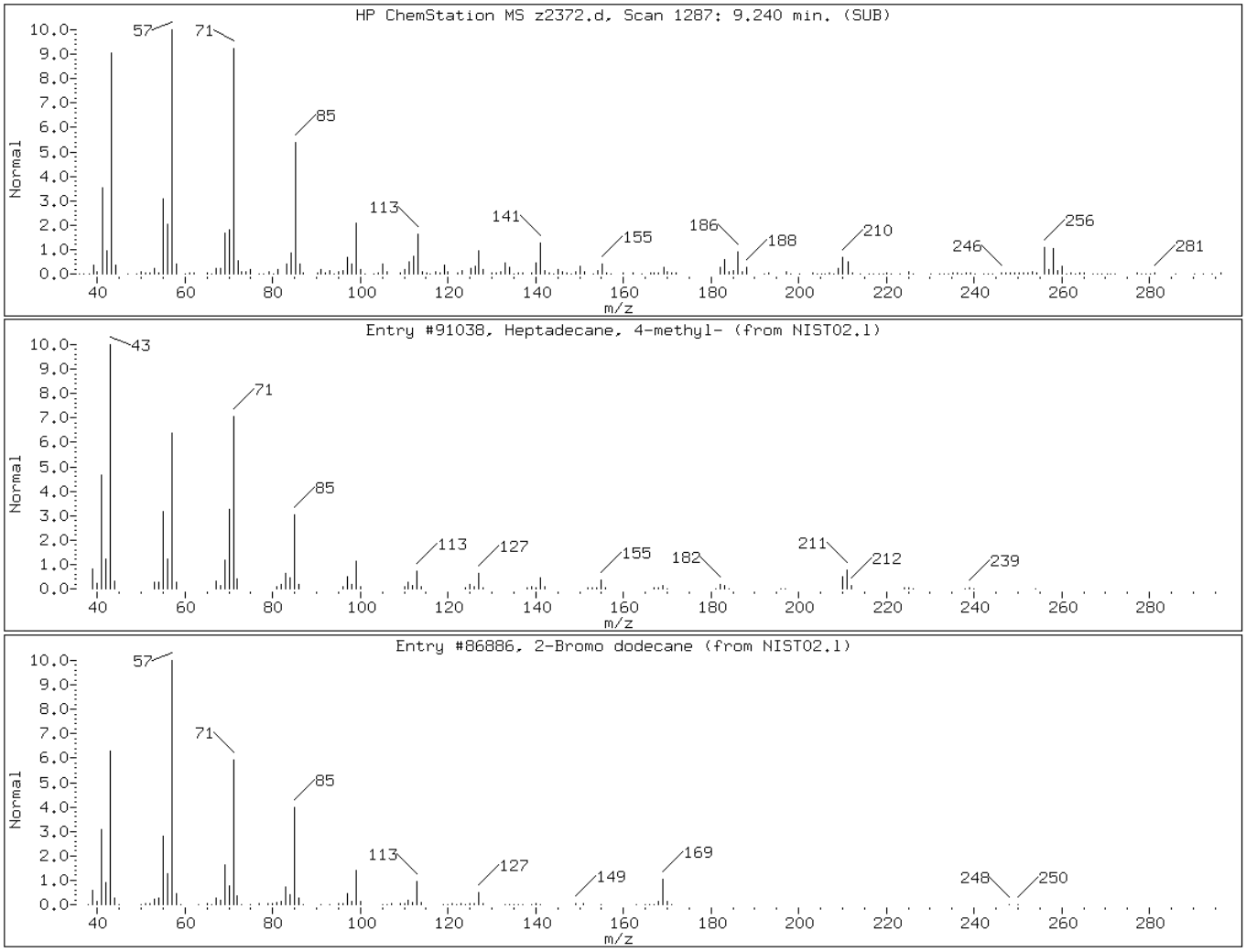
Date: 20-SEP-2013 07:03

Client ID: PMP-6SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-3-C Operator: BNAMS 4

Retention Time: 9.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Heptadecane, 4-methyl-	26429-11-8	NIST02.l	91038	91	C18H38	254
2-Bromo dodecane	13187-99-0	NIST02.l	86886	89	C12H25Br	248



Data File: z2372.d

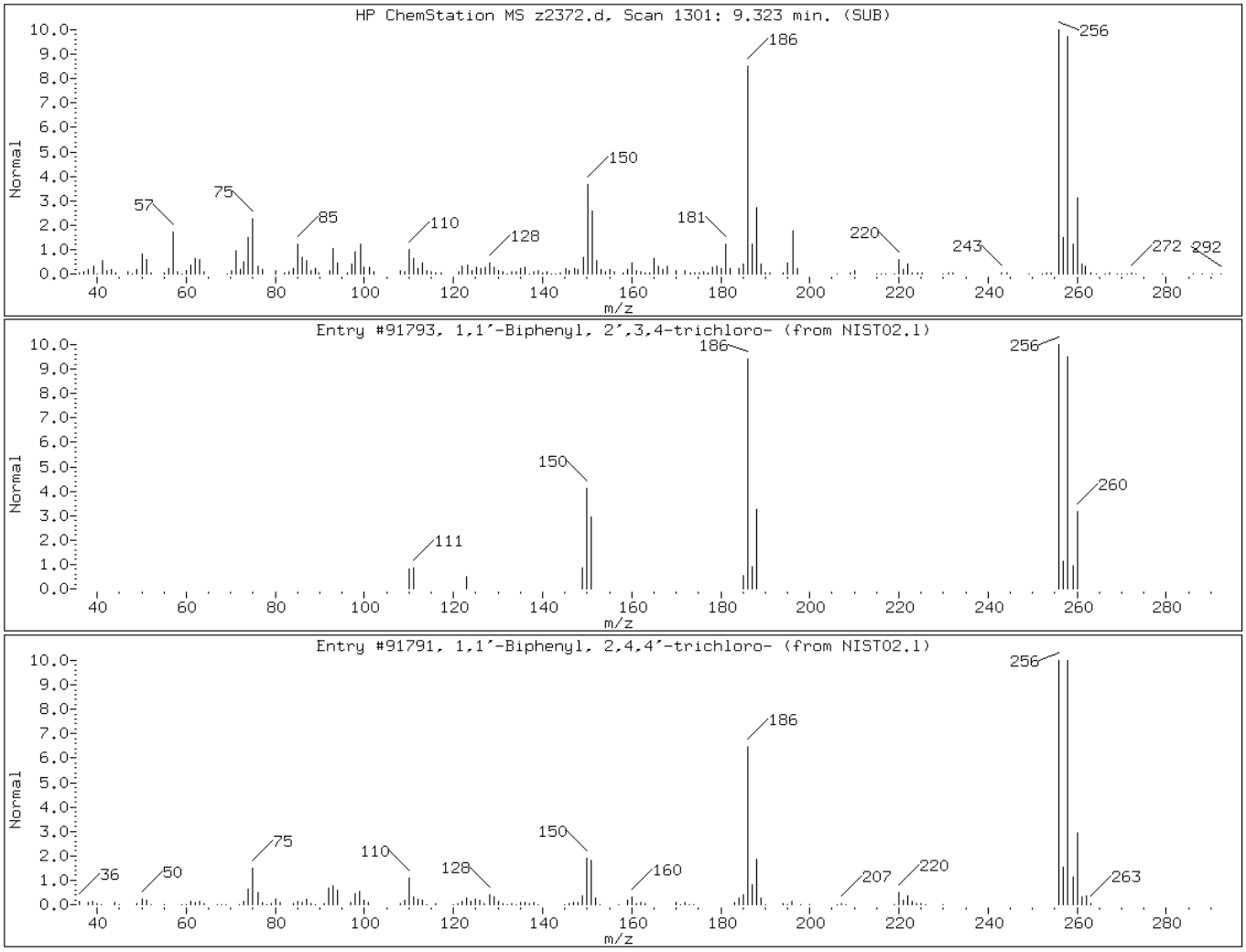
Date: 20-SEP-2013 07:03

Client ID: PMP-6SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-3-C Operator: BNAMS 4

Retention Time: 9.32

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, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	97	C12H7Cl3	256



Data File: z2372.d

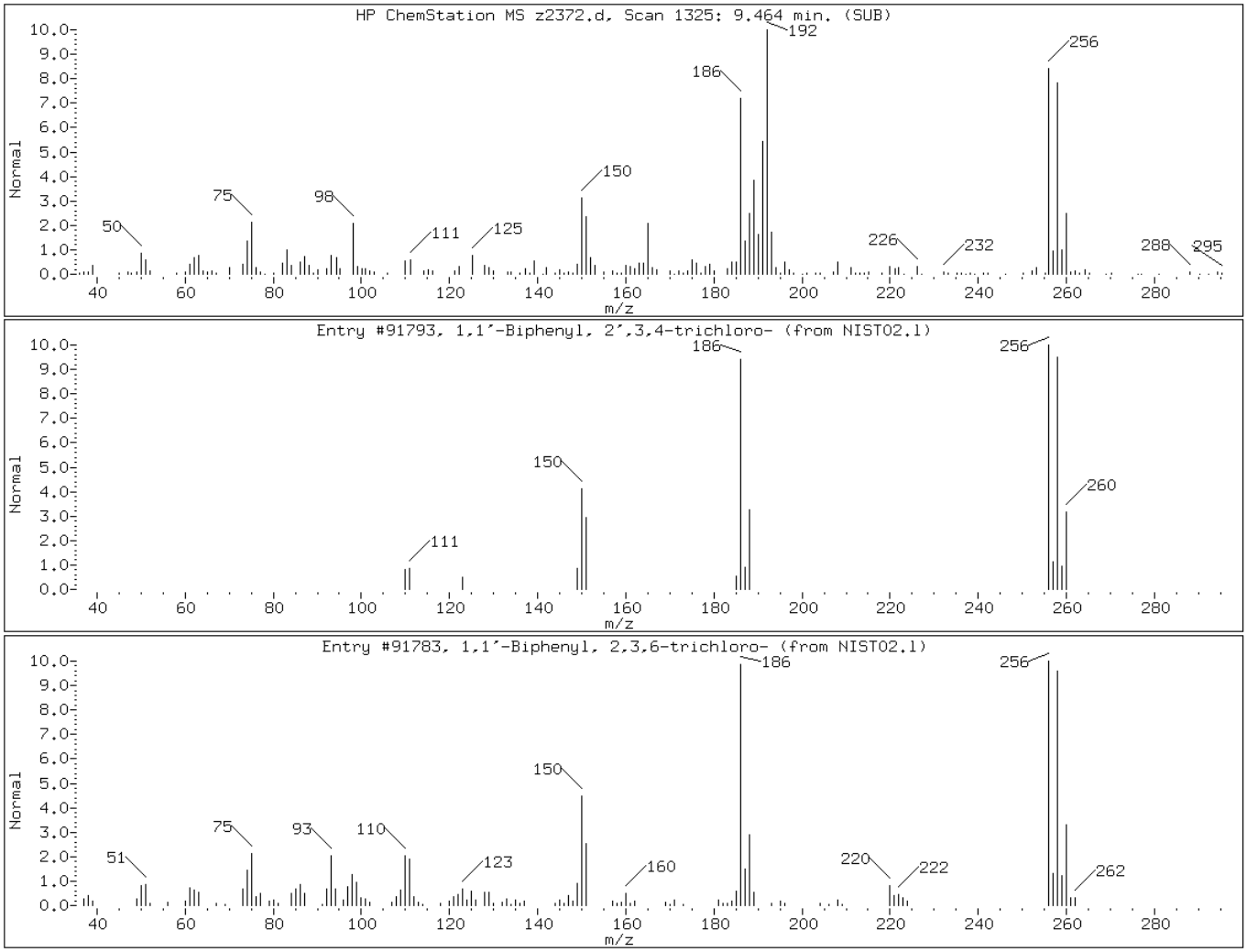
Date: 20-SEP-2013 07:03

Client ID: PMP-6SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-3-C Operator: BNAMS 4

Retention Time: 9.46

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	90	C12H7Cl3	256
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	90	C12H7Cl3	256



Data File: z2372.d

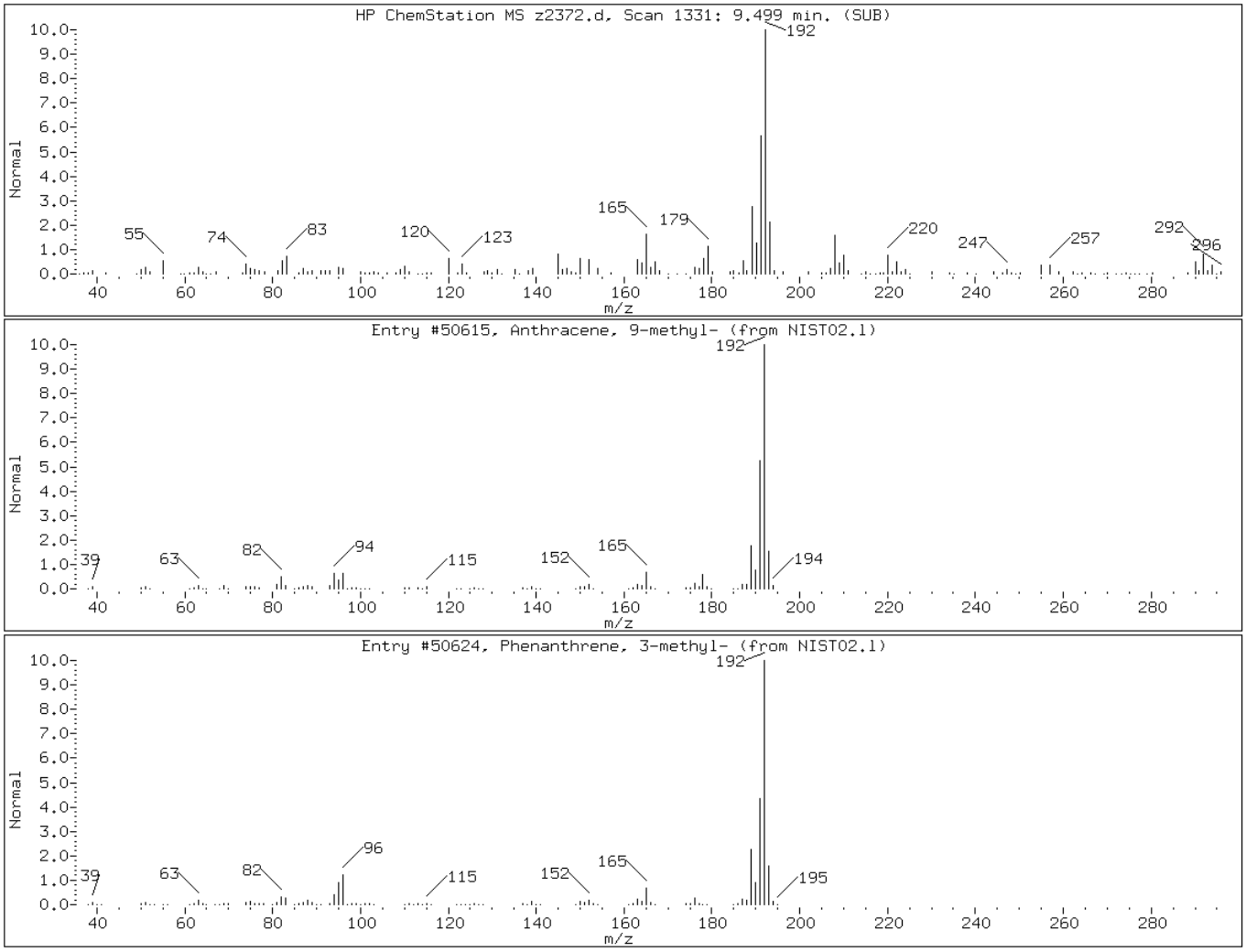
Date: 20-SEP-2013 07:03

Client ID: PMP-6SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-3-C Operator: BNAMS 4

Retention Time: 9.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH						
Anthracene, 9-methyl-	779-02-2	NIST02.l	50615	91	C15H12	192
Phenanthrene, 3-methyl-	832-71-3	NIST02.l	50624	86	C15H12	192



Data File: z2372.d

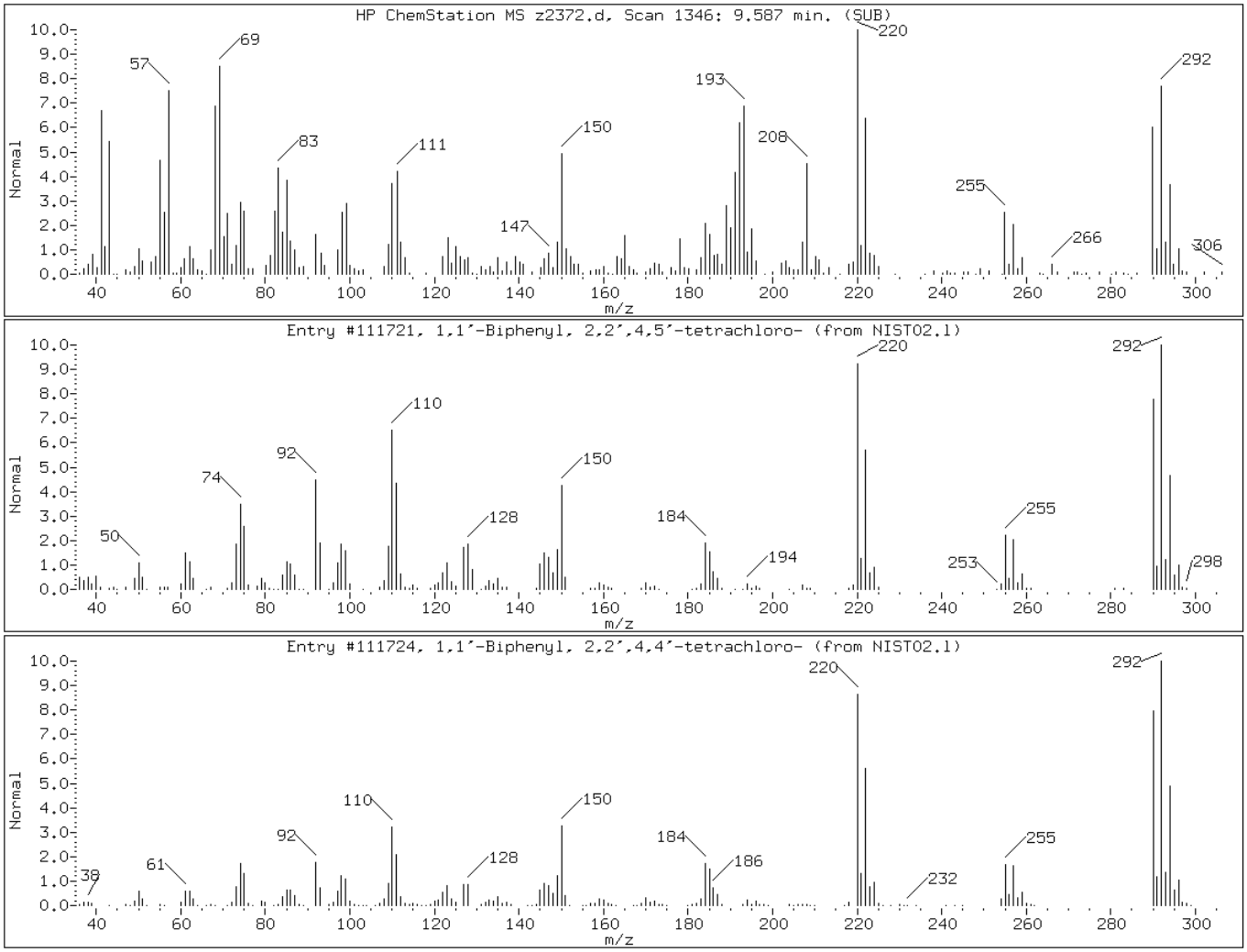
Date: 20-SEP-2013 07:03

Client ID: PMP-6SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-3-C Operator: BNAMS 4

Retention Time: 9.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,2',4,5'-tetrachlo	41464-40-8	NIST02.l	111721	97	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	97	C12H6Cl4	290



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-VD | Lab Sample ID: 460-62993-4

Matrix: Solid | Lab File ID: z2373.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:35

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.04(g) | Date Analyzed: 09/20/2013 07:28

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.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	46	U	350	46
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	59	U	350	59
106-44-5	4-Methylphenol	68	U	350	68
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	53	U	350	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	35	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	350	38
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
98-95-3	Nitrobenzene	4.9	U	35	4.9
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	42	U	350	42
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	85	U	350	85
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	40	U	350	40
106-47-8	4-Chloroaniline	92	U	350	92
87-68-3	Hexachlorobutadiene	8.4	U	70	8.4
105-60-2	Caprolactam	80	U	350	80
59-50-7	4-Chloro-3-methylphenol	52	U	350	52
91-57-6	2-Methylnaphthalene	44	U	350	44
118-74-1	Hexachlorobenzene	4.7	U	35	4.7
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	46	U	350	46
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	140	U	700	140
606-20-2	2,6-Dinitrotoluene	10	U	70	10
131-11-3	Dimethyl phthalate	41	U	350	41
208-96-8	Acenaphthylene	41	U	350	41
99-09-2	3-Nitroaniline	120	U	700	120
83-32-9	Acenaphthene	50	U	350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-VD | Lab Sample ID: 460-62993-4

Matrix: Solid | Lab File ID: z2373.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:35

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.04(g) | Date Analyzed: 09/20/2013 07:28

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.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	200	U	1000	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	41	U	350	41
86-73-7	Fluorene	44	U	350	44
206-44-0	Fluoranthene	46	U	350	46
84-74-2	Di-n-butyl phthalate	43	U	350	43
121-14-2	2,4-Dinitrotoluene	11	U	70	11
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	700	110
534-52-1	4,6-Dinitro-2-methylphenol	94	U	1000	94
101-55-3	4-Bromophenyl phenyl ether	34	U	350	34
1912-24-9	Atrazine	53	U	350	53
120-12-7	Anthracene	42	U	350	42
86-74-8	Carbazole	41	U	350	41
85-01-8	Phenanthrene	44	U	350	44
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	29	U	350	29
218-01-9	Chrysene	40	U	350	40
207-08-9	Benzo[k]fluoranthene	2.6	U	35	2.6
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.4	U	35	2.4
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	350	34
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	35	6.4
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	350	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-VD Lab Sample ID: 460-62993-4

Matrix: Solid Lab File ID: z2373.d

Analysis Method: 8270C Date Collected: 09/13/2013 08:35

Extract. Method: 3541 Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.04(g) Date Analyzed: 09/20/2013 07:28

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.: 182384 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	60		38-105
4165-62-2	Phenol-d5	72		41-118
1718-51-0	Terphenyl-d14	83		16-151
118-79-6	2,4,6-Tribromophenol	69		10-120
367-12-4	2-Fluorophenol	66		37-125
321-60-8	2-Fluorobiphenyl	65		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-VD Lab Sample ID: 460-62993-4

Matrix: Solid Lab File ID: z2373.d

Analysis Method: 8270C Date Collected: 09/13/2013 08:35

Extract. Method: 3541 Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.04(g) Date Analyzed: 09/20/2013 07:28

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.: 182384 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/8270/09-19-13/20sep13.b/z2373.d
Report Date: 20-Sep-2013 14:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2373.d
Lab Smp Id: 460-62993-E-4-C Client Smp ID: PMP-5SE-VD
Inj Date : 20-SEP-2013 07:28
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62993-E-4-C
Misc Info : 460-62993-E-4-C
Comment   :
Method   : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/8270C_11.m
Meth Date : 20-Sep-2013 12:31 czhao Quant Type: ISTD
Cal Date : 19-SEP-2013 03:37 Cal File: z2314.d
Als bottle: 6
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	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	3.253	3.188	(0.728)	721010	66.2583	4600
$ 17 Phenol-d5 (SUR)	99	4.105	4.111	(0.918)	984523	72.3869	5000
* 79 1,4-Dichlorobenzene-d4	152	4.470	4.470	(1.000)	306835	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.017	5.035	(0.873)	423151	30.1606	2100
* 80 Naphthalene-d8	136	5.747	5.758	(1.000)	1205137	40.0000	
34 2-Methylnaphthalene	142	6.464	6.470	(1.125)	2121	0.10643	7.4(aH)
120 1-Methylnaphthalene	142	6.564	6.570	(1.142)	1850	0.08891	6.2(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.829	6.840	(0.910)	719309	32.4436	2300
125 1,3-Dimethylnaphthalene	156	7.164	7.176	(0.955)	5464	0.33428	23(a)
* 82 Acenaphthene-d10	164	7.505	7.511	(1.000)	600129	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.288	8.287	(1.104)	145756	68.5451	4800
* 83 Phenanthrene-d10	188	8.970	8.976	(1.000)	770069	40.0000	
$ 78 Terphenyl-d14	244	10.558	10.558	(0.897)	406860	41.3489	2900

Data File: /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2373.d
Report Date: 20-Sep-2013 14:07

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 81 Chrysene-d12	240	11.776	11.781	(1.000)	300238	40.0000	
* 84 Perylene-d12	264	13.734	13.734	(1.000)	212268	40.0000	

QC Flag Legend

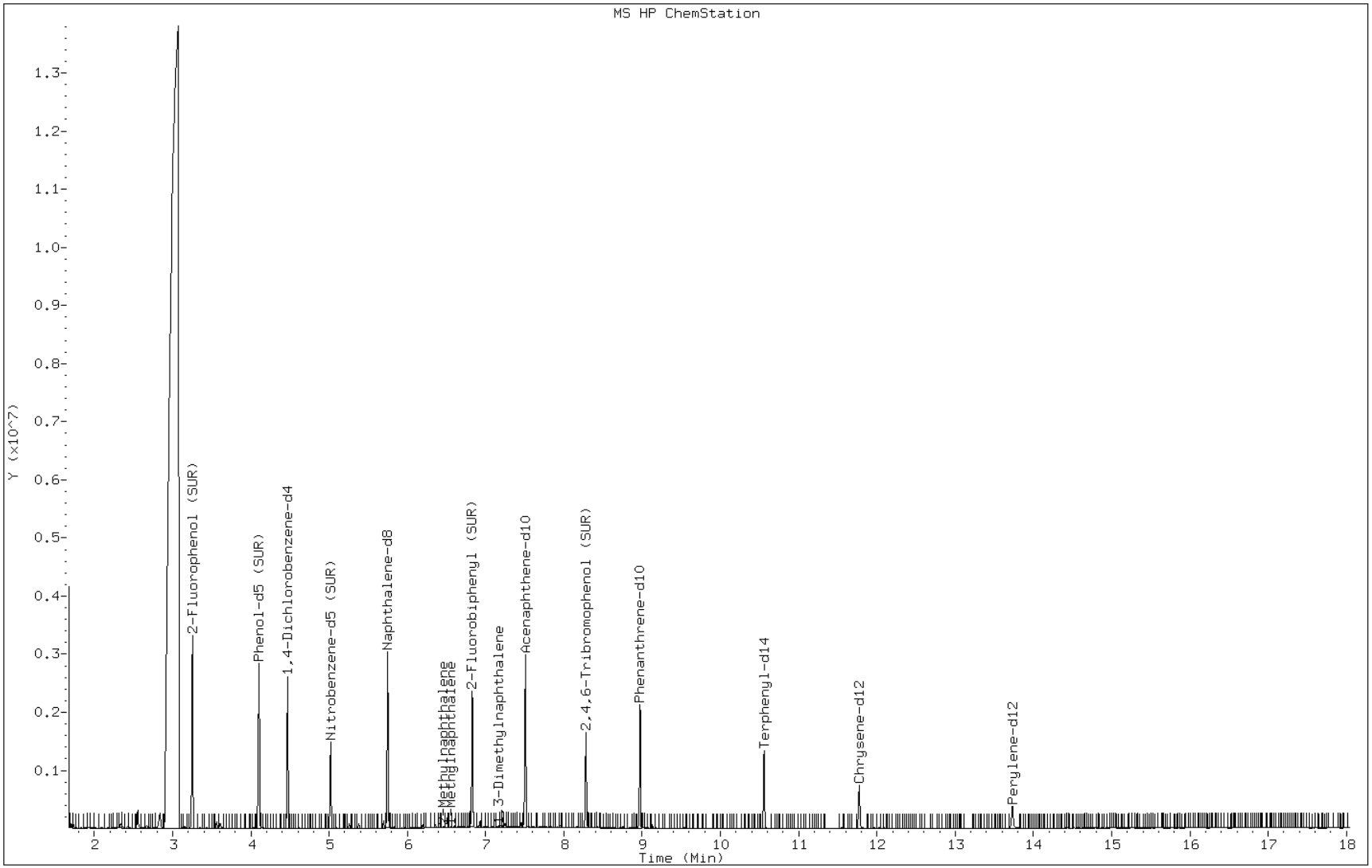
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: z2373.d

Date: 20-SEP-2013 07:28

Client ID: PMP-5SE-VD Instrument: BNAMS11.i

Sample Info: 460-62993-E-4-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-WT | Lab Sample ID: 460-62993-5

Matrix: Solid | Lab File ID: z2374.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:40

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.03(g) | Date Analyzed: 09/20/2013 07:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	49	U	360	49
95-57-8	2-Chlorophenol	48	U	360	48
95-48-7	2-Methylphenol	62	U	360	62
106-44-5	4-Methylphenol	72	U	360	72
100-52-7	Benzaldehyde	43	U	360	43
98-86-2	Acetophenone	56	U	360	56
111-44-4	Bis(2-chloroethyl)ether	5.0	U	36	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	40	U	360	40
621-64-7	N-Nitrosodi-n-propylamine	6.1	U	36	6.1
98-95-3	Nitrobenzene	5.2	U	36	5.2
67-72-1	Hexachloroethane	4.1	U	36	4.1
78-59-1	Isophorone	44	U	360	44
88-75-5	2-Nitrophenol	41	U	360	41
105-67-9	2,4-Dimethylphenol	90	U	360	90
120-83-2	2,4-Dichlorophenol	54	U	360	54
111-91-1	Bis(2-chloroethoxy)methane	47	U	360	47
91-20-3	Naphthalene	42	U	360	42
106-47-8	4-Chloroaniline	97	U	360	97
87-68-3	Hexachlorobutadiene	8.9	U	74	8.9
105-60-2	Caprolactam	84	U	360	84
59-50-7	4-Chloro-3-methylphenol	55	U	360	55
91-57-6	2-Methylnaphthalene	95	J	360	47
118-74-1	Hexachlorobenzene	5.0	U	36	5.0
77-47-4	Hexachlorocyclopentadiene	43	U	360	43
88-06-2	2,4,6-Trichlorophenol	43	U	360	43
95-95-4	2,4,5-Trichlorophenol	47	U	360	47
92-52-4	Diphenyl	49	U	360	49
91-58-7	2-Chloronaphthalene	41	U	360	41
88-74-4	2-Nitroaniline	150	U	740	150
606-20-2	2,6-Dinitrotoluene	11	U	74	11
131-11-3	Dimethyl phthalate	43	U	360	43
208-96-8	Acenaphthylene	43	U	360	43
99-09-2	3-Nitroaniline	130	U	740	130
83-32-9	Acenaphthene	53	U	360	53

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-WT | Lab Sample ID: 460-62993-5

Matrix: Solid | Lab File ID: z2374.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:40

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.03(g) | Date Analyzed: 09/20/2013 07:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	43	U	360	43
84-66-2	Diethyl phthalate	44	U	360	44
86-73-7	Fluorene	47	U	360	47
206-44-0	Fluoranthene	49	U	360	49
84-74-2	Di-n-butyl phthalate	45	U	360	45
121-14-2	2,4-Dinitrotoluene	12	U	74	12
7005-72-3	4-Chlorophenyl phenyl ether	43	U	360	43
100-01-6	4-Nitroaniline	110	U	740	110
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	36	U	360	36
1912-24-9	Atrazine	57	U	360	57
120-12-7	Anthracene	44	U	360	44
86-74-8	Carbazole	43	U	360	43
85-01-8	Phenanthrene	740		360	47
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	73	J	360	31
218-01-9	Chrysene	43	U	360	43
207-08-9	Benzo[k]fluoranthene	2.8	U	36	2.8
191-24-2	Benzo[g,h,i]perylene	27	U	360	27
205-99-2	Benzo[b]fluoranthene	2.3	U	36	2.3
50-32-8	Benzo[a]pyrene	2.6	U	36	2.6
56-55-3	Benzo[a]anthracene	2.6	U	36	2.6
86-30-6	N-Nitrosodiphenylamine	36	U	360	36
85-68-7	Butyl benzyl phthalate	34	U	360	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	360	120
117-84-0	Di-n-octyl phthalate	23	U	360	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.8	U	36	6.8
53-70-3	Dibenz(a,h)anthracene	4.6	U	36	4.6
91-94-1	3,3'-Dichlorobenzidine	130	U	740	130
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U	360	49
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	360	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-WT Lab Sample ID: 460-62993-5

Matrix: Solid Lab File ID: z2374.d

Analysis Method: 8270C Date Collected: 09/13/2013 08:40

Extract. Method: 3541 Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.03(g) Date Analyzed: 09/20/2013 07:53

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 9.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	77		38-105
4165-62-2	Phenol-d5	79		41-118
1718-51-0	Terphenyl-d14	71		16-151
118-79-6	2,4,6-Tribromophenol	93		10-120
367-12-4	2-Fluorophenol	77		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-WT | Lab Sample ID: 460-62993-5

Matrix: Solid | Lab File ID: z2374.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:40

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.03(g) | Date Analyzed: 09/20/2013 07:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 170600

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-2	7.26	6100	J
	Unknown Alkane-3	7.47	6100	J
	Unknown Alkane-5	7.97	5100	J
	Unknown Alkane-6	8.19	14000	J
	Unknown Alkane-7	8.27	7400	J
	Unknown Alkane-8	8.46	48000	J
	Dichloro-1,1-biphenyl isomer	8.57	5000	J
	Unknown Alkane-9	8.63	12000	J
	Unknown-6	8.66	5100	J
	Unknown Alkane-10	8.72	5000	J
	Unknown Alkane-11	8.76	8400	J
	Unknown Alkane-12	8.92	26000	J
	Unknown Alkane-15	9.25	6000	J
	Trichloro-1,1-biphenyl isomer-1	9.33	9700	J
	Tetrachloro-1,1-biphenyl isomer	9.60	6700	J

Data File: /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2374.d
Report Date: 20-Sep-2013 14:24

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2374.d
Lab Smp Id: 460-62993-E-5-C Client Smp ID: PMP-5SE-WT
Inj Date : 20-SEP-2013 07:53
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62993-E-5-C
Misc Info : 460-62993-E-5-C
Comment   :
Method   : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/8270C_11.m
Meth Date : 20-Sep-2013 12:31 czhao Quant Type: ISTD
Cal Date : 19-SEP-2013 03:37 Cal File: z2314.d
Als bottle: 7
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	15.03000	Weight of sample extracted (g)
M	9.76492	% 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	3.217	3.188	(0.721)	851015	76.9878	5700
$ 17 Phenol-d5 (SUR)	99	4.099	4.111	(0.918)	1096351	79.3541	5800
* 79 1,4-Dichlorobenzene-d4	152	4.464	4.470	(1.000)	311687	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.017	5.035	(0.873)	502775	38.4147	2800
* 80 Naphthalene-d8	136	5.746	5.758	(1.000)	1124239	40.0000	
34 2-Methylnaphthalene	142	6.464	6.470	(1.125)	23907	1.28599	95(a)
120 1-Methylnaphthalene	142	6.564	6.570	(1.142)	16869	0.86907	64(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.834	6.840	(0.910)	716985	41.0188	3000
125 1,3-Dimethylnaphthalene	156	7.170	7.176	(0.955)	100855	7.82631	580
* 82 Acenaphthene-d10	164	7.511	7.511	(1.000)	473135	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.299	8.287	(1.105)	156360	93.2685	6900(H)
* 83 Phenanthrene-d10	188	8.987	8.976	(1.000)	514689	40.0000	
52 Phenanthrene	178	9.011	8.999	(1.003)	153647	10.0777	740

Data File: /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2374.d
Report Date: 20-Sep-2013 14:24

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
57 Pyrene	202	10.405	10.399	(0.884)	14214	0.98675	73(a)
$ 78 Terphenyl-d14	244	10.558	10.558	(0.897)	320113	35.4425	2600
* 81 Chrysene-d12	240	11.775	11.781	(1.000)	275590	40.0000	
* 84 Perylene-d12	264	13.734	13.734	(1.000)	232871	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: z2374.d

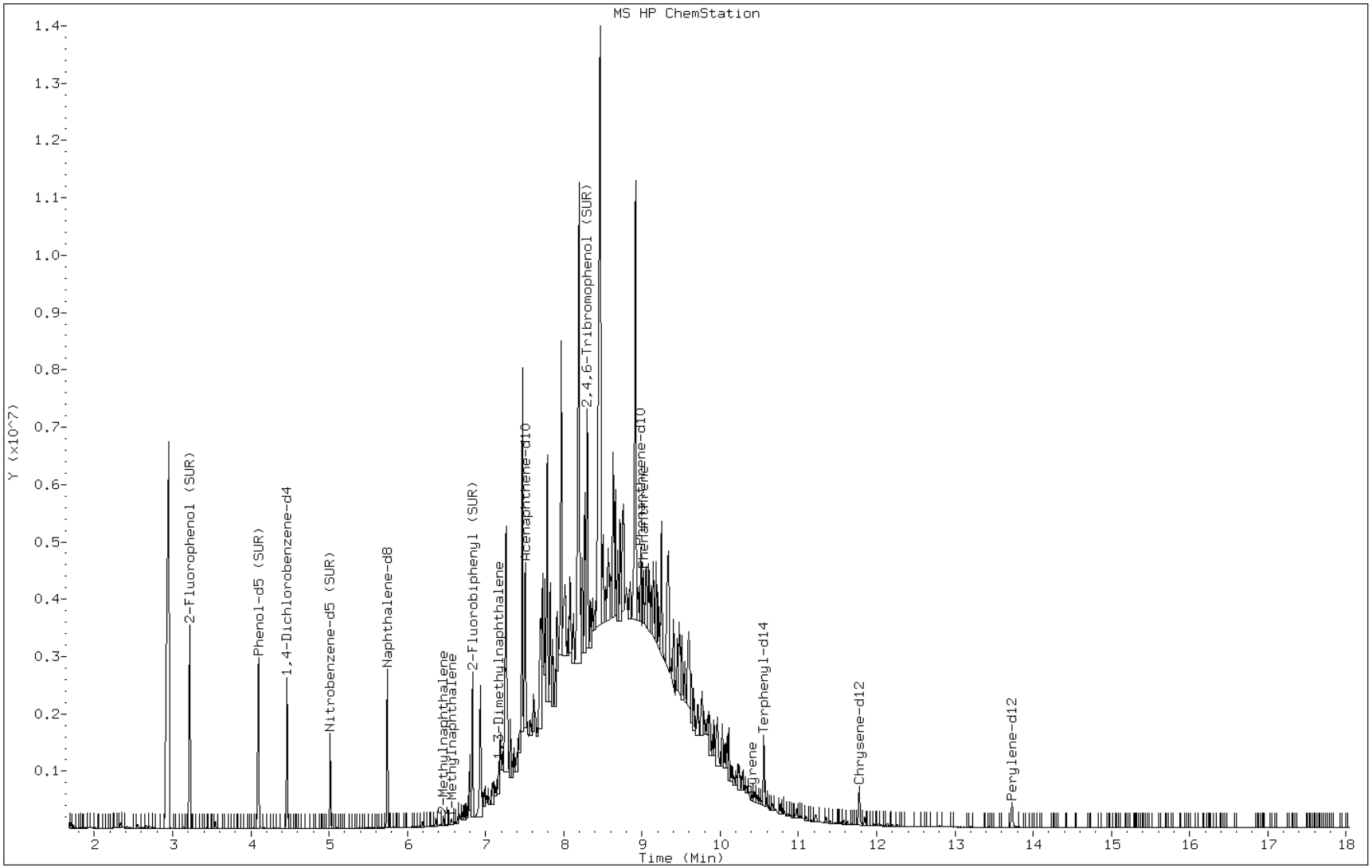
Date: 20-SEP-2013 07:53

Client ID: PMP-5SE-WT

Instrument: BNAMS11.i

Sample Info: 460-62993-E-5-C

Operator: BNAMS 4



Data File: z2374.d

Date: 20-SEP-2013 07:53

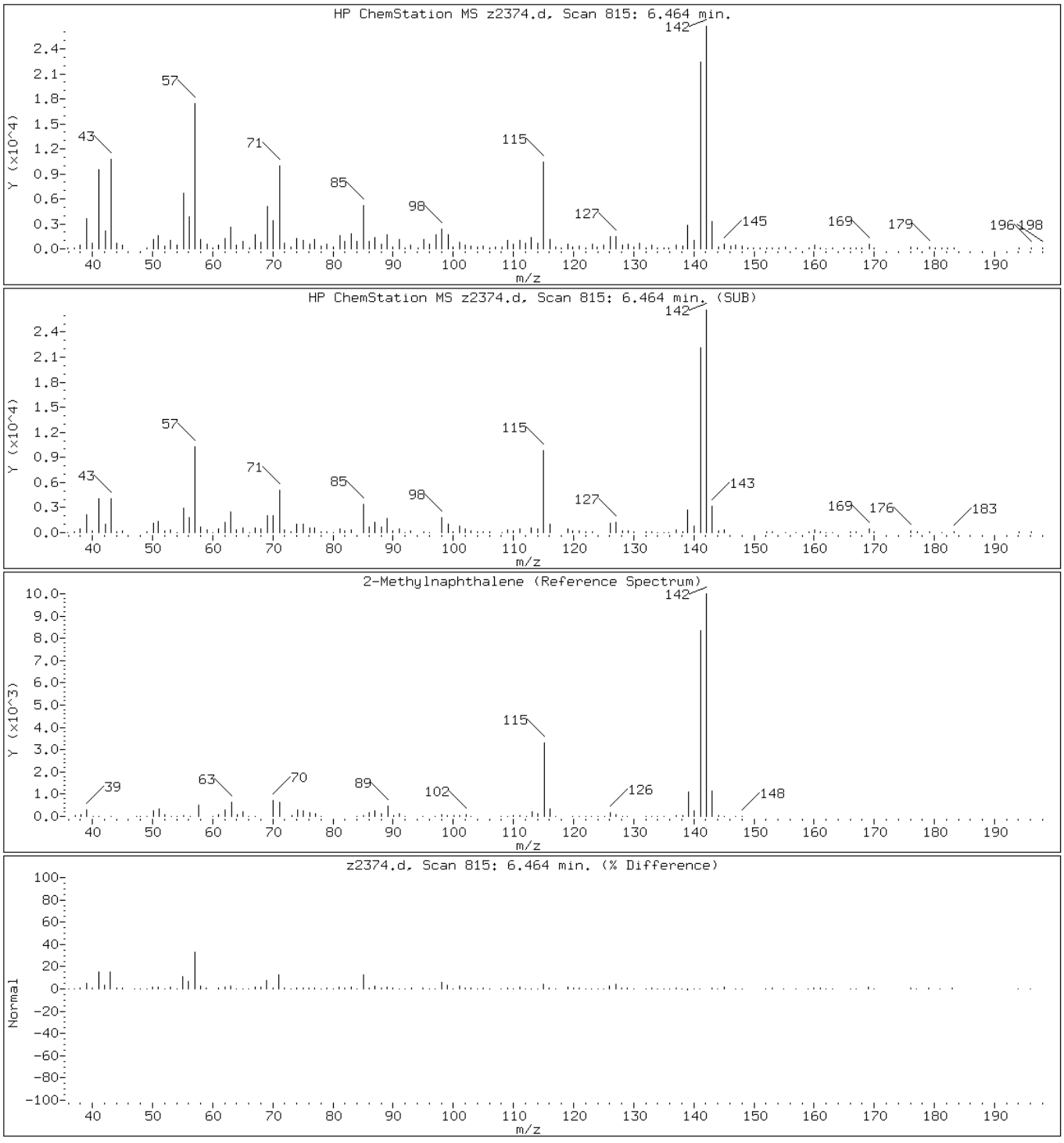
Client ID: PMP-5SE-WT

Instrument: BNAMS11.i

Sample Info: 460-62993-E-5-C

Operator: BNAMS 4

34 2-Methylnaphthalene



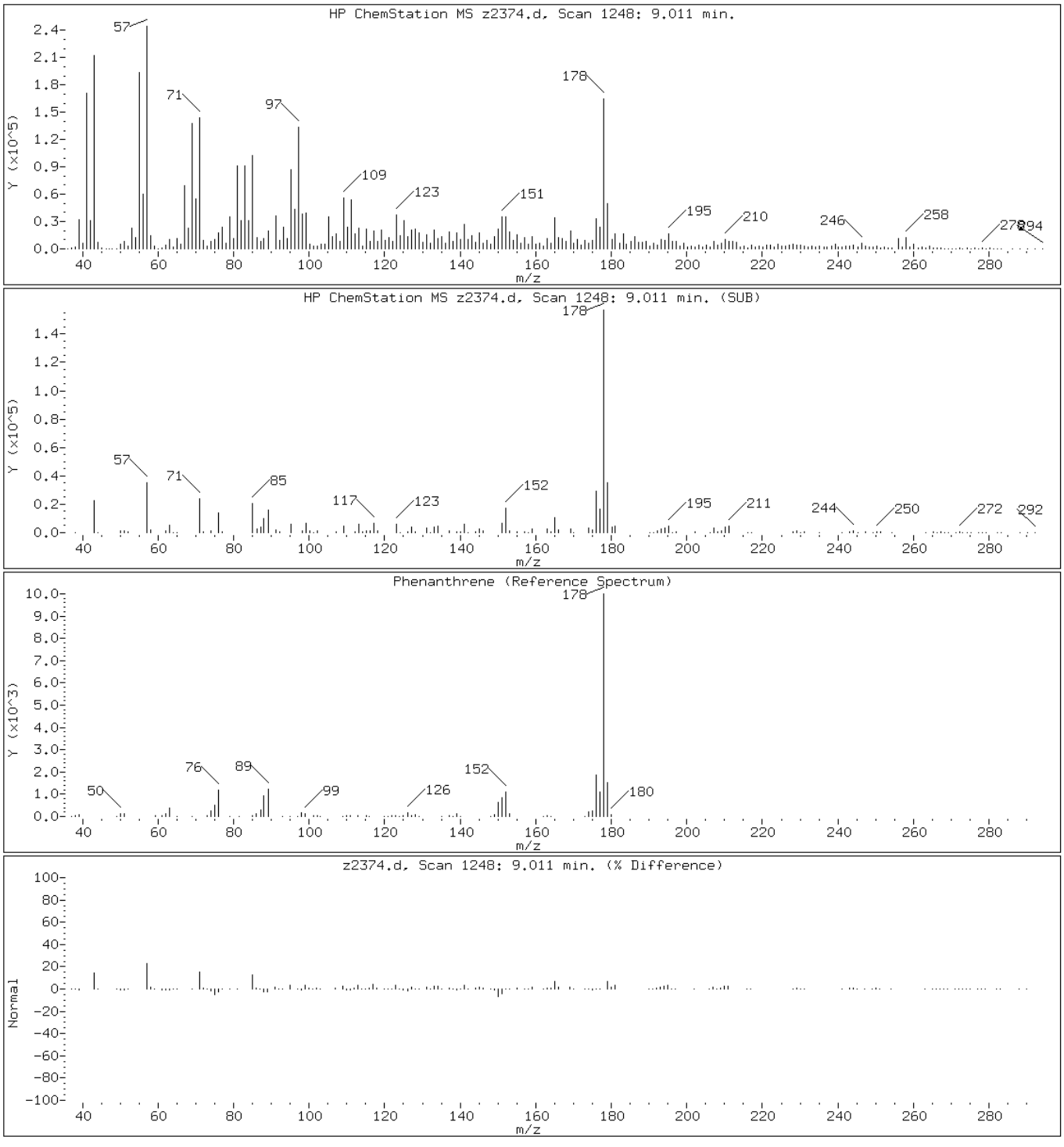
Data File: z2374.d

Date: 20-SEP-2013 07:53

Client ID: PMP-5SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-5-C Operator: BNAMS 4

52 Phenanthrene



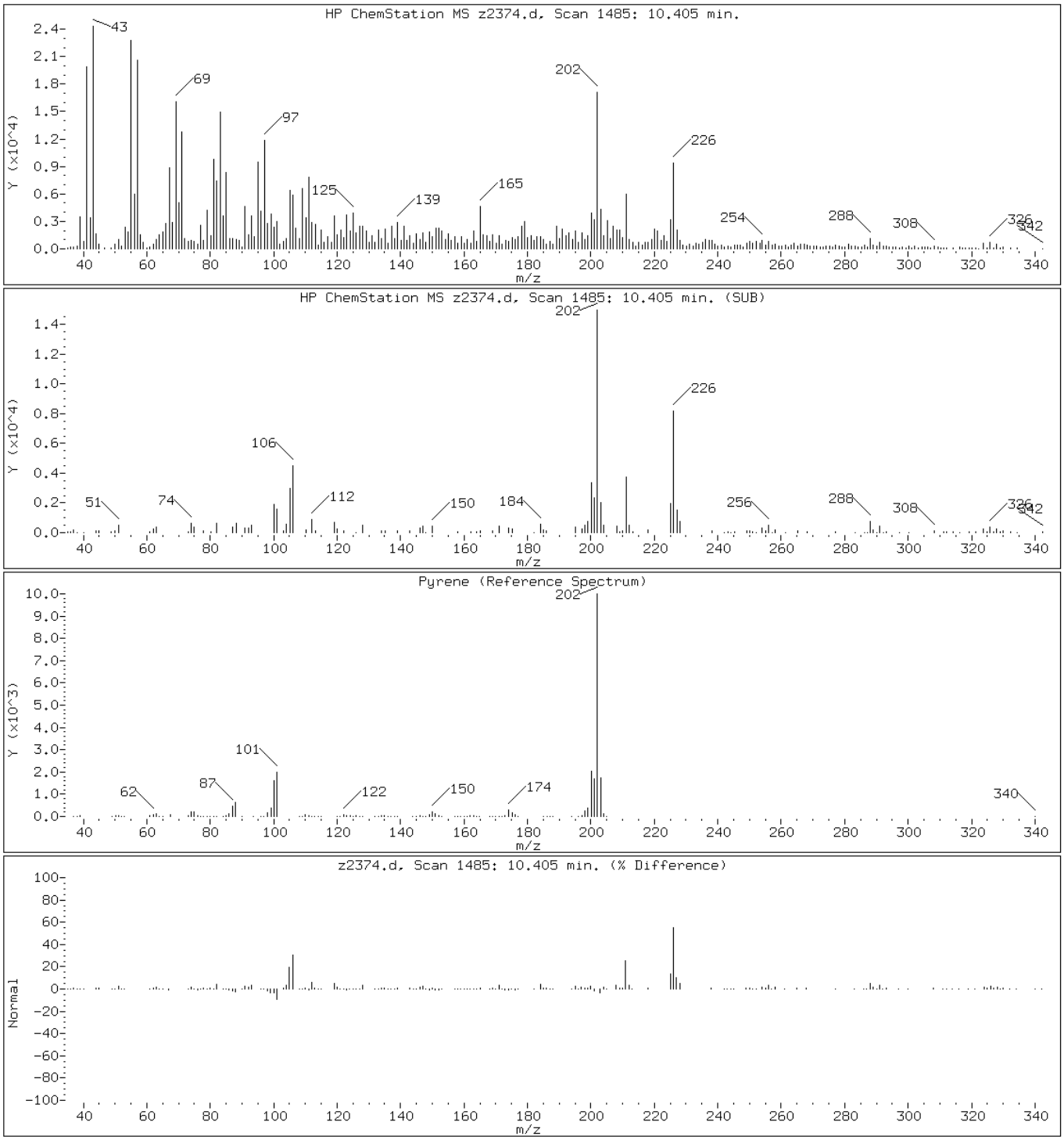
Data File: z2374.d

Date: 20-SEP-2013 07:53

Client ID: PMP-5SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-5-C Operator: BNAMS 4

57 Pyrene



Data File: z2374.d

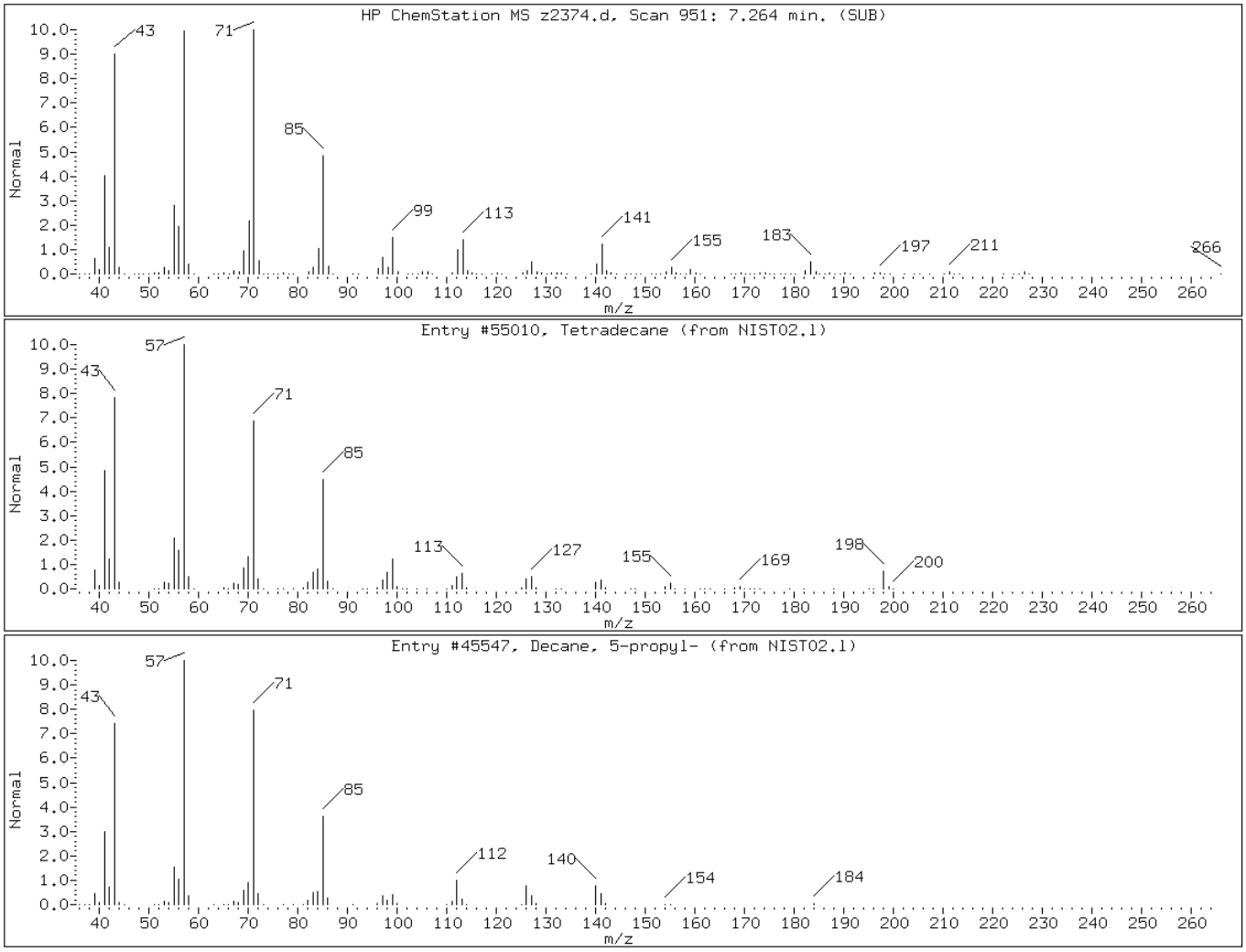
Date: 20-SEP-2013 07:53

Client ID: PMP-5SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-5-C Operator: BNAMS 4

Retention Time: 7.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Tetradecane	629-59-4	NIST02.l	55010	86	C14H30	198
Decane, 5-propyl-	17312-62-8	NIST02.l	45547	81	C13H28	184



Data File: z2374.d

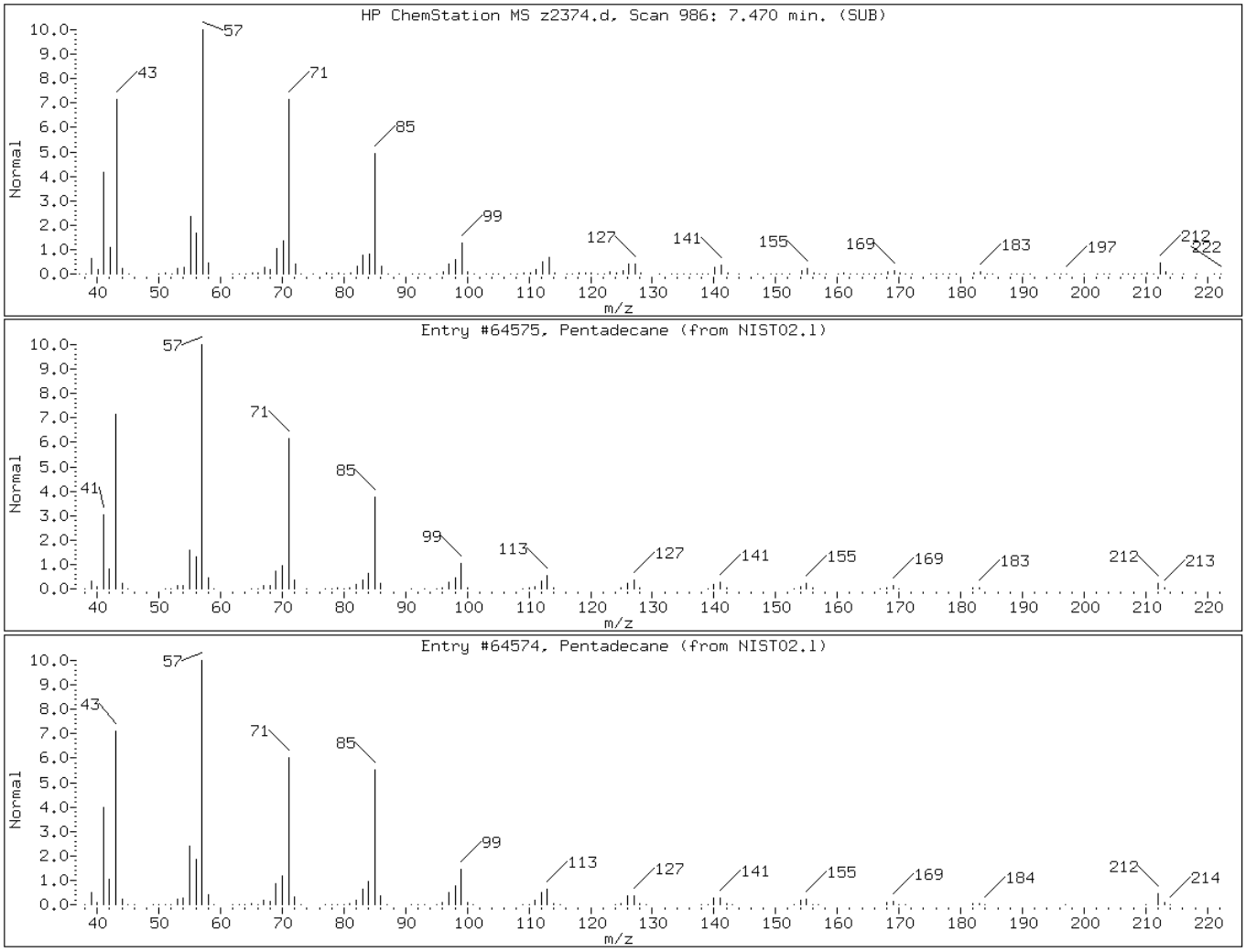
Date: 20-SEP-2013 07:53

Client ID: PMP-5SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-5-C Operator: BNAMS 4

Retention Time: 7.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Pentadecane	629-62-9	NIST02.l	64575	98	C15H32	212
Pentadecane	629-62-9	NIST02.l	64574	97	C15H32	212



Data File: z2374.d

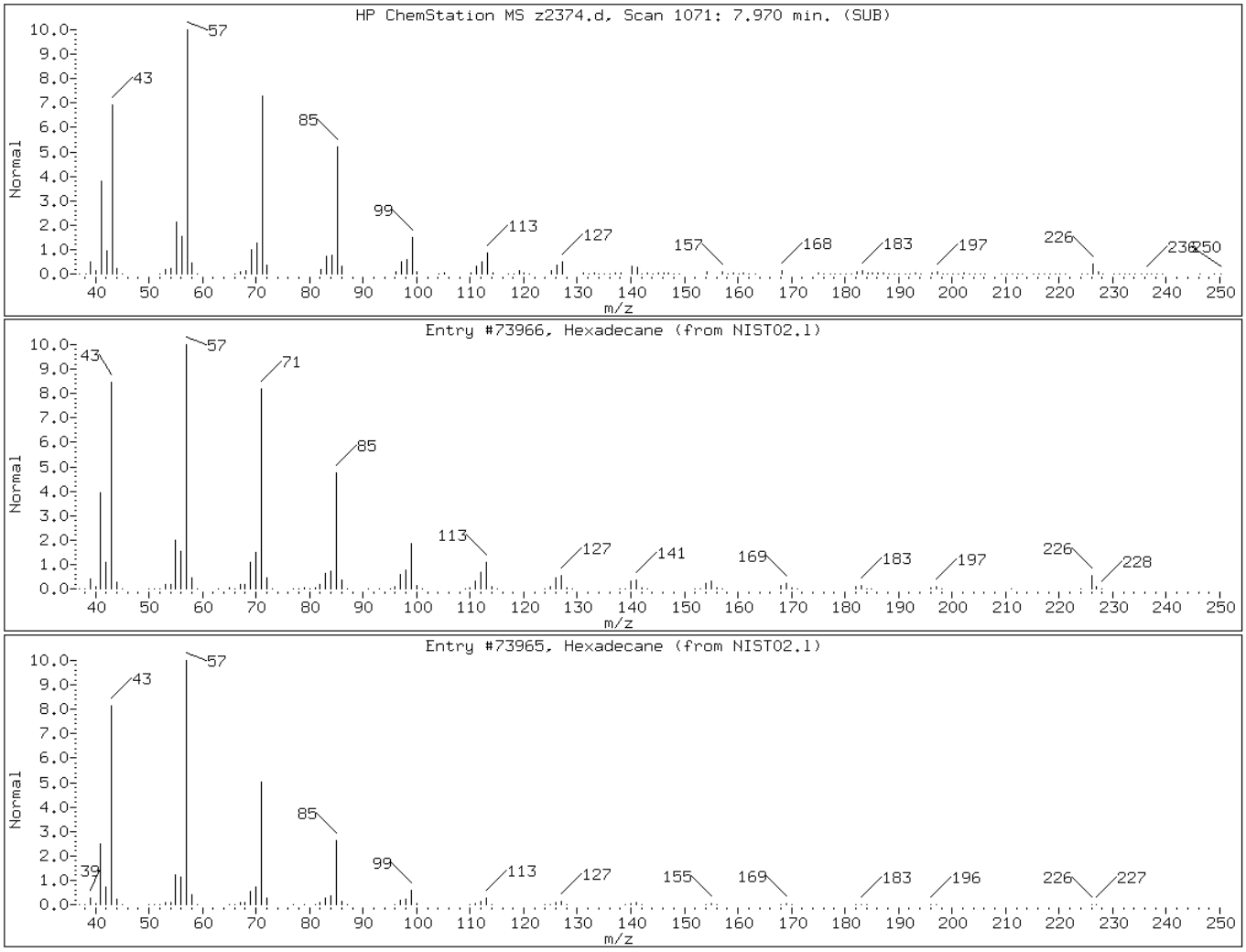
Date: 20-SEP-2013 07:53

Client ID: PMP-5SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-5-C Operator: BNAMS 4

Retention Time: 7.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Hexadecane	544-76-3	NIST02.l	73966	98	C16H34	226
Hexadecane	544-76-3	NIST02.l	73965	97	C16H34	226



Data File: z2374.d

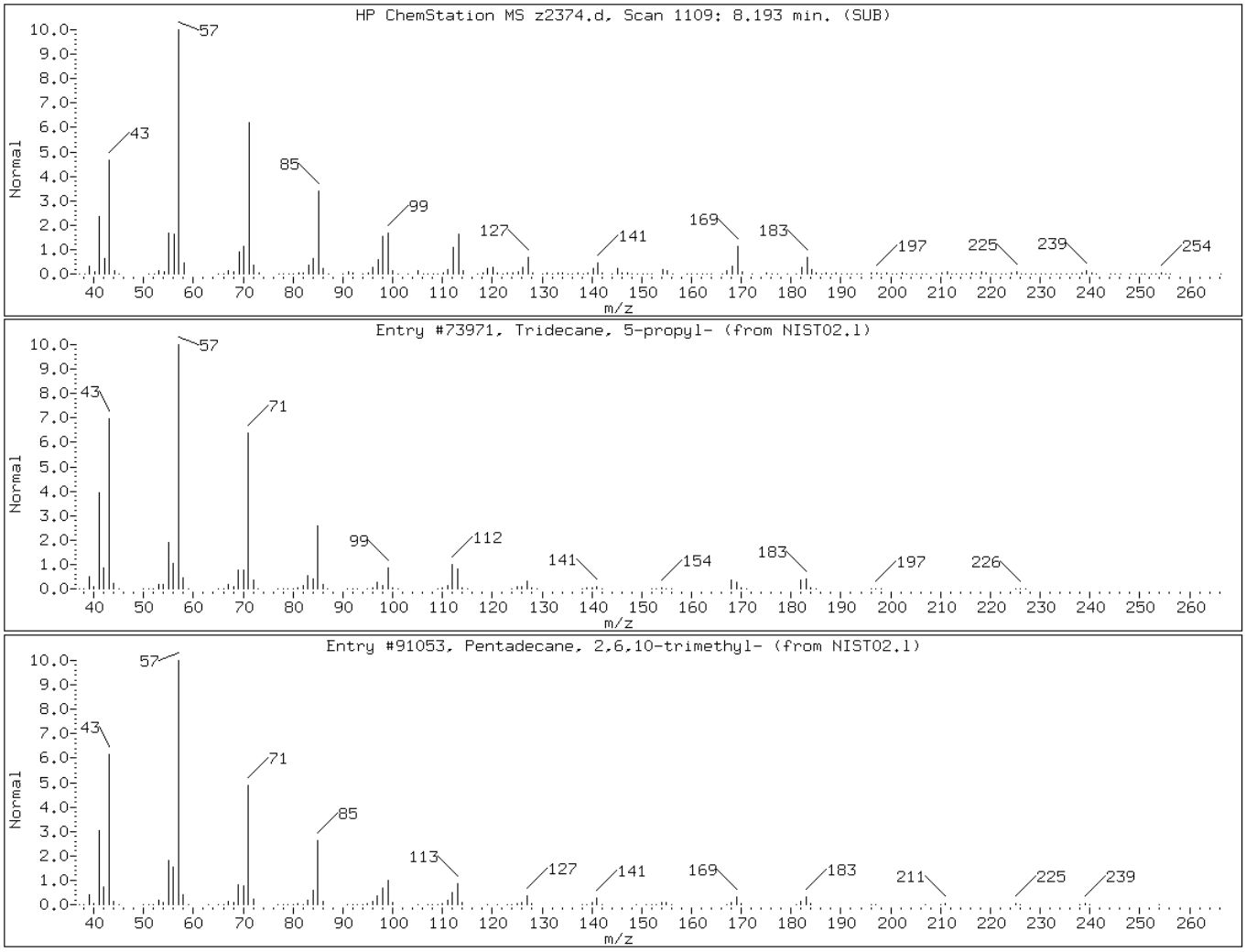
Date: 20-SEP-2013 07:53

Client ID: PMP-5SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-5-C Operator: BNAMS 4

Retention Time: 8.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	93	C16H34	226
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	80	C18H38	254



Data File: z2374.d

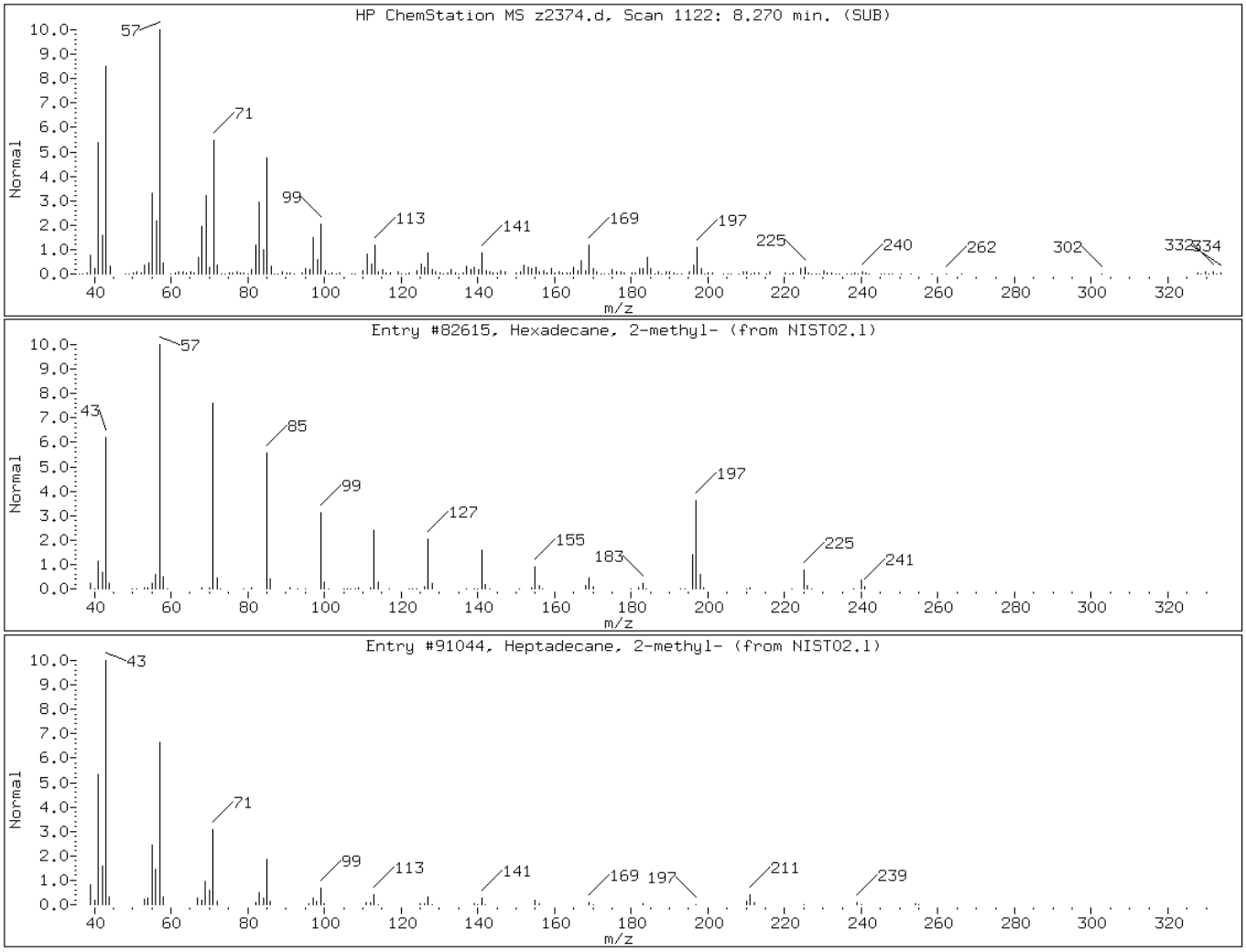
Date: 20-SEP-2013 07:53

Client ID: PMP-5SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-5-C Operator: BNAMS 4

Retention Time: 8.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Hexadecane, 2-methyl-	1560-92-5	NIST02.l	82615	91	C17H36	240
Heptadecane, 2-methyl-	1560-89-0	NIST02.l	91044	89	C18H38	254



Data File: z2374.d

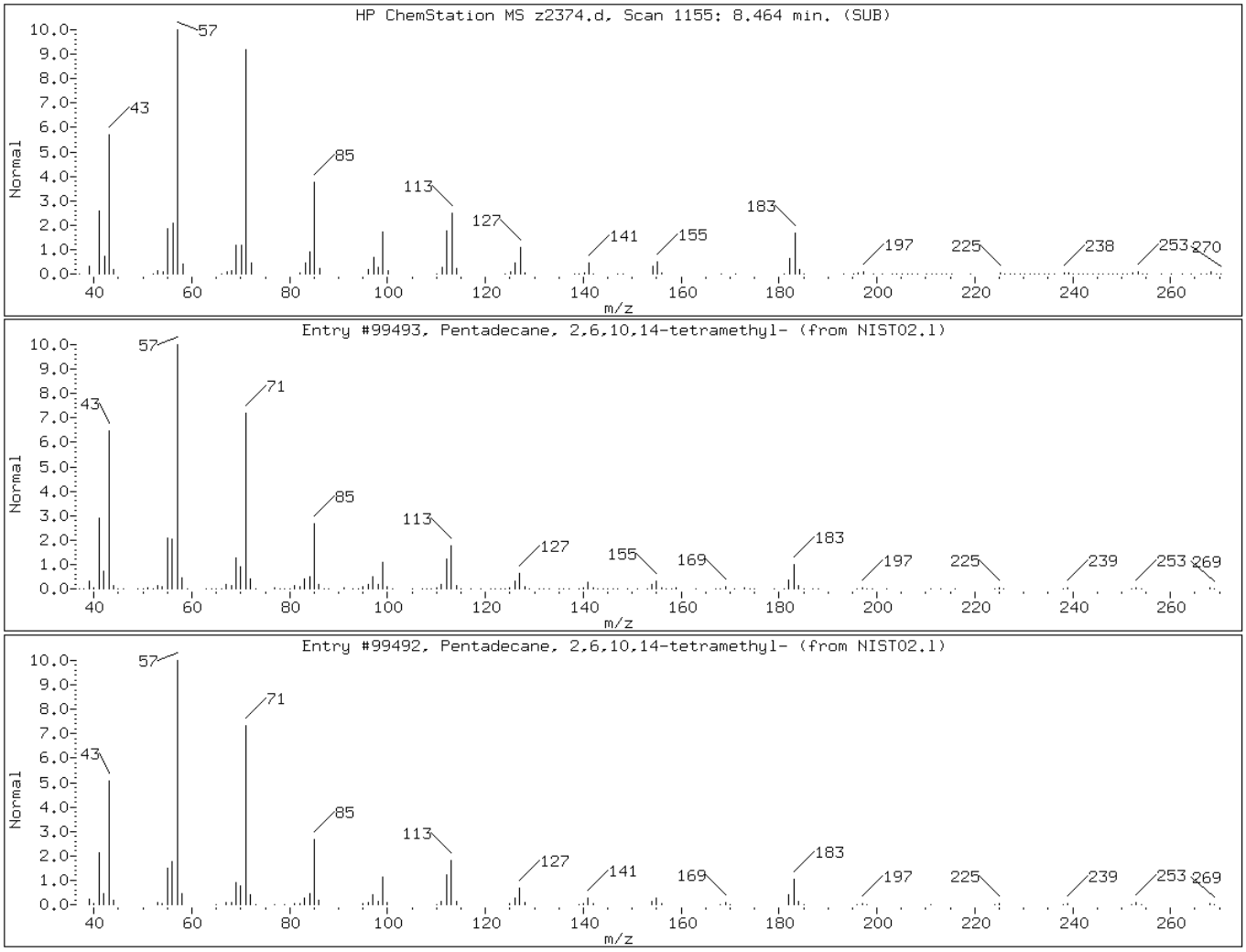
Date: 20-SEP-2013 07:53

Client ID: PMP-5SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-5-C Operator: BNAMS 4

Retention Time: 8.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	97	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	97	C19H40	268



Data File: z2374.d

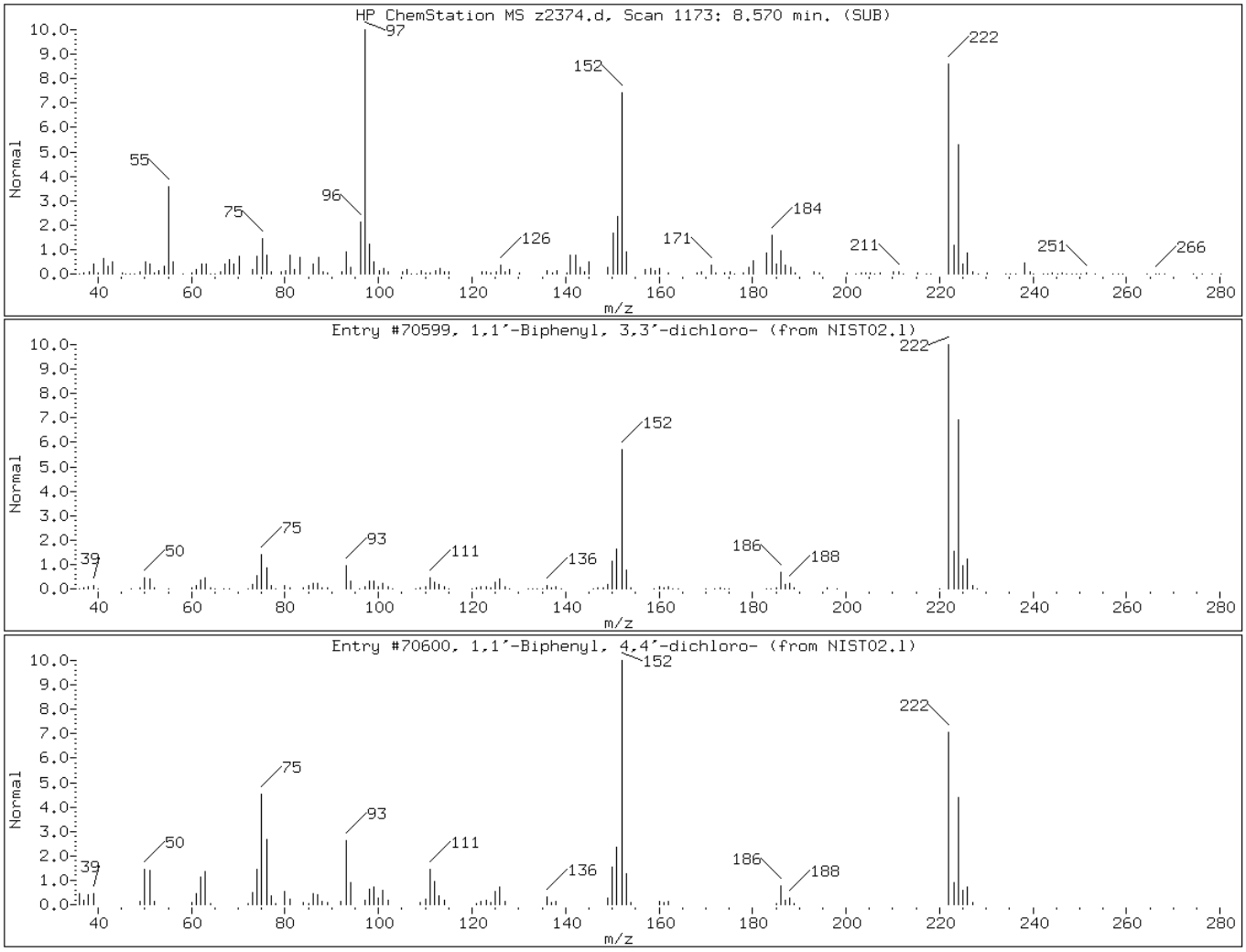
Date: 20-SEP-2013 07:53

Client ID: PMP-5SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-5-C Operator: BNAMS 4

Retention Time: 8.57

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	70599	91	C12H8Cl2	222
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.l	70600	83	C12H8Cl2	222



Data File: z2374.d

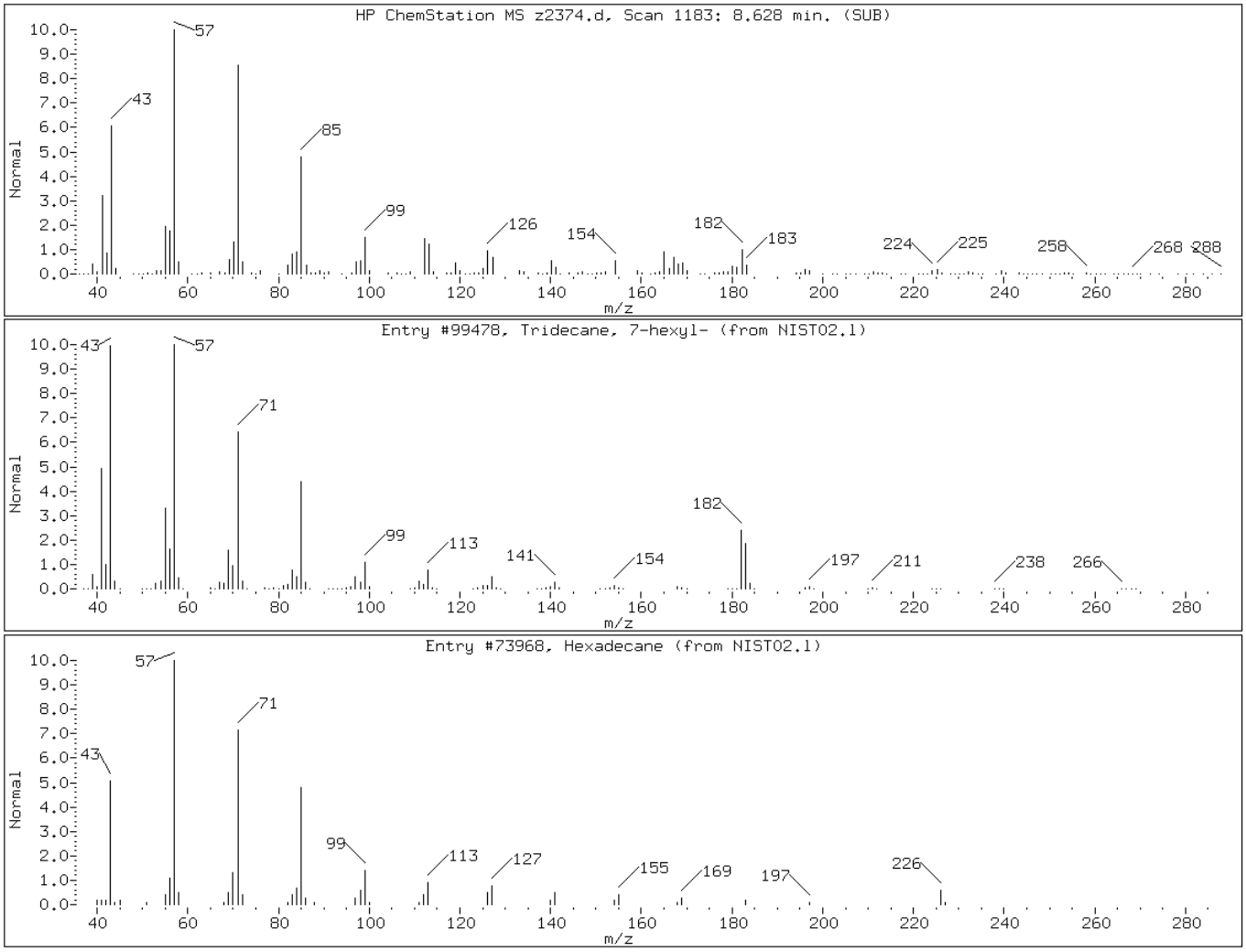
Date: 20-SEP-2013 07:53

Client ID: PMP-5SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-5-C Operator: BNAMS 4

Retention Time: 8.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Tridecane, 7-hexyl-	7225-66-3	NIST02.l	99478	90	C19H40	268
Hexadecane	544-76-3	NIST02.l	73968	87	C16H34	226



Data File: z2374.d

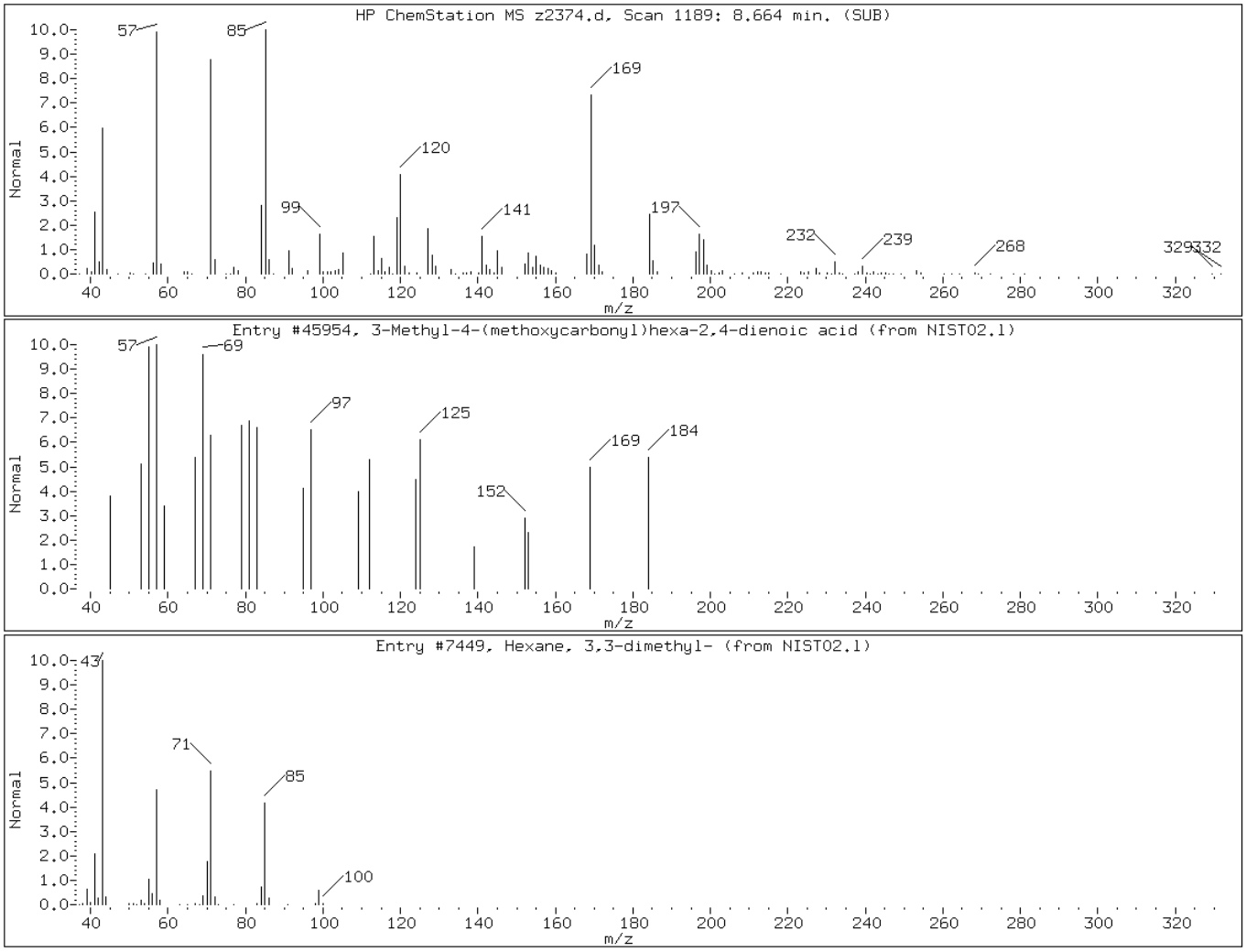
Date: 20-SEP-2013 07:53

Client ID: PMP-5SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-5-C Operator: BNAMS 4

Retention Time: 8.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
3-Methyl-4-(methoxycarbonyl)hexa-2	1000104-10-8	NIST02.l	45954	56	C9H12O4	184
Hexane, 3,3-dimethyl-	563-16-6	NIST02.l	7449	35	C8H18	114



Data File: z2374.d

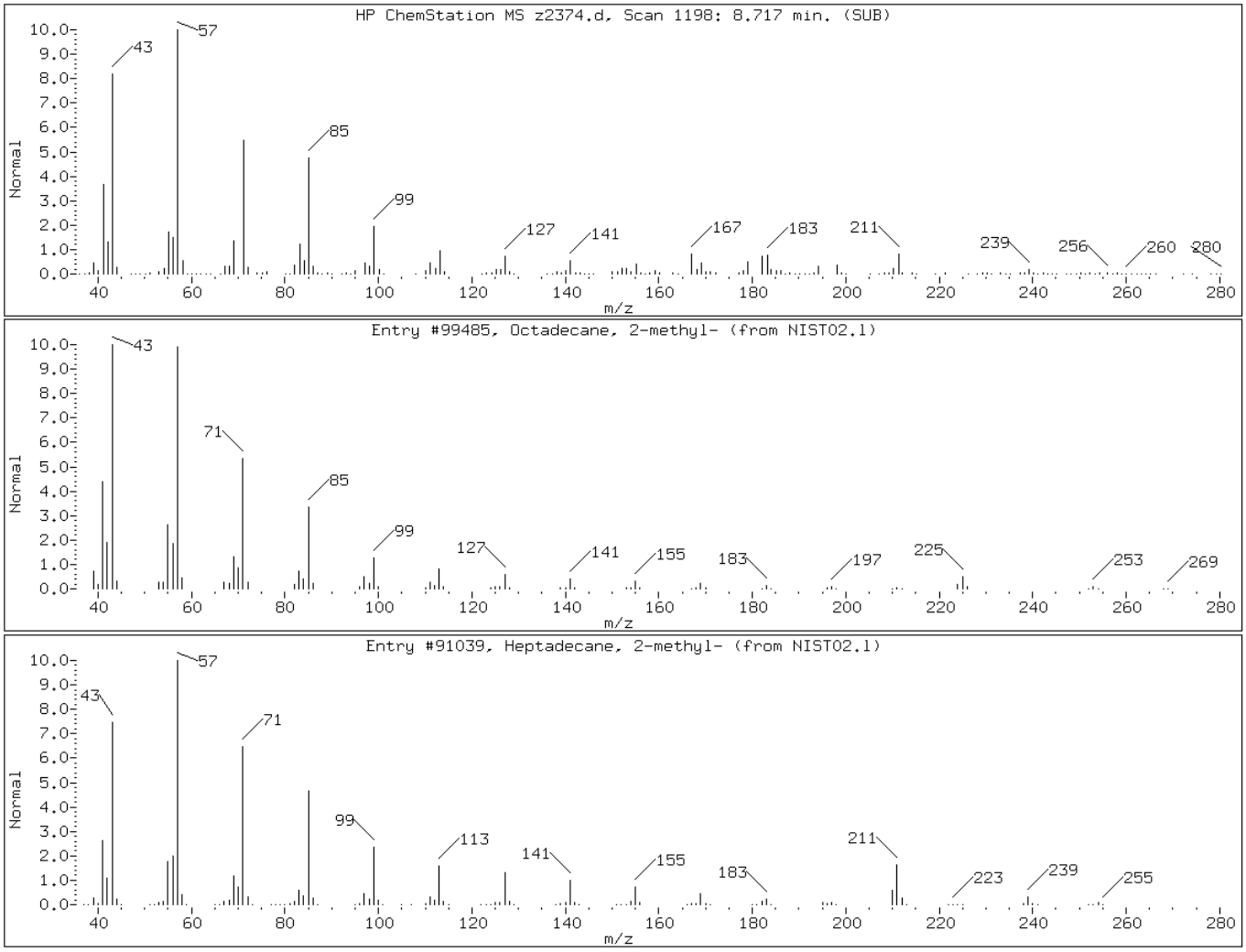
Date: 20-SEP-2013 07:53

Client ID: PMP-5SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-5-C Operator: BNAMS 4

Retention Time: 8.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Octadecane, 2-methyl-	1560-88-9	NIST02.l	99485	91	C19H40	268
Heptadecane, 2-methyl-	1560-89-0	NIST02.l	91039	90	C18H38	254



Data File: z2374.d

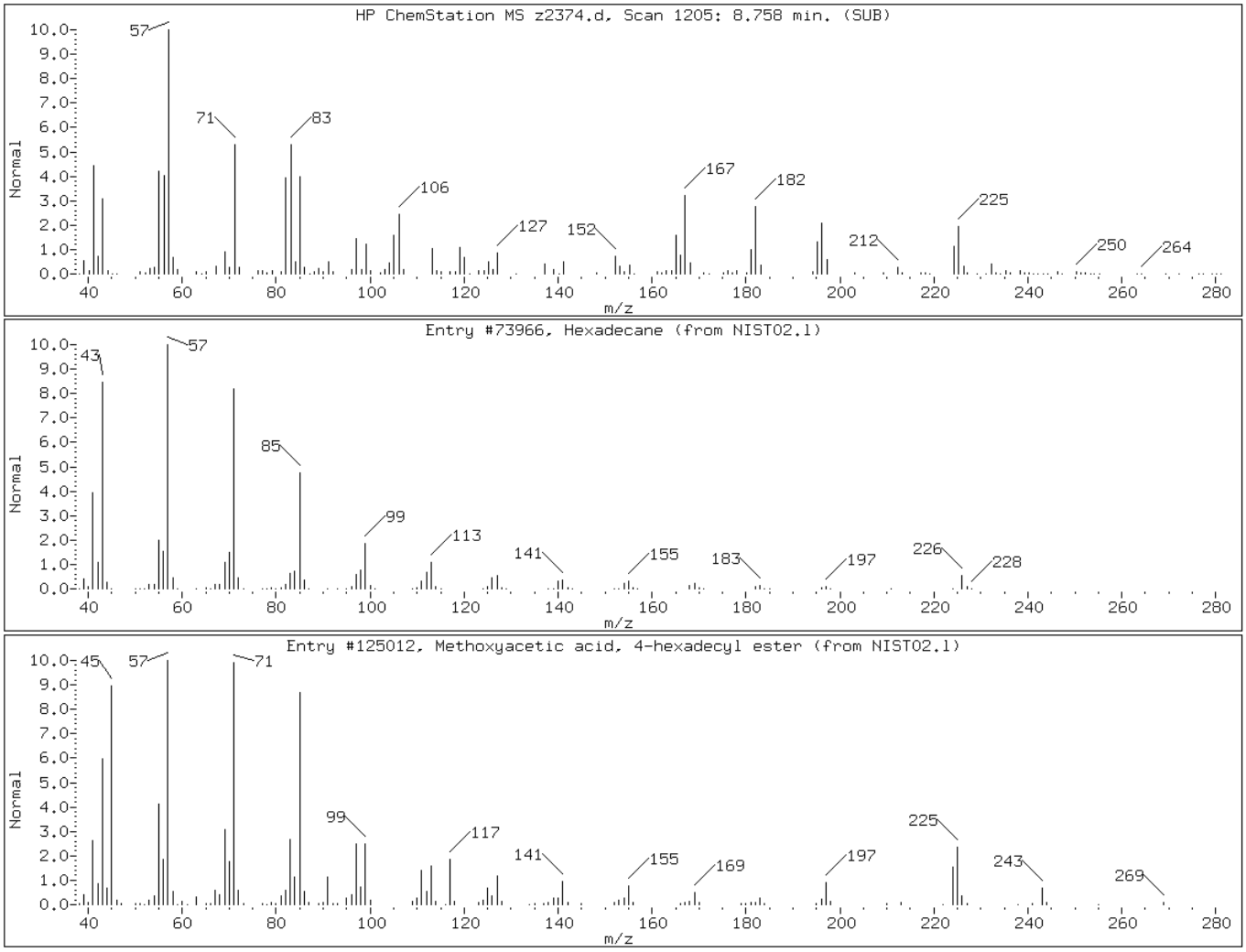
Date: 20-SEP-2013 07:53

Client ID: PMP-5SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-5-C Operator: BNAMS 4

Retention Time: 8.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Hexadecane	544-76-3	NIST02.l	73966	35	C16H34	226
Methoxyacetic acid, 4-hexadecyl es	1000282-99-0	NIST02.l	125012	30	C19H38O3	314



Data File: z2374.d

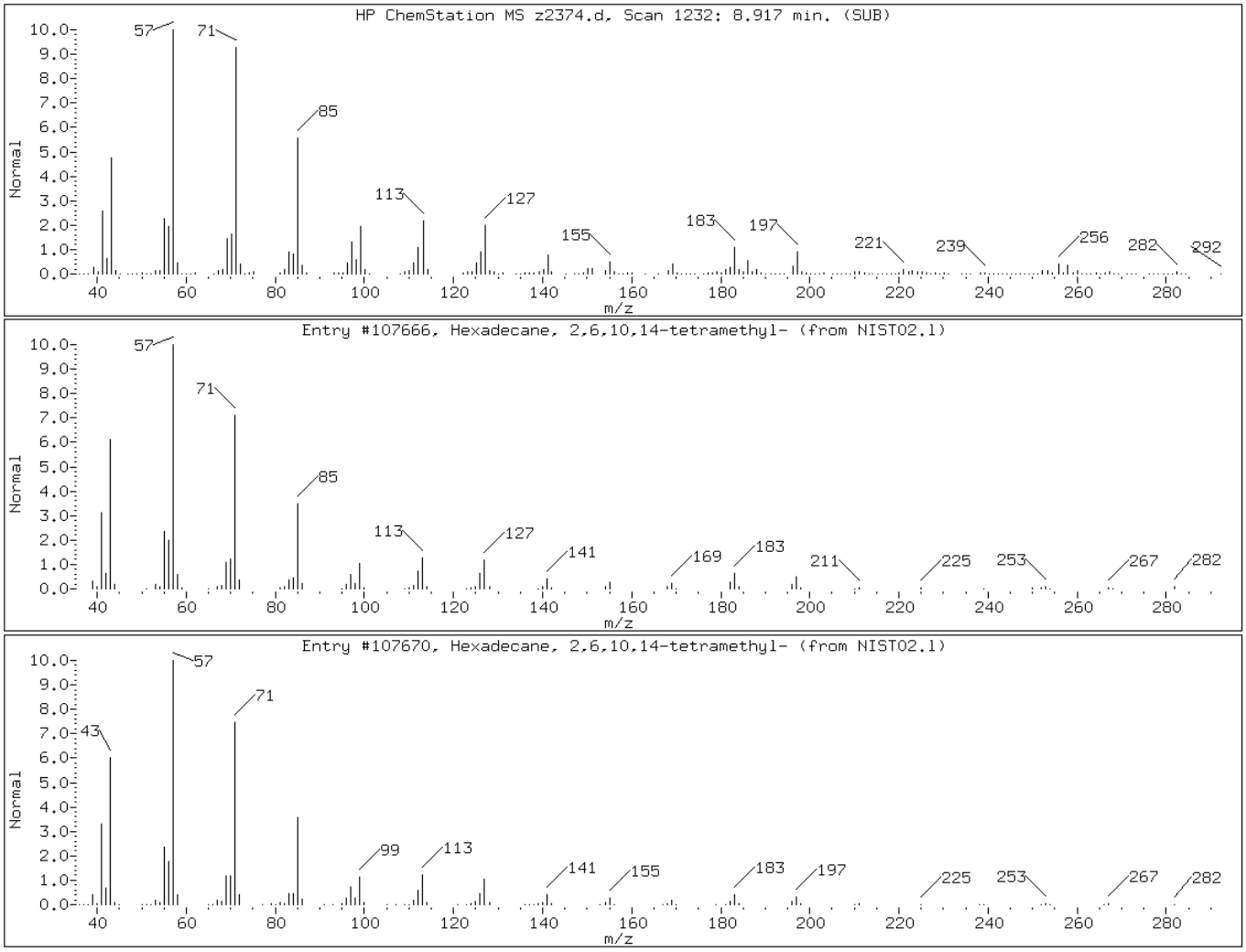
Date: 20-SEP-2013 07:53

Client ID: PMP-5SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-5-C Operator: BNAMS 4

Retention Time: 8.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	96	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	95	C20H42	282



Data File: z2374.d

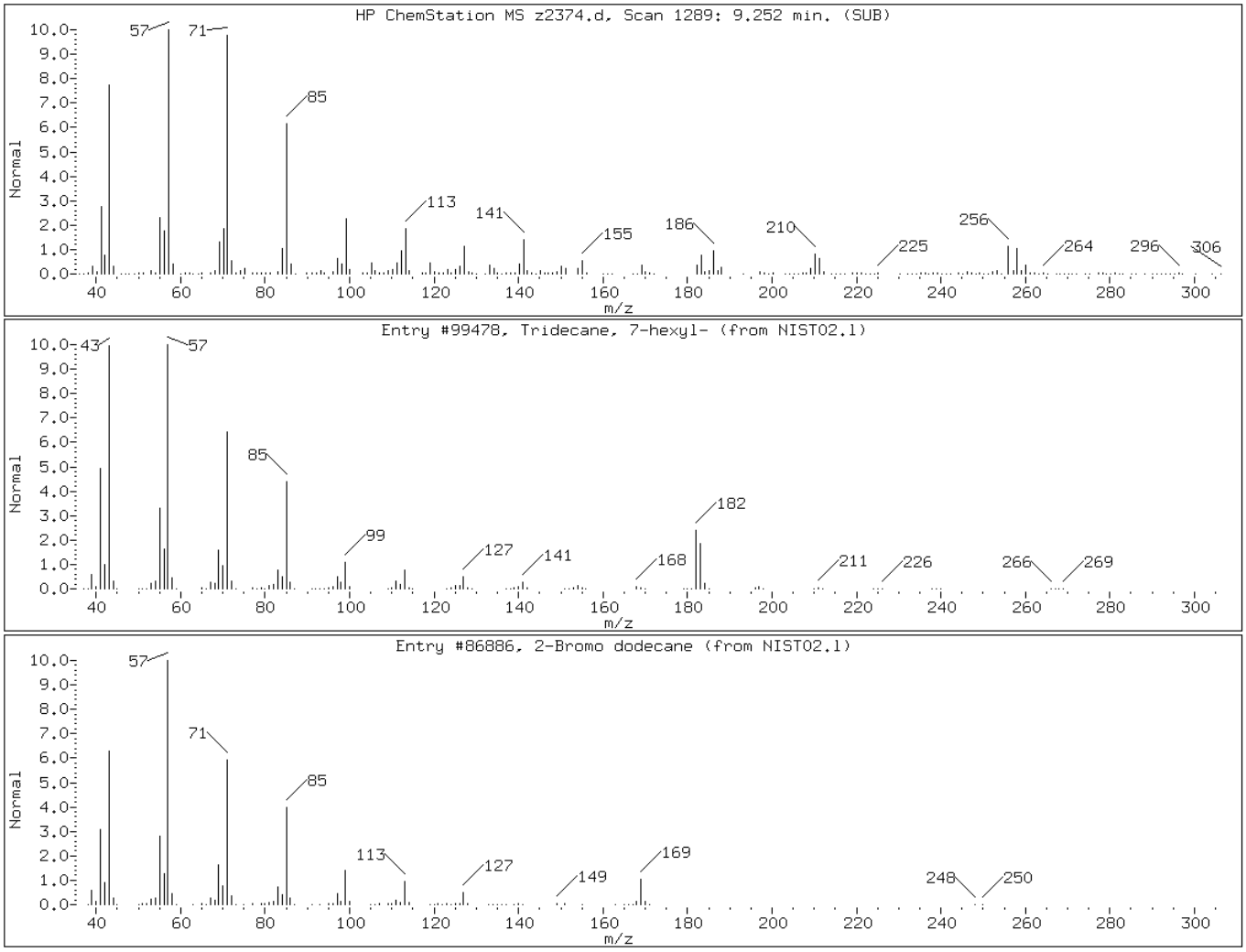
Date: 20-SEP-2013 07:53

Client ID: PMP-5SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-5-C Operator: BNAMS 4

Retention Time: 9.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Tridecane, 7-hexyl-	7225-66-3	NIST02.l	99478	76	C19H40	268
2-Bromo dodecane	13187-99-0	NIST02.l	86886	76	C12H25Br	248



Data File: z2374.d

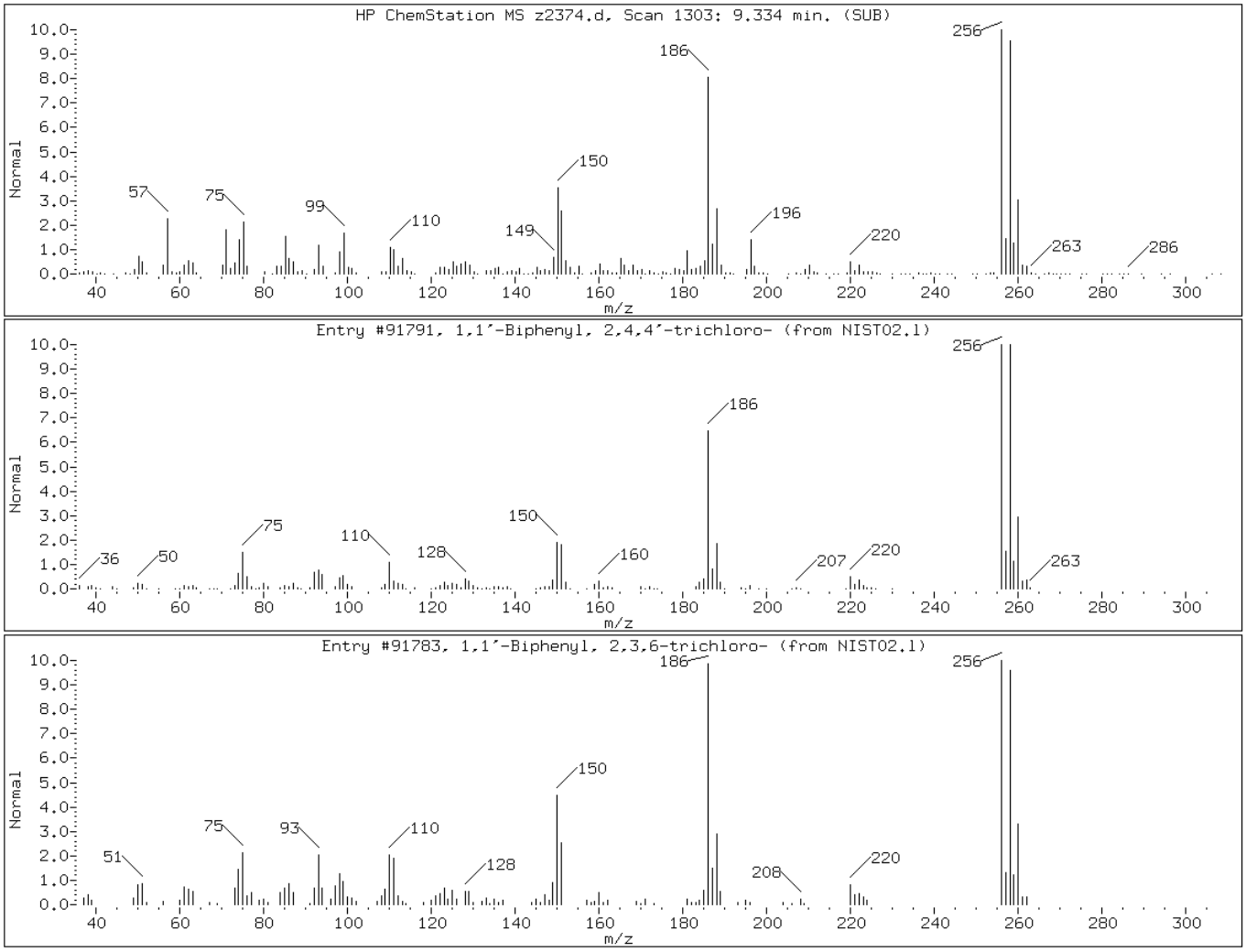
Date: 20-SEP-2013 07:53

Client ID: PMP-5SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-5-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						
1,1'-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: z2374.d

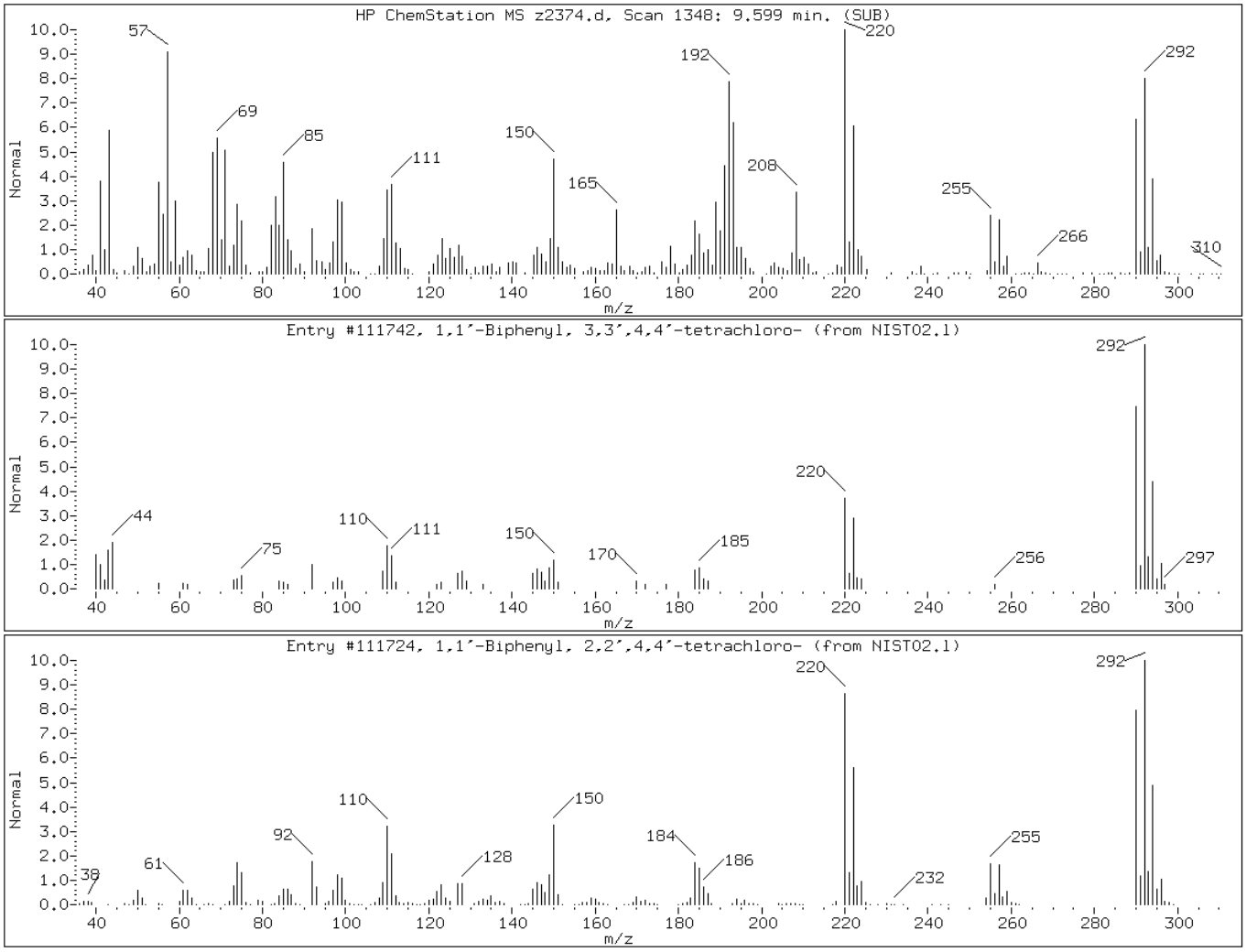
Date: 20-SEP-2013 07:53

Client ID: PMP-5SE-WT Instrument: BNAMS11.i

Sample Info: 460-62993-E-5-C Operator: BNAMS 4

Retention Time: 9.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	97	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	97	C12H6Cl4	290



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-SI | Lab Sample ID: 460-62993-6

Matrix: Solid | Lab File ID: z2375.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:45

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.04(g) | Date Analyzed: 09/20/2013 08:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	51	U	380	51
95-57-8	2-Chlorophenol	50	U	380	50
95-48-7	2-Methylphenol	64	U	380	64
106-44-5	4-Methylphenol	74	U	380	74
100-52-7	Benzaldehyde	44	U	380	44
98-86-2	Acetophenone	58	U	380	58
111-44-4	Bis(2-chloroethyl)ether	5.1	U	38	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	380	42
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	38	6.3
98-95-3	Nitrobenzene	5.3	U	38	5.3
67-72-1	Hexachloroethane	4.2	U	38	4.2
78-59-1	Isophorone	46	U	380	46
88-75-5	2-Nitrophenol	42	U	380	42
105-67-9	2,4-Dimethylphenol	93	U	380	93
120-83-2	2,4-Dichlorophenol	55	U	380	55
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
91-20-3	Naphthalene	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.2	U	76	9.2
105-60-2	Caprolactam	87	U	380	87
59-50-7	4-Chloro-3-methylphenol	57	U	380	57
91-57-6	2-Methylnaphthalene	48	U	380	48
118-74-1	Hexachlorobenzene	5.1	U	38	5.1
77-47-4	Hexachlorocyclopentadiene	44	U	380	44
88-06-2	2,4,6-Trichlorophenol	44	U	380	44
95-95-4	2,4,5-Trichlorophenol	49	U	380	49
92-52-4	Diphenyl	50	U	380	50
91-58-7	2-Chloronaphthalene	42	U	380	42
88-74-4	2-Nitroaniline	160	U	760	160
606-20-2	2,6-Dinitrotoluene	11	U	76	11
131-11-3	Dimethyl phthalate	45	U	380	45
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	130	U	760	130
83-32-9	Acenaphthene	55	U	380	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-SI | Lab Sample ID: 460-62993-6

Matrix: Solid | Lab File ID: z2375.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:45

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.04(g) | Date Analyzed: 09/20/2013 08:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	44	U	380	44
84-66-2	Diethyl phthalate	45	U	380	45
86-73-7	Fluorene	48	U	380	48
206-44-0	Fluoranthene	50	U	380	50
84-74-2	Di-n-butyl phthalate	110	J	380	46
121-14-2	2,4-Dinitrotoluene	12	U	76	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	380	44
100-01-6	4-Nitroaniline	120	U	760	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	37	U	380	37
1912-24-9	Atrazine	58	U	380	58
120-12-7	Anthracene	46	U	380	46
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	650		380	48
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	74	J	380	32
218-01-9	Chrysene	44	U	380	44
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.6	U	38	2.6
86-30-6	N-Nitrosodiphenylamine	37	U	380	37
85-68-7	Butyl benzyl phthalate	34	U	380	34
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	24	U	380	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.0	U	38	7.0
53-70-3	Dibenz(a,h)anthracene	4.7	U	38	4.7
91-94-1	3,3'-Dichlorobenzidine	130	U	760	130
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	380	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-SI Lab Sample ID: 460-62993-6

Matrix: Solid Lab File ID: z2375.d

Analysis Method: 8270C Date Collected: 09/13/2013 08:45

Extract. Method: 3541 Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.04(g) Date Analyzed: 09/20/2013 08:18

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 12.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	75		38-105
4165-62-2	Phenol-d5	78		41-118
1718-51-0	Terphenyl-d14	69		16-151
118-79-6	2,4,6-Tribromophenol	84		10-120
367-12-4	2-Fluorophenol	75		37-125
321-60-8	2-Fluorobiphenyl	79		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-SI | Lab Sample ID: 460-62993-6

Matrix: Solid | Lab File ID: z2375.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:45

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.04(g) | Date Analyzed: 09/20/2013 08:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 141200

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-3	7.26	4400	J
	Unknown Alkane-7	7.79	2200	J
	Unknown-1	8.01	2500	J
	Unknown Alkane-9	8.19	7800	J
	Unknown Alkane-10	8.46	44000	J
	Unknown-4	8.50	4500	J
	Dichloro-1,1-biphenyl isomer	8.56	4500	J
	Unknown Alkane-11	8.63	9700	J
	Unknown Alkane/Unknown	8.66	4800	J
	Unknown-5	8.76	6800	J
	Unknown Alkane-12	8.91	22000	J
	Unknown Alkane-13	9.25	5700	J
	Trichloro-1,1-biphenyl isomer	9.33	9700	J
	C15H12 PAH-1	9.48	5600	J
	C15H12 PAH-2	9.59	7000	J

Data File: /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2375.d
Report Date: 20-Sep-2013 14:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2375.d
Lab Smp Id: 460-62993-E-6-C Client Smp ID: PMP-5SE-SI
Inj Date : 20-SEP-2013 08:18
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62993-E-6-C
Misc Info : 460-62993-E-6-C
Comment   :
Method   : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/8270C_11.m
Meth Date : 20-Sep-2013 12:31 czhao Quant Type: ISTD
Cal Date : 19-SEP-2013 03:37 Cal File: z2314.d
Als bottle: 8
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	12.36934	% 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	3.217	3.188	(0.721)	804411	74.8607	5700
$ 17 Phenol-d5 (SUR)	99	4.094	4.111	(0.917)	1049155	78.1179	5900
* 79 1,4-Dichlorobenzene-d4	152	4.464	4.470	(1.000)	302990	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.017	5.035	(0.873)	479186	37.4126	2800
* 80 Naphthalene-d8	136	5.747	5.758	(1.000)	1100192	40.0000	
34 2-Methylnaphthalene	142	6.464	6.470	(1.125)	3820	0.20998	16(a)
120 1-Methylnaphthalene	142	6.564	6.570	(1.142)	3207	0.16883	13(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.835	6.840	(0.910)	665555	39.6815	3000
125 1,3-Dimethylnaphthalene	156	7.170	7.176	(0.955)	94111	7.61076	580
* 82 Acenaphthene-d10	164	7.511	7.511	(1.000)	453998	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.299	8.287	(1.105)	134394	83.5449	6300
* 83 Phenanthrene-d10	188	8.987	8.976	(1.000)	483685	40.0000	
52 Phenanthrene	178	9.011	8.999	(1.003)	122992	8.58418	650

Data File: /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2375.d
Report Date: 20-Sep-2013 14:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	55 Di-n-butylphthalate	149	9.546	9.540	(1.062)	21964	1.45717	110(a)
	57 Pyrene	202	10.405	10.399	(0.884)	12863	0.97573	74(a)
$	78 Terphenyl-d14	244	10.558	10.558	(0.897)	286674	34.6822	2600
*	81 Chrysene-d12	240	11.776	11.781	(1.000)	252212	40.0000	
*	84 Perylene-d12	264	13.734	13.734	(1.000)	217591	40.0000	

QC Flag Legend

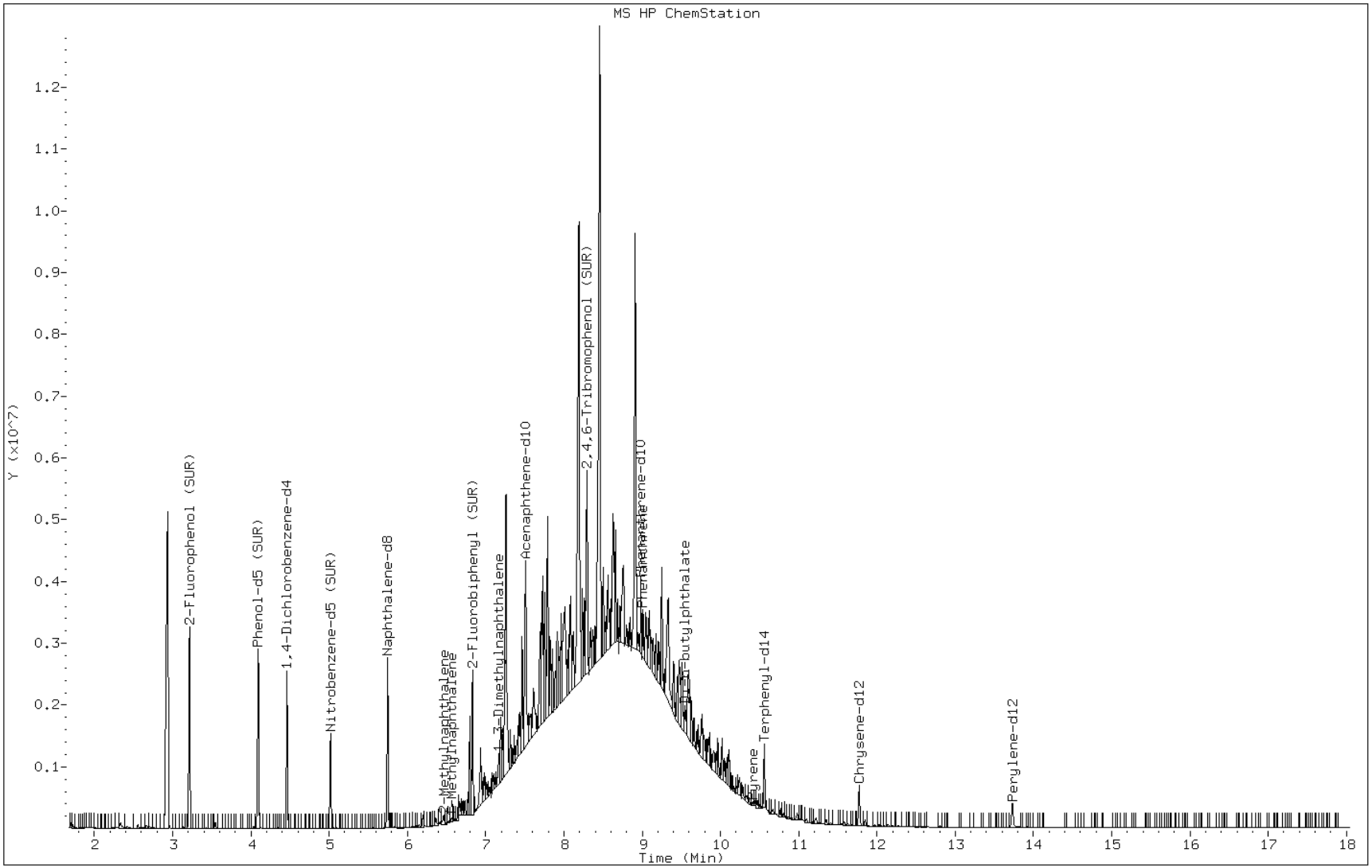
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: z2375.d

Date: 20-SEP-2013 08:18

Client ID: PMP-5SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-6-C Operator: BNAMS 4



Data File: z2375.d

Date: 20-SEP-2013 08:18

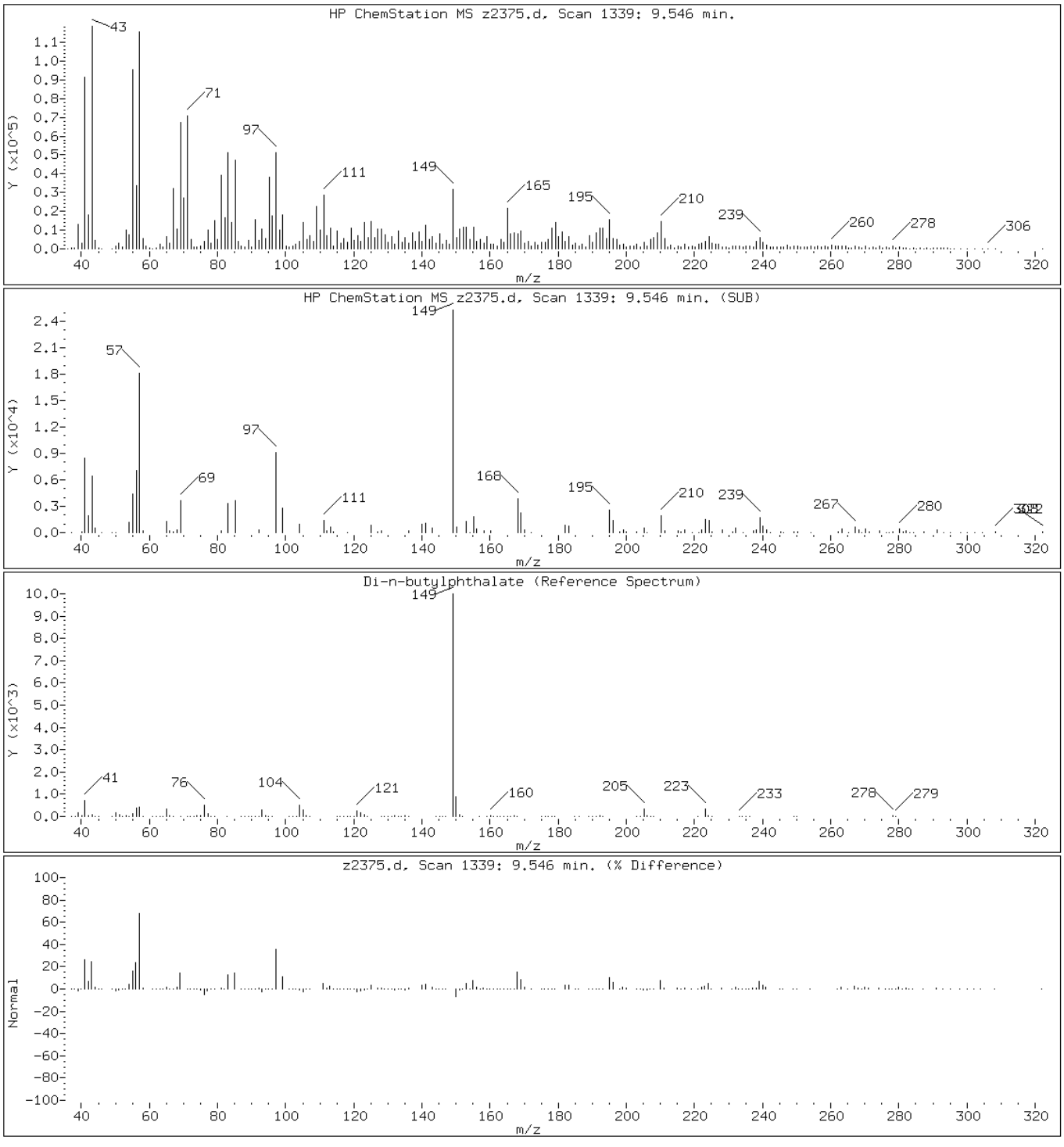
Client ID: PMP-5SE-SI

Instrument: BNAMS11.i

Sample Info: 460-62993-E-6-C

Operator: BNAMS 4

55 Di-n-butylphthalate



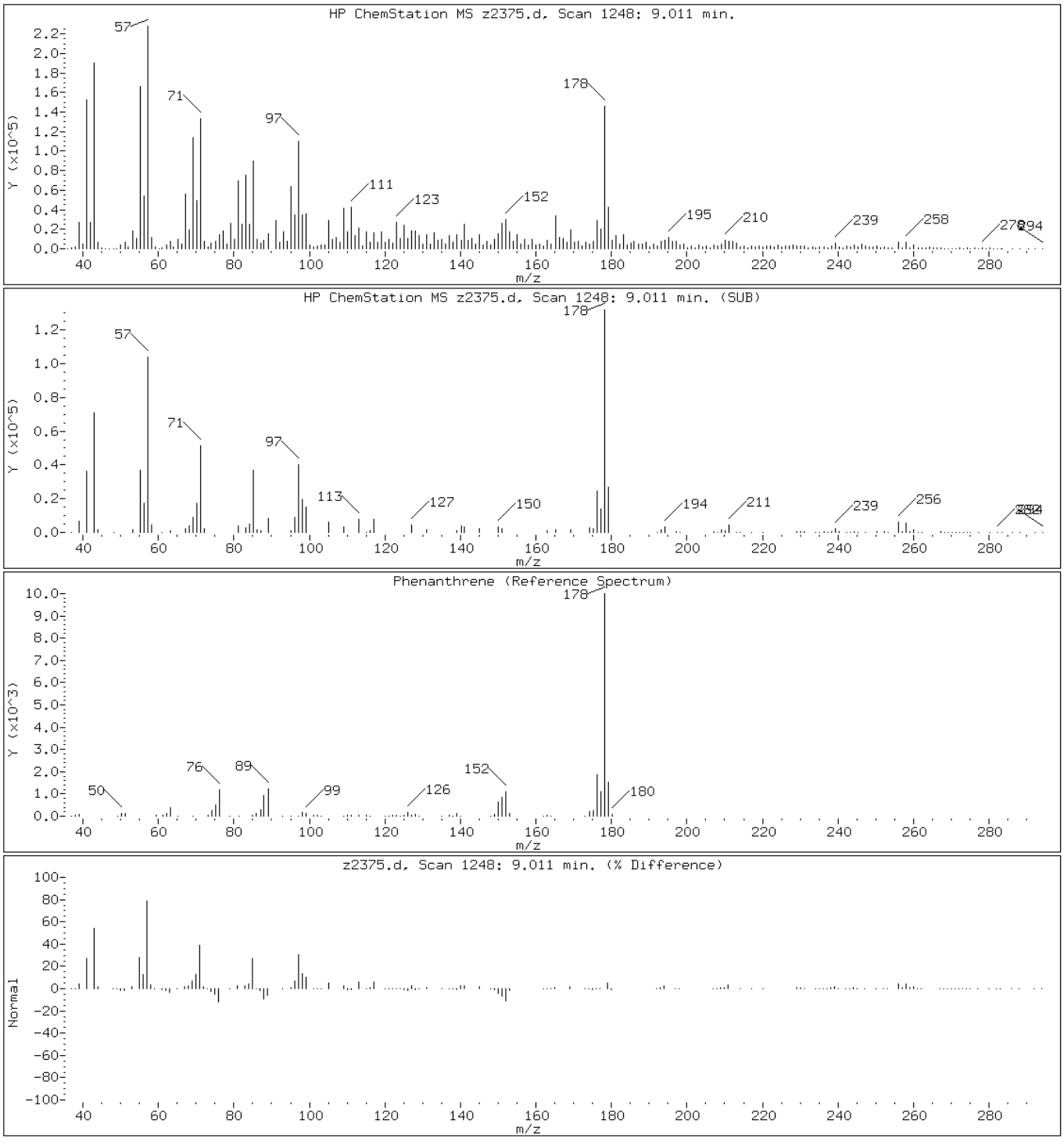
Data File: z2375.d

Date: 20-SEP-2013 08:18

Client ID: PMP-5SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-6-C Operator: BNAMS 4

52 Phenanthrene



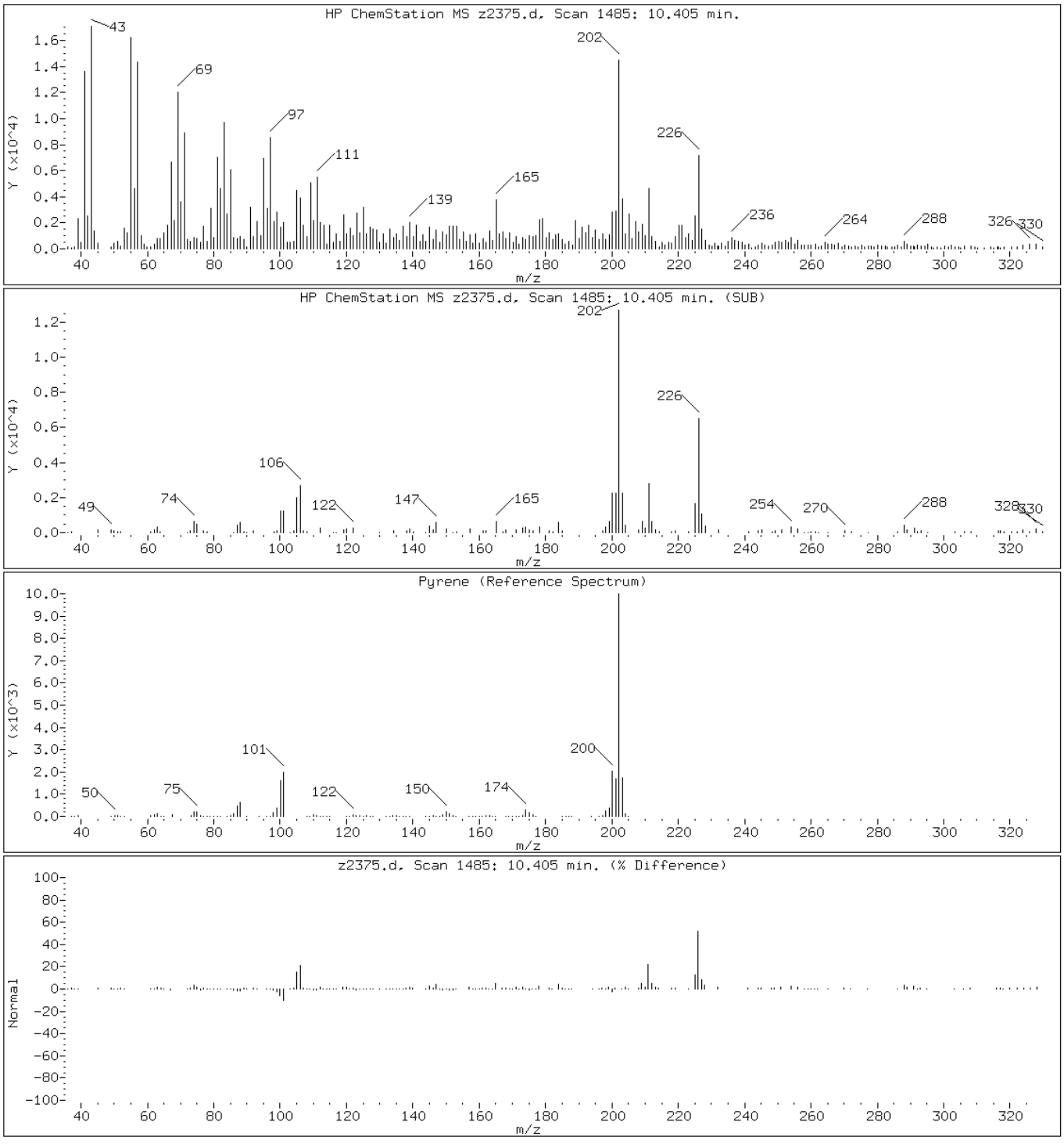
Data File: z2375.d

Date: 20-SEP-2013 08:18

Client ID: PMP-5SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-6-C Operator: BNAMS 4

57 Pyrene



Data File: z2375.d

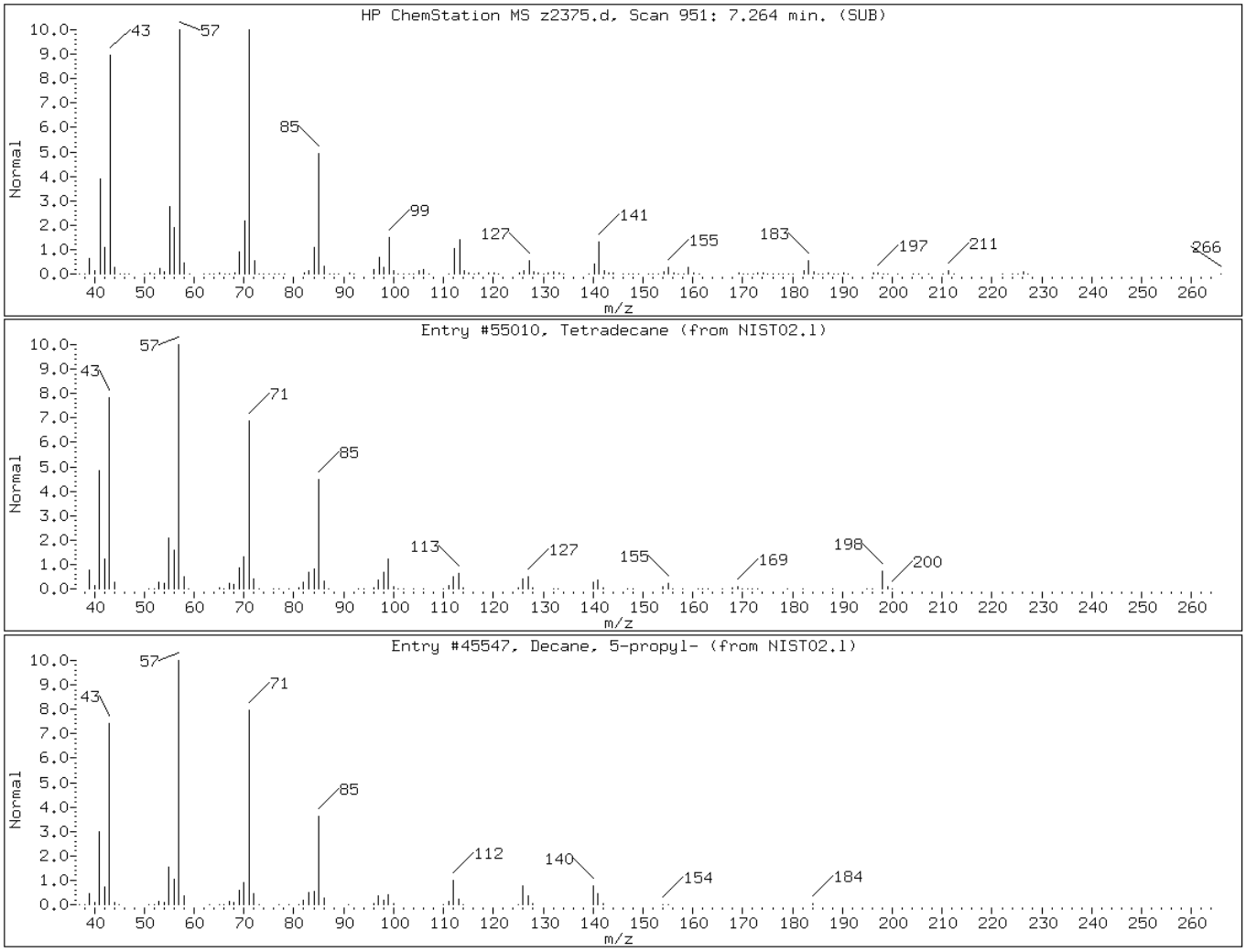
Date: 20-SEP-2013 08:18

Client ID: PMP-5SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-6-C Operator: BNAMS 4

Retention Time: 7.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Tetradecane	629-59-4	NIST02.l	55010	86	C14H30	198
Decane, 5-propyl-	17312-62-8	NIST02.l	45547	81	C13H28	184



Data File: z2375.d

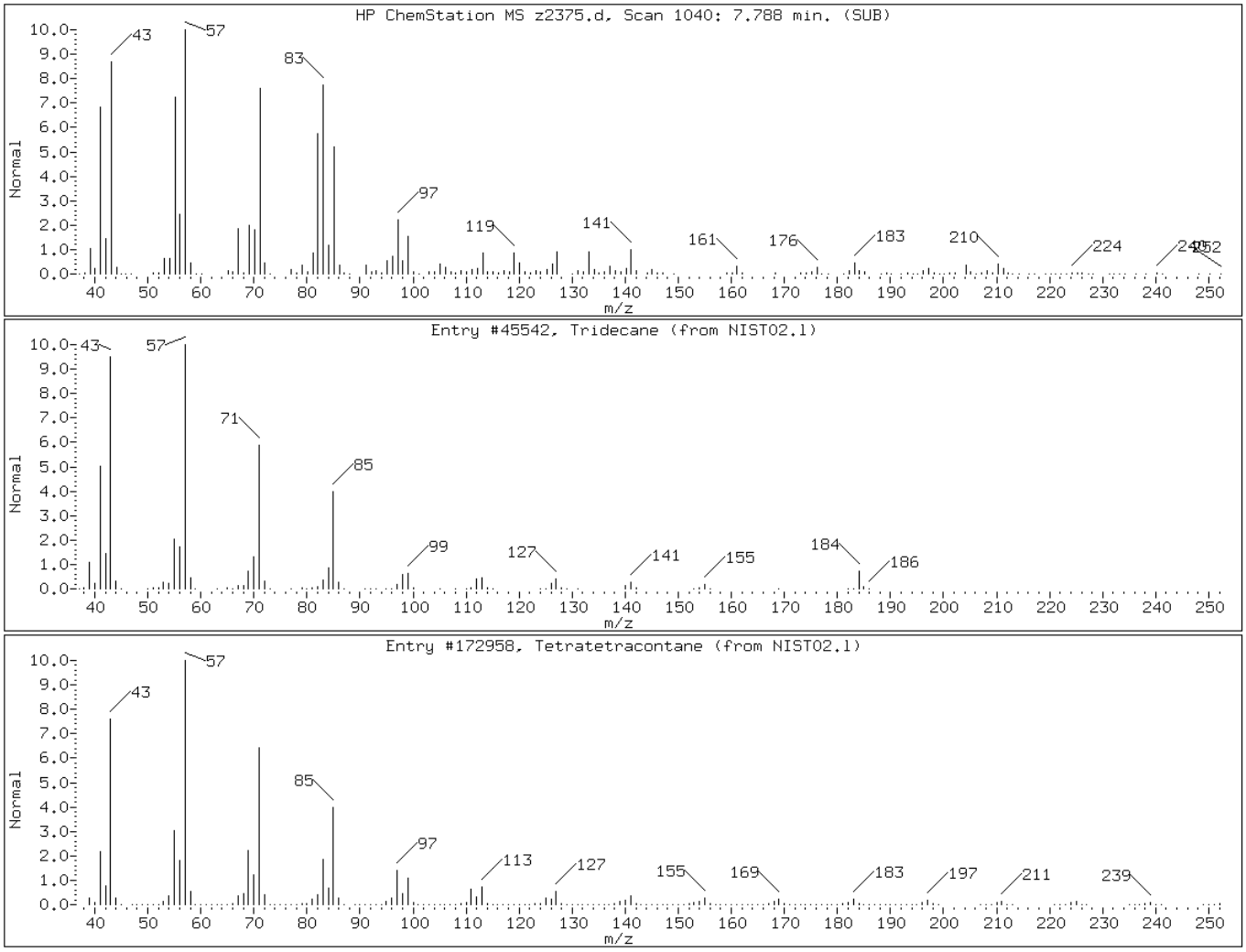
Date: 20-SEP-2013 08:18

Client ID: PMP-5SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-6-C Operator: BNAMS 4

Retention Time: 7.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tridecane	629-50-5	NIST02.l	45542	46	C13H28	184
Tetratetracontane	7098-22-8	NIST02.l	172958	46	C44H90	619



Data File: z2375.d

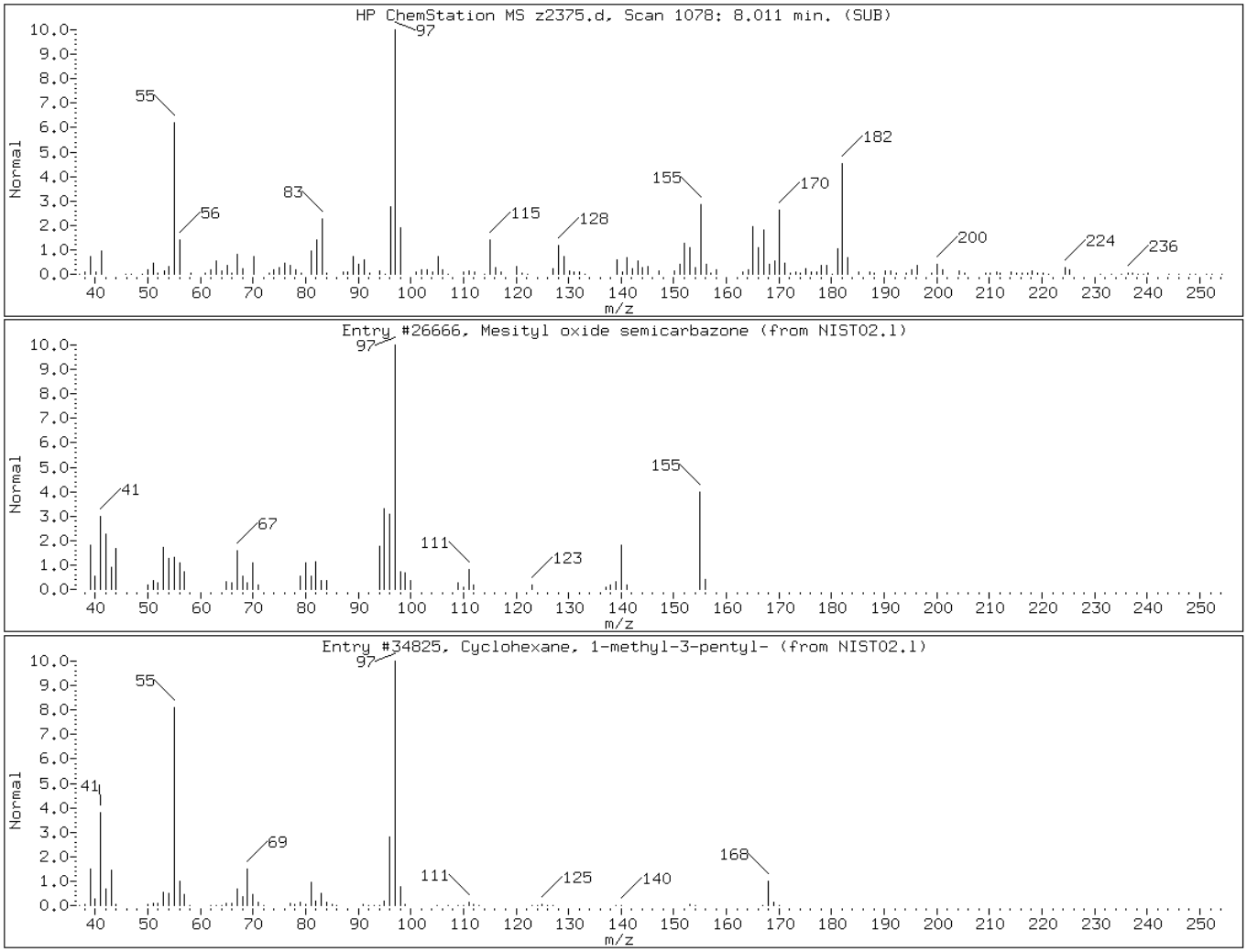
Date: 20-SEP-2013 08:18

Client ID: PMP-5SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-6-C Operator: BNAMS 4

Retention Time: 8.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Mesityl oxide semicarbazone	3780-62-9	NIST02.l	26666	32	C7H13N3O	155
Cyclohexane, 1-methyl-3-pentyl-	54411-02-8	NIST02.l	34825	27	C12H24	168



Data File: z2375.d

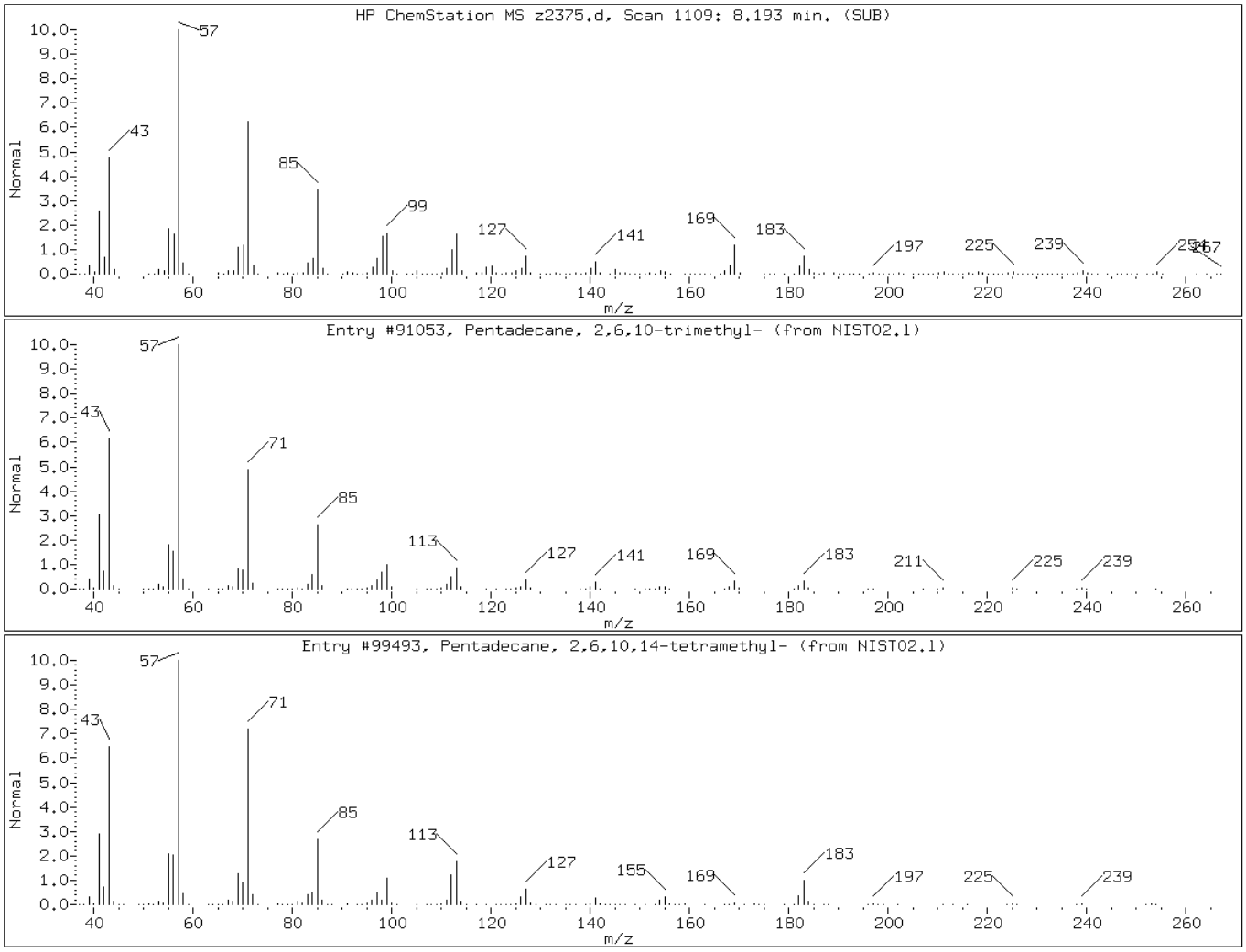
Date: 20-SEP-2013 08:18

Client ID: PMP-5SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-6-C Operator: BNAMS 4

Retention Time: 8.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	86	C18H38	254
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	83	C19H40	268



Data File: z2375.d

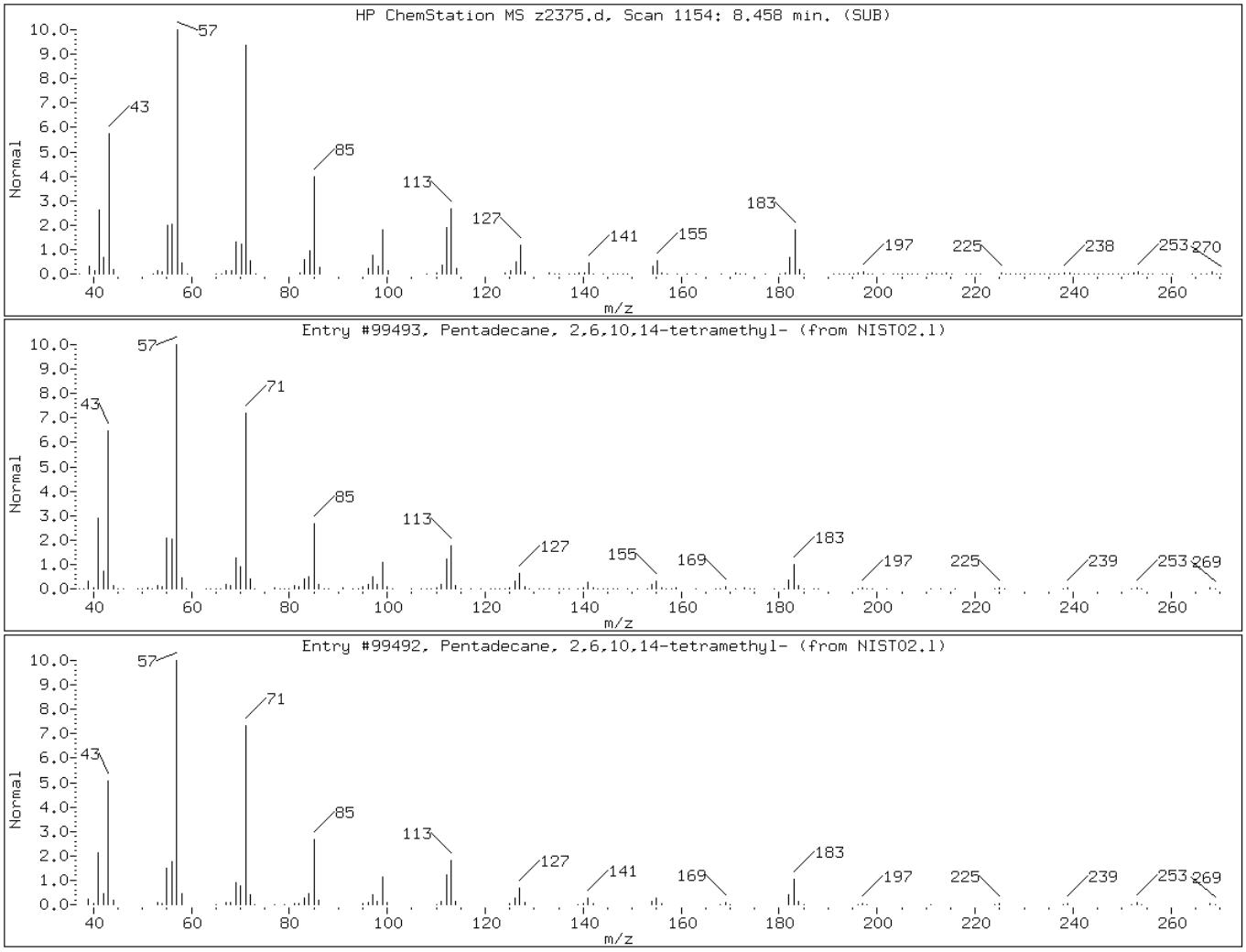
Date: 20-SEP-2013 08:18

Client ID: PMP-5SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-6-C Operator: BNAMS 4

Retention Time: 8.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	96	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	96	C19H40	268



Data File: z2375.d

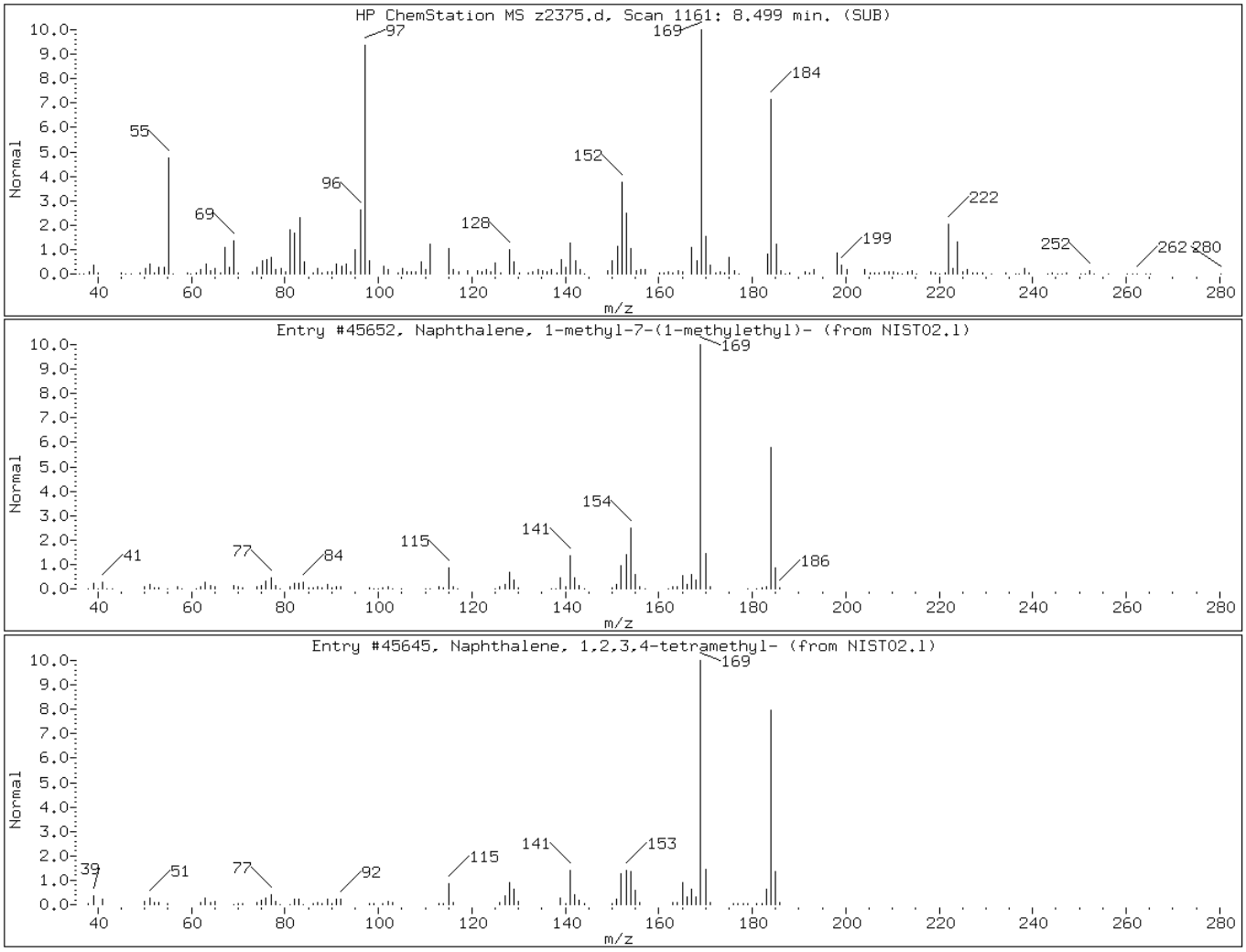
Date: 20-SEP-2013 08:18

Client ID: PMP-5SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-6-C Operator: BNAMS 4

Retention Time: 8.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Naphthalene, 1-methyl-7-(1-methyle	490-65-3	NIST02.l	45652	64	C14H16	184
Naphthalene, 1,2,3,4-tetramethyl-	3031-15-0	NIST02.l	45645	64	C14H16	184



Data File: z2375.d

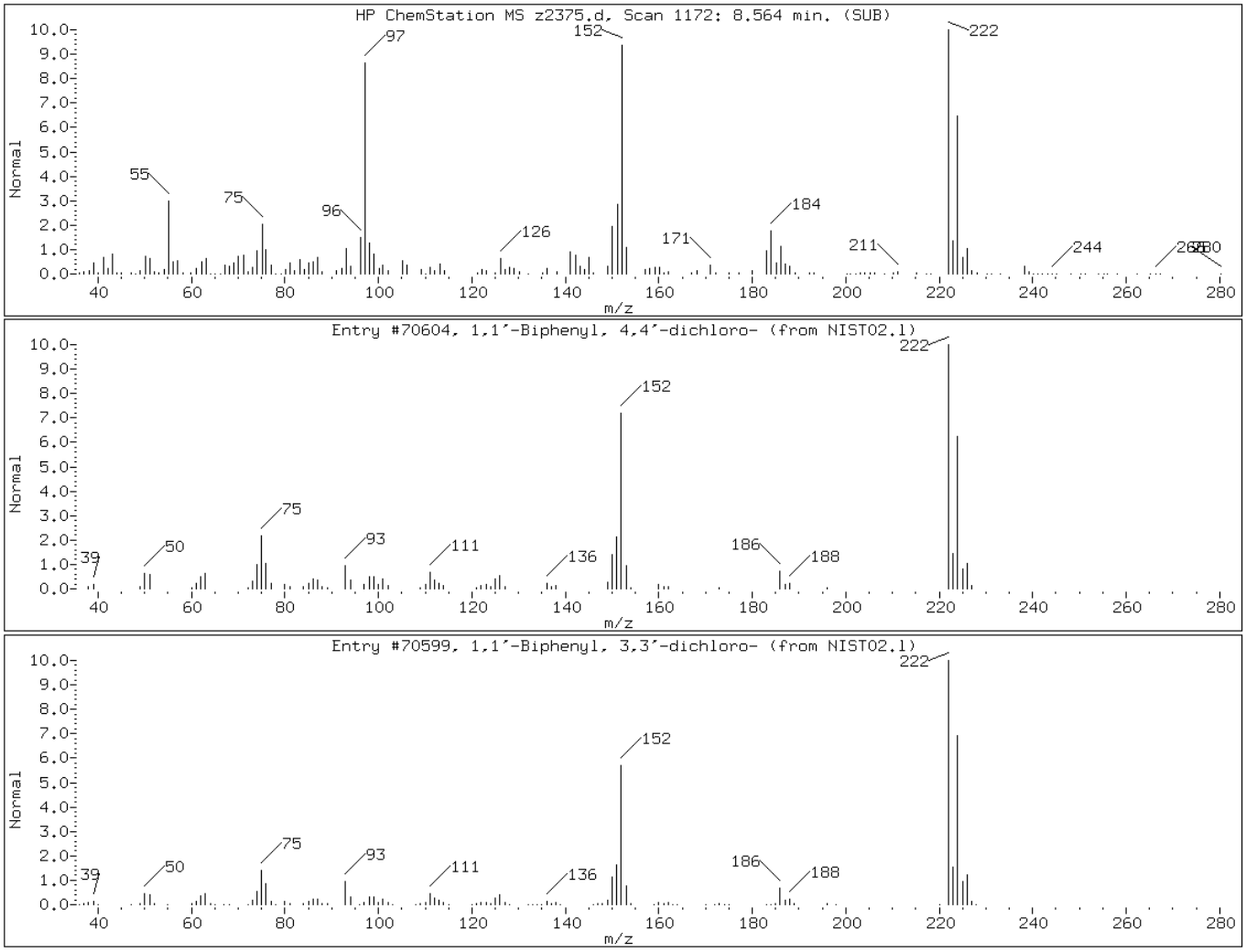
Date: 20-SEP-2013 08:18

Client ID: PMP-5SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-6-C Operator: BNAMS 4

Retention Time: 8.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.l	70604	93	C12H8Cl2	222
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.l	70599	93	C12H8Cl2	222



Data File: z2375.d

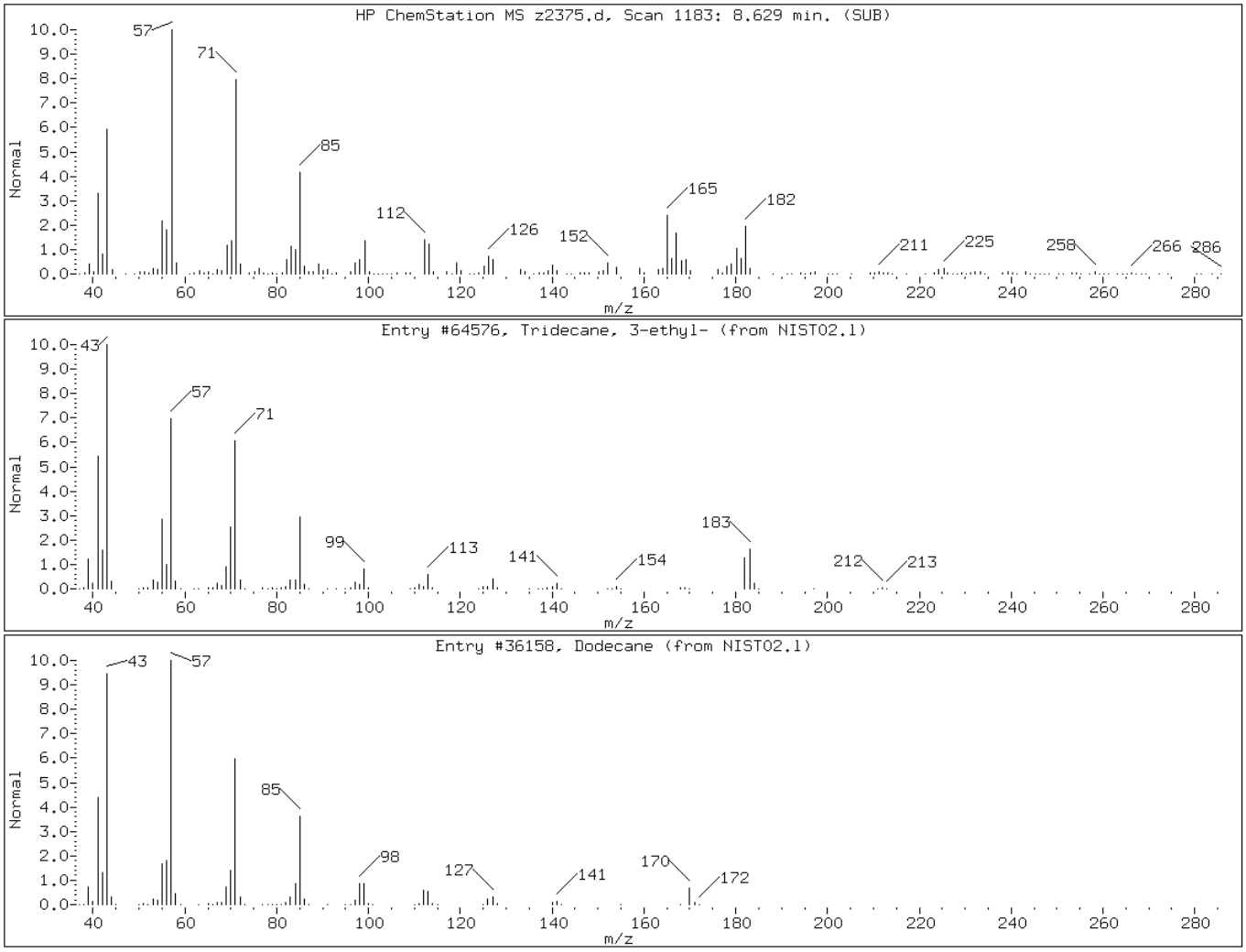
Date: 20-SEP-2013 08:18

Client ID: PMP-5SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-6-C Operator: BNAMS 4

Retention Time: 8.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Tridecane, 3-ethyl-	13286-73-2	NIST02.l	64576	70	C15H32	212
Dodecane	112-40-3	NIST02.l	36158	70	C12H26	170



Data File: z2375.d

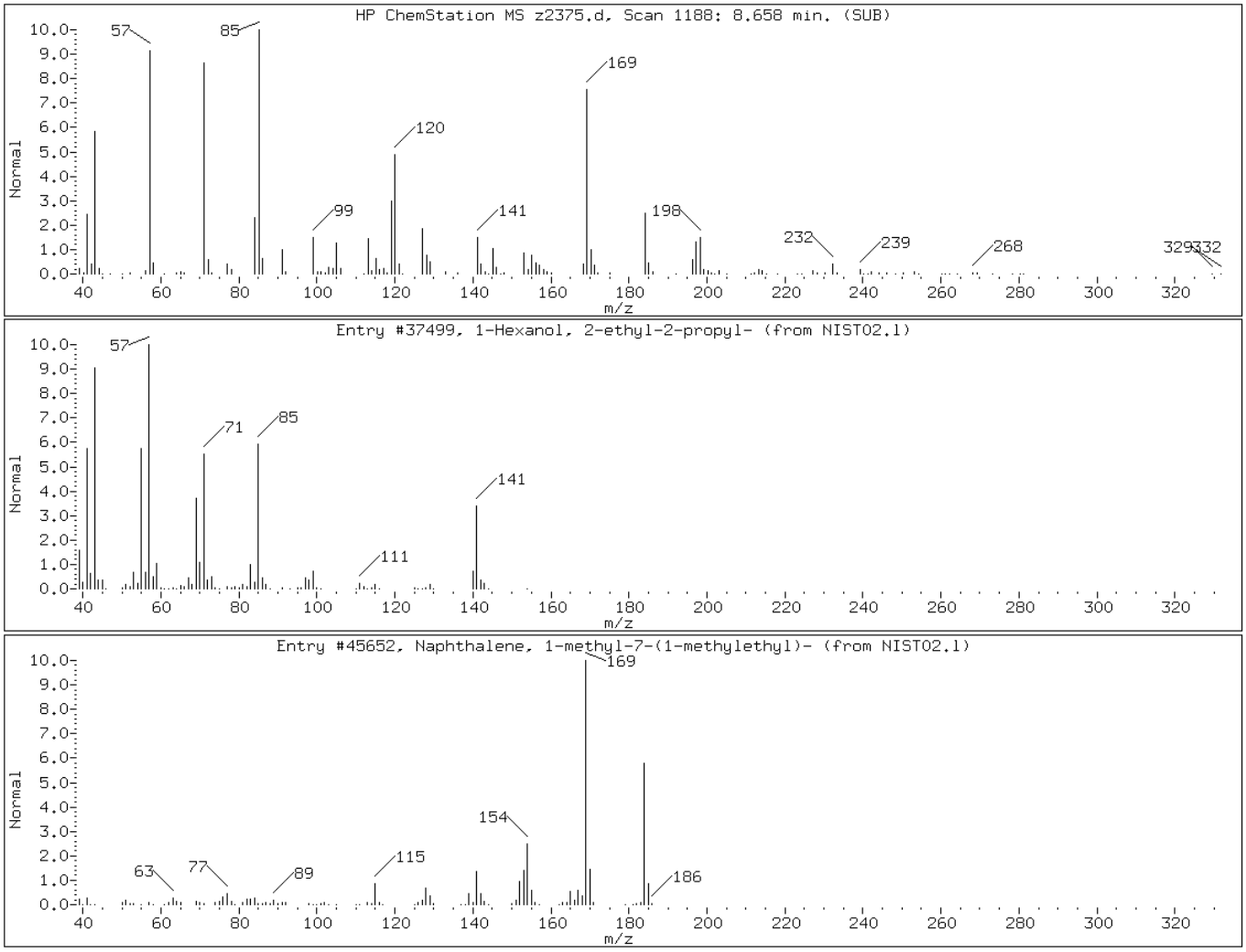
Date: 20-SEP-2013 08:18

Client ID: PMP-5SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-6-C Operator: BNAMS 4

Retention Time: 8.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane/Unknown						
1-Hexanol, 2-ethyl-2-propyl-	54461-00-6	NIST02.l	37499	27	C11H24O	172
Naphthalene, 1-methyl-7-(1-methyle	490-65-3	NIST02.l	45652	20	C14H16	184



Data File: z2375.d

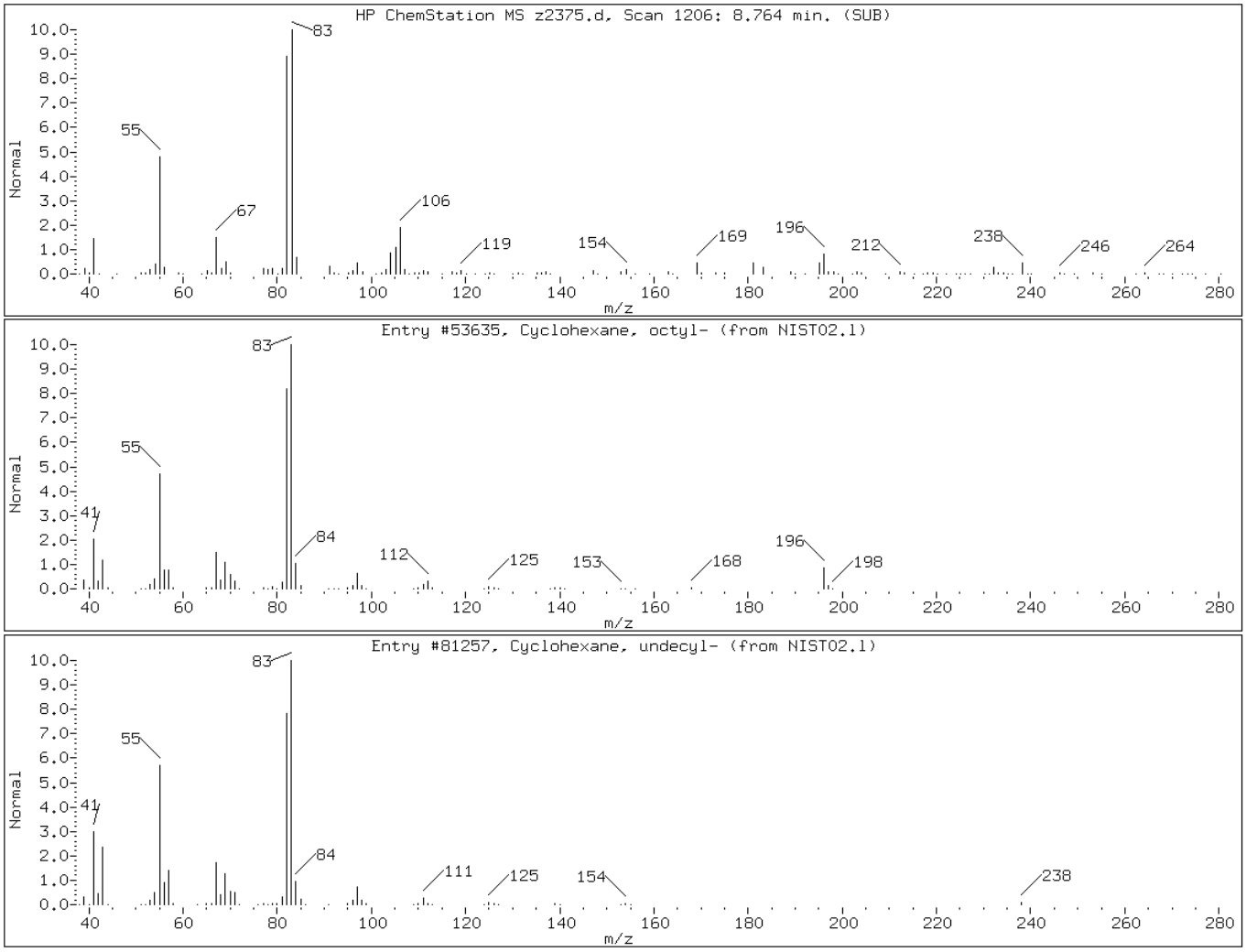
Date: 20-SEP-2013 08:18

Client ID: PMP-5SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-6-C Operator: BNAMS 4

Retention Time: 8.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Cyclohexane, octyl-	1795-15-9	NIST02.l	53635	72	C14H28	196
Cyclohexane, undecyl-	54105-66-7	NIST02.l	81257	50	C17H34	238



Data File: z2375.d

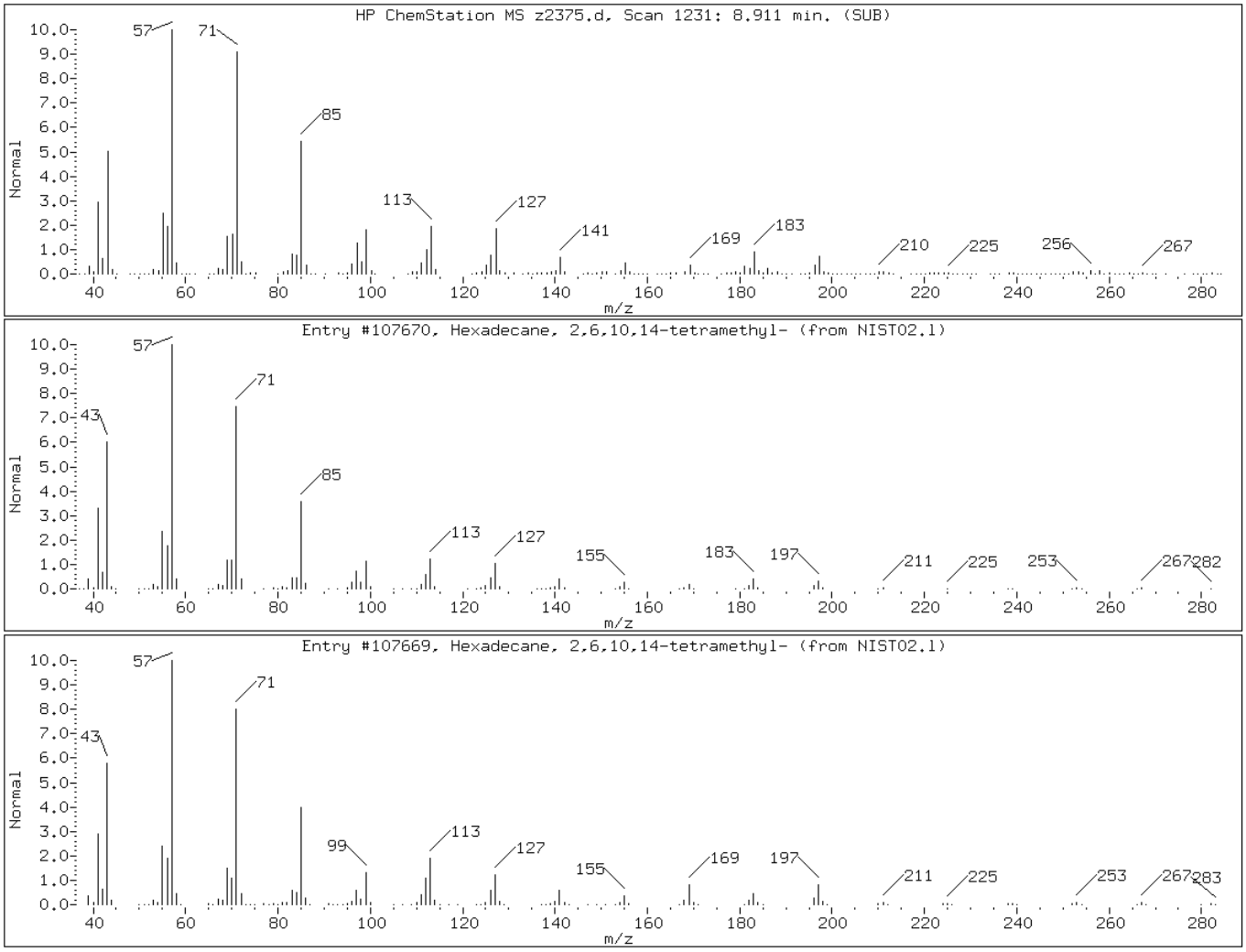
Date: 20-SEP-2013 08:18

Client ID: PMP-5SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-6-C Operator: BNAMS 4

Retention Time: 8.91

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	94	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107669	90	C20H42	282



Data File: z2375.d

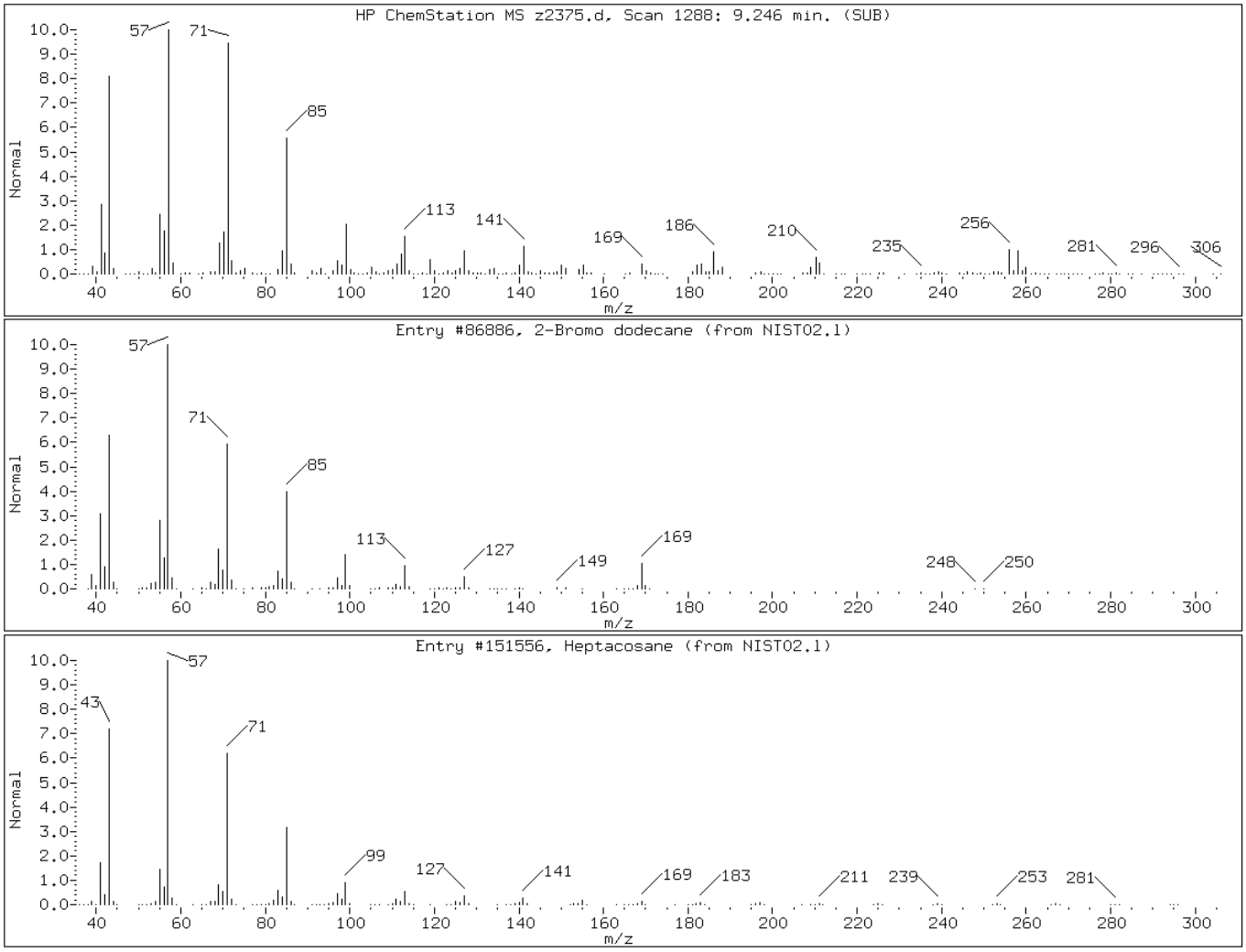
Date: 20-SEP-2013 08:18

Client ID: PMP-5SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-6-C Operator: BNAMS 4

Retention Time: 9.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
2-Bromo dodecane	13187-99-0	NIST02.l	86886	89	C12H25Br	248
Heptacosane	593-49-7	NIST02.l	151556	72	C27H56	380



Data File: z2375.d

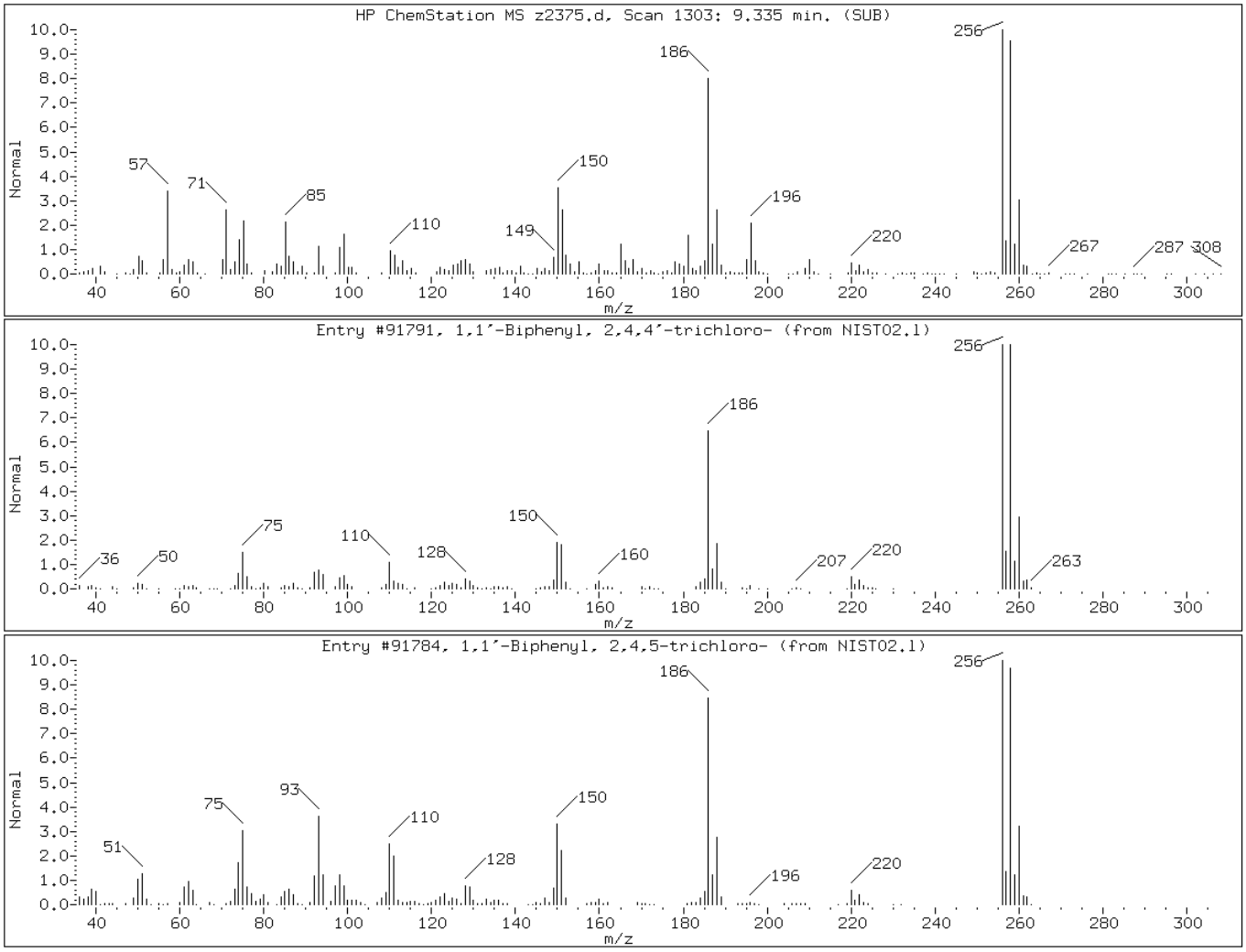
Date: 20-SEP-2013 08:18

Client ID: PMP-5SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-6-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, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.l	91784	96	C12H7Cl3	256



Data File: z2375.d

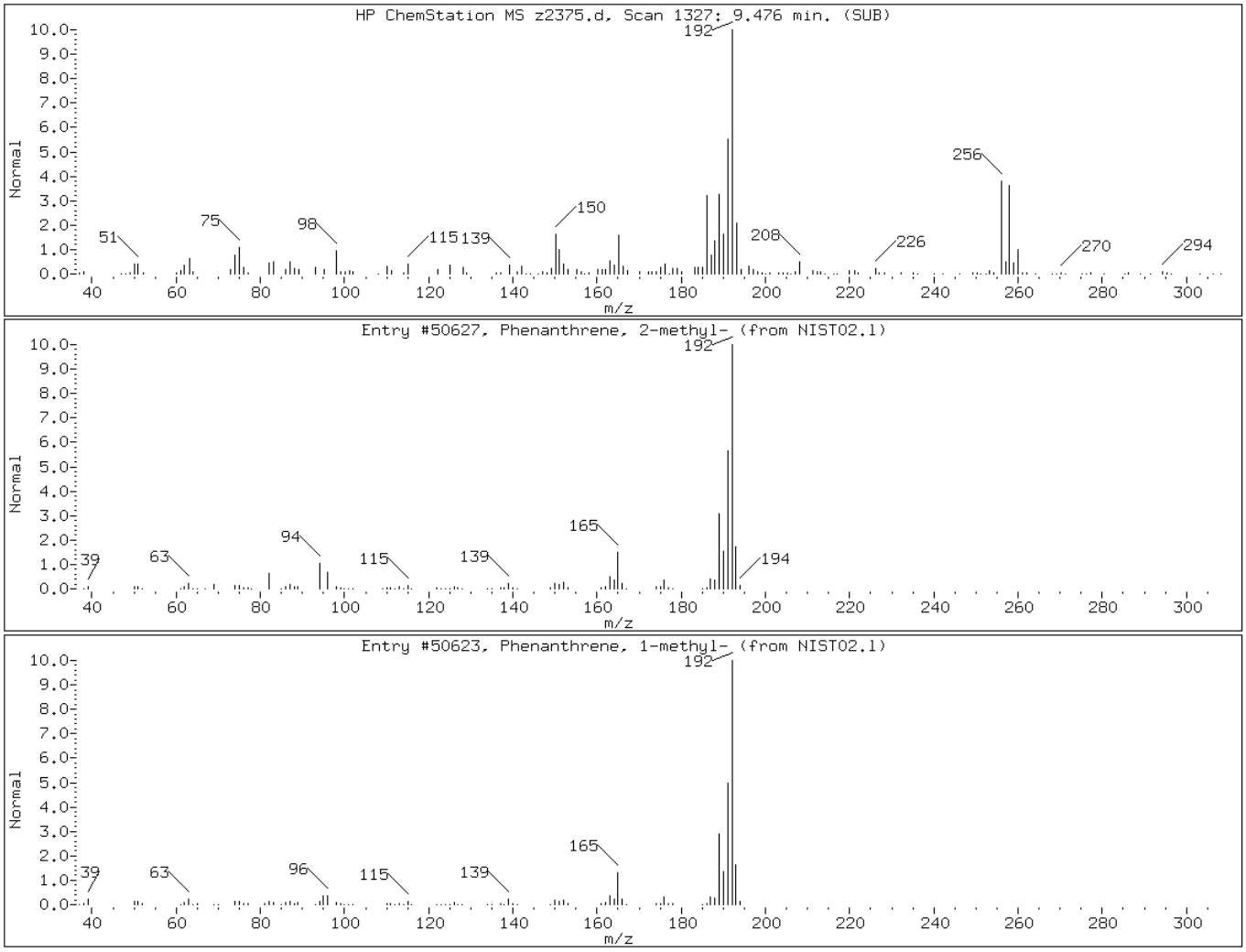
Date: 20-SEP-2013 08:18

Client ID: PMP-5SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-6-C Operator: BNAMS 4

Retention Time: 9.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-1						
Phenanthrene, 2-methyl-	2531-84-2	NIST02.l	50627	91	C15H12	192
Phenanthrene, 1-methyl-	832-69-9	NIST02.l	50623	87	C15H12	192



Data File: z2375.d

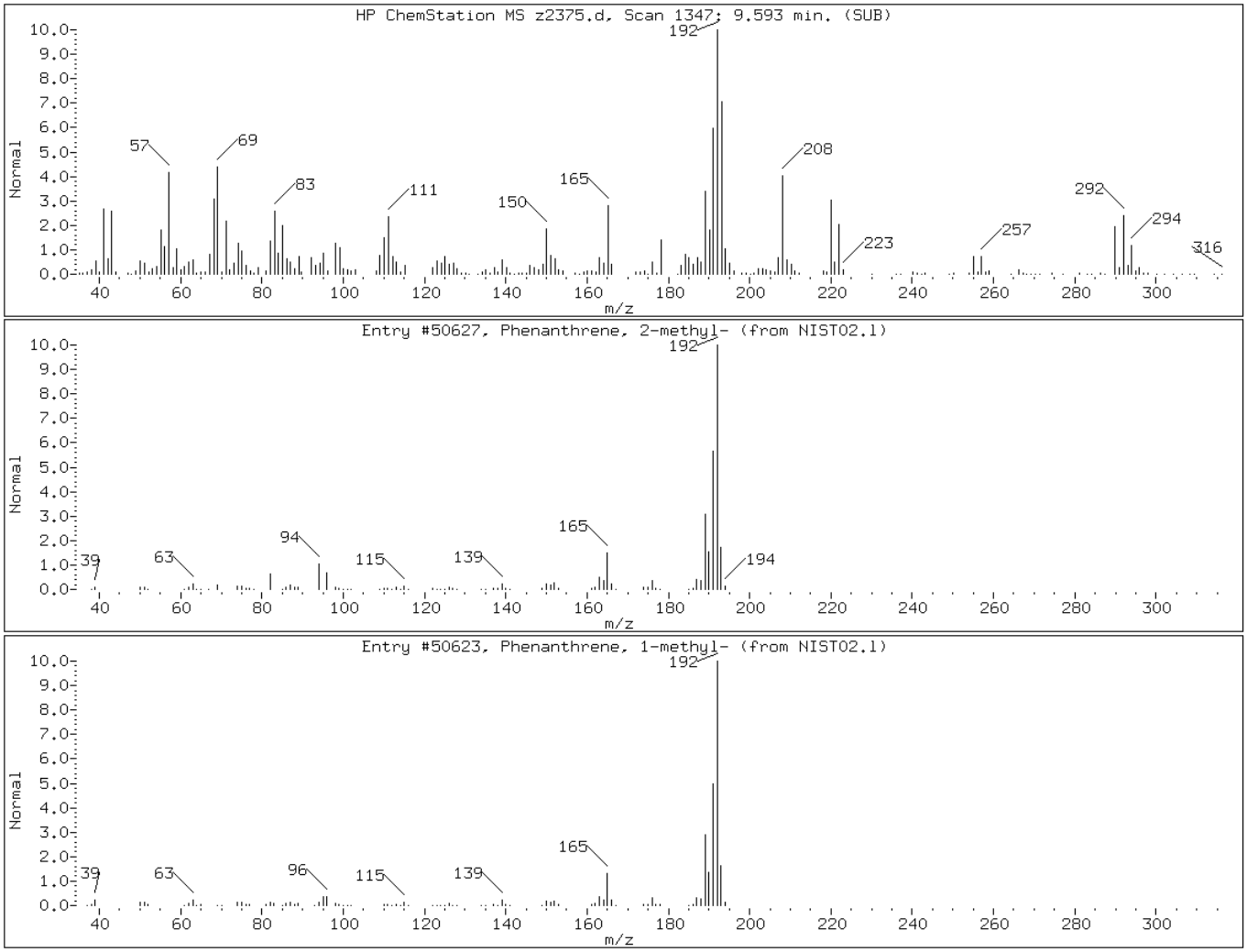
Date: 20-SEP-2013 08:18

Client ID: PMP-5SE-SI Instrument: BNAMS11.i

Sample Info: 460-62993-E-6-C Operator: BNAMS 4

Retention Time: 9.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H12 PAH-2						
Phenanthrene, 2-methyl-	2531-84-2	NIST02.l	50627	60	C15H12	192
Phenanthrene, 1-methyl-	832-69-9	NIST02.l	50623	49	C15H12	192



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-VS | Lab Sample ID: 460-62993-7

Matrix: Solid | Lab File ID: z2395.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:50

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 16:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	93	U	690	93
95-57-8	2-Chlorophenol	91	U	690	91
95-48-7	2-Methylphenol	120	U	690	120
106-44-5	4-Methylphenol	140	U	690	140
100-52-7	Benzaldehyde	81	U	690	81
98-86-2	Acetophenone	110	U	690	110
111-44-4	Bis(2-chloroethyl)ether	9.4	U	69	9.4
108-60-1	2,2'-oxybis[1-chloropropane]	76	U	690	76
621-64-7	N-Nitrosodi-n-propylamine	12	U	69	12
98-95-3	Nitrobenzene	9.8	U	69	9.8
67-72-1	Hexachloroethane	7.7	U	69	7.7
78-59-1	Isophorone	84	U	690	84
88-75-5	2-Nitrophenol	77	U	690	77
105-67-9	2,4-Dimethylphenol	170	U	690	170
120-83-2	2,4-Dichlorophenol	100	U	690	100
111-91-1	Bis(2-chloroethoxy)methane	89	U	690	89
91-20-3	Naphthalene	80	U	690	80
106-47-8	4-Chloroaniline	180	U	690	180
87-68-3	Hexachlorobutadiene	17	U	140	17
105-60-2	Caprolactam	160	U	690	160
59-50-7	4-Chloro-3-methylphenol	100	U	690	100
91-57-6	2-Methylnaphthalene	89	U	690	89
118-74-1	Hexachlorobenzene	9.4	U	69	9.4
77-47-4	Hexachlorocyclopentadiene	81	U	690	81
88-06-2	2,4,6-Trichlorophenol	81	U	690	81
95-95-4	2,4,5-Trichlorophenol	89	U	690	89
92-52-4	Diphenyl	92	U	690	92
91-58-7	2-Chloronaphthalene	77	U	690	77
88-74-4	2-Nitroaniline	290	U	1400	290
606-20-2	2,6-Dinitrotoluene	21	U	140	21
131-11-3	Dimethyl phthalate	82	U	690	82
208-96-8	Acenaphthylene	81	U	690	81
99-09-2	3-Nitroaniline	240	U	1400	240
83-32-9	Acenaphthene	100	U	690	100

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-VS | Lab Sample ID: 460-62993-7

Matrix: Solid | Lab File ID: z2395.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:50

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 16:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	440	U	2100	440
51-28-5	2,4-Dinitrophenol	390	U	2100	390
132-64-9	Dibenzofuran	81	U	690	81
84-66-2	Diethyl phthalate	82	U	690	82
86-73-7	Fluorene	88	U	690	88
206-44-0	Fluoranthene	92	U	690	92
84-74-2	Di-n-butyl phthalate	85	U	690	85
121-14-2	2,4-Dinitrotoluene	23	U	140	23
7005-72-3	4-Chlorophenyl phenyl ether	81	U	690	81
100-01-6	4-Nitroaniline	210	U	1400	210
534-52-1	4,6-Dinitro-2-methylphenol	190	U	2100	190
101-55-3	4-Bromophenyl phenyl ether	68	U	690	68
1912-24-9	Atrazine	110	U	690	110
120-12-7	Anthracene	84	U	690	84
86-74-8	Carbazole	81	U	690	81
85-01-8	Phenanthrene	88	U	690	88
87-86-5	Pentachlorophenol	210	U	2100	210
129-00-0	Pyrene	58	U	690	58
218-01-9	Chrysene	80	U	690	80
207-08-9	Benzo[k]fluoranthene	5.2	U	69	5.2
191-24-2	Benzo[g,h,i]perylene	51	U	690	51
205-99-2	Benzo[b]fluoranthene	17	J	69	4.4
50-32-8	Benzo[a]pyrene	4.9	U	69	4.9
56-55-3	Benzo[a]anthracene	4.8	U	69	4.8
86-30-6	N-Nitrosodiphenylamine	68	U	690	68
85-68-7	Butyl benzyl phthalate	63	U	690	63
117-81-7	Bis(2-ethylhexyl) phthalate	230	U	690	230
117-84-0	Di-n-octyl phthalate	44	U	690	44
193-39-5	Indeno[1,2,3-cd]pyrene	13	U	69	13
53-70-3	Dibenz(a,h)anthracene	8.7	U	69	8.7
91-94-1	3,3'-Dichlorobenzidine	240	U	1400	240
95-94-3	1,2,4,5-Tetrachlorobenzene	93	U	690	93
58-90-2	2,3,4,6-Tetrachlorophenol	90	U	690	90

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-VS Lab Sample ID: 460-62993-7

Matrix: Solid Lab File ID: z2395.d

Analysis Method: 8270C Date Collected: 09/13/2013 08:50

Extract. Method: 3541 Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.01(g) Date Analyzed: 09/20/2013 16:38

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	73		38-105
4165-62-2	Phenol-d5	67		41-118
1718-51-0	Terphenyl-d14	63		16-151
118-79-6	2,4,6-Tribromophenol	65		10-120
367-12-4	2-Fluorophenol	70		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-VS | Lab Sample ID: 460-62993-7

Matrix: Solid | Lab File ID: z2395.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:50

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 16:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 27470

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	8.43	870	J
	Trichloro-1,1-biphenyl isomer-1	8.91	3700	J
	Unknown	8.93	1100	J
	Trichloro-1,1-biphenyl isomer-2	9.08	2100	J
	Trichloro-1,1-biphenyl isomer-4	9.32	5300	J
	Trichloro-1,1-biphenyl isomer-5	9.39	1200	J
	Trichloro-1,1-biphenyl isomer-6	9.46	1100	J
	Tetrachloro-1,1-biphenyl isomer-1	9.59	1900	J
	Tetrachloro-1,1-biphenyl isomer-2	9.62	1300	J
	Unknown	9.65	1100	J
	Tetrachloro-1,1-biphenyl isomer-3	9.75	1700	J
	Tetrachloro-1,1-biphenyl isomer-6	9.86	1300	J
	Tetrachloro-1,1-biphenyl isomer-8	10.08	1600	J
	Pentachloro-1,1'-biphenyl isomer-1	10.10	2000	J
	Tetrachloro-1,1-biphenyl isomer-9	10.23	1200	J

Data File: /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2395.d
Report Date: 20-Sep-2013 17:03

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2395.d
Lab Smp Id: 460-62993-E-7-C Client Smp ID: PMP-8SE-VS
Inj Date : 20-SEP-2013 16:38
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62993-E-7-C
Misc Info : 460-62993-E-7-C
Comment   :
Method   : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/8270C_11.m
Meth Date : 20-Sep-2013 12:31 czhao Quant Type: ISTD
Cal Date : 19-SEP-2013 03:37 Cal File: z2314.d
Als bottle: 28
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	15.01000	Weight of sample extracted (g)
M	4.10448	% 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	3.200	3.188	(0.717)	346881	34.8506	4800
$ 17 Phenol-d5 (SUR)	99	4.088	4.111	(0.916)	419391	33.7119	4700
* 79 1,4-Dichlorobenzene-d4	152	4.464	4.470	(1.000)	280656	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.011	5.035	(0.872)	196437	18.2730	2500
* 80 Naphthalene-d8	136	5.746	5.758	(1.000)	923411	40.0000	
120 1-Methylnaphthalene	142	6.564	6.570	(1.142)	913	0.05732	8.0(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.829	6.840	(0.910)	271908	21.8441	3000
125 1,3-Dimethylnaphthalene	156	7.164	7.176	(0.955)	1611	0.17563	24(a)
* 82 Acenaphthene-d10	164	7.505	7.511	(1.000)	336935	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.282	8.287	(1.103)	38588	32.3228	4500
115 n-Octadecane	57	8.858	8.864	(0.988)	8702	1.25993	180(a)
* 83 Phenanthrene-d10	188	8.970	8.976	(1.000)	339542	40.0000	
57 Pyrene	202	10.399	10.399	(0.883)	1619	0.15339	21(a)

Data File: /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2395.d
Report Date: 20-Sep-2013 17:03

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 78 Terphenyl-d14	244	10.552	10.558	(0.896)	104456	15.7805	2200
* 81 Chrysene-d12	240	11.775	11.781	(1.000)	201975	40.0000	
65 Benzo(b)fluoranthene	252	13.199	13.205	(0.961)	829	0.12061	17(a)
* 84 Perylene-d12	264	13.734	13.734	(1.000)	245344	40.0000	
70 Benzo(g,h,i)perylene	276	15.758	15.757	(1.147)	1294	0.24250	34(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: z2395.d

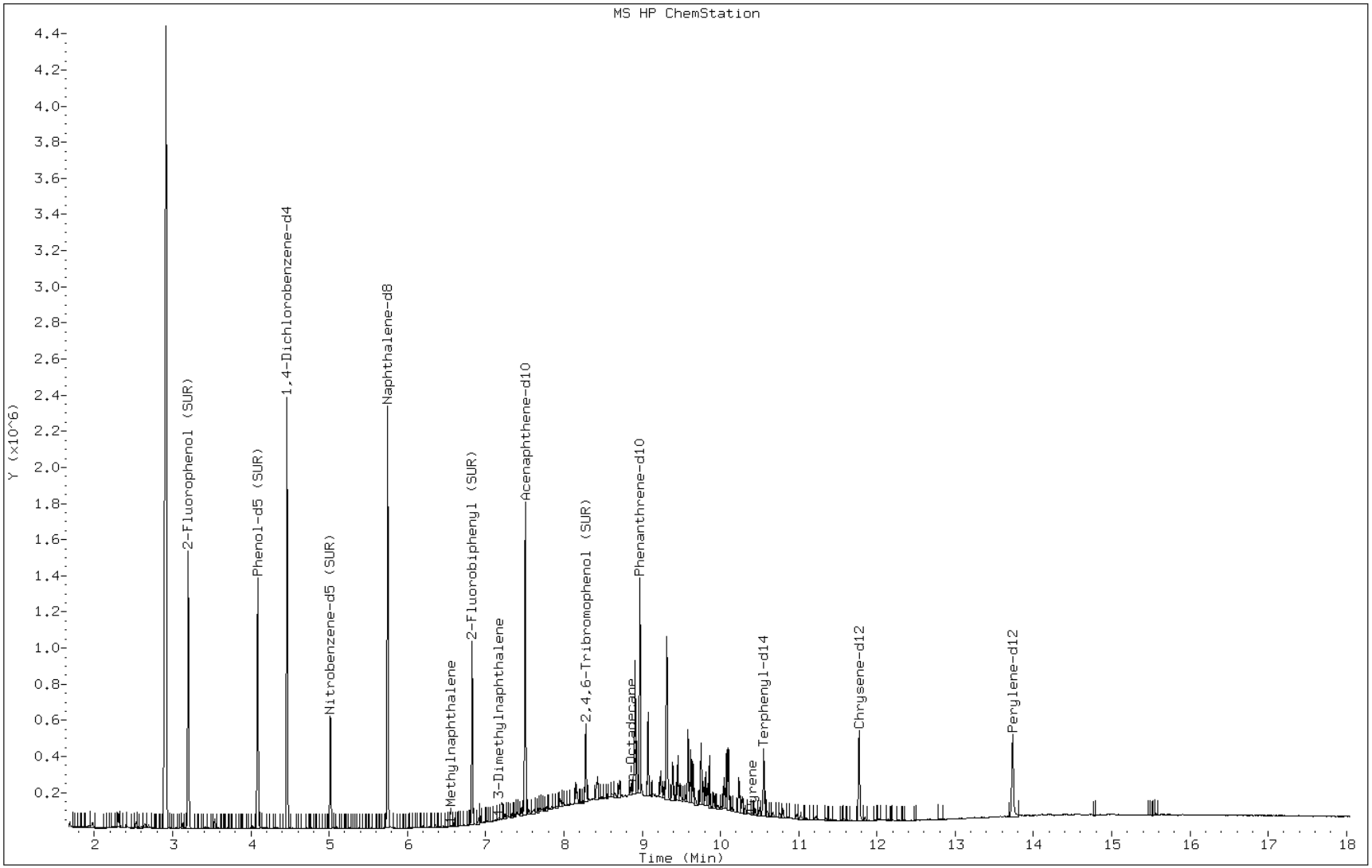
Date: 20-SEP-2013 16:38

Client ID: PMP-8SE-VS

Instrument: BNAMS11.i

Sample Info: 460-62993-E-7-C

Operator: BNAMS 4



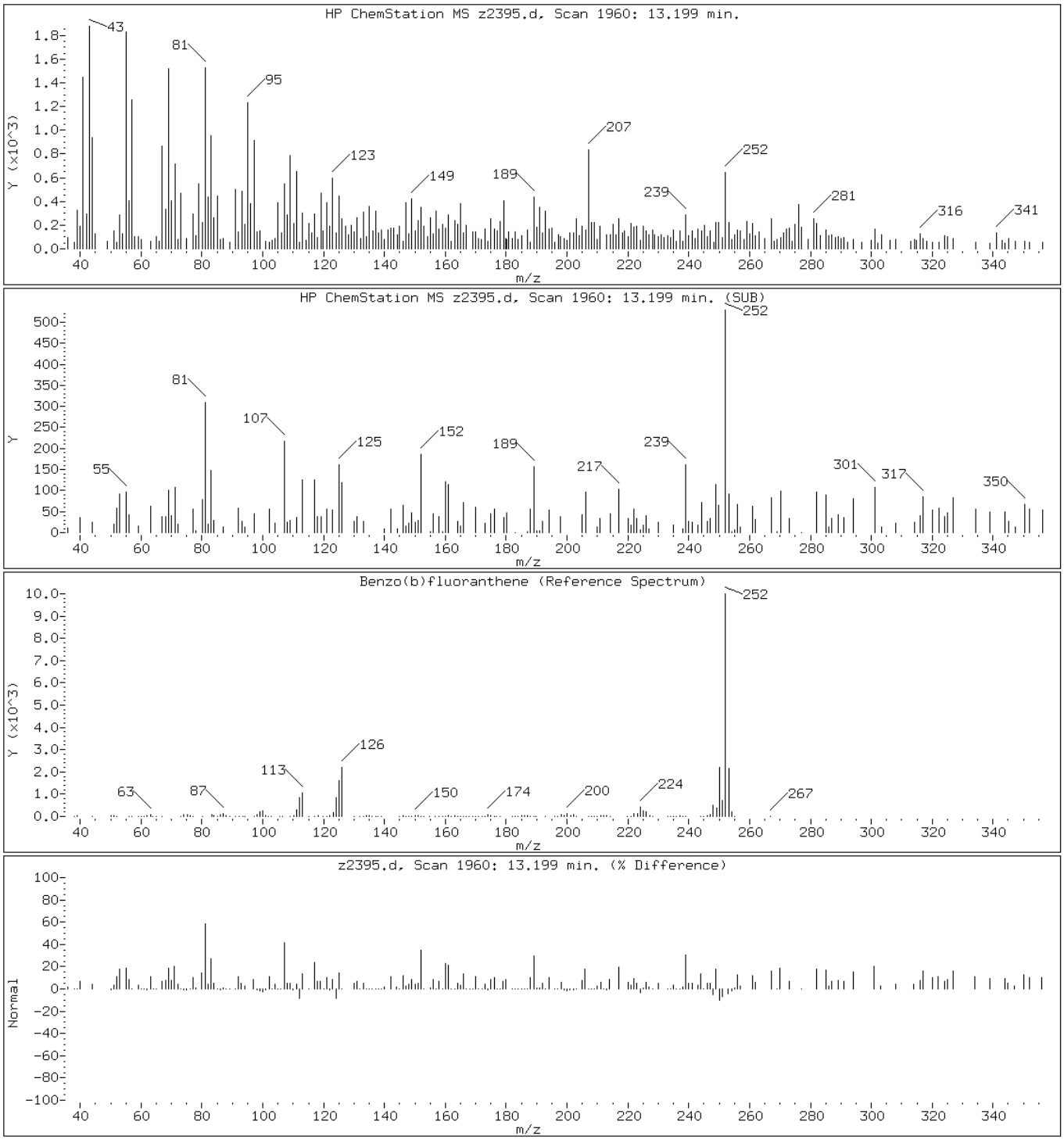
Data File: z2395.d

Date: 20-SEP-2013 16:38

Client ID: PMP-8SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-7-C Operator: BNAMS 4

65 Benzo(b)fluoranthene



Data File: z2395.d

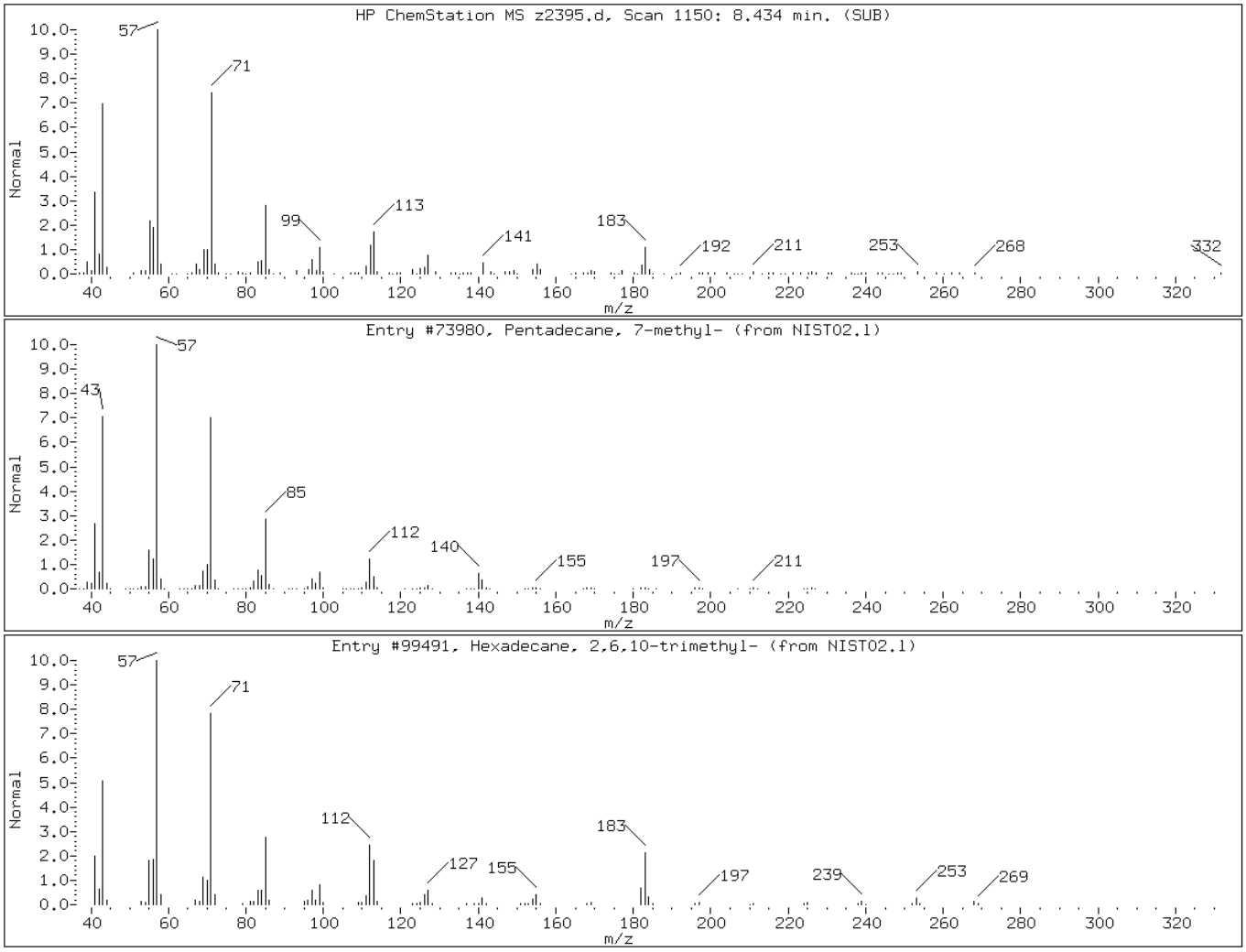
Date: 20-SEP-2013 16:38

Client ID: PMP-8SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-7-C Operator: BNAMS 4

Retention Time: 8.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Pentadecane, 7-methyl-	6165-40-8	NIST02.l	73980	94	C16H34	226
Hexadecane, 2,6,10-trimethyl-	55000-52-7	NIST02.l	99491	93	C19H40	268



Data File: z2395.d

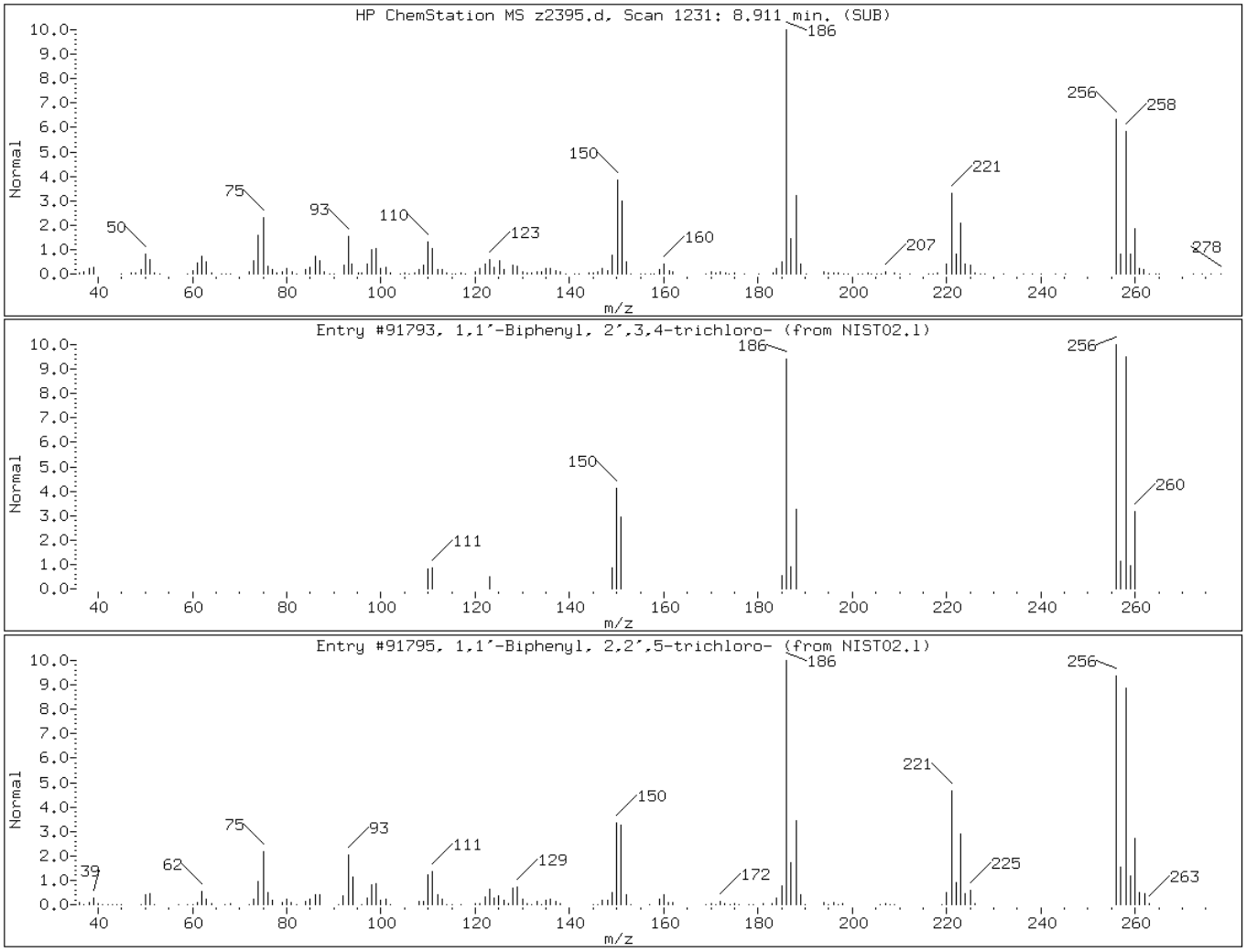
Date: 20-SEP-2013 16:38

Client ID: PMP-8SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-7-C Operator: BNAMS 4

Retention Time: 8.91

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	97	C12H7Cl3	256
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.l	91795	95	C12H7Cl3	256



Data File: z2395.d

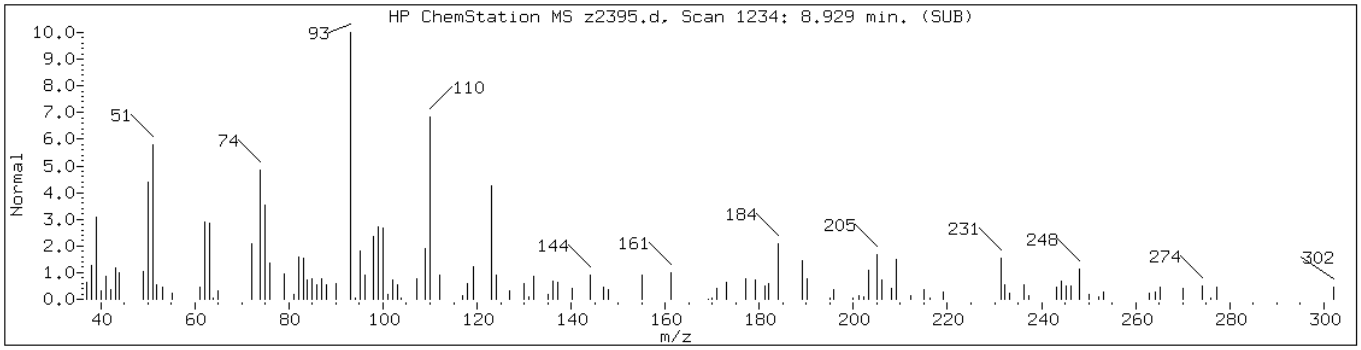
Date: 20-SEP-2013 16:38

Client ID: PMP-8SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-7-C Operator: BNAMS 4

Retention Time: 8.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						



Data File: z2395.d

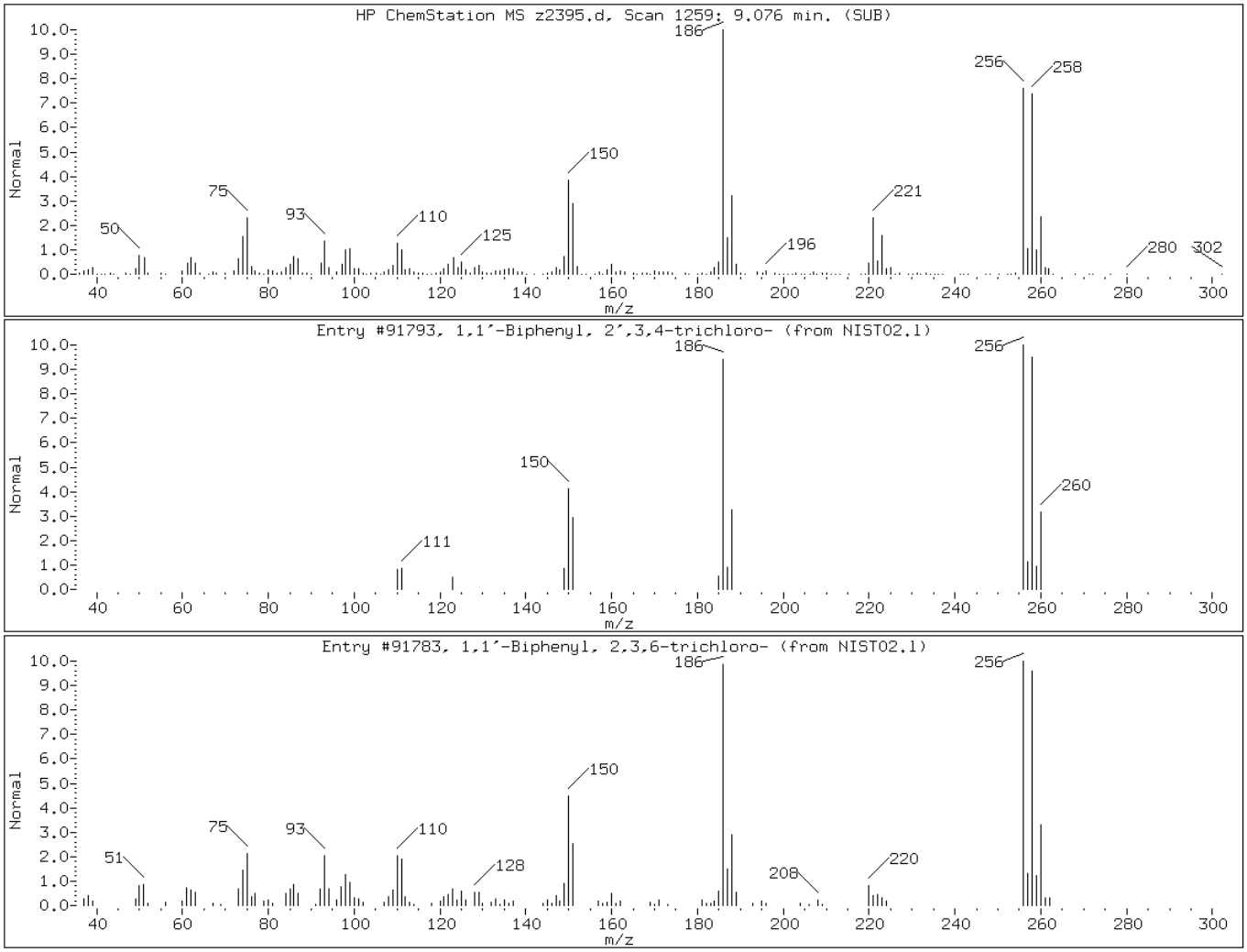
Date: 20-SEP-2013 16:38

Client ID: PMP-8SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-7-C Operator: BNAMS 4

Retention Time: 9.08

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, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	98	C12H7Cl3	256



Data File: z2395.d

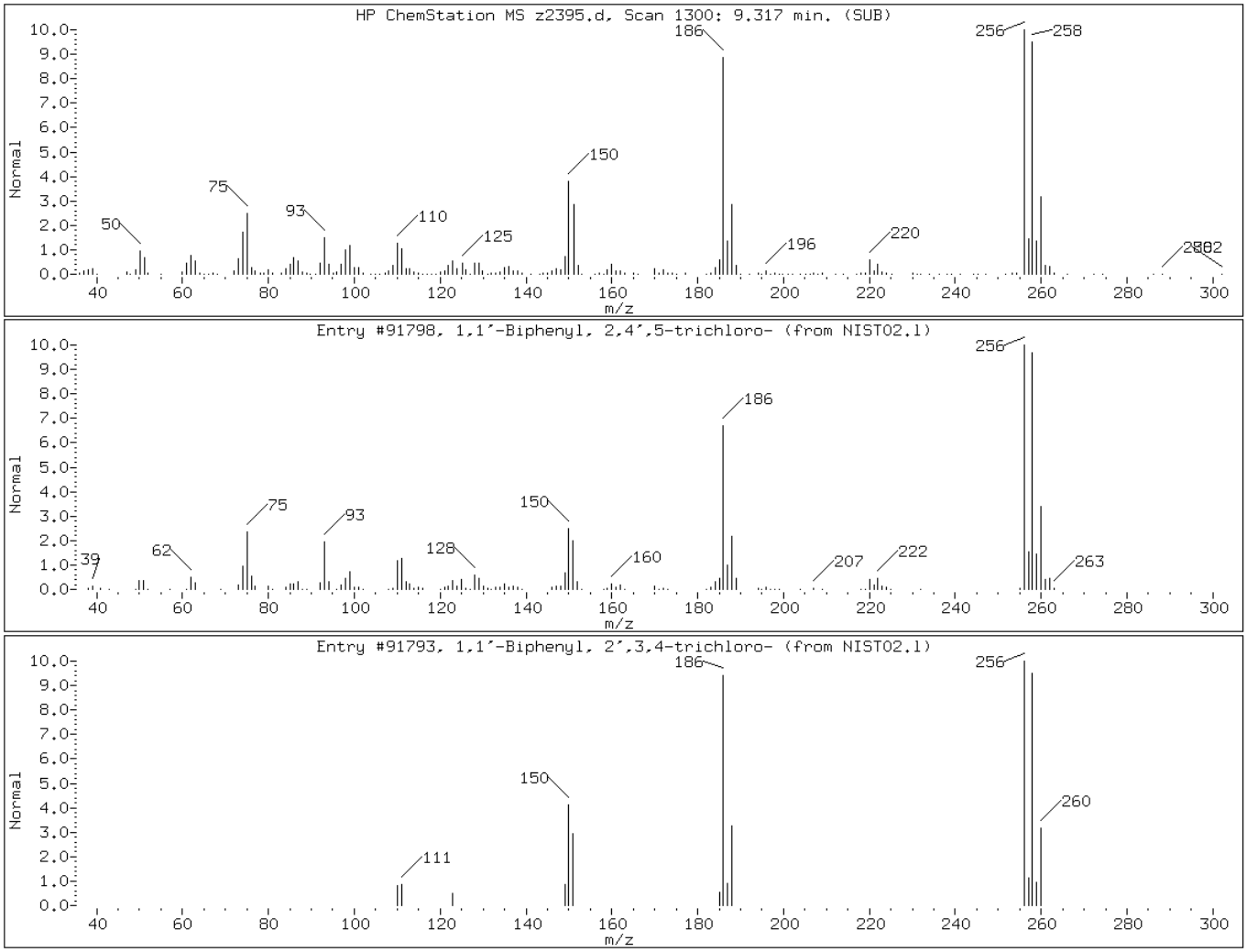
Date: 20-SEP-2013 16:38

Client ID: PMP-8SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-7-C Operator: BNAMS 4

Retention Time: 9.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91798	99	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	98	C12H7Cl3	256



Data File: z2395.d

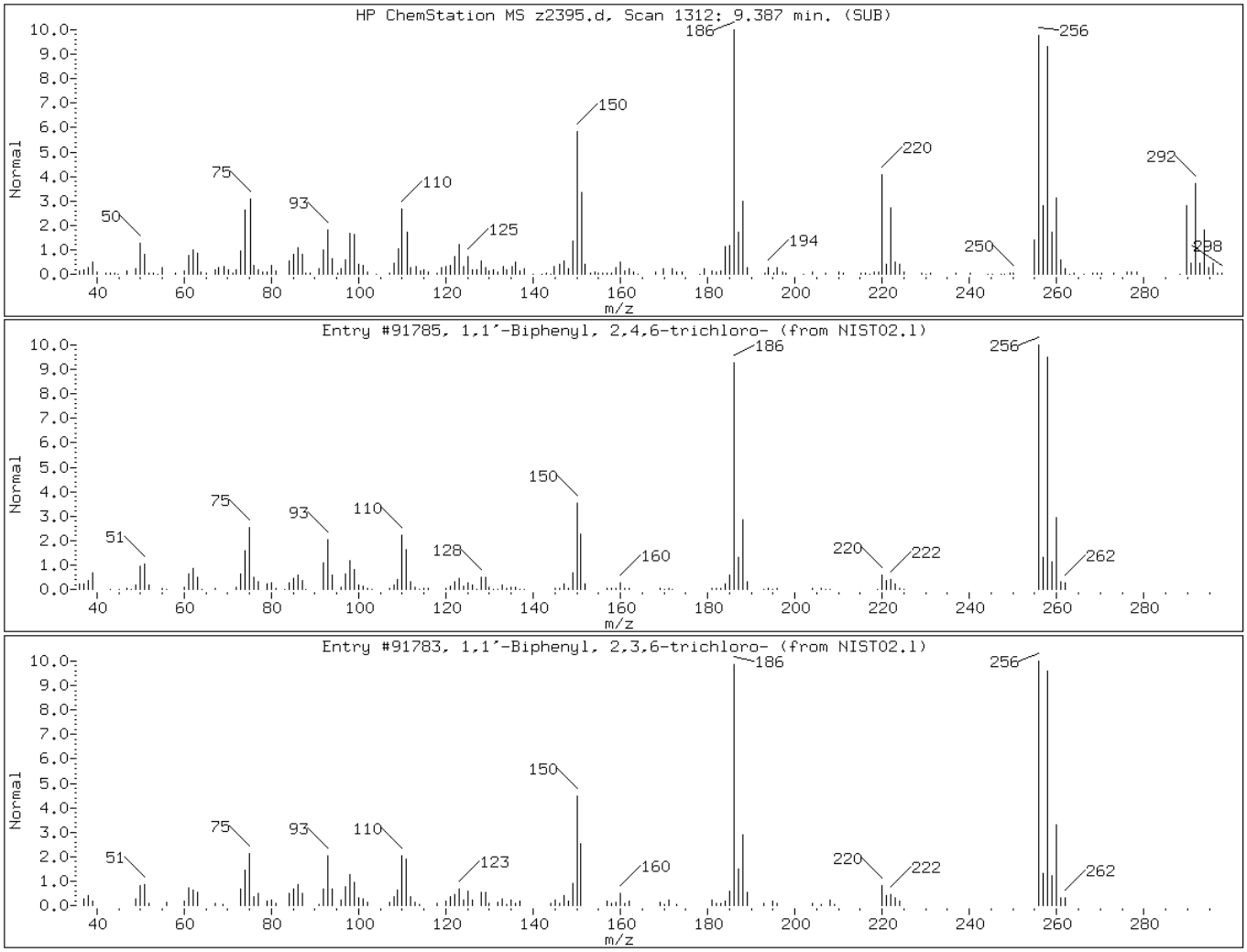
Date: 20-SEP-2013 16:38

Client ID: PMP-8SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-7-C Operator: BNAMS 4

Retention Time: 9.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.l	91785	98	C12H7Cl3	256
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	95	C12H7Cl3	256



Data File: z2395.d

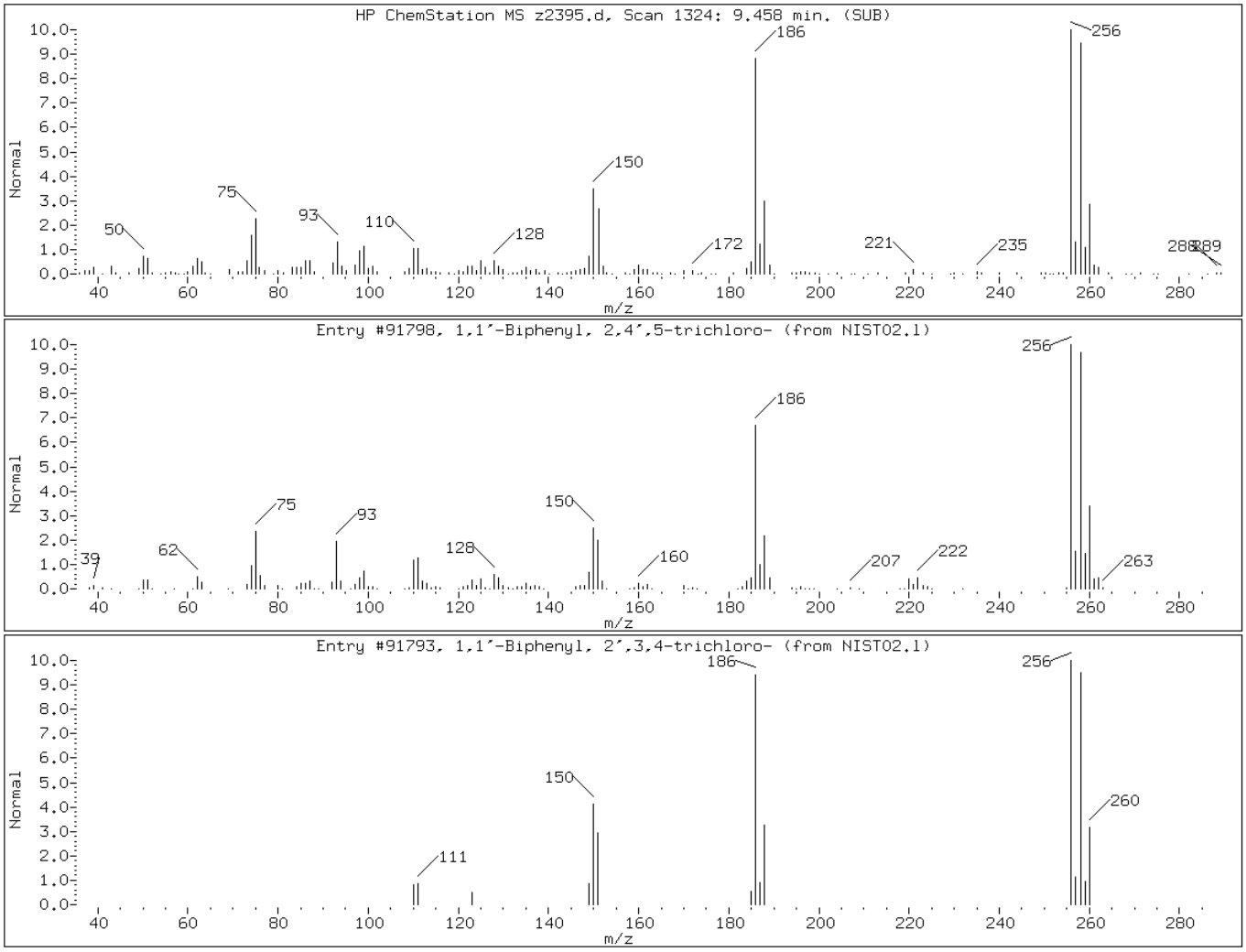
Date: 20-SEP-2013 16:38

Client ID: PMP-8SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-7-C Operator: BNAMS 4

Retention Time: 9.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91798	98	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	98	C12H7Cl3	256



Data File: z2395.d

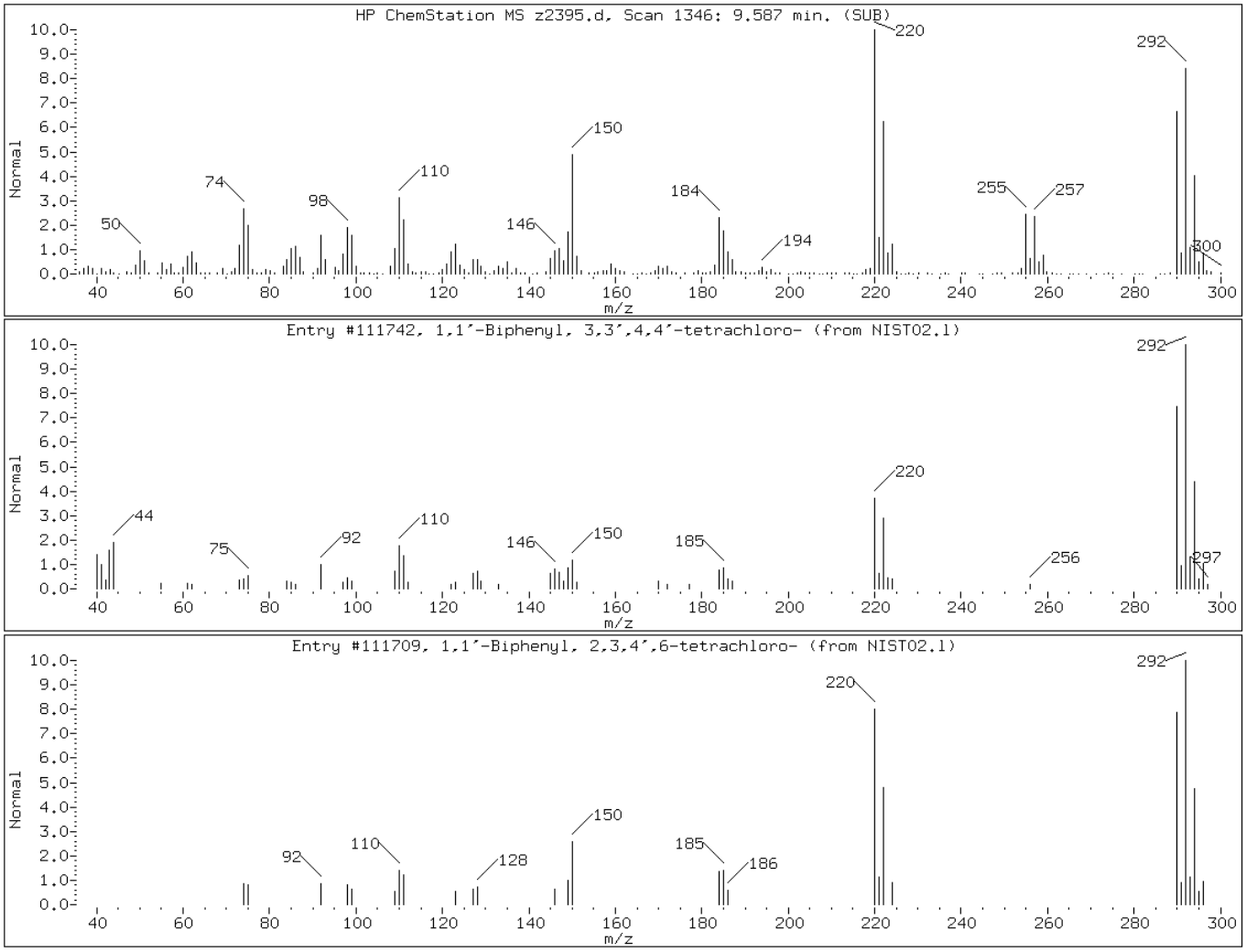
Date: 20-SEP-2013 16:38

Client ID: PMP-8SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-7-C Operator: BNAMS 4

Retention Time: 9.59

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, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	98	C12H6Cl4	290



Data File: z2395.d

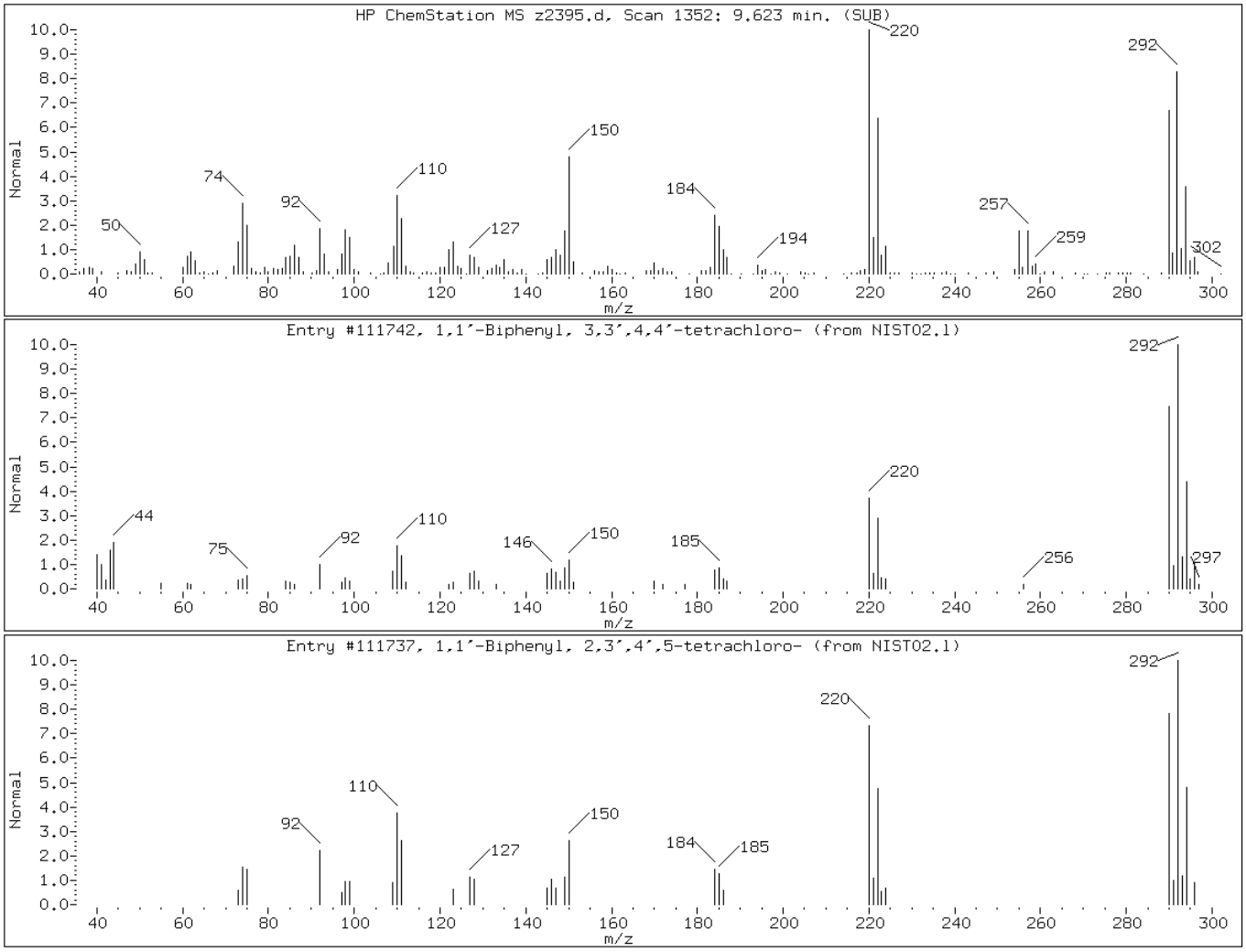
Date: 20-SEP-2013 16:38

Client ID: PMP-8SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-7-C Operator: BNAMS 4

Retention Time: 9.62

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, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	98	C12H6Cl4	290



Data File: z2395.d

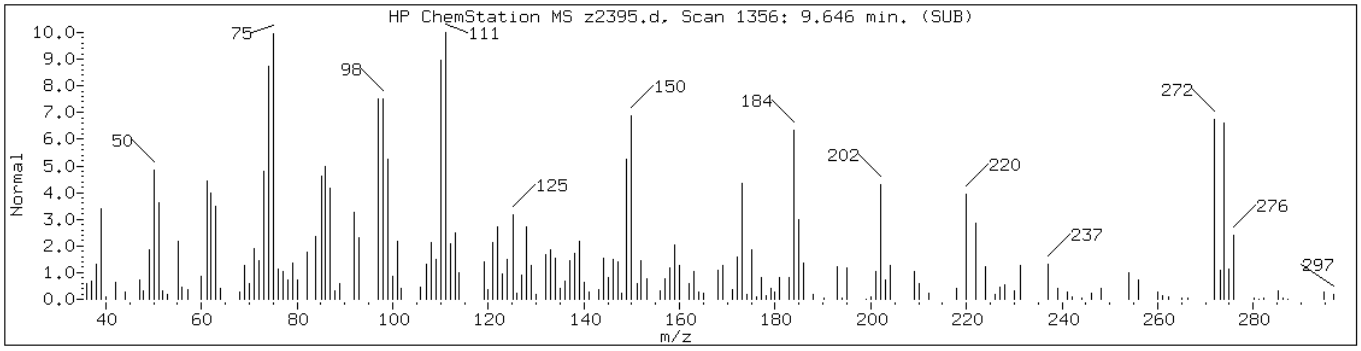
Date: 20-SEP-2013 16:38

Client ID: PMP-8SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-7-C Operator: BNAMS 4

Retention Time: 9.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown						



Data File: z2395.d

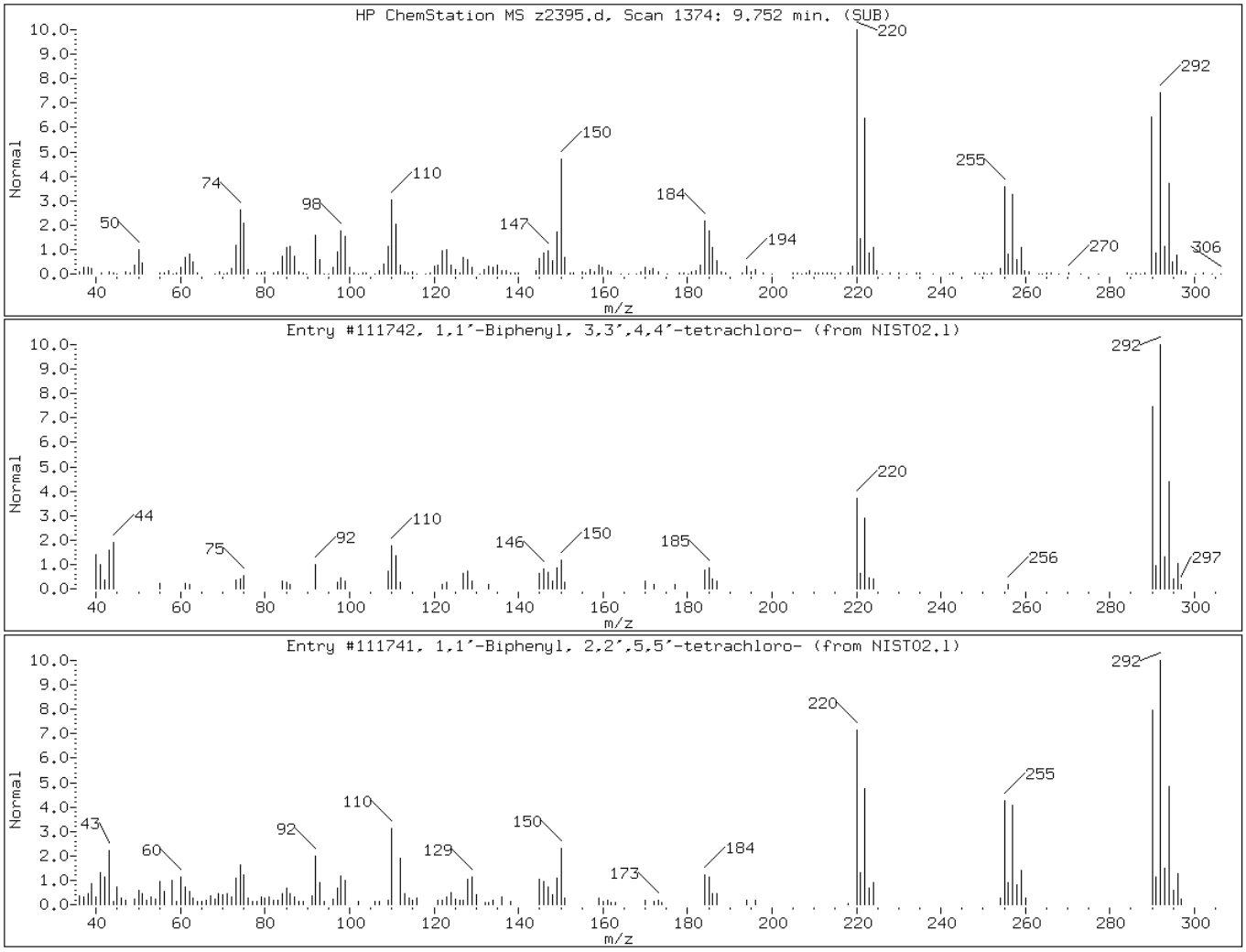
Date: 20-SEP-2013 16:38

Client ID: PMP-8SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-7-C Operator: BNAMS 4

Retention Time: 9.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111741	99	C12H6Cl4	290



Data File: z2395.d

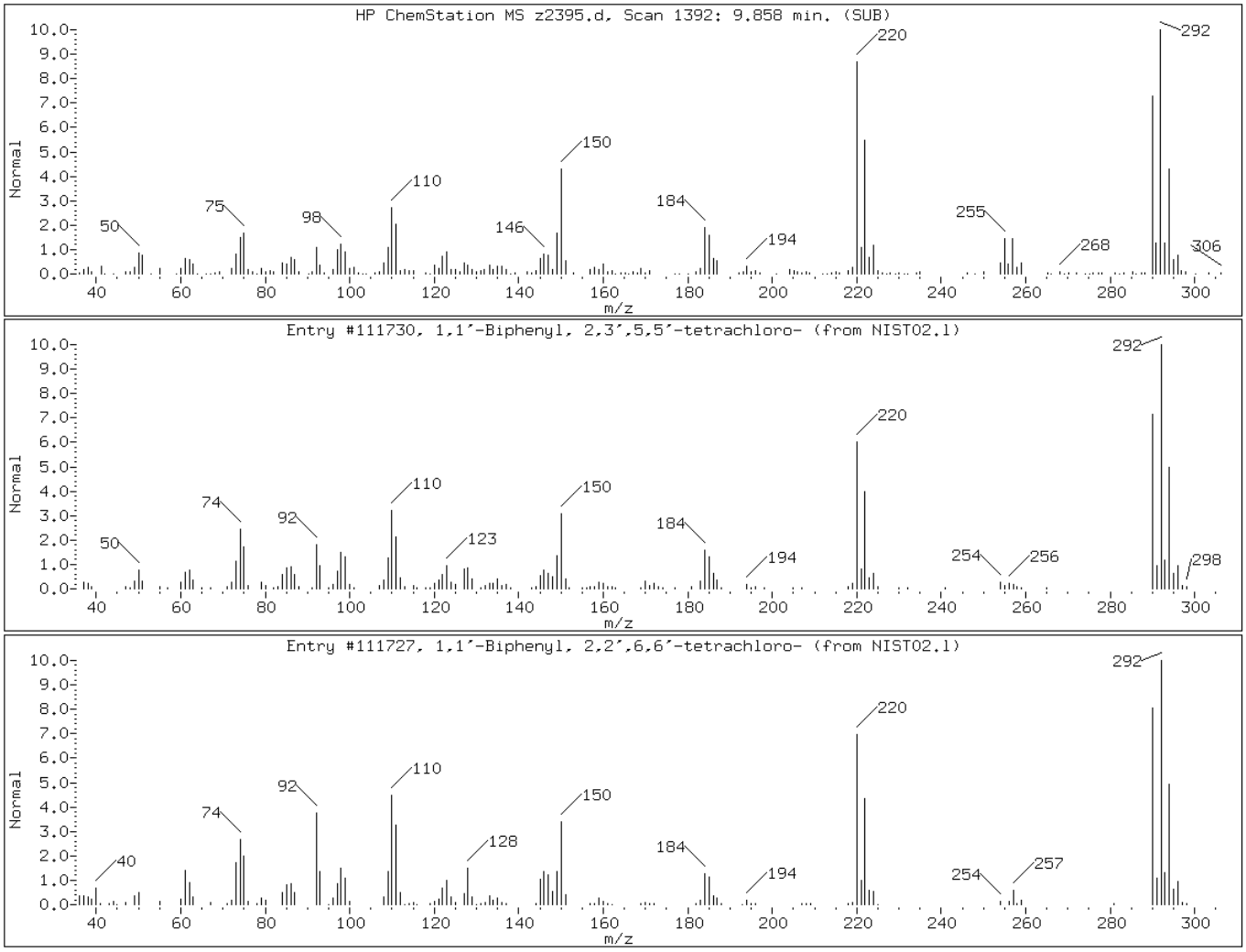
Date: 20-SEP-2013 16:38

Client ID: PMP-8SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-7-C Operator: BNAMS 4

Retention Time: 9.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	97	C12H6Cl4	290
1,1'-Biphenyl, 2,2',6,6'-tetrachlo	15968-05-5	NIST02.l	111727	97	C12H6Cl4	290



Data File: z2395.d

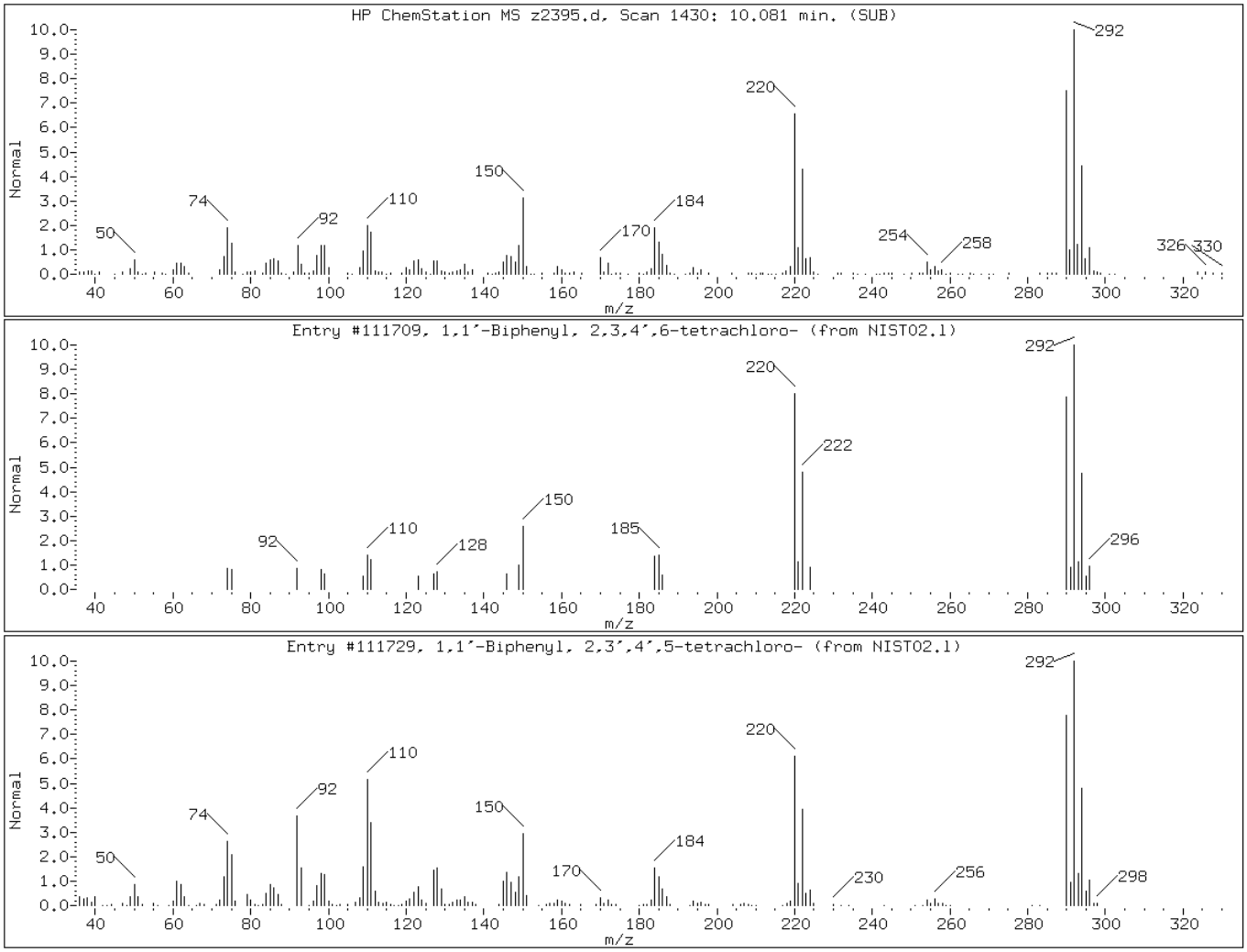
Date: 20-SEP-2013 16:38

Client ID: PMP-8SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-7-C Operator: BNAMS 4

Retention Time: 10.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-8						
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111729	99	C12H6Cl4	290



Data File: z2395.d

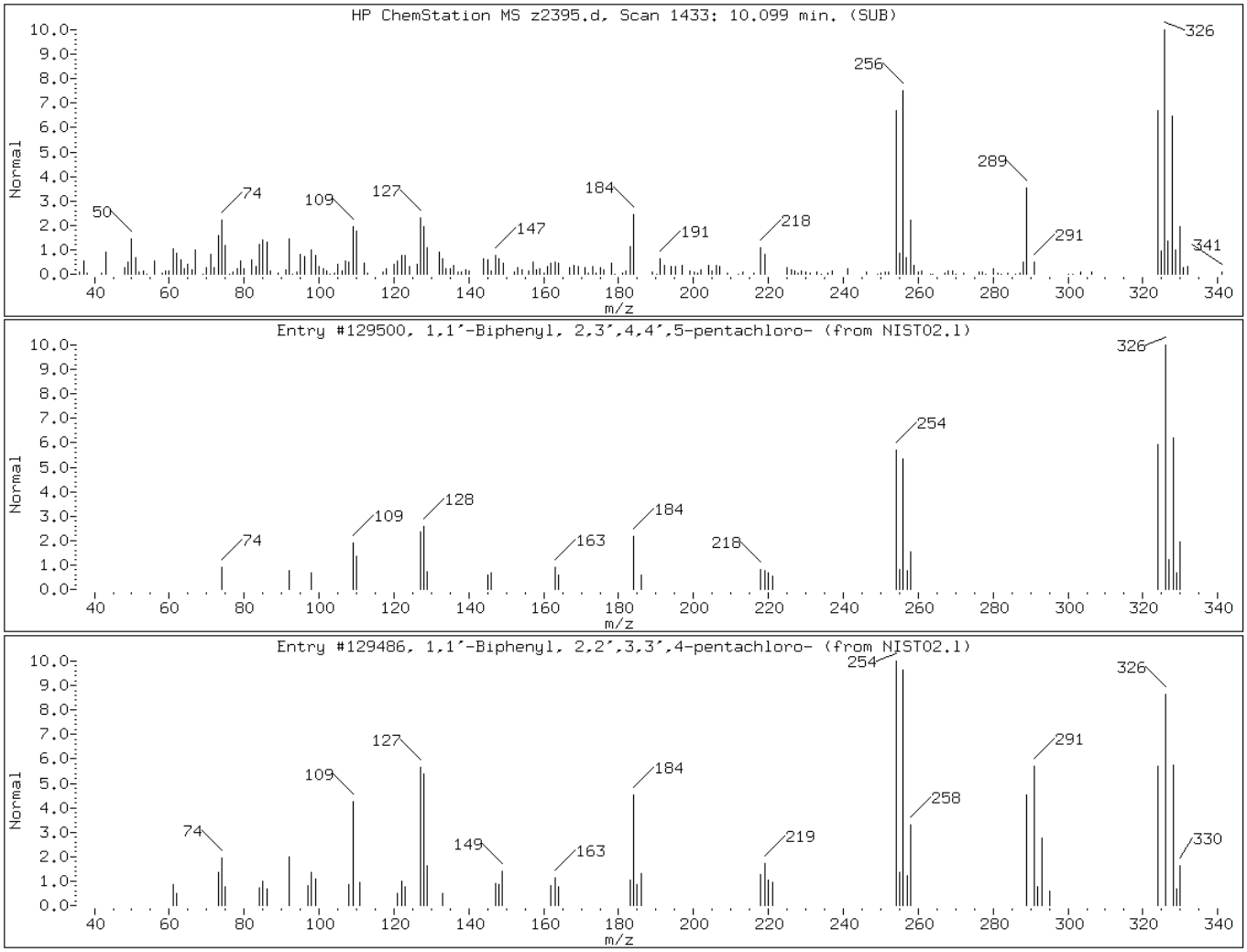
Date: 20-SEP-2013 16:38

Client ID: PMP-8SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-7-C Operator: BNAMS 4

Retention Time: 10.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentachloro-1,1'-biphenyl isomer-1						
1,1'-Biphenyl, 2,3',4,4',5-pentach	31508-00-6	NIST02.l	129500	99	C12H5Cl5	324
1,1'-Biphenyl, 2,2',3,3',4-pentach	52663-62-4	NIST02.l	129486	99	C12H5Cl5	324



Data File: z2395.d

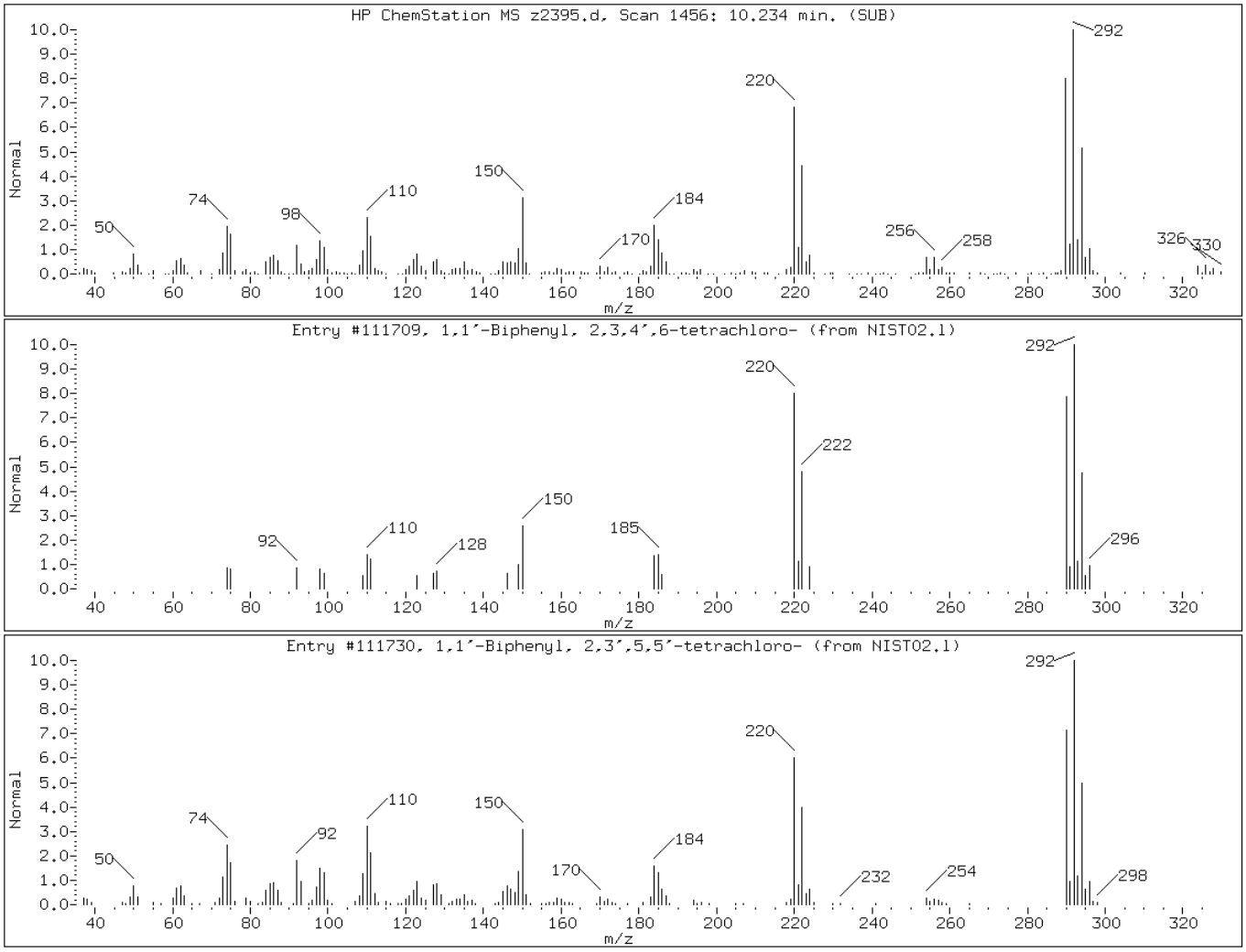
Date: 20-SEP-2013 16:38

Client ID: PMP-8SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-7-C Operator: BNAMS 4

Retention Time: 10.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-9						
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



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-VD | Lab Sample ID: 460-62993-8

Matrix: Solid | Lab File ID: z2376.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:55

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.03(g) | Date Analyzed: 09/20/2013 08:43

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.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	46	U	340	46
95-57-8	2-Chlorophenol	45	U	340	45
95-48-7	2-Methylphenol	58	U	340	58
106-44-5	4-Methylphenol	67	U	340	67
100-52-7	Benzaldehyde	40	U	340	40
98-86-2	Acetophenone	53	U	340	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	340	38
621-64-7	N-Nitrosodi-n-propylamine	5.7	U	34	5.7
98-95-3	Nitrobenzene	4.9	U	34	4.9
67-72-1	Hexachloroethane	3.8	U	34	3.8
78-59-1	Isophorone	42	U	340	42
88-75-5	2-Nitrophenol	38	U	340	38
105-67-9	2,4-Dimethylphenol	84	U	340	84
120-83-2	2,4-Dichlorophenol	50	U	340	50
111-91-1	Bis(2-chloroethoxy)methane	44	U	340	44
91-20-3	Naphthalene	40	U	340	40
106-47-8	4-Chloroaniline	91	U	340	91
87-68-3	Hexachlorobutadiene	8.4	U	69	8.4
105-60-2	Caprolactam	79	U	340	79
59-50-7	4-Chloro-3-methylphenol	52	U	340	52
91-57-6	2-Methylnaphthalene	44	U	340	44
118-74-1	Hexachlorobenzene	4.7	U	34	4.7
77-47-4	Hexachlorocyclopentadiene	40	U	340	40
88-06-2	2,4,6-Trichlorophenol	40	U	340	40
95-95-4	2,4,5-Trichlorophenol	44	U	340	44
92-52-4	Diphenyl	46	U	340	46
91-58-7	2-Chloronaphthalene	38	U	340	38
88-74-4	2-Nitroaniline	140	U	690	140
606-20-2	2,6-Dinitrotoluene	10	U	69	10
131-11-3	Dimethyl phthalate	41	U	340	41
208-96-8	Acenaphthylene	40	U	340	40
99-09-2	3-Nitroaniline	120	U	690	120
83-32-9	Acenaphthene	50	U	340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-VD | Lab Sample ID: 460-62993-8

Matrix: Solid | Lab File ID: z2376.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:55

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.03(g) | Date Analyzed: 09/20/2013 08:43

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.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	41	U	340	41
86-73-7	Fluorene	44	U	340	44
206-44-0	Fluoranthene	46	U	340	46
84-74-2	Di-n-butyl phthalate	42	U	340	42
121-14-2	2,4-Dinitrotoluene	11	U	69	11
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	110	U	690	110
534-52-1	4,6-Dinitro-2-methylphenol	93	U	1000	93
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
1912-24-9	Atrazine	53	U	340	53
120-12-7	Anthracene	42	U	340	42
86-74-8	Carbazole	40	U	340	40
85-01-8	Phenanthrene	44	U	340	44
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	29	U	340	29
218-01-9	Chrysene	40	U	340	40
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
191-24-2	Benzo[g,h,i]perylene	25	U	340	25
205-99-2	Benzo[b]fluoranthene	2.2	U	34	2.2
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	340	34
85-68-7	Butyl benzyl phthalate	31	U	340	31
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
117-84-0	Di-n-octyl phthalate	22	U	340	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	34	6.4
53-70-3	Dibenz(a,h)anthracene	4.3	U	34	4.3
91-94-1	3,3'-Dichlorobenzidine	120	U	690	120
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	340	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-VD Lab Sample ID: 460-62993-8

Matrix: Solid Lab File ID: z2376.d

Analysis Method: 8270C Date Collected: 09/13/2013 08:55

Extract. Method: 3541 Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.03(g) Date Analyzed: 09/20/2013 08:43

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.: 182384 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	72		38-105
4165-62-2	Phenol-d5	78		41-118
1718-51-0	Terphenyl-d14	84		16-151
118-79-6	2,4,6-Tribromophenol	78		10-120
367-12-4	2-Fluorophenol	74		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-VD | Lab Sample ID: 460-62993-8

Matrix: Solid | Lab File ID: z2376.d

Analysis Method: 8270C | Date Collected: 09/13/2013 08:55

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.03(g) | Date Analyzed: 09/20/2013 08:43

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.: 182384 | 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/8270/09-19-13/20sep13.b/z2376.d
Report Date: 20-Sep-2013 14:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2376.d
Lab Smp Id: 460-62993-E-8-C Client Smp ID: PMP-8SE-VD
Inj Date : 20-SEP-2013 08:43
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62993-E-8-C
Misc Info : 460-62993-E-8-C
Comment   :
Method   : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/8270C_11.m
Meth Date : 20-Sep-2013 12:31 czhao Quant Type: ISTD
Cal Date : 19-SEP-2013 03:37 Cal File: z2314.d
Als bottle: 9
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	15.03000	Weight of sample extracted (g)
M	3.59712	% 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	3.223	3.188	(0.722)	927961	74.1450	5100
$ 17 Phenol-d5 (SUR)	99	4.099	4.111	(0.918)	1216417	77.7624	5400
* 79 1,4-Dichlorobenzene-d4	152	4.464	4.470	(1.000)	352900	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.017	5.035	(0.873)	561082	36.1272	2500
* 80 Naphthalene-d8	136	5.746	5.758	(1.000)	1334054	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.835	6.840	(0.911)	905674	37.4769	2600(H)
* 82 Acenaphthene-d10	164	7.505	7.511	(1.000)	654133	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.287	8.287	(1.104)	181789	78.4325	5400
* 83 Phenanthrene-d10	188	8.976	8.976	(1.000)	789376	40.0000	
$ 78 Terphenyl-d14	244	10.558	10.558	(0.897)	424076	41.8663	2900
* 81 Chrysene-d12	240	11.775	11.781	(1.000)	309075	40.0000	
* 84 Perylene-d12	264	13.734	13.734	(1.000)	240129	40.0000	

Data File: /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2376.d
Report Date: 20-Sep-2013 14:38

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: z2376.d

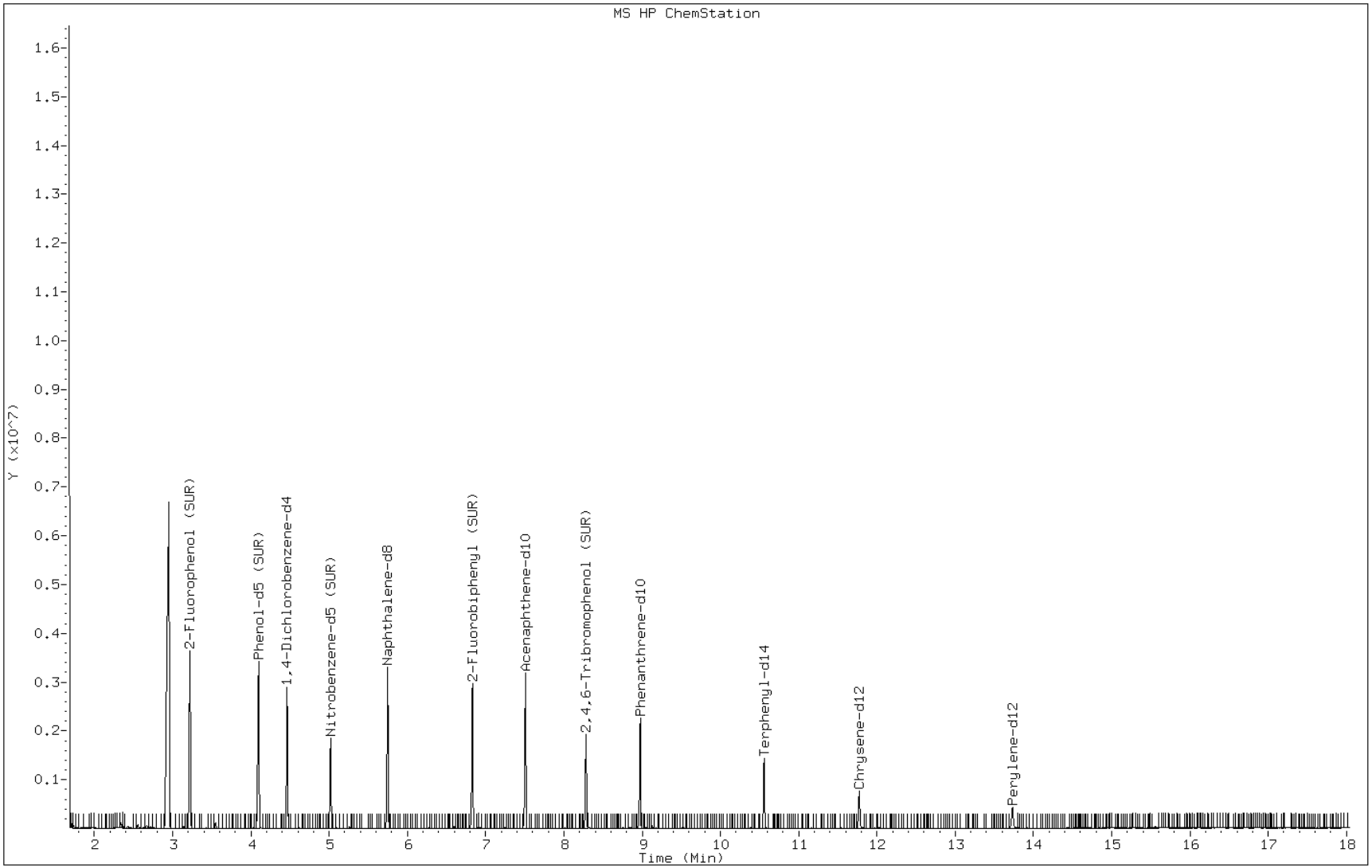
Date: 20-SEP-2013 08:43

Client ID: PMP-8SE-VD

Instrument: BNAMS11.i

Sample Info: 460-62993-E-8-C

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-WT | Lab Sample ID: 460-62993-9

Matrix: Solid | Lab File ID: z2377.d

Analysis Method: 8270C | Date Collected: 09/13/2013 09:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 09:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	49	U	360	49
95-57-8	2-Chlorophenol	48	U	360	48
95-48-7	2-Methylphenol	62	U	360	62
106-44-5	4-Methylphenol	72	U	360	72
100-52-7	Benzaldehyde	43	U	360	43
98-86-2	Acetophenone	56	U	360	56
111-44-4	Bis(2-chloroethyl)ether	5.0	U	36	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	40	U	360	40
621-64-7	N-Nitrosodi-n-propylamine	6.1	U	36	6.1
98-95-3	Nitrobenzene	5.2	U	36	5.2
67-72-1	Hexachloroethane	4.0	U	36	4.0
78-59-1	Isophorone	44	U	360	44
88-75-5	2-Nitrophenol	41	U	360	41
105-67-9	2,4-Dimethylphenol	90	U	360	90
120-83-2	2,4-Dichlorophenol	53	U	360	53
111-91-1	Bis(2-chloroethoxy)methane	47	U	360	47
91-20-3	Naphthalene	42	U	360	42
106-47-8	4-Chloroaniline	96	U	360	96
87-68-3	Hexachlorobutadiene	8.9	U	74	8.9
105-60-2	Caprolactam	84	U	360	84
59-50-7	4-Chloro-3-methylphenol	55	U	360	55
91-57-6	2-Methylnaphthalene	47	U	360	47
118-74-1	Hexachlorobenzene	5.0	U	36	5.0
77-47-4	Hexachlorocyclopentadiene	43	U	360	43
88-06-2	2,4,6-Trichlorophenol	43	U	360	43
95-95-4	2,4,5-Trichlorophenol	47	U	360	47
92-52-4	Diphenyl	49	U	360	49
91-58-7	2-Chloronaphthalene	41	U	360	41
88-74-4	2-Nitroaniline	150	U	740	150
606-20-2	2,6-Dinitrotoluene	11	U	74	11
131-11-3	Dimethyl phthalate	43	U	360	43
208-96-8	Acenaphthylene	43	U	360	43
99-09-2	3-Nitroaniline	130	U	740	130
83-32-9	Acenaphthene	53	U	360	53

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-WT | Lab Sample ID: 460-62993-9

Matrix: Solid | Lab File ID: z2377.d

Analysis Method: 8270C | Date Collected: 09/13/2013 09:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 09:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	43	U	360	43
84-66-2	Diethyl phthalate	43	U	360	43
86-73-7	Fluorene	46	U	360	46
206-44-0	Fluoranthene	48	U	360	48
84-74-2	Di-n-butyl phthalate	45	U	360	45
121-14-2	2,4-Dinitrotoluene	12	U	74	12
7005-72-3	4-Chlorophenyl phenyl ether	43	U	360	43
100-01-6	4-Nitroaniline	110	U	740	110
534-52-1	4,6-Dinitro-2-methylphenol	99	U	1100	99
101-55-3	4-Bromophenyl phenyl ether	36	U	360	36
1912-24-9	Atrazine	56	U	360	56
120-12-7	Anthracene	44	U	360	44
86-74-8	Carbazole	43	U	360	43
85-01-8	Phenanthrene	46	U	360	46
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	30	U	360	30
218-01-9	Chrysene	42	U	360	42
207-08-9	Benzo[k]fluoranthene	2.8	U	36	2.8
191-24-2	Benzo[g,h,i]perylene	27	U	360	27
205-99-2	Benzo[b]fluoranthene	2.3	U	36	2.3
50-32-8	Benzo[a]pyrene	2.6	U	36	2.6
56-55-3	Benzo[a]anthracene	2.5	U	36	2.5
86-30-6	N-Nitrosodiphenylamine	36	U	360	36
85-68-7	Butyl benzyl phthalate	33	U	360	33
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	360	120
117-84-0	Di-n-octyl phthalate	23	U	360	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.8	U	36	6.8
53-70-3	Dibenz(a,h)anthracene	4.6	U	36	4.6
91-94-1	3,3'-Dichlorobenzidine	130	U	740	130
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U	360	49
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	360	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-WT Lab Sample ID: 460-62993-9

Matrix: Solid Lab File ID: z2377.d

Analysis Method: 8270C Date Collected: 09/13/2013 09:00

Extract. Method: 3541 Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.01(g) Date Analyzed: 09/20/2013 09:07

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 9.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	72		38-105
4165-62-2	Phenol-d5	79		41-118
1718-51-0	Terphenyl-d14	86		16-151
118-79-6	2,4,6-Tribromophenol	84		10-120
367-12-4	2-Fluorophenol	75		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-WT Lab Sample ID: 460-62993-9

Matrix: Solid Lab File ID: z2377.d

Analysis Method: 8270C Date Collected: 09/13/2013 09:00

Extract. Method: 3541 Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.01(g) Date Analyzed: 09/20/2013 09:07

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 9.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 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/8270/09-19-13/20sep13.b/z2377.d
Report Date: 20-Sep-2013 14:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2377.d
Lab Smp Id: 460-62993-D-9-C Client Smp ID: PMP-8SE-WT
Inj Date : 20-SEP-2013 09:07
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62993-D-9-C
Misc Info : 460-62993-D-9-C
Comment   :
Method   : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/8270C_11.m
Meth Date : 20-Sep-2013 12:31 czhao Quant Type: ISTD
Cal Date : 19-SEP-2013 03:37 Cal File: z2314.d
Als bottle: 10
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	15.01000	Weight of sample extracted (g)
M	9.07407	% 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	3.223	3.188	(0.722)	890570	75.1593	5500
$ 17 Phenol-d5 (SUR)	99	4.099	4.111	(0.918)	1174475	79.3037	5800
* 79 1,4-Dichlorobenzene-d4	152	4.464	4.470	(1.000)	334110	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.017	5.035	(0.873)	533902	36.2434	2600
* 80 Naphthalene-d8	136	5.746	5.758	(1.000)	1265360	40.0000	
34 2-Methylnaphthalene	142	6.464	6.470	(1.125)	3068	0.14662	11(aH)
120 1-Methylnaphthalene	142	6.558	6.570	(1.141)	2362	0.10811	7.9(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.829	6.840	(0.910)	862452	37.5849	2800
125 1,3-Dimethylnaphthalene	156	7.164	7.176	(0.955)	7692	0.45468	33(a)
* 82 Acenaphthene-d10	164	7.505	7.511	(1.000)	621126	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.287	8.287	(1.104)	185488	84.2811	6200
* 83 Phenanthrene-d10	188	8.970	8.976	(1.000)	769055	40.0000	
$ 78 Terphenyl-d14	244	10.558	10.558	(0.897)	447181	43.1292	3200

Data File: /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2377.d
Report Date: 20-Sep-2013 14:40

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 81 Chrysene-d12	240	11.775	11.781	(1.000)	316371	40.0000	
* 84 Perylene-d12	264	13.734	13.734	(1.000)	235335	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: z2377.d

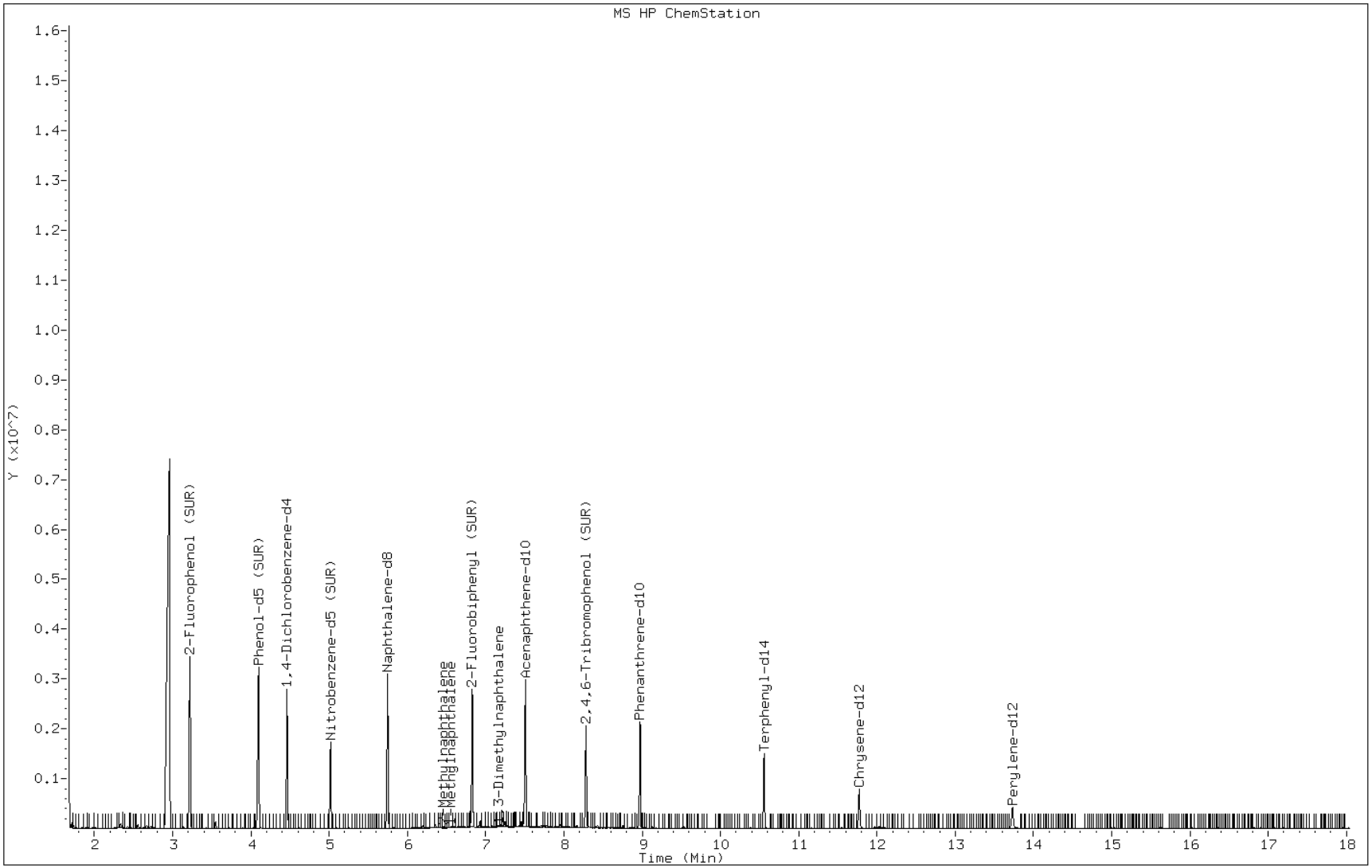
Date: 20-SEP-2013 09:07

Client ID: PMP-8SE-WT

Instrument: BNAMS11.i

Sample Info: 460-62993-D-9-C

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VS | Lab Sample ID: 460-62993-10

Matrix: Solid | Lab File ID: z2393.d

Analysis Method: 8270C | Date Collected: 09/13/2013 09:20

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.02(g) | Date Analyzed: 09/20/2013 15:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	240	U	1800	240
95-57-8	2-Chlorophenol	230	U	1800	230
95-48-7	2-Methylphenol	300	U	1800	300
106-44-5	4-Methylphenol	350	U	1800	350
100-52-7	Benzaldehyde	210	U	1800	210
98-86-2	Acetophenone	270	U	1800	270
111-44-4	Bis(2-chloroethyl)ether	24	U	180	24
108-60-1	2,2'-oxybis[1-chloropropane]	190	U	1800	190
621-64-7	N-Nitrosodi-n-propylamine	29	U	180	29
98-95-3	Nitrobenzene	25	U	180	25
67-72-1	Hexachloroethane	20	U	180	20
78-59-1	Isophorone	210	U	1800	210
88-75-5	2-Nitrophenol	200	U	1800	200
105-67-9	2,4-Dimethylphenol	430	U	1800	430
120-83-2	2,4-Dichlorophenol	260	U	1800	260
111-91-1	Bis(2-chloroethoxy)methane	230	U	1800	230
91-20-3	Naphthalene	200	U	1800	200
106-47-8	4-Chloroaniline	460	U	1800	460
87-68-3	Hexachlorobutadiene	43	U	360	43
105-60-2	Caprolactam	400	U	1800	400
59-50-7	4-Chloro-3-methylphenol	260	U	1800	260
91-57-6	2-Methylnaphthalene	230	U	1800	230
118-74-1	Hexachlorobenzene	24	U	180	24
77-47-4	Hexachlorocyclopentadiene	210	U	1800	210
88-06-2	2,4,6-Trichlorophenol	210	U	1800	210
95-95-4	2,4,5-Trichlorophenol	230	U	1800	230
92-52-4	Diphenyl	240	U	1800	240
91-58-7	2-Chloronaphthalene	200	U	1800	200
88-74-4	2-Nitroaniline	730	U	3600	730
606-20-2	2,6-Dinitrotoluene	53	U	360	53
131-11-3	Dimethyl phthalate	210	U	1800	210
208-96-8	Acenaphthylene	210	U	1800	210
99-09-2	3-Nitroaniline	620	U	3600	620
83-32-9	Acenaphthene	260	U	1800	260

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VS | Lab Sample ID: 460-62993-10

Matrix: Solid | Lab File ID: z2393.d

Analysis Method: 8270C | Date Collected: 09/13/2013 09:20

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.02(g) | Date Analyzed: 09/20/2013 15:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	5300	1100
51-28-5	2,4-Dinitrophenol	1000	U	5300	1000
132-64-9	Dibenzofuran	210	U	1800	210
84-66-2	Diethyl phthalate	210	U	1800	210
86-73-7	Fluorene	220	U	1800	220
206-44-0	Fluoranthene	230	U	1800	230
84-74-2	Di-n-butyl phthalate	220	U	1800	220
121-14-2	2,4-Dinitrotoluene	58	U	360	58
7005-72-3	4-Chlorophenyl phenyl ether	210	U	1800	210
100-01-6	4-Nitroaniline	550	U	3600	550
534-52-1	4,6-Dinitro-2-methylphenol	480	U	5300	480
101-55-3	4-Bromophenyl phenyl ether	170	U	1800	170
1912-24-9	Atrazine	270	U	1800	270
120-12-7	Anthracene	210	U	1800	210
86-74-8	Carbazole	210	U	1800	210
85-01-8	Phenanthrene	220	U	1800	220
87-86-5	Pentachlorophenol	520	U	5300	520
129-00-0	Pyrene	150	U	1800	150
218-01-9	Chrysene	200	U	1800	200
207-08-9	Benzo[k]fluoranthene	13	U	180	13
191-24-2	Benzo[g,h,i]perylene	130	U	1800	130
205-99-2	Benzo[b]fluoranthene	11	U	180	11
50-32-8	Benzo[a]pyrene	12	U	180	12
56-55-3	Benzo[a]anthracene	12	U	180	12
86-30-6	N-Nitrosodiphenylamine	170	U	1800	170
85-68-7	Butyl benzyl phthalate	160	U	1800	160
117-81-7	Bis(2-ethylhexyl) phthalate	1300	J	1800	580
117-84-0	Di-n-octyl phthalate	110	U	1800	110
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	180	33
53-70-3	Dibenz(a,h)anthracene	22	U	180	22
91-94-1	3,3'-Dichlorobenzidine	620	U	3600	620
95-94-3	1,2,4,5-Tetrachlorobenzene	240	U	1800	240
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	1800	230

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VS Lab Sample ID: 460-62993-10

Matrix: Solid Lab File ID: z2393.d

Analysis Method: 8270C Date Collected: 09/13/2013 09:20

Extract. Method: 3541 Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.02(g) Date Analyzed: 09/20/2013 15:49

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	63		38-105
4165-62-2	Phenol-d5	68		41-118
1718-51-0	Terphenyl-d14	68		16-151
118-79-6	2,4,6-Tribromophenol	56		10-120
367-12-4	2-Fluorophenol	67		37-125
321-60-8	2-Fluorobiphenyl	78		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VS | Lab Sample ID: 460-62993-10

Matrix: Solid | Lab File ID: z2393.d

Analysis Method: 8270C | Date Collected: 09/13/2013 09:20

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.02(g) | Date Analyzed: 09/20/2013 15:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 320000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Dichloro-1,1-biphenyl isomer-1	8.16	15000	J
	Trichloro-1,1-biphenyl isomer-2	8.92	51000	J
	Unknown-1	8.94	17000	J
	Trichloro-1,1-biphenyl isomer-4	9.08	29000	J
	Trichloro-1,1-biphenyl isomer-6	9.33	61000	J
	Trichloro-1,1-biphenyl isomer-7	9.40	14000	J
	Trichloro-1,1-biphenyl isomer-1	9.46	13000	J
	Tetrachloro-1,1-biphenyl isomer-3	9.60	19000	J
	Tetrachloro-1,1-biphenyl isomer-4	9.63	15000	J
	Tetrachloro-1,1-biphenyl isomer-5	9.66	11000	J
	Tetrachloro-1,1-biphenyl isomer-6	9.76	18000	J
	Tetrachloro-1,1-biphenyl isomer-8	9.86	13000	J
	Tetrachloro-1,1-biphenyl isomer-11	10.09	15000	J
	Tetrachloro-1,1-biphenyl isomer-12	10.11	17000	J
	Tetrachloro-1,1-biphenyl isomer-13	10.24	12000	J

Data File: /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2393.d
Report Date: 20-Sep-2013 16:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2393.d
Lab Smp Id: 460-62993-E-10-C Client Smp ID: PMP-4SE-VS
Inj Date : 20-SEP-2013 15:49
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62993-E-10-C
Misc Info : 460-62993-E-10-C
Comment   :
Method   : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/8270C_11.m
Meth Date : 20-Sep-2013 12:31 czhao Quant Type: ISTD
Cal Date : 19-SEP-2013 03:37 Cal File: z2314.d
Als bottle: 26
Dil Factor: 5.00000
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	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	5.89354	% 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	3.193	3.188	(0.715)	149361	13.3262	4700
$ 17 Phenol-d5 (SUR)	99	4.082	4.111	(0.914)	190200	13.5774	4800
* 79 1,4-Dichlorobenzene-d4	152	4.464	4.470	(1.000)	316035	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.017	5.035	(0.873)	82243	6.33202	2200
30 1,2,4-Trichlorobenzene	180	5.687	5.699	(0.990)	1504	0.17304	61(aH)
* 80 Naphthalene-d8	136	5.746	5.758	(1.000)	1115685	40.0000	
129 1,2,4,5-Tetrachlorobenzene	216	6.634	6.646	(0.884)	2502	0.34315	120(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.829	6.840	(0.910)	128316	7.75085	2700
125 1,3-Dimethylnaphthalene	156	7.164	7.176	(0.955)	2023	0.16578	59(a)
* 82 Acenaphthene-d10	164	7.505	7.511	(1.000)	448117	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.281	8.287	(1.103)	17657	11.1209	3900
115 n-Octadecane	57	8.864	8.864	(0.988)	5042	0.52905	190(aH)
* 83 Phenanthrene-d10	188	8.975	8.976	(1.000)	468539	40.0000	

Data File: /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2393.d
Report Date: 20-Sep-2013 16:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	57 Pyrene	202	10.399	10.399	(0.883)	3005	0.27630	98(a)
$	78 Terphenyl-d14	244	10.552	10.558	(0.896)	46357	6.79808	2400
*	81 Chrysene-d12	240	11.775	11.781	(1.000)	208072	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.793	11.799	(1.001)	19939	3.54320	1200(a)
*	84 Perylene-d12	264	13.734	13.734	(1.000)	197794	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: z2393.d

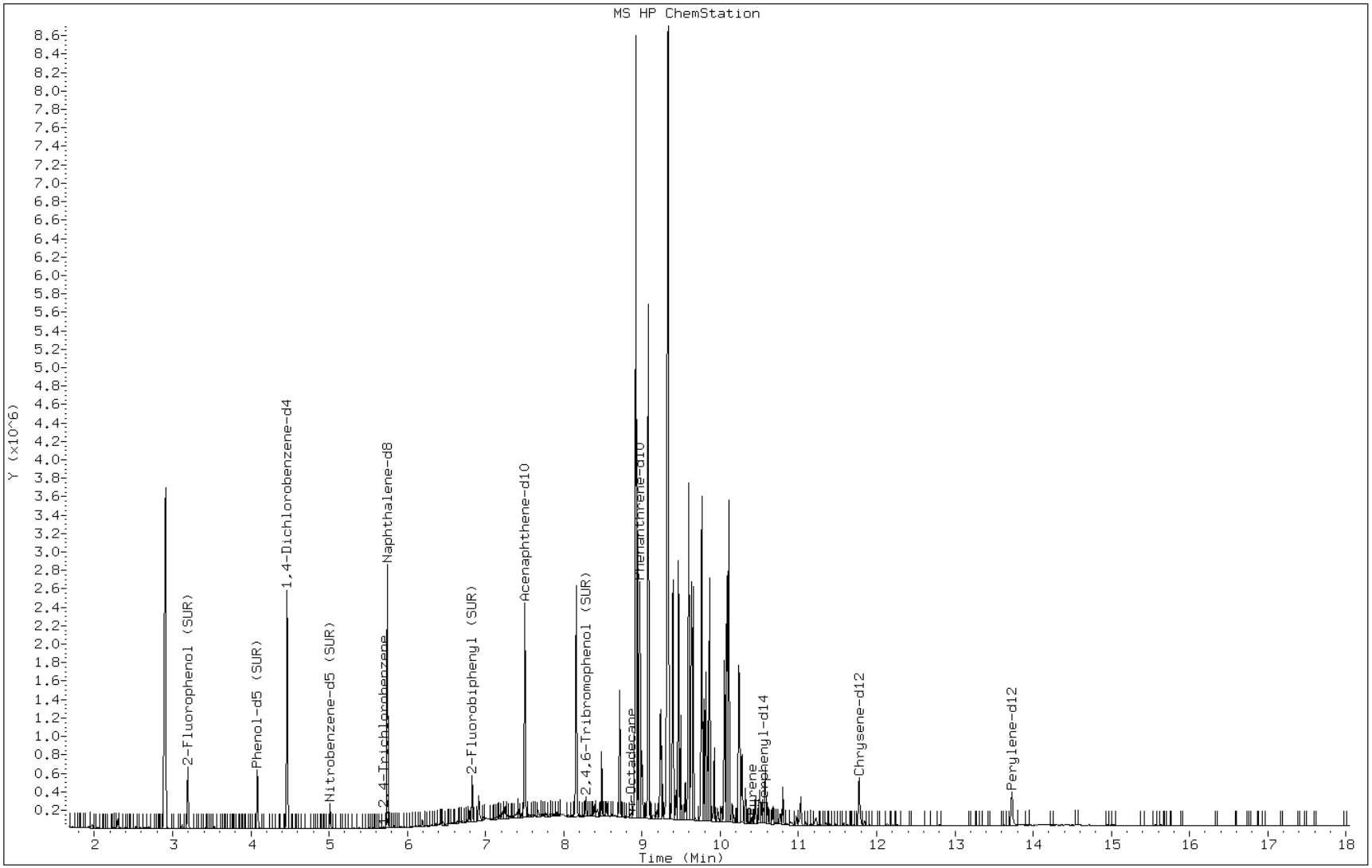
Date: 20-SEP-2013 15:49

Client ID: PMP-4SE-VS

Instrument: BNAMS11.i

Sample Info: 460-62993-E-10-C

Operator: BNAMS 4



Data File: z2393.d

Date: 20-SEP-2013 15:49

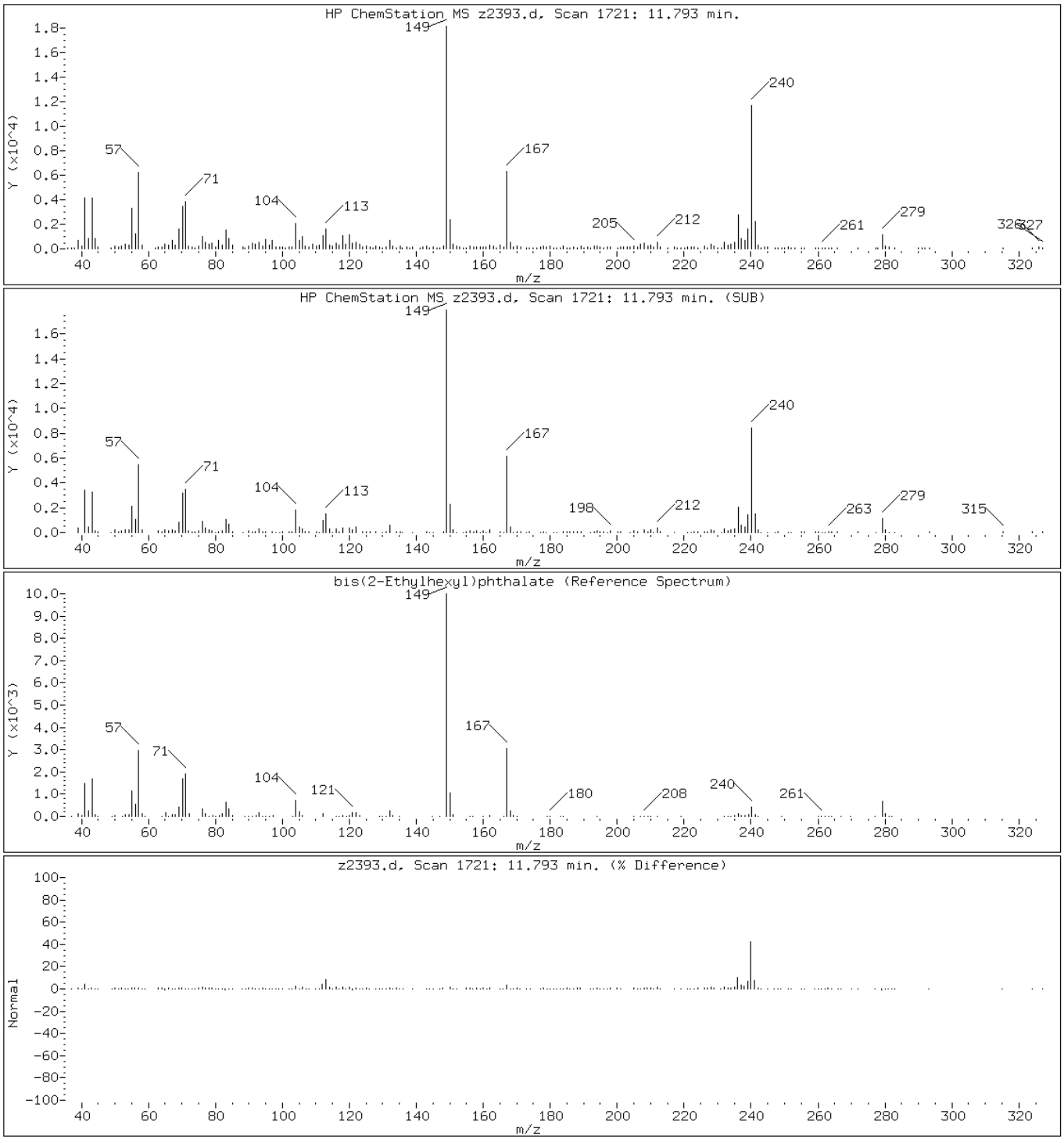
Client ID: PMP-4SE-VS

Instrument: BNAMS11.i

Sample Info: 460-62993-E-10-C

Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



Data File: z2393.d

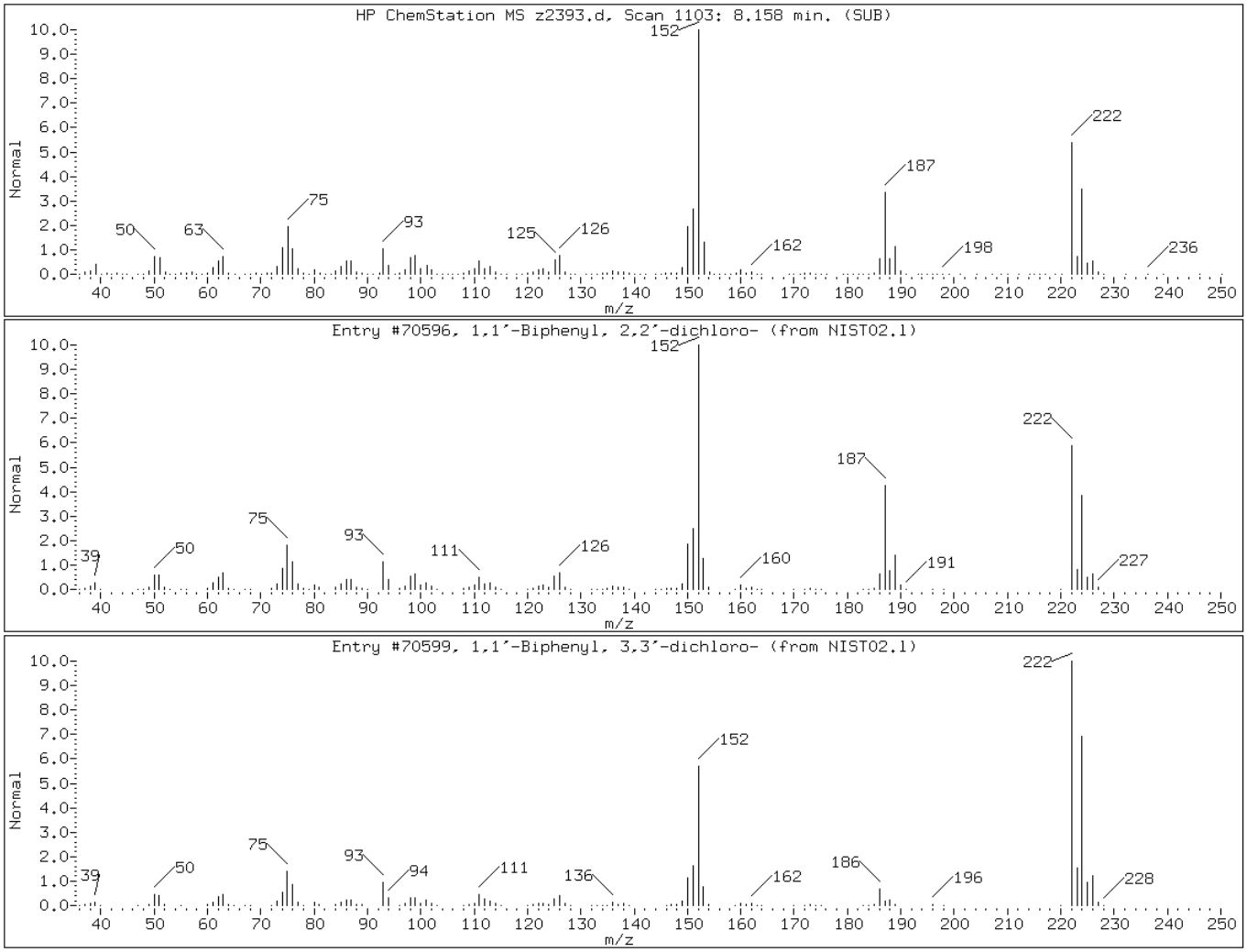
Date: 20-SEP-2013 15:49

Client ID: PMP-4SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-10-C Operator: BNAMS 4

Retention Time: 8.16

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, 3,3'-dichloro-	2050-67-1	NIST02.l	70599	97	C12H8Cl2	222



Data File: z2393.d

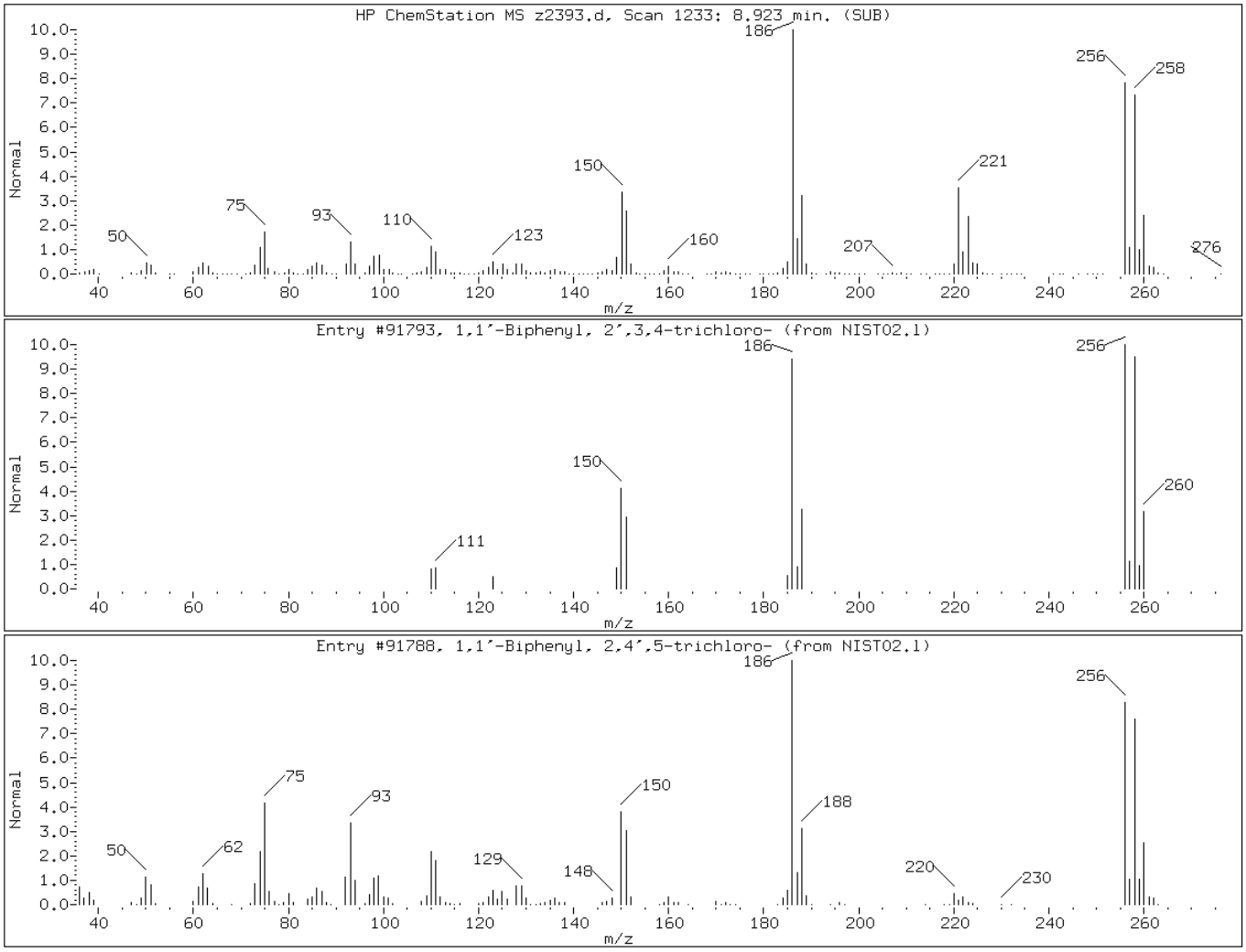
Date: 20-SEP-2013 15:49

Client ID: PMP-4SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-10-C Operator: BNAMS 4

Retention Time: 8.92

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	91788	98	C12H7Cl3	256



Data File: z2393.d

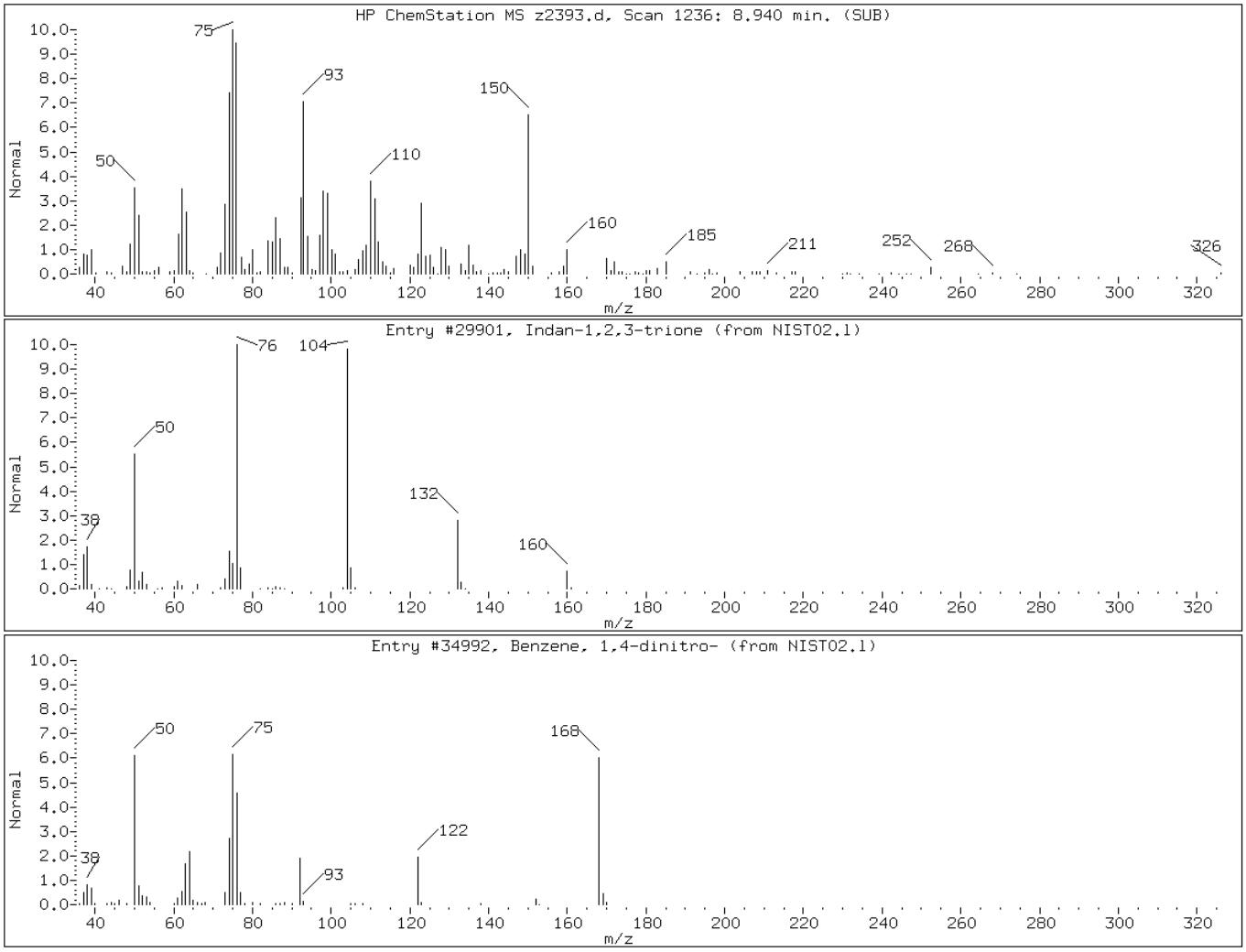
Date: 20-SEP-2013 15:49

Client ID: PMP-4SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-10-C Operator: BNAMS 4

Retention Time: 8.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Indan-1,2,3-trione	938-24-9	NIST02.l	29901	35	C9H4O3	160
Benzene, 1,4-dinitro-	100-25-4	NIST02.l	34992	25	C6H4N2O4	168



Data File: z2393.d

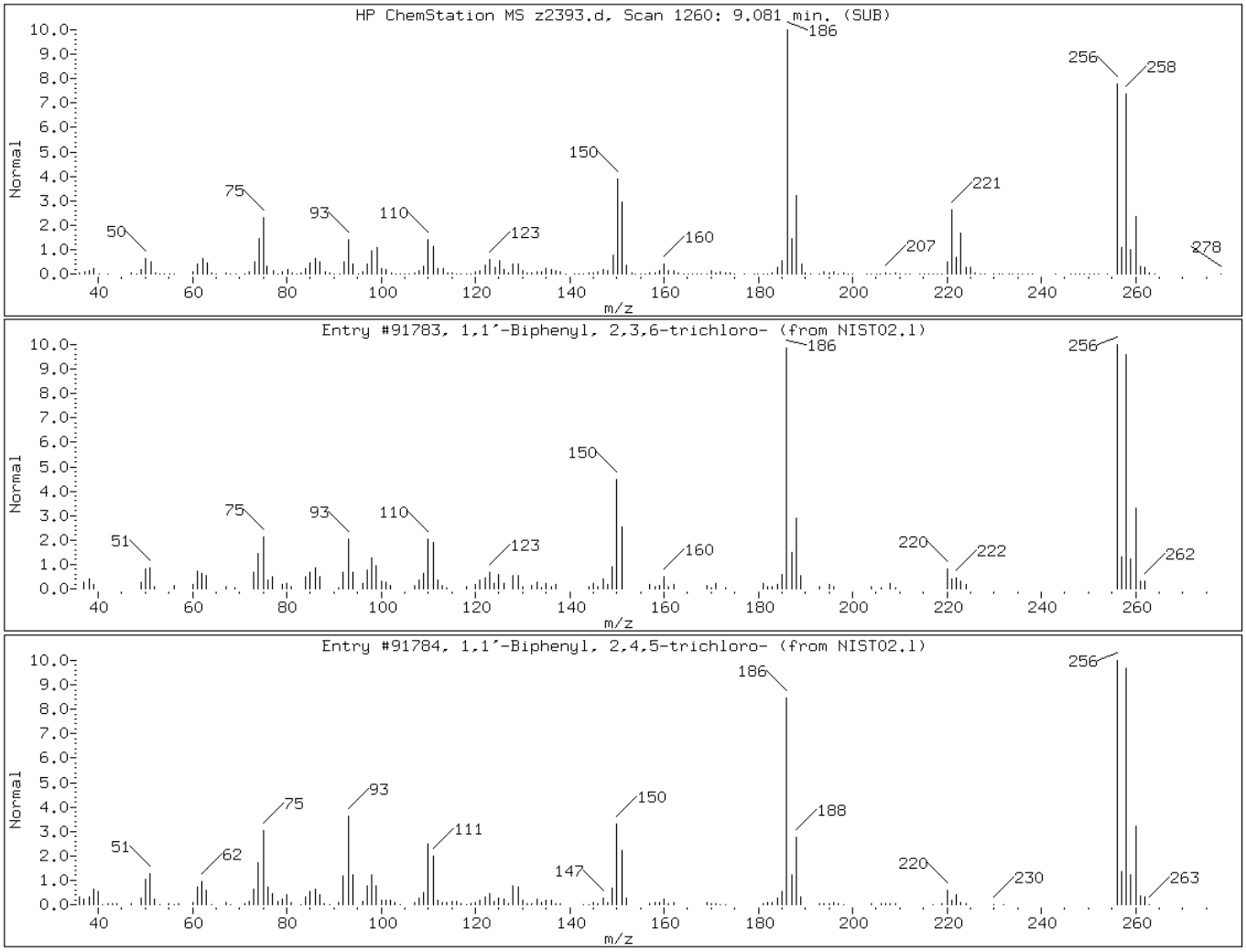
Date: 20-SEP-2013 15:49

Client ID: PMP-4SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-10-C Operator: BNAMS 4

Retention Time: 9.08

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.l	91784	98	C12H7Cl3	256



Data File: z2393.d

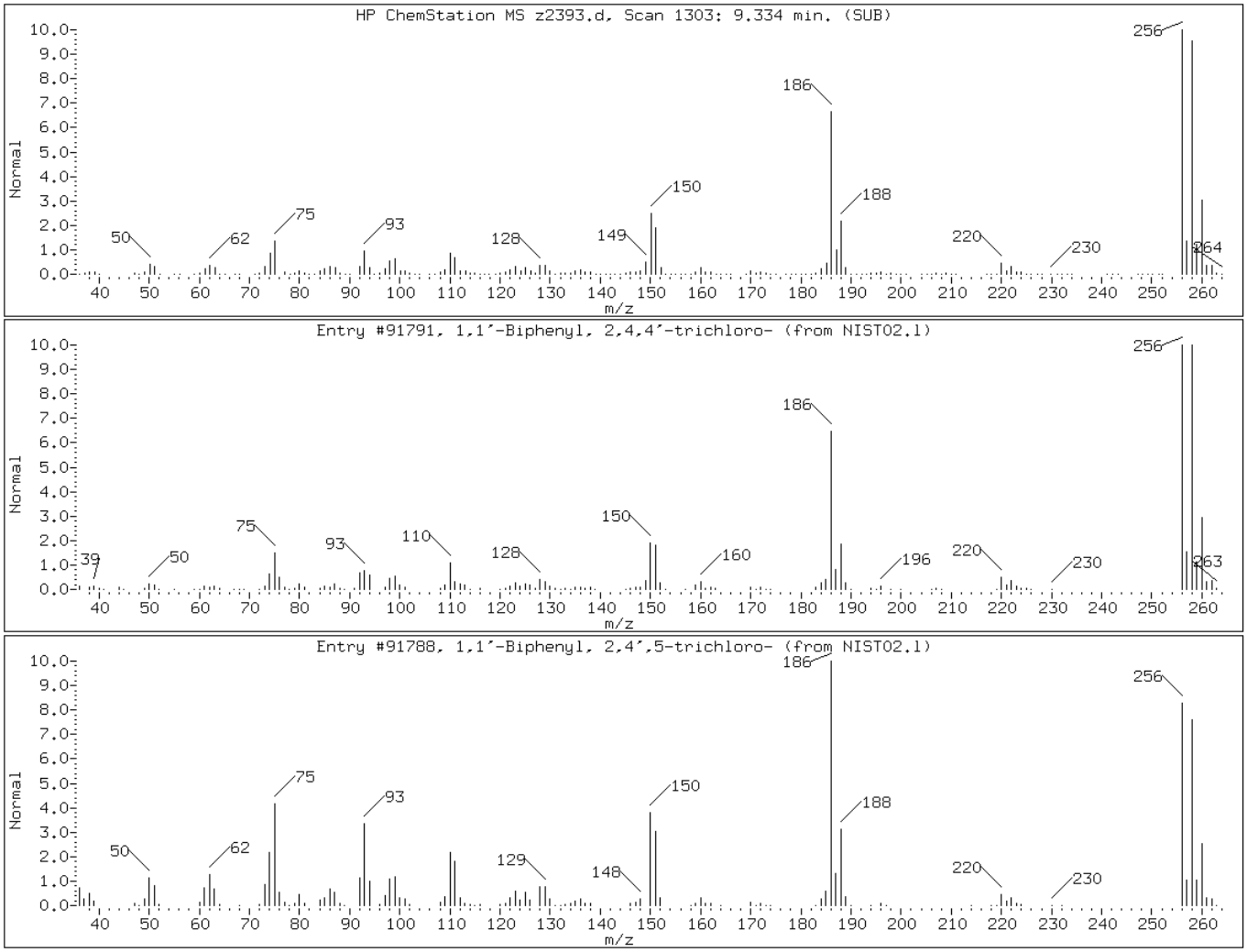
Date: 20-SEP-2013 15:49

Client ID: PMP-4SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-10-C Operator: BNAMS 4

Retention Time: 9.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256



Data File: z2393.d

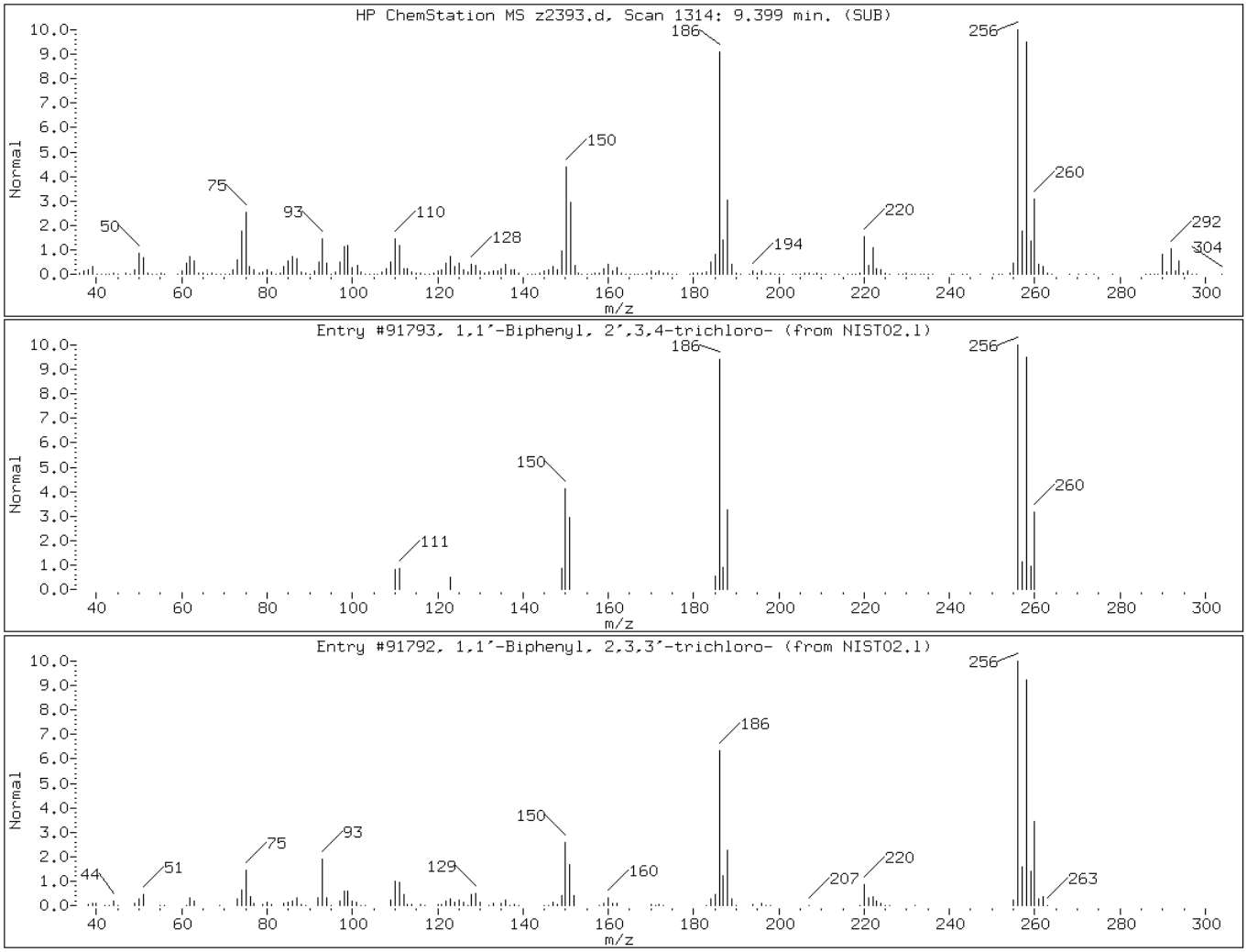
Date: 20-SEP-2013 15:49

Client ID: PMP-4SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-10-C Operator: BNAMS 4

Retention Time: 9.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-7						
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: z2393.d

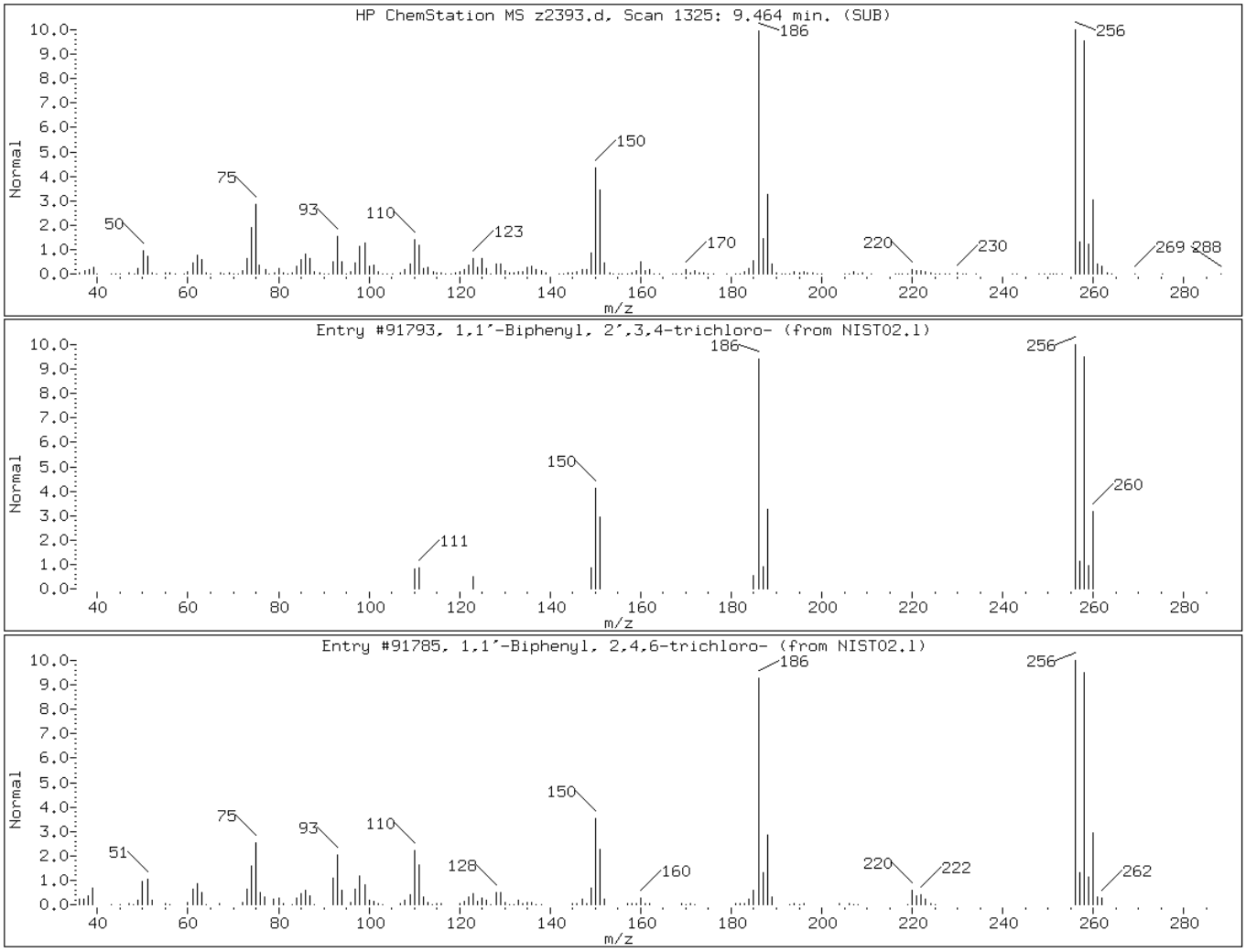
Date: 20-SEP-2013 15:49

Client ID: PMP-4SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-10-C Operator: BNAMS 4

Retention Time: 9.46

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	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.l	91785	95	C12H7Cl3	256



Data File: z2393.d

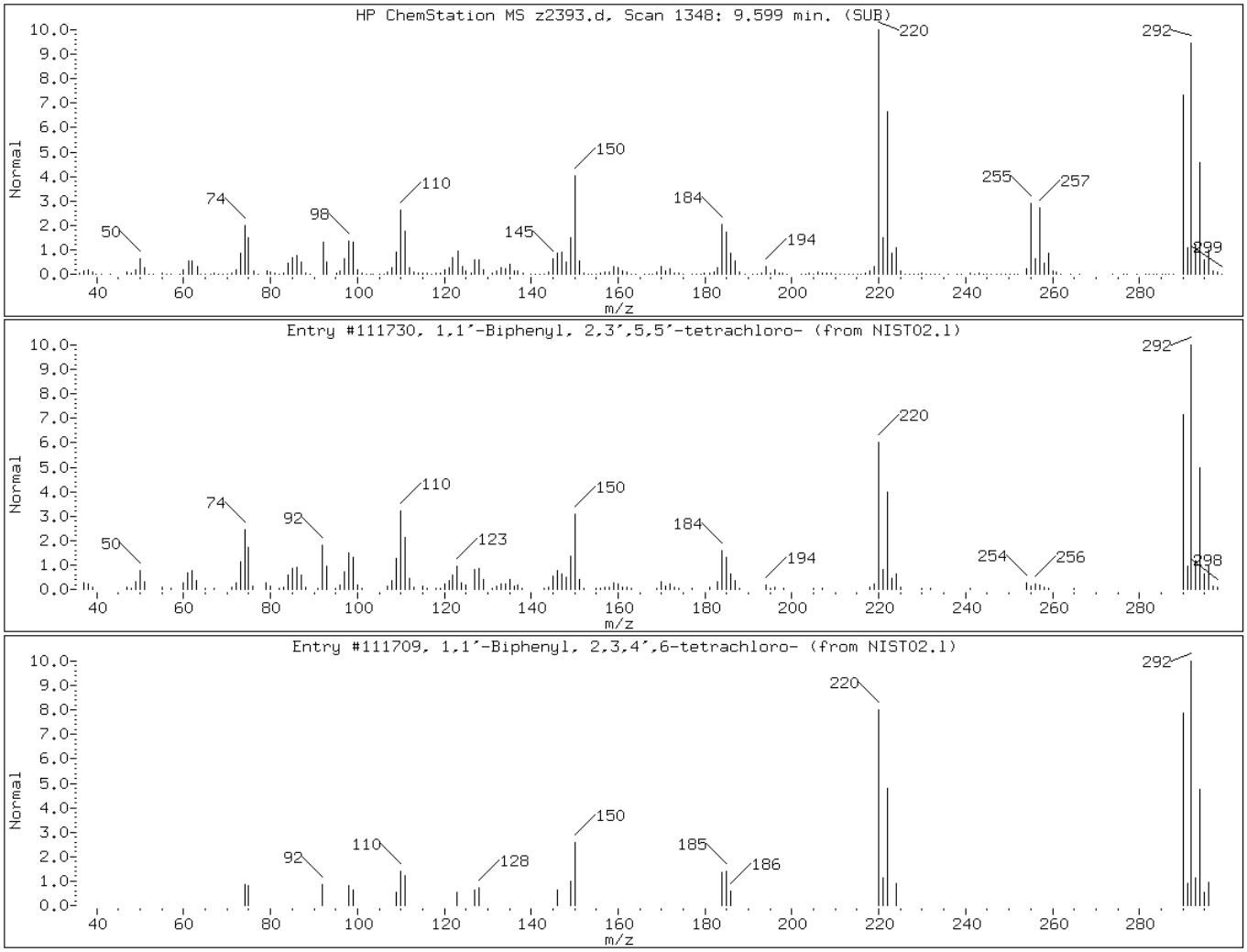
Date: 20-SEP-2013 15:49

Client ID: PMP-4SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-10-C Operator: BNAMS 4

Retention Time: 9.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	98	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	98	C12H6Cl4	290



Data File: z2393.d

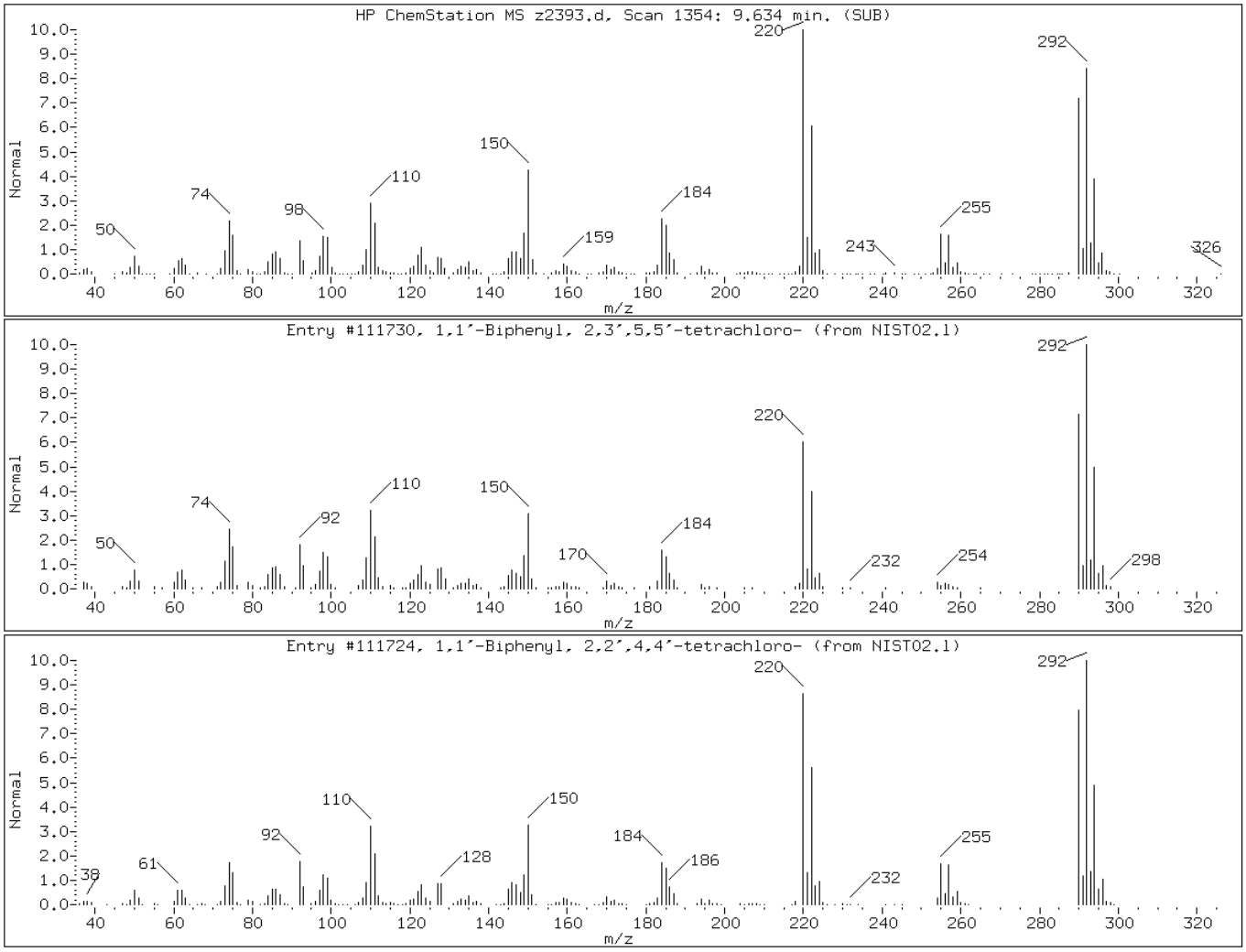
Date: 20-SEP-2013 15:49

Client ID: PMP-4SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-10-C Operator: BNAMS 4

Retention Time: 9.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	99	C12H6Cl4	290



Data File: z2393.d

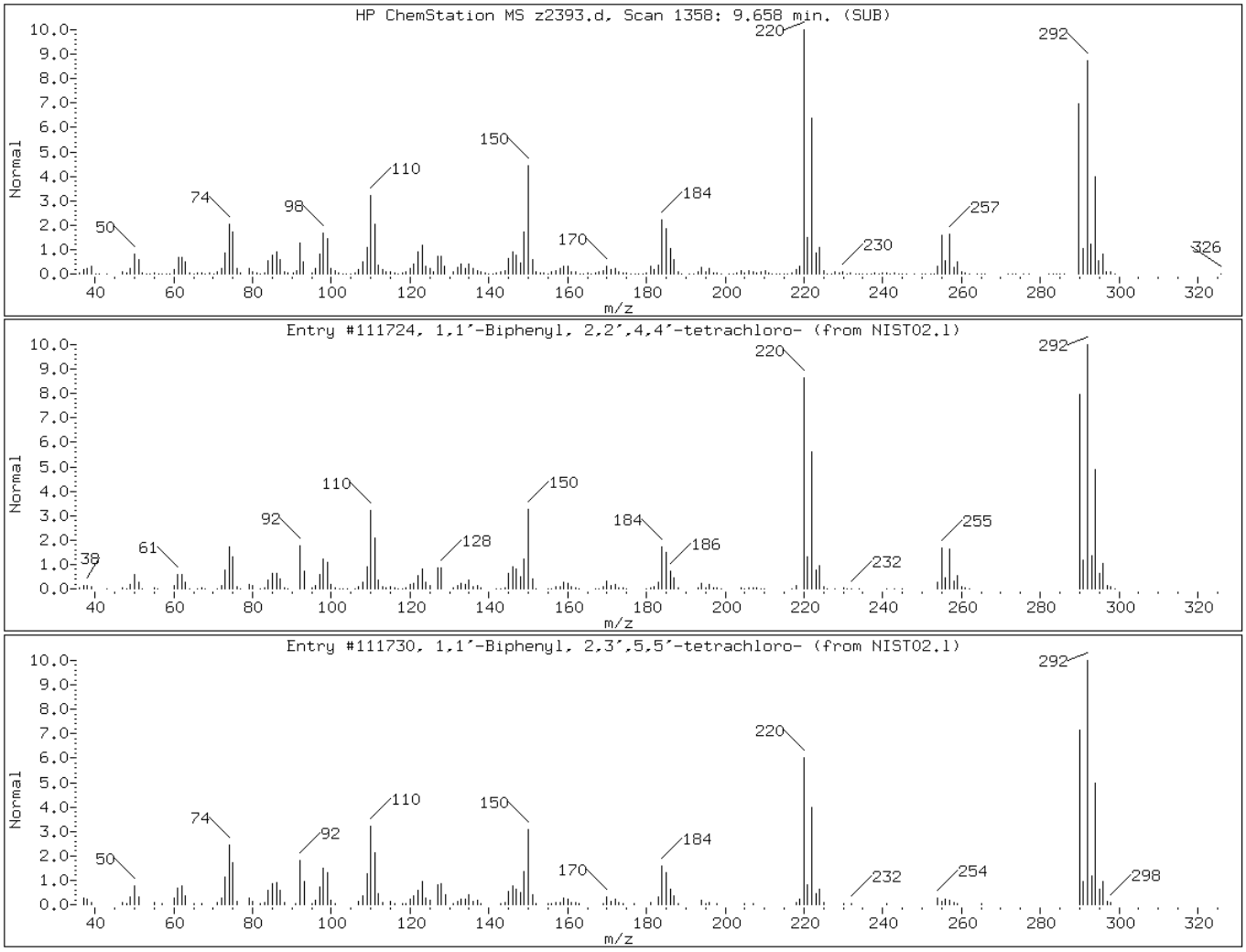
Date: 20-SEP-2013 15:49

Client ID: PMP-4SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-10-C Operator: BNAMS 4

Retention Time: 9.66

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, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290



Data File: z2393.d

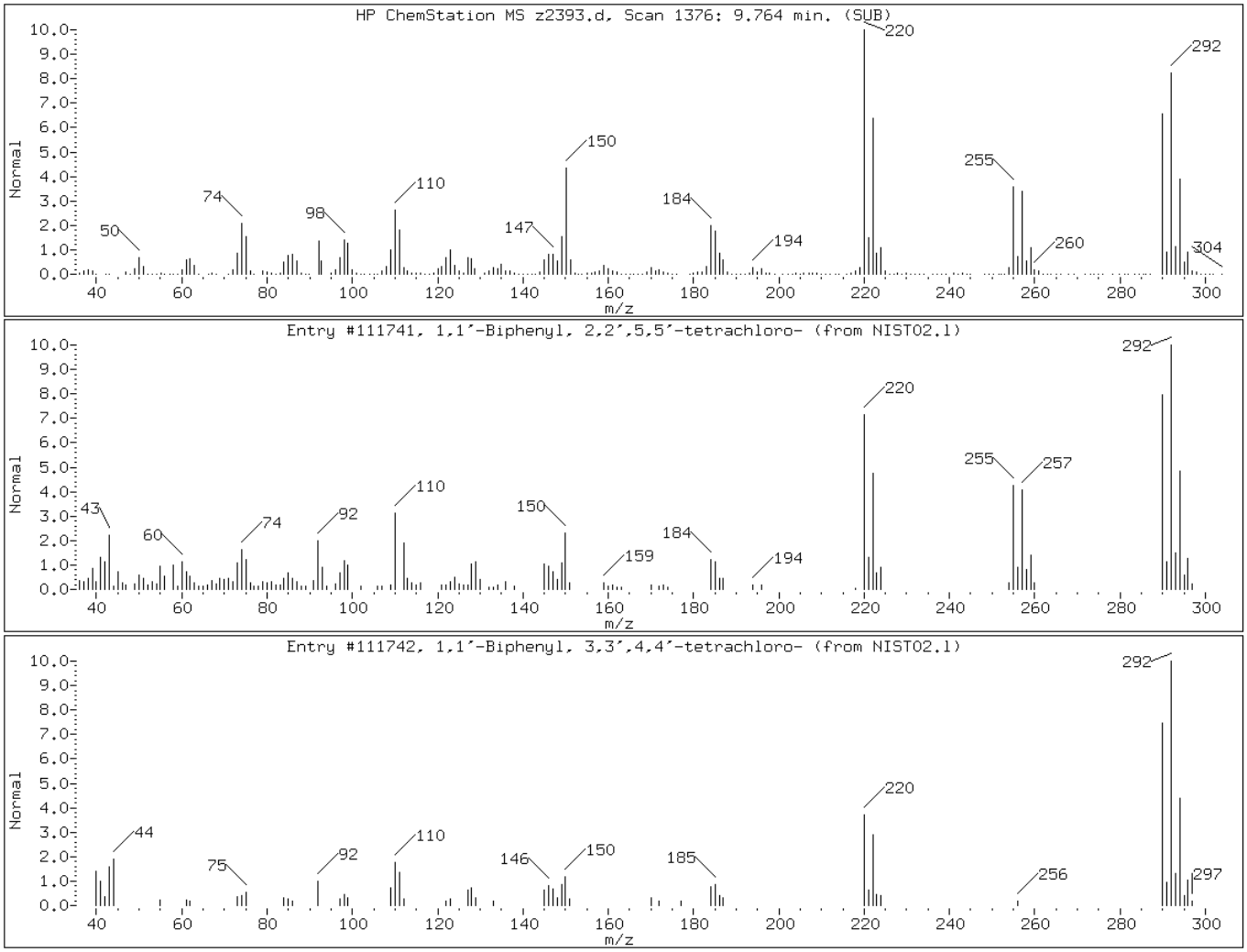
Date: 20-SEP-2013 15:49

Client ID: PMP-4SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-10-C Operator: BNAMS 4

Retention Time: 9.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-6						
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: z2393.d

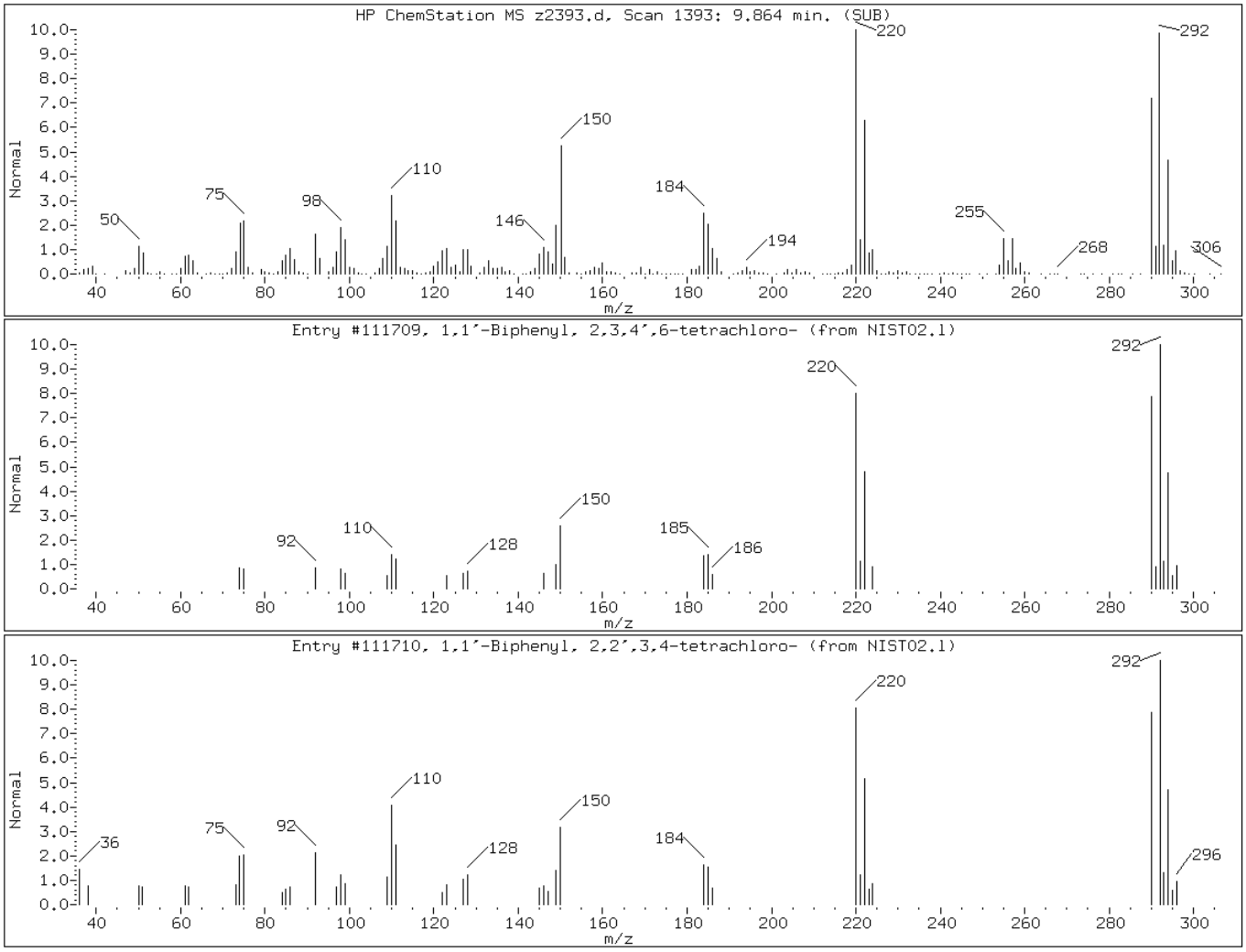
Date: 20-SEP-2013 15:49

Client ID: PMP-4SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-10-C Operator: BNAMS 4

Retention Time: 9.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-8						
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',3,4-tetrachlor	52663-59-9	NIST02.l	111710	99	C12H6Cl4	290



Data File: z2393.d

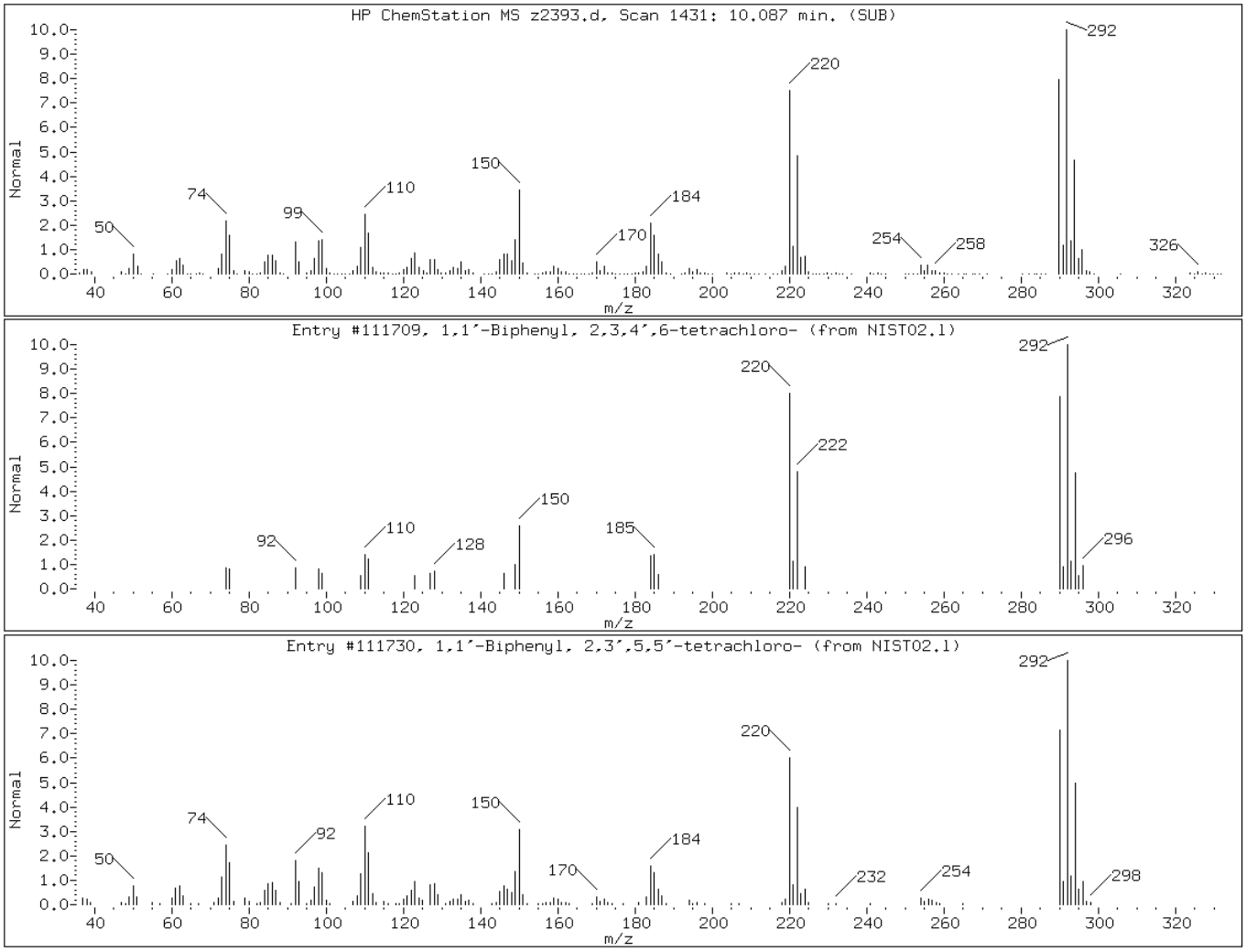
Date: 20-SEP-2013 15:49

Client ID: PMP-4SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-10-C Operator: BNAMS 4

Retention Time: 10.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-11						
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: z2393.d

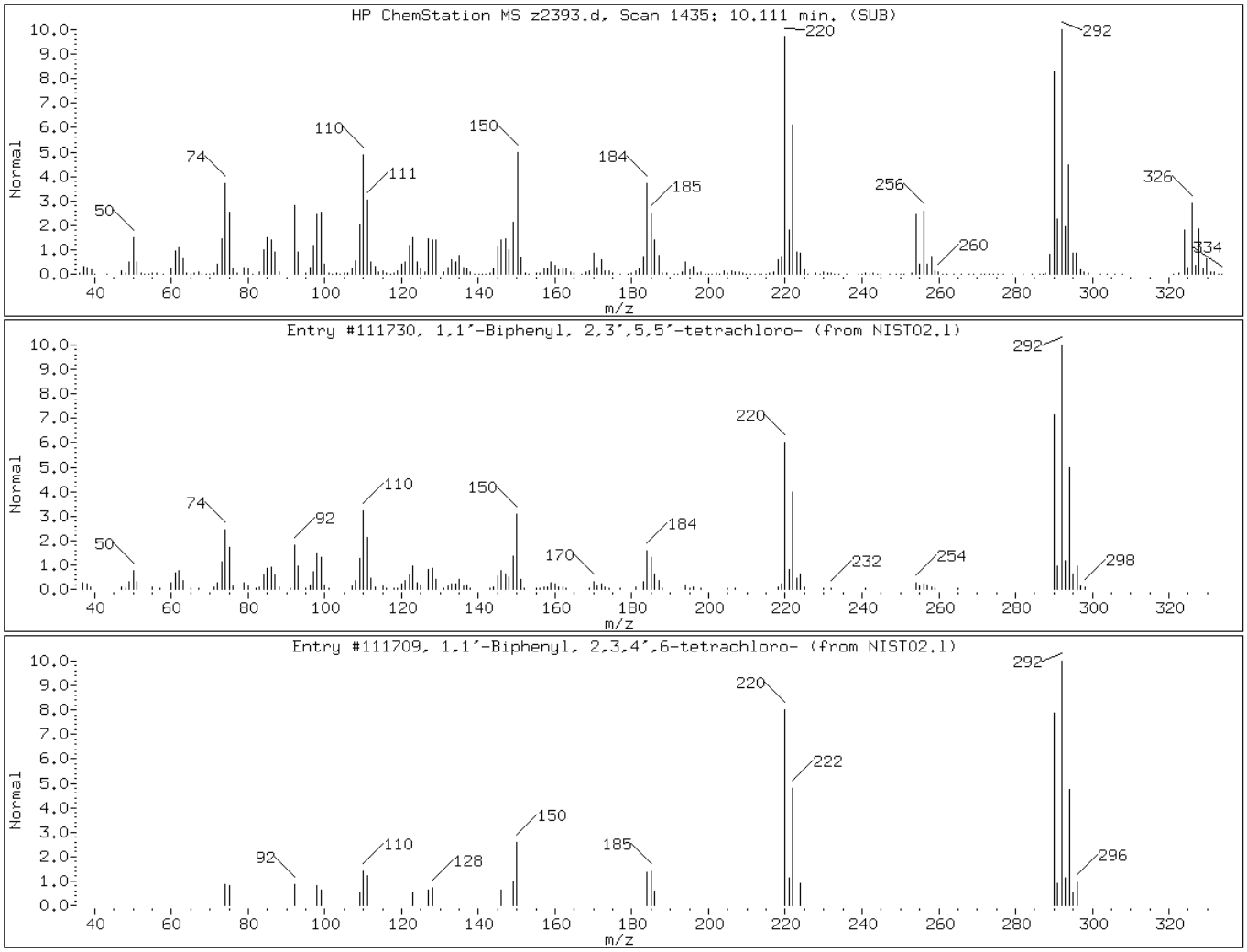
Date: 20-SEP-2013 15:49

Client ID: PMP-4SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-10-C Operator: BNAMS 4

Retention Time: 10.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-12						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290



Data File: z2393.d

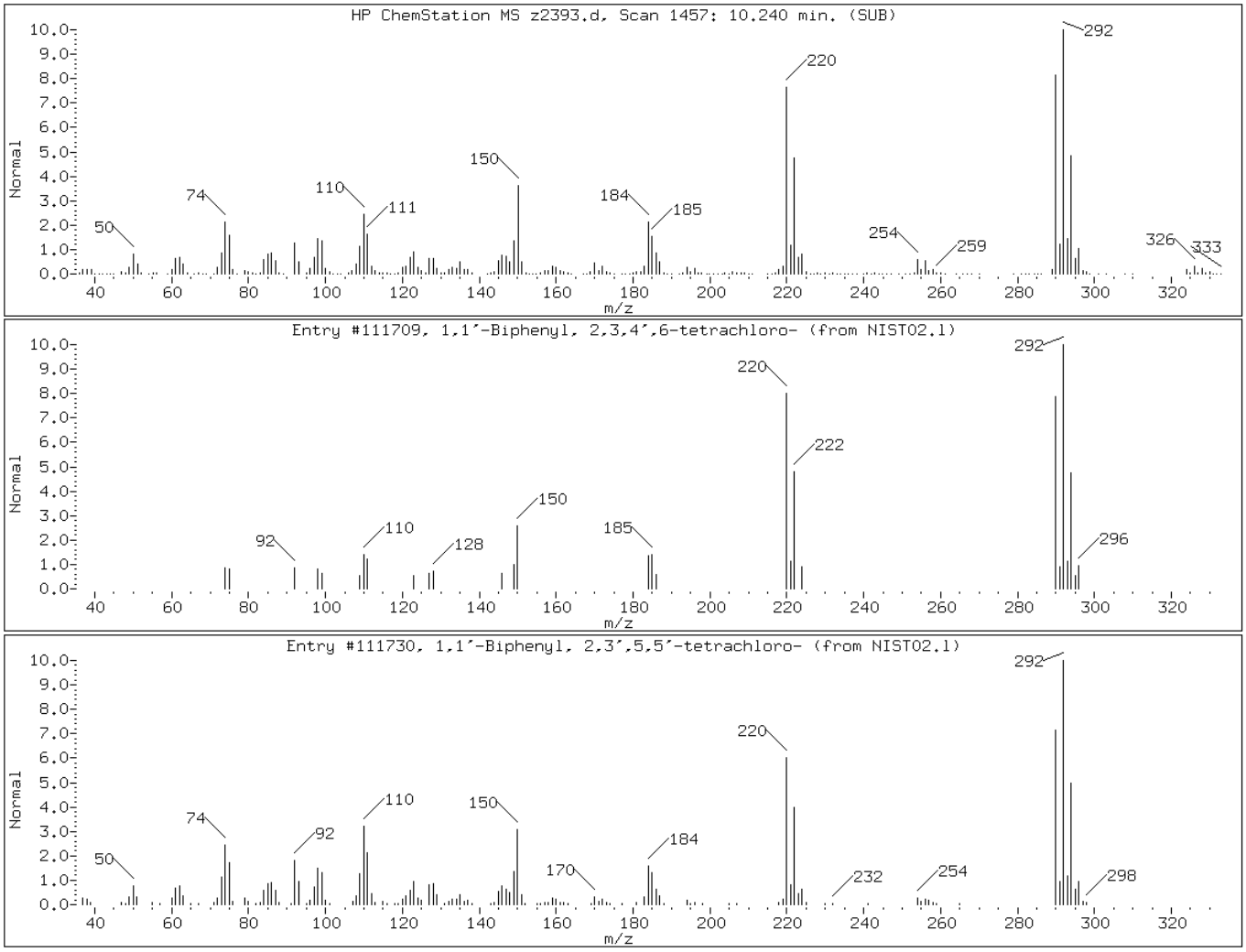
Date: 20-SEP-2013 15:49

Client ID: PMP-4SE-VS Instrument: BNAMS11.i

Sample Info: 460-62993-E-10-C Operator: BNAMS 4

Retention Time: 10.24

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',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VD | Lab Sample ID: 460-62993-11

Matrix: Solid | Lab File ID: 112700.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:30

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 15:33

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.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	48	U	350	48
95-57-8	2-Chlorophenol	47	U	350	47
95-48-7	2-Methylphenol	61	U	350	61
106-44-5	4-Methylphenol	70	U	350	70
100-52-7	Benzaldehyde	42	U	350	42
98-86-2	Acetophenone	55	U	350	55
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.9	U	35	5.9
98-95-3	Nitrobenzene	5.1	U	35	5.1
67-72-1	Hexachloroethane	4.0	U	35	4.0
78-59-1	Isophorone	43	U	350	43
88-75-5	2-Nitrophenol	40	U	350	40
105-67-9	2,4-Dimethylphenol	88	U	350	88
120-83-2	2,4-Dichlorophenol	52	U	350	52
111-91-1	Bis(2-chloroethoxy)methane	46	U	350	46
91-20-3	Naphthalene	41	U	350	41
106-47-8	4-Chloroaniline	94	U	350	94
87-68-3	Hexachlorobutadiene	8.7	U	72	8.7
105-60-2	Caprolactam	82	U	350	82
59-50-7	4-Chloro-3-methylphenol	54	U	350	54
91-57-6	2-Methylnaphthalene	46	U	350	46
118-74-1	Hexachlorobenzene	4.9	U	35	4.9
77-47-4	Hexachlorocyclopentadiene	42	U	350	42
88-06-2	2,4,6-Trichlorophenol	42	U	350	42
95-95-4	2,4,5-Trichlorophenol	46	U	350	46
92-52-4	Diphenyl	48	U	350	48
91-58-7	2-Chloronaphthalene	40	U	350	40
88-74-4	2-Nitroaniline	150	U	720	150
606-20-2	2,6-Dinitrotoluene	11	U	72	11
131-11-3	Dimethyl phthalate	42	U	350	42
208-96-8	Acenaphthylene	42	U	350	42
99-09-2	3-Nitroaniline	130	U	720	130
83-32-9	Acenaphthene	52	U	350	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VD | Lab Sample ID: 460-62993-11

Matrix: Solid | Lab File ID: 112700.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:30

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 15:33

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.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	42	U	350	42
84-66-2	Diethyl phthalate	42	U	350	42
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	47	U	350	47
84-74-2	Di-n-butyl phthalate	44	U	350	44
121-14-2	2,4-Dinitrotoluene	12	U	72	12
7005-72-3	4-Chlorophenyl phenyl ether	42	U	350	42
100-01-6	4-Nitroaniline	110	U	720	110
534-52-1	4,6-Dinitro-2-methylphenol	97	U	1100	97
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	55	U	350	55
120-12-7	Anthracene	43	U	350	43
86-74-8	Carbazole	42	U	350	42
85-01-8	Phenanthrene	45	U	350	45
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	30	U	350	30
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.5	U	35	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-68-7	Butyl benzyl phthalate	33	U	350	33
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	23	U	350	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.6	U	35	6.6
53-70-3	Dibenz(a,h)anthracene	4.5	U	35	4.5
91-94-1	3,3'-Dichlorobenzidine	120	U	720	120
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	350	48
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VD | Lab Sample ID: 460-62993-11

Matrix: Solid | Lab File ID: 112700.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:30

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 15:33

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.: 182161 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	80		38-105
4165-62-2	Phenol-d5	83		41-118
1718-51-0	Terphenyl-d14	85		16-151
118-79-6	2,4,6-Tribromophenol	69		10-120
367-12-4	2-Fluorophenol	88		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VD Lab Sample ID: 460-62993-11

Matrix: Solid Lab File ID: 112700.D

Analysis Method: 8270C Date Collected: 09/13/2013 09:30

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.03(g) Date Analyzed: 09/19/2013 15:33

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.: 182161 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

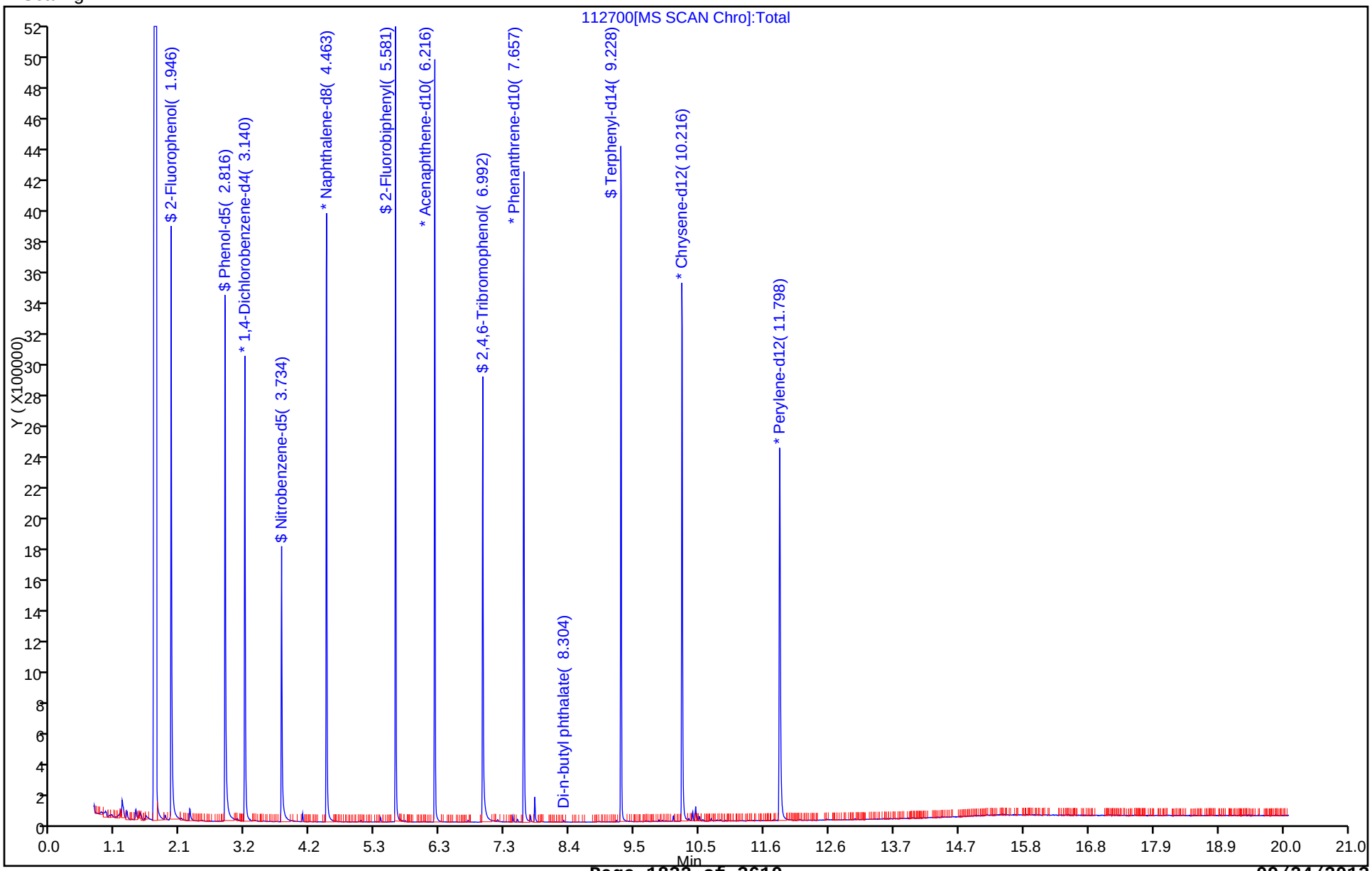
Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112700.D		
Lims ID:	460-62993-E-11-E	Client ID:	PMP-4SE-VD
Inject. Date:	19-Sep-2013 15:33:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004813-008		
Misc. Info.:	460-62993-E-11-E		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	182161	Lims Sample ID:	8
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m		
Last Update:	20-Sep-2013 11:41:44	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: ranav		Date:	20-Sep-2013 09:51:14

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	1.946	1.934	0.012	96	1081194	87.9	
$ 6 Phenol-d5	99	2.816	2.828	-0.012	98	1389762	83.3	
* 13 1,4-Dichlorobenzene-d4	152	3.140	3.140	0.0	96	495153	40.0	
$ 25 Nitrobenzene-d5	82	3.734	3.740	-0.006	88	625934	40.0	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	1861111	40.0	
$ 48 2-Fluorobiphenyl	172	5.581	5.581	0.0	97	1409233	41.7	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	94	1000997	40.0	
$ 76 2,4,6-Tribromophenol	330	6.992	6.992	0.0	91	431025	68.6	
* 83 Phenanthrene-d10	188	7.657	7.657	0.0	98	1544111	40.0	
87 Di-n-butyl phthalate	149	8.304	8.298	0.006	88	6693	0.1338	
$ 91 Terphenyl-d14	244	9.228	9.227	0.001	99	1392470	42.5	
* 96 Chrysene-d12	240	10.216	10.221	-0.005	99	1383576	40.0	
* 103 Perylene-d12	264	11.798	11.804	-0.006	98	1294765	40.0	

Report Date: 20-Sep-2013 11:43:08 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112700.D		
Injection Date:	19-Sep-2013 15:33:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-4SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	8
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-WT | Lab Sample ID: 460-62993-12

Matrix: Solid | Lab File ID: 112713.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:25

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 21:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	46	U	340	46
95-57-8	2-Chlorophenol	45	U	340	45
95-48-7	2-Methylphenol	58	U	340	58
106-44-5	4-Methylphenol	67	U	340	67
100-52-7	Benzaldehyde	40	U	340	40
98-86-2	Acetophenone	53	U	340	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	340	38
621-64-7	N-Nitrosodi-n-propylamine	5.7	U	34	5.7
98-95-3	Nitrobenzene	4.9	U	34	4.9
67-72-1	Hexachloroethane	3.8	U	34	3.8
78-59-1	Isophorone	41	U	340	41
88-75-5	2-Nitrophenol	38	U	340	38
105-67-9	2,4-Dimethylphenol	84	U	340	84
120-83-2	2,4-Dichlorophenol	50	U	340	50
111-91-1	Bis(2-chloroethoxy)methane	44	U	340	44
91-20-3	Naphthalene	40	U	340	40
106-47-8	4-Chloroaniline	91	U	340	91
87-68-3	Hexachlorobutadiene	8.4	U	69	8.4
105-60-2	Caprolactam	79	U	340	79
59-50-7	4-Chloro-3-methylphenol	52	U	340	52
91-57-6	2-Methylnaphthalene	44	U	340	44
118-74-1	Hexachlorobenzene	4.7	U	34	4.7
77-47-4	Hexachlorocyclopentadiene	40	U	340	40
88-06-2	2,4,6-Trichlorophenol	40	U	340	40
95-95-4	2,4,5-Trichlorophenol	44	U	340	44
92-52-4	Diphenyl	46	U	340	46
91-58-7	2-Chloronaphthalene	38	U	340	38
88-74-4	2-Nitroaniline	140	U	690	140
606-20-2	2,6-Dinitrotoluene	10	U	69	10
131-11-3	Dimethyl phthalate	41	U	340	41
208-96-8	Acenaphthylene	40	U	340	40
99-09-2	3-Nitroaniline	120	U	690	120
83-32-9	Acenaphthene	50	U	340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-WT | Lab Sample ID: 460-62993-12

Matrix: Solid | Lab File ID: 112713.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:25

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 21:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	41	U	340	41
86-73-7	Fluorene	44	U	340	44
206-44-0	Fluoranthene	46	U	340	46
84-74-2	Di-n-butyl phthalate	42	U	340	42
121-14-2	2,4-Dinitrotoluene	11	U	69	11
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	110	U	690	110
534-52-1	4,6-Dinitro-2-methylphenol	93	U	1000	93
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
1912-24-9	Atrazine	53	U	340	53
120-12-7	Anthracene	42	U	340	42
86-74-8	Carbazole	40	U	340	40
85-01-8	Phenanthrene	44	U	340	44
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	29	U	340	29
218-01-9	Chrysene	40	U	340	40
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
191-24-2	Benzo[g,h,i]perylene	25	U	340	25
205-99-2	Benzo[b]fluoranthene	2.2	U	34	2.2
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	340	34
85-68-7	Butyl benzyl phthalate	31	U	340	31
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
117-84-0	Di-n-octyl phthalate	22	U	340	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	34	6.4
53-70-3	Dibenz(a,h)anthracene	4.3	U	34	4.3
91-94-1	3,3'-Dichlorobenzidine	120	U	690	120
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	340	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-WT Lab Sample ID: 460-62993-12

Matrix: Solid Lab File ID: 112713.D

Analysis Method: 8270C Date Collected: 09/13/2013 09:25

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 21:43

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	73		38-105
4165-62-2	Phenol-d5	77		41-118
1718-51-0	Terphenyl-d14	83		16-151
118-79-6	2,4,6-Tribromophenol	57		10-120
367-12-4	2-Fluorophenol	82		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-WT Lab Sample ID: 460-62993-12

Matrix: Solid Lab File ID: 112713.D

Analysis Method: 8270C Date Collected: 09/13/2013 09:25

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 21:43

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112713.D		
Lims ID:	460-62993-E-12-C	Client ID:	PMP-4SE-WT
Inject. Date:	19-Sep-2013 21:43:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004813-021		
Misc. Info.:	460-62993-E-12-C		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	21
Lims Batch ID:	182161	Lims Sample ID:	21
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m		
Last Update:	20-Sep-2013 11:43:38	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: ranav		Date:	20-Sep-2013 10:33:21

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	1.951	1.934	0.017	96	1063442	81.6	
$ 6 Phenol-d5	99	2.828	2.828	0.0	98	1353880	76.6	
* 13 1,4-Dichlorobenzene-d4	152	3.146	3.140	0.006	96	524492	40.0	
$ 25 Nitrobenzene-d5	82	3.740	3.740	0.0	88	608969	36.4	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	1988183	40.0	
$ 48 2-Fluorobiphenyl	172	5.581	5.581	0.0	97	1397869	38.3	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	94	1079581	40.0	
$ 76 2,4,6-Tribromophenol	330	6.992	6.992	0.0	91	385973	56.9	
* 83 Phenanthrene-d10	188	7.657	7.657	0.0	98	1641285	40.0	
87 Di-n-butyl phthalate	149	8.304	8.298	0.006	81	6272	0.1179	
$ 91 Terphenyl-d14	244	9.233	9.227	0.006	99	1336337	41.3	
* 96 Chrysene-d12	240	10.222	10.221	0.001	99	1366953	40.0	
* 103 Perylene-d12	264	11.804	11.804	0.0	98	1254844	40.0	

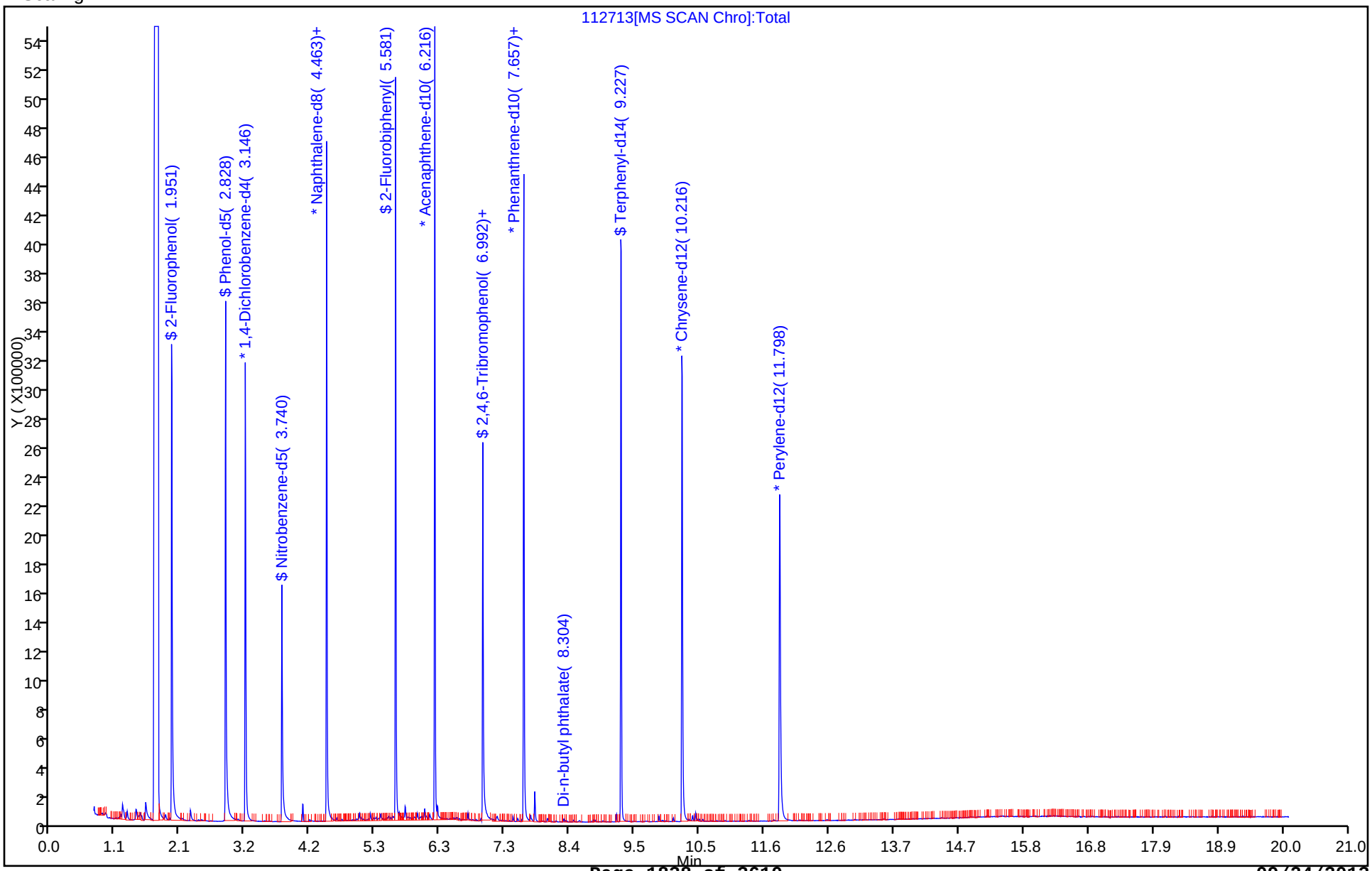
Report Date: 20-Sep-2013 11:43:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112713.D

Injection Date:	19-Sep-2013 21:43:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-4SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	21
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-VS | Lab Sample ID: 460-62993-13

Matrix: Solid | Lab File ID: 112717.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:35

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 23:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	60	U	350	60
106-44-5	4-Methylphenol	69	U	350	69
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
98-95-3	Nitrobenzene	5.0	U	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	42	U	350	42
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	86	U	350	86
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	40	U	350	40
106-47-8	4-Chloroaniline	93	U	350	93
87-68-3	Hexachlorobutadiene	8.5	U	71	8.5
105-60-2	Caprolactam	81	U	350	81
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	710	150
606-20-2	2,6-Dinitrotoluene	11	U	71	11
131-11-3	Dimethyl phthalate	41	U	350	41
208-96-8	Acenaphthylene	41	U	350	41
99-09-2	3-Nitroaniline	120	U	710	120
83-32-9	Acenaphthene	51	U	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-VS | Lab Sample ID: 460-62993-13

Matrix: Solid | Lab File ID: 112717.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:35

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 23:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	47	U	350	47
84-74-2	Di-n-butyl phthalate	43	U	350	43
121-14-2	2,4-Dinitrotoluene	12	U	71	12
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
534-52-1	4,6-Dinitro-2-methylphenol	95	U	1100	95
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	54	U	350	54
120-12-7	Anthracene	42	U	350	42
86-74-8	Carbazole	41	U	350	41
85-01-8	Phenanthrene	45	U	350	45
87-86-5	Pentachlorophenol	100	U	1100	100
129-00-0	Pyrene	29	U	350	29
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	8.7	J	35	2.7
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	25	J	35	2.2
50-32-8	Benzo[a]pyrene	15	J	35	2.5
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	350	34
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	11	J	35	6.5
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	350	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-VS Lab Sample ID: 460-62993-13

Matrix: Solid Lab File ID: 112717.D

Analysis Method: 8270C Date Collected: 09/13/2013 09:35

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 23:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	81		38-105
4165-62-2	Phenol-d5	84		41-118
1718-51-0	Terphenyl-d14	86		16-151
118-79-6	2,4,6-Tribromophenol	76		10-120
367-12-4	2-Fluorophenol	90		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-VS | Lab Sample ID: 460-62993-13

Matrix: Solid | Lab File ID: 112717.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:35

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 23:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 370

CAS NO.	COMPOUND NAME	RT	RESULT	Q
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	8.78	370	J N

Report Date: 20-Sep-2013 11:43:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112717.D
Lims ID: 460-62993-E-13-C Client ID: PMP-14SE-VS
Inject. Date: 19-Sep-2013 23:36:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-0004813-025
Misc. Info.: 460-62993-E-13-C
Operator: BNA 12 Instrument ID: CBNAMS12
Injection Vol: 1.0 ul ALS Bottle#: 25
Lims Batch ID: 182161 Lims Sample ID: 25
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m
Last Update: 20-Sep-2013 11:43:38 Calib Date: 16-Sep-2013 20:10:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D
Limit Group: SV 8270 ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: Column Dia:
Process Host: XAWRK008

First Level Reviewer: ranav Date: 20-Sep-2013 10:54:38

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	1.946	1.934	0.012	95	1202428	89.8	
$ 6 Phenol-d5	99	2.822	2.828	-0.006	98	1518343	83.6	
* 13 1,4-Dichlorobenzene-d4	152	3.140	3.140	0.0	96	538969	40.0	
$ 25 Nitrobenzene-d5	82	3.734	3.740	-0.006	88	675527	40.7	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	1973794	40.0	
$ 48 2-Fluorobiphenyl	172	5.581	5.581	0.0	97	1544877	43.9	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	94	1040933	40.0	
$ 76 2,4,6-Tribromophenol	330	6.992	6.992	0.0	92	494969	75.7	
* 83 Phenanthrene-d10	188	7.657	7.657	0.0	99	1557712	40.0	
87 Di-n-butyl phthalate	149	8.298	8.298	0.0	47	10719	0.2124	
88 Fluoranthene	202	8.845	8.827	0.018	90	14195	0.3093	
90 Pyrene	202	9.057	9.039	0.018	93	14314	0.3308	
$ 91 Terphenyl-d14	244	9.233	9.227	0.006	99	1341862	43.1	
* 96 Chrysene-d12	240	10.216	10.221	-0.005	99	1314205	40.0	
98 Bis(2-ethylhexyl) phthalate	149	10.327	10.333	-0.006	54	4572	0.1731	
100 Benzo[b]fluoranthene	252	11.398	11.369	0.030	88	15069	0.3495	
101 Benzo[k]fluoranthene	252	11.421	11.398	0.023	88	5896	0.1229	M
102 Benzo[a]pyrene	252	11.757	11.739	0.018	85	8094	0.2111	
* 103 Perylene-d12	264	11.804	11.804	0.0	98	1643256	40.0	
104 Indeno[1,2,3-cd]pyrene	276	13.157	13.098	0.059	82	7028	0.1631	M
106 Benzo[g,h,i]perylene	276	13.468	13.404	0.064	86	9024	0.2057	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112717.D		
Lims ID:	460-62993-E-13-C	Client ID:	PMP-14SE-VS
Inject. Date:	19-Sep-2013 23:36:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004813-025		
Misc. Info.:	460-62993-E-13-C		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	25
Lims Batch ID:	182161	Lims Sample ID:	25
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m		
Last Update:	20-Sep-2013 11:43:38	Calib Date:	16-Sep-2013 20:10:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	75		
Process Host:	XAWRK008		

First Level Reviewer: ranav Date: 20-Sep-2013 10:54:38

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
	32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-				
8.780	538976	5.19	83	99	111742	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 83 Phenanthrene-d10	7.657	4156011	40.0

QC Flag Legend

Processing Flags

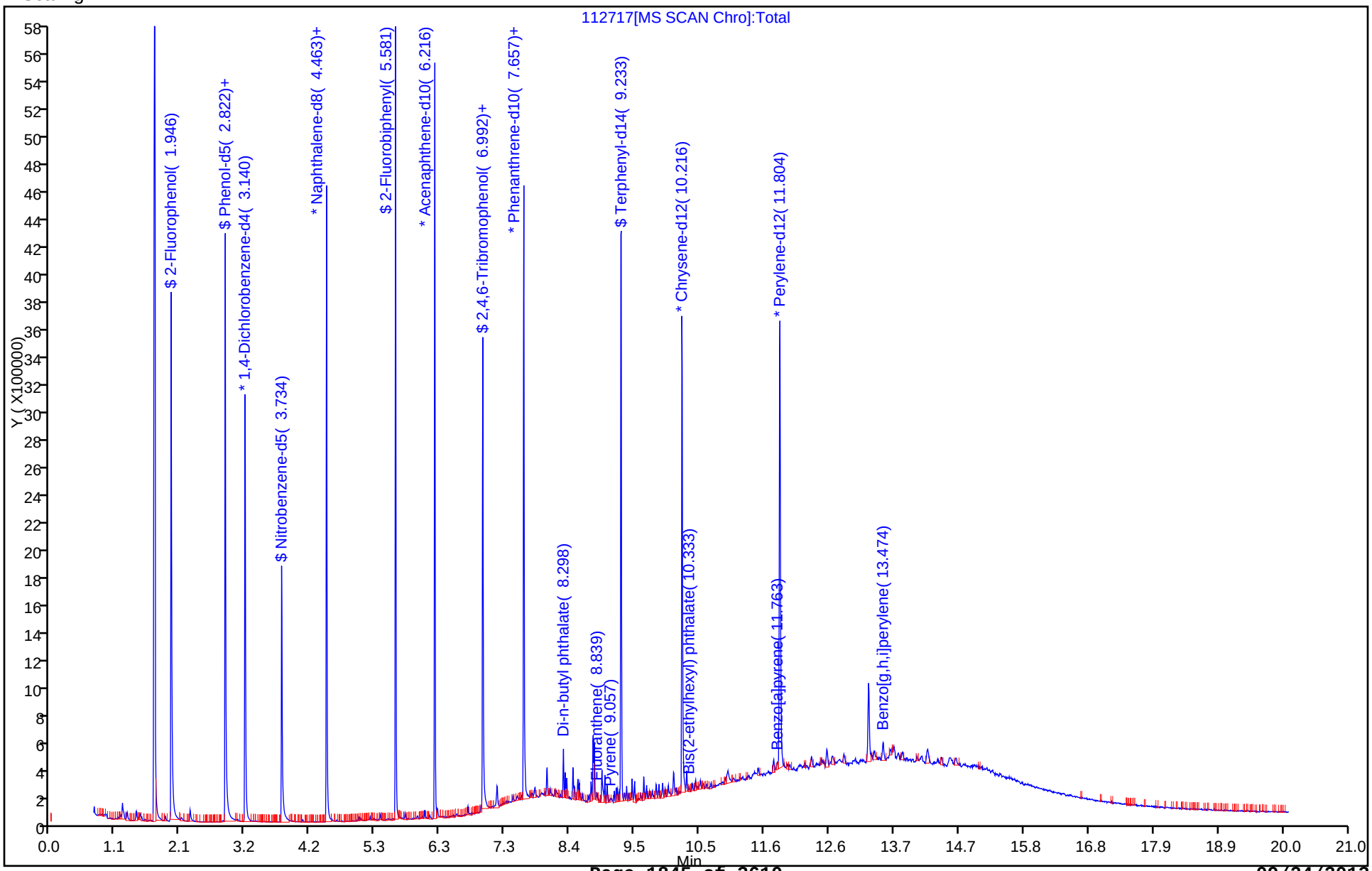
Report Date: 20-Sep-2013 11:43:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112717.D

Injection Date:	19-Sep-2013 23:36:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-14SE-VS	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	25
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:

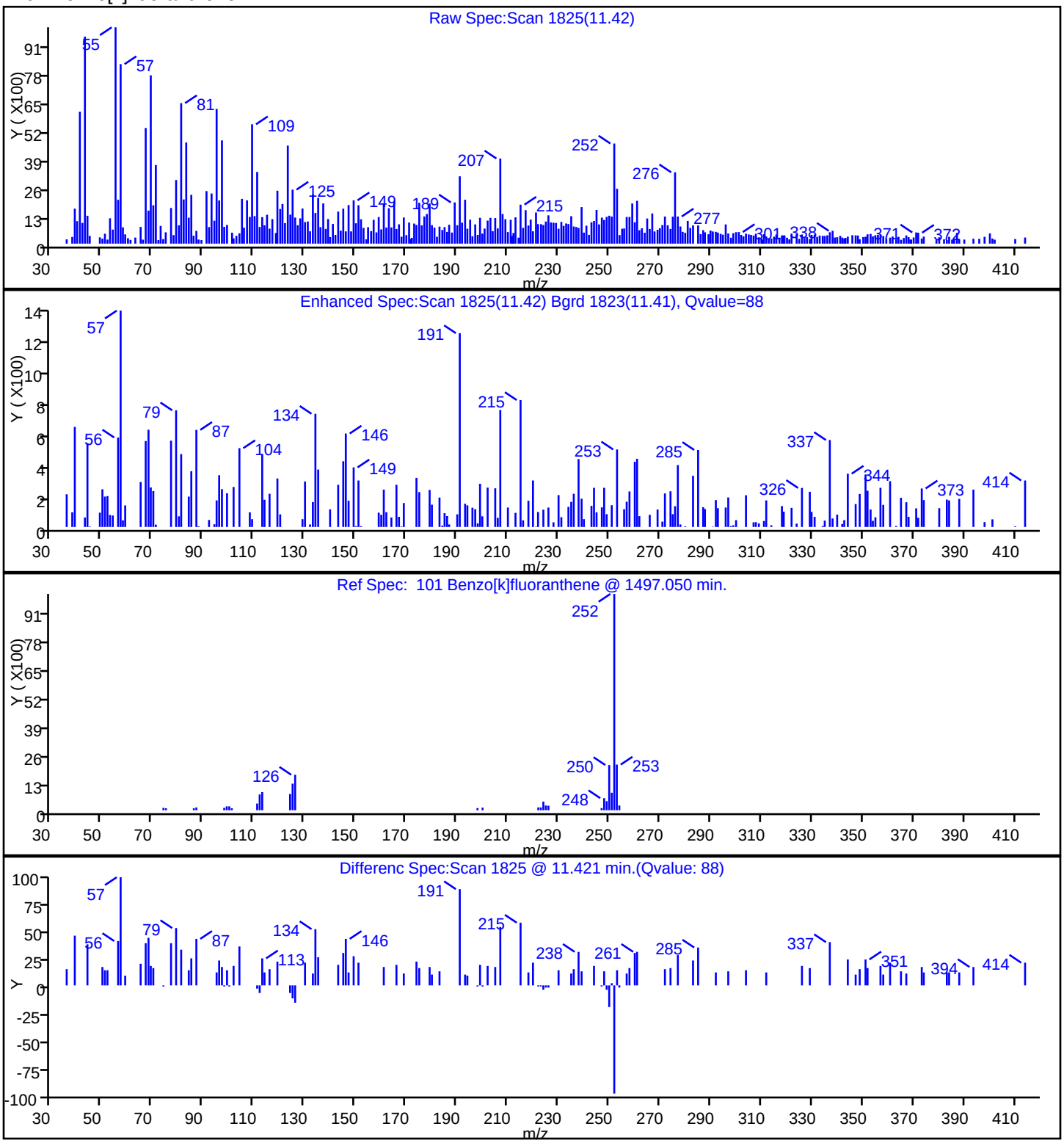


Report Date: 20-Sep-2013 11:43:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112717.D		
Injection Date:	19-Sep-2013 23:36:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-14SE-VS	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	25
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

101 Benzo[k]fluoranthene



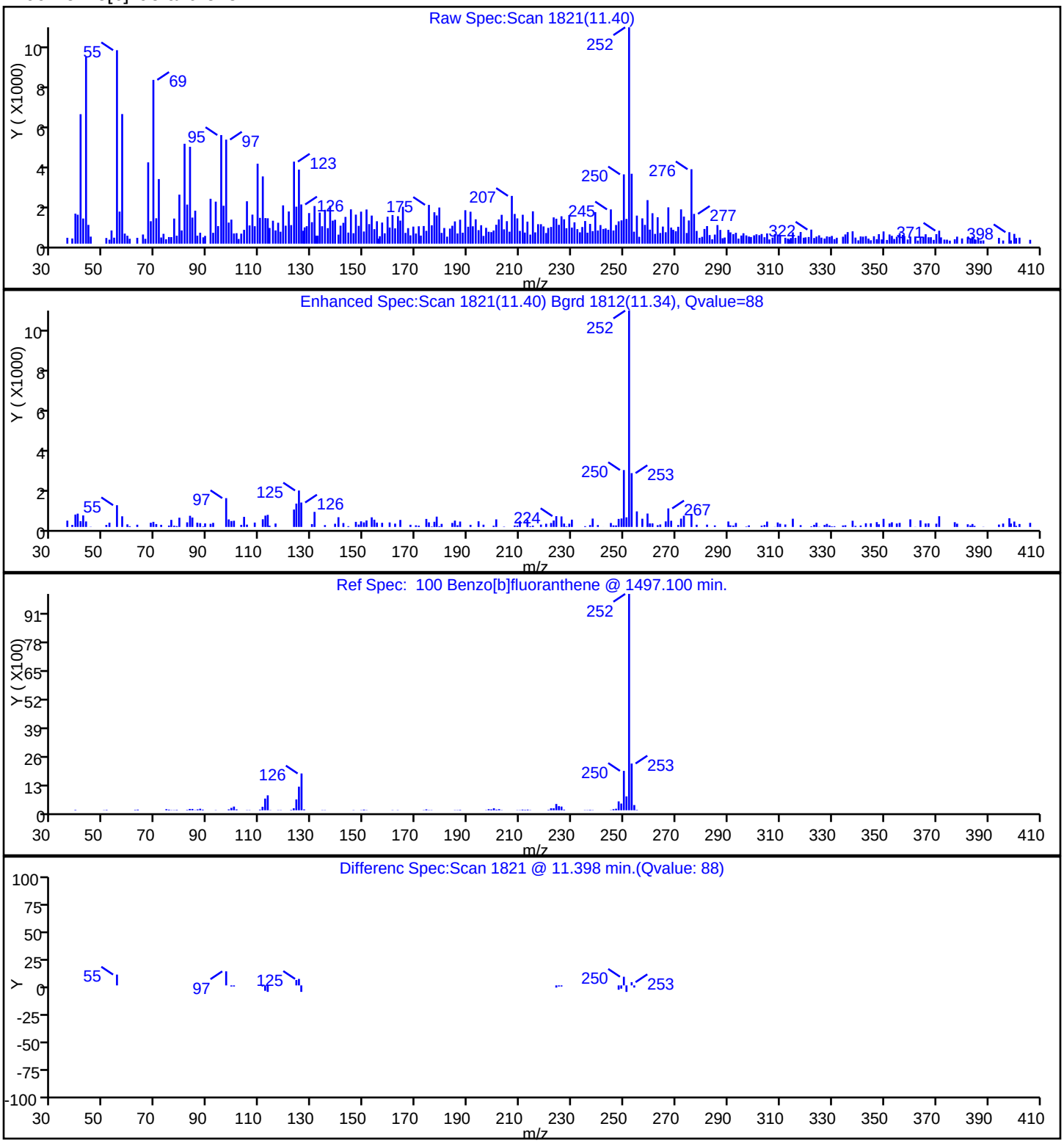
Report Date: 20-Sep-2013 11:43:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112717.D

Injection Date:	19-Sep-2013 23:36:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-14SE-VS	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	25
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

100 Benzo[b]fluoranthene



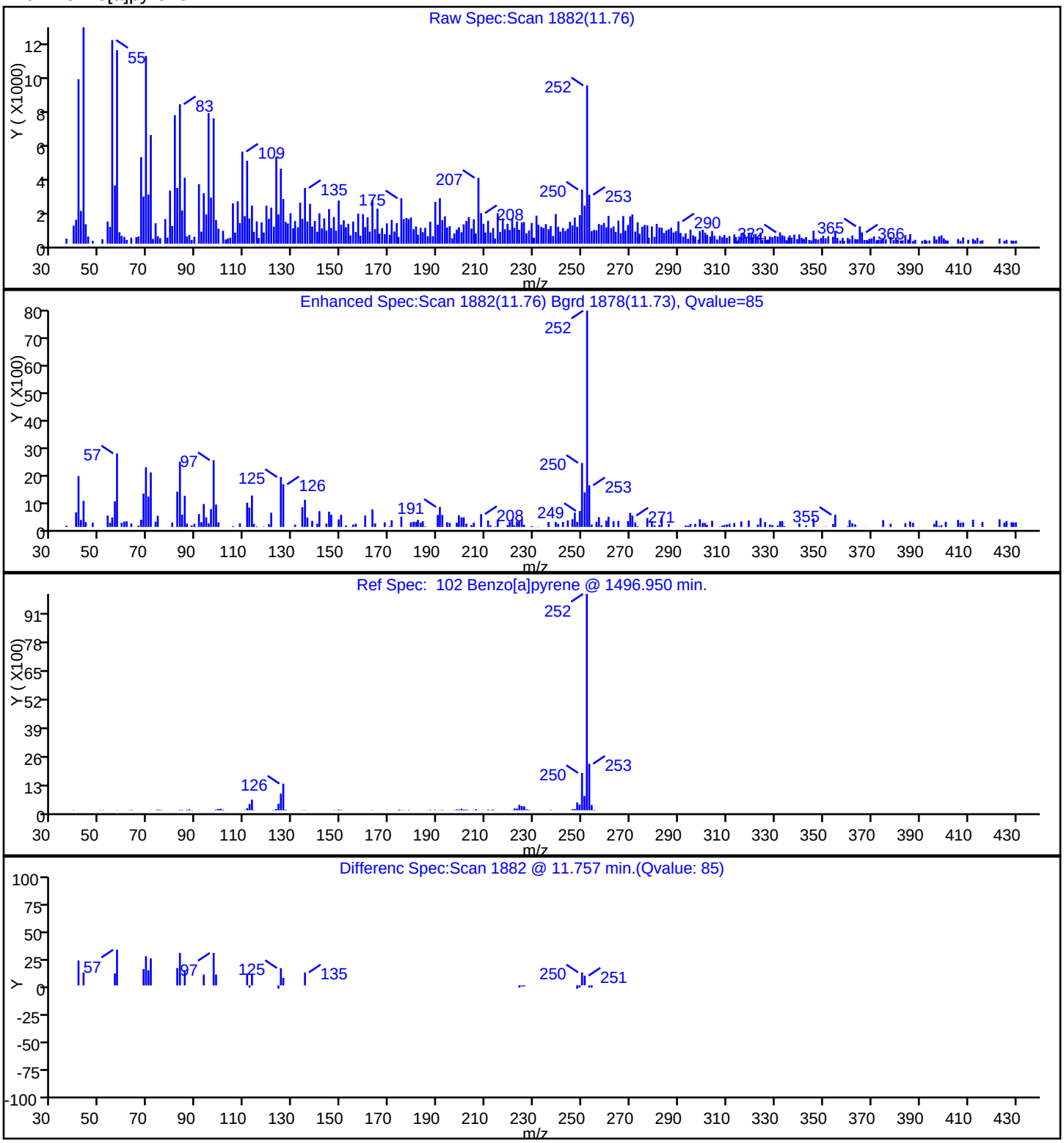
Report Date: 20-Sep-2013 11:43:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112717.D

Injection Date:	19-Sep-2013 23:36:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-14SE-VS	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	25
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

102 Benzo[a]pyrene

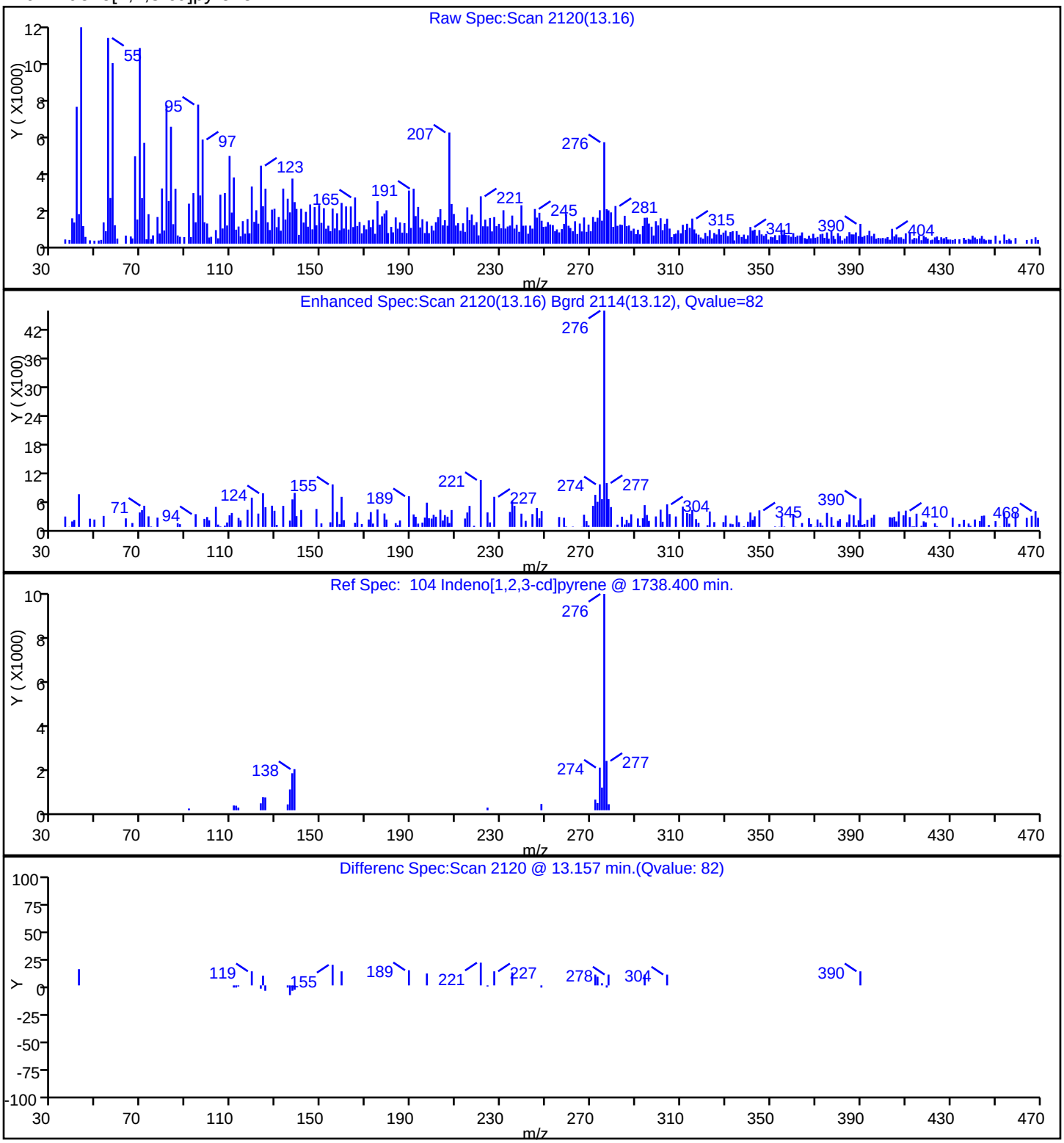


Report Date: 20-Sep-2013 11:43:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112717.D		
Injection Date:	19-Sep-2013 23:36:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-14SE-VS	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	25
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

104 Indeno[1,2,3-cd]pyrene



Manual Integration/User Assign Peak Report

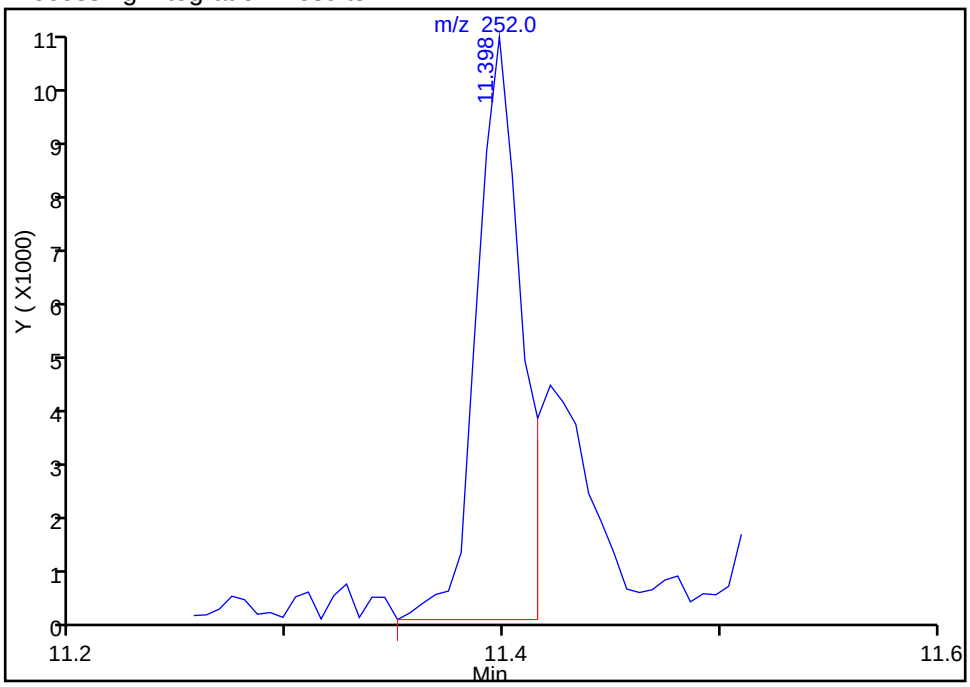
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112717.D		
Injection Date:	19-Sep-2013 23:36:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-14SE-VS	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	25
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

101 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 11.40

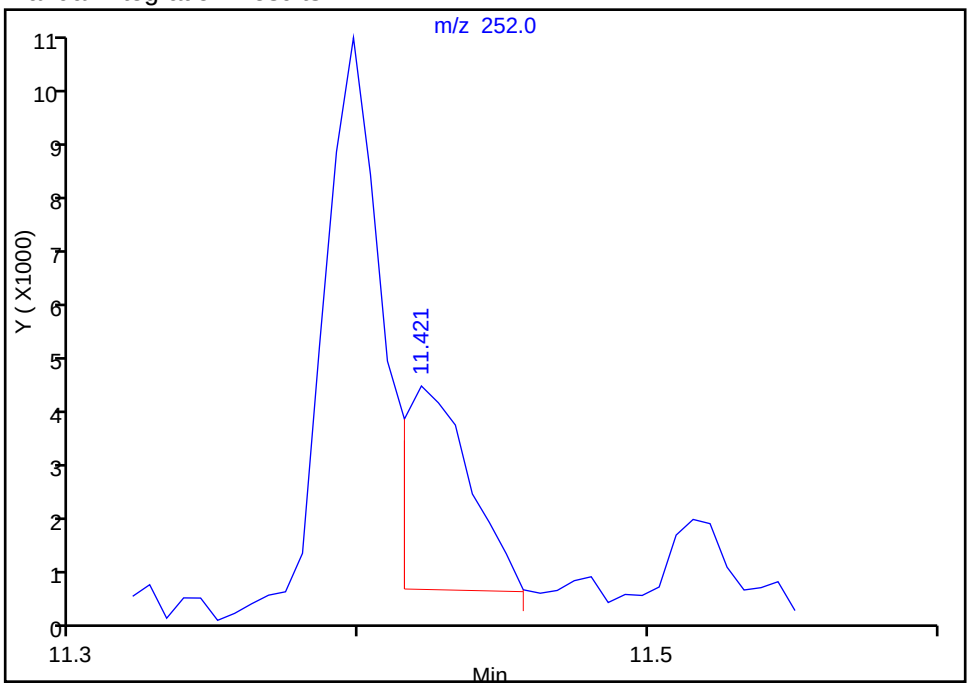
Processing Integration Results

RT: 11.40
Response: 15069
Amount: 0.314055



Manual Integration Results

RT: 11.42
Response: 5896
Amount: 0.122879



Reviewer: ranav, 20-Sep-2013 10:54:38
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

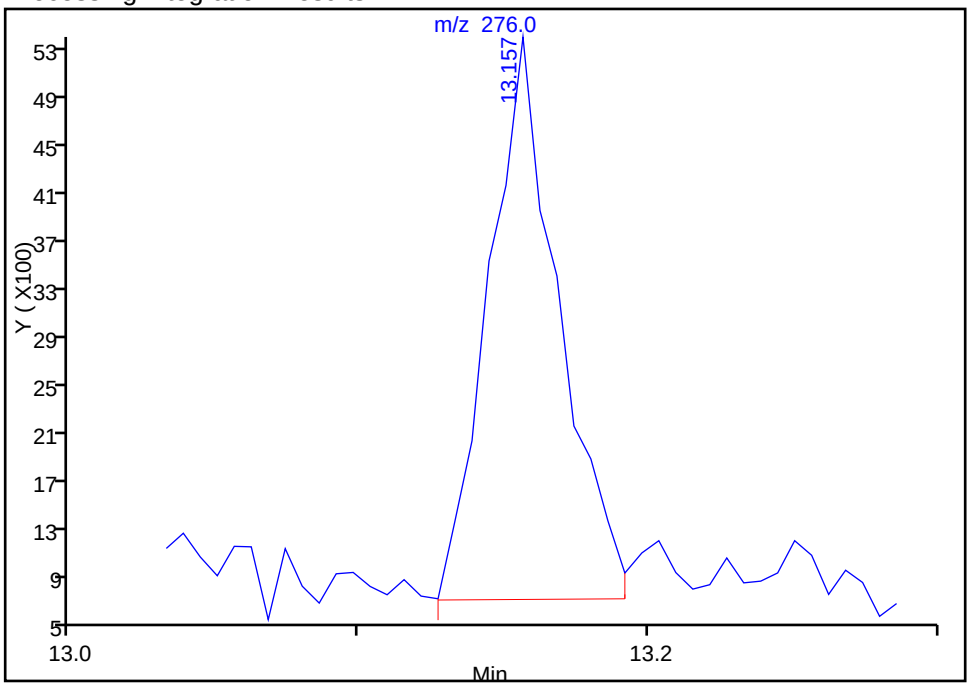
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112717.D		
Injection Date:	19-Sep-2013 23:36:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-14SE-VS	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	25
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

104 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 13.10

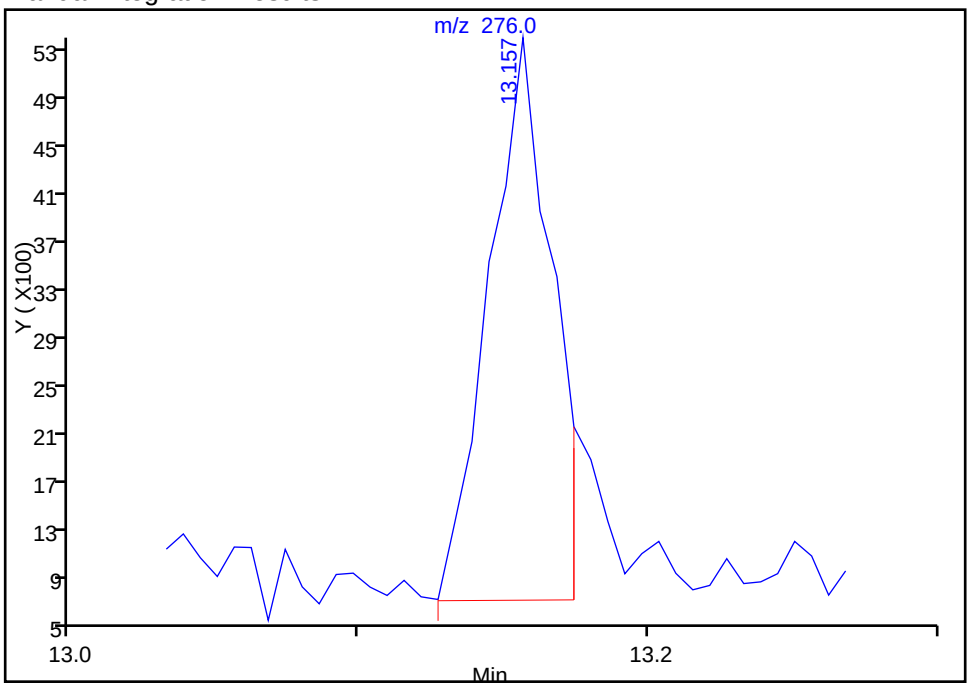
Processing Integration Results

RT: 13.16
Response: 7730
Amount: 0.179404



Manual Integration Results

RT: 13.16
Response: 7028
Amount: 0.163111



Reviewer: ranav, 20-Sep-2013 10:54:38
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

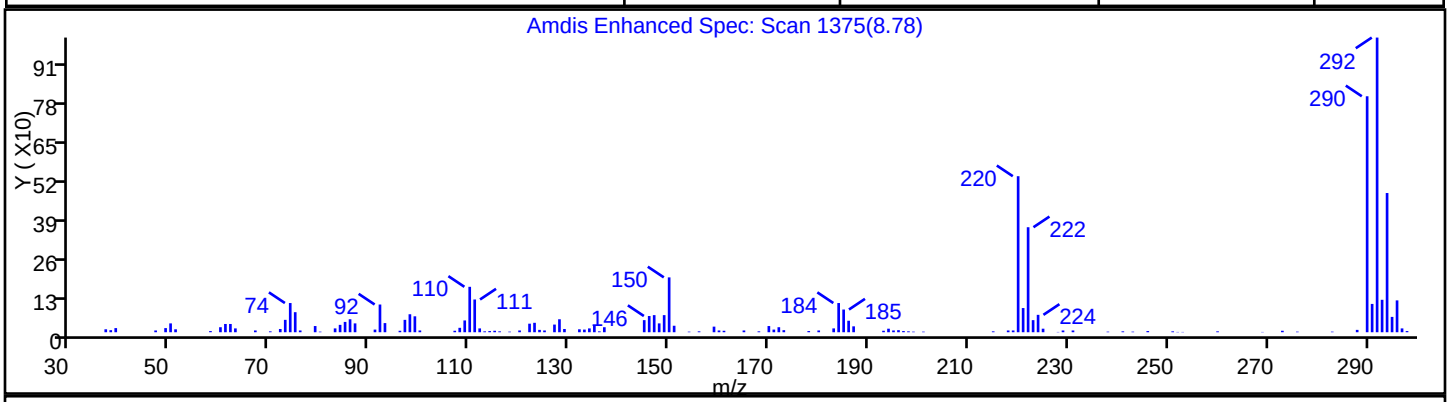
Report Date: 20-Sep-2013 11:43:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

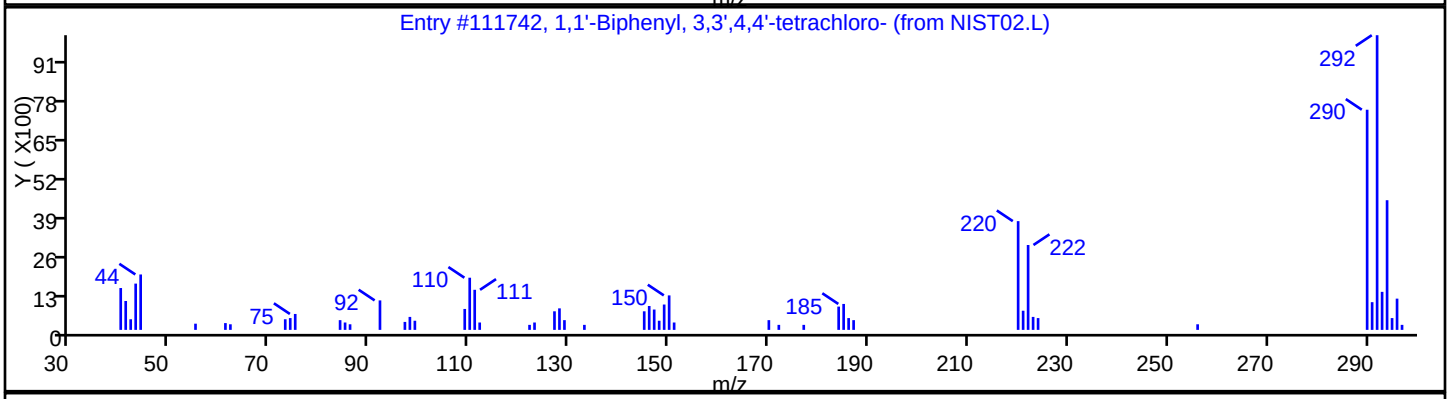
TestAmerica Edison

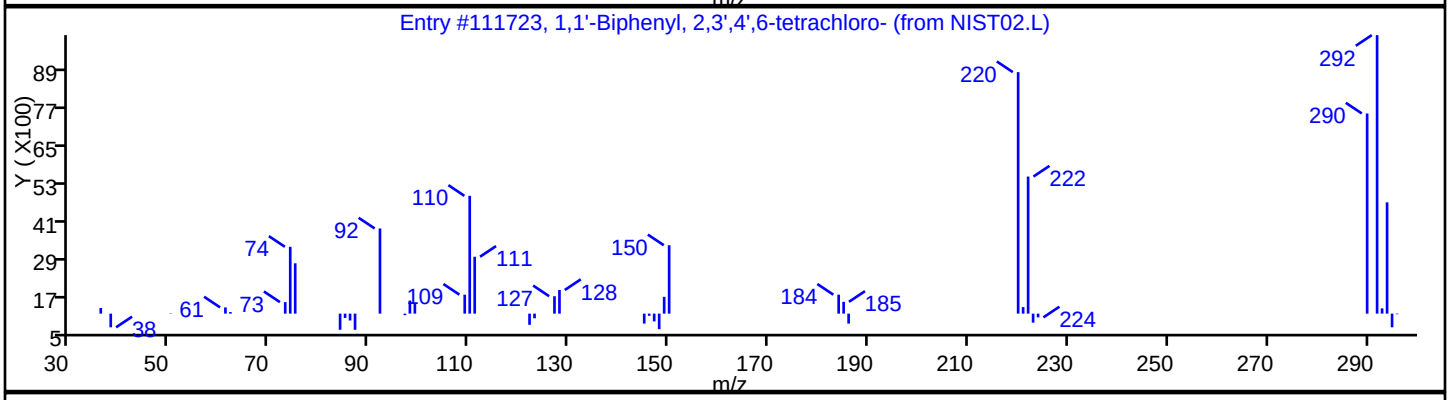
Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112717.D

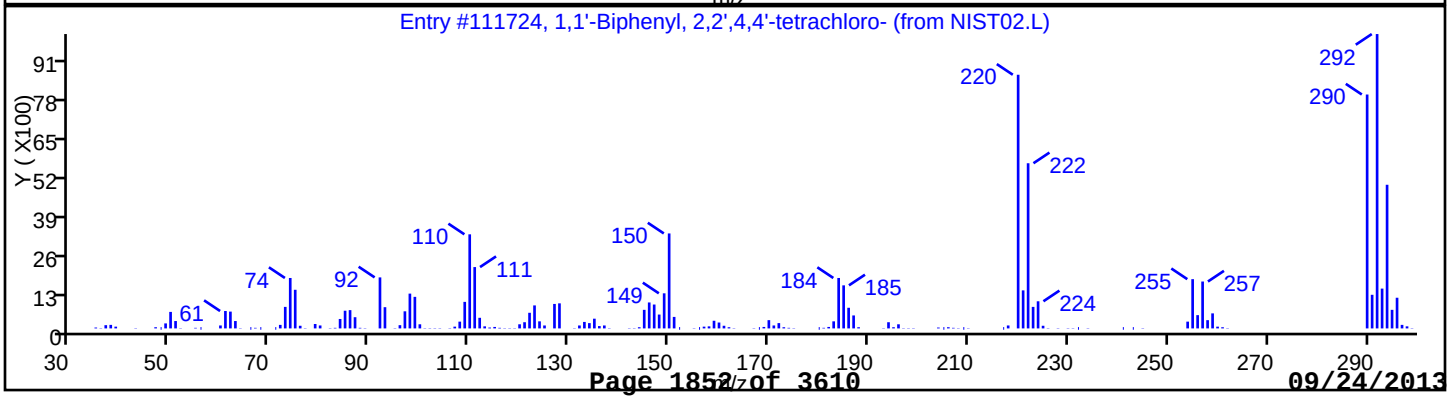
Injection Date:	19-Sep-2013 23:36:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-14SE-VS	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	25
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	99
1,1'-Biphenyl, 2,3',4',6-tetrachloro-	41464-46-4	NIST02.L	111723	99
1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	2437-79-8	NIST02.L	111724	99









FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-VD | Lab Sample ID: 460-62993-14

Matrix: Solid | Lab File ID: 112714.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:40

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 22:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	46	U	340	46
95-57-8	2-Chlorophenol	45	U	340	45
95-48-7	2-Methylphenol	58	U	340	58
106-44-5	4-Methylphenol	67	U	340	67
100-52-7	Benzaldehyde	40	U	340	40
98-86-2	Acetophenone	52	U	340	52
111-44-4	Bis(2-chloroethyl)ether	4.7	U	34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	340	38
621-64-7	N-Nitrosodi-n-propylamine	5.7	U	34	5.7
98-95-3	Nitrobenzene	4.9	U	34	4.9
67-72-1	Hexachloroethane	3.8	U	34	3.8
78-59-1	Isophorone	41	U	340	41
88-75-5	2-Nitrophenol	38	U	340	38
105-67-9	2,4-Dimethylphenol	84	U	340	84
120-83-2	2,4-Dichlorophenol	50	U	340	50
111-91-1	Bis(2-chloroethoxy)methane	44	U	340	44
91-20-3	Naphthalene	40	U	340	40
106-47-8	4-Chloroaniline	91	U	340	91
87-68-3	Hexachlorobutadiene	8.3	U	69	8.3
105-60-2	Caprolactam	79	U	340	79
59-50-7	4-Chloro-3-methylphenol	52	U	340	52
91-57-6	2-Methylnaphthalene	44	U	340	44
118-74-1	Hexachlorobenzene	4.7	U	34	4.7
77-47-4	Hexachlorocyclopentadiene	40	U	340	40
88-06-2	2,4,6-Trichlorophenol	40	U	340	40
95-95-4	2,4,5-Trichlorophenol	44	U	340	44
92-52-4	Diphenyl	46	U	340	46
91-58-7	2-Chloronaphthalene	38	U	340	38
88-74-4	2-Nitroaniline	140	U	690	140
606-20-2	2,6-Dinitrotoluene	10	U	69	10
131-11-3	Dimethyl phthalate	41	U	340	41
208-96-8	Acenaphthylene	40	U	340	40
99-09-2	3-Nitroaniline	120	U	690	120
83-32-9	Acenaphthene	50	U	340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-VD | Lab Sample ID: 460-62993-14

Matrix: Solid | Lab File ID: 112714.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:40

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 22:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	41	U	340	41
86-73-7	Fluorene	44	U	340	44
206-44-0	Fluoranthene	46	U	340	46
84-74-2	Di-n-butyl phthalate	42	U	340	42
121-14-2	2,4-Dinitrotoluene	11	U	69	11
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	110	U	690	110
534-52-1	4,6-Dinitro-2-methylphenol	93	U	1000	93
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
1912-24-9	Atrazine	53	U	340	53
120-12-7	Anthracene	42	U	340	42
86-74-8	Carbazole	40	U	340	40
85-01-8	Phenanthrene	44	U	340	44
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	29	U	340	29
218-01-9	Chrysene	40	U	340	40
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
191-24-2	Benzo[g,h,i]perylene	25	U	340	25
205-99-2	Benzo[b]fluoranthene	2.2	U	34	2.2
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	340	34
85-68-7	Butyl benzyl phthalate	31	U	340	31
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
117-84-0	Di-n-octyl phthalate	22	U	340	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	34	6.4
53-70-3	Dibenz(a,h)anthracene	4.3	U	34	4.3
91-94-1	3,3'-Dichlorobenzidine	120	U	690	120
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	340	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-VD | Lab Sample ID: 460-62993-14

Matrix: Solid | Lab File ID: 112714.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:40

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 22:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	74		38-105
4165-62-2	Phenol-d5	79		41-118
1718-51-0	Terphenyl-d14	86		16-151
118-79-6	2,4,6-Tribromophenol	65		10-120
367-12-4	2-Fluorophenol	84		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-VD Lab Sample ID: 460-62993-14

Matrix: Solid Lab File ID: 112714.D

Analysis Method: 8270C Date Collected: 09/13/2013 09:40

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.03(g) Date Analyzed: 09/19/2013 22:11

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

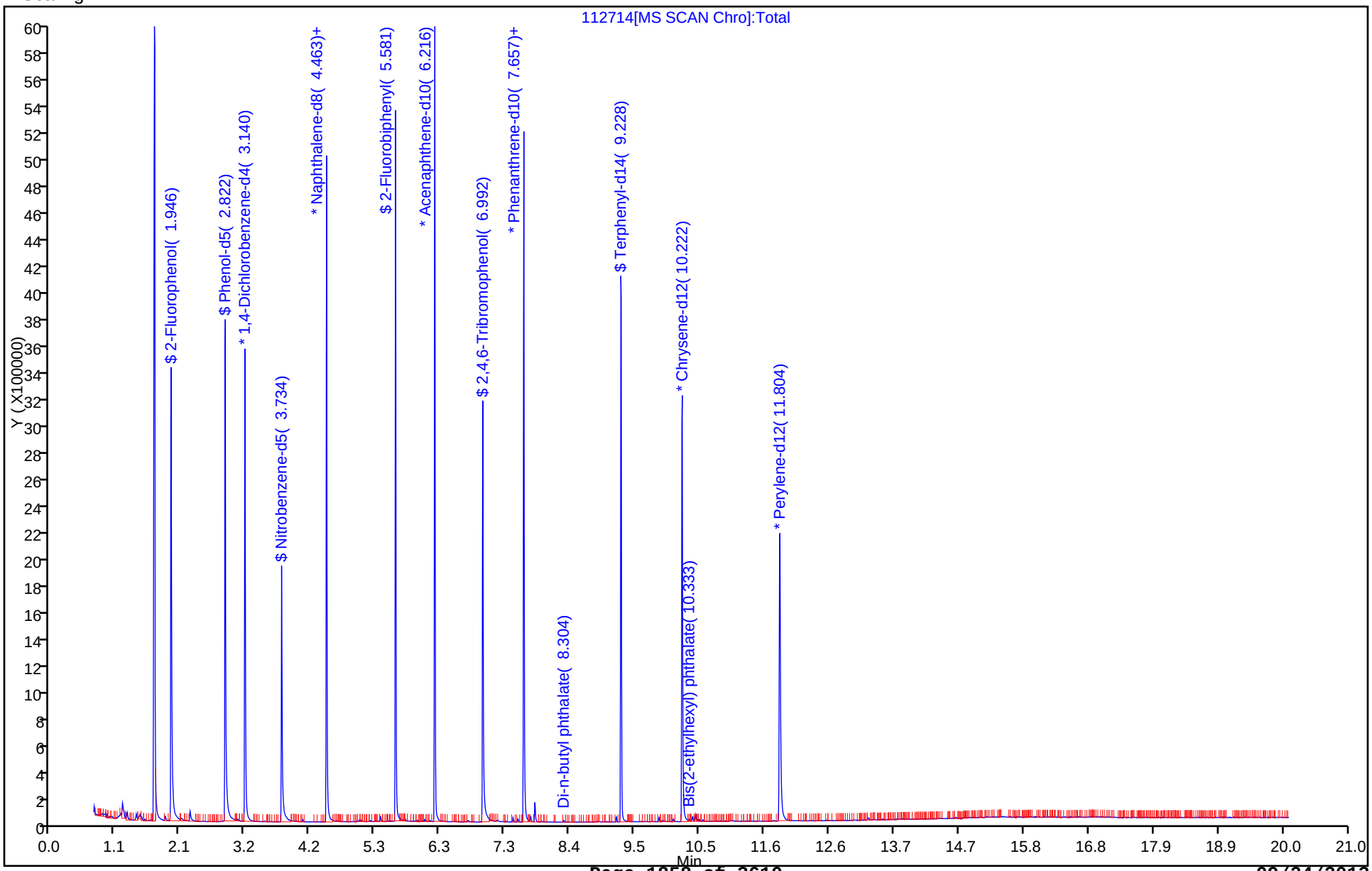
Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112714.D		
Lims ID:	460-62993-E-14-C	Client ID:	PMP-14SE-VD
Inject. Date:	19-Sep-2013 22:11:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004813-022		
Misc. Info.:	460-62993-E-14-C		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	22
Lims Batch ID:	182161	Lims Sample ID:	22
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m		
Last Update:	20-Sep-2013 11:43:38	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: ranav		Date:	20-Sep-2013 10:34:19

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	1.946	1.934	0.012	95	1172193	84.2	
$ 6 Phenol-d5	99	2.822	2.828	-0.006	99	1483799	78.6	
* 13 1,4-Dichlorobenzene-d4	152	3.140	3.140	0.0	95	560270	40.0	
$ 25 Nitrobenzene-d5	82	3.734	3.740	-0.006	88	662871	36.8	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	2142264	40.0	
$ 48 2-Fluorobiphenyl	172	5.581	5.581	0.0	97	1517953	38.5	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	94	1165666	40.0	
$ 76 2,4,6-Tribromophenol	330	6.992	6.992	0.0	92	472719	64.6	
* 83 Phenanthrene-d10	188	7.657	7.657	0.0	98	1800610	40.0	
87 Di-n-butyl phthalate	149	8.304	8.298	0.006	79	7782	0.1334	
$ 91 Terphenyl-d14	244	9.233	9.227	0.006	100	1345539	42.9	
* 96 Chrysene-d12	240	10.222	10.221	0.001	99	1325216	40.0	
98 Bis(2-ethylhexyl) phthalate	149	10.327	10.333	-0.006	54	3558	0.1336	
* 103 Perylene-d12	264	11.804	11.804	0.0	98	1239333	40.0	

Report Date: 20-Sep-2013 11:43:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112714.D		
Injection Date:	19-Sep-2013 22:11:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-14SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	22
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-WT | Lab Sample ID: 460-62993-15

Matrix: Solid | Lab File ID: 112703.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:45

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 16:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	46	U	340	46
95-57-8	2-Chlorophenol	45	U	340	45
95-48-7	2-Methylphenol	58	U	340	58
106-44-5	4-Methylphenol	67	U	340	67
100-52-7	Benzaldehyde	40	U	340	40
98-86-2	Acetophenone	53	U	340	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	340	38
621-64-7	N-Nitrosodi-n-propylamine	5.7	U	34	5.7
98-95-3	Nitrobenzene	4.9	U	34	4.9
67-72-1	Hexachloroethane	3.8	U	34	3.8
78-59-1	Isophorone	42	U	340	42
88-75-5	2-Nitrophenol	38	U	340	38
105-67-9	2,4-Dimethylphenol	84	U	340	84
120-83-2	2,4-Dichlorophenol	50	U	340	50
111-91-1	Bis(2-chloroethoxy)methane	44	U	340	44
91-20-3	Naphthalene	40	U	340	40
106-47-8	4-Chloroaniline	91	U	340	91
87-68-3	Hexachlorobutadiene	8.4	U	69	8.4
105-60-2	Caprolactam	79	U	340	79
59-50-7	4-Chloro-3-methylphenol	52	U	340	52
91-57-6	2-Methylnaphthalene	44	U	340	44
118-74-1	Hexachlorobenzene	4.7	U	34	4.7
77-47-4	Hexachlorocyclopentadiene	40	U	340	40
88-06-2	2,4,6-Trichlorophenol	40	U	340	40
95-95-4	2,4,5-Trichlorophenol	44	U	340	44
92-52-4	Diphenyl	46	U	340	46
91-58-7	2-Chloronaphthalene	38	U	340	38
88-74-4	2-Nitroaniline	140	U	690	140
606-20-2	2,6-Dinitrotoluene	10	U	69	10
131-11-3	Dimethyl phthalate	41	U	340	41
208-96-8	Acenaphthylene	40	U	340	40
99-09-2	3-Nitroaniline	120	U	690	120
83-32-9	Acenaphthene	50	U	340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-WT | Lab Sample ID: 460-62993-15

Matrix: Solid | Lab File ID: 112703.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:45

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 16:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	41	U	340	41
86-73-7	Fluorene	44	U	340	44
206-44-0	Fluoranthene	46	U	340	46
84-74-2	Di-n-butyl phthalate	42	U	340	42
121-14-2	2,4-Dinitrotoluene	11	U	69	11
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	110	U	690	110
534-52-1	4,6-Dinitro-2-methylphenol	93	U	1000	93
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
1912-24-9	Atrazine	53	U	340	53
120-12-7	Anthracene	42	U	340	42
86-74-8	Carbazole	40	U	340	40
85-01-8	Phenanthrene	44	U	340	44
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	29	U	340	29
218-01-9	Chrysene	40	U	340	40
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
191-24-2	Benzo[g,h,i]perylene	25	U	340	25
205-99-2	Benzo[b]fluoranthene	2.2	U	34	2.2
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	340	34
85-68-7	Butyl benzyl phthalate	31	U	340	31
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
117-84-0	Di-n-octyl phthalate	22	U	340	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	34	6.4
53-70-3	Dibenz(a,h)anthracene	4.3	U	34	4.3
91-94-1	3,3'-Dichlorobenzidine	120	U	690	120
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	340	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-WT Lab Sample ID: 460-62993-15

Matrix: Solid Lab File ID: 112703.D

Analysis Method: 8270C Date Collected: 09/13/2013 09:45

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 16:58

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	83		38-105
4165-62-2	Phenol-d5	88		41-118
1718-51-0	Terphenyl-d14	97		16-151
118-79-6	2,4,6-Tribromophenol	74		10-120
367-12-4	2-Fluorophenol	95		37-125
321-60-8	2-Fluorobiphenyl	86		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-WT Lab Sample ID: 460-62993-15

Matrix: Solid Lab File ID: 112703.D

Analysis Method: 8270C Date Collected: 09/13/2013 09:45

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 16:58

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

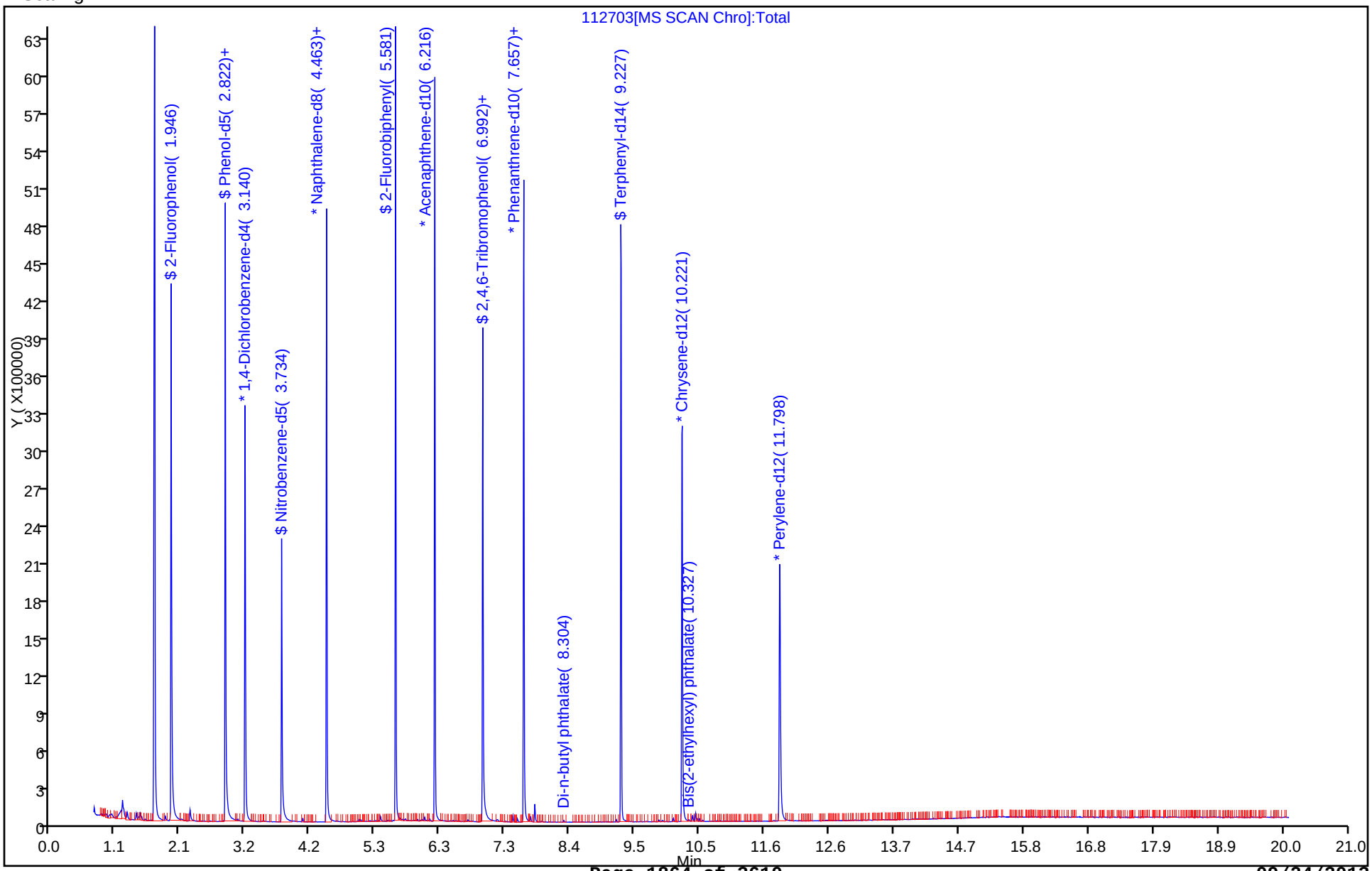
Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112703.D		
Lims ID:	460-62993-E-15-C	Client ID:	PMP-14SE-WT
Inject. Date:	19-Sep-2013 16:58:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004813-011		
Misc. Info.:	460-62993-E-15-C		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	182161	Lims Sample ID:	11
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m		
Last Update:	20-Sep-2013 11:41:44	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: ranav		Date:	20-Sep-2013 10:09:45

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	1.946	1.934	0.012	95	1327771	95.1	
$ 6 Phenol-d5	99	2.822	2.828	-0.006	98	1673473	88.4	
* 13 1,4-Dichlorobenzene-d4	152	3.140	3.140	0.0	96	561559	40.0	
$ 25 Nitrobenzene-d5	82	3.734	3.740	-0.006	88	751290	41.7	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	2141329	40.0	
$ 48 2-Fluorobiphenyl	172	5.581	5.581	0.0	97	1703565	42.8	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	94	1177236	40.0	
$ 76 2,4,6-Tribromophenol	330	6.992	6.992	0.0	92	549657	74.4	
* 83 Phenanthrene-d10	188	7.657	7.657	0.0	98	1801620	40.0	
87 Di-n-butyl phthalate	149	8.304	8.298	0.006	93	8585	0.1471	
$ 91 Terphenyl-d14	244	9.227	9.227	0.0	99	1522064	48.7	
* 96 Chrysene-d12	240	10.221	10.221	0.0	99	1318956	40.0	
98 Bis(2-ethylhexyl) phthalate	149	10.327	10.333	-0.006	51	3063	0.1155	
* 103 Perylene-d12	264	11.804	11.804	0.0	99	1172099	40.0	

Report Date: 20-Sep-2013 11:43:10 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112703.D		
Injection Date:	19-Sep-2013 16:58:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-14SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	11
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-VS | Lab Sample ID: 460-62993-16

Matrix: Solid | Lab File ID: 112716.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:50

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.04(g) | Date Analyzed: 09/19/2013 23:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	59	U	350	59
106-44-5	4-Methylphenol	69	U	350	69
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
98-95-3	Nitrobenzene	5.0	U	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	42	U	350	42
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	86	U	350	86
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	40	U	350	40
106-47-8	4-Chloroaniline	92	U	350	92
87-68-3	Hexachlorobutadiene	8.5	U	71	8.5
105-60-2	Caprolactam	80	U	350	80
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	710	150
606-20-2	2,6-Dinitrotoluene	11	U	71	11
131-11-3	Dimethyl phthalate	41	U	350	41
208-96-8	Acenaphthylene	41	U	350	41
99-09-2	3-Nitroaniline	120	U	710	120
83-32-9	Acenaphthene	51	U	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-VS | Lab Sample ID: 460-62993-16

Matrix: Solid | Lab File ID: 112716.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:50

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.04(g) | Date Analyzed: 09/19/2013 23:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1100	220
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	41	U	350	41
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	46	U	350	46
84-74-2	Di-n-butyl phthalate	100	J	350	43
121-14-2	2,4-Dinitrotoluene	11	U	71	11
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
534-52-1	4,6-Dinitro-2-methylphenol	95	U	1100	95
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	54	U	350	54
120-12-7	Anthracene	42	U	350	42
86-74-8	Carbazole	41	U	350	41
85-01-8	Phenanthrene	44	U	350	44
87-86-5	Pentachlorophenol	100	U	1100	100
129-00-0	Pyrene	29	U	350	29
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.6	U	35	2.6
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	350	34
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	350	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-VS | Lab Sample ID: 460-62993-16

Matrix: Solid | Lab File ID: 112716.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:50

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.04(g) | Date Analyzed: 09/19/2013 23:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	80		38-105
4165-62-2	Phenol-d5	86		41-118
1718-51-0	Terphenyl-d14	91		16-151
118-79-6	2,4,6-Tribromophenol	62		10-120
367-12-4	2-Fluorophenol	91		37-125
321-60-8	2-Fluorobiphenyl	85		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-VS Lab Sample ID: 460-62993-16

Matrix: Solid Lab File ID: 112716.D

Analysis Method: 8270C Date Collected: 09/13/2013 09:50

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.04(g) Date Analyzed: 09/19/2013 23:08

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 640

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	13.24	640	J

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112716.D		
Lims ID:	460-62993-E-16-C	Client ID:	PMP-25SE-VS
Inject. Date:	19-Sep-2013 23:08:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004813-024		
Misc. Info.:	460-62993-E-16-C		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	24
Lims Batch ID:	182161	Lims Sample ID:	24
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m		
Last Update:	20-Sep-2013 11:43:38	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: ranav		Date:	20-Sep-2013 10:46:33

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	1.940	1.934	0.006	96	1137400	90.5	
$ 6 Phenol-d5	99	2.816	2.828	-0.012	99	1458089	85.5	
* 13 1,4-Dichlorobenzene-d4	152	3.140	3.140	0.0	96	505715	40.0	
$ 25 Nitrobenzene-d5	82	3.734	3.740	-0.006	88	649031	39.8	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	1939078	40.0	
$ 48 2-Fluorobiphenyl	172	5.581	5.581	0.0	97	1501221	42.6	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	94	1044348	40.0	
$ 76 2,4,6-Tribromophenol	330	6.992	6.992	0.0	92	408679	62.3	
* 83 Phenanthrene-d10	188	7.657	7.657	0.0	98	1594658	40.0	
87 Di-n-butyl phthalate	149	8.298	8.298	0.0	99	74191	1.44	
$ 91 Terphenyl-d14	244	9.228	9.227	0.001	99	1354072	45.5	
* 96 Chrysene-d12	240	10.216	10.221	-0.005	99	1256010	40.0	
98 Bis(2-ethylhexyl) phthalate	149	10.327	10.333	-0.006	77	7453	0.2952	
* 103 Perylene-d12	264	11.798	11.804	-0.006	98	1157787	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112716.D		
Lims ID:	460-62993-E-16-C	Client ID:	PMP-25SE-VS
Inject. Date:	19-Sep-2013 23:08:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004813-024		
Misc. Info.:	460-62993-E-16-C		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	24
Lims Batch ID:	182161	Lims Sample ID:	24
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m		
Last Update:	20-Sep-2013 11:43:38	Calib Date:	16-Sep-2013 20:10:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	75		
Process Host:	XAWRK008		
First Level Reviewer: ranav		Date:	20-Sep-2013 10:46:33

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
		Unknown				
13.239	727474	9.10	103			

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 103 Perylene-d12	11.798	3196086	40.0

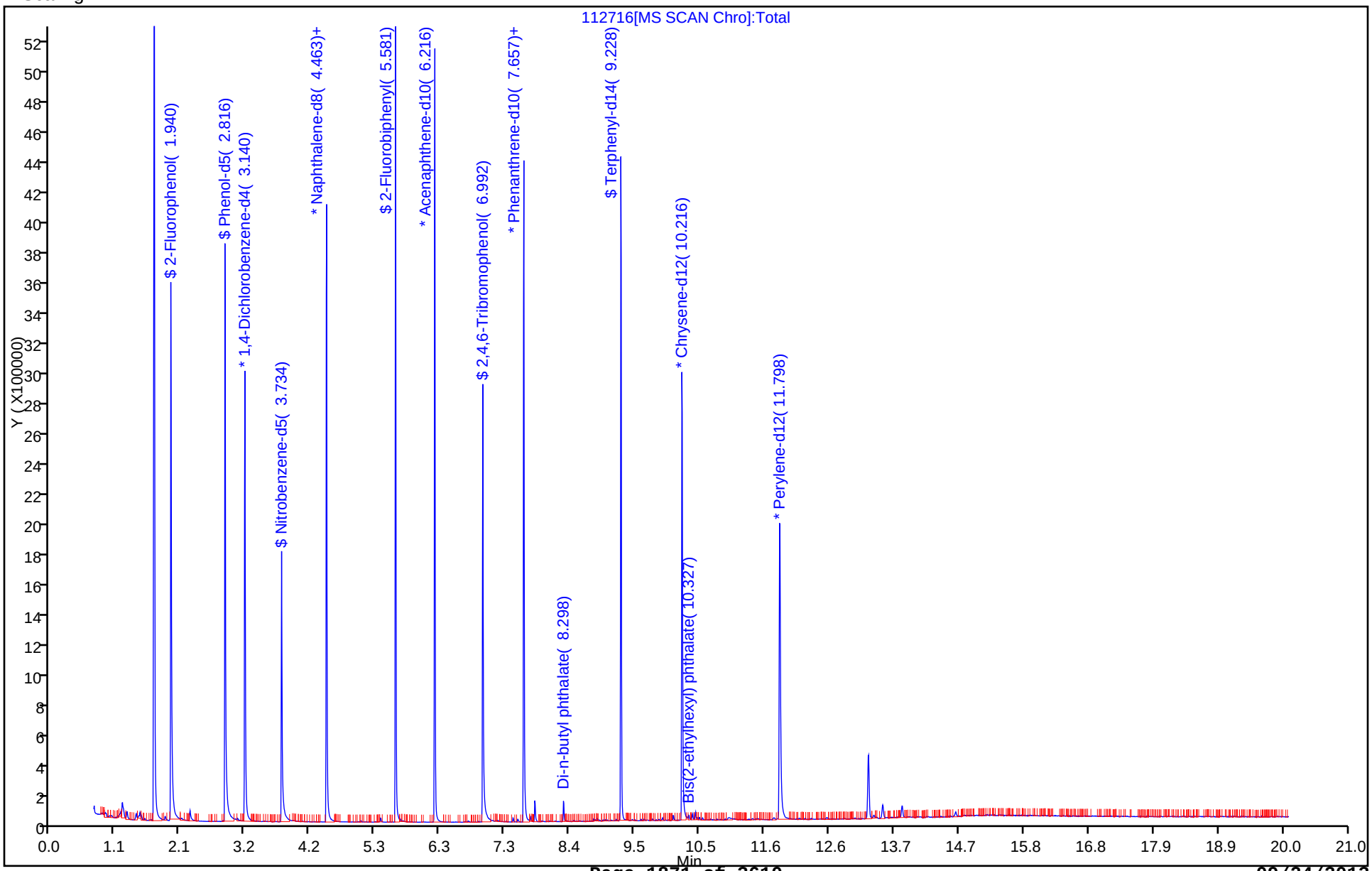
QC Flag Legend

Processing Flags

Report Date: 20-Sep-2013 11:43:48 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112716.D		
Injection Date:	19-Sep-2013 23:08:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-25SE-VS	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	24
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



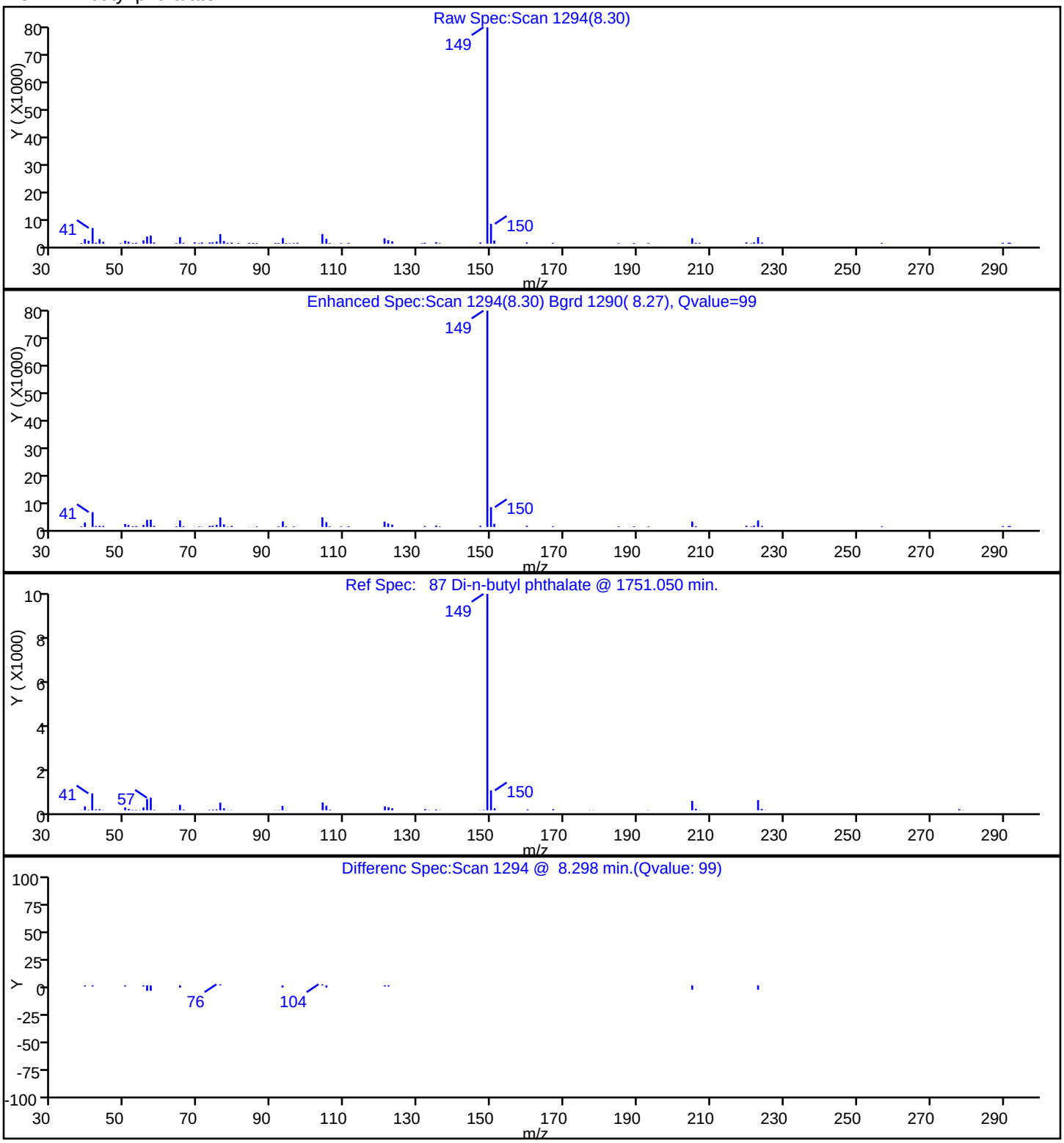
Report Date: 20-Sep-2013 11:43:48 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112716.D

Injection Date:	19-Sep-2013 23:08:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-25SE-VS	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	24
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

87 Di-n-butyl phthalate

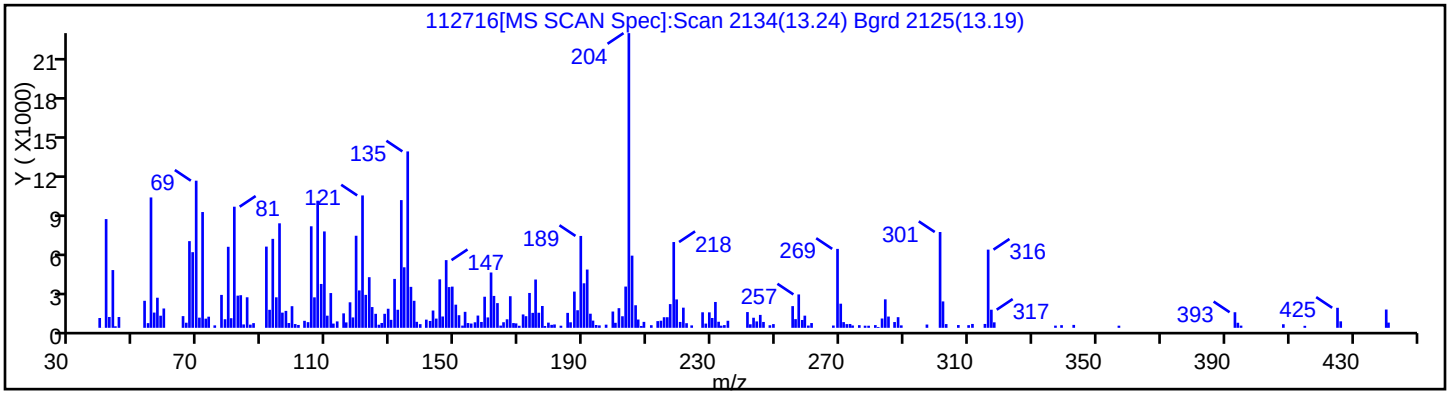


Report Date: 20-Sep-2013 11:43:48 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112716.D		
Injection Date:	19-Sep-2013 23:08:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-25SE-VS	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	24
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

No Library Matches Found above the Threshold: 75



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-VD | Lab Sample ID: 460-62993-17

Matrix: Solid | Lab File ID: 112704.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:55

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 17:27

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.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	59	U	350	59
106-44-5	4-Methylphenol	68	U	350	68
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	53	U	350	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	35	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	350	38
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
98-95-3	Nitrobenzene	4.9	U	35	4.9
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	42	U	350	42
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	85	U	350	85
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	40	U	350	40
106-47-8	4-Chloroaniline	92	U	350	92
87-68-3	Hexachlorobutadiene	8.5	U	70	8.5
105-60-2	Caprolactam	80	U	350	80
59-50-7	4-Chloro-3-methylphenol	52	U	350	52
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.7	U	35	4.7
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	46	U	350	46
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	140	U	700	140
606-20-2	2,6-Dinitrotoluene	10	U	70	10
131-11-3	Dimethyl phthalate	41	U	350	41
208-96-8	Acenaphthylene	41	U	350	41
99-09-2	3-Nitroaniline	120	U	700	120
83-32-9	Acenaphthene	50	U	350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-VD | Lab Sample ID: 460-62993-17

Matrix: Solid | Lab File ID: 112704.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:55

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 17:27

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.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	200	U	1000	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	41	U	350	41
86-73-7	Fluorene	44	U	350	44
206-44-0	Fluoranthene	46	U	350	46
84-74-2	Di-n-butyl phthalate	43	U	350	43
121-14-2	2,4-Dinitrotoluene	11	U	70	11
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	700	110
534-52-1	4,6-Dinitro-2-methylphenol	94	U	1000	94
101-55-3	4-Bromophenyl phenyl ether	34	U	350	34
1912-24-9	Atrazine	54	U	350	54
120-12-7	Anthracene	42	U	350	42
86-74-8	Carbazole	41	U	350	41
85-01-8	Phenanthrene	44	U	350	44
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	29	U	350	29
218-01-9	Chrysene	40	U	350	40
207-08-9	Benzo[k]fluoranthene	2.6	U	35	2.6
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	350	34
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	35	6.4
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	350	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-VD Lab Sample ID: 460-62993-17

Matrix: Solid Lab File ID: 112704.D

Analysis Method: 8270C Date Collected: 09/13/2013 09:55

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 17:27

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.: 182161 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	79		38-105
4165-62-2	Phenol-d5	87		41-118
1718-51-0	Terphenyl-d14	93		16-151
118-79-6	2,4,6-Tribromophenol	77		10-120
367-12-4	2-Fluorophenol	93		37-125
321-60-8	2-Fluorobiphenyl	84		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-VD Lab Sample ID: 460-62993-17

Matrix: Solid Lab File ID: 112704.D

Analysis Method: 8270C Date Collected: 09/13/2013 09:55

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 17:27

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.: 182161 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

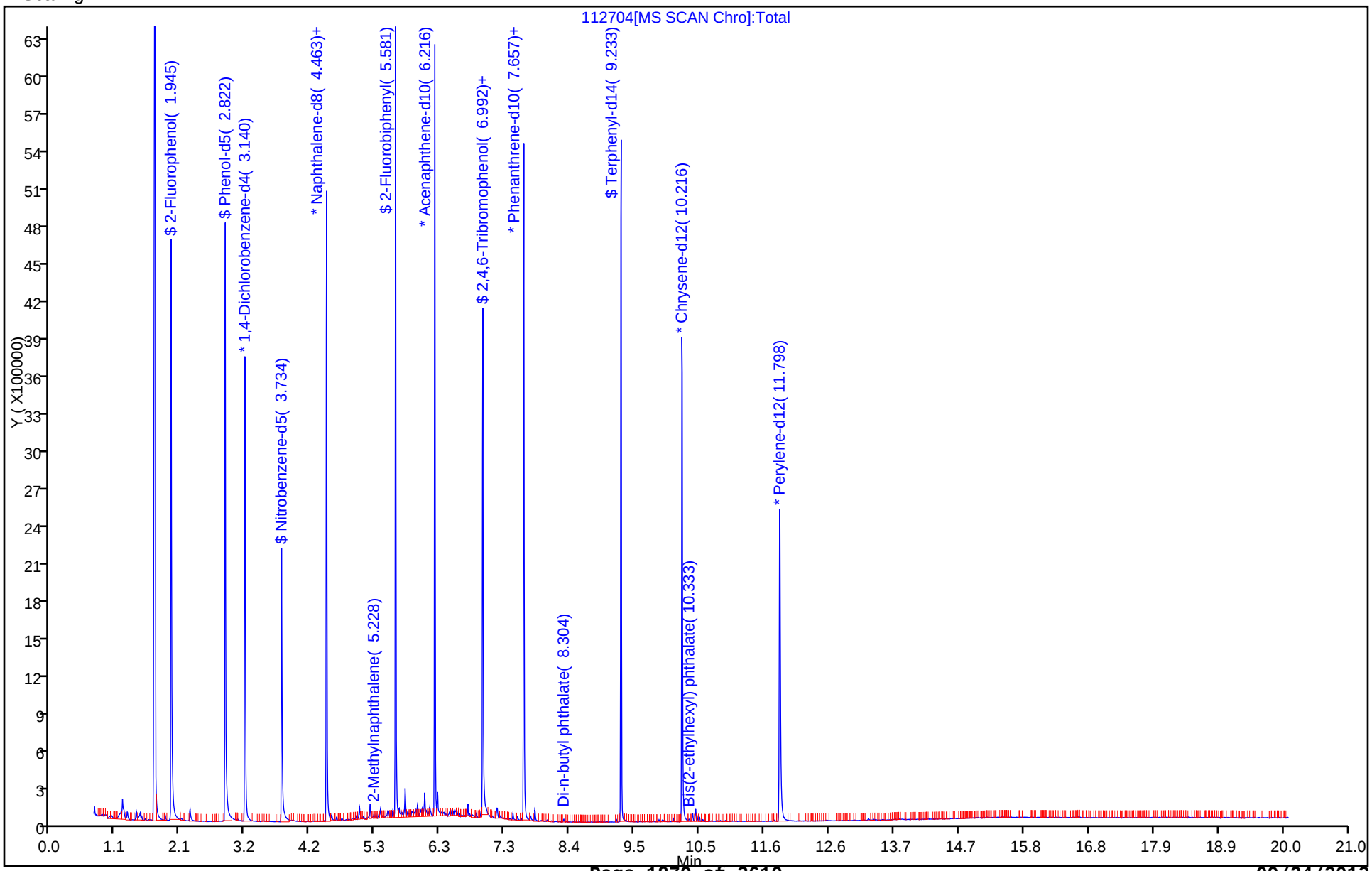
Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112704.D		
Lims ID:	460-62993-E-17-C	Client ID:	PMP-25SE-VD
Inject. Date:	19-Sep-2013 17:27:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004813-012		
Misc. Info.:	460-62993-E-17-C		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	12
Lims Batch ID:	182161	Lims Sample ID:	12
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m		
Last Update:	20-Sep-2013 11:41:44	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: ranav		Date:	20-Sep-2013 10:10:56

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	1.945	1.934	0.011	95	1361553	93.4	
$ 6 Phenol-d5	99	2.822	2.828	-0.006	98	1714389	86.6	
* 13 1,4-Dichlorobenzene-d4	152	3.140	3.140	0.0	95	586890	40.0	
$ 25 Nitrobenzene-d5	82	3.734	3.740	-0.006	88	745907	39.5	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	2242599	40.0	
41 2-Methylnaphthalene	142	5.228	5.192	0.036	80	5740	0.1580	
$ 48 2-Fluorobiphenyl	172	5.581	5.581	0.0	97	1716407	42.2	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	94	1204442	40.0	
$ 76 2,4,6-Tribromophenol	330	6.992	6.992	0.0	91	583533	77.2	
* 83 Phenanthrene-d10	188	7.657	7.657	0.0	98	1823292	40.0	
87 Di-n-butyl phthalate	149	8.304	8.298	0.006	90	10518	0.1780	
$ 91 Terphenyl-d14	244	9.233	9.227	0.006	99	1684729	46.7	
* 96 Chrysene-d12	240	10.216	10.221	-0.005	99	1523104	40.0	
98 Bis(2-ethylhexyl) phthalate	149	10.333	10.333	0.0	60	3667	0.1198	
* 103 Perylene-d12	264	11.804	11.804	0.0	99	1365079	40.0	

Report Date: 20-Sep-2013 11:43:11 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112704.D		
Injection Date:	19-Sep-2013 17:27:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-25SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	12
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-WT | Lab Sample ID: 460-62993-18

Matrix: Solid | Lab File ID: 112705.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 17:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	51	U	380	51
95-57-8	2-Chlorophenol	50	U	380	50
95-48-7	2-Methylphenol	64	U	380	64
106-44-5	4-Methylphenol	74	U	380	74
100-52-7	Benzaldehyde	44	U	380	44
98-86-2	Acetophenone	58	U	380	58
111-44-4	Bis(2-chloroethyl)ether	5.1	U	38	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	380	42
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	38	6.3
98-95-3	Nitrobenzene	5.4	U	38	5.4
67-72-1	Hexachloroethane	4.2	U	38	4.2
78-59-1	Isophorone	46	U	380	46
88-75-5	2-Nitrophenol	42	U	380	42
105-67-9	2,4-Dimethylphenol	93	U	380	93
120-83-2	2,4-Dichlorophenol	55	U	380	55
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
91-20-3	Naphthalene	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.2	U	76	9.2
105-60-2	Caprolactam	87	U	380	87
59-50-7	4-Chloro-3-methylphenol	57	U	380	57
91-57-6	2-Methylnaphthalene	48	U	380	48
118-74-1	Hexachlorobenzene	5.1	U	38	5.1
77-47-4	Hexachlorocyclopentadiene	44	U	380	44
88-06-2	2,4,6-Trichlorophenol	44	U	380	44
95-95-4	2,4,5-Trichlorophenol	49	U	380	49
92-52-4	Diphenyl	50	U	380	50
91-58-7	2-Chloronaphthalene	42	U	380	42
88-74-4	2-Nitroaniline	160	U	760	160
606-20-2	2,6-Dinitrotoluene	11	U	76	11
131-11-3	Dimethyl phthalate	45	U	380	45
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	130	U	760	130
83-32-9	Acenaphthene	55	U	380	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-WT | Lab Sample ID: 460-62993-18

Matrix: Solid | Lab File ID: 112705.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 17:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	44	U	380	44
84-66-2	Diethyl phthalate	45	U	380	45
86-73-7	Fluorene	48	U	380	48
206-44-0	Fluoranthene	50	U	380	50
84-74-2	Di-n-butyl phthalate	46	U	380	46
121-14-2	2,4-Dinitrotoluene	12	U	76	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	380	44
100-01-6	4-Nitroaniline	120	U	760	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	37	U	380	37
1912-24-9	Atrazine	58	U	380	58
120-12-7	Anthracene	46	U	380	46
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	48	U	380	48
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	32	U	380	32
218-01-9	Chrysene	44	U	380	44
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.6	U	38	2.6
86-30-6	N-Nitrosodiphenylamine	37	U	380	37
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	24	U	380	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.0	U	38	7.0
53-70-3	Dibenz(a,h)anthracene	4.7	U	38	4.7
91-94-1	3,3'-Dichlorobenzidine	130	U	760	130
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	380	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-WT | Lab Sample ID: 460-62993-18

Matrix: Solid | Lab File ID: 112705.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 17:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	73		38-105
4165-62-2	Phenol-d5	83		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	86		37-125
321-60-8	2-Fluorobiphenyl	78		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-WT | Lab Sample ID: 460-62993-18

Matrix: Solid | Lab File ID: 112705.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 17:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 24-Sep-2013 14:02:55 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112705.D
Lims ID: 460-62993-E-18-C Lab Sample ID:
Client ID: PMP-25SE-WT
Sample Type: Client
Inject. Date: 19-Sep-2013 17:55:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0004813-013
Misc. Info.: 460-62993-E-18-C
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m
Limit Group: SV 8270 ICAL
Last Update: 24-Sep-2013 14:02:55 Calib Date: 16-Sep-2013 20:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D

Column 1 : Detector MS SCAN
Process Host: XAWRK022

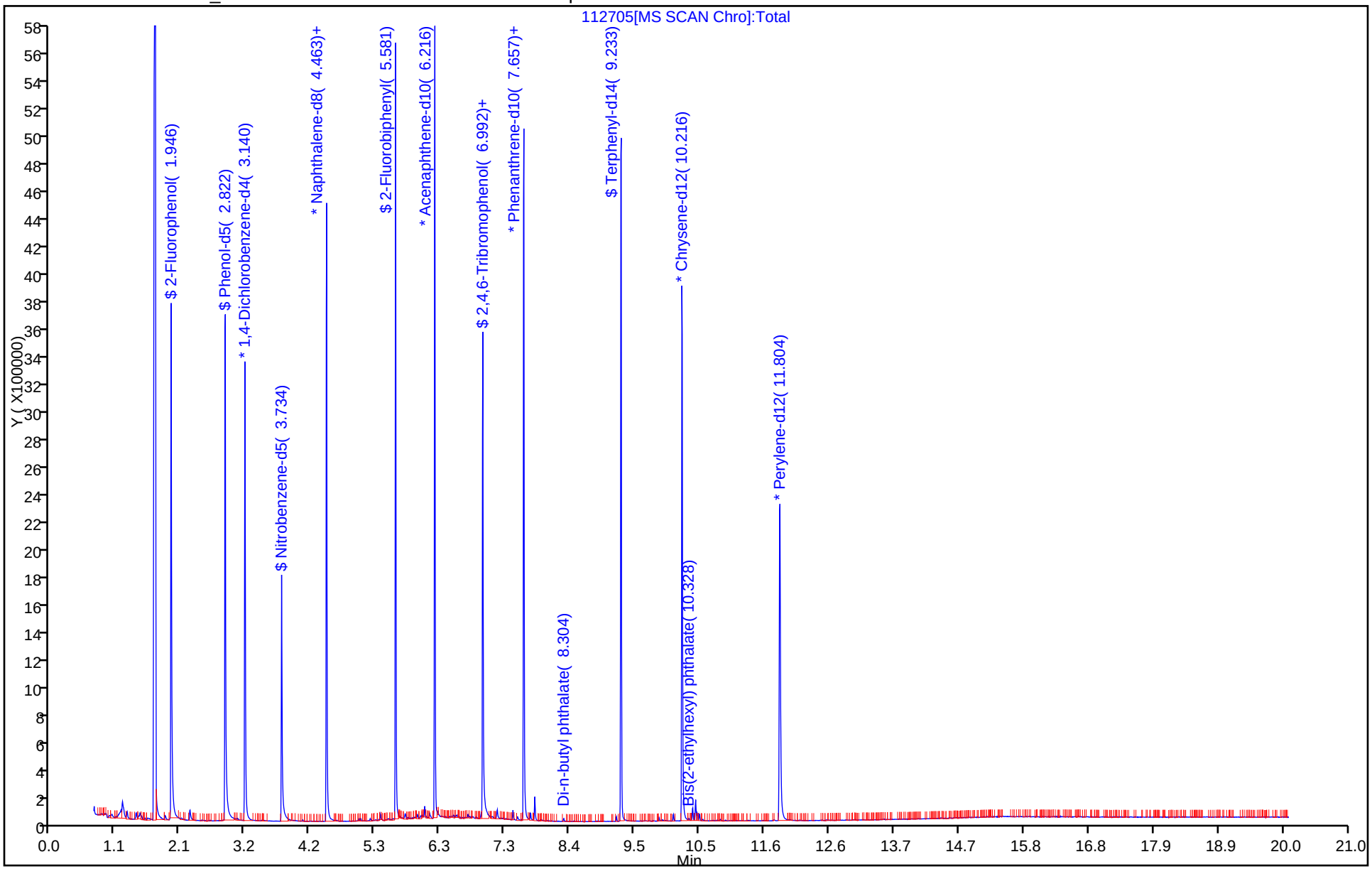
First Level Reviewer: bayoumiw Date: 24-Sep-2013 14:02:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	1.946	1.934	0.012	96	1157580	86.4	
$ 6 Phenol-d5	99	2.822	2.828	-0.006	98	1508975	83.0	
* 13 1,4-Dichlorobenzene-d4	152	3.140	3.140	0.0	95	539377	40.0	
$ 25 Nitrobenzene-d5	82	3.734	3.740	-0.006	88	633829	36.3	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	2074925	40.0	
$ 48 2-Fluorobiphenyl	172	5.581	5.581	0.0	97	1525672	39.1	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	94	1155624	40.0	
$ 76 2,4,6-Tribromophenol	330	6.992	6.992	0.0	92	519443	71.6	
* 83 Phenanthrene-d10	188	7.657	7.657	0.0	99	1864852	40.0	
87 Di-n-butyl phthalate	149	8.304	8.298	0.006	84	13011	0.2153	
$ 91 Terphenyl-d14	244	9.233	9.227	0.006	99	1615497	45.2	
* 96 Chrysene-d12	240	10.216	10.221	-0.005	99	1508664	40.0	
98 Bis(2-ethylhexyl) phthalate	149	10.328	10.333	-0.005	53	3466	0.1143	
* 103 Perylene-d12	264	11.804	11.804	0.0	98	1274712	40.0	

Report Date: 24-Sep-2013 14:02:55 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112705.D				
Injection Date:	19-Sep-2013 17:55:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-62993-E-18-C	Lab Sample ID:		Worklist Smp#:	13
Client ID:	PMP-25SE-WT				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270_12	Limit Group:	SV 8270 ICAL		



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-VD DL | Lab Sample ID: 460-62993-19 DL

Matrix: Solid | Lab File ID: 112734.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:10

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 08:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	470	U	3500	470
95-57-8	2-Chlorophenol	460	U	3500	460
95-48-7	2-Methylphenol	600	U	3500	600
106-44-5	4-Methylphenol	690	U	3500	690
100-52-7	Benzaldehyde	410	U	3500	410
98-86-2	Acetophenone	540	U	3500	540
111-44-4	Bis(2-chloroethyl)ether	48	U	350	48
108-60-1	2,2'-oxybis[1-chloropropane]	390	U	3500	390
621-64-7	N-Nitrosodi-n-propylamine	58	U	350	58
98-95-3	Nitrobenzene	50	U	350	50
67-72-1	Hexachloroethane	39	U	350	39
78-59-1	Isophorone	420	U	3500	420
88-75-5	2-Nitrophenol	390	U	3500	390
105-67-9	2,4-Dimethylphenol	860	U	3500	860
120-83-2	2,4-Dichlorophenol	510	U	3500	510
111-91-1	Bis(2-chloroethoxy)methane	450	U	3500	450
91-20-3	Naphthalene	410	U	3500	410
106-47-8	4-Chloroaniline	930	U	3500	930
87-68-3	Hexachlorobutadiene	85	U	710	85
105-60-2	Caprolactam	810	U	3500	810
59-50-7	4-Chloro-3-methylphenol	530	U	3500	530
91-57-6	2-Methylnaphthalene	450	U	3500	450
118-74-1	Hexachlorobenzene	48	U	350	48
77-47-4	Hexachlorocyclopentadiene	410	U	3500	410
88-06-2	2,4,6-Trichlorophenol	410	U	3500	410
95-95-4	2,4,5-Trichlorophenol	450	U	3500	450
92-52-4	Diphenyl	470	U	3500	470
91-58-7	2-Chloronaphthalene	390	U	3500	390
88-74-4	2-Nitroaniline	1500	U	7100	1500
606-20-2	2,6-Dinitrotoluene	110	U	710	110
131-11-3	Dimethyl phthalate	410	U	3500	410
208-96-8	Acenaphthylene	410	U	3500	410
99-09-2	3-Nitroaniline	1200	U	7100	1200
83-32-9	Acenaphthene	510	U	3500	510

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-VD DL | Lab Sample ID: 460-62993-19 DL

Matrix: Solid | Lab File ID: 112734.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:10

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 08:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	2300	U	11000	2300
51-28-5	2,4-Dinitrophenol	2000	U	11000	2000
132-64-9	Dibenzofuran	410	U	3500	410
84-66-2	Diethyl phthalate	420	U	3500	420
86-73-7	Fluorene	450	U	3500	450
206-44-0	Fluoranthene	470	U	3500	470
84-74-2	Di-n-butyl phthalate	430	U	3500	430
121-14-2	2,4-Dinitrotoluene	120	U	710	120
7005-72-3	4-Chlorophenyl phenyl ether	410	U	3500	410
100-01-6	4-Nitroaniline	1100	U	7100	1100
534-52-1	4,6-Dinitro-2-methylphenol	950	U	11000	950
101-55-3	4-Bromophenyl phenyl ether	350	U	3500	350
1912-24-9	Atrazine	540	U	3500	540
120-12-7	Anthracene	430	U	3500	430
86-74-8	Carbazole	410	U	3500	410
85-01-8	Phenanthrene	450	U	3500	450
87-86-5	Pentachlorophenol	1000	U	11000	1000
129-00-0	Pyrene	1700	J D	3500	290
218-01-9	Chrysene	410	U	3500	410
207-08-9	Benzo[k]fluoranthene	27	U	350	27
191-24-2	Benzo[g,h,i]perylene	260	U	3500	260
205-99-2	Benzo[b]fluoranthene	22	U	350	22
50-32-8	Benzo[a]pyrene	25	U	350	25
56-55-3	Benzo[a]anthracene	24	U	350	24
86-30-6	N-Nitrosodiphenylamine	340	U	3500	340
85-68-7	Butyl benzyl phthalate	320	U	3500	320
117-81-7	Bis(2-ethylhexyl) phthalate	1200	U	3500	1200
117-84-0	Di-n-octyl phthalate	220	U	3500	220
193-39-5	Indeno[1,2,3-cd]pyrene	65	U	350	65
53-70-3	Dibenz(a,h)anthracene	44	U	350	44
91-94-1	3,3'-Dichlorobenzidine	1200	U	7100	1200
95-94-3	1,2,4,5-Tetrachlorobenzene	470	U	3500	470
58-90-2	2,3,4,6-Tetrachlorophenol	450	U	3500	450

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-VD DL Lab Sample ID: 460-62993-19 DL

Matrix: Solid Lab File ID: 112734.D

Analysis Method: 8270C Date Collected: 09/13/2013 10:10

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.01(g) Date Analyzed: 09/20/2013 08:24

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182283 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	0	D	38-105
4165-62-2	Phenol-d5	0	D	41-118
1718-51-0	Terphenyl-d14	0	D	16-151
118-79-6	2,4,6-Tribromophenol	0	D	10-120
367-12-4	2-Fluorophenol	0	D	37-125
321-60-8	2-Fluorobiphenyl	0	D	40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-VD DL | Lab Sample ID: 460-62993-19 DL

Matrix: Solid | Lab File ID: 112734.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:10

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 08:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182283 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 315000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
544-76-3	Hexadecane	6.05	11000	D J N
	Trimethylnapthalene isomer	6.55	10000	D J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	6.97	33000	D J N
2717-39-7	1,4,5,8-Tetramethylnaphthalene	7.14	12000	D J N
504-44-9	Hexadecane, 2,6,11,15-tetramethyl-	7.23	73000	D J N
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	7.26	14000	D J N
613-33-2	4,4'-Dimethylbiphenyl	7.32	21000	D J N
272-31-1	1,2-Benzisoselenazole	7.36	11000	D J N
3891-98-3	Dodecane, 2,6,10-trimethyl-	7.40	14000	D J N
1000104-10-8	3-Methyl-4-(methoxycarbonyl)hexa-2,4-die	7.43	12000	D J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	7.62	11000	D J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	7.68	40000	D J N
629-59-4	Tetradecane	7.79	16000	D J N
	Unknown alkane	7.82	14000	D J
	Unknown alkane	8.03	23000	D J

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112734.D		
Lims ID:	460-62993-E-19-C	Client ID:	PMP-7SE-VD
Inject. Date:	20-Sep-2013 08:24:30	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004829-017		
Misc. Info.:			
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	182283	Lims Sample ID:	17
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\8270_12.m		
Last Update:	20-Sep-2013 15:50:55	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: croccom		Date:	20-Sep-2013 10:28:13

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
* 13 1,4-Dichlorobenzene-d4	152	3.140	3.140	0.0	95	321662	40.0	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	1256146	40.0	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	93	679975	40.0	
* 83 Phenanthrene-d10	188	7.657	7.657	0.0	98	1053712	40.0	
88 Fluoranthene	202	8.839	8.833	0.006	77	8209	0.2645	
90 Pyrene	202	9.045	9.039	0.006	96	78372	2.37	
* 96 Chrysene-d12	240	10.216	10.222	-0.006	99	1005785	40.0	
* 103 Perylene-d12	264	11.798	11.804	-0.006	98	1195161	40.0	

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Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112734.D		
Lims ID:	460-62993-E-19-C	Client ID:	PMP-7SE-VD
Inject. Date:	20-Sep-2013 08:24:30	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004829-017		
Misc. Info.:			
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	182283	Lims Sample ID:	17
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\8270_12.m		
Last Update:	20-Sep-2013 15:50:55	Calib Date:	16-Sep-2013 20:10:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	75		
Process Host:	XAWRK008		
First Level Reviewer: croccom		Date:	20-Sep-2013 10:28:13

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
	544-76-3 Hexadecane					
6.051	1276413	15.0	61	90	73967	
	Trimethylnapthalene isomer					
6.545	1267831	14.9	61	0	0	M
	3892-00-0 Pentadecane, 2,6,10-trimethyl-					
6.969	4529797	47.1	83	93	91053	M
	2717-39-7 1,4,5,8-Tetramethylnaphthalene					
7.139	1605888	16.7	83	95	45640	M
	504-44-9 Hexadecane, 2,6,11,15-tetramethyl-					
7.234	9962437	103.5	83	91	107665	M
	16605-91-7 1,1'-Biphenyl, 2,3-dichloro-					
7.257	1922063	20.0	83	86	70592	M
	613-33-2 4,4'-Dimethylbiphenyl					
7.316	2863431	29.7	83	90	44174	M
	272-31-1 1,2-Benzisoselenazole					
7.363	1458981	15.2	83	90	44907	M
	3891-98-3 Dodecane, 2,6,10-trimethyl-					
7.404	1969143	20.5	83	86	64590	M
	1000104-10-8 3-Methyl-4-(methoxycarbonyl)hexa-2,4-die					
7.433	1596343	16.6	83	90	45954	M
	38444-86-9 1,1'-Biphenyl, 2',3,4-trichloro-					
7.622	1453951	15.1	83	97	91793	M
	638-36-8 Hexadecane, 2,6,10,14-tetramethyl-					
7.681	5432071	56.4	83	91	107670	M

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
629-59-4 Tetradecane						
7.792	2178406	22.6	83	95	55010	M
Unknown alkane						
7.822	1943548	20.2	83	0	0	M
Unknown alkane						
8.028	3159827	32.8	83	0	0	M

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	6.216	3409142	40.0
* 83 Phenanthrene-d10	7.657	3850635	40.0

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

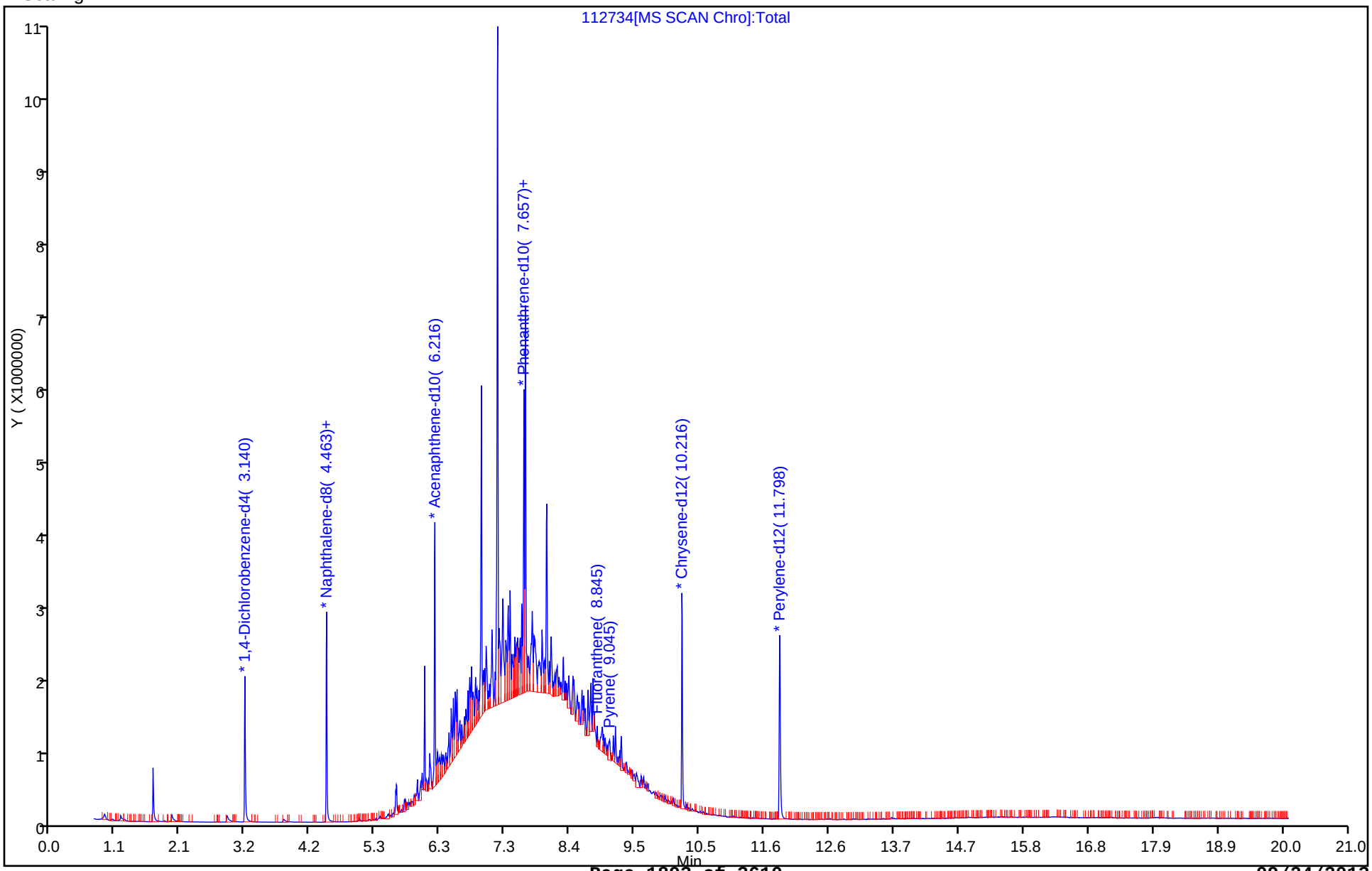
Report Date: 20-Sep-2013 15:52:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112734.D

Injection Date:	20-Sep-2013 08:24:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	17
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



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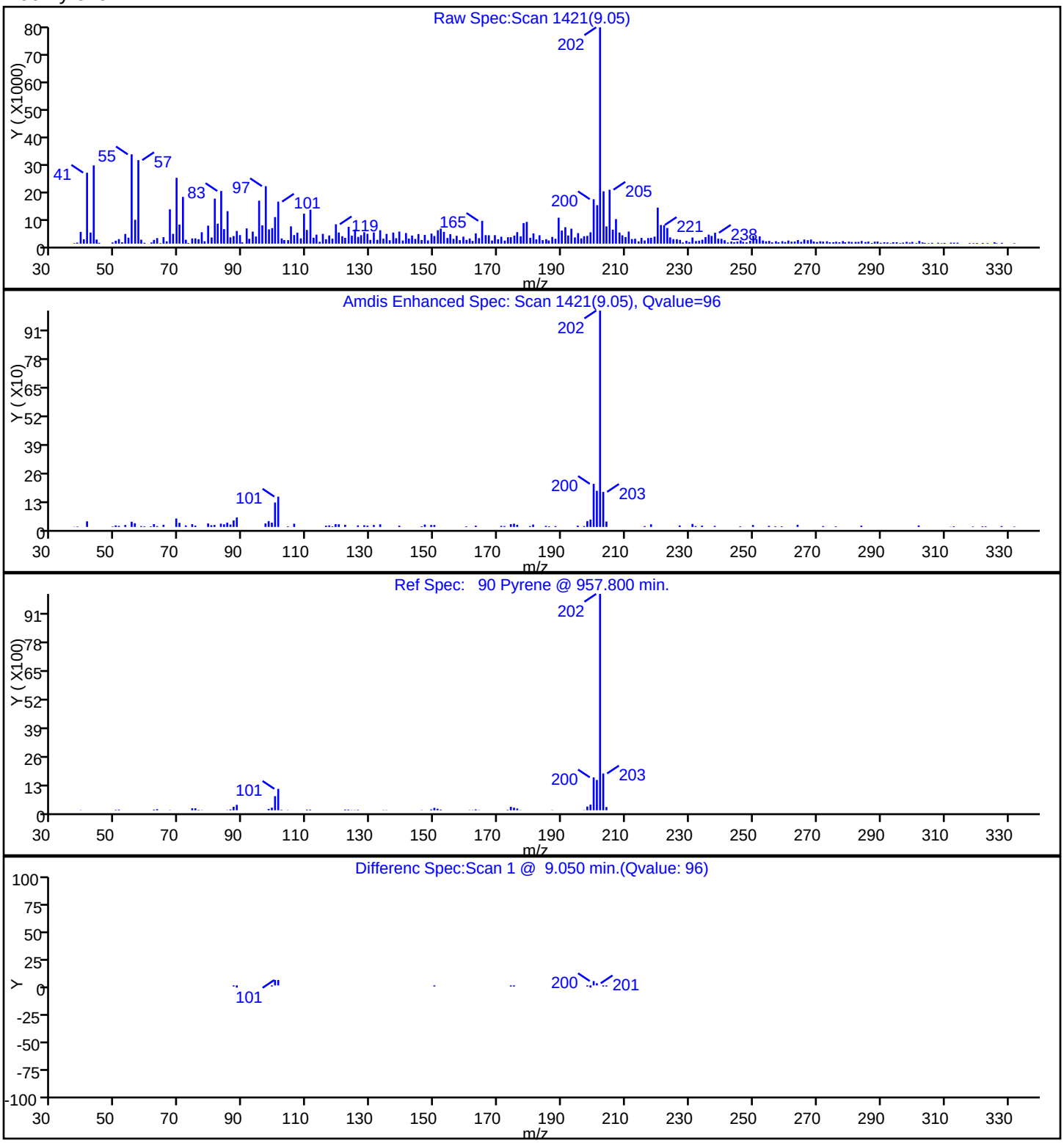
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112734.D		
Injection Date:	20-Sep-2013 08:24:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	17
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

90 Pyrene



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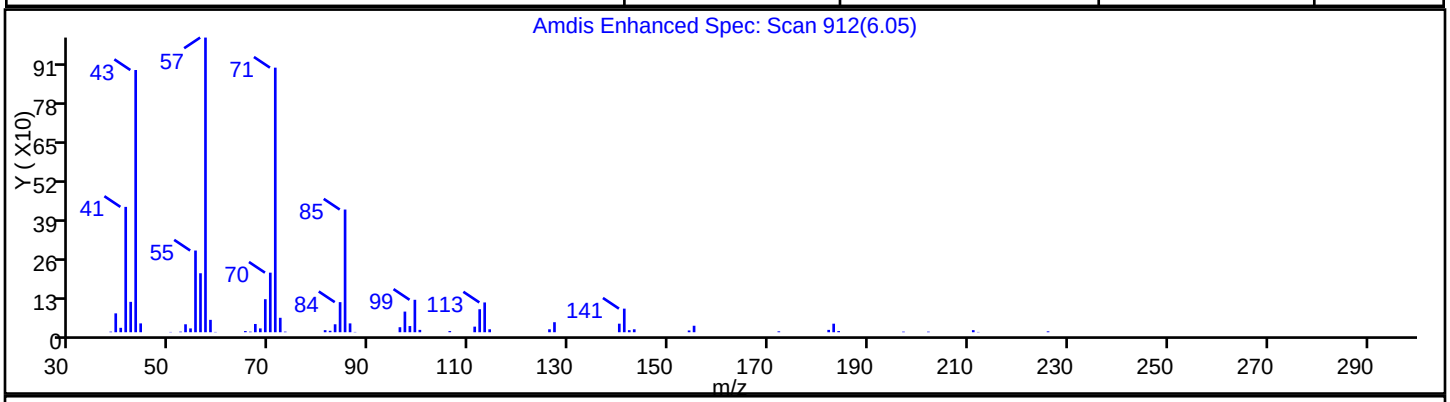
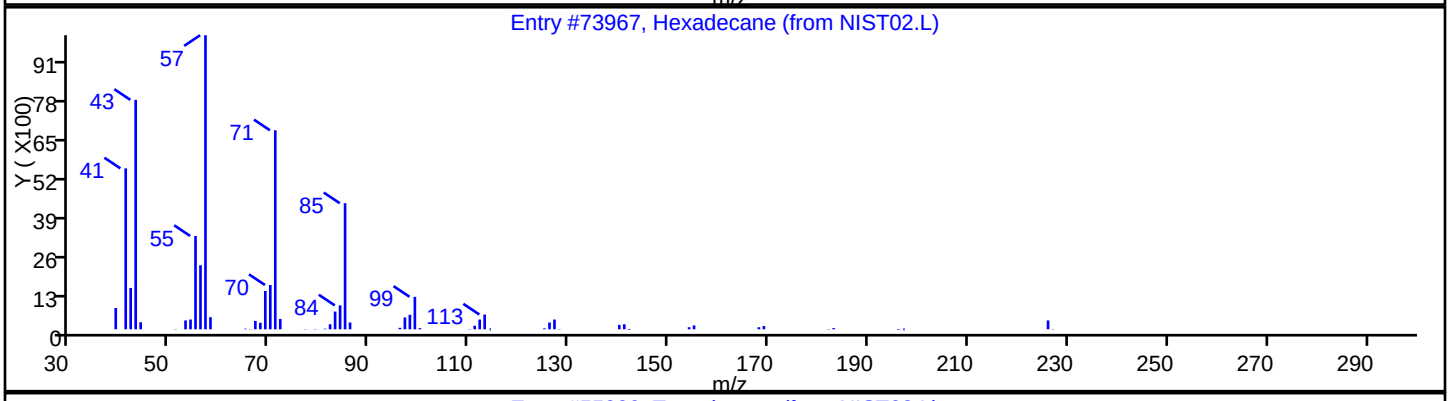
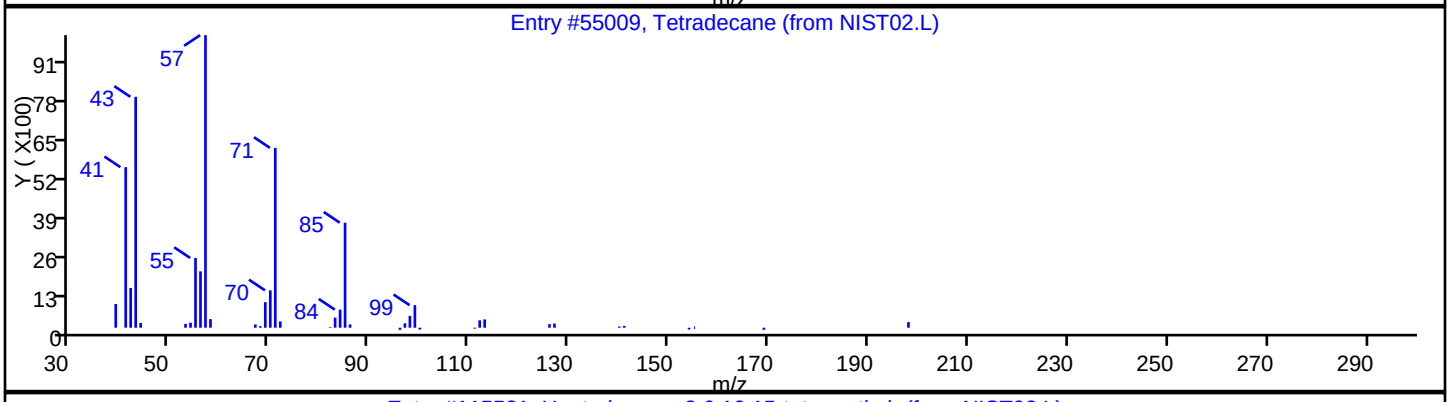
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112734.D

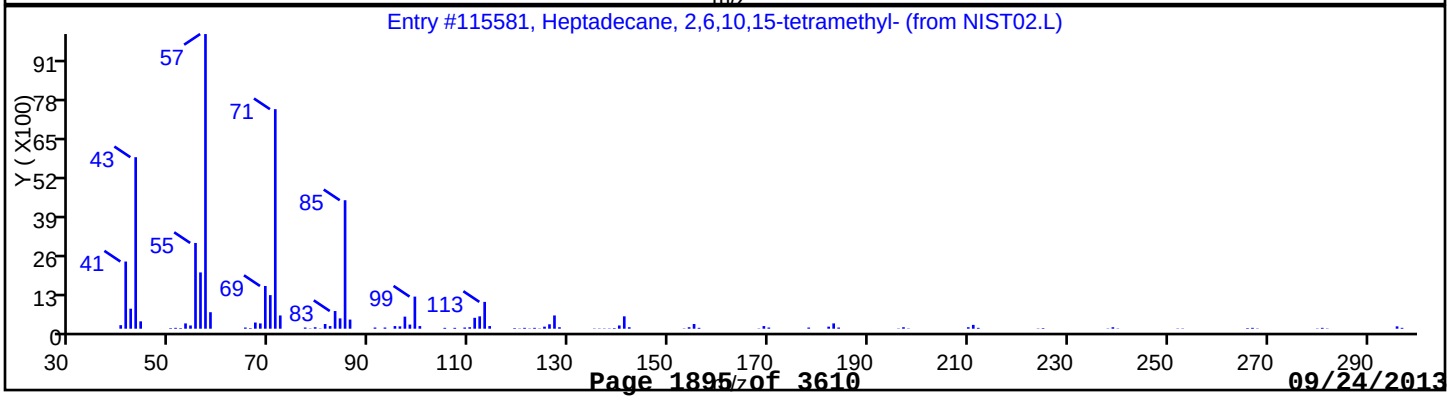
Injection Date:	20-Sep-2013 08:24:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	17
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane	544-76-3	NIST02.L	73967	90
Tetradecane	629-59-4	NIST02.L	55009	90
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	86









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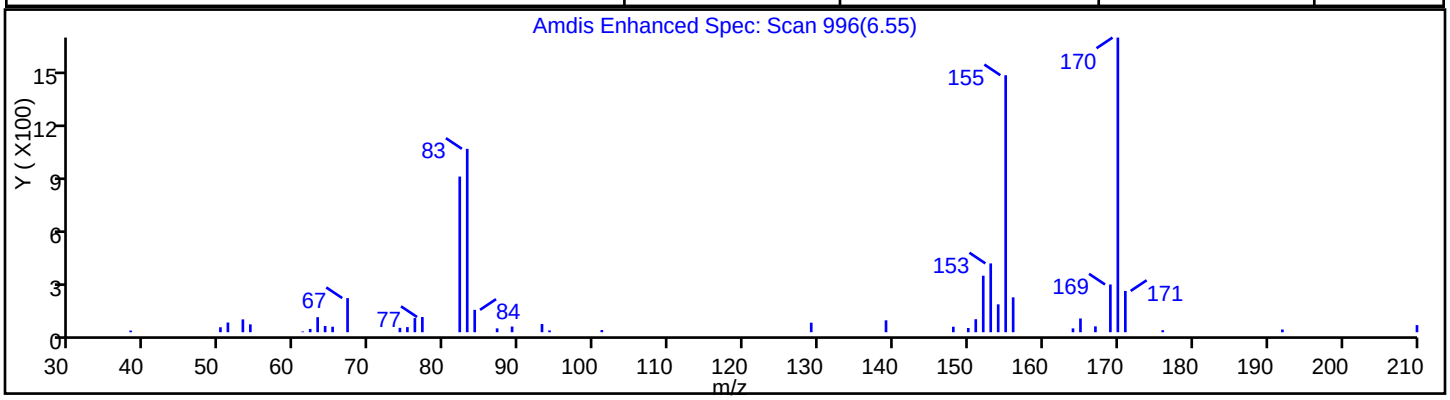
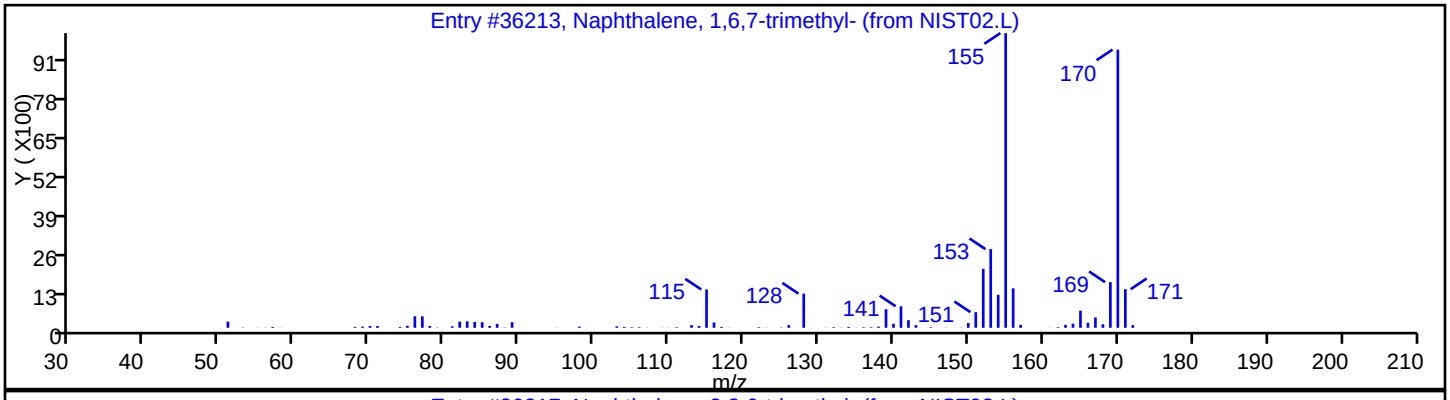
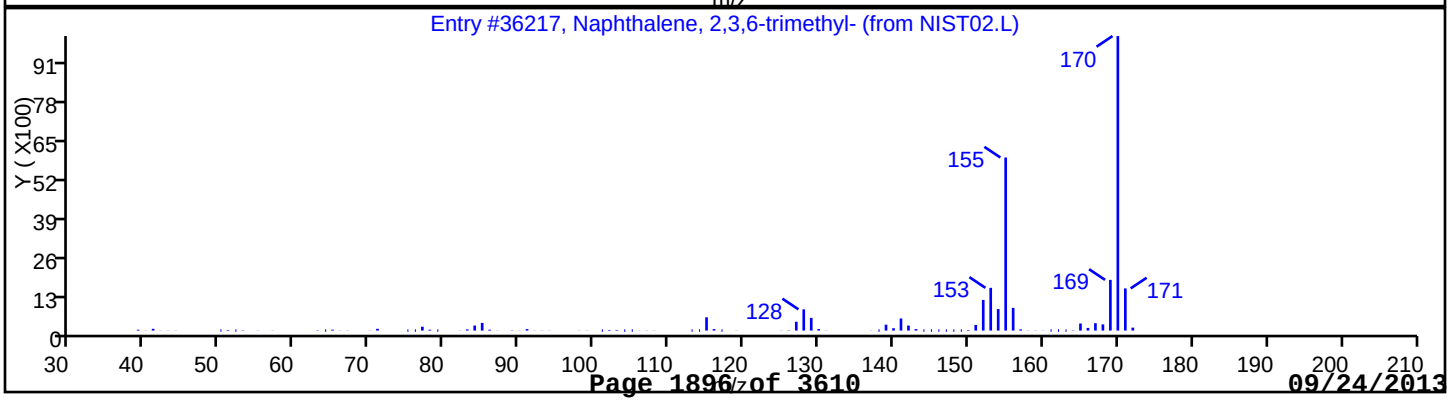
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112734.D

Injection Date:	20-Sep-2013 08:24:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	17
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Trimethylnapthalene isomer		NIST02.L	0	0
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36213	76
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36217	76







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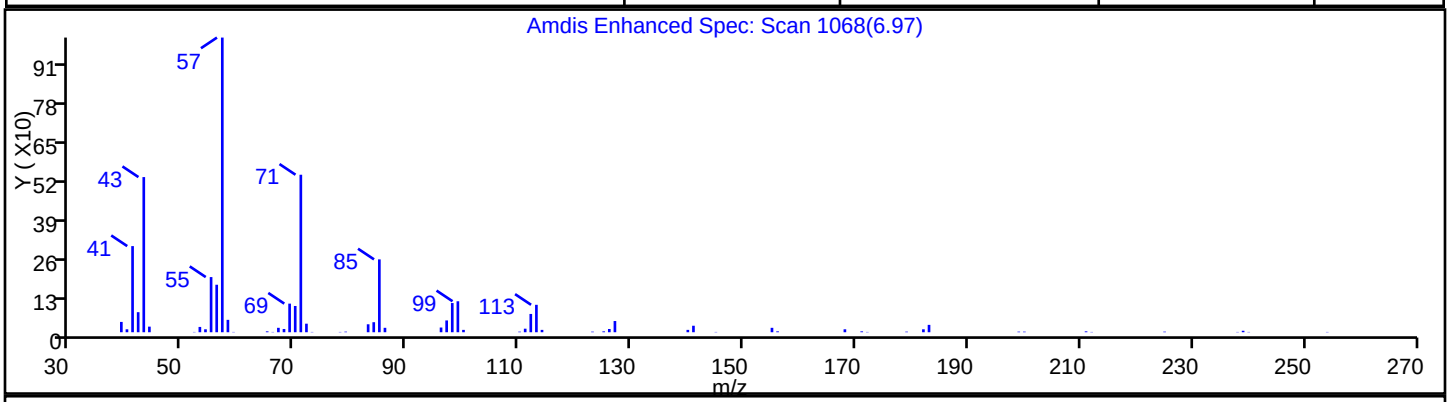
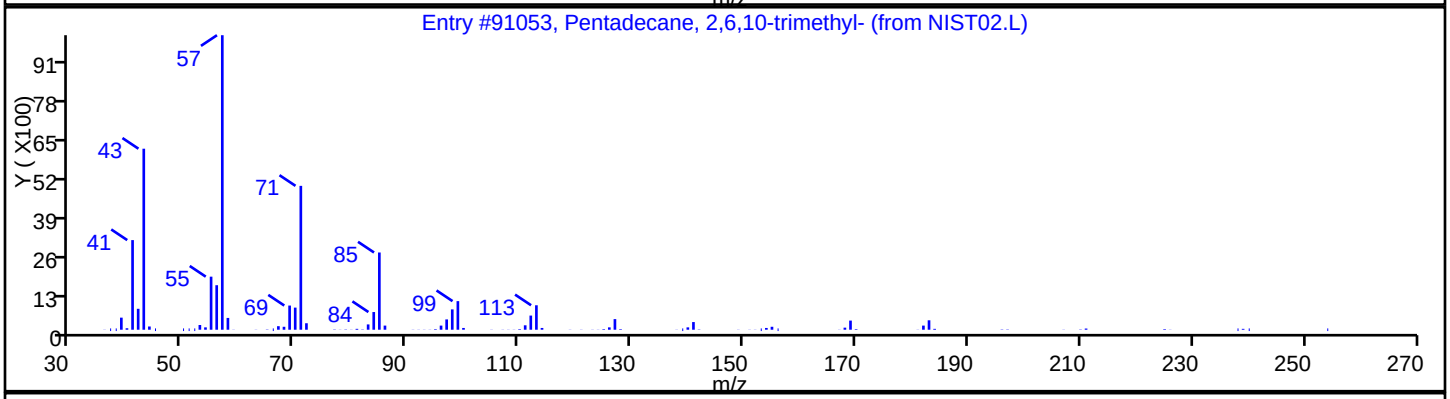
TestAmerica Edison

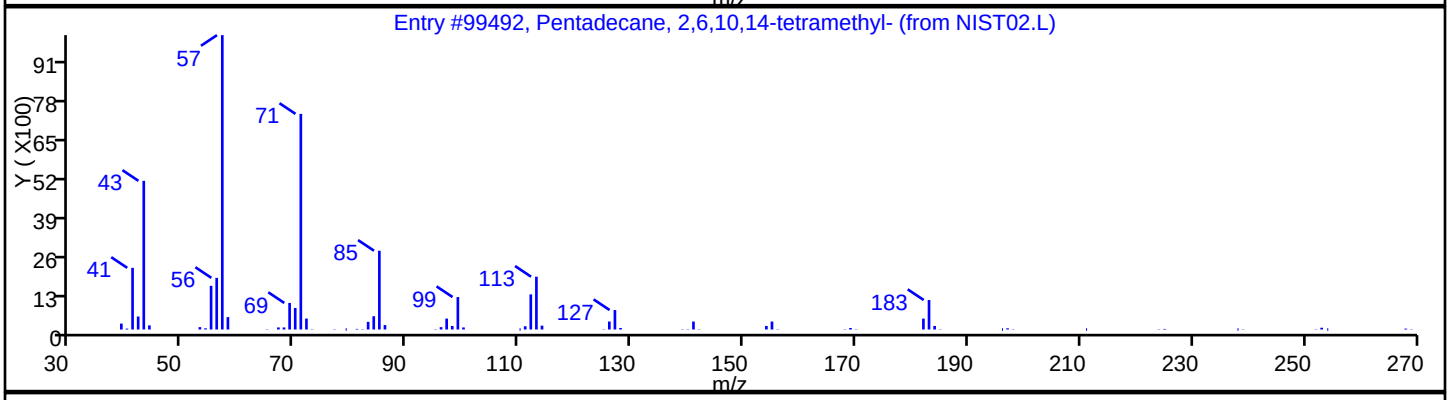
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112734.D

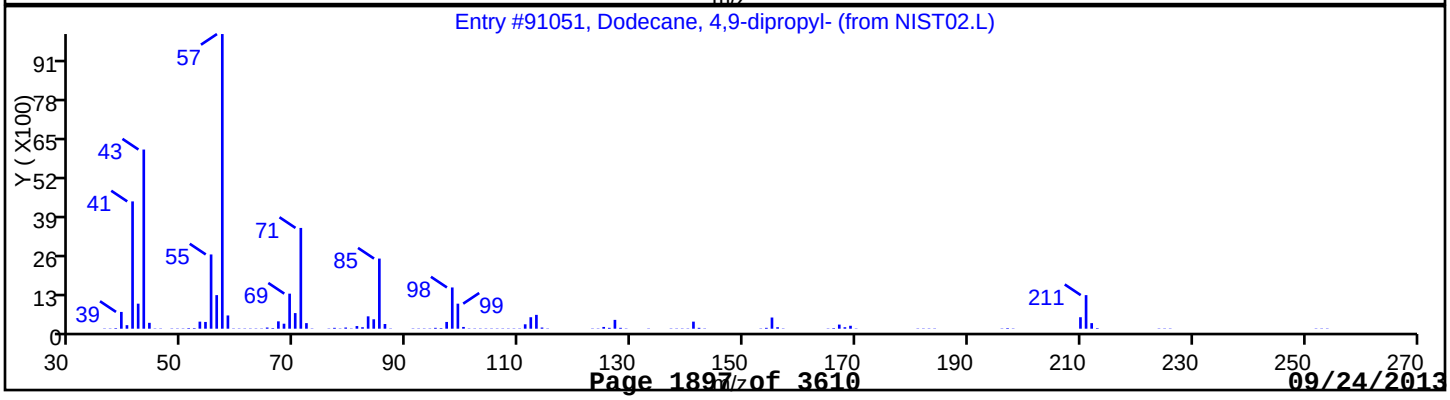
Injection Date:	20-Sep-2013 08:24:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	17
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	93
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99492	78
Dodecane, 4,9-dipropyl-	3054-63-5	NIST02.L	91051	76









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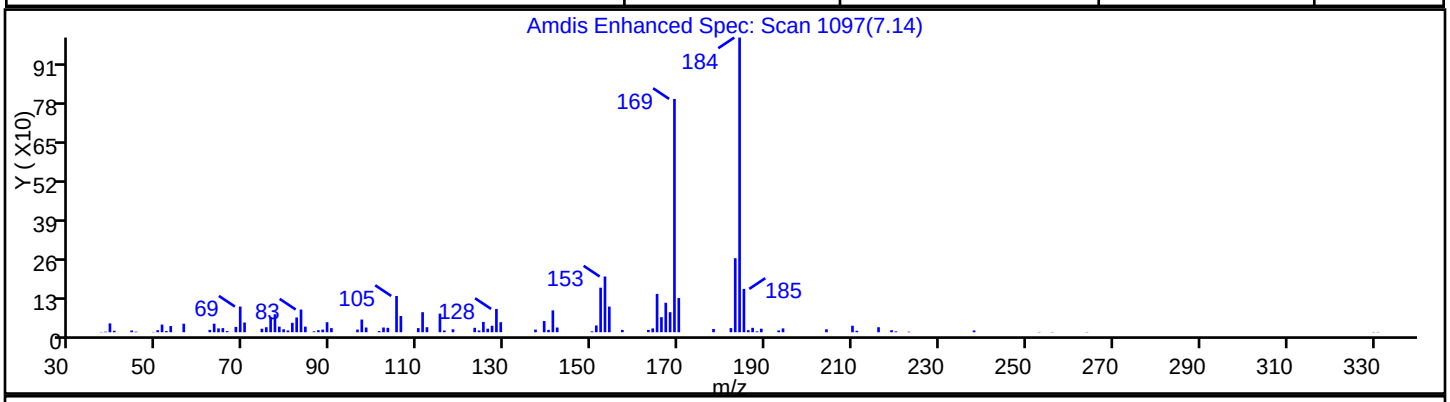
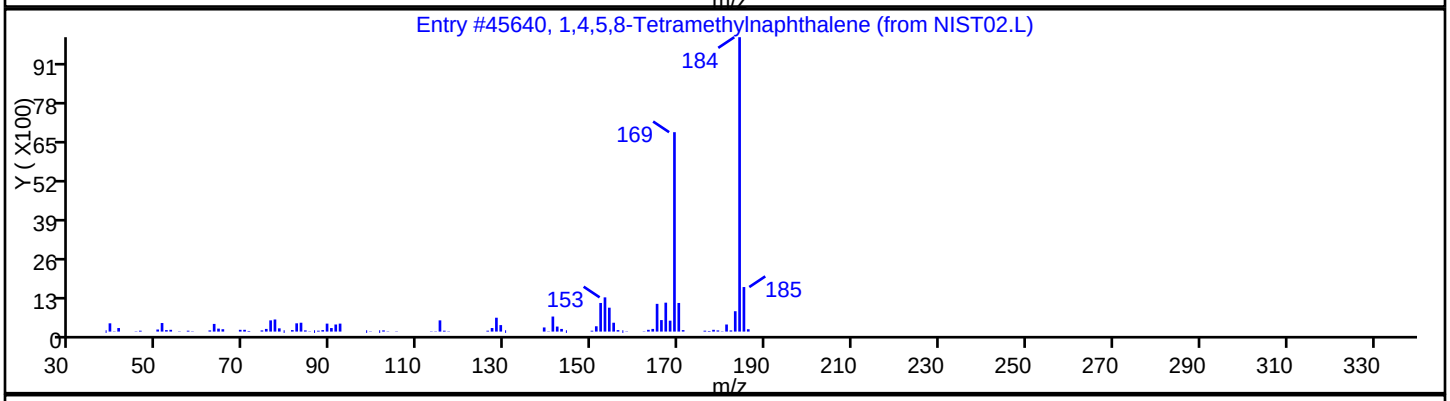
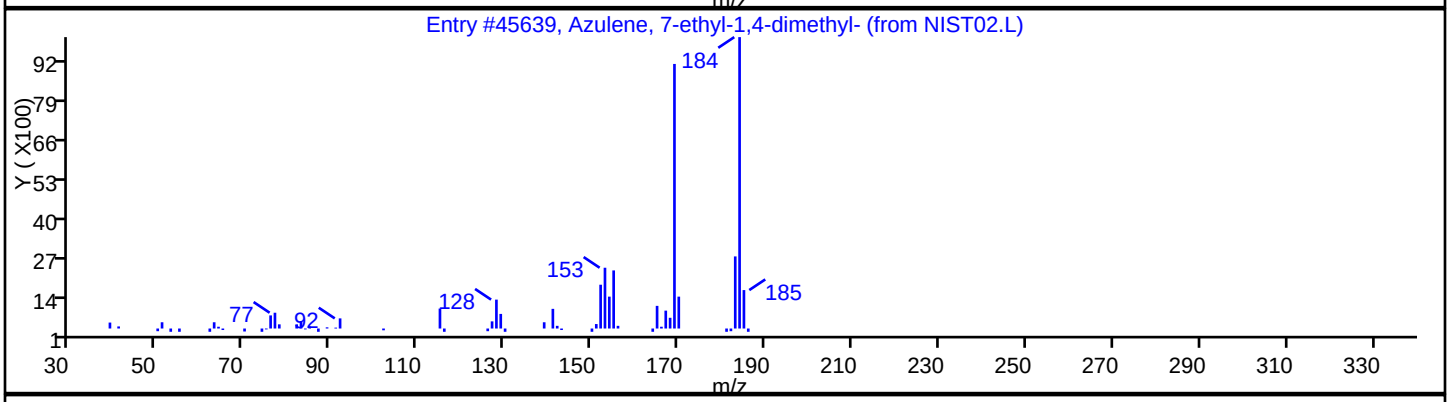
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112734.D

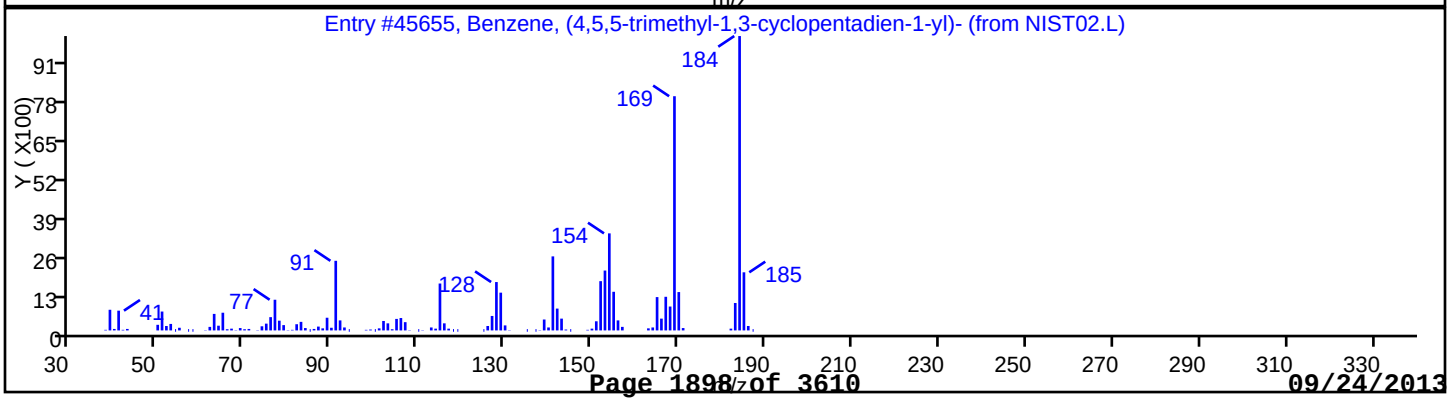
Injection Date:	20-Sep-2013 08:24:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	17
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,4,5,8-Tetramethylnaphthalene	2717-39-7	NIST02.L	45640	95
Azulene, 7-ethyl-1,4-dimethyl-	529-05-5	NIST02.L	45639	94
Benzene, (4,5,5-trimethyl-1,3-cyclopenta	33930-85-7	NIST02.L	45655	90









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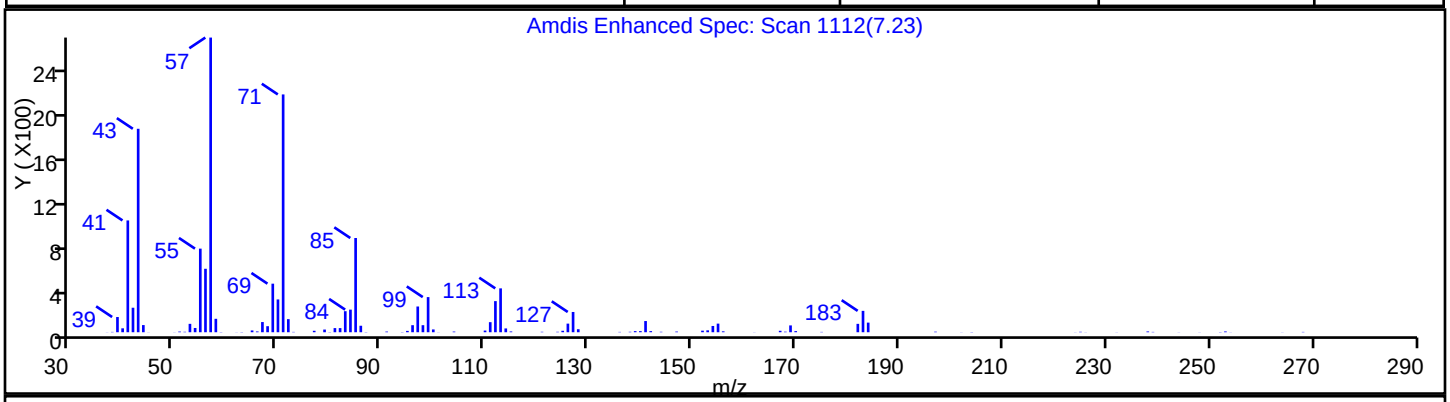
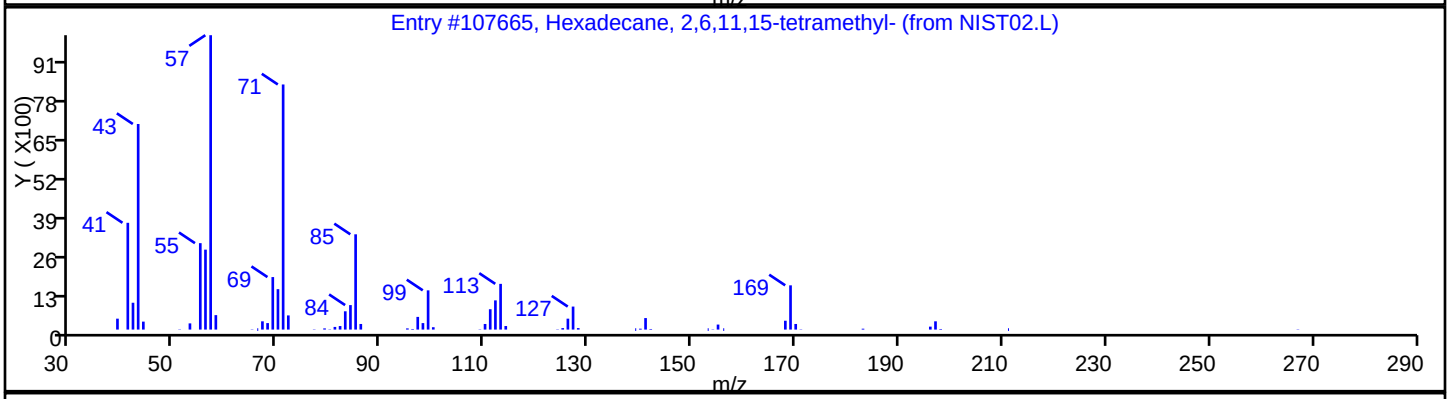
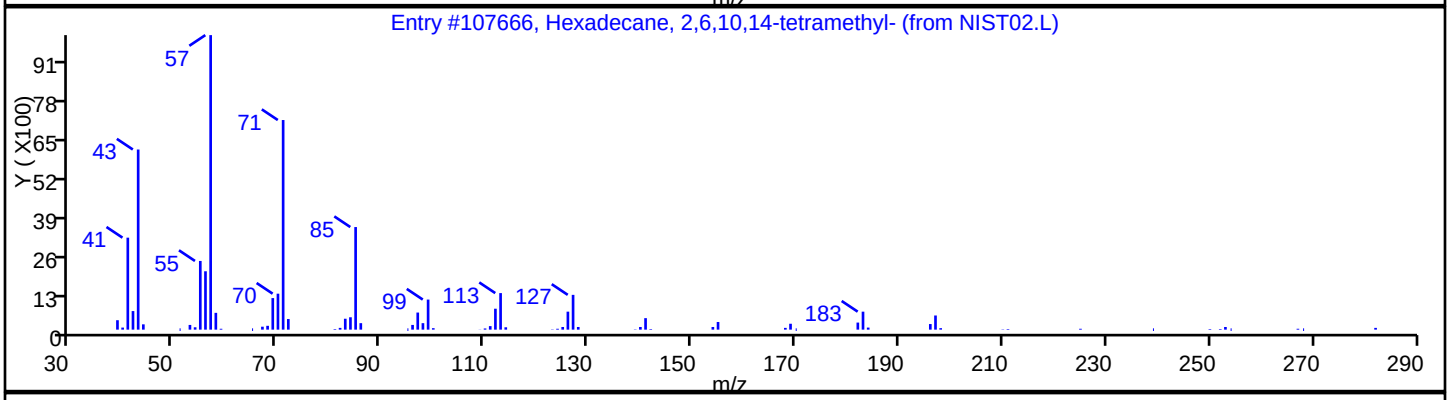
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112734.D

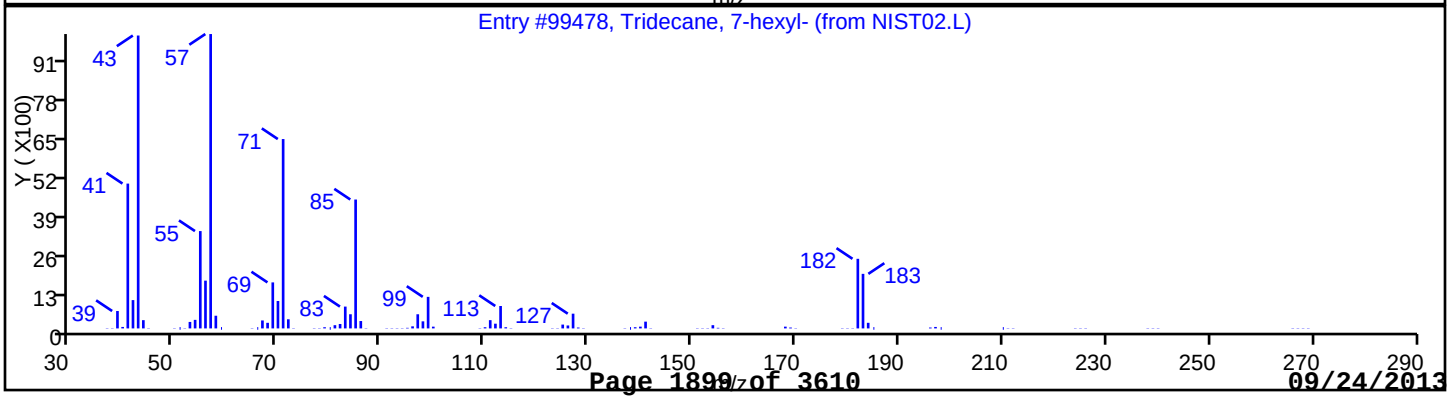
Injection Date:	20-Sep-2013 08:24:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	17
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane, 2,6,11,15-tetramethyl-	504-44-9	NIST02.L	107665	91
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107666	90
Tridecane, 7-hexyl-	7225-66-3	NIST02.L	99478	86







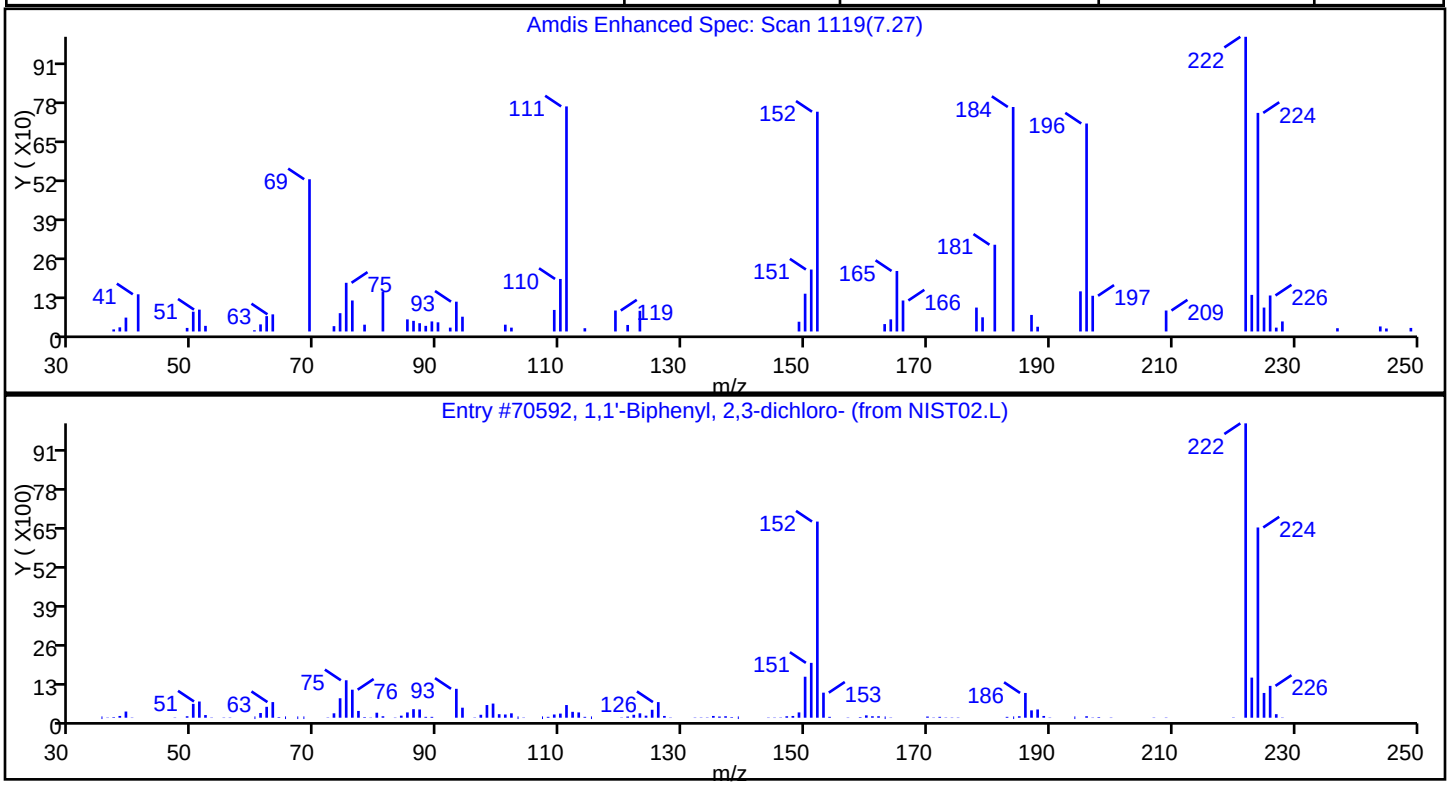


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112734.D

Injection Date:	20-Sep-2013 08:24:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	17
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.L	70592	86



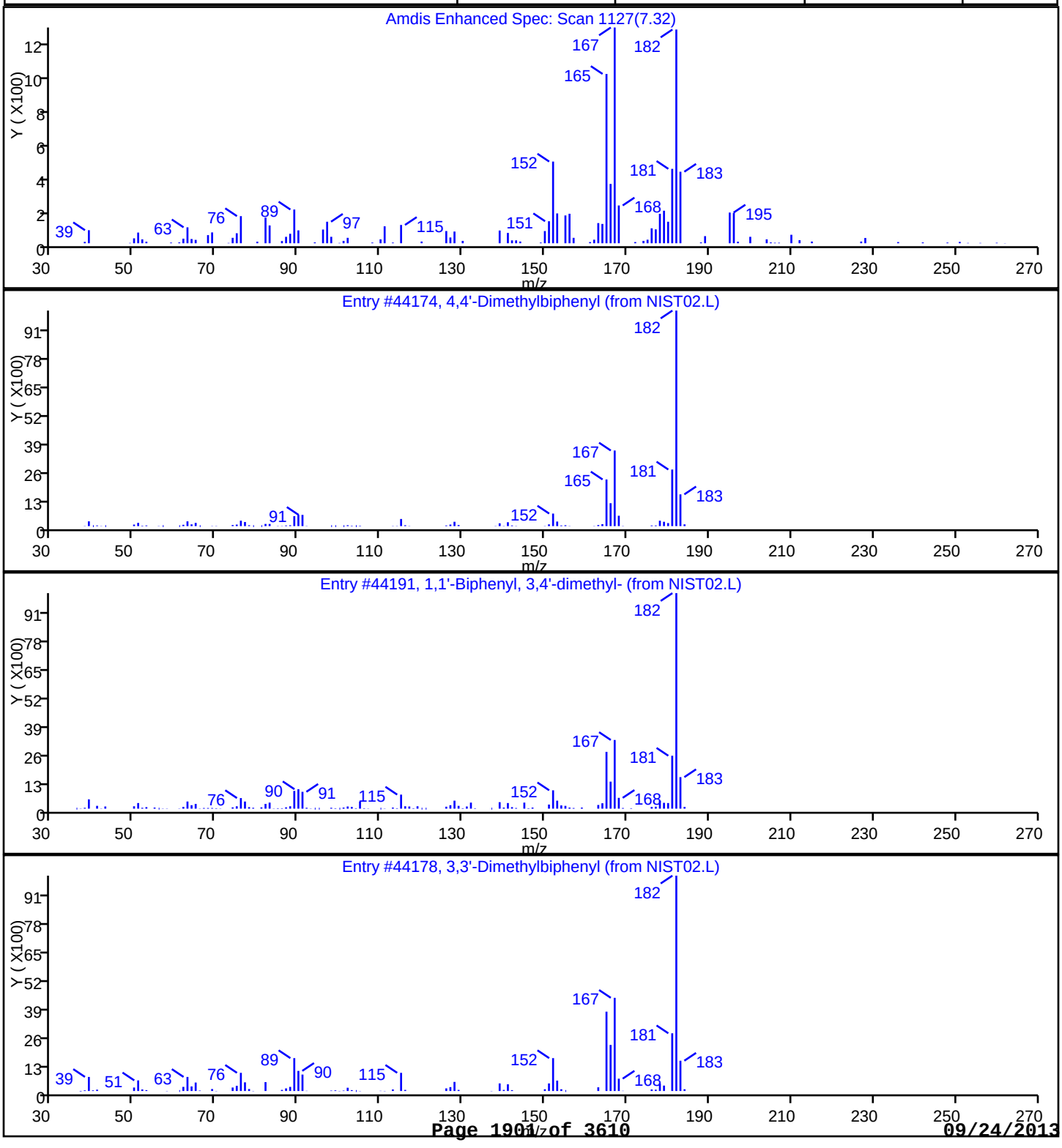
Report Date: 20-Sep-2013 15:52:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112734.D

Injection Date:	20-Sep-2013 08:24:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	17
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
4,4'-Dimethylbiphenyl	613-33-2	NIST02.L	44174	90
1,1'-Biphenyl, 3,4'-dimethyl-	7383-90-6	NIST02.L	44191	87
3,3'-Dimethylbiphenyl	612-75-9	NIST02.L	44178	87



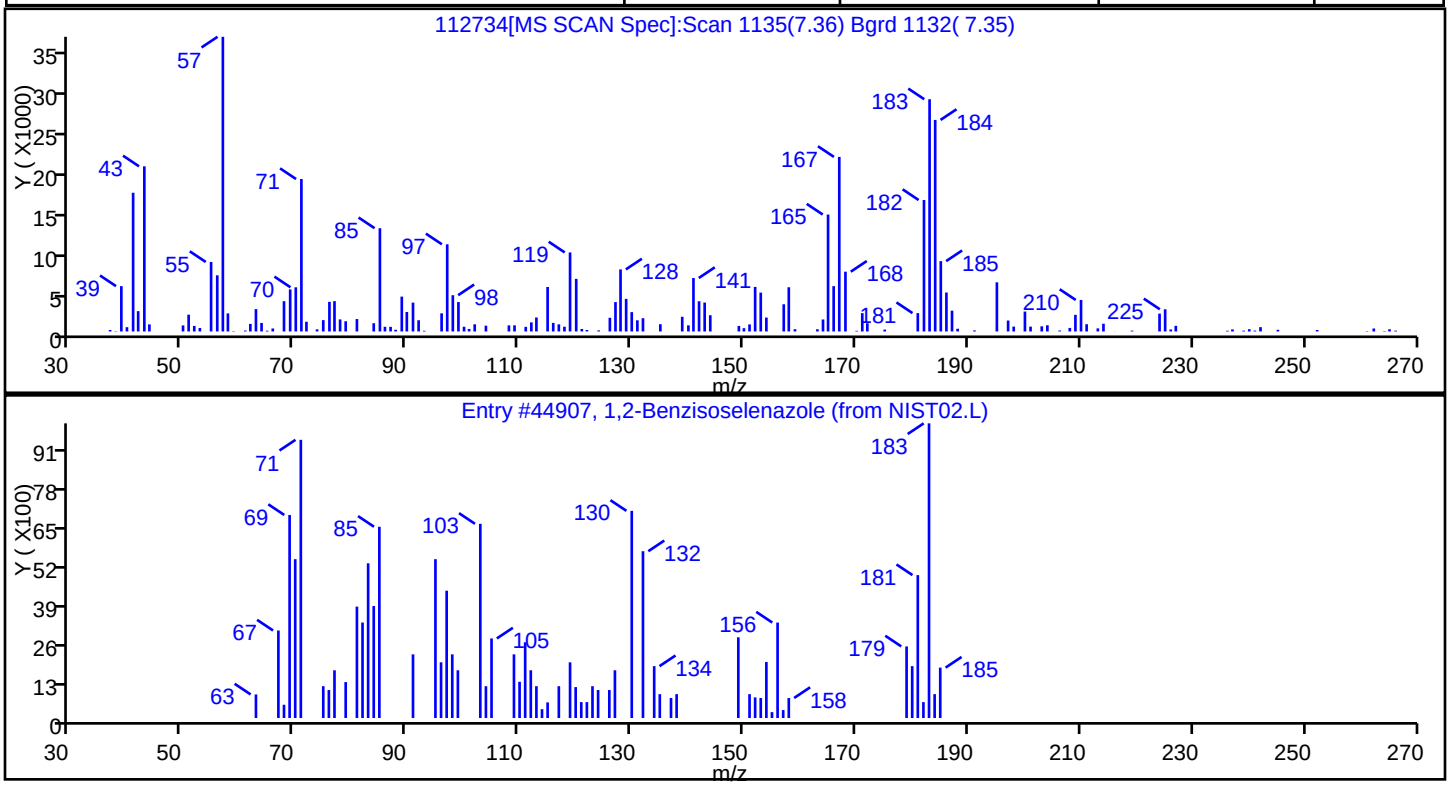
Report Date: 20-Sep-2013 15:52:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112734.D

Injection Date:	20-Sep-2013 08:24:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	17
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,2-Benzisoselenazole	272-31-1	NIST02.L	44907	90



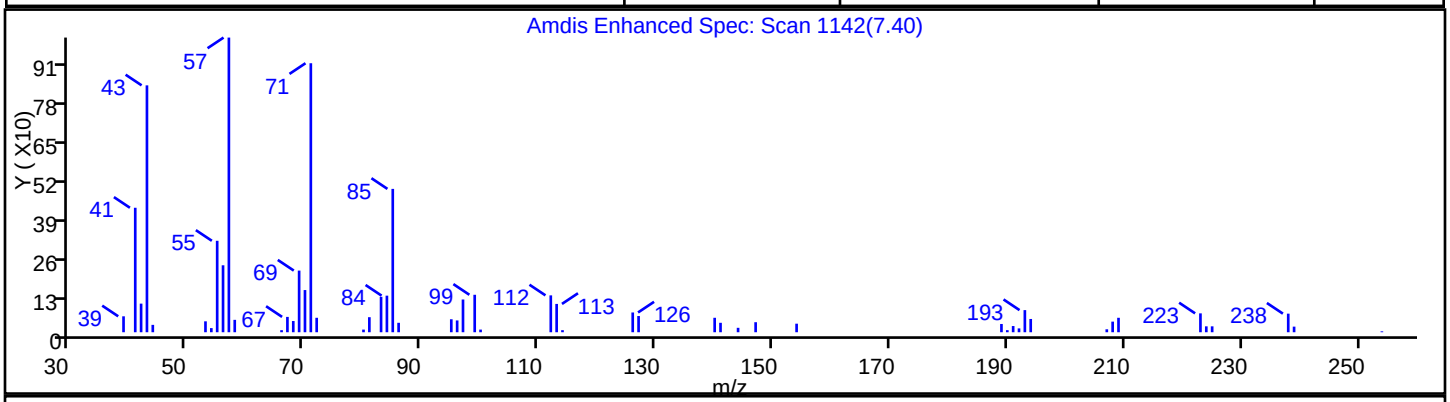
Report Date: 20-Sep-2013 15:52:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

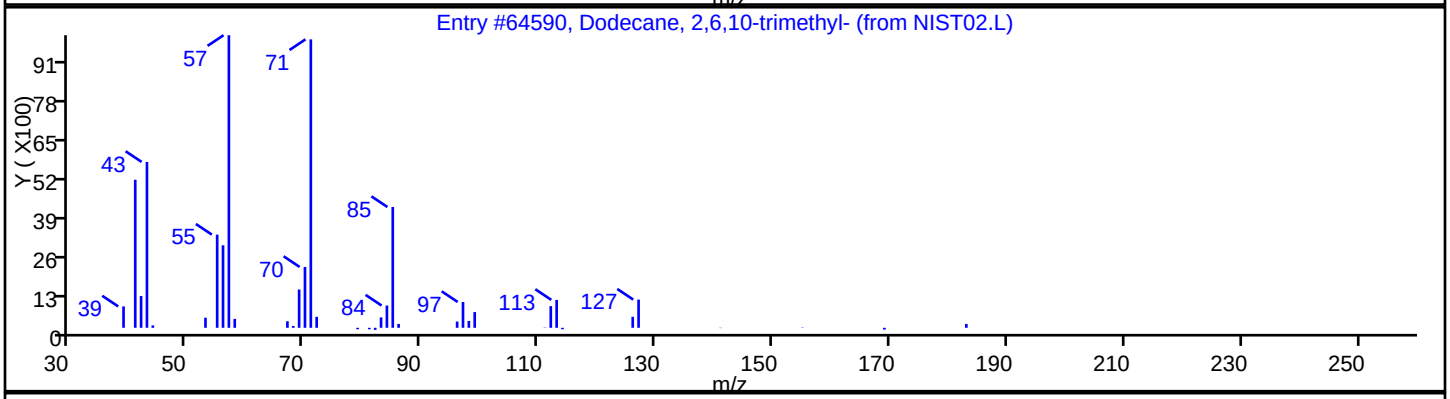
TestAmerica Edison

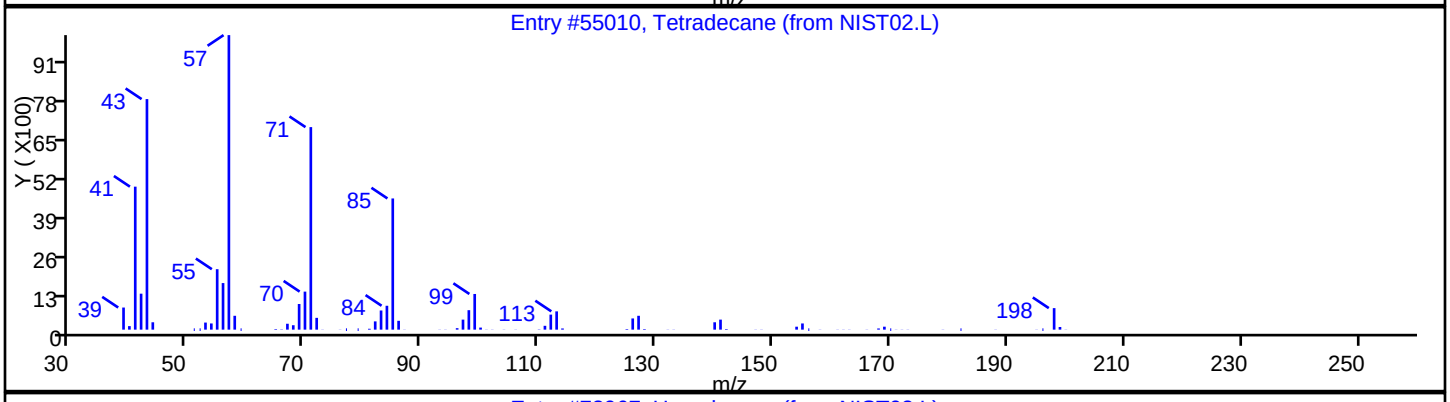
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112734.D

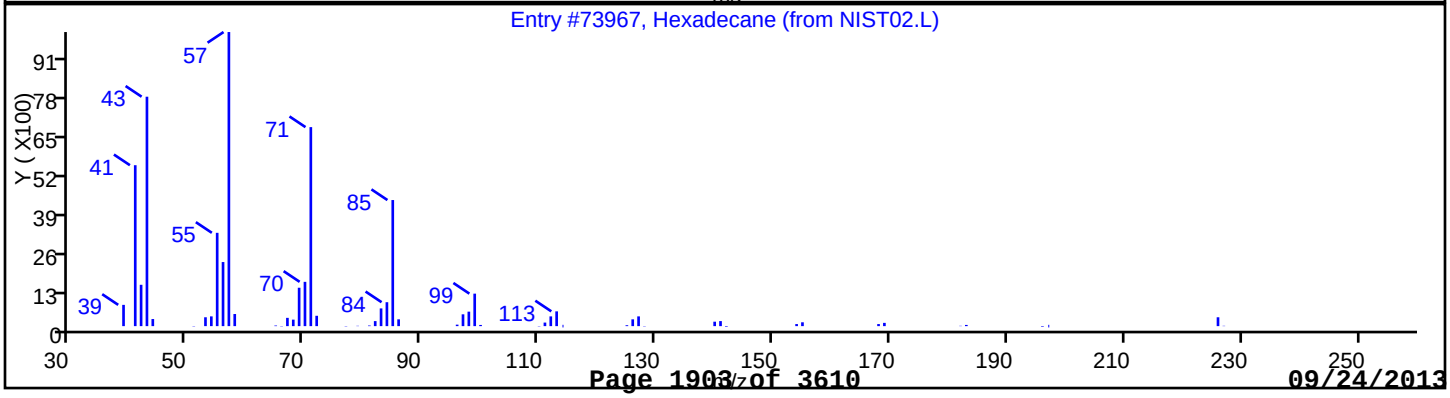
Injection Date:	20-Sep-2013 08:24:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	17
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	86
Tetradecane	629-59-4	NIST02.L	55010	80
Hexadecane	544-76-3	NIST02.L	73967	80









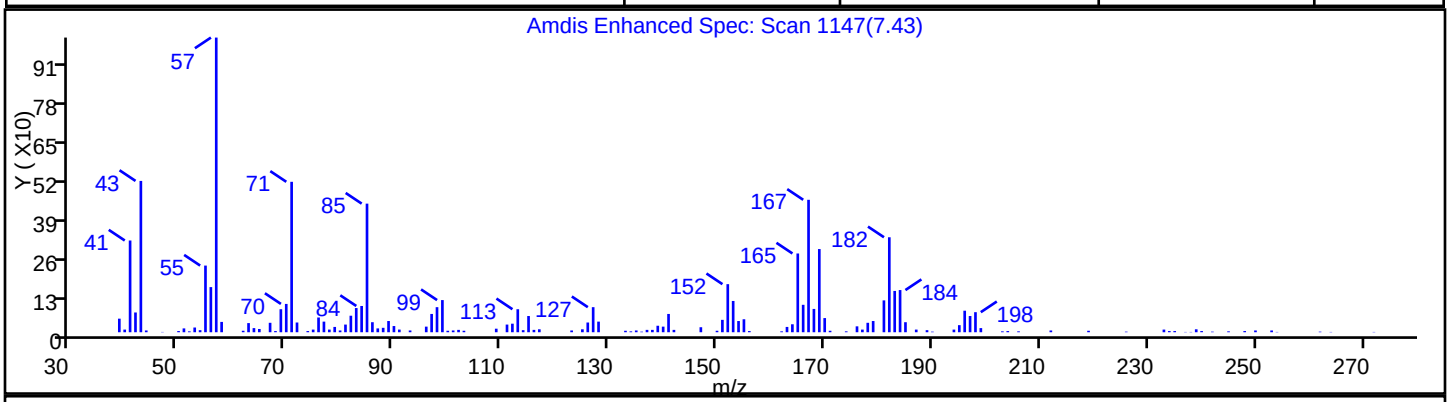
Report Date: 20-Sep-2013 15:52:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

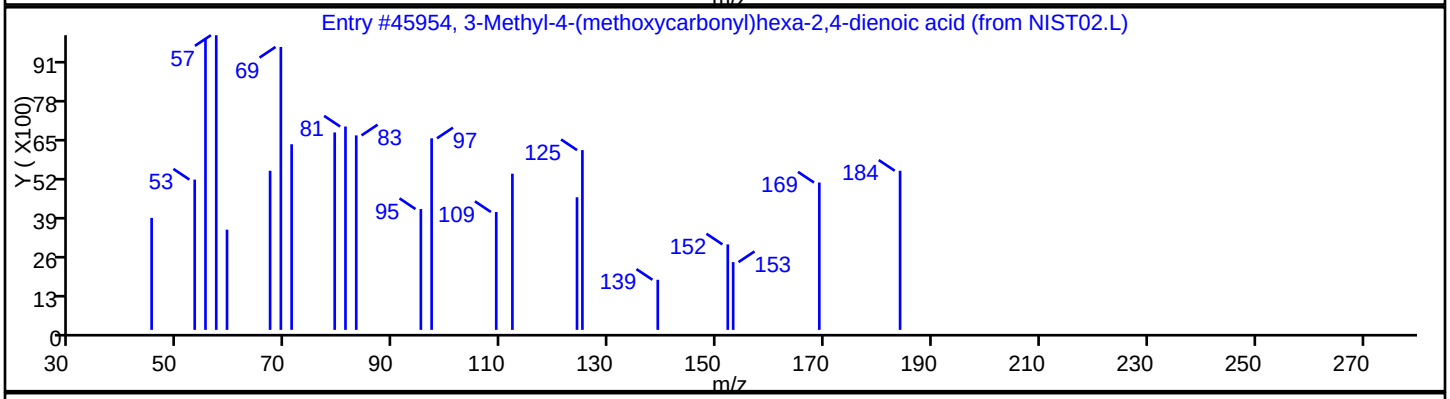
TestAmerica Edison

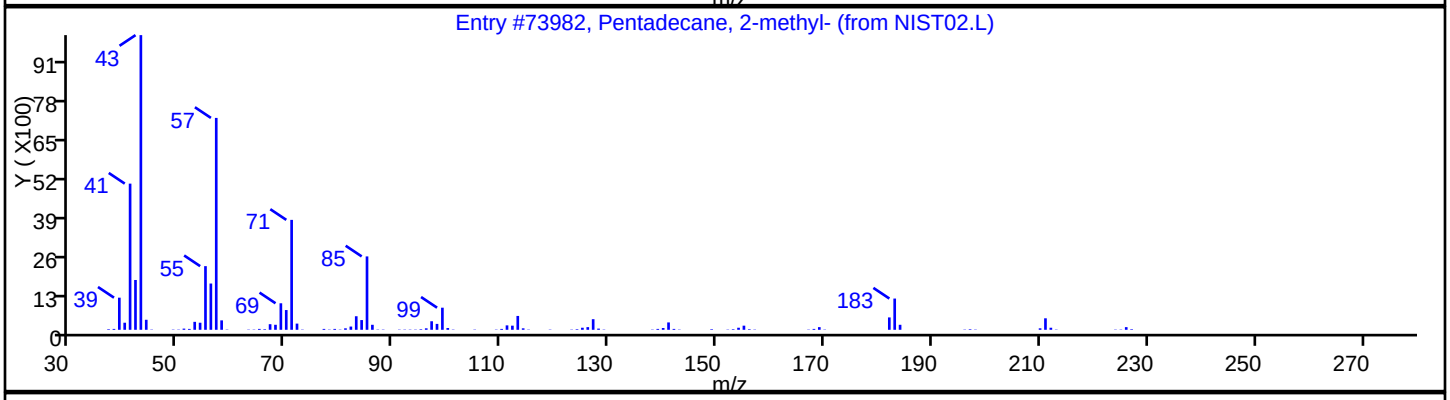
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112734.D

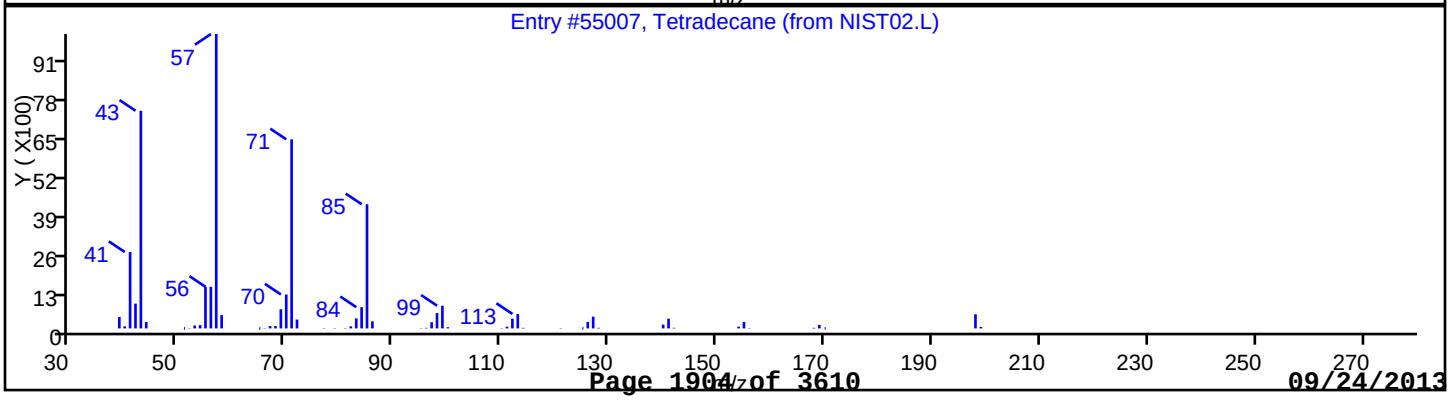
Injection Date:	20-Sep-2013 08:24:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	17
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
3-Methyl-4-(methoxycarbonyl)hexa-2,4-die	1000104-10-8	NIST02.L	45954	90
Pentadecane, 2-methyl-	1560-93-6	NIST02.L	73982	83
Tetradecane	629-59-4	NIST02.L	55007	81









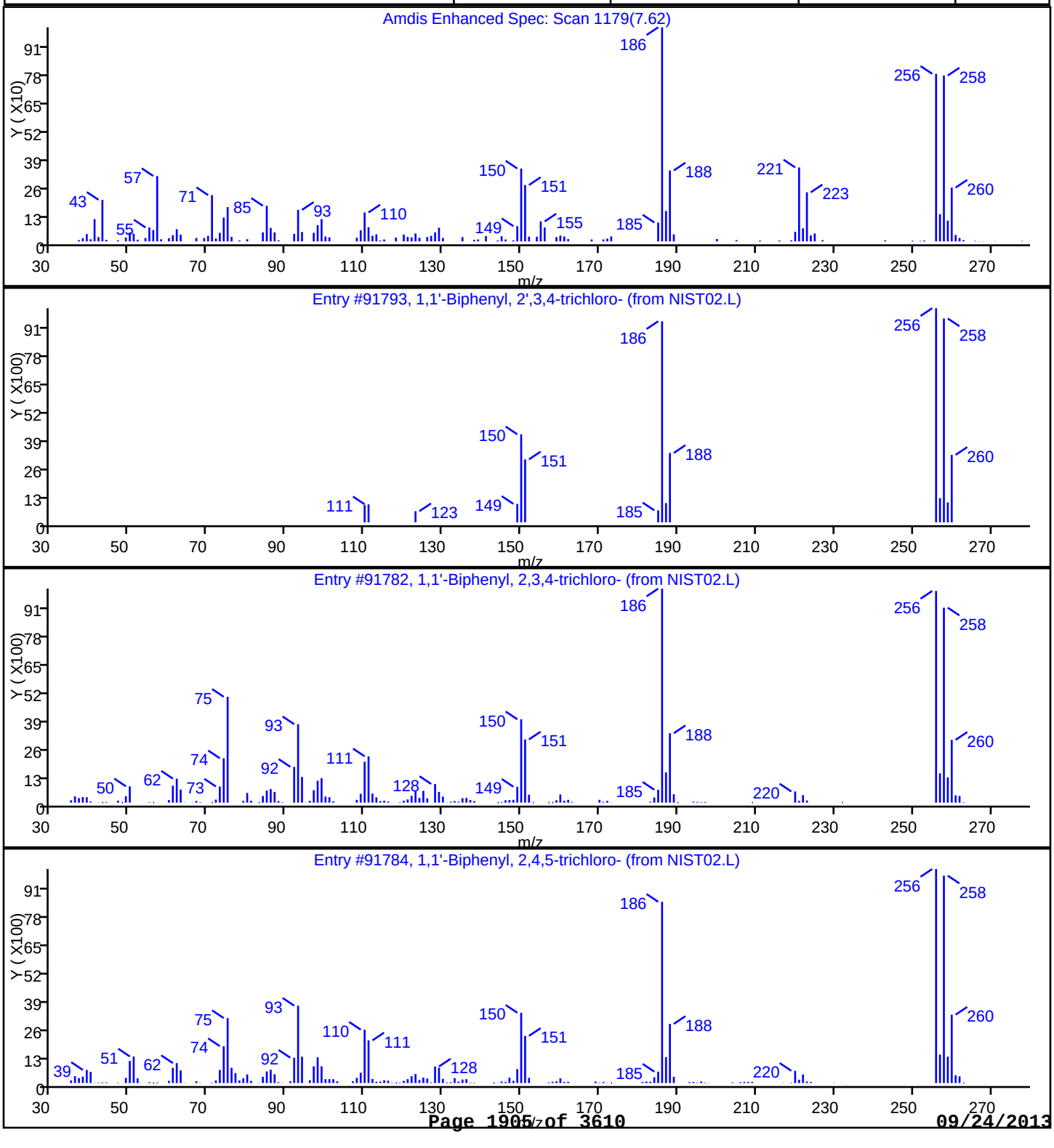
Report Date: 20-Sep-2013 15:52:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112734.D

Injection Date:	20-Sep-2013 08:24:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	17
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	97
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	94
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	94



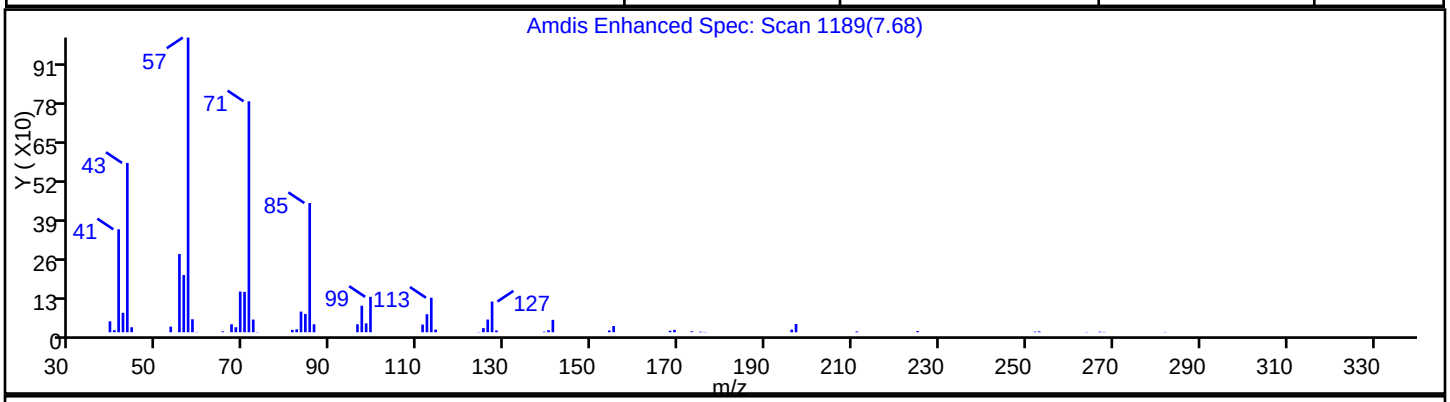
Report Date: 20-Sep-2013 15:52:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

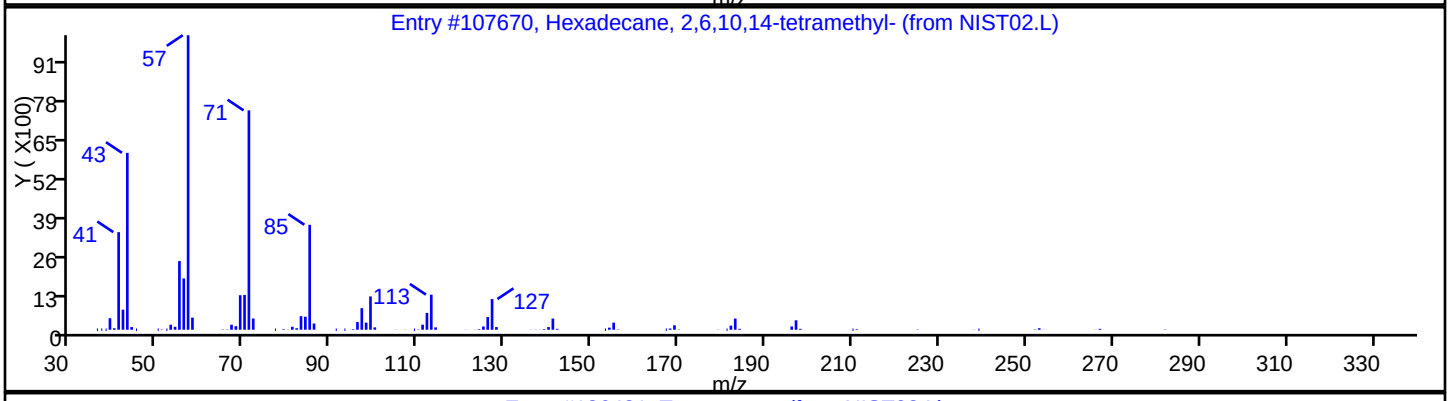
TestAmerica Edison

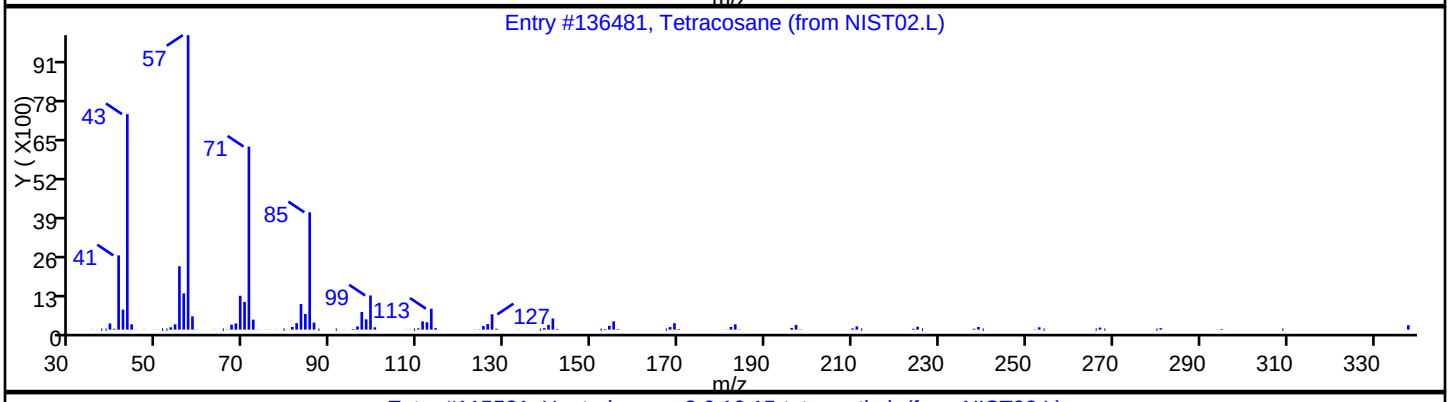
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112734.D

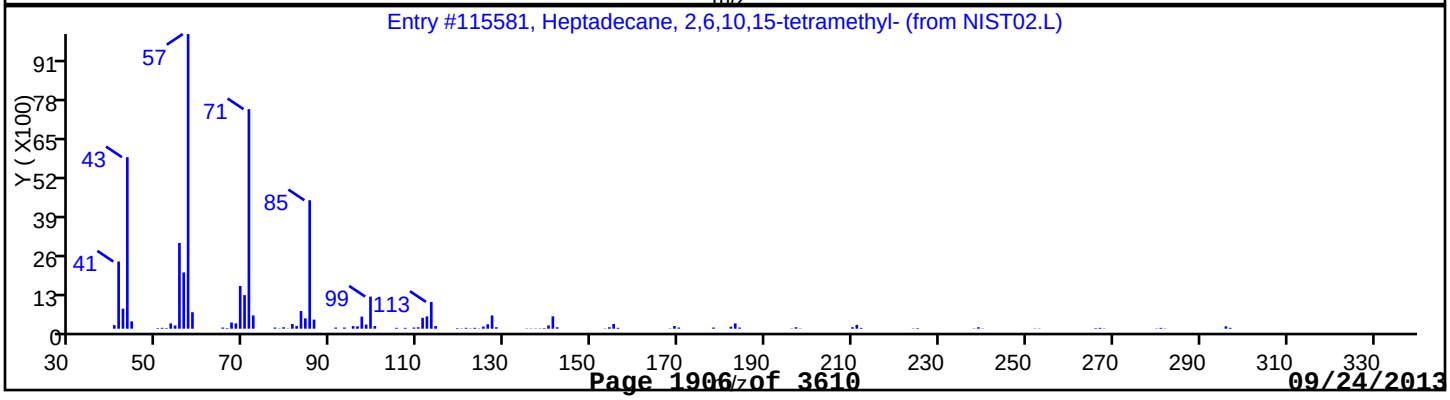
Injection Date:	20-Sep-2013 08:24:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	17
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	91
Tetracosane	646-31-1	NIST02.L	136481	86
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	86









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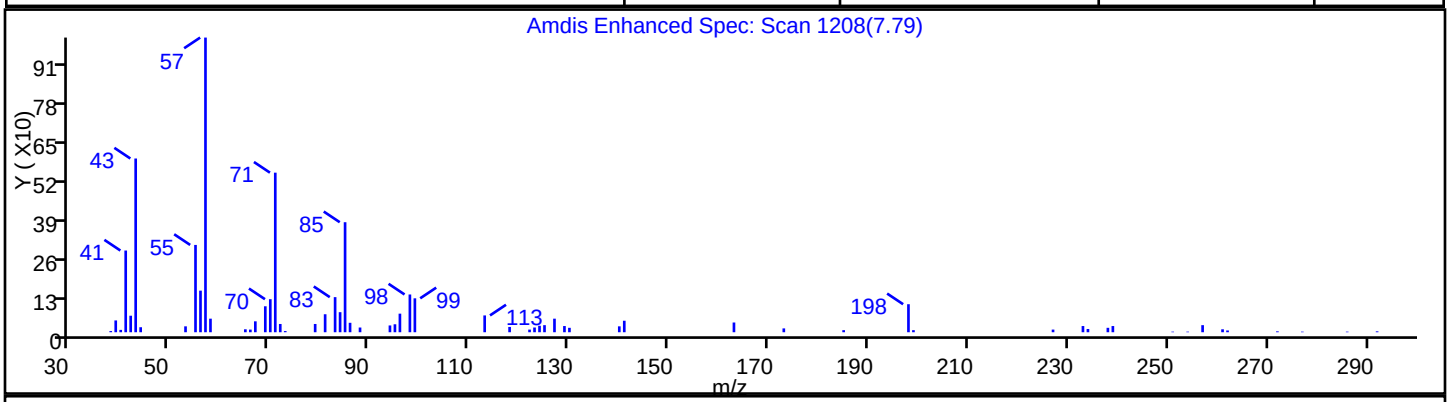
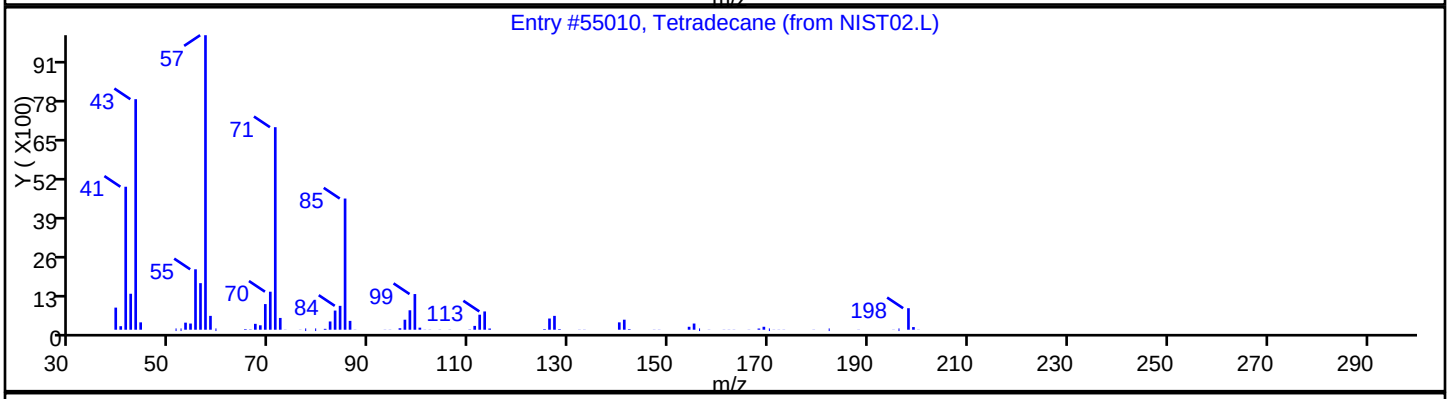
TestAmerica Edison

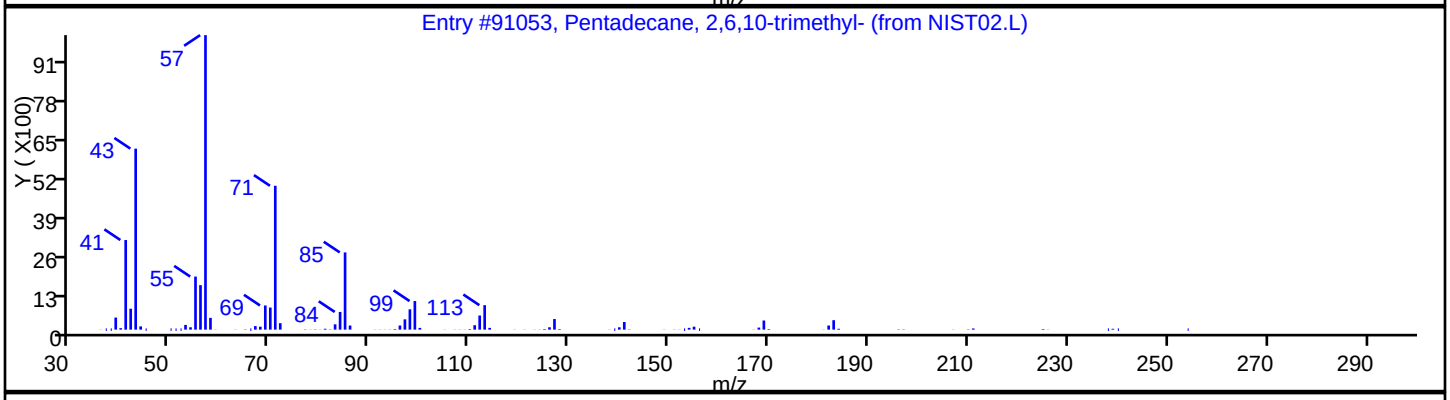
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112734.D

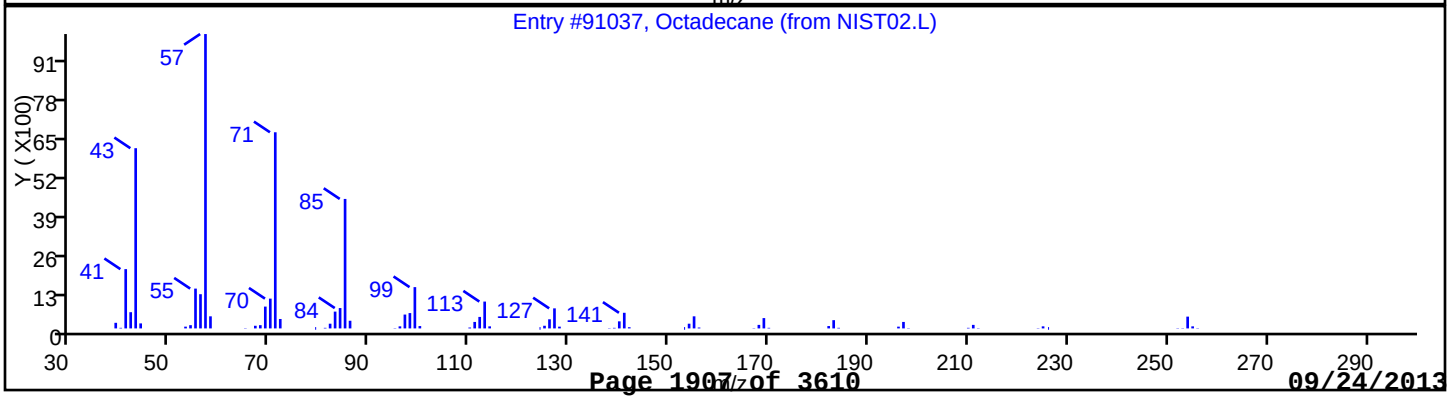
Injection Date:	20-Sep-2013 08:24:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	17
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tetradecane	629-59-4	NIST02.L	55010	95
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	80
Octadecane	593-45-3	NIST02.L	91037	74









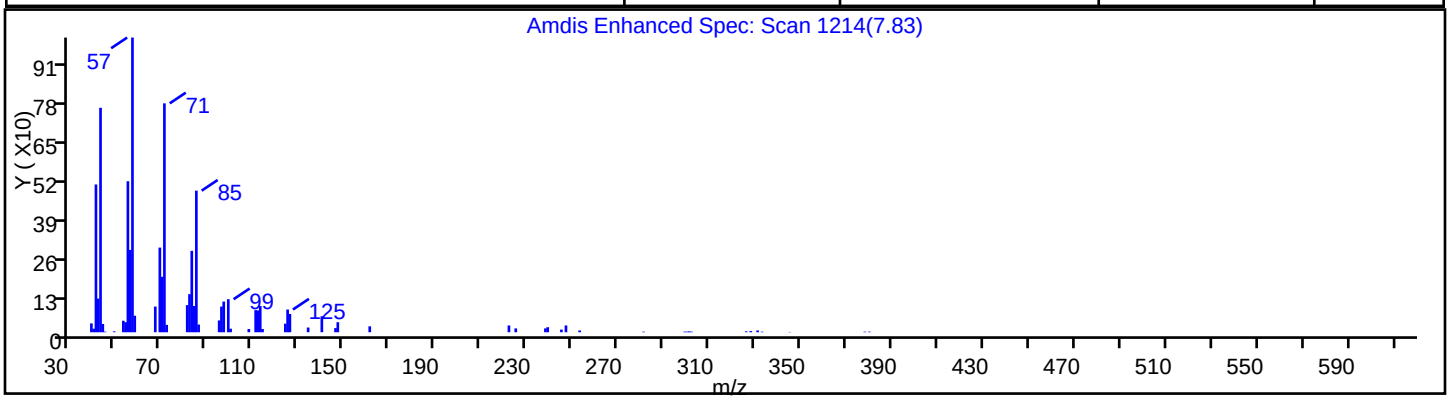
Report Date: 20-Sep-2013 15:52:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

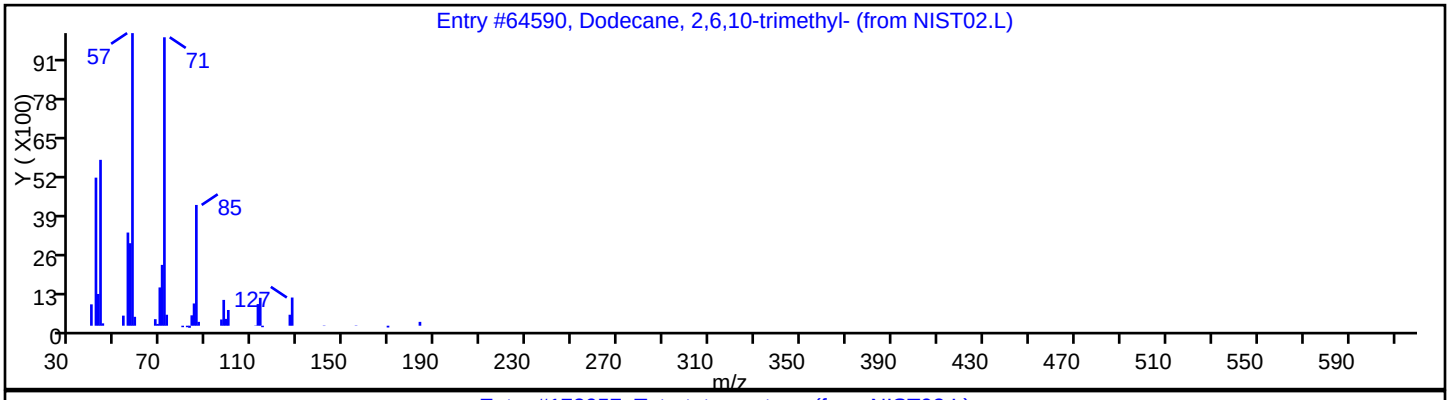
TestAmerica Edison

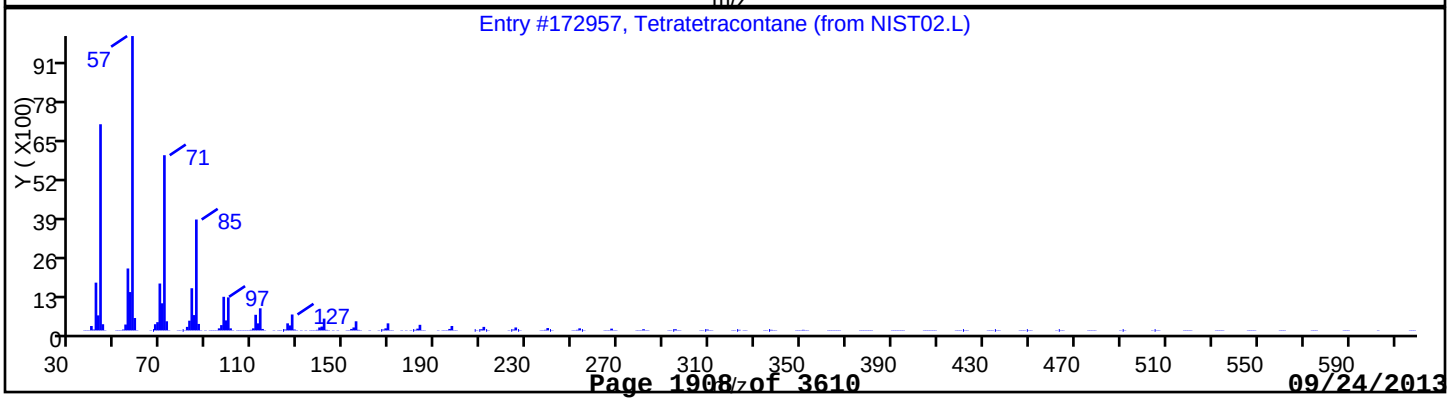
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112734.D

Injection Date:	20-Sep-2013 08:24:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	17
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown alkane		NIST02.L	0	0
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	80
Tetratetracontane	7098-22-8	NIST02.L	172957	72







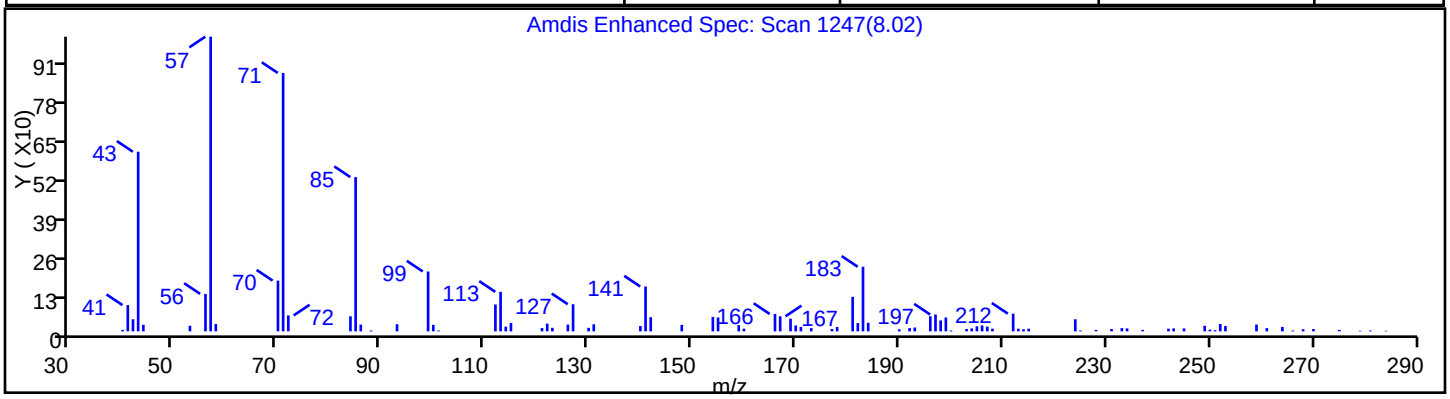
Report Date: 20-Sep-2013 15:52:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

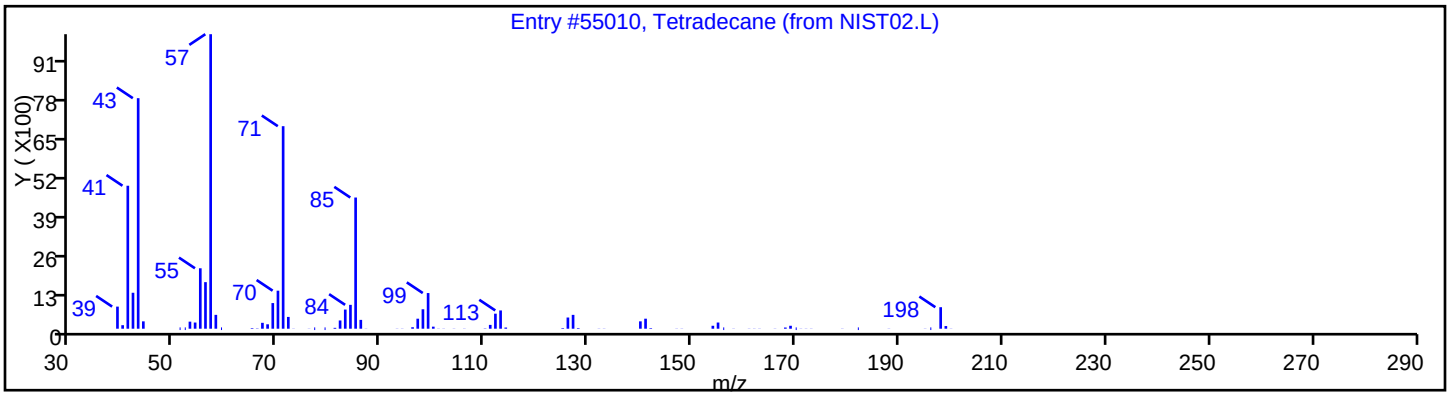
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112734.D

Injection Date:	20-Sep-2013 08:24:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	17
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown alkane		NIST02.L	0	0
Tetradecane	629-59-4	NIST02.L	55010	76





FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-WT | Lab Sample ID: 460-62993-20

Matrix: Solid | Lab File ID: 112735.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:15

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 08:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	250	U	1800	250
95-57-8	2-Chlorophenol	240	U	1800	240
95-48-7	2-Methylphenol	310	U	1800	310
106-44-5	4-Methylphenol	360	U	1800	360
100-52-7	Benzaldehyde	220	U	1800	220
98-86-2	Acetophenone	280	U	1800	280
111-44-4	Bis(2-chloroethyl)ether	25	U	180	25
108-60-1	2,2'-oxybis[1-chloropropane]	200	U	1800	200
621-64-7	N-Nitrosodi-n-propylamine	31	U	180	31
98-95-3	Nitrobenzene	26	U	180	26
67-72-1	Hexachloroethane	20	U	180	20
78-59-1	Isophorone	220	U	1800	220
88-75-5	2-Nitrophenol	200	U	1800	200
105-67-9	2,4-Dimethylphenol	450	U	1800	450
120-83-2	2,4-Dichlorophenol	270	U	1800	270
111-91-1	Bis(2-chloroethoxy)methane	240	U	1800	240
91-20-3	Naphthalene	210	U	1800	210
106-47-8	4-Chloroaniline	490	U	1800	490
87-68-3	Hexachlorobutadiene	45	U	370	45
105-60-2	Caprolactam	420	U	1800	420
59-50-7	4-Chloro-3-methylphenol	280	U	1800	280
91-57-6	2-Methylnaphthalene	240	U	1800	240
118-74-1	Hexachlorobenzene	25	U	180	25
77-47-4	Hexachlorocyclopentadiene	220	U	1800	220
88-06-2	2,4,6-Trichlorophenol	210	U	1800	210
95-95-4	2,4,5-Trichlorophenol	240	U	1800	240
92-52-4	Diphenyl	250	U	1800	250
91-58-7	2-Chloronaphthalene	200	U	1800	200
88-74-4	2-Nitroaniline	770	U	3700	770
606-20-2	2,6-Dinitrotoluene	55	U	370	55
131-11-3	Dimethyl phthalate	220	U	1800	220
208-96-8	Acenaphthylene	220	U	1800	220
99-09-2	3-Nitroaniline	650	U	3700	650
83-32-9	Acenaphthene	280	J	1800	270

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-WT | Lab Sample ID: 460-62993-20

Matrix: Solid | Lab File ID: 112735.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:15

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 08:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	5600	1200
51-28-5	2,4-Dinitrophenol	1000	U	5600	1000
132-64-9	Dibenzofuran	220	U	1800	220
84-66-2	Diethyl phthalate	220	U	1800	220
86-73-7	Fluorene	230	U	1800	230
206-44-0	Fluoranthene	240	U	1800	240
84-74-2	Di-n-butyl phthalate	230	U	1800	230
121-14-2	2,4-Dinitrotoluene	61	U	370	61
7005-72-3	4-Chlorophenyl phenyl ether	220	U	1800	220
100-01-6	4-Nitroaniline	570	U	3700	570
534-52-1	4,6-Dinitro-2-methylphenol	500	U	5600	500
101-55-3	4-Bromophenyl phenyl ether	180	U	1800	180
1912-24-9	Atrazine	280	U	1800	280
120-12-7	Anthracene	220	U	1800	220
86-74-8	Carbazole	220	U	1800	220
85-01-8	Phenanthrene	640	J	1800	230
87-86-5	Pentachlorophenol	550	U	5600	550
129-00-0	Pyrene	540	J	1800	150
218-01-9	Chrysene	210	U	1800	210
207-08-9	Benzo[k]fluoranthene	14	U	180	14
191-24-2	Benzo[g,h,i]perylene	140	U	1800	140
205-99-2	Benzo[b]fluoranthene	12	U	180	12
50-32-8	Benzo[a]pyrene	13	U	180	13
56-55-3	Benzo[a]anthracene	13	U	180	13
86-30-6	N-Nitrosodiphenylamine	180	U	1800	180
85-68-7	Butyl benzyl phthalate	170	U	1800	170
117-81-7	Bis(2-ethylhexyl) phthalate	610	U	1800	610
117-84-0	Di-n-octyl phthalate	120	U	1800	120
193-39-5	Indeno[1,2,3-cd]pyrene	34	U	180	34
53-70-3	Dibenz(a,h)anthracene	23	U	180	23
91-94-1	3,3'-Dichlorobenzidine	640	U	3700	640
95-94-3	1,2,4,5-Tetrachlorobenzene	250	U	1800	250
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	1800	240

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-WT Lab Sample ID: 460-62993-20

Matrix: Solid Lab File ID: 112735.D

Analysis Method: 8270C Date Collected: 09/13/2013 10:15

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.01(g) Date Analyzed: 09/20/2013 08:52

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 10.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182283 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	75		38-105
4165-62-2	Phenol-d5	83		41-118
1718-51-0	Terphenyl-d14	86		16-151
118-79-6	2,4,6-Tribromophenol	69		10-120
367-12-4	2-Fluorophenol	86		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-WT | Lab Sample ID: 460-62993-20

Matrix: Solid | Lab File ID: 112735.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:15

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 08:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182283 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 190800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
2245-38-7	Naphthalene, 1,6,7-trimethyl-	6.48	7400	J N
829-26-5	Naphthalene, 2,3,6-trimethyl-	6.58	6800	J N
544-76-3	Hexadecane	6.75	8100	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	6.97	18000	J N
529-05-5	Azulene, 7-ethyl-1,4-dimethyl-	7.14	7600	J N
54105-67-8	Heptadecane, 2,6-dimethyl-	7.23	40000	J N
2050-67-1	1,1'-Biphenyl, 3,3'-dichloro-	7.27	7700	J N
2523-37-7	9H-Fluorene, 9-methyl-	7.32	7800	J N
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	7.40	7300	J N
55702-45-9	1,1'-Biphenyl, 2,3,6-trichloro-	7.62	8700	J N
6912-07-8	Hexadecane, 5-butyl-	7.69	18000	J N
	Unknown	7.79	11000	J
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	8.03	24000	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.10	11000	J N
52663-58-8	1,1'-Biphenyl, 2,3,4',6-tetrachloro-	8.30	7400	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112735.D		
Lims ID:	460-62993-E-20-C	Client ID:	PMP-7SE-WT
Inject. Date:	20-Sep-2013 08:52:30	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	460-0004829-018		
Misc. Info.:			
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	17
Lims Batch ID:	182283	Lims Sample ID:	18
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\8270_12.m		
Last Update:	20-Sep-2013 15:50:55	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: croccom		Date:	20-Sep-2013 11:36:04

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	1.940	1.934	0.006	96	197592	17.1	
$ 6 Phenol-d5	99	2.828	2.822	0.006	98	261466	16.7	
* 13 1,4-Dichlorobenzene-d4	152	3.140	3.140	0.0	95	464682	40.0	
$ 25 Nitrobenzene-d5	82	3.746	3.734	0.012	87	111903	7.51	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	1771653	40.0	
44 1,2,4,5-Tetrachlorobenzene	216	5.387	5.369	0.018	16	2239	0.1558	
$ 48 2-Fluorobiphenyl	172	5.581	5.581	0.0	97	285182	9.19	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	94	918206	40.0	
62 Acenaphthene	154	6.251	6.251	0.0	59	18790	0.7586	
$ 76 2,4,6-Tribromophenol	330	6.998	6.992	0.006	80	79762	13.8	
* 83 Phenanthrene-d10	188	7.657	7.657	0.0	97	1383239	40.0	
84 Phenanthrene	178	7.681	7.680	0.001	52	67760	1.73	
90 Pyrene	202	9.045	9.039	0.006	94	61142	1.45	
$ 91 Terphenyl-d14	244	9.233	9.233	0.0	98	259807	8.56	
* 96 Chrysene-d12	240	10.216	10.222	-0.006	99	1281135	40.0	
98 Bis(2-ethylhexyl) phthalate	149	10.328	10.333	-0.005	80	10095	0.3920	
* 103 Perylene-d12	264	11.798	11.804	-0.006	98	1510354	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112735.D		
Lims ID:	460-62993-E-20-C	Client ID:	PMP-7SE-WT
Inject. Date:	20-Sep-2013 08:52:30	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	460-0004829-018		
Misc. Info.:			
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	17
Lims Batch ID:	182283	Lims Sample ID:	18
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\8270_12.m		
Last Update:	20-Sep-2013 15:50:55	Calib Date:	16-Sep-2013 20:10:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	75		
Process Host:	XAWRK008		
First Level Reviewer: croccom		Date:	20-Sep-2013 11:36:04

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
	2245-38-7 Naphthalene, 1,6,7-trimethyl-					
6.481	2419420	20.0	61	97	36214	
	829-26-5 Naphthalene, 2,3,6-trimethyl-					
6.575	2208875	18.3	61	97	36212	
	544-76-3 Hexadecane					
6.751	2656919	22.0	61	93	73963	
	3892-00-0 Pentadecane, 2,6,10-trimethyl-					
6.969	5223001	49.3	83	90	91053	
	529-05-5 Azulene, 7-ethyl-1,4-dimethyl-					
7.139	2184431	20.6	83	94	45639	
	54105-67-8 Heptadecane, 2,6-dimethyl-					
7.234	11434843	107.9	83	91	99490	
	2050-67-1 1,1'-Biphenyl, 3,3'-dichloro-					
7.269	2214535	20.9	83	98	70599	
	2523-37-7 9H-Fluorene, 9-methyl-					
7.322	2219451	21.0	83	87	42787	
	54833-48-6 Heptadecane, 2,6,10,15-tetramethyl-					
7.404	2095586	19.8	83	80	115581	
	55702-45-9 1,1'-Biphenyl, 2,3,6-trichloro-					
7.622	2500732	23.6	83	99	91783	
	6912-07-8 Hexadecane, 5-butyl-					
7.686	5192754	49.0	83	91	107657	
	Unknown					
7.792	3156776	29.8	83	0	0	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
	7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-				
8.028	6740356	63.6	83	99	91791	
	16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-				
8.098	3218533	30.4	83	99	91788	
	52663-58-8	1,1'-Biphenyl, 2,3,4',6-tetrachloro-				
8.298	2123107	20.0	83	99	111709	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	6.216	4840533	40.0
* 83 Phenanthrene-d10	7.657	4237145	40.0

QC Flag Legend

Processing Flags

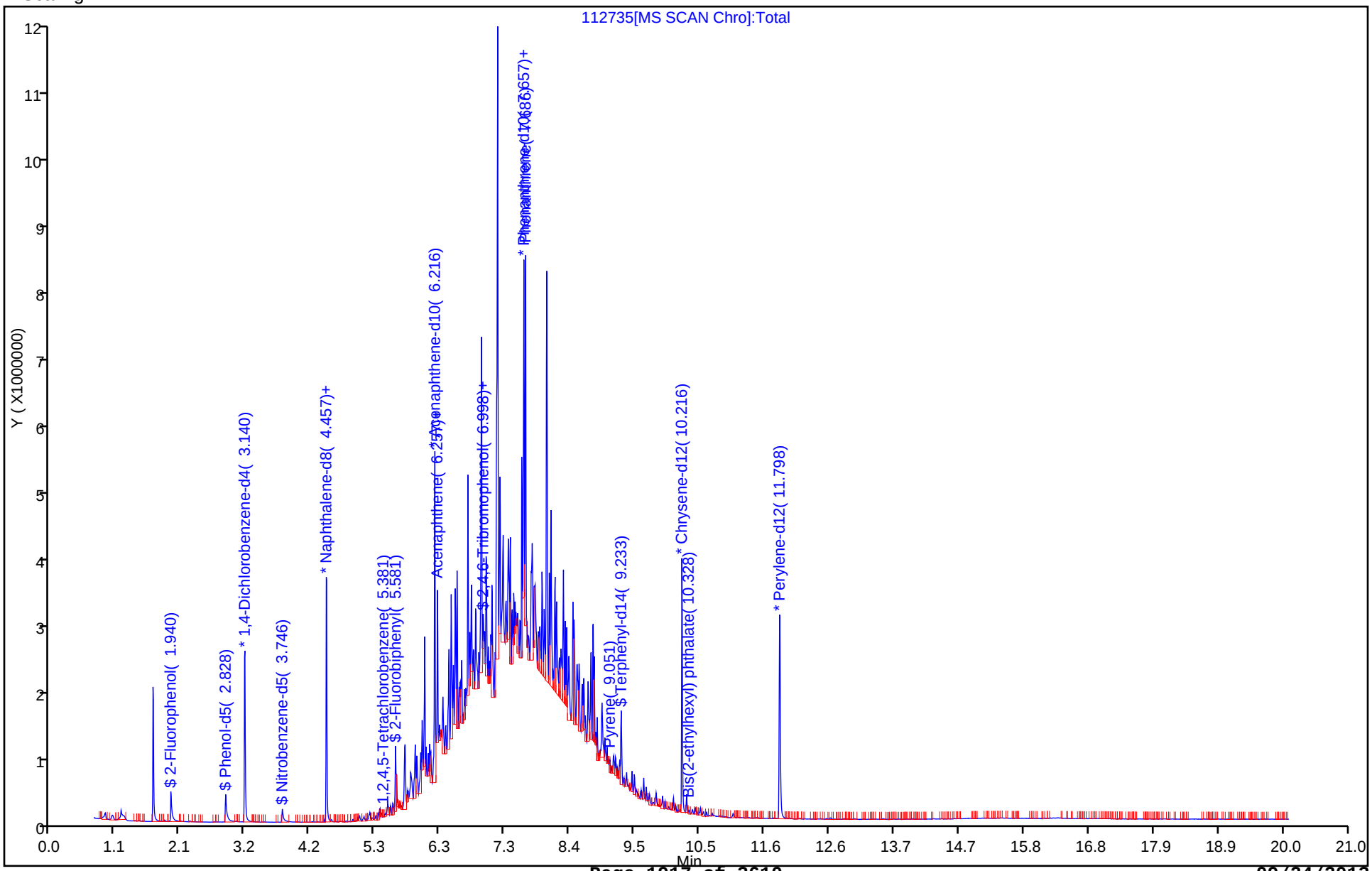
Report Date: 20-Sep-2013 15:52:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112735.D

Injection Date:	20-Sep-2013 08:52:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	18
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:

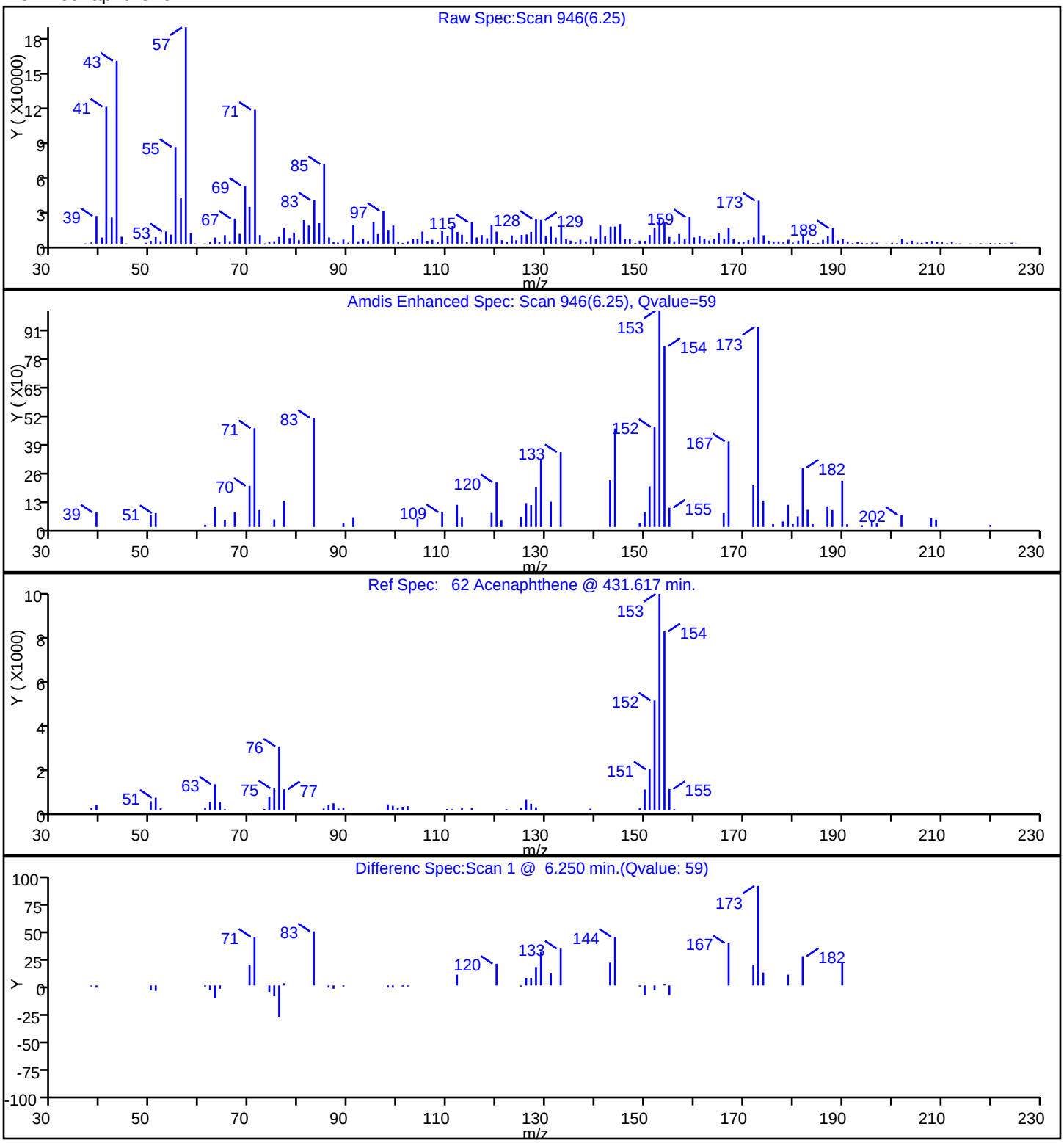


Report Date: 20-Sep-2013 15:52:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112735.D		
Injection Date:	20-Sep-2013 08:52:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	18
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

62 Acenaphthene



Report Date: 20-Sep-2013 15:52:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

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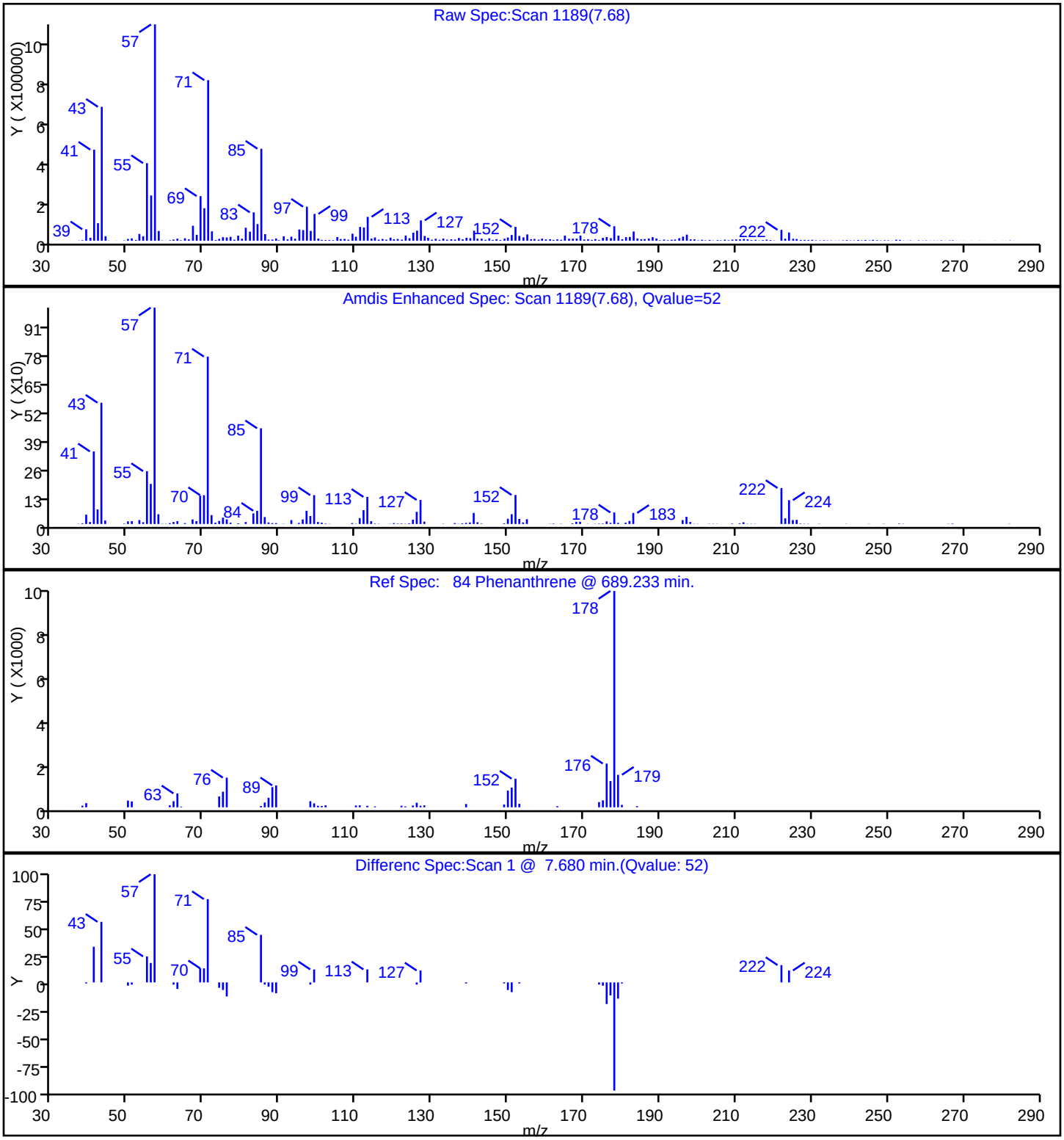
Injection Date:	20-Sep-2013 08:52:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	18
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

84 Phenanthrene



Report Date: 20-Sep-2013 15:52:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

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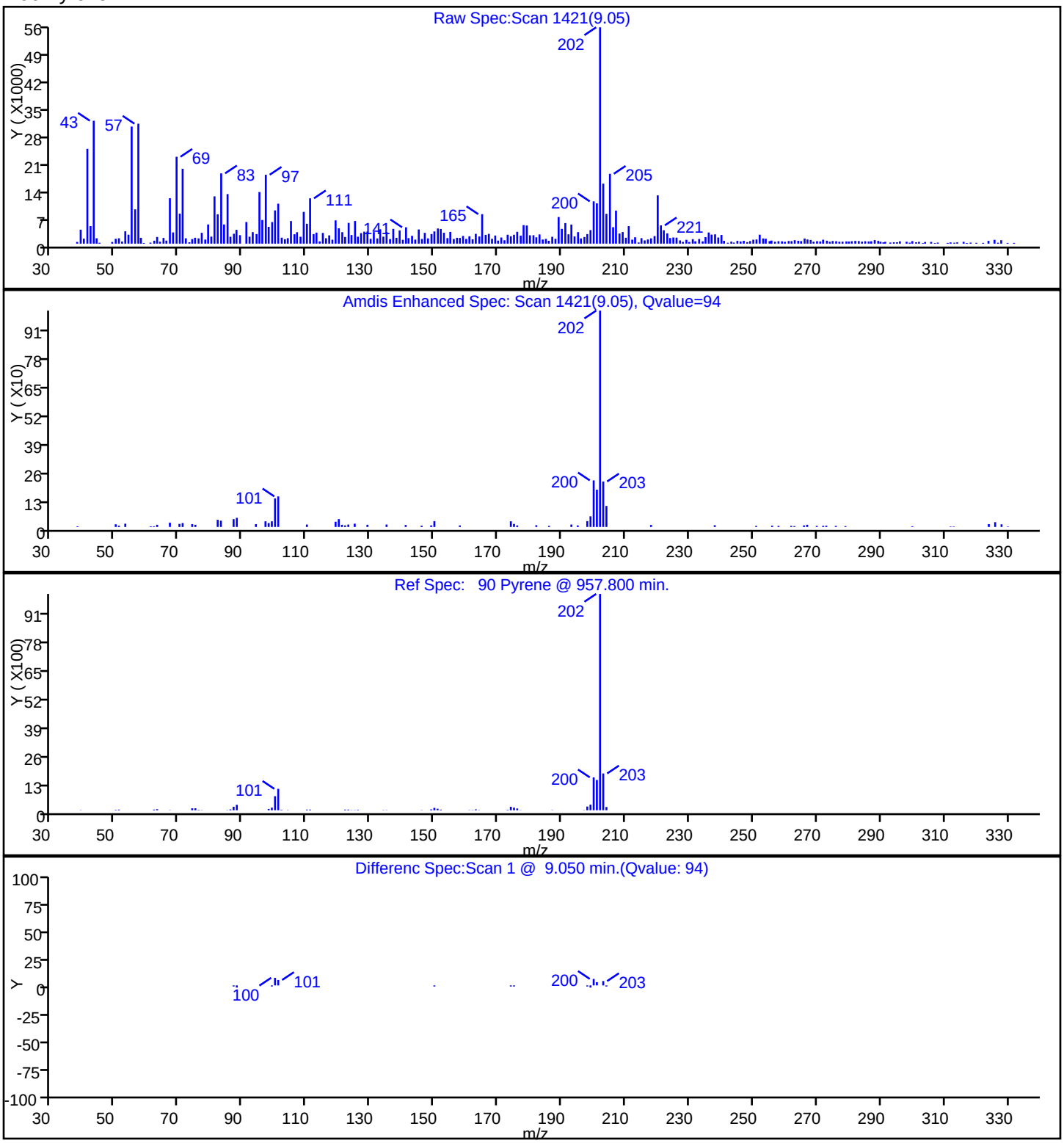
Injection Date:	20-Sep-2013 08:52:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	18
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

90 Pyrene



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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112735.D

Injection Date: 20-Sep-2013 08:52:30 Limit Group: SV 8270 ICAL

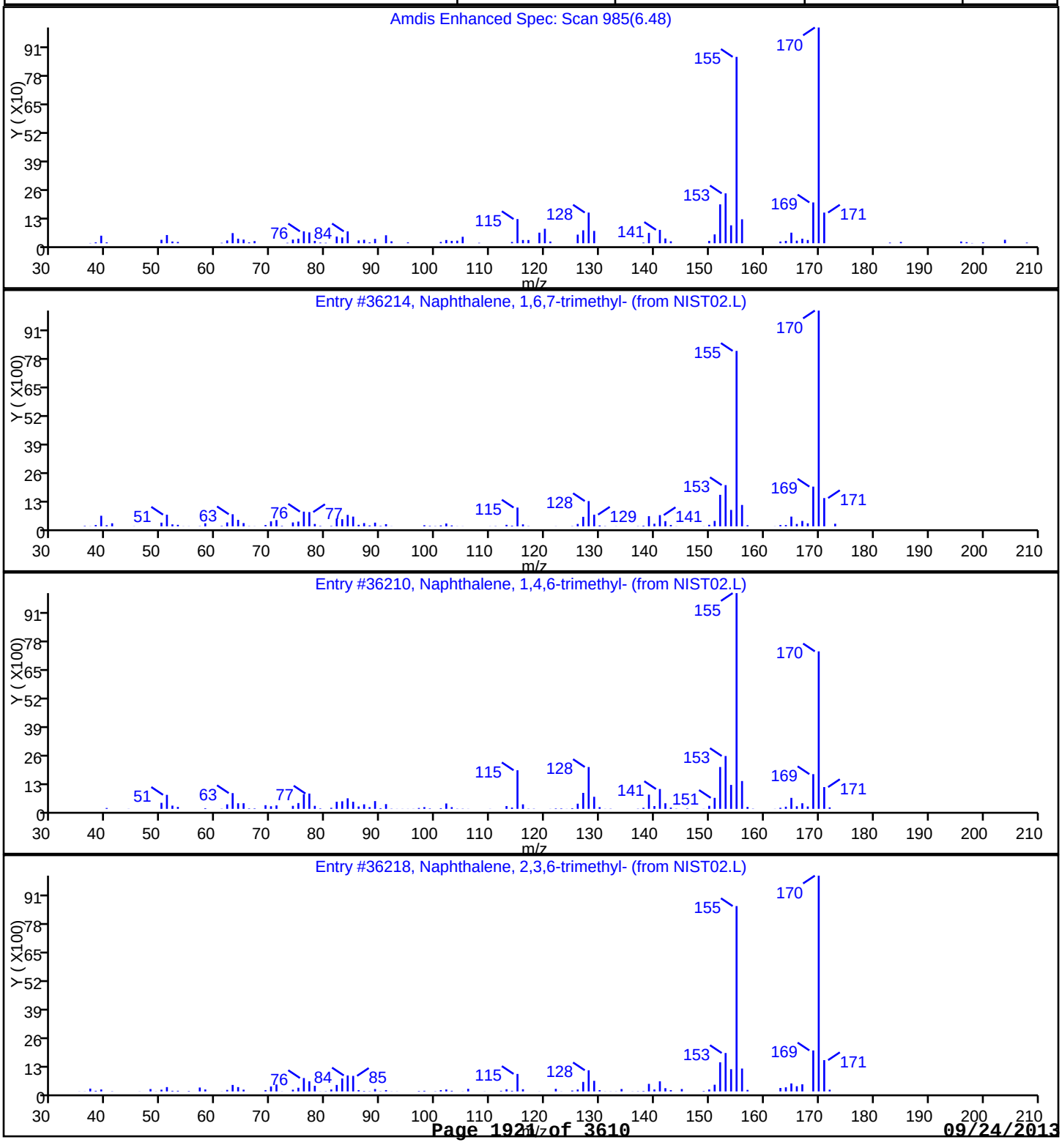
Client ID: PMP-7SE-WT Instrument ID: CBNAMS12

Lims Batch ID: 182283 Lims Sample ID: 18

Operator ID: BNA 12 Injection Vol: 1.0 ul

Column Type: Column Dia:

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36214	97
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.L	36210	96
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36218	94



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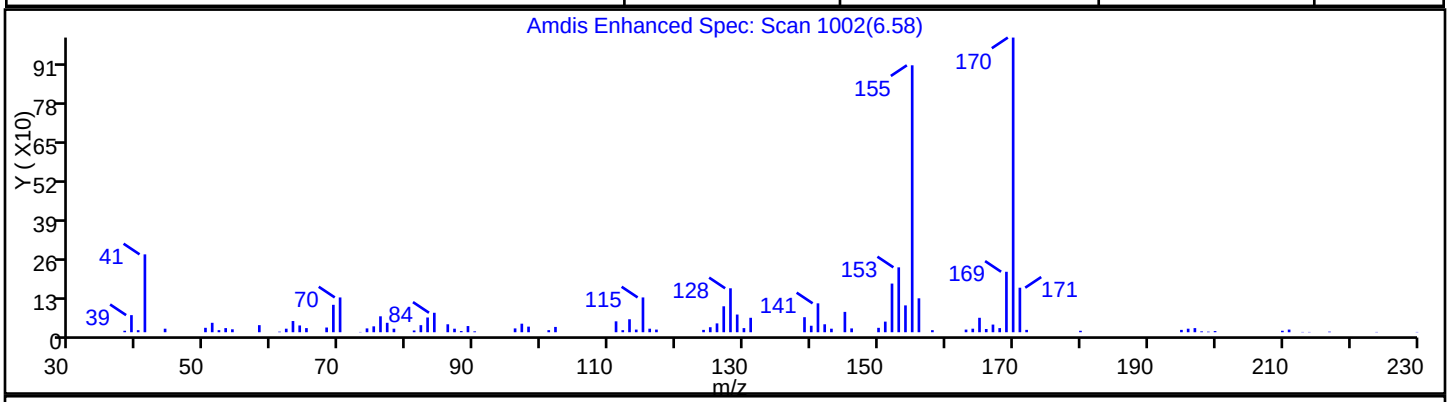
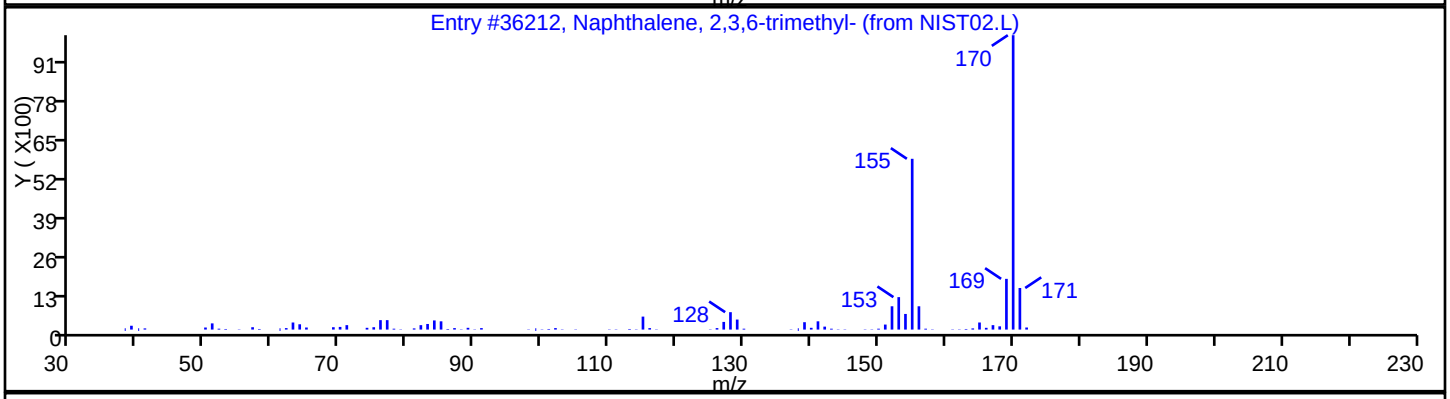
TestAmerica Edison

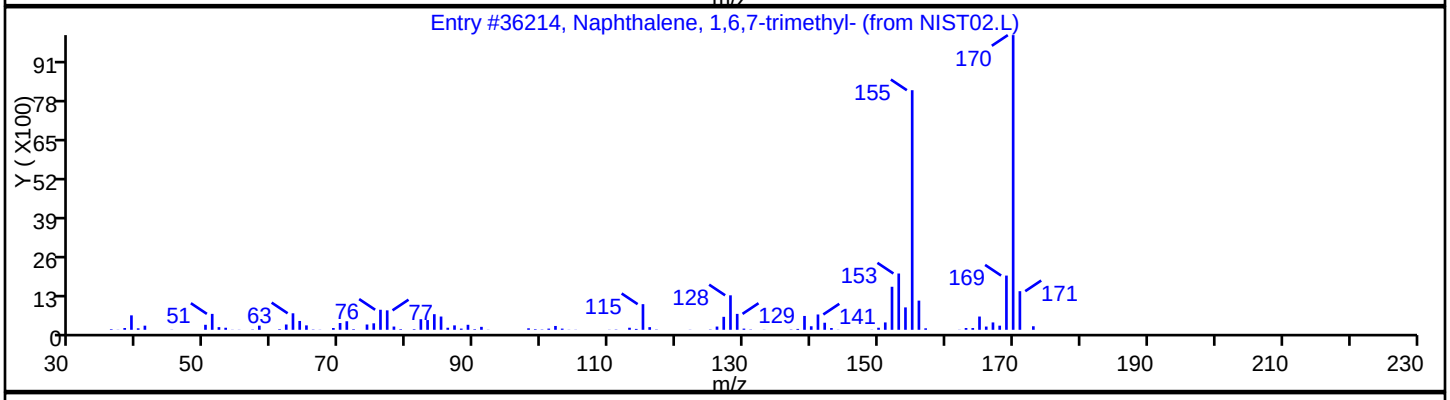
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112735.D

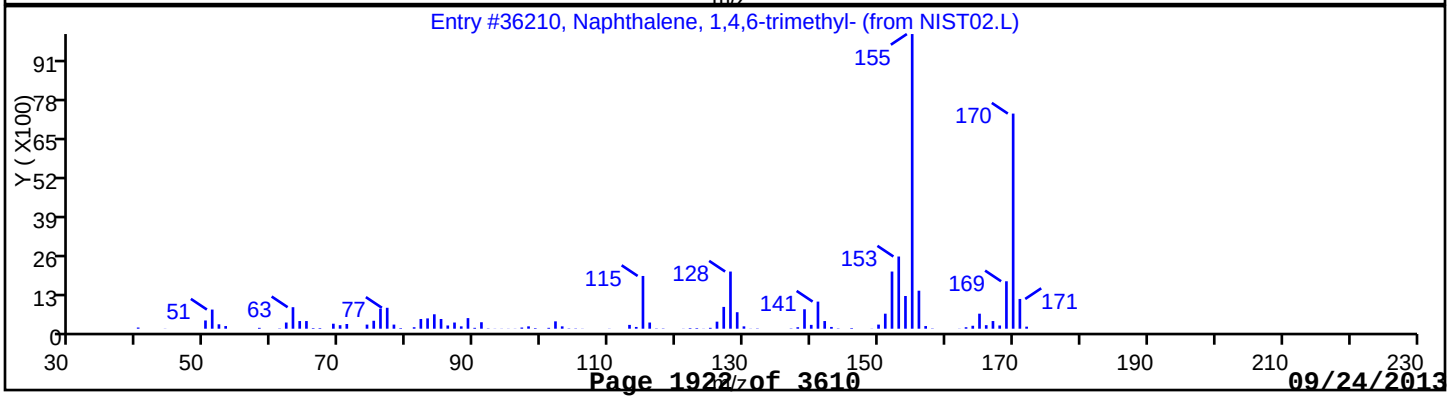
Injection Date:	20-Sep-2013 08:52:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	18
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36212	97
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36214	97
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.L	36210	96









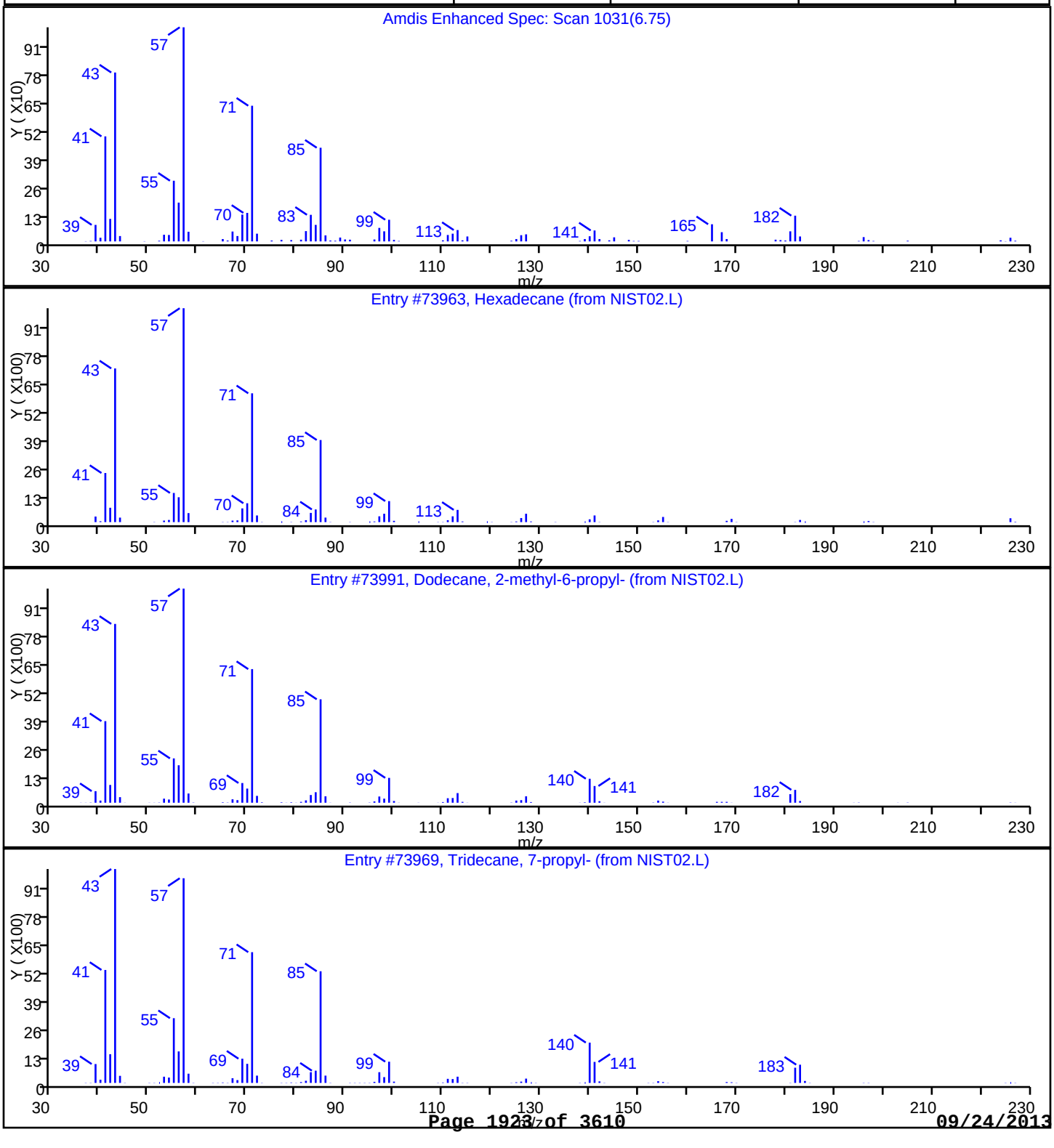
Report Date: 20-Sep-2013 15:52:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112735.D

Injection Date:	20-Sep-2013 08:52:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	18
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane	544-76-3	NIST02.L	73963	93
Dodecane, 2-methyl-6-propyl-	55045-08-4	NIST02.L	73991	80
Tridecane, 7-propyl-	55045-09-5	NIST02.L	73969	80



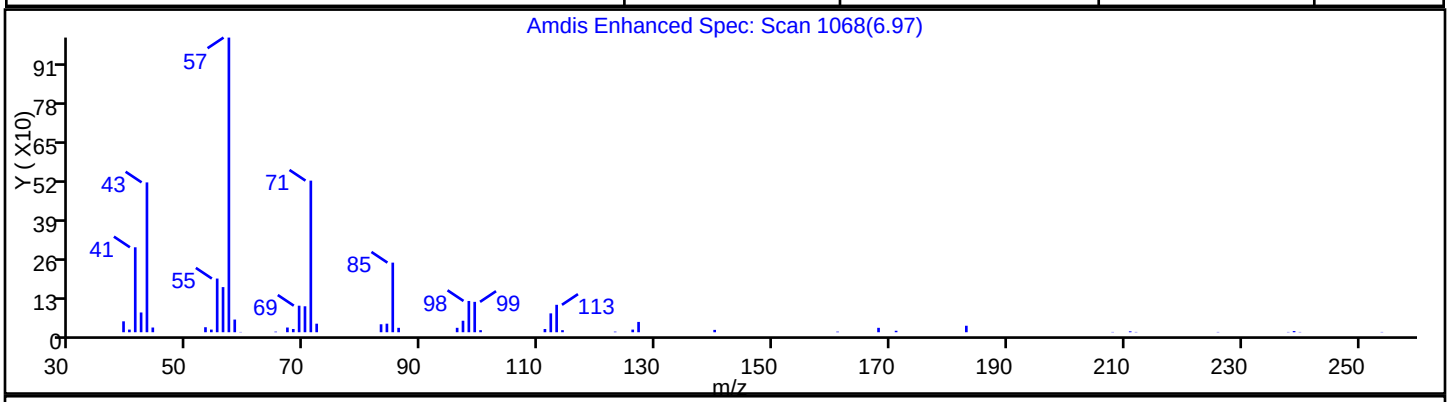
Report Date: 20-Sep-2013 15:52:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50

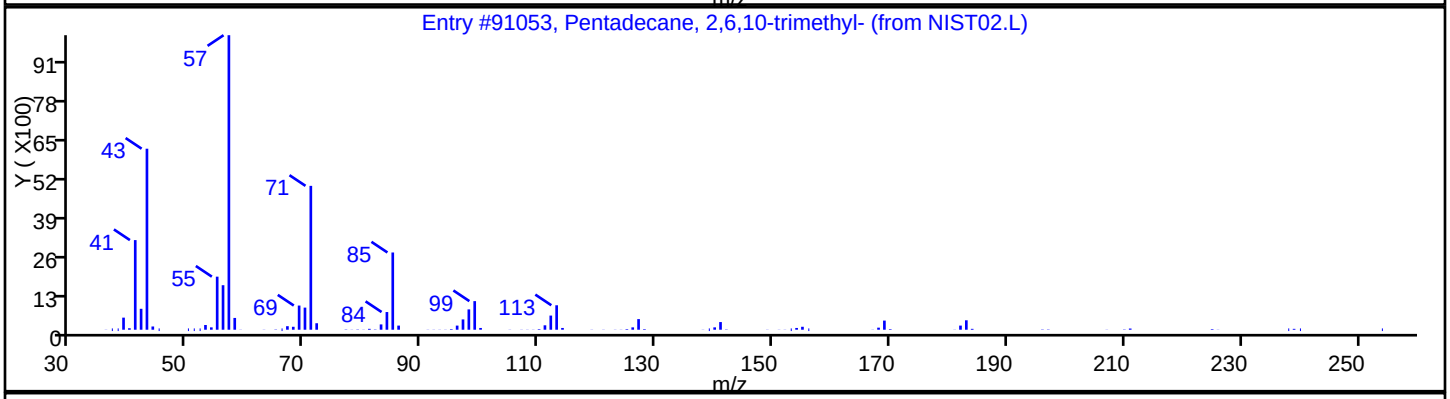
TestAmerica Edison

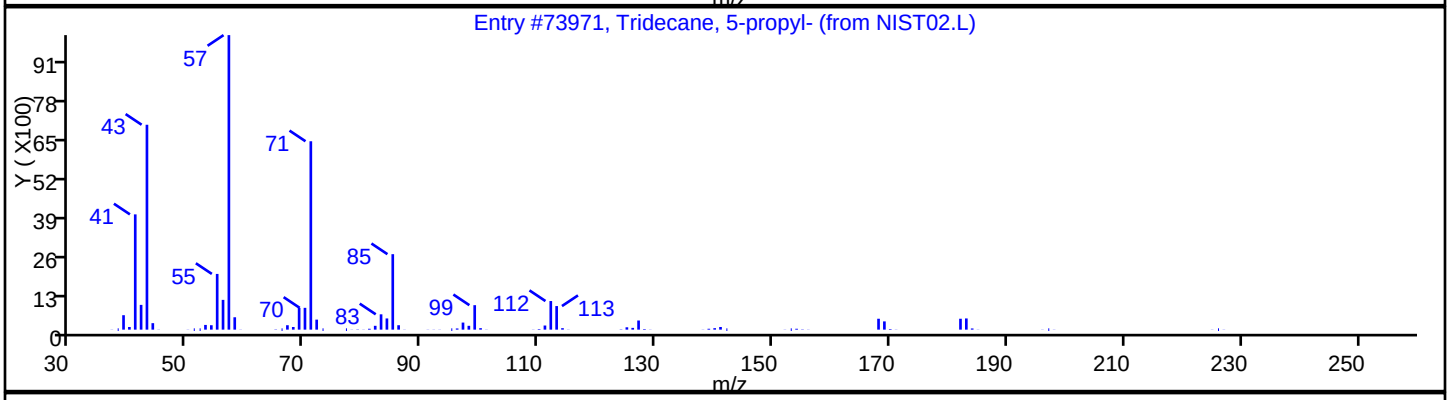
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112735.D

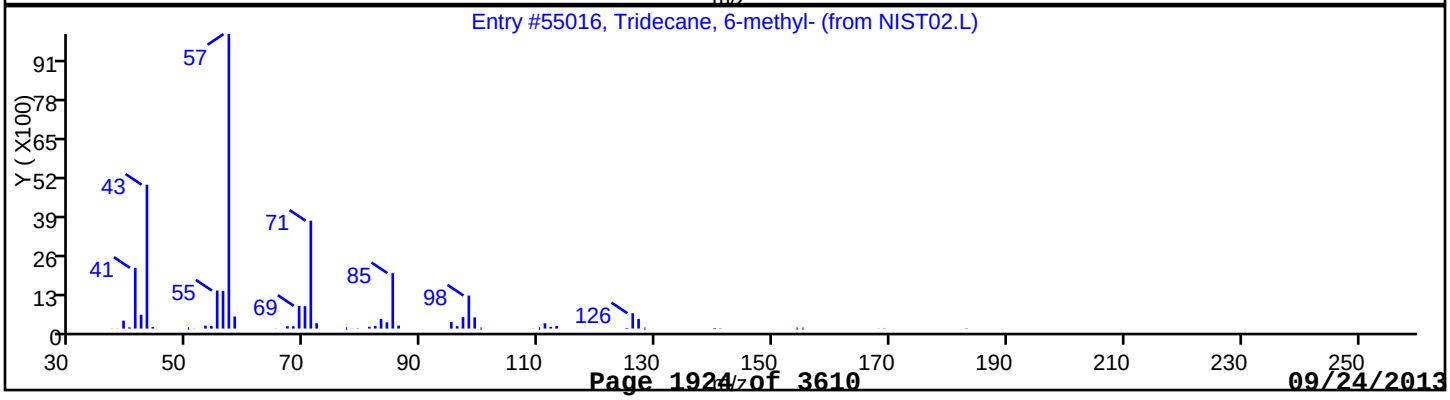
Injection Date:	20-Sep-2013 08:52:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	18
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	90
Tridecane, 5-propyl-	55045-11-9	NIST02.L	73971	81
Tridecane, 6-methyl-	13287-21-3	NIST02.L	55016	80









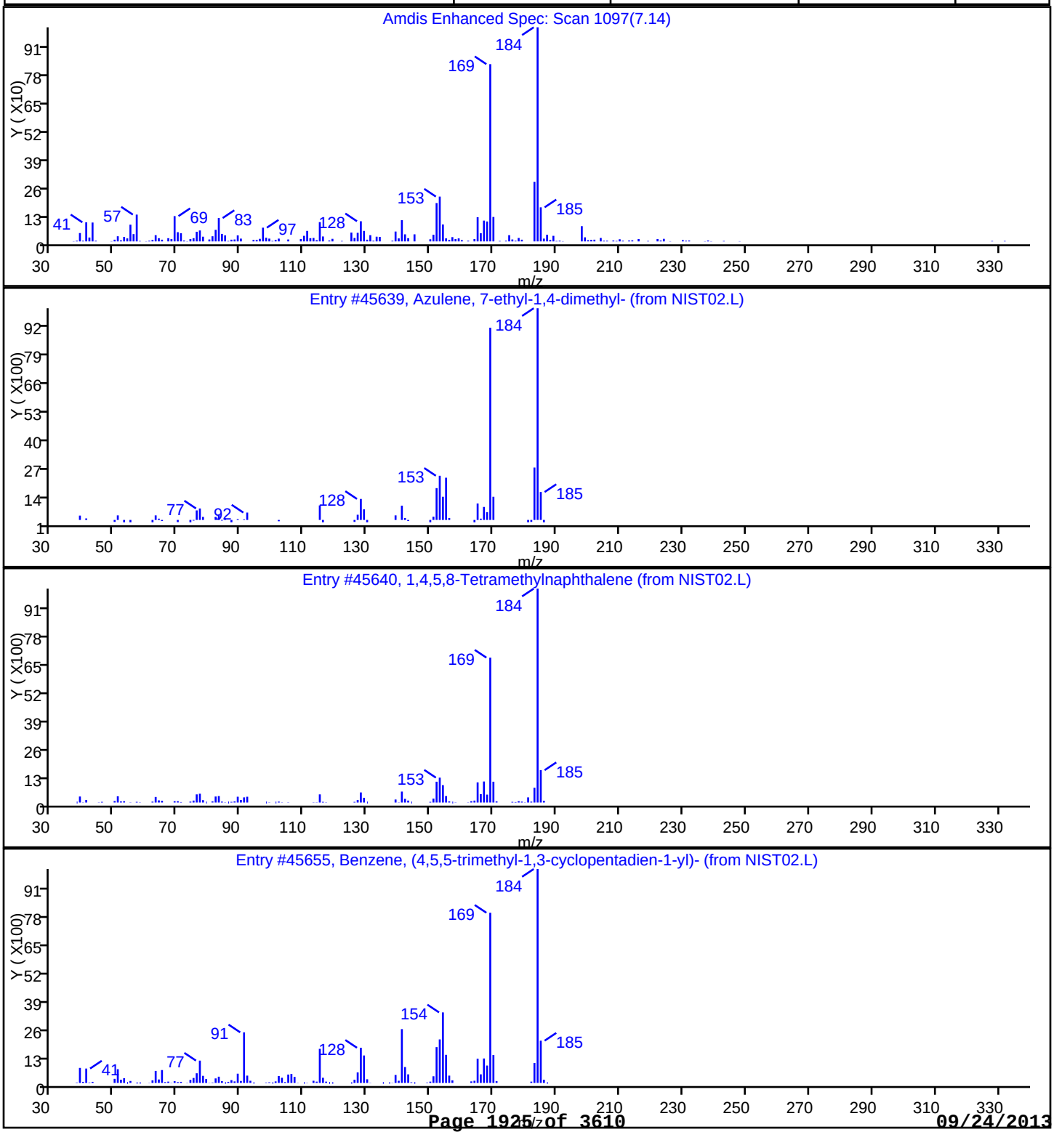
Report Date: 20-Sep-2013 15:52:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112735.D

Injection Date:	20-Sep-2013 08:52:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	18
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Azulene, 7-ethyl-1,4-dimethyl-	529-05-5	NIST02.L	45639	94
1,4,5,8-Tetramethylnaphthalene	2717-39-7	NIST02.L	45640	93
Benzene, (4,5,5-trimethyl-1,3-cyclopenta	33930-85-7	NIST02.L	45655	83



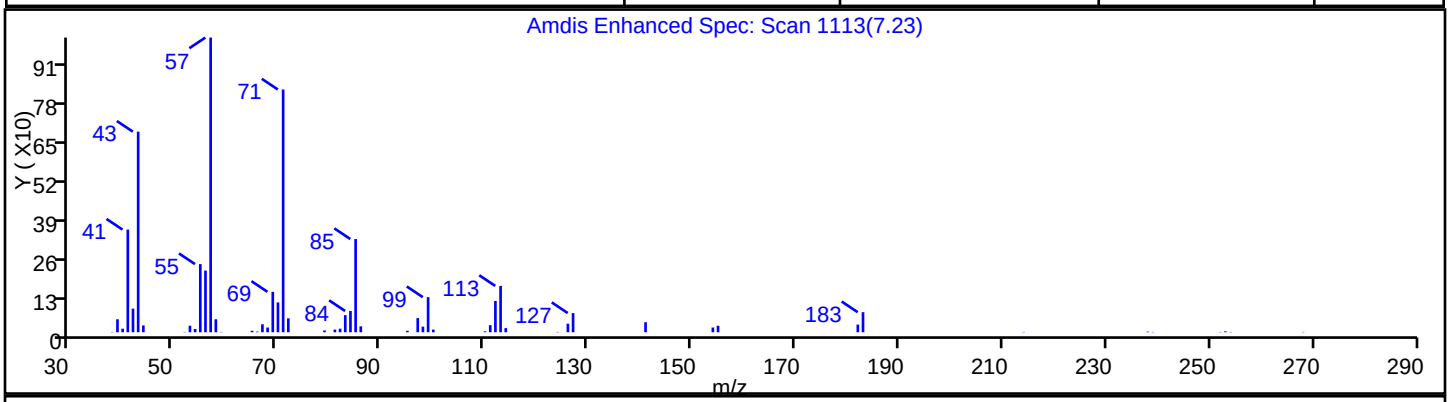
Report Date: 20-Sep-2013 15:52:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50

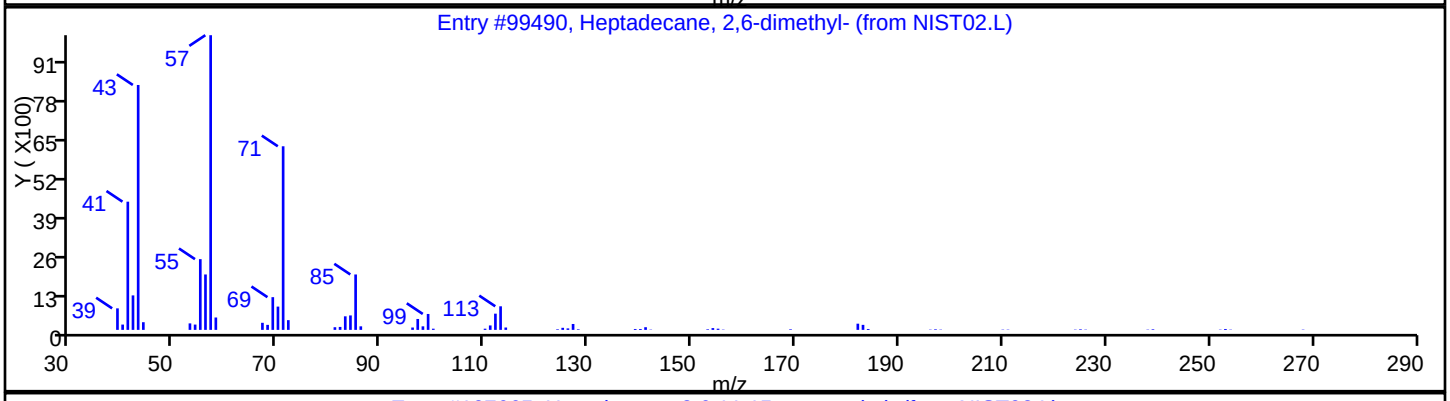
TestAmerica Edison

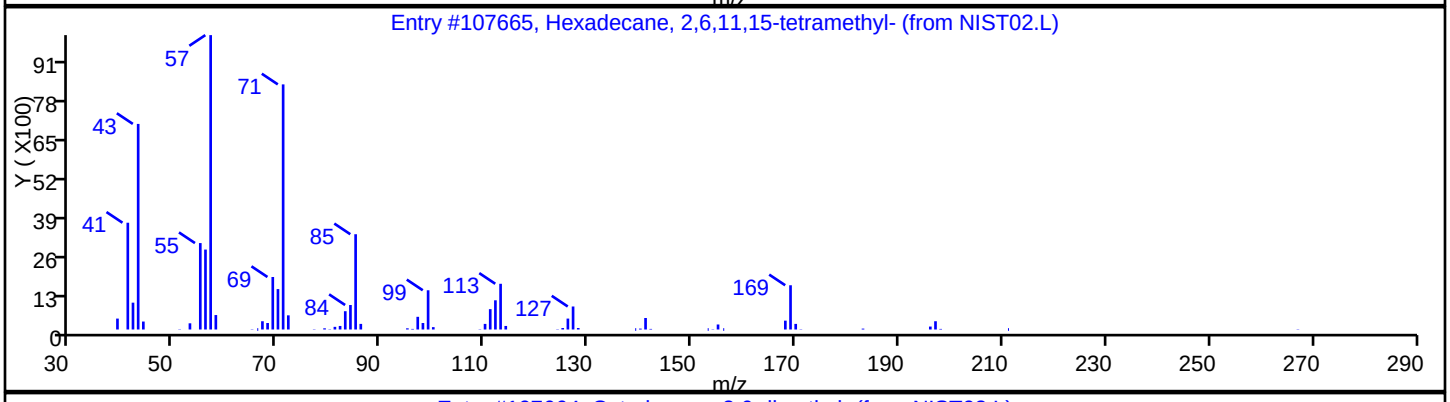
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112735.D

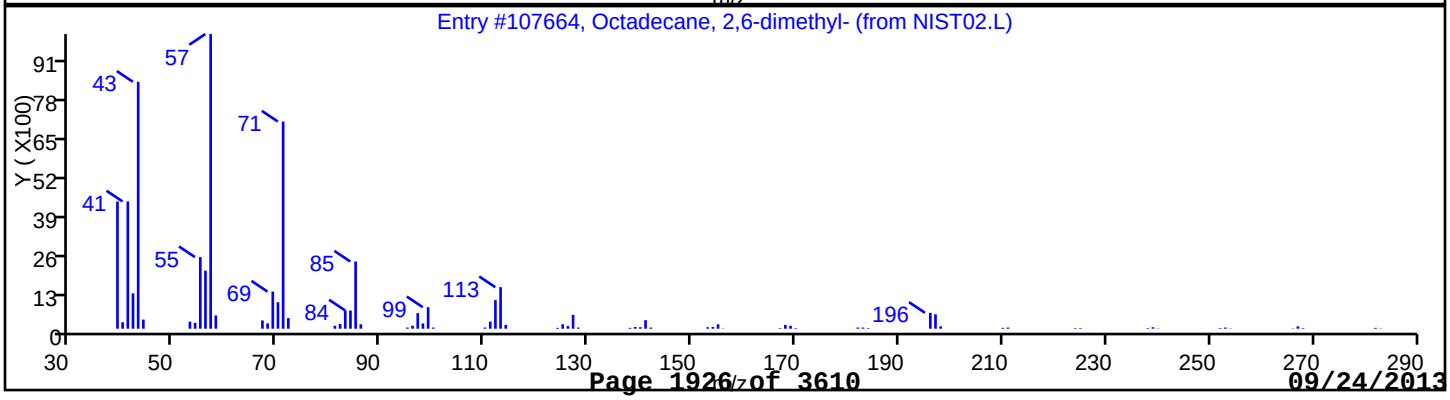
Injection Date:	20-Sep-2013 08:52:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	18
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	91
Hexadecane, 2,6,11,15-tetramethyl-	504-44-9	NIST02.L	107665	91
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.L	107664	90







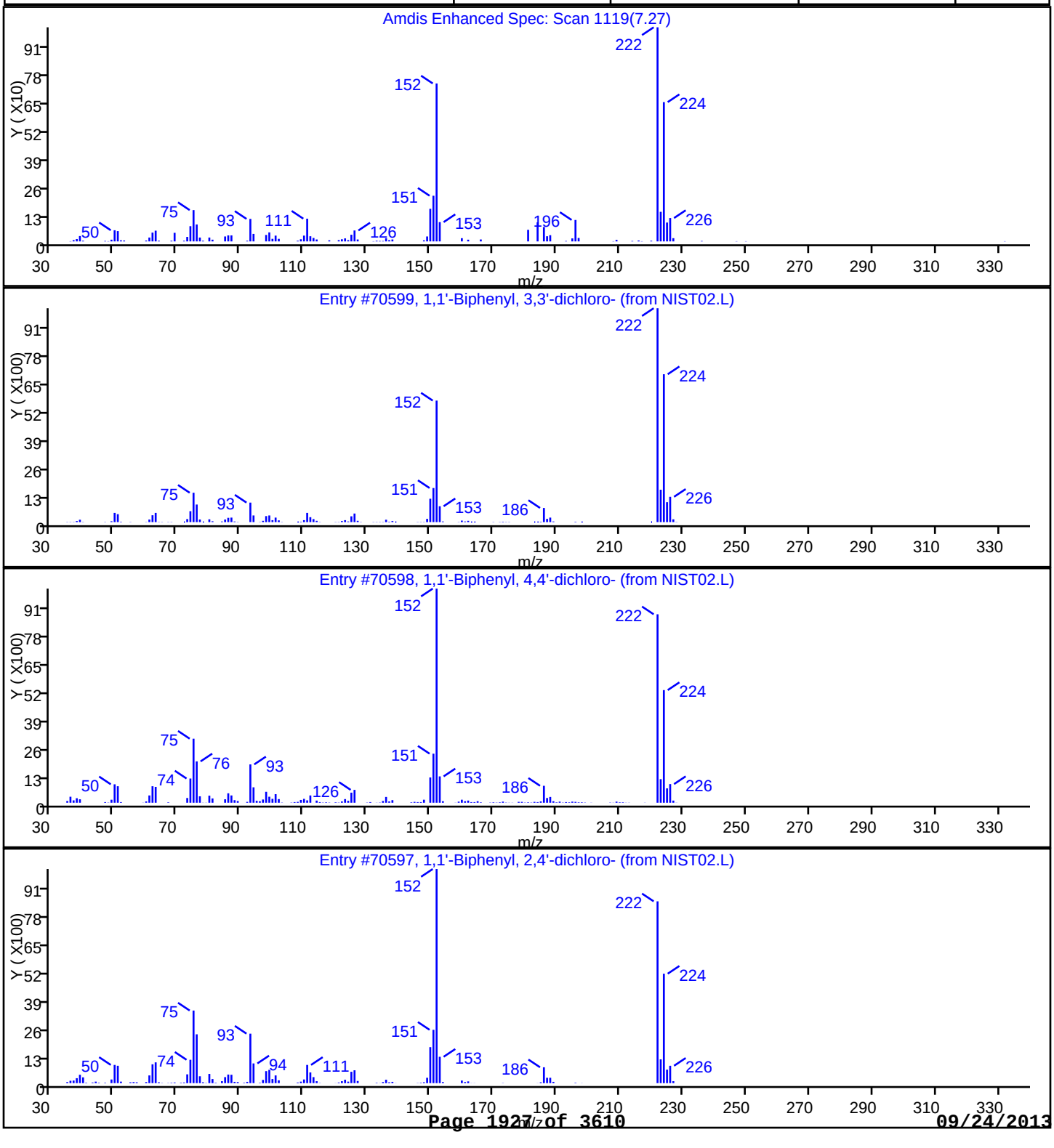


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112735.D

Injection Date:	20-Sep-2013 08:52:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	18
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.L	70599	98
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.L	70598	98
1,1'-Biphenyl, 2,4'-dichloro-	34883-43-7	NIST02.L	70597	97

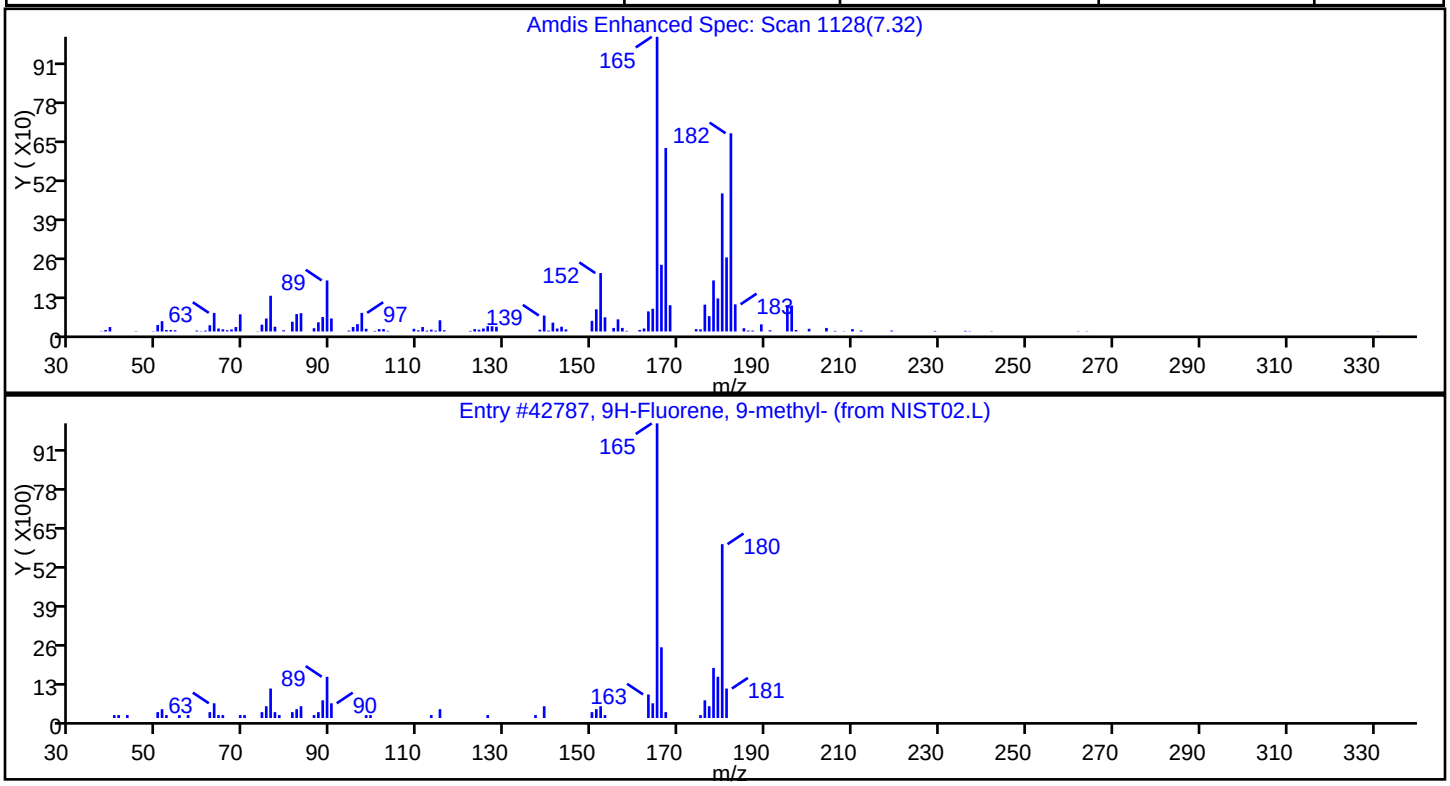


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112735.D

Injection Date:	20-Sep-2013 08:52:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	18
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
9H-Fluorene, 9-methyl-	2523-37-7	NIST02.L	42787	87



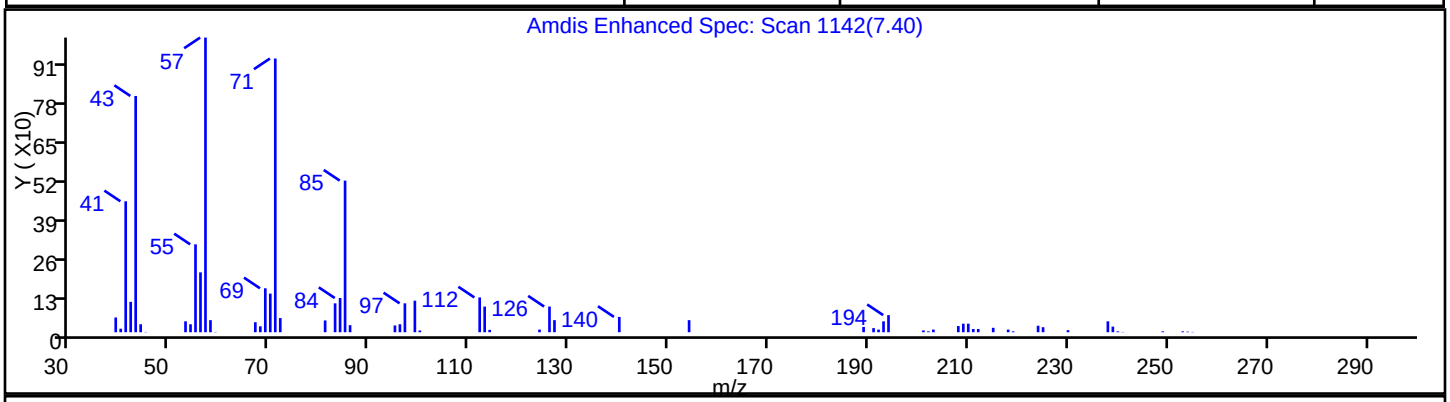
Report Date: 20-Sep-2013 15:52:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

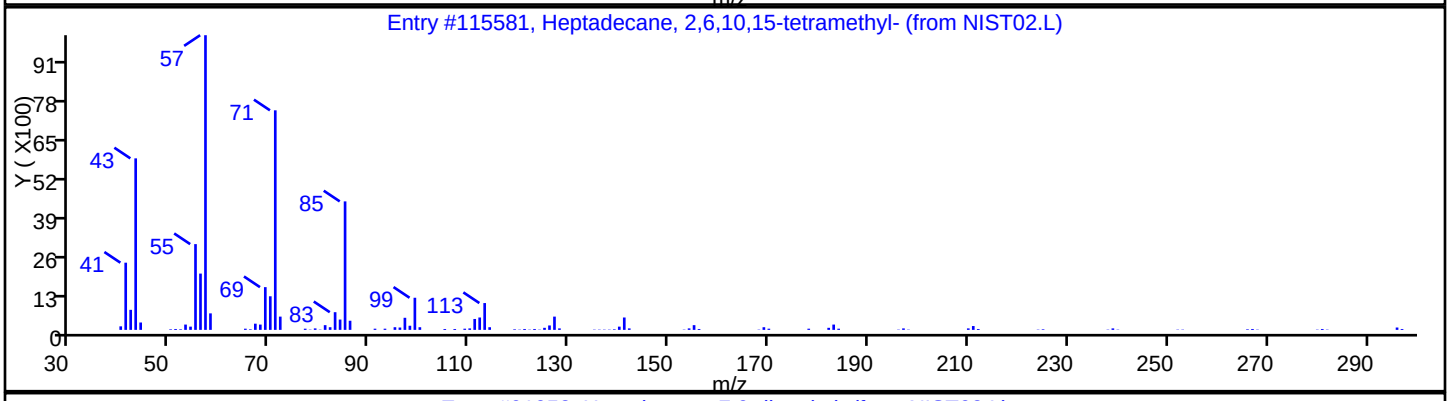
TestAmerica Edison

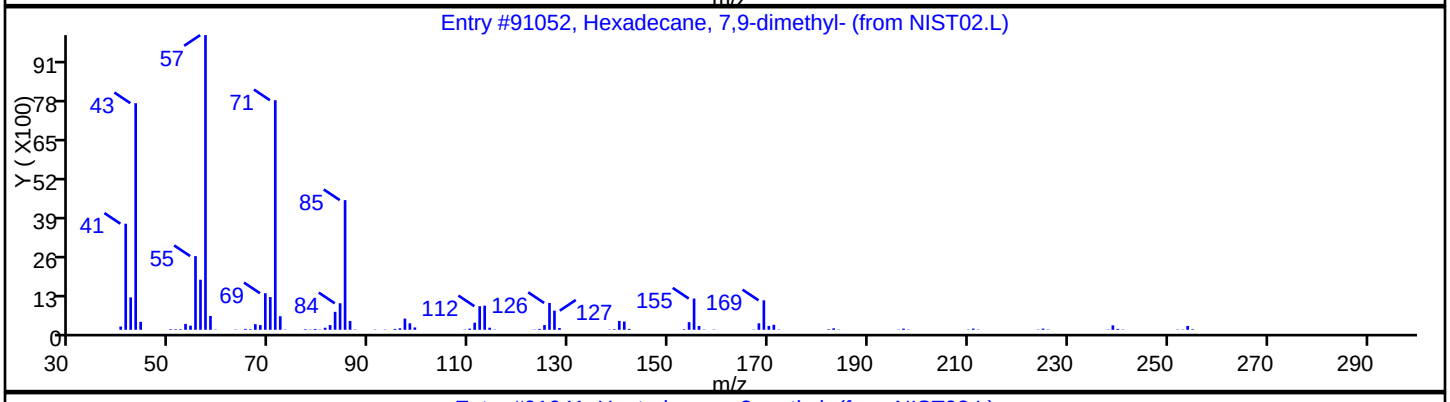
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112735.D

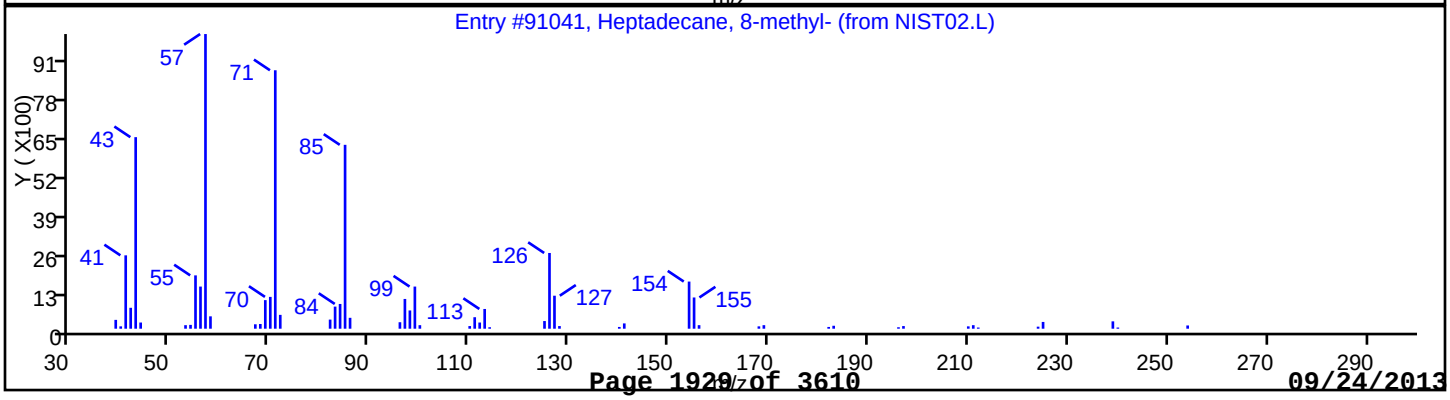
Injection Date:	20-Sep-2013 08:52:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	18
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	80
Hexadecane, 7,9-dimethyl-	21164-95-4	NIST02.L	91052	80
Heptadecane, 8-methyl-	13287-23-5	NIST02.L	91041	72









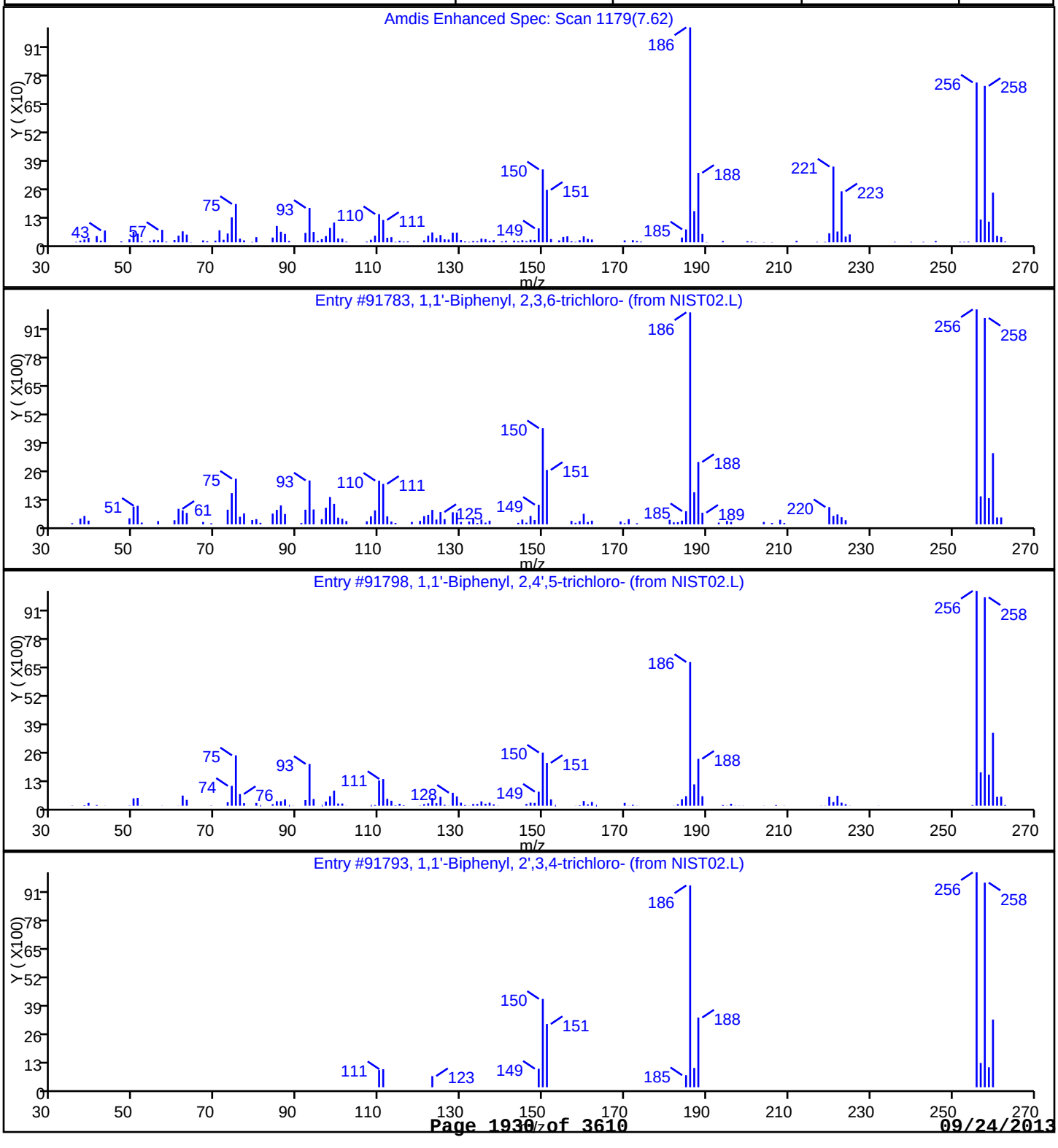
Report Date: 20-Sep-2013 15:52:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112735.D

Injection Date:	20-Sep-2013 08:52:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	18
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.L	91783	99
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	98
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	98



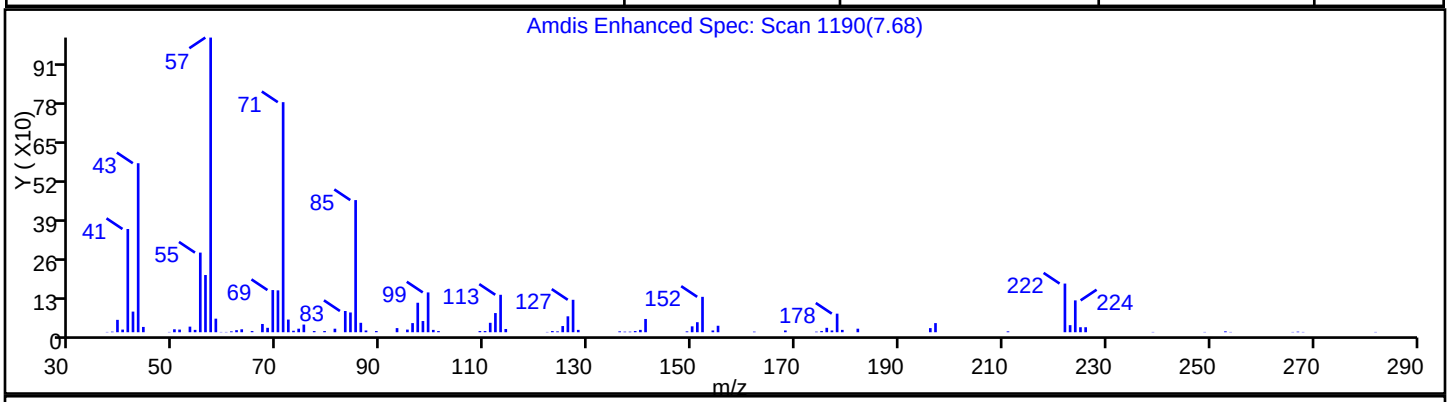
Report Date: 20-Sep-2013 15:52:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

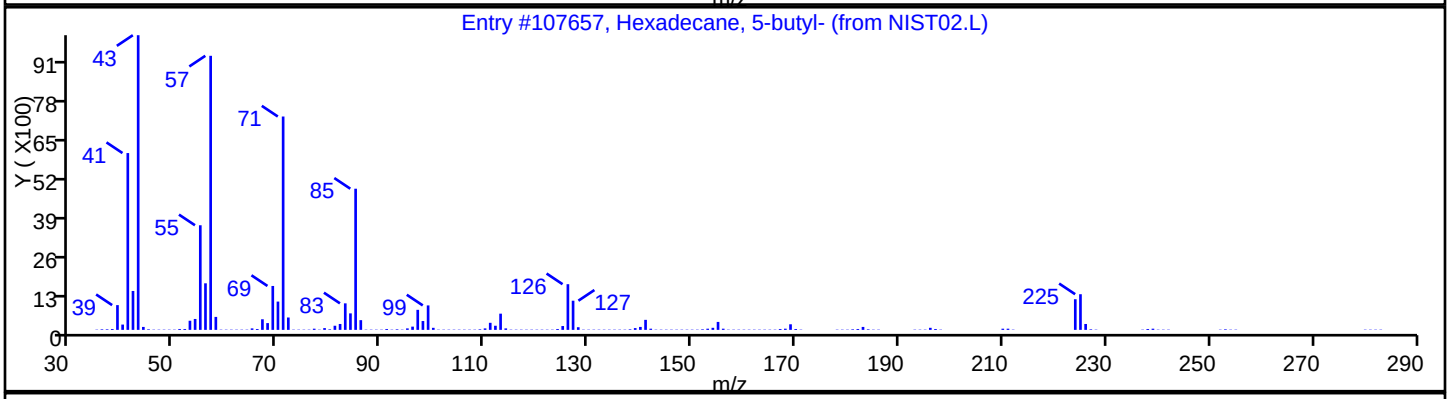
TestAmerica Edison

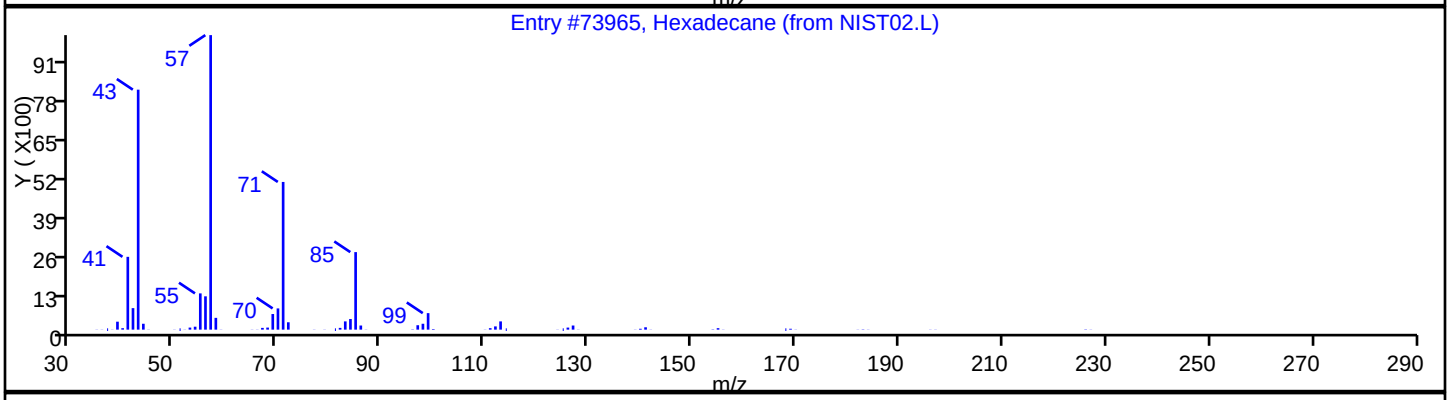
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112735.D

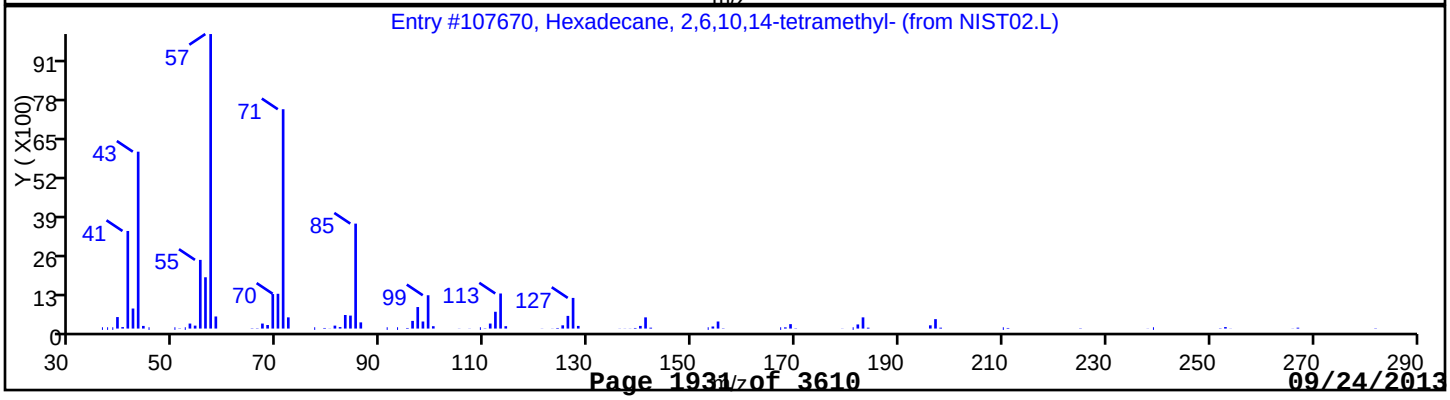
Injection Date:	20-Sep-2013 08:52:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	18
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane, 5-butyl-	6912-07-8	NIST02.L	107657	91
Hexadecane	544-76-3	NIST02.L	73965	90
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	87









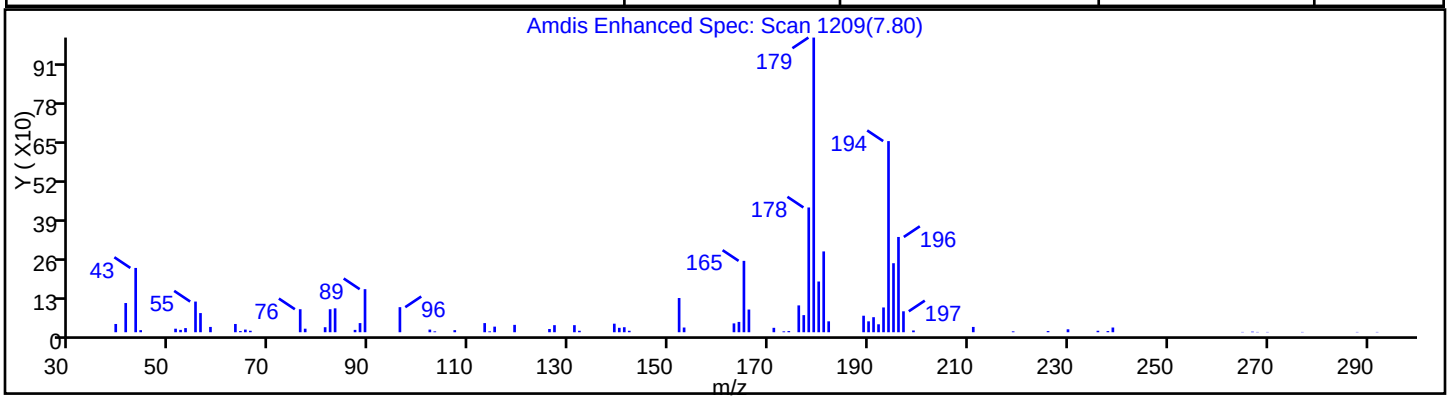
Report Date: 20-Sep-2013 15:52:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

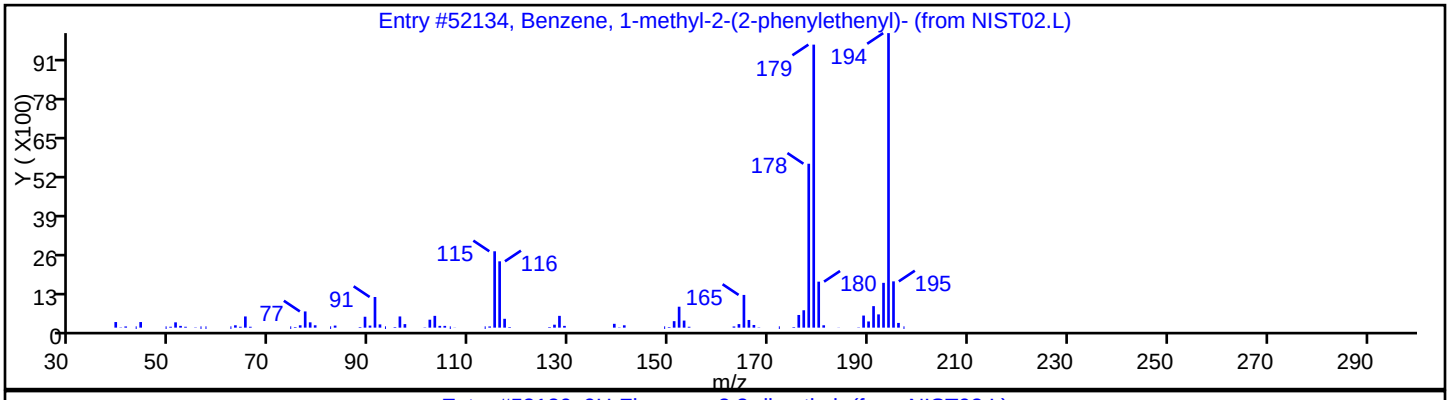
TestAmerica Edison

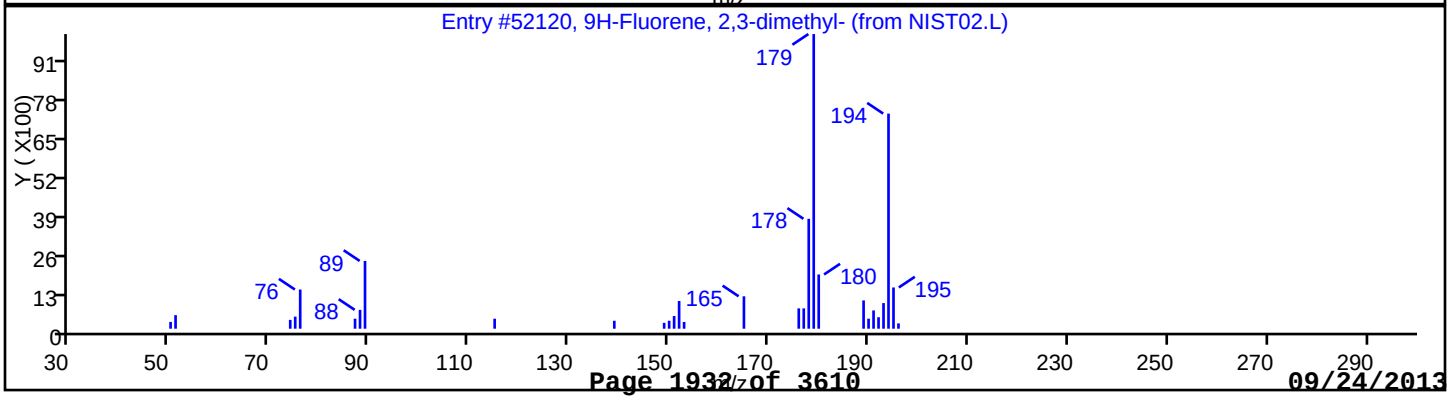
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112735.D

Injection Date:	20-Sep-2013 08:52:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	18
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown		NIST02.L	0	0
Benzene, 1-methyl-2-(2-phenylethenyl)-	74685-42-0	NIST02.L	52134	76
9H-Fluorene, 2,3-dimethyl-	4612-63-9	NIST02.L	52120	70







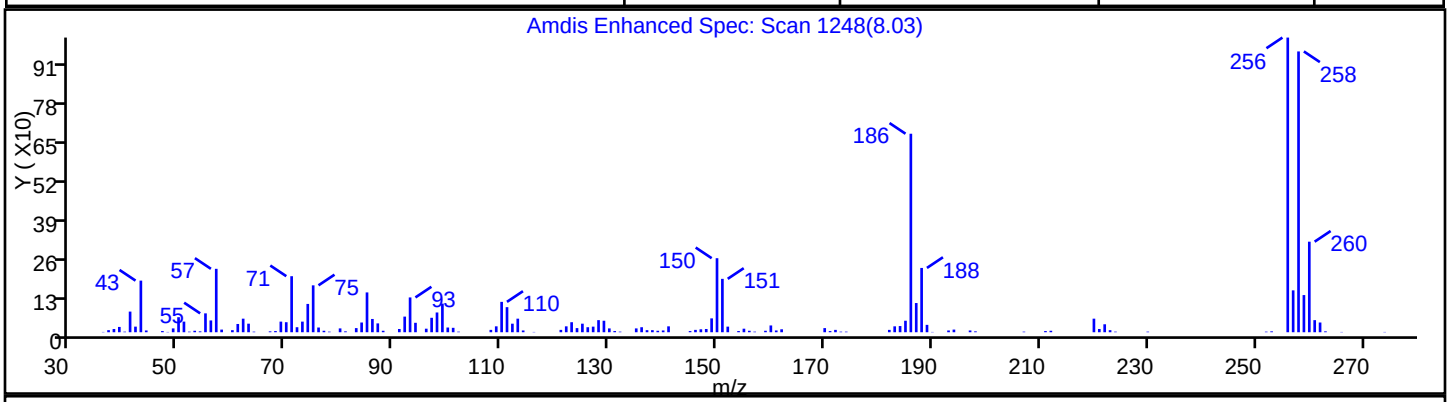
Report Date: 20-Sep-2013 15:52:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

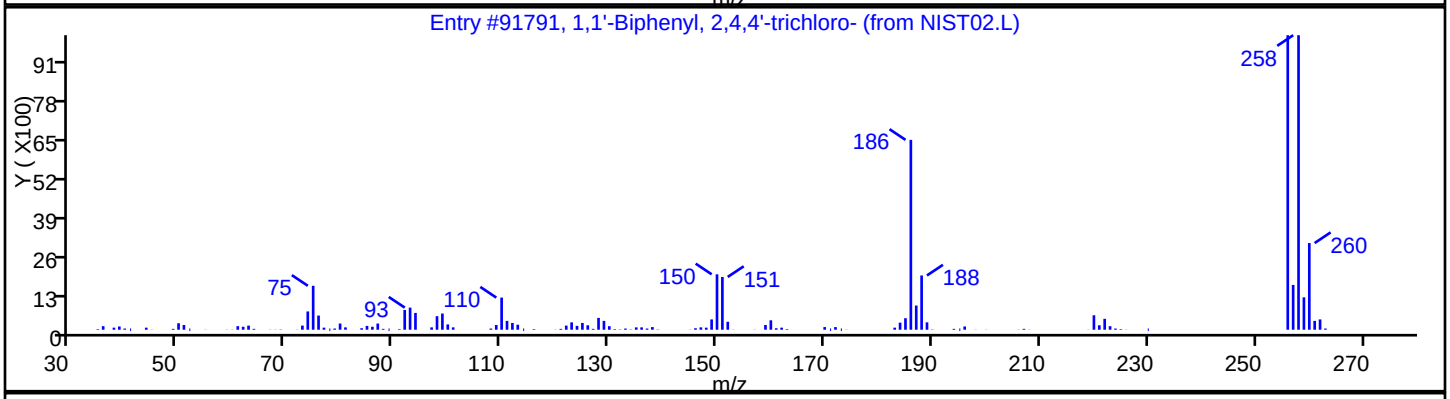
TestAmerica Edison

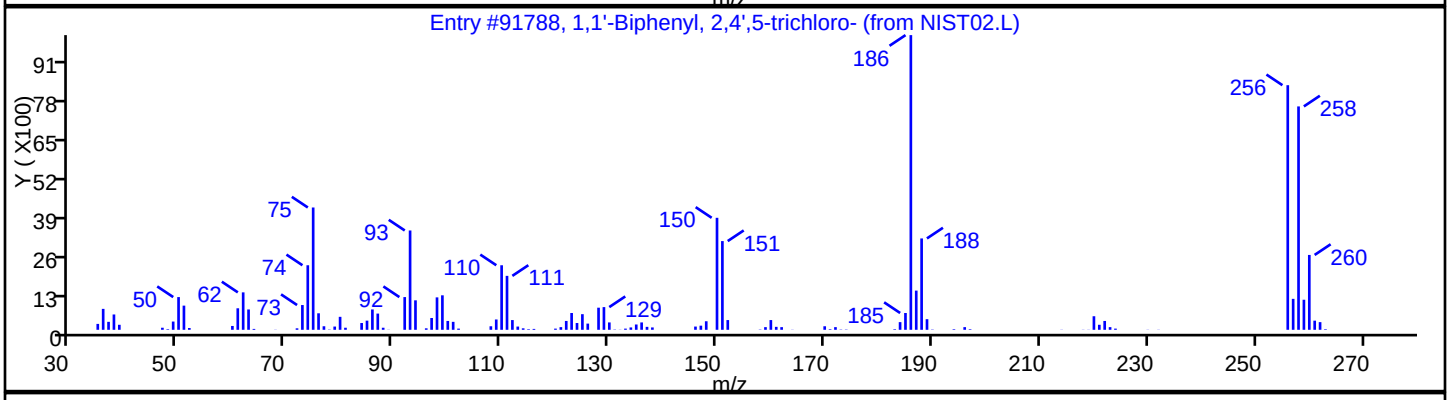
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112735.D

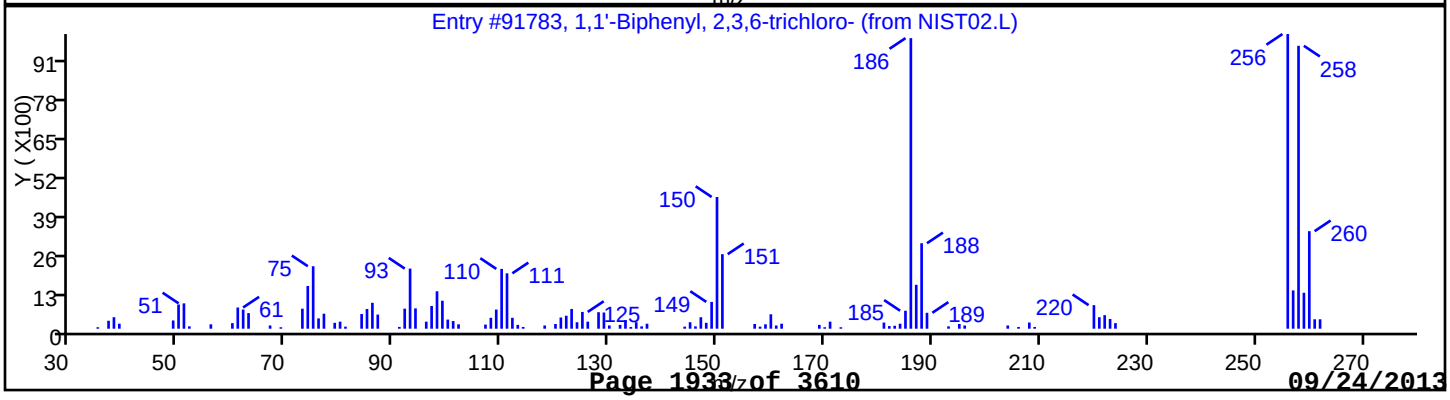
Injection Date:	20-Sep-2013 08:52:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	18
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	99
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	98
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.L	91783	97









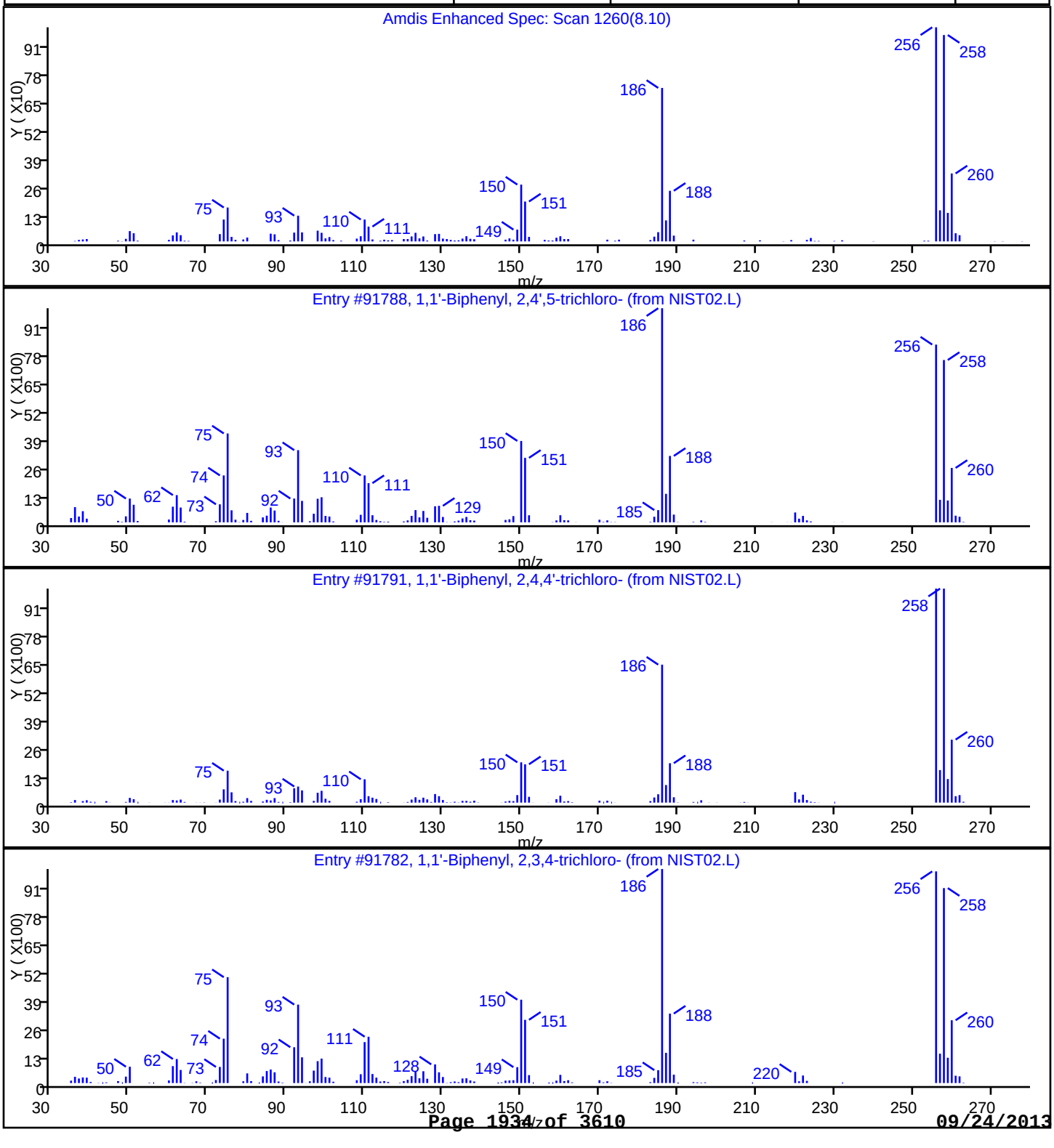
Report Date: 20-Sep-2013 15:52:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112735.D

Injection Date:	20-Sep-2013 08:52:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	18
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	99
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	98
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	98



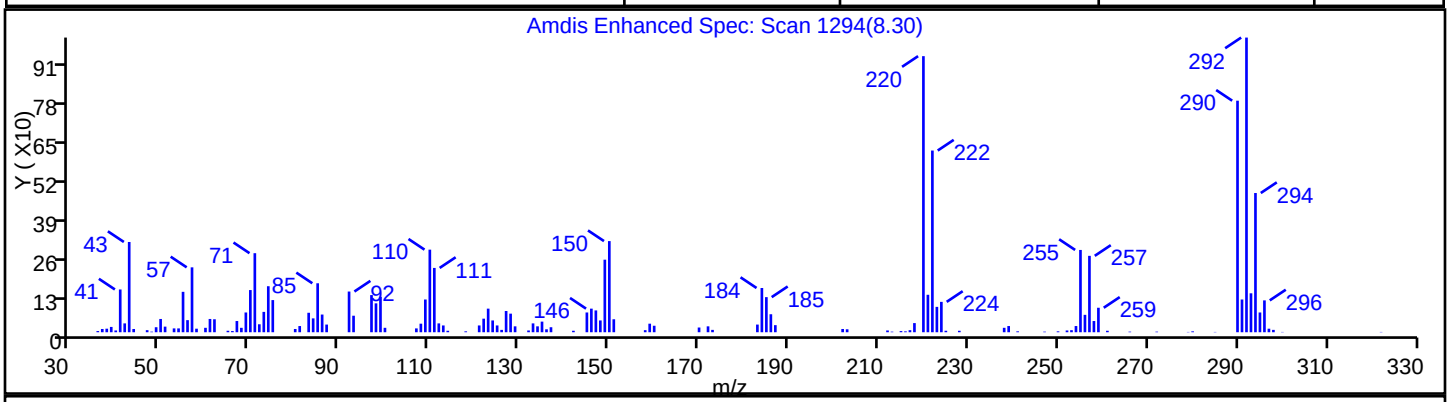
Report Date: 20-Sep-2013 15:52:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

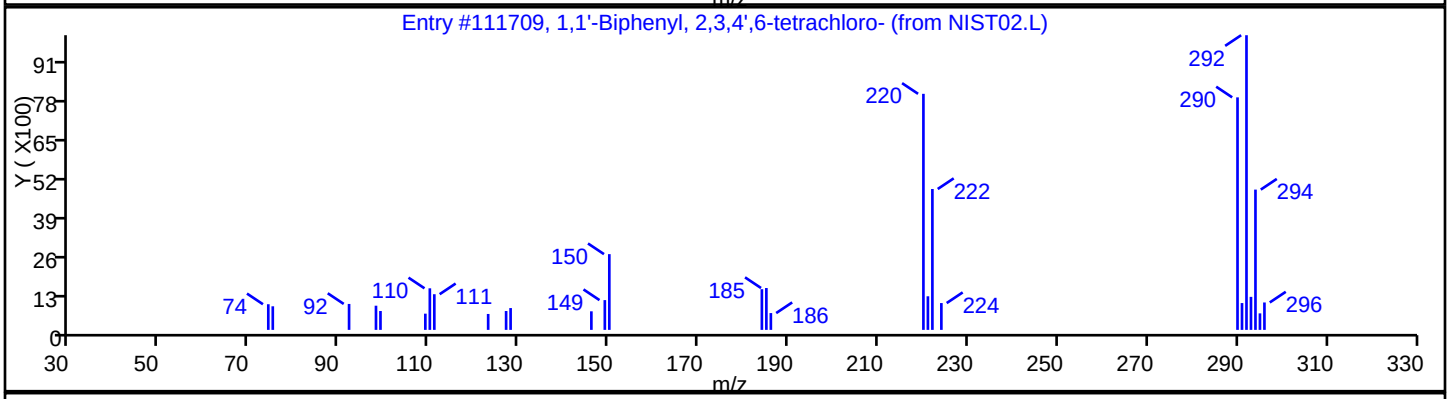
TestAmerica Edison

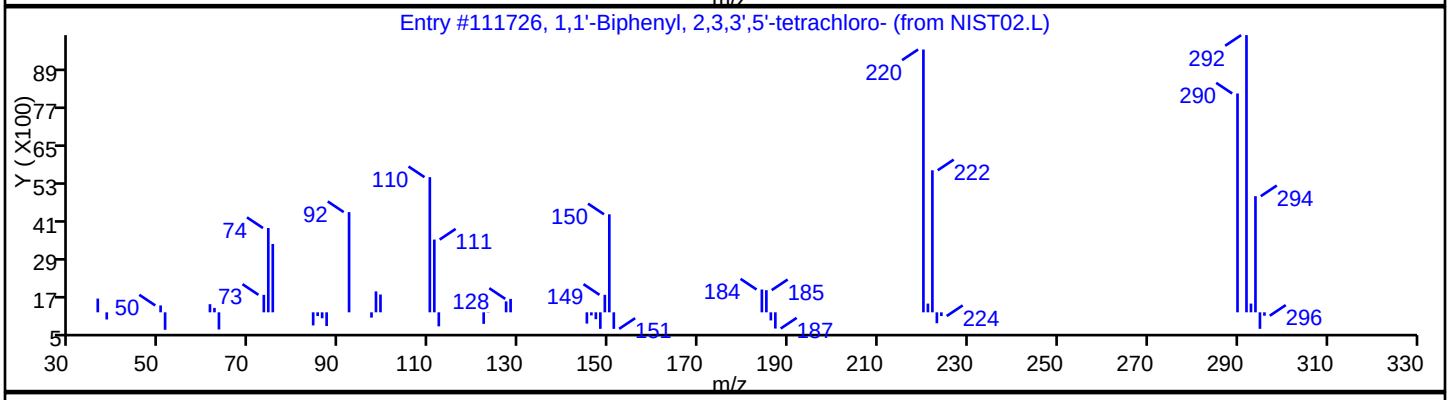
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112735.D

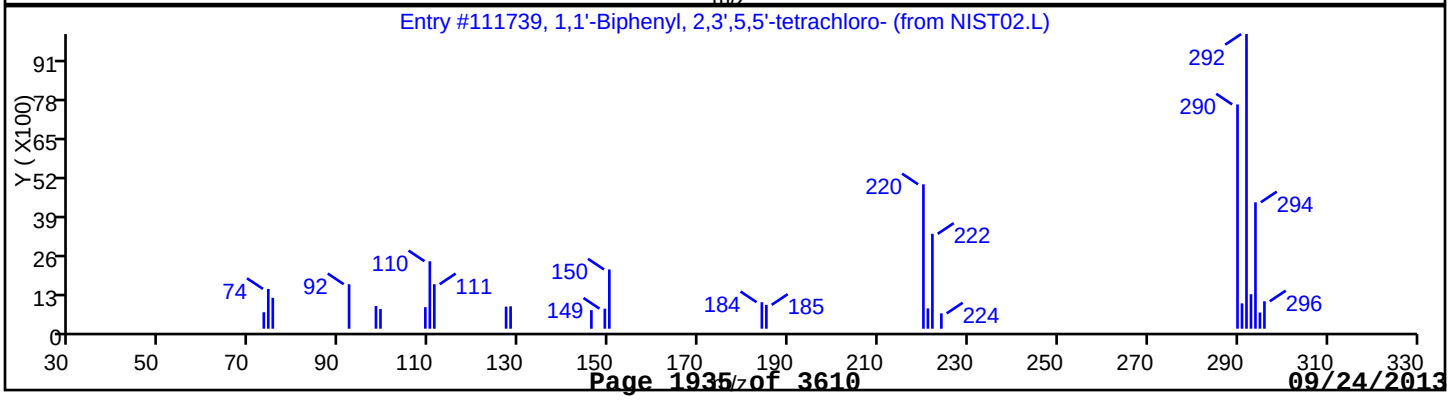
Injection Date:	20-Sep-2013 08:52:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-7SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	18
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	99
1,1'-Biphenyl, 2,3,3',5'-tetrachloro-	41464-49-7	NIST02.L	111726	99
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111739	98









FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-SI | Lab Sample ID: 460-62993-21

Matrix: Solid | Lab File ID: 112788.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:20

Extract. Method: 3541 | Date Extracted: 09/20/2013 11:11

Sample wt/vol: 15.01(g) | Date Analyzed: 09/21/2013 16:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182469 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	53	U	390	53
95-57-8	2-Chlorophenol	52	U	390	52
95-48-7	2-Methylphenol	67	U	390	67
106-44-5	4-Methylphenol	77	U	390	77
100-52-7	Benzaldehyde	46	U	390	46
98-86-2	Acetophenone	60	U	390	60
111-44-4	Bis(2-chloroethyl)ether	5.4	U	39	5.4
108-60-1	2,2'-oxybis[1-chloropropane]	44	U	390	44
621-64-7	N-Nitrosodi-n-propylamine	6.6	U	39	6.6
98-95-3	Nitrobenzene	5.6	U	39	5.6
67-72-1	Hexachloroethane	4.4	U	39	4.4
78-59-1	Isophorone	48	U	390	48
88-75-5	2-Nitrophenol	44	U	390	44
105-67-9	2,4-Dimethylphenol	97	U	390	97
120-83-2	2,4-Dichlorophenol	58	U	390	58
111-91-1	Bis(2-chloroethoxy)methane	51	U	390	51
91-20-3	Naphthalene	46	U	390	46
106-47-8	4-Chloroaniline	100	U	390	100
87-68-3	Hexachlorobutadiene	9.6	U	80	9.6
105-60-2	Caprolactam	91	U	390	91
59-50-7	4-Chloro-3-methylphenol	59	U	390	59
91-57-6	2-Methylnaphthalene	1500		390	51
118-74-1	Hexachlorobenzene	5.4	U	39	5.4
77-47-4	Hexachlorocyclopentadiene	46	U	390	46
88-06-2	2,4,6-Trichlorophenol	46	U	390	46
95-95-4	2,4,5-Trichlorophenol	51	U	390	51
92-52-4	Diphenyl	300	J	390	53
91-58-7	2-Chloronaphthalene	44	U	390	44
88-74-4	2-Nitroaniline	160	U	800	160
606-20-2	2,6-Dinitrotoluene	12	U	80	12
131-11-3	Dimethyl phthalate	47	U	390	47
208-96-8	Acenaphthylene	46	U	390	46
99-09-2	3-Nitroaniline	140	U	800	140
83-32-9	Acenaphthene	57	U	390	57

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-SI | Lab Sample ID: 460-62993-21

Matrix: Solid | Lab File ID: 112788.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:20

Extract. Method: 3541 | Date Extracted: 09/20/2013 11:11

Sample wt/vol: 15.01(g) | Date Analyzed: 09/21/2013 16:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182469 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	46	U	390	46
84-66-2	Diethyl phthalate	47	U	390	47
86-73-7	Fluorene	50	U	390	50
206-44-0	Fluoranthene	52	U	390	52
84-74-2	Di-n-butyl phthalate	49	U	390	49
121-14-2	2,4-Dinitrotoluene	13	U	80	13
7005-72-3	4-Chlorophenyl phenyl ether	46	U	390	46
100-01-6	4-Nitroaniline	120	U *	800	120
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	39	U	390	39
1912-24-9	Atrazine	61	U	390	61
120-12-7	Anthracene	48	U	390	48
86-74-8	Carbazole	46	U	390	46
85-01-8	Phenanthrene	1900		390	50
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	410		390	33
218-01-9	Chrysene	46	U	390	46
207-08-9	Benzo[k]fluoranthene	3.0	U	39	3.0
191-24-2	Benzo[g,h,i]perylene	29	U	390	29
205-99-2	Benzo[b]fluoranthene	2.5	U	39	2.5
50-32-8	Benzo[a]pyrene	2.8	U	39	2.8
56-55-3	Benzo[a]anthracene	2.7	U	39	2.7
86-30-6	N-Nitrosodiphenylamine	39	U	390	39
85-68-7	Butyl benzyl phthalate	36	U	390	36
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	390	130
117-84-0	Di-n-octyl phthalate	25	U	390	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.3	U	39	7.3
53-70-3	Dibenz(a,h)anthracene	5.0	U	39	5.0
91-94-1	3,3'-Dichlorobenzidine	140	U	800	140
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	390	53
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	390	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-SI | Lab Sample ID: 460-62993-21

Matrix: Solid | Lab File ID: 112788.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:20

Extract. Method: 3541 | Date Extracted: 09/20/2013 11:11

Sample wt/vol: 15.01(g) | Date Analyzed: 09/21/2013 16:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182469 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	76		38-105
4165-62-2	Phenol-d5	80		41-118
1718-51-0	Terphenyl-d14	81		16-151
118-79-6	2,4,6-Tribromophenol	64		10-120
367-12-4	2-Fluorophenol	88		37-125
321-60-8	2-Fluorobiphenyl	78		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-SI | Lab Sample ID: 460-62993-21

Matrix: Solid | Lab File ID: 112788.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:20

Extract. Method: 3541 | Date Extracted: 09/20/2013 11:11

Sample wt/vol: 15.01(g) | Date Analyzed: 09/21/2013 16:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182469 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 116900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	1.65	7400	J
629-50-5	Tridecane	5.14	9900	J N
1127-76-0	Naphthalene, 1-ethyl-	5.72	14000	J N
581-40-8	Naphthalene, 2,3-dimethyl-	5.88	3800	J N
575-43-9	Naphthalene, 1,6-dimethyl-	5.99	7200	J N
17312-82-2	Undecane, 4,6-dimethyl-	6.04	4900	J N
629-59-4	Tetradecane	6.26	17000	J N
2245-38-7	Naphthalene, 1,6,7-trimethyl-	6.33	3500	J N
17312-62-8	Decane, 5-propyl-	6.46	4300	J N
829-26-5	Naphthalene, 2,3,6-trimethyl-	6.53	3800	J N
2245-38-7	Naphthalene, 1,6,7-trimethyl-	6.56	4500	J N
544-76-3	Hexadecane	6.75	14000	J N
643-58-3	1,1'-Biphenyl, 2-methyl-	6.79	4300	J N
62238-11-3	Decane, 2,3,5-trimethyl-	7.22	4300	J N
593-45-3	Octadecane	7.65	14000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D
Lims ID: 460-62993-E-21-F Lab Sample ID:
Client ID: PMP-7SE-SI
Sample Type: Client
Inject. Date: 21-Sep-2013 16:21:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0004871-014
Misc. Info.: 460-62993-E-21-F
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\8270_12.m
Limit Group: SV 8270 ICAL
Last Update: 24-Sep-2013 12:35:12 Calib Date: 16-Sep-2013 20:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D

Column 1 : Detector MS SCAN
Process Host: XAWRK022

First Level Reviewer: zhaoc Date: 23-Sep-2013 09:22:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	1.917	1.900	0.017	96	1407006	87.6	
$ 6 Phenol-d5	99	2.788	2.788	0.0	98	1747890	80.2	
* 13 1,4-Dichlorobenzene-d4	152	3.099	3.099	0.0	96	646146	40.0	
$ 25 Nitrobenzene-d5	82	3.694	3.700	-0.006	89	753042	37.9	
* 35 Naphthalene-d8	136	4.423	4.423	0.0	99	2363815	40.0	
41 2-Methylnaphthalene	142	5.164	5.158	0.006	77	743774	19.4	
$ 48 2-Fluorobiphenyl	172	5.552	5.546	0.006	92	1482323	39.1	
49 1,1'-Biphenyl	154	5.641	5.635	0.005	89	158417	3.85	
* 61 Acenaphthene-d10	164	6.193	6.176	0.017	93	1121522	40.0	
$ 76 2,4,6-Tribromophenol	330	6.976	6.958	0.018	81	452885	64.3	
* 83 Phenanthrene-d10	188	7.640	7.617	0.023	88	1415301	40.0	
84 Phenanthrene	178	7.658	7.640	0.018	93	952201	23.8	
90 Pyrene	202	9.017	8.999	0.018	94	234112	5.19	
$ 91 Terphenyl-d14	244	9.199	9.193	0.006	98	1309230	40.4	
* 96 Chrysene-d12	240	10.181	10.175	0.006	99	1369500	40.0	
98 Bis(2-ethylhexyl) phthalate	149	10.287	10.287	0.0	82	39706	1.44	
* 103 Perylene-d12	264	11.746	11.740	0.006	99	1356439	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D
Lims ID: 460-62993-E-21-F Lab Sample ID:
Client ID: PMP-7SE-SI
Sample Type: Client
Inject. Date: 21-Sep-2013 16:21:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0004871-014
Misc. Info.: 460-62993-E-21-F
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\8270_12.m
Limit Group: SV 8270 ICAL
Last Update: 24-Sep-2013 12:35:12 Calib Date: 16-Sep-2013 20:10:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\EDICHROM\ChromData\Database\NIST02.L
Min. Match: 75

Column 1 : Detector MS SCAN
Process Host: XAWRK022

First Level Reviewer: zhaoc Date: 23-Sep-2013 09:22:10

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
1.653	9156540	93.5	13					
	629-50-5	Tridecane						
5.141	16089166	124.7	35	94	45544	C13H28	184	
	1127-76-0	Naphthalene, 1-ethyl-						
5.723	45650950	178.1	61	86	27161	C12H12	156	
	581-40-8	Naphthalene, 2,3-dimethyl-						
5.876	12433656	48.5	61	98	27164	C12H12	156	
	575-43-9	Naphthalene, 1,6-dimethyl-						
5.988	23405253	91.3	61	90	27196	C12H12	156	
	17312-82-2	Undecane, 4,6-dimethyl-						
6.040	15940864	62.2	61	76	45578	C13H28	184	
	629-59-4	Tetradecane						
6.258	56174517	219.1	61	91	55009	C14H30	198	
	2245-38-7	Naphthalene, 1,6,7-trimethyl-						
6.329	11455841	44.7	61	91	36211	C13H14	170	
	17312-62-8	Decane, 5-propyl-						
6.464	14018399	54.7	61	80	45547	C13H28	184	
	829-26-5	Naphthalene, 2,3,6-trimethyl-						
6.529	12309914	48.0	61	95	36212	C13H14	170	
	2245-38-7	Naphthalene, 1,6,7-trimethyl-						
6.558	14575682	56.9	61	89	36214	C13H14	170	
	544-76-3	Hexadecane						
6.752	46010555	179.5	61	97	73967	C16H34	226	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	643-58-3	1,1'-Biphenyl, 2-methyl-						
6.787	13919693	54.3	61	95	34879	C13H12	168	
	62238-11-3	Decane, 2,3,5-trimethyl-						
7.217	61709447	53.7	83	86	45605	C13H28	184	
	593-45-3	Octadecane						
7.646	45945320	179.2	61	90	91037	C18H38	254	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	3.099	3918866	40.0
* 35 Naphthalene-d8	4.423	5158999	40.0
* 61 Acenaphthene-d10	6.188	10254600	40.0
* 83 Phenanthrene-d10	7.646	45945320	40.0

QC Flag Legend

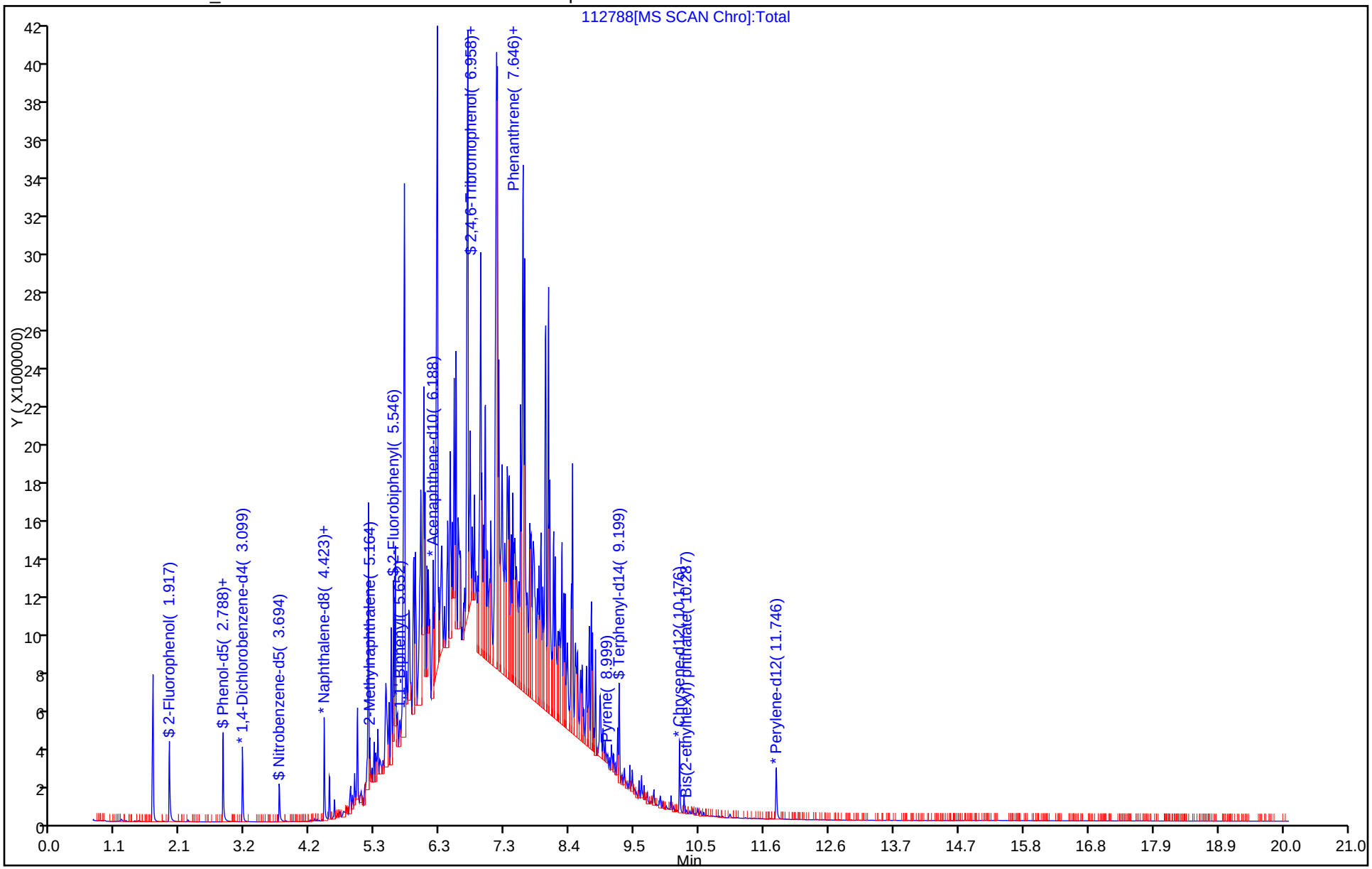
Processing Flags

Report Date: 24-Sep-2013 12:38:36 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D

Injection Date:	21-Sep-2013 16:21:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-62993-E-21-F	Lab Sample ID:		Worklist Smp#:	14
Client ID:	PMP-7SE-SI				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270_12	Limit Group:	SV 8270 ICAL		



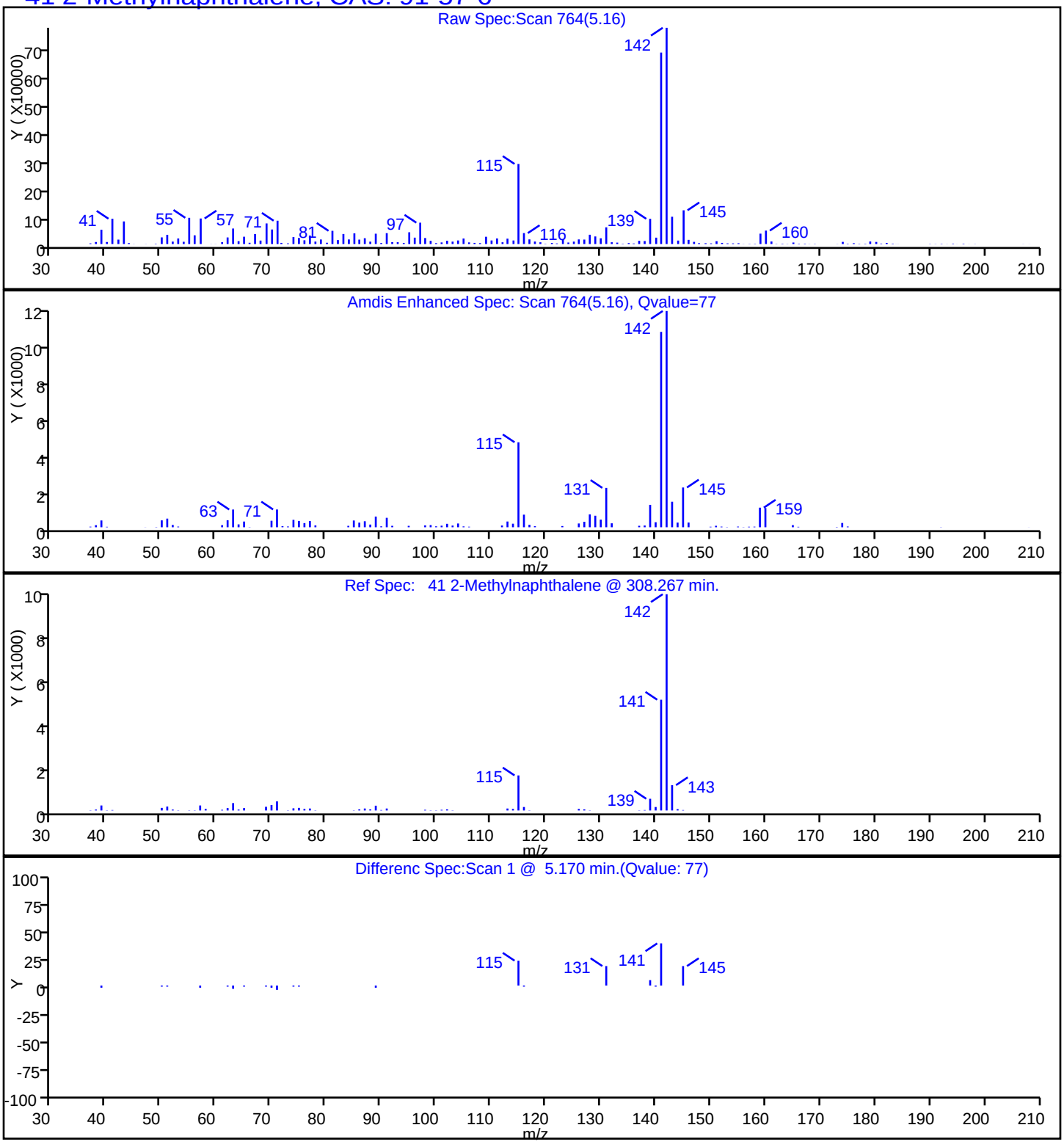
Report Date: 24-Sep-2013 12:38:36 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D

Injection Date:	21-Sep-2013 16:21:30	Instrument ID:	CBNAMS12		
Lims ID:	460-62993-E-21-F	Lab Sample ID:			
Client ID:	PMP-7SE-SI				
Operator ID:	BNA 12	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

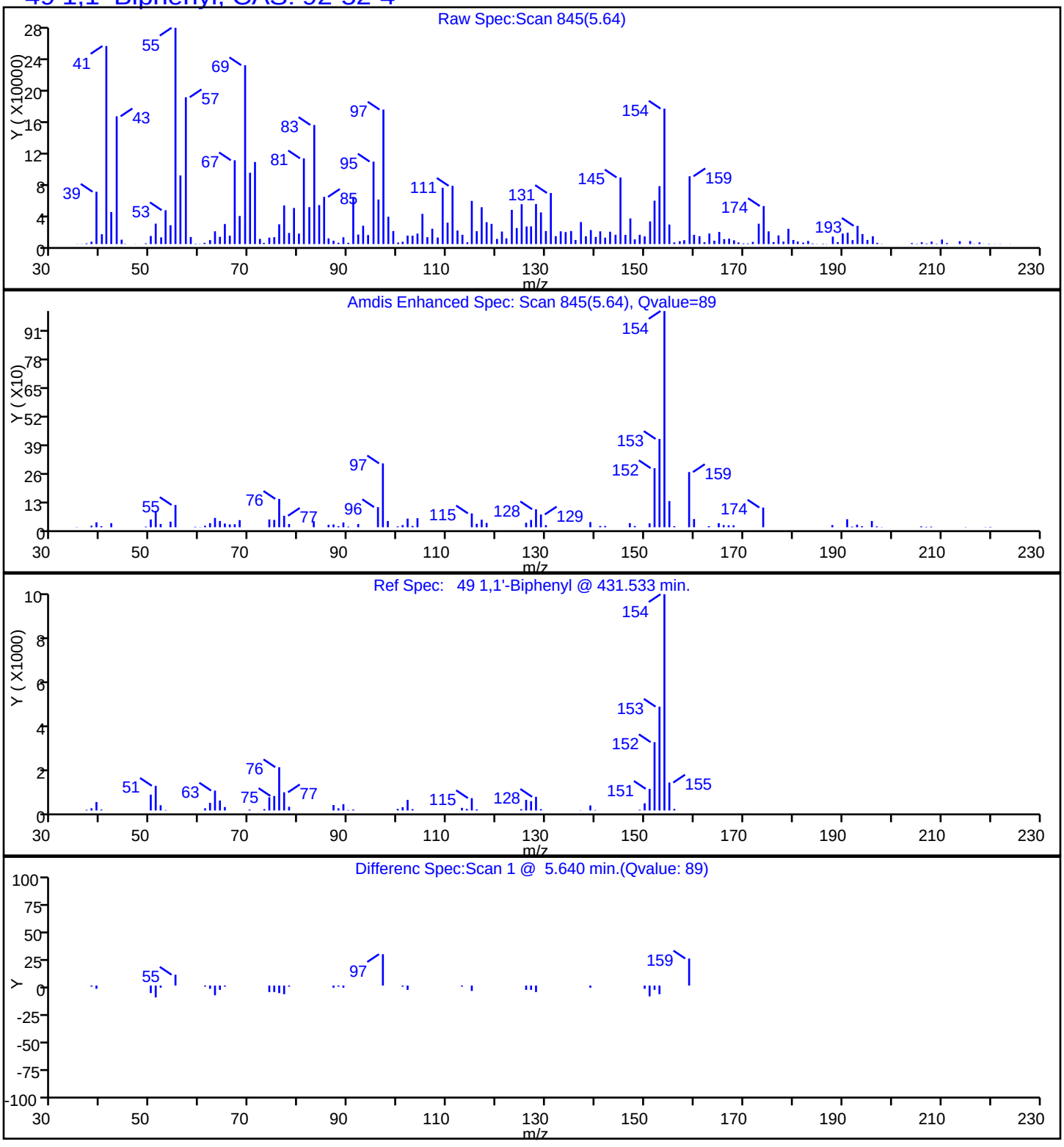
41 2-Methylnaphthalene, CAS: 91-57-6



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D				
Injection Date:	21-Sep-2013 16:21:30	Instrument ID:	CBNAMS12		
Lims ID:	460-62993-E-21-F	Lab Sample ID:			
Client ID:	PMP-7SE-SI				
Operator ID:	BNA 12	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

49 1,1'-Biphenyl, CAS: 92-52-4



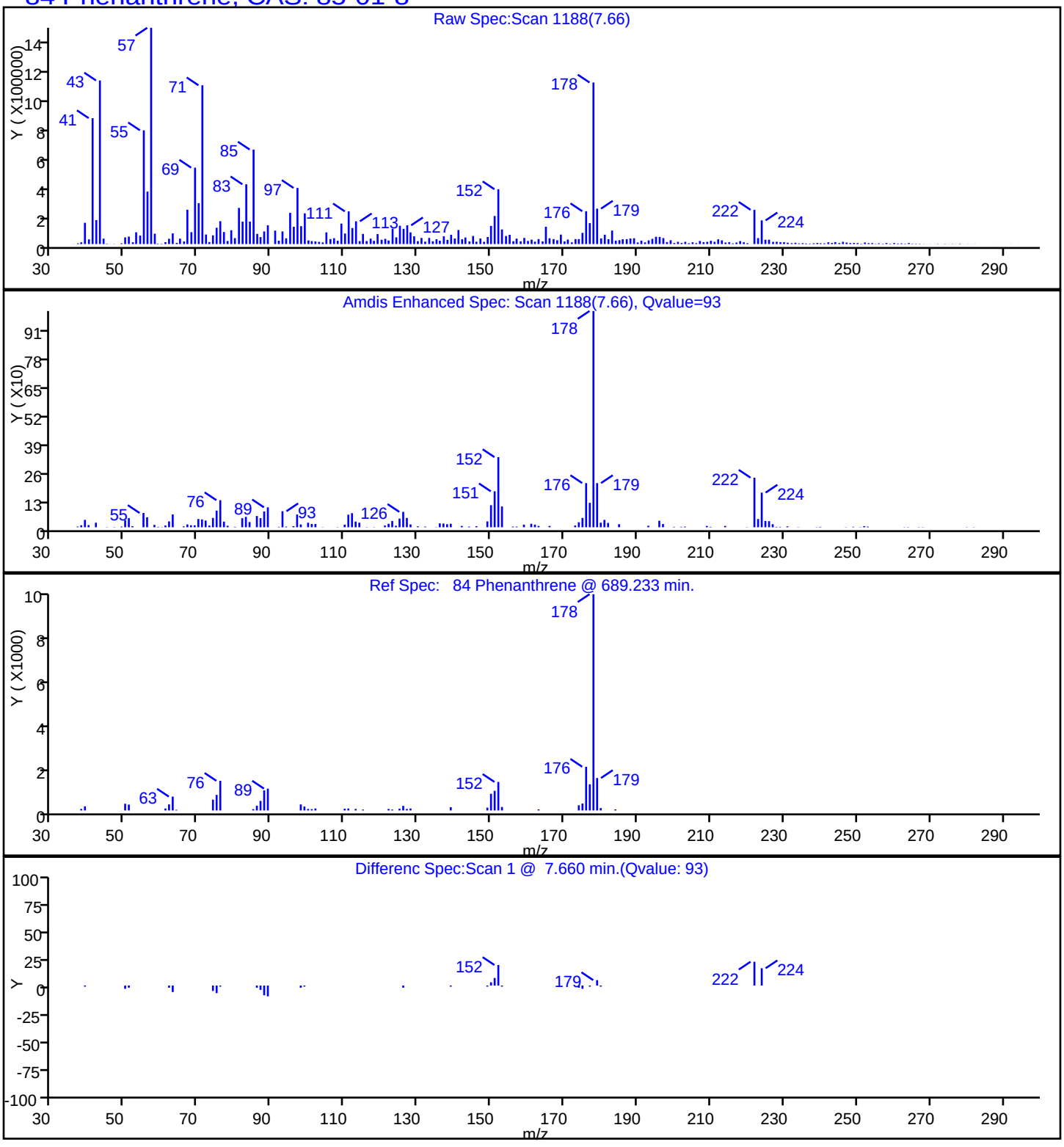
Report Date: 24-Sep-2013 12:38:36 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D

Injection Date:	21-Sep-2013 16:21:30	Instrument ID:	CBNAMS12		
Lims ID:	460-62993-E-21-F	Lab Sample ID:			
Client ID:	PMP-7SE-SI				
Operator ID:	BNA 12	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8



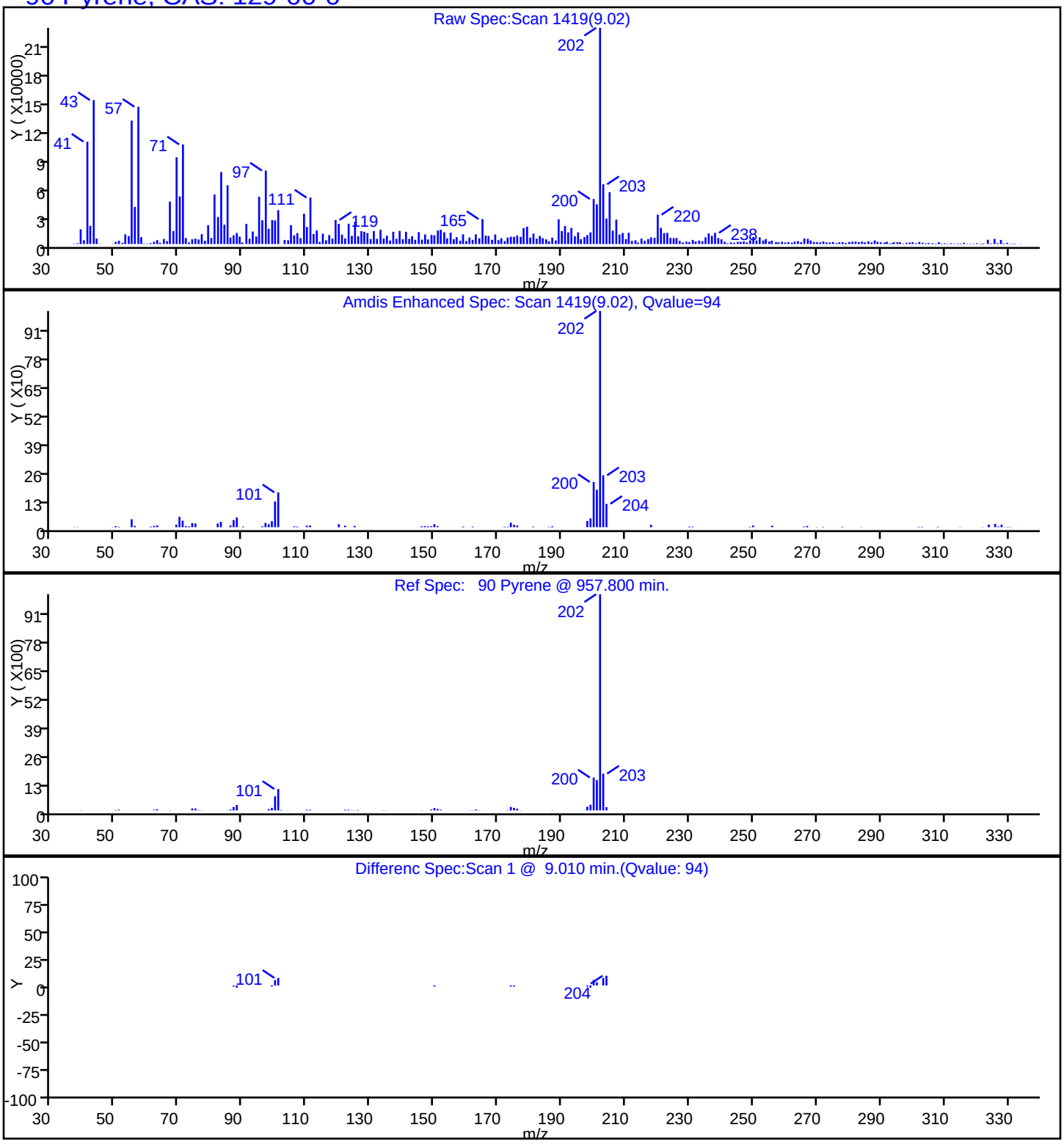
Report Date: 24-Sep-2013 12:38:36 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D

Injection Date:	21-Sep-2013 16:21:30	Instrument ID:	CBNAMS12		
Lims ID:	460-62993-E-21-F	Lab Sample ID:			
Client ID:	PMP-7SE-SI				
Operator ID:	BNA 12	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

90 Pyrene, CAS: 129-00-0



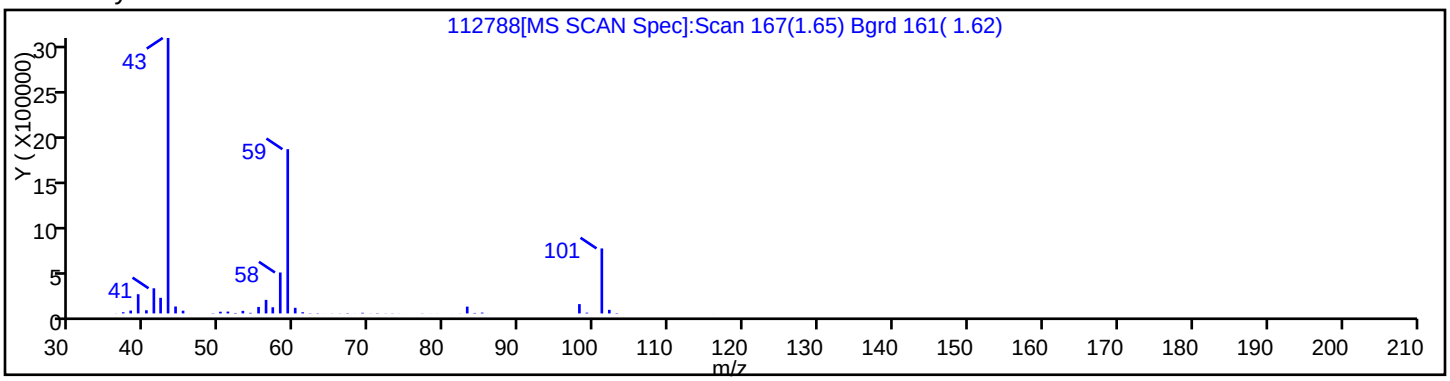
Report Date: 24-Sep-2013 12:38:37 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D

Injection Date:	21-Sep-2013 16:21:30	Instrument ID:	CBNAMS12		
Lims ID:	460-62993-E-21-F	Lab Sample ID:			
Client ID:	PMP-7SE-SI				
Operator ID:	BNA 12	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12	Limit Group:	SV 8270 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 75



Report Date: 24-Sep-2013 12:38:37 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D

Injection Date: 21-Sep-2013 16:21:30 Instrument ID: CBNAMS12

Lims ID: 460-62993-E-21-F Lab Sample ID:

Client ID: PMP-7SE-SI

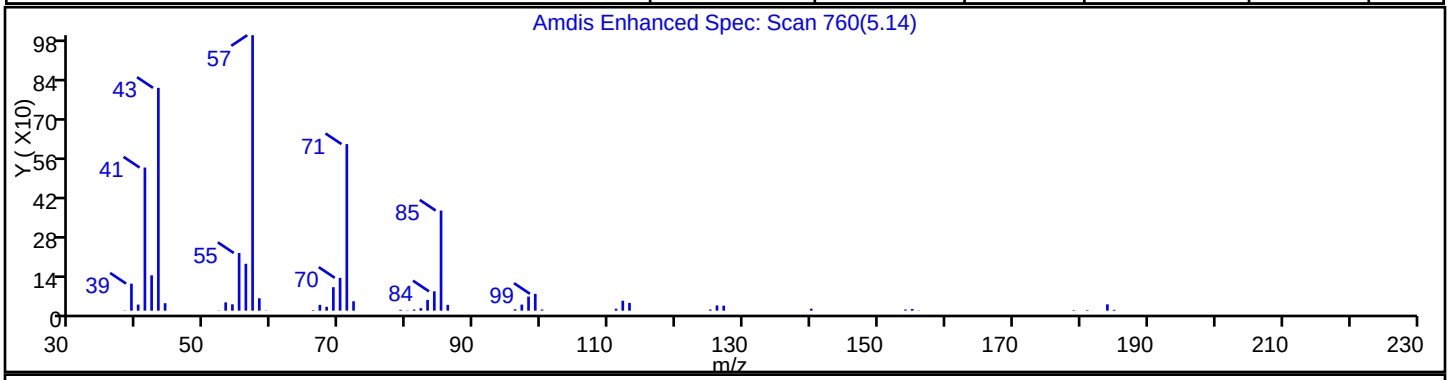
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

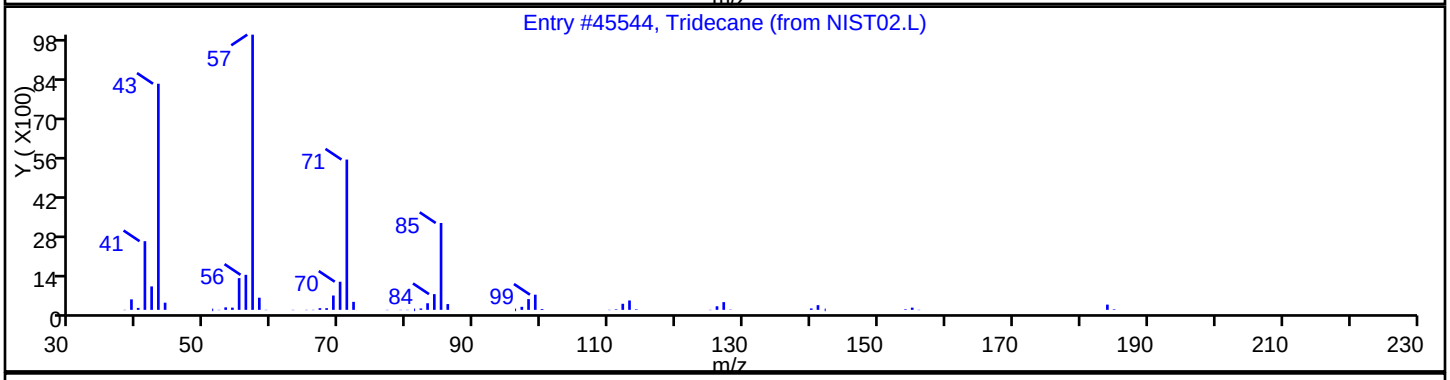
Injection Vol: 1.0 ul Dil. Factor: 1.0000

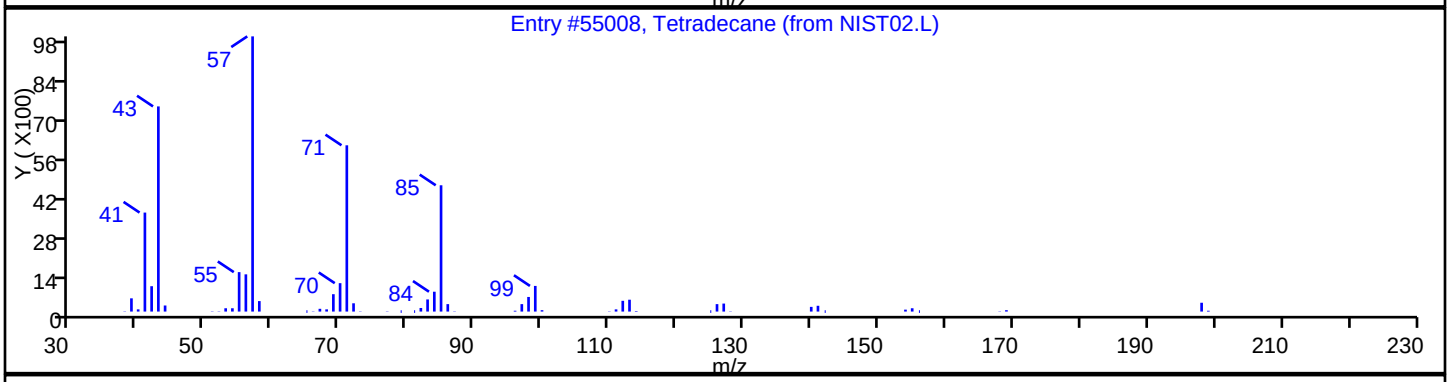
Method: 8270_12 Limit Group: SV 8270 ICAL

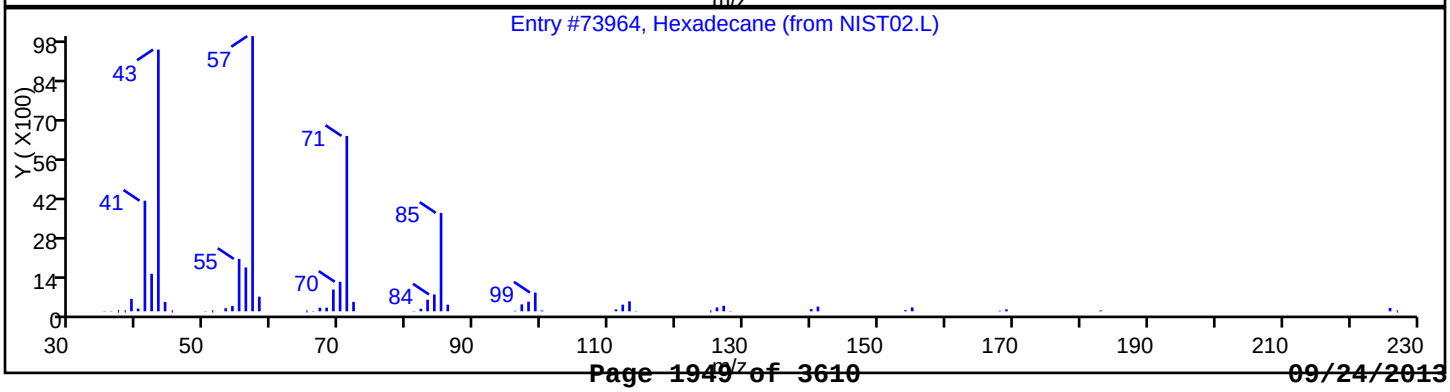
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane	629-50-5	NIST02.L	45544	C13H28	184	94
Tetradecane	629-59-4	NIST02.L	55008	C14H30	198	90
Hexadecane	544-76-3	NIST02.L	73964	C16H34	226	86









Report Date: 24-Sep-2013 12:38:37 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D

Injection Date: 21-Sep-2013 16:21:30 Instrument ID: CBNAMS12

Lims ID: 460-62993-E-21-F Lab Sample ID:

Client ID: PMP-7SE-SI

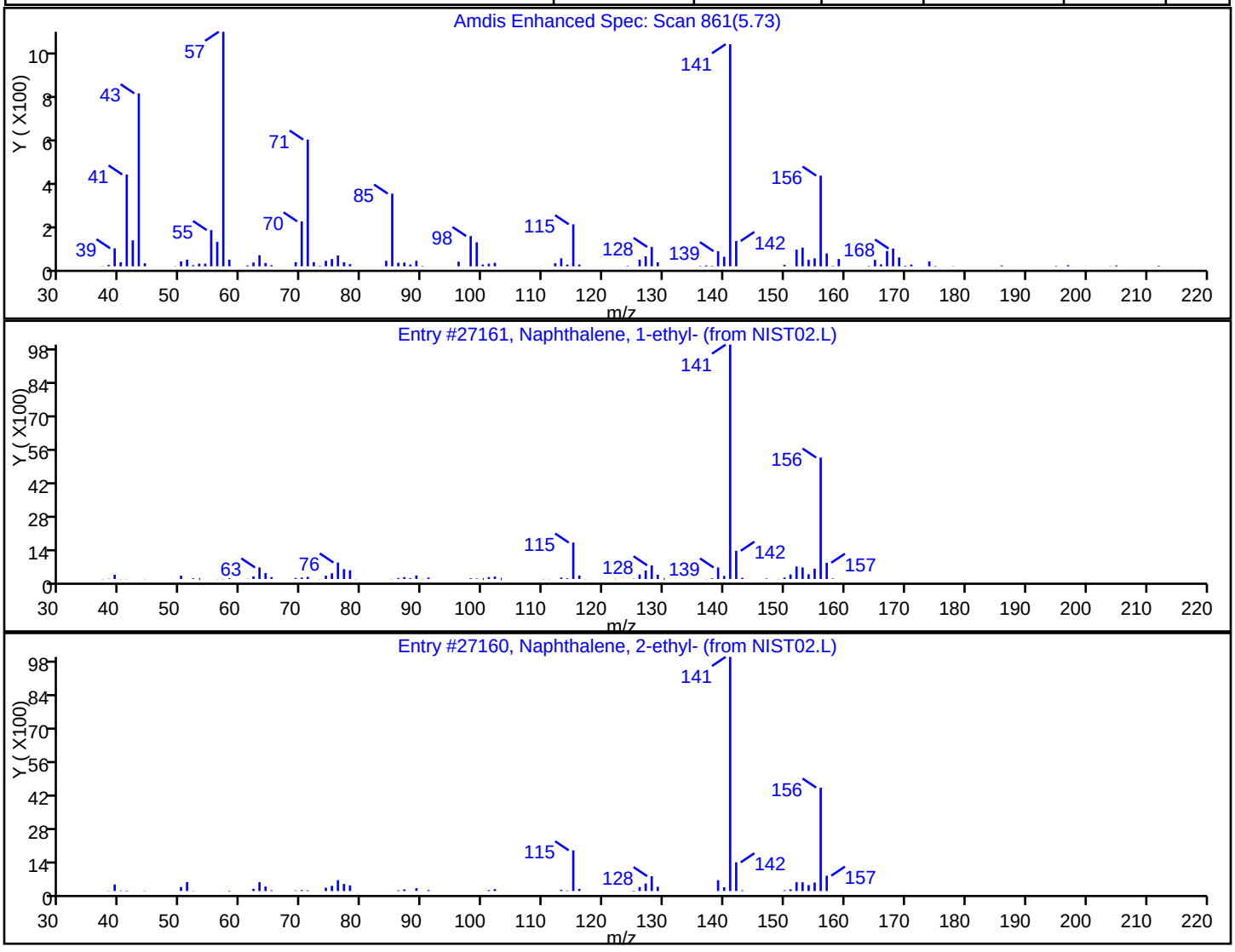
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12 Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1-ethyl-	1127-76-0	NIST02.L	27161	C12H12	156	86
Naphthalene, 2-ethyl-	939-27-5	NIST02.L	27160	C12H12	156	86



Report Date: 24-Sep-2013 12:38:37 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D

Injection Date: 21-Sep-2013 16:21:30 Instrument ID: CBNAMS12

Lims ID: 460-62993-E-21-F Lab Sample ID:

Client ID: PMP-7SE-SI

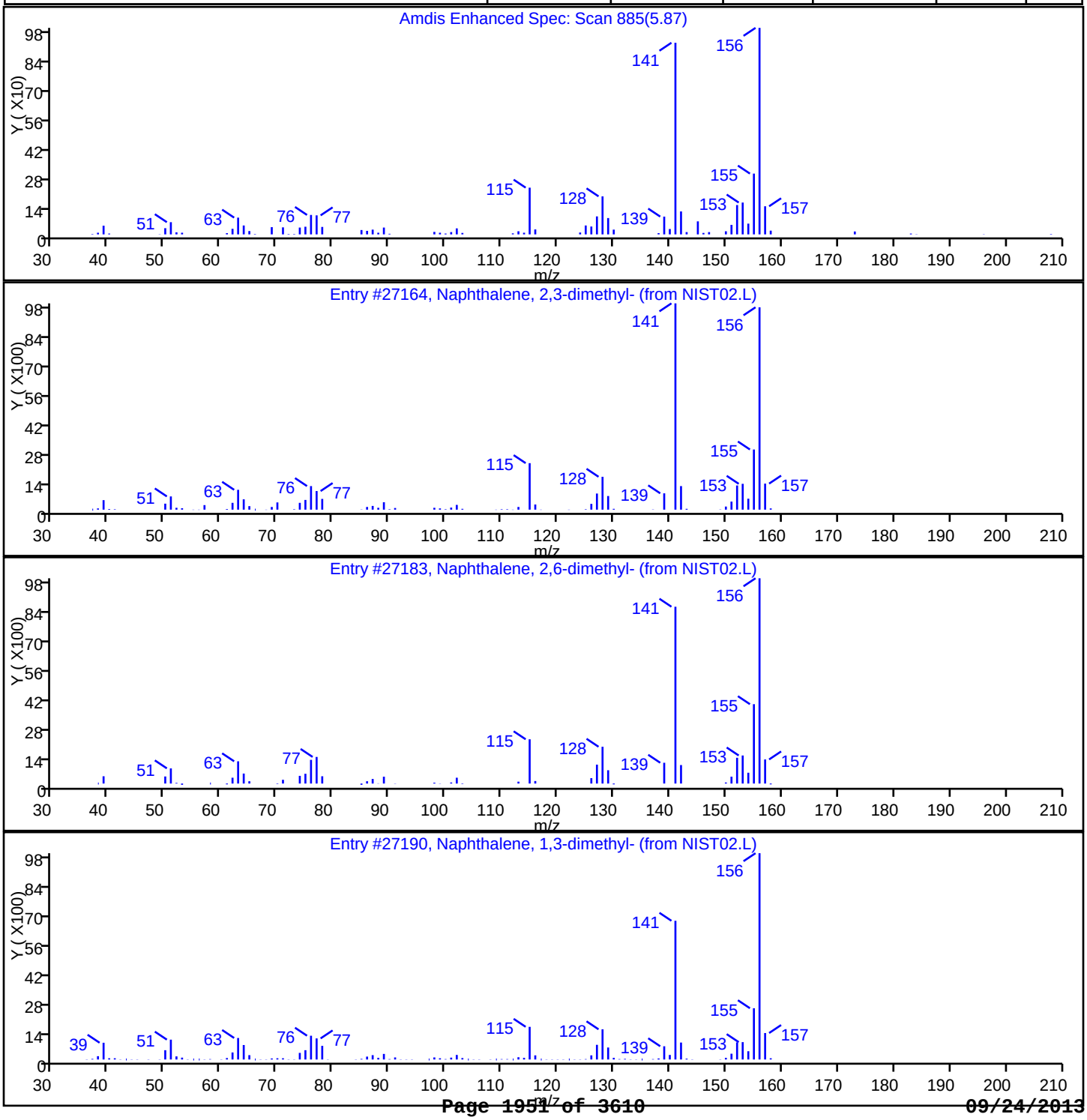
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12 Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

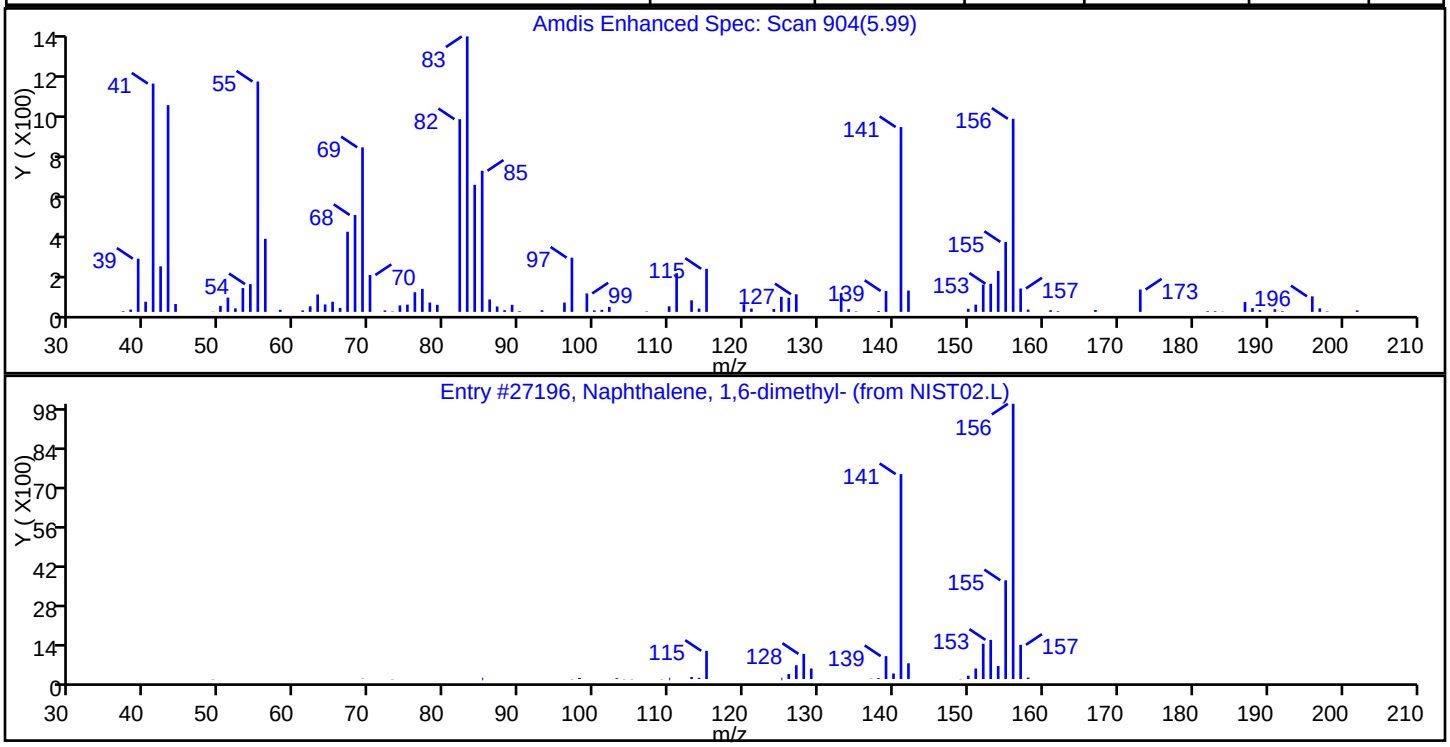
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2,3-dimethyl-	581-40-8	NIST02.L	27164	C12H12	156	98
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02.L	27183	C12H12	156	98
Naphthalene, 1,3-dimethyl-	575-41-7	NIST02.L	27190	C12H12	156	97



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D
Injection Date: 21-Sep-2013 16:21:30 Instrument ID: CBNAMS12
Lims ID: 460-62993-E-21-F Lab Sample ID:
Client ID: PMP-7SE-SI
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12 Limit Group: SV 8270 ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,6-dimethyl-	575-43-9	NIST02.L	27196	C12H12	156	90



Report Date: 24-Sep-2013 12:38:37 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D

Injection Date: 21-Sep-2013 16:21:30 Instrument ID: CBNAMS12

Lims ID: 460-62993-E-21-F Lab Sample ID:

Client ID: PMP-7SE-SI

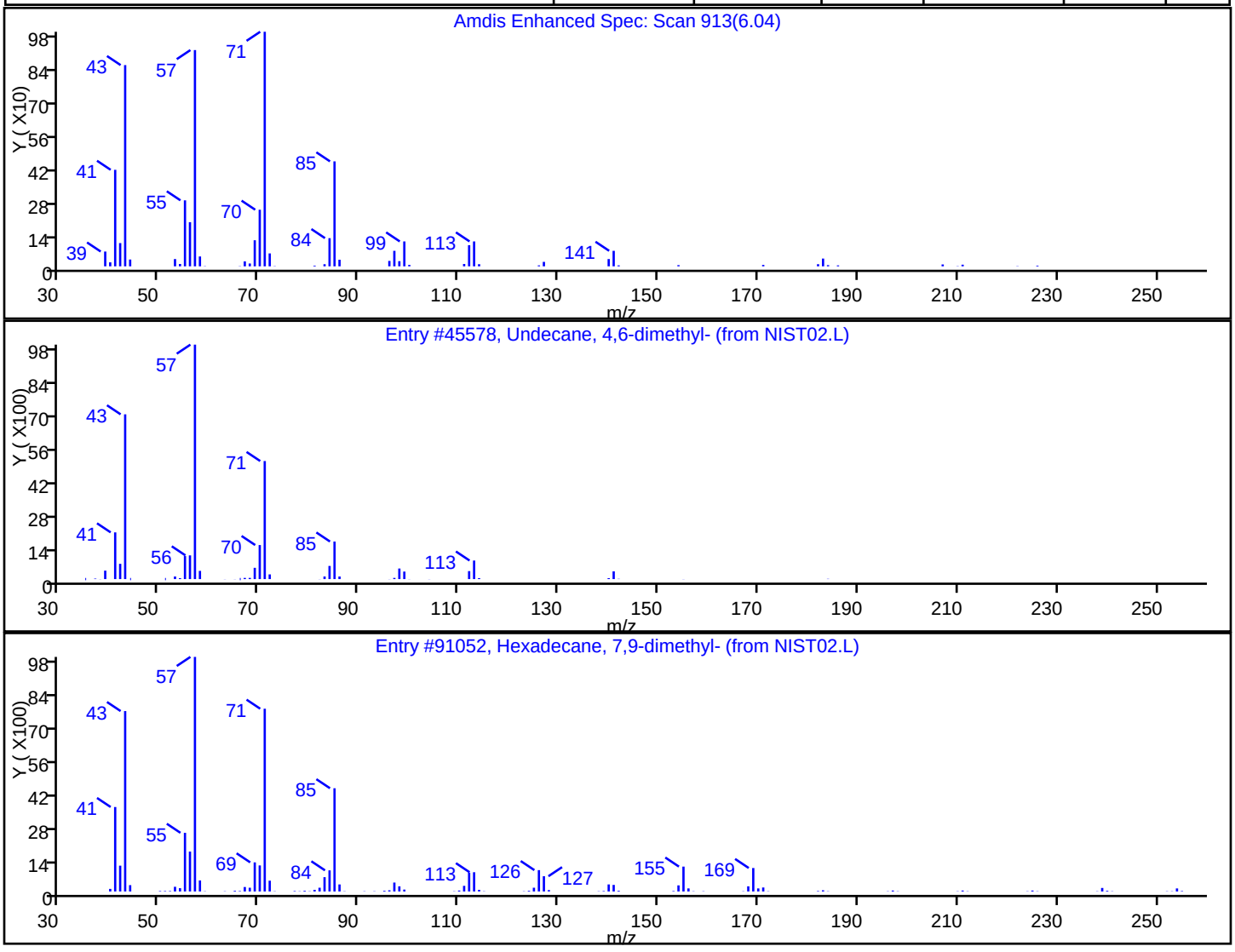
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12 Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.L	45578	C13H28	184	76
Hexadecane, 7,9-dimethyl-	21164-95-4	NIST02.L	91052	C18H38	254	72



Report Date: 24-Sep-2013 12:38:37 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D

Injection Date: 21-Sep-2013 16:21:30 Instrument ID: CBNAMS12

Lims ID: 460-62993-E-21-F Lab Sample ID:

Client ID: PMP-7SE-SI

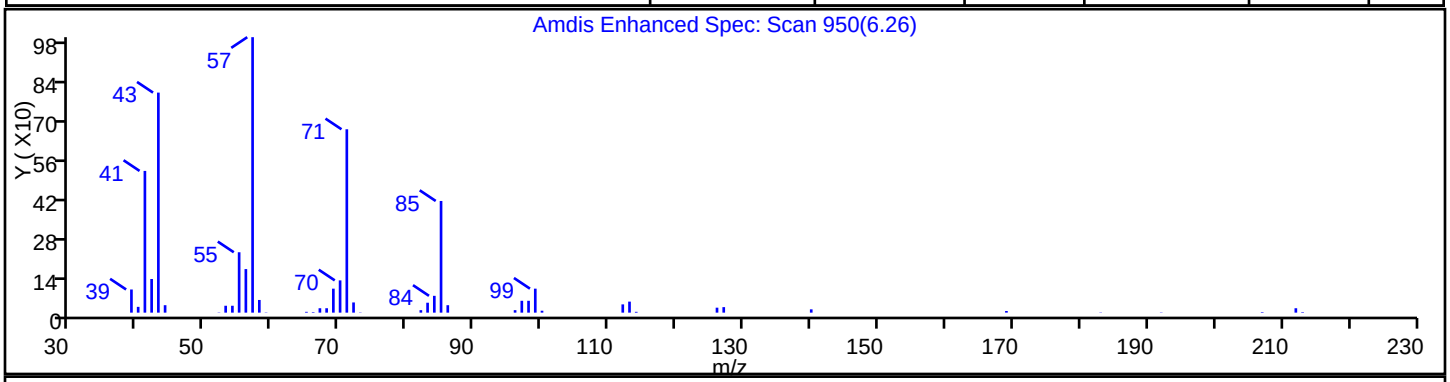
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

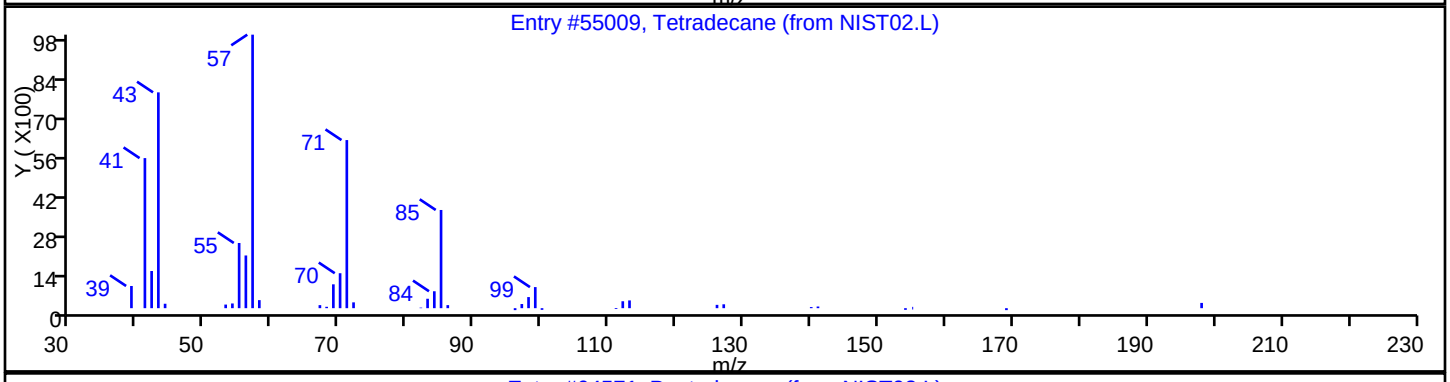
Injection Vol: 1.0 ul Dil. Factor: 1.0000

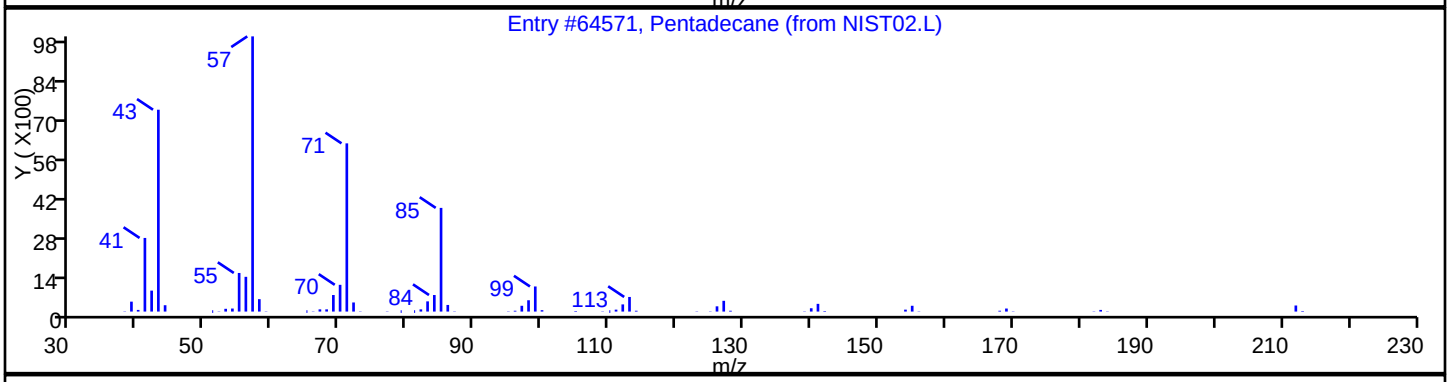
Method: 8270_12 Limit Group: SV 8270 ICAL

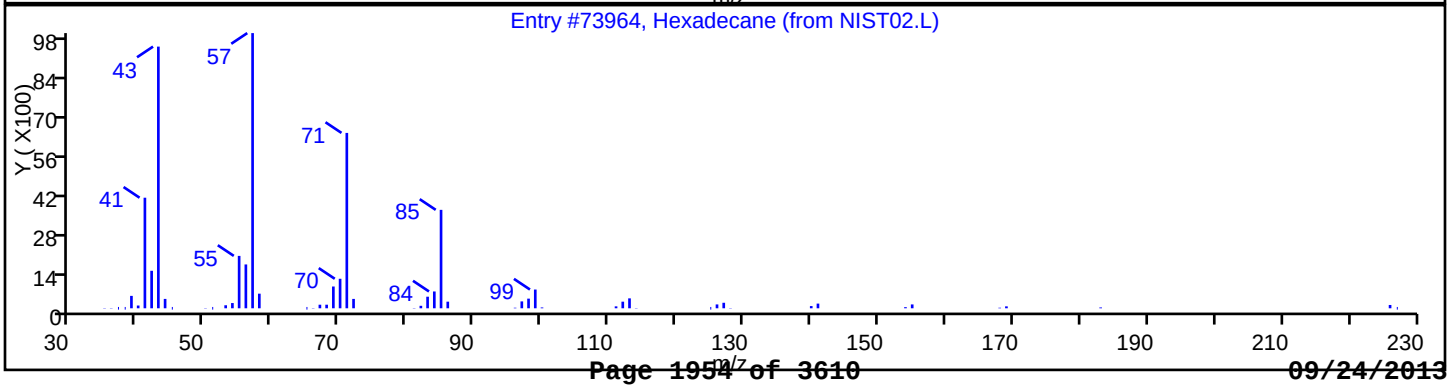
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	91
Pentadecane	629-62-9	NIST02.L	64571	C15H32	212	90
Hexadecane	544-76-3	NIST02.L	73964	C16H34	226	90









Report Date: 24-Sep-2013 12:38:37 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D

Injection Date: 21-Sep-2013 16:21:30 Instrument ID: CBNAMS12

Lims ID: 460-62993-E-21-F Lab Sample ID:

Client ID: PMP-7SE-SI

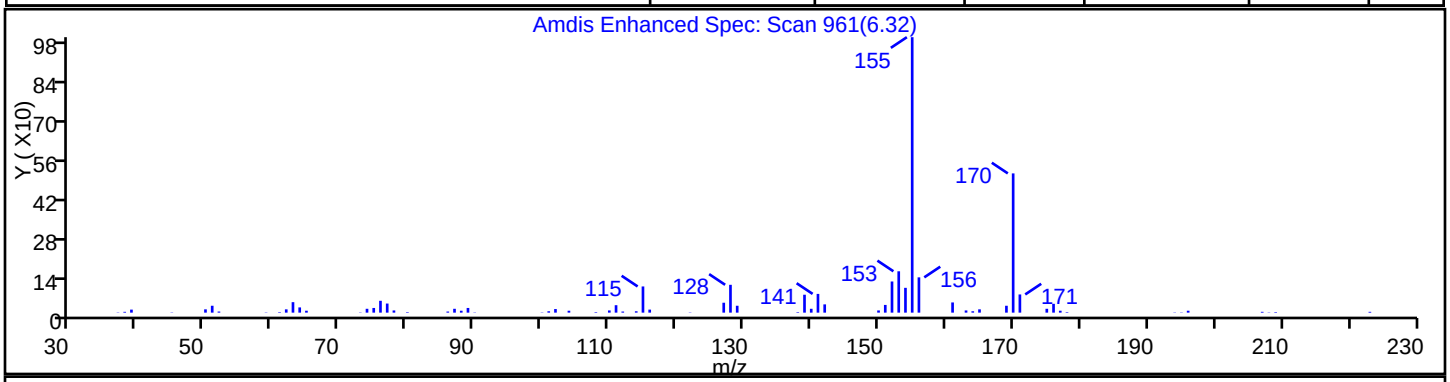
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

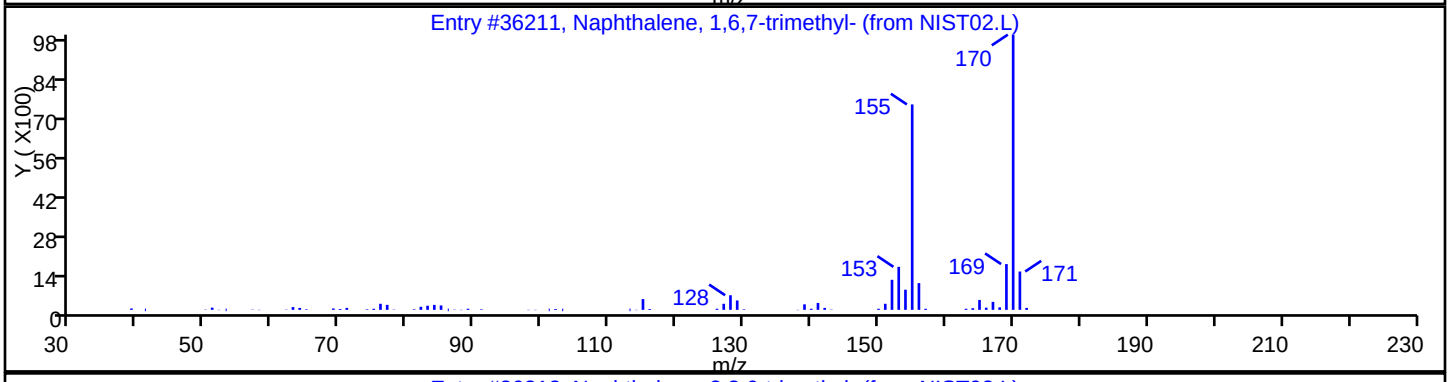
Injection Vol: 1.0 ul Dil. Factor: 1.0000

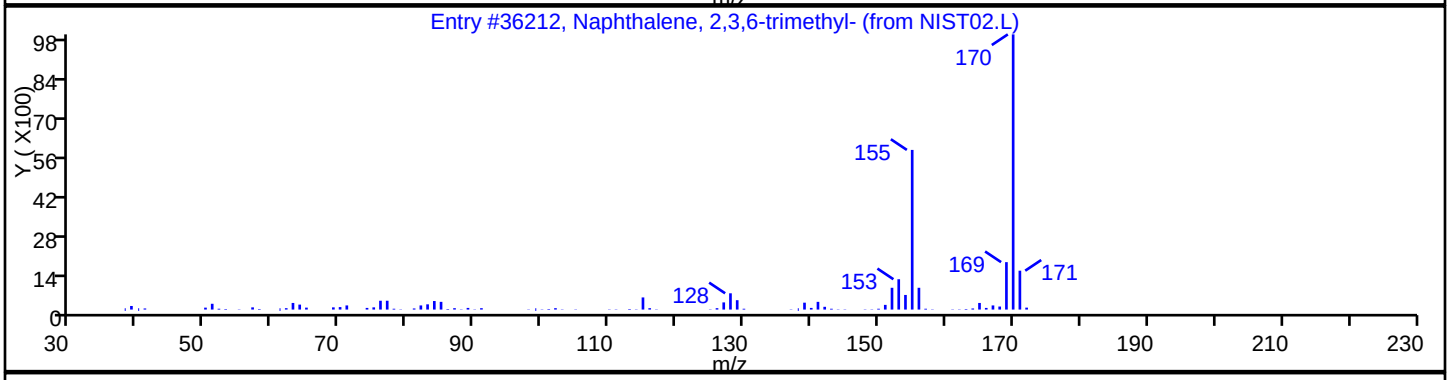
Method: 8270_12 Limit Group: SV 8270 ICAL

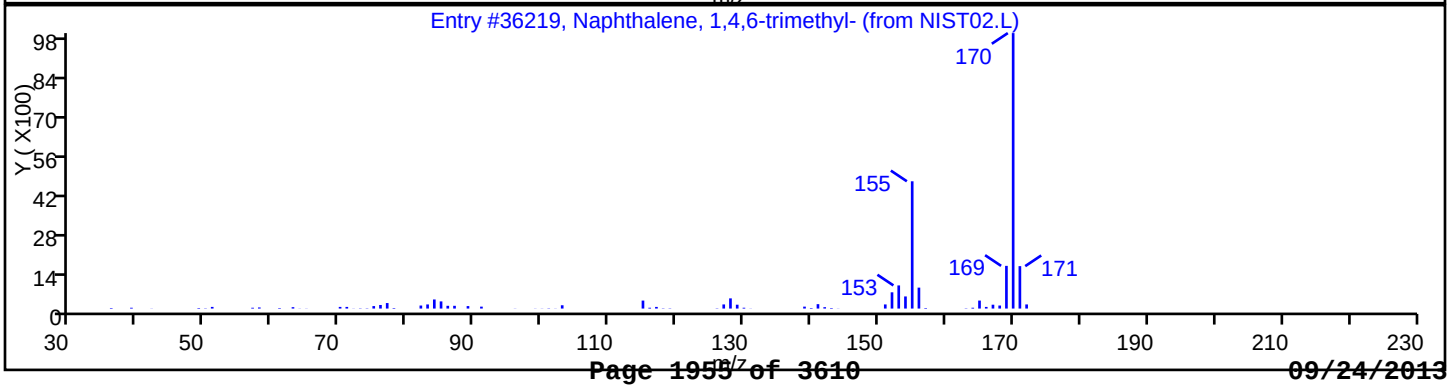
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36211	C13H14	170	91
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36212	C13H14	170	91
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.L	36219	C13H14	170	91









Report Date: 24-Sep-2013 12:38:37 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D

Injection Date: 21-Sep-2013 16:21:30 Instrument ID: CBNAMS12

Lims ID: 460-62993-E-21-F Lab Sample ID:

Client ID: PMP-7SE-SI

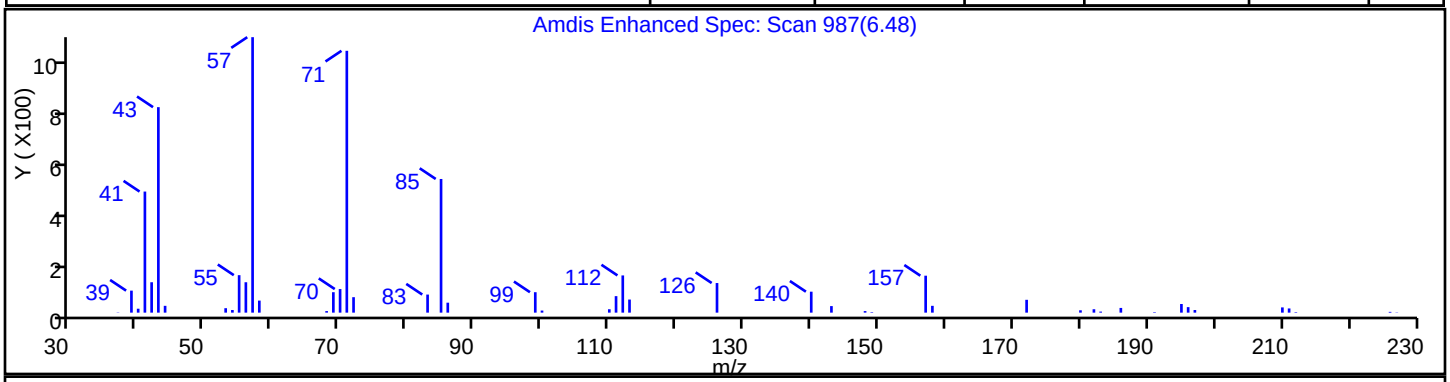
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

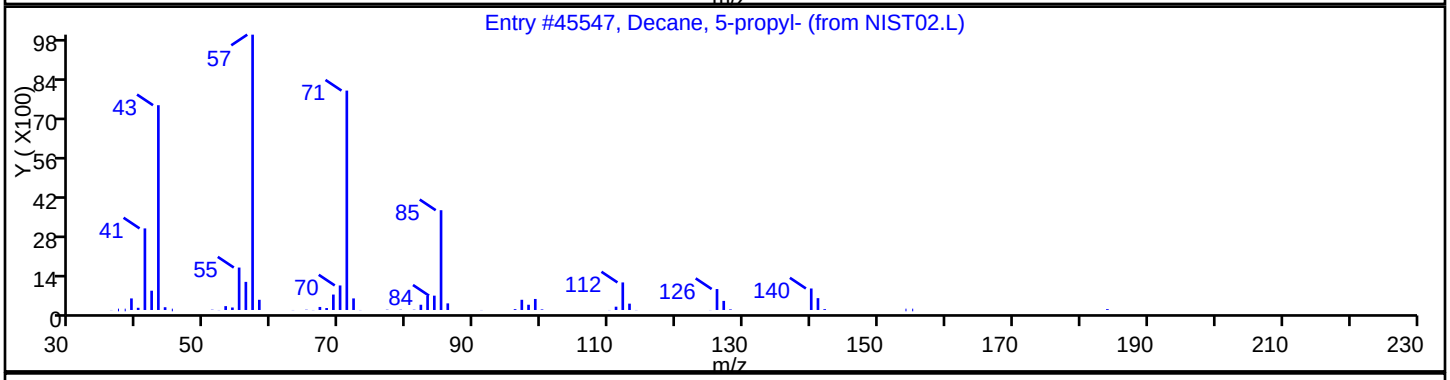
Injection Vol: 1.0 ul Dil. Factor: 1.0000

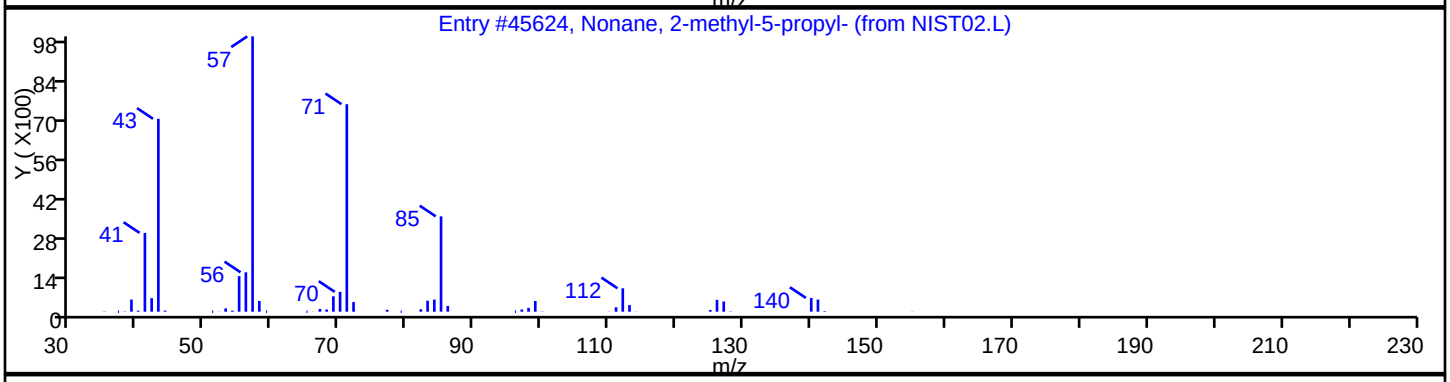
Method: 8270_12 Limit Group: SV 8270 ICAL

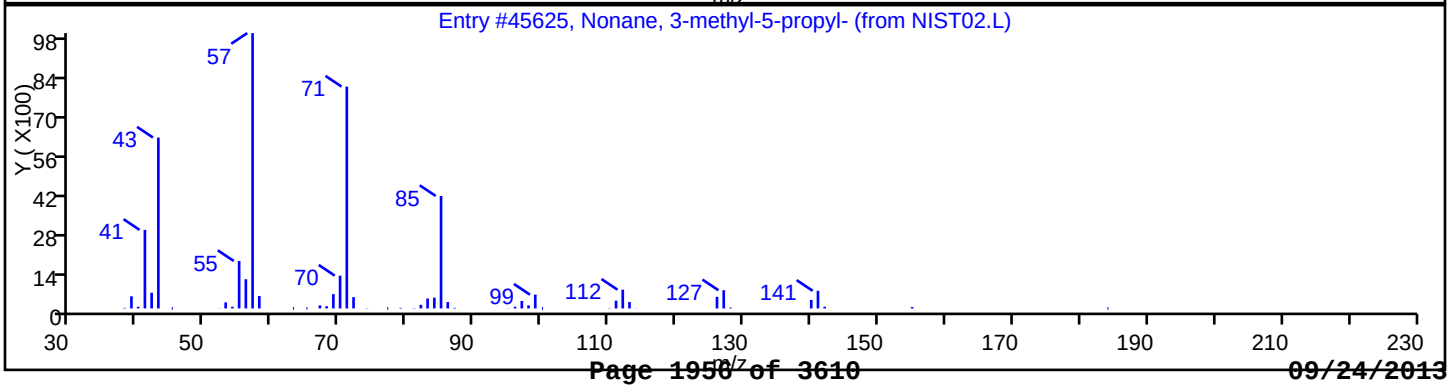
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decane, 5-propyl-	17312-62-8	NIST02.L	45547	C13H28	184	80
Nonane, 2-methyl-5-propyl-	31081-17-1	NIST02.L	45624	C13H28	184	72
Nonane, 3-methyl-5-propyl-	31081-18-2	NIST02.L	45625	C13H28	184	72









Report Date: 24-Sep-2013 12:38:37 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D

Injection Date: 21-Sep-2013 16:21:30 Instrument ID: CBNAMS12

Lims ID: 460-62993-E-21-F Lab Sample ID:

Client ID: PMP-7SE-SI

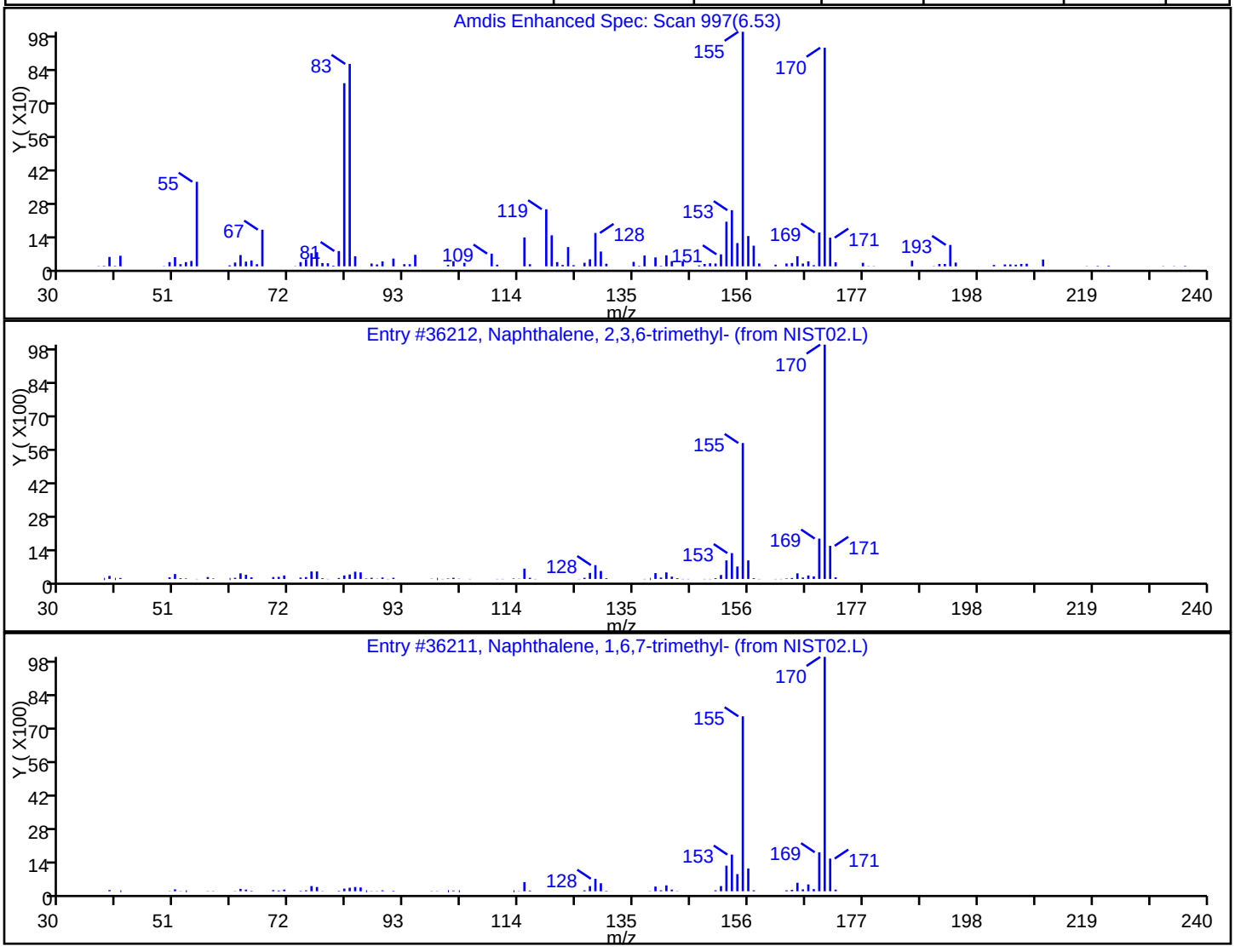
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12 Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36212	C13H14	170	95
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36211	C13H14	170	86



Report Date: 24-Sep-2013 12:38:37 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D

Injection Date: 21-Sep-2013 16:21:30 Instrument ID: CBNAMS12

Lims ID: 460-62993-E-21-F Lab Sample ID:

Client ID: PMP-7SE-SI

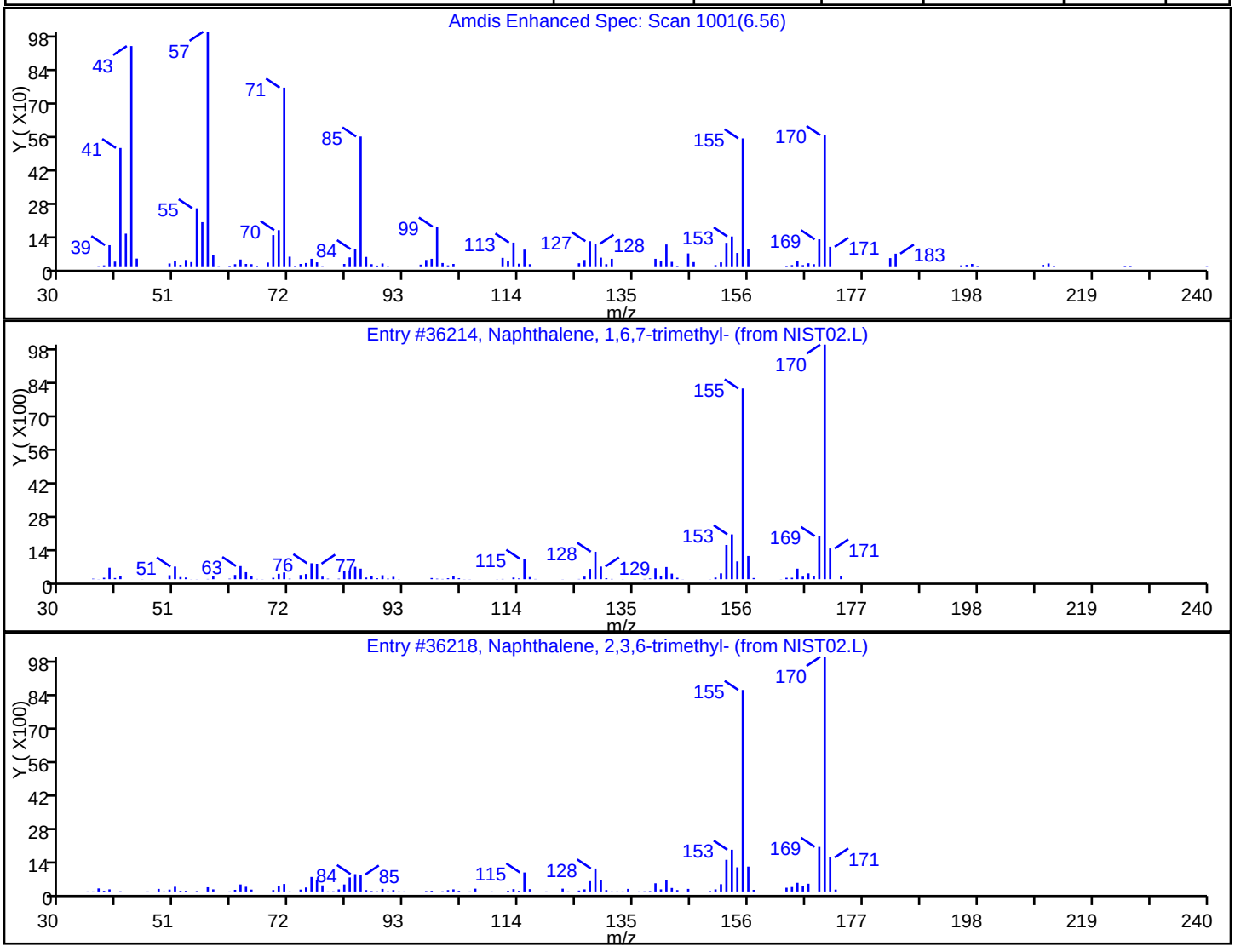
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12 Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36214	C13H14	170	89
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36218	C13H14	170	89



Report Date: 24-Sep-2013 12:38:37 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D

Injection Date: 21-Sep-2013 16:21:30 Instrument ID: CBNAMS12

Lims ID: 460-62993-E-21-F Lab Sample ID:

Client ID: PMP-7SE-SI

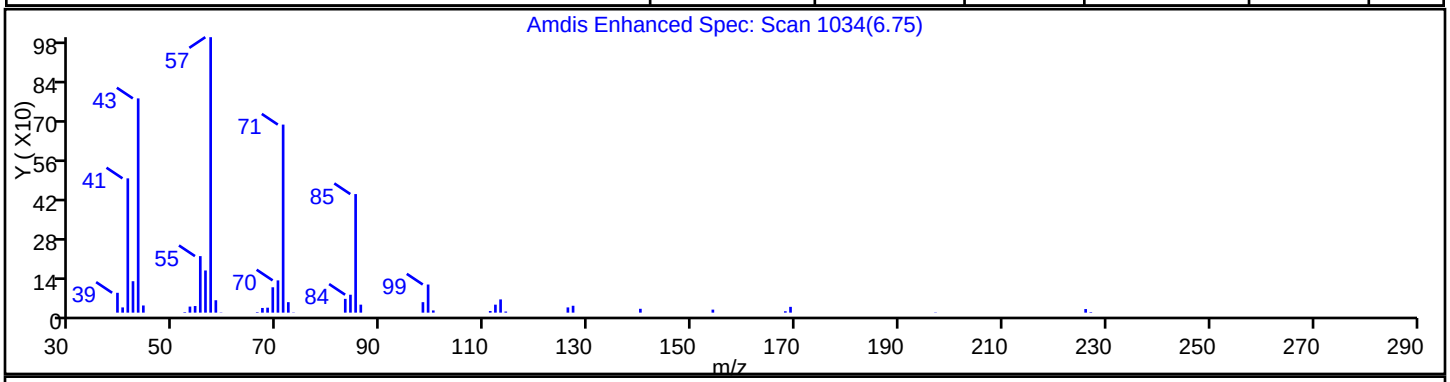
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

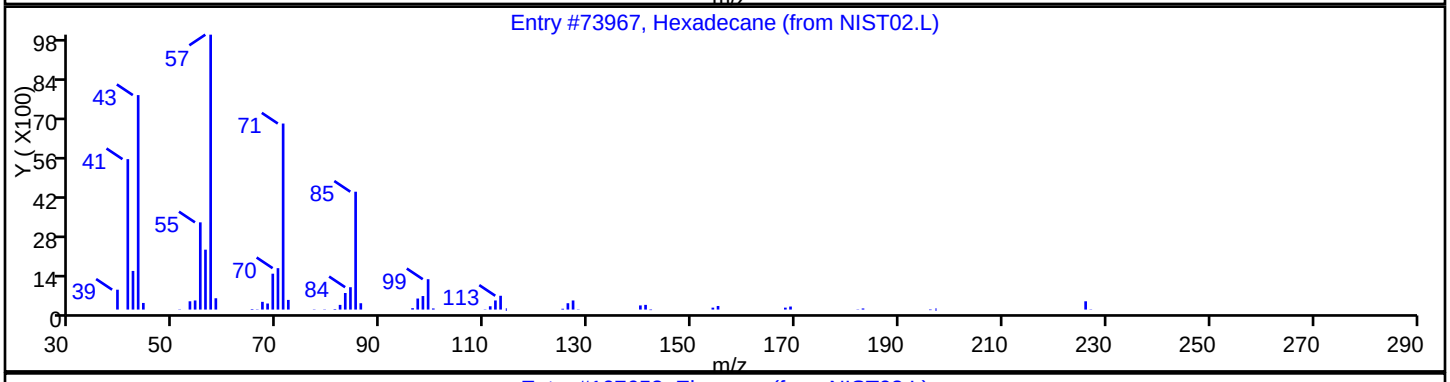
Injection Vol: 1.0 ul Dil. Factor: 1.0000

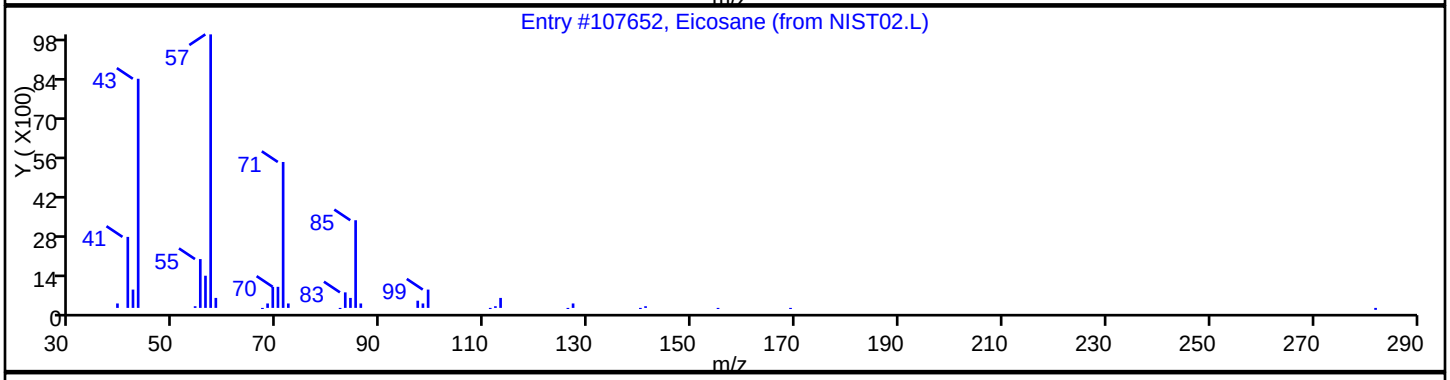
Method: 8270_12 Limit Group: SV 8270 ICAL

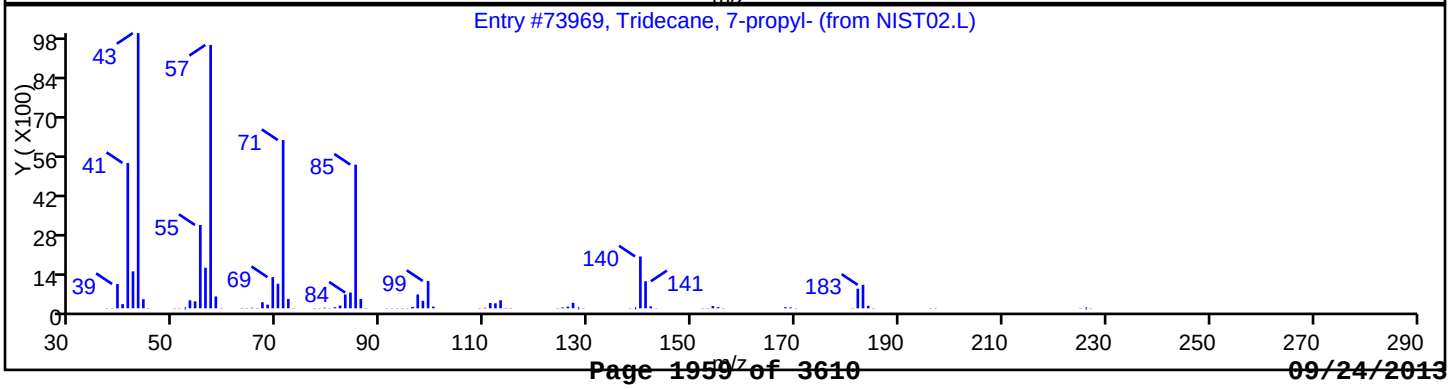
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73967	C16H34	226	97
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91
Tridecane, 7-propyl-	55045-09-5	NIST02.L	73969	C16H34	226	86









Report Date: 24-Sep-2013 12:38:37 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D

Injection Date: 21-Sep-2013 16:21:30 Instrument ID: CBNAMS12

Lims ID: 460-62993-E-21-F Lab Sample ID:

Client ID: PMP-7SE-SI

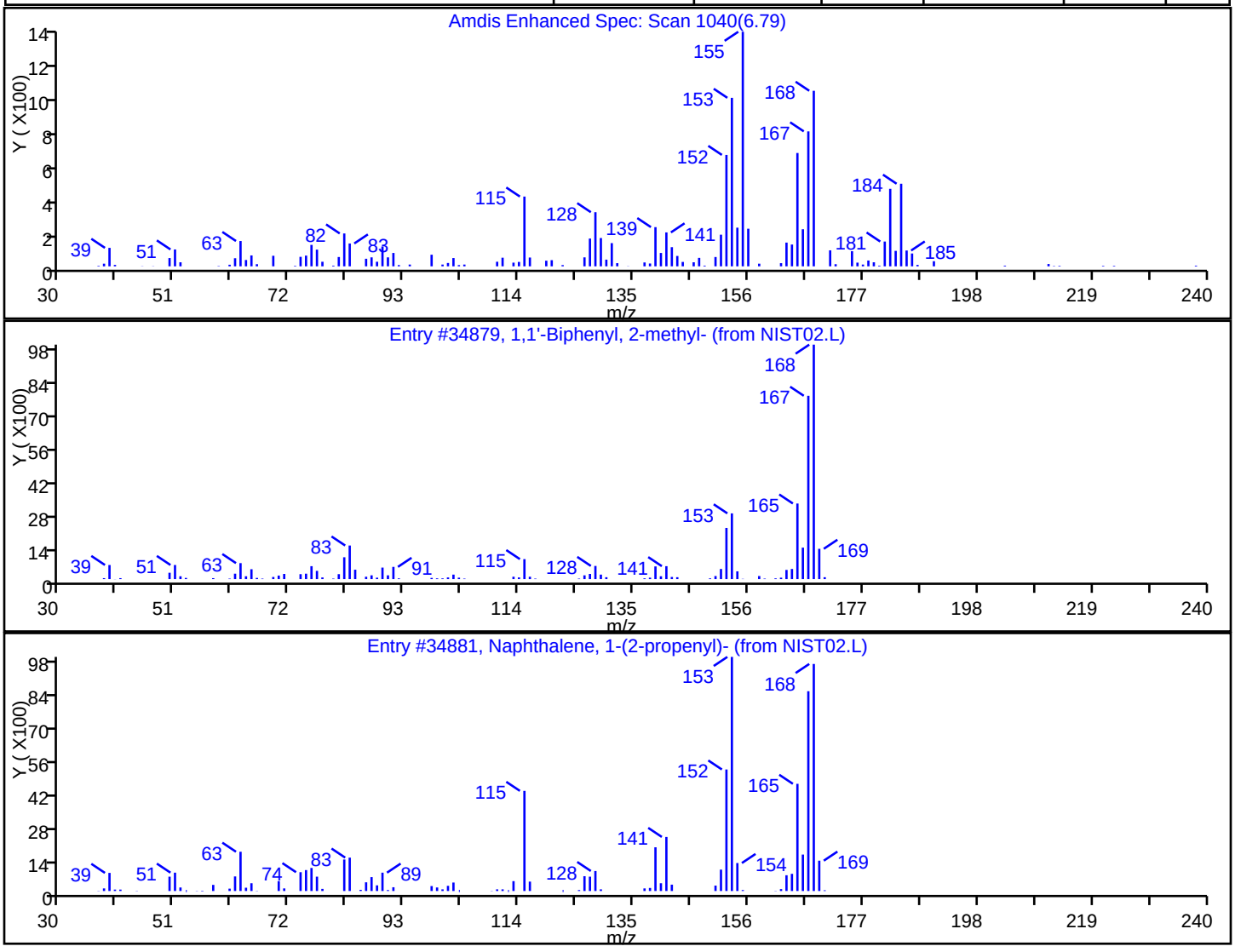
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12 Limit Group: SV 8270 ICAL

Column: Detector MS SCAN

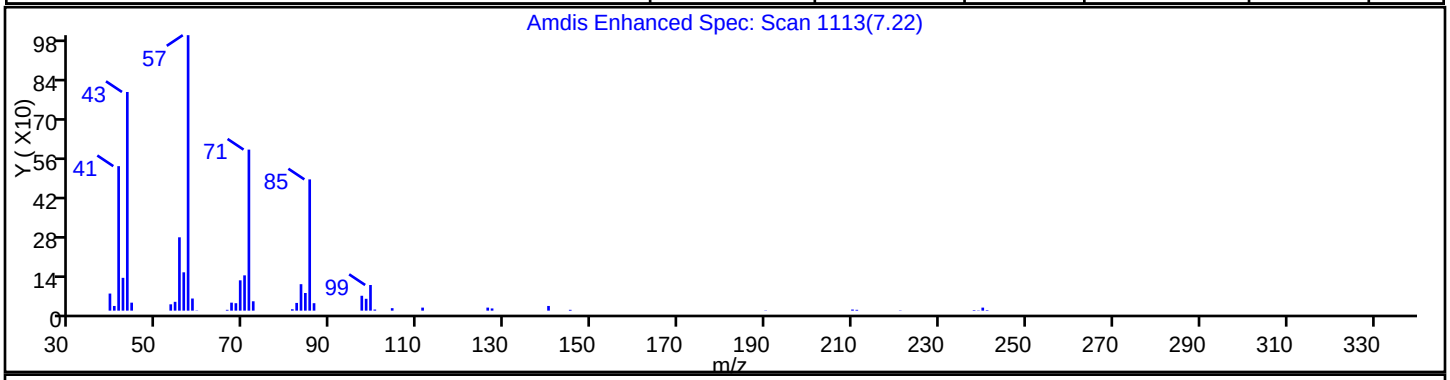
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2-methyl-	643-58-3	NIST02.L	34879	C13H12	168	95
Naphthalene, 1-(2-propenyl)-	2489-86-3	NIST02.L	34881	C13H12	168	89

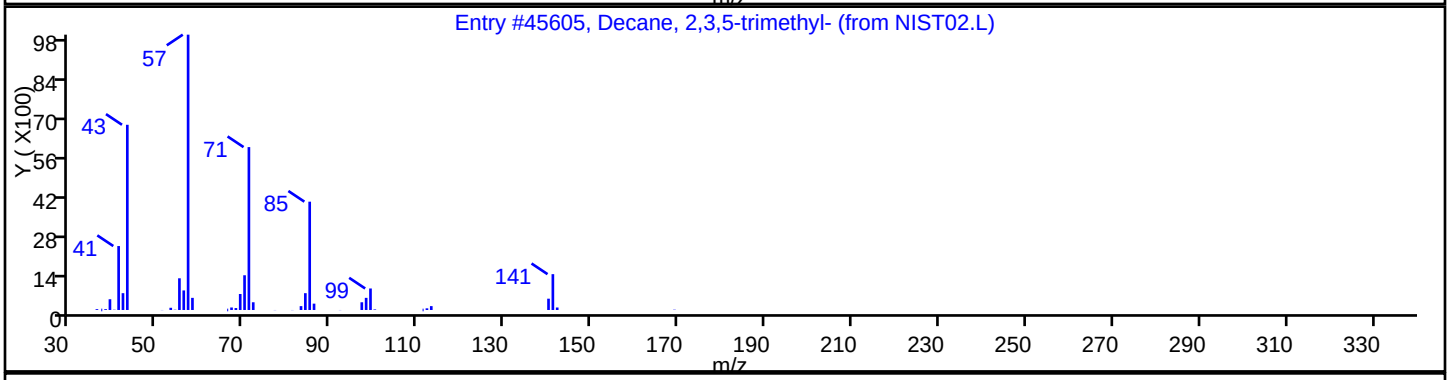


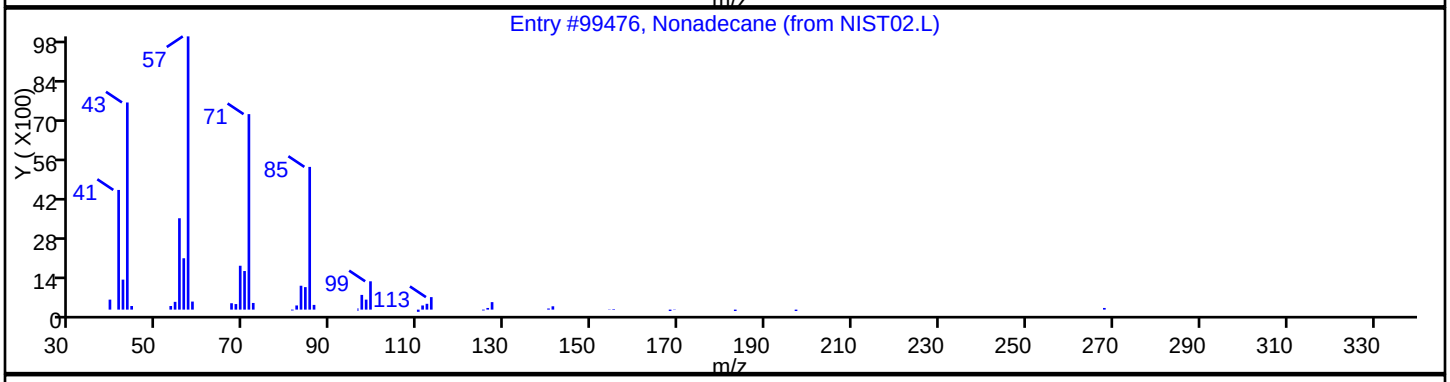
TestAmerica Edison

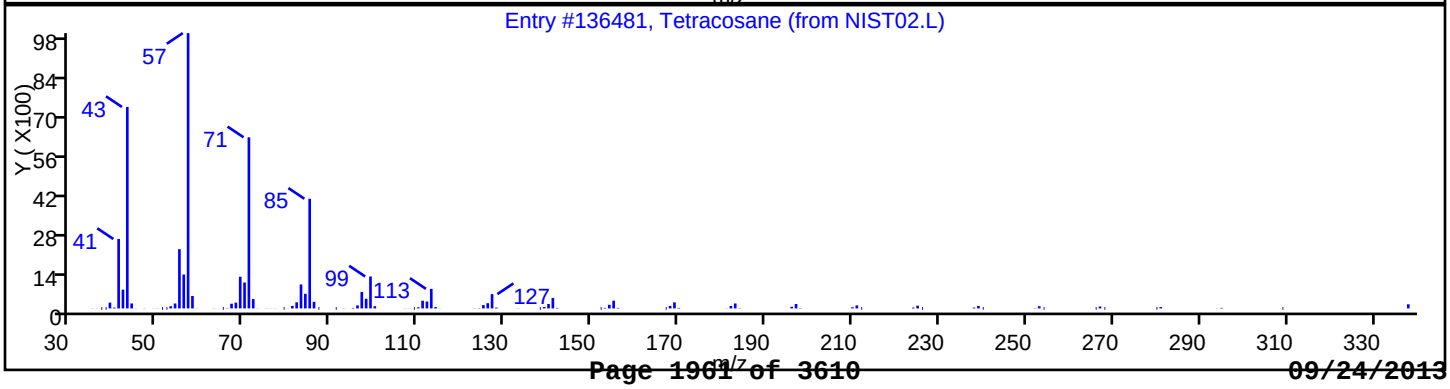
Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D
Injection Date: 21-Sep-2013 16:21:30 Instrument ID: CBNAMS12
Lims ID: 460-62993-E-21-F Lab Sample ID:
Client ID: PMP-7SE-SI
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12 Limit Group: SV 8270 ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decane, 2,3,5-trimethyl-	62238-11-3	NIST02.L	45605	C13H28	184	86
Nonadecane	629-92-5	NIST02.L	99476	C19H40	268	86
Tetracosane	646-31-1	NIST02.L	136481	C24H50	338	86









Report Date: 24-Sep-2013 12:38:37 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112788.D

Injection Date: 21-Sep-2013 16:21:30 Instrument ID: CBNAMS12

Lims ID: 460-62993-E-21-F Lab Sample ID:

Client ID: PMP-7SE-SI

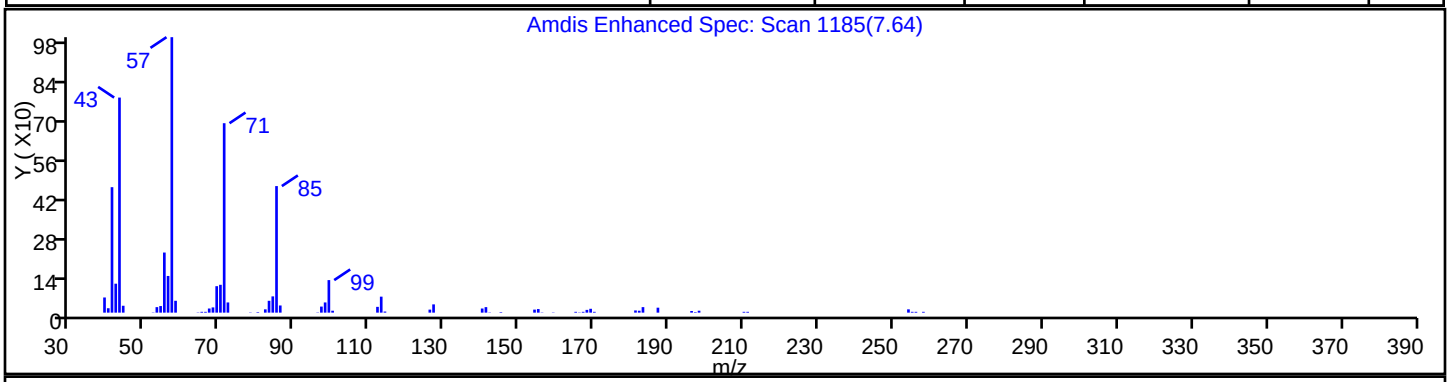
Operator ID: BNA 12 ALS Bottle#: 14 Worklist Smp#: 14

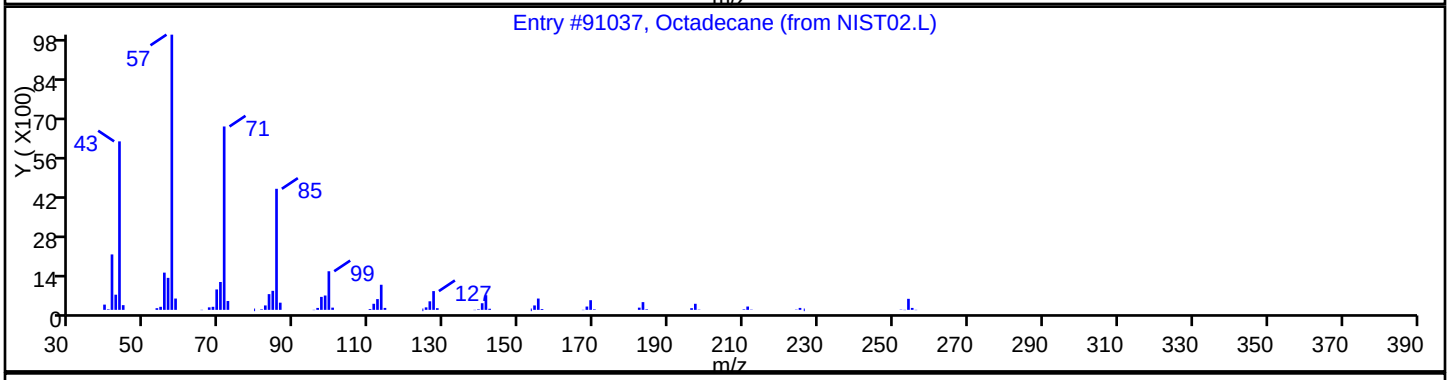
Injection Vol: 1.0 ul Dil. Factor: 1.0000

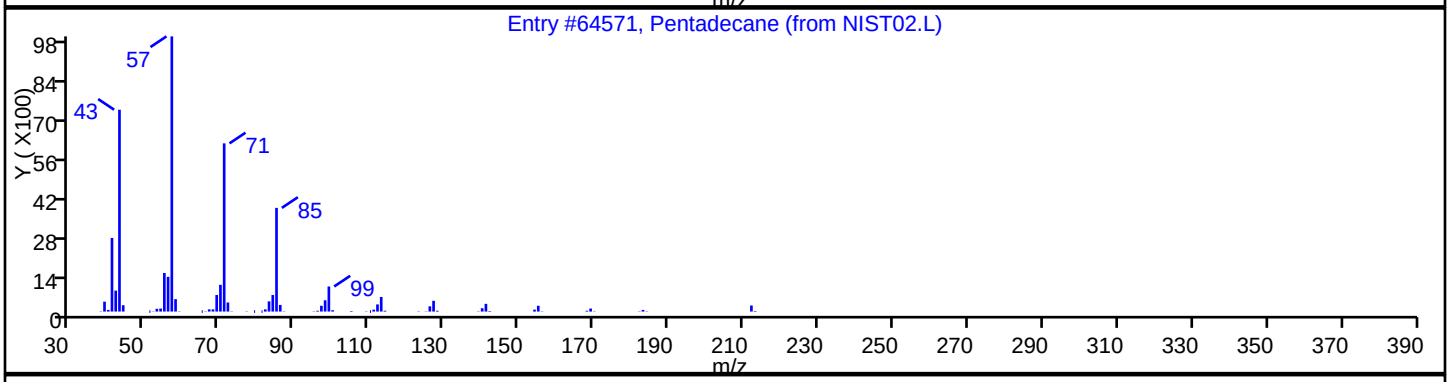
Method: 8270_12 Limit Group: SV 8270 ICAL

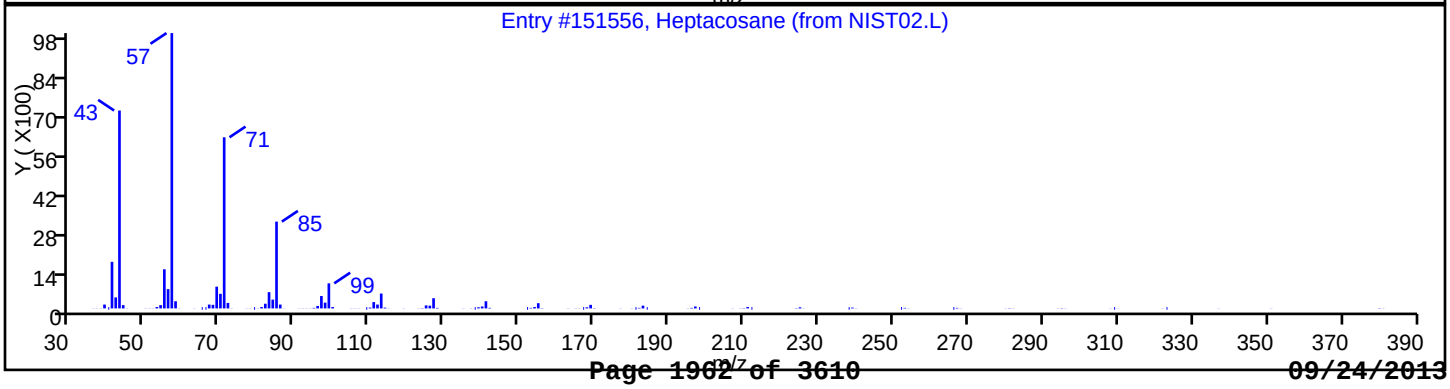
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octadecane	593-45-3	NIST02.L	91037	C18H38	254	90
Pentadecane	629-62-9	NIST02.L	64571	C15H32	212	90
Heptacosane	593-49-7	NIST02.L	151556	C27H56	380	90









FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-VD | Lab Sample ID: 460-62993-22

Matrix: Solid | Lab File ID: 112737.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:45

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/20/2013 09:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	46	U	340	46
95-57-8	2-Chlorophenol	45	U	340	45
95-48-7	2-Methylphenol	59	U	340	59
106-44-5	4-Methylphenol	68	U	340	68
100-52-7	Benzaldehyde	41	U	340	41
98-86-2	Acetophenone	53	U	340	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	340	38
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	34	5.8
98-95-3	Nitrobenzene	4.9	U	34	4.9
67-72-1	Hexachloroethane	3.8	U	34	3.8
78-59-1	Isophorone	42	U	340	42
88-75-5	2-Nitrophenol	38	U	340	38
105-67-9	2,4-Dimethylphenol	85	U	340	85
120-83-2	2,4-Dichlorophenol	50	U	340	50
111-91-1	Bis(2-chloroethoxy)methane	44	U	340	44
91-20-3	Naphthalene	40	U	340	40
106-47-8	4-Chloroaniline	91	U	340	91
87-68-3	Hexachlorobutadiene	8.4	U	70	8.4
105-60-2	Caprolactam	79	U	340	79
59-50-7	4-Chloro-3-methylphenol	52	U	340	52
91-57-6	2-Methylnaphthalene	44	U	340	44
118-74-1	Hexachlorobenzene	4.7	U	34	4.7
77-47-4	Hexachlorocyclopentadiene	41	U	340	41
88-06-2	2,4,6-Trichlorophenol	40	U	340	40
95-95-4	2,4,5-Trichlorophenol	44	U	340	44
92-52-4	Diphenyl	46	U	340	46
91-58-7	2-Chloronaphthalene	38	U	340	38
88-74-4	2-Nitroaniline	140	U	700	140
606-20-2	2,6-Dinitrotoluene	10	U	70	10
131-11-3	Dimethyl phthalate	41	U	340	41
208-96-8	Acenaphthylene	41	U	340	41
99-09-2	3-Nitroaniline	120	U	700	120
83-32-9	Acenaphthene	50	U	340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-VD | Lab Sample ID: 460-62993-22

Matrix: Solid | Lab File ID: 112737.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:45

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/20/2013 09:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	200	U	1000	200
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	41	U	340	41
86-73-7	Fluorene	44	U	340	44
206-44-0	Fluoranthene	46	U	340	46
84-74-2	Di-n-butyl phthalate	43	U	340	43
121-14-2	2,4-Dinitrotoluene	11	U	70	11
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	110	U	700	110
534-52-1	4,6-Dinitro-2-methylphenol	94	U	1000	94
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
1912-24-9	Atrazine	53	U	340	53
120-12-7	Anthracene	42	U	340	42
86-74-8	Carbazole	41	U	340	41
85-01-8	Phenanthrene	44	U	340	44
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	29	U	340	29
218-01-9	Chrysene	40	U	340	40
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
191-24-2	Benzo[g,h,i]perylene	26	U	340	26
205-99-2	Benzo[b]fluoranthene	2.2	U	34	2.2
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	340	34
85-68-7	Butyl benzyl phthalate	32	U	340	32
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
117-84-0	Di-n-octyl phthalate	22	U	340	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	34	6.4
53-70-3	Dibenz(a,h)anthracene	4.3	U	34	4.3
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	340	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-VD Lab Sample ID: 460-62993-22

Matrix: Solid Lab File ID: 112737.D

Analysis Method: 8270C Date Collected: 09/13/2013 10:45

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) Date Analyzed: 09/20/2013 09:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182283 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	76		38-105
4165-62-2	Phenol-d5	86		41-118
1718-51-0	Terphenyl-d14	86		16-151
118-79-6	2,4,6-Tribromophenol	71		10-120
367-12-4	2-Fluorophenol	91		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-VD | Lab Sample ID: 460-62993-22

Matrix: Solid | Lab File ID: 112737.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:45

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/20/2013 09:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182283 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Report Date: 20-Sep-2013 15:52:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112737.D		
Lims ID:	460-62993-E-22-B	Client ID:	PMP-10SE-VD
Inject. Date:	20-Sep-2013 09:49:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004829-020		
Misc. Info.:			
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	182283	Lims Sample ID:	20
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\8270_12.m		
Last Update:	20-Sep-2013 15:50:55	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: croccom		Date:	20-Sep-2013 12:30:01

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	1.934	1.934	0.0	95	849396	90.8	
$ 6 Phenol-d5	99	2.816	2.822	-0.006	99	1094337	86.3	
* 13 1,4-Dichlorobenzene-d4	152	3.140	3.140	0.0	95	376318	40.0	
$ 25 Nitrobenzene-d5	82	3.734	3.734	0.0	88	463845	38.1	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	1448220	40.0	
$ 48 2-Fluorobiphenyl	172	5.581	5.581	0.0	98	1086698	41.2	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	94	779949	40.0	
$ 76 2,4,6-Tribromophenol	330	6.992	6.992	0.0	92	346571	70.8	
* 83 Phenanthrene-d10	188	7.657	7.657	0.0	98	1229117	40.0	
87 Di-n-butyl phthalate	149	8.298	8.298	0.0	89	8923	0.2241	
$ 91 Terphenyl-d14	244	9.228	9.233	-0.005	99	1169127	43.1	
* 96 Chrysene-d12	240	10.216	10.222	-0.006	99	1146550	40.0	
98 Bis(2-ethylhexyl) phthalate	149	10.328	10.333	-0.005	54	2964	0.1286	
* 103 Perylene-d12	264	11.798	11.804	-0.006	98	1225847	40.0	

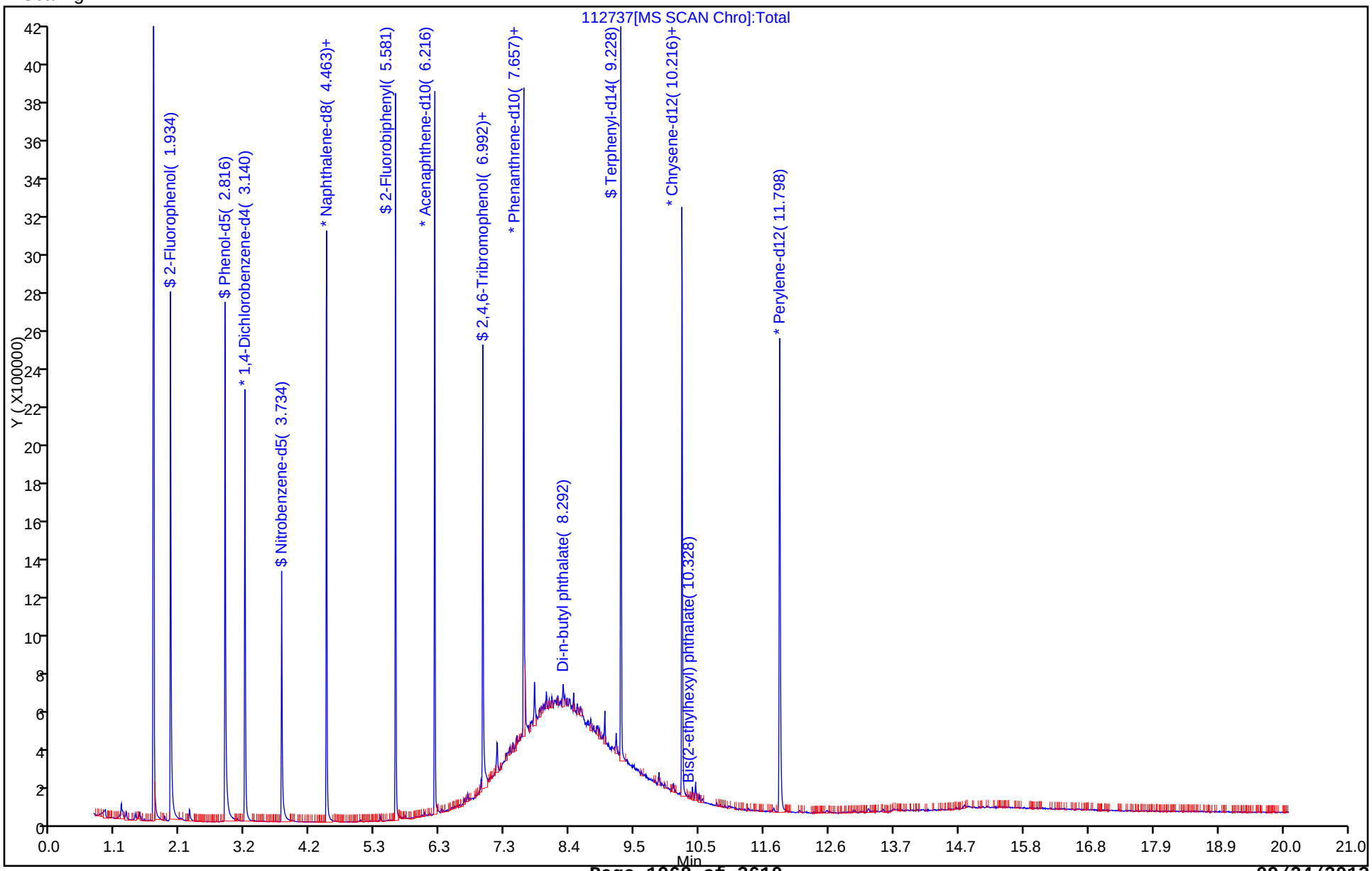
Report Date: 20-Sep-2013 15:52:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112737.D

Injection Date:	20-Sep-2013 09:49:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-10SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	20
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-WT | Lab Sample ID: 460-62993-23

Matrix: Solid | Lab File ID: 112707.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:50

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 18:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	50	U	370	50
95-57-8	2-Chlorophenol	49	U	370	49
95-48-7	2-Methylphenol	64	U	370	64
106-44-5	4-Methylphenol	74	U	370	74
100-52-7	Benzaldehyde	44	U	370	44
98-86-2	Acetophenone	58	U	370	58
111-44-4	Bis(2-chloroethyl)ether	5.1	U	37	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	41	U	370	41
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	37	6.3
98-95-3	Nitrobenzene	5.3	U	37	5.3
67-72-1	Hexachloroethane	4.2	U	37	4.2
78-59-1	Isophorone	45	U	370	45
88-75-5	2-Nitrophenol	42	U	370	42
105-67-9	2,4-Dimethylphenol	92	U	370	92
120-83-2	2,4-Dichlorophenol	55	U	370	55
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
91-20-3	Naphthalene	43	U	370	43
106-47-8	4-Chloroaniline	99	U	370	99
87-68-3	Hexachlorobutadiene	9.1	U	76	9.1
105-60-2	Caprolactam	86	U	370	86
59-50-7	4-Chloro-3-methylphenol	57	U	370	57
91-57-6	2-Methylnaphthalene	48	U	370	48
118-74-1	Hexachlorobenzene	5.1	U	37	5.1
77-47-4	Hexachlorocyclopentadiene	44	U	370	44
88-06-2	2,4,6-Trichlorophenol	44	U	370	44
95-95-4	2,4,5-Trichlorophenol	48	U	370	48
92-52-4	Diphenyl	50	U	370	50
91-58-7	2-Chloronaphthalene	42	U	370	42
88-74-4	2-Nitroaniline	160	U	760	160
606-20-2	2,6-Dinitrotoluene	11	U	76	11
131-11-3	Dimethyl phthalate	44	U	370	44
208-96-8	Acenaphthylene	44	U	370	44
99-09-2	3-Nitroaniline	130	U	760	130
83-32-9	Acenaphthene	55	U	370	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-WT | Lab Sample ID: 460-62993-23

Matrix: Solid | Lab File ID: 112707.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:50

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 18:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	44	U	370	44
84-66-2	Diethyl phthalate	45	U	370	45
86-73-7	Fluorene	48	U	370	48
206-44-0	Fluoranthene	50	U	370	50
84-74-2	Di-n-butyl phthalate	46	U	370	46
121-14-2	2,4-Dinitrotoluene	12	U	76	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	370	44
100-01-6	4-Nitroaniline	120	U	760	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
1912-24-9	Atrazine	58	U	370	58
120-12-7	Anthracene	46	U	370	46
86-74-8	Carbazole	44	U	370	44
85-01-8	Phenanthrene	48	U	370	48
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	31	U	370	31
218-01-9	Chrysene	44	U	370	44
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
191-24-2	Benzo[g,h,i]perylene	28	U	370	28
205-99-2	Benzo[b]fluoranthene	2.4	U	37	2.4
50-32-8	Benzo[a]pyrene	2.7	U	37	2.7
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
86-30-6	N-Nitrosodiphenylamine	37	U	370	37
85-68-7	Butyl benzyl phthalate	34	U	370	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
117-84-0	Di-n-octyl phthalate	24	U	370	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.0	U	37	7.0
53-70-3	Dibenz(a,h)anthracene	4.7	U	37	4.7
91-94-1	3,3'-Dichlorobenzidine	130	U	760	130
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	370	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-WT | Lab Sample ID: 460-62993-23

Matrix: Solid | Lab File ID: 112707.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:50

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 18:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	77		38-105
4165-62-2	Phenol-d5	82		41-118
1718-51-0	Terphenyl-d14	85		16-151
118-79-6	2,4,6-Tribromophenol	71		10-120
367-12-4	2-Fluorophenol	89		37-125
321-60-8	2-Fluorobiphenyl	84		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-WT | Lab Sample ID: 460-62993-23

Matrix: Solid | Lab File ID: 112707.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:50

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 18:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

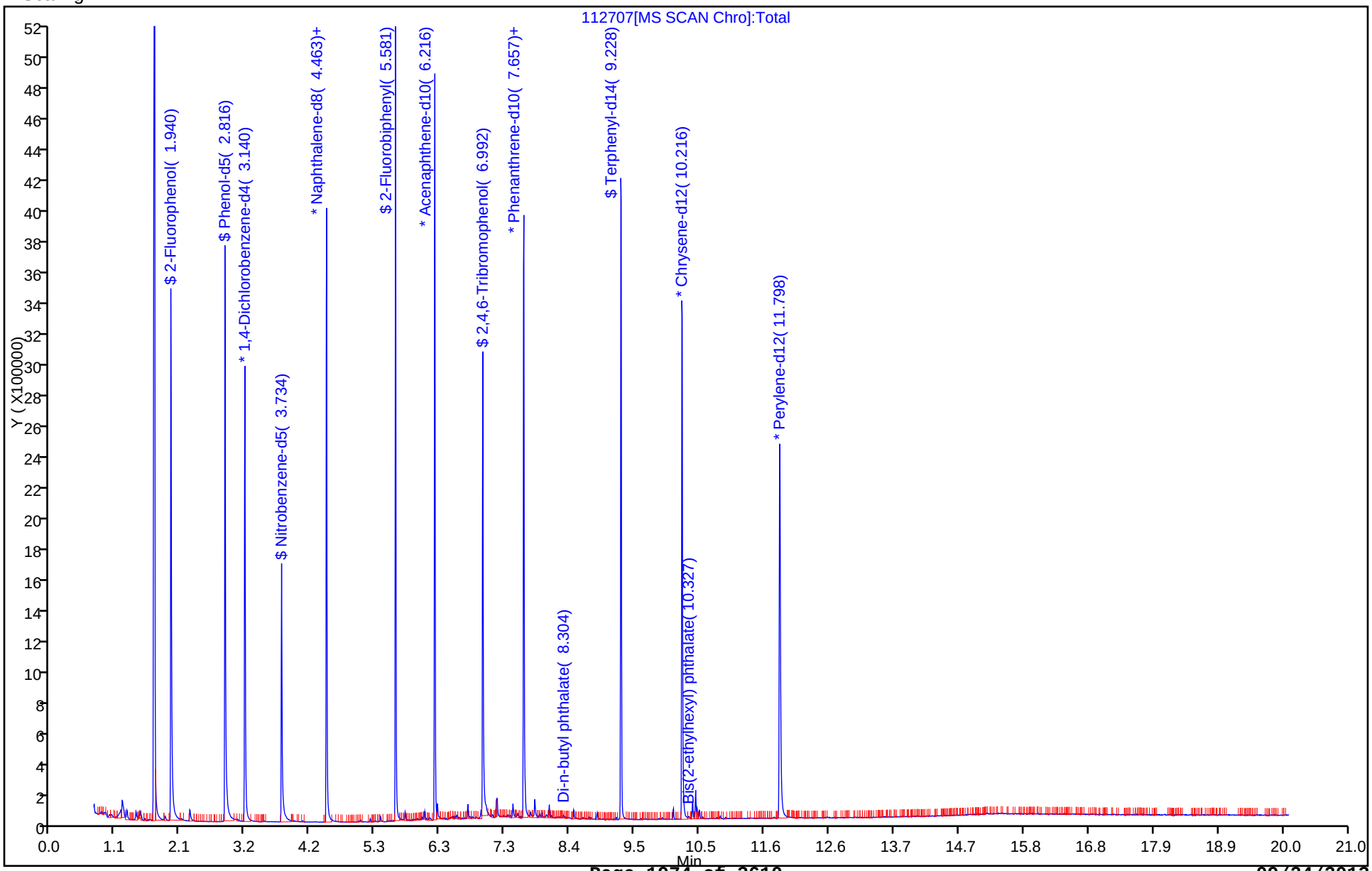
Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112707.D		
Lims ID:	460-62993-E-23-B	Client ID:	PMP-10SE-WT
Inject. Date:	19-Sep-2013 18:52:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004813-015		
Misc. Info.:	460-62993-E-23-B		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	182161	Lims Sample ID:	15
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m		
Last Update:	20-Sep-2013 11:43:38	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: ranav		Date:	20-Sep-2013 10:26:57

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	1.940	1.934	0.006	96	1096357	89.0	
$ 6 Phenol-d5	99	2.816	2.828	-0.012	98	1366943	81.8	
* 13 1,4-Dichlorobenzene-d4	152	3.140	3.140	0.0	95	495545	40.0	
$ 25 Nitrobenzene-d5	82	3.734	3.740	-0.006	87	606643	38.7	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	1864933	40.0	
$ 48 2-Fluorobiphenyl	172	5.581	5.581	0.0	97	1395154	42.2	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	94	979385	40.0	
$ 76 2,4,6-Tribromophenol	330	6.992	6.992	0.0	92	438191	71.3	
* 83 Phenanthrene-d10	188	7.657	7.657	0.0	98	1478118	40.0	
87 Di-n-butyl phthalate	149	8.304	8.298	0.006	83	7907	0.1651	
$ 91 Terphenyl-d14	244	9.233	9.227	0.006	99	1371852	42.7	
* 96 Chrysene-d12	240	10.222	10.221	0.001	99	1357212	40.0	
98 Bis(2-ethylhexyl) phthalate	149	10.327	10.333	-0.006	53	4209	0.1543	
* 103 Perylene-d12	264	11.798	11.804	-0.006	98	1354576	40.0	

Report Date: 20-Sep-2013 11:43:39 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112707.D		
Injection Date:	19-Sep-2013 18:52:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-10SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	15
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-SI | Lab Sample ID: 460-62993-24

Matrix: Solid | Lab File ID: 112708.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:55

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 19:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	52	U	390	52
95-57-8	2-Chlorophenol	51	U	390	51
95-48-7	2-Methylphenol	66	U	390	66
106-44-5	4-Methylphenol	76	U	390	76
100-52-7	Benzaldehyde	45	U	390	45
98-86-2	Acetophenone	59	U	390	59
111-44-4	Bis(2-chloroethyl)ether	5.3	U	39	5.3
108-60-1	2,2'-oxybis[1-chloropropane]	43	U	390	43
621-64-7	N-Nitrosodi-n-propylamine	6.5	U	39	6.5
98-95-3	Nitrobenzene	5.5	U	39	5.5
67-72-1	Hexachloroethane	4.3	U	39	4.3
78-59-1	Isophorone	47	U	390	47
88-75-5	2-Nitrophenol	43	U	390	43
105-67-9	2,4-Dimethylphenol	95	U	390	95
120-83-2	2,4-Dichlorophenol	57	U	390	57
111-91-1	Bis(2-chloroethoxy)methane	50	U	390	50
91-20-3	Naphthalene	45	U	390	45
106-47-8	4-Chloroaniline	100	U	390	100
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
105-60-2	Caprolactam	89	U	390	89
59-50-7	4-Chloro-3-methylphenol	58	U	390	58
91-57-6	2-Methylnaphthalene	50	U	390	50
118-74-1	Hexachlorobenzene	5.3	U	39	5.3
77-47-4	Hexachlorocyclopentadiene	45	U	390	45
88-06-2	2,4,6-Trichlorophenol	45	U	390	45
95-95-4	2,4,5-Trichlorophenol	50	U	390	50
92-52-4	Diphenyl	52	U	390	52
91-58-7	2-Chloronaphthalene	43	U	390	43
88-74-4	2-Nitroaniline	160	U	780	160
606-20-2	2,6-Dinitrotoluene	12	U	78	12
131-11-3	Dimethyl phthalate	46	U	390	46
208-96-8	Acenaphthylene	46	U	390	46
99-09-2	3-Nitroaniline	140	U	780	140
83-32-9	Acenaphthene	56	U	390	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-SI | Lab Sample ID: 460-62993-24

Matrix: Solid | Lab File ID: 112708.D

Analysis Method: 8270C | Date Collected: 09/13/2013 10:55

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 19:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	45	U	390	45
84-66-2	Diethyl phthalate	46	U	390	46
86-73-7	Fluorene	49	U	390	49
206-44-0	Fluoranthene	52	U	390	52
84-74-2	Di-n-butyl phthalate	48	U	390	48
121-14-2	2,4-Dinitrotoluene	13	U	78	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	390	45
100-01-6	4-Nitroaniline	120	U	780	120
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	38	U	390	38
1912-24-9	Atrazine	60	U	390	60
120-12-7	Anthracene	47	U	390	47
86-74-8	Carbazole	46	U	390	46
85-01-8	Phenanthrene	49	U	390	49
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	32	U	390	32
218-01-9	Chrysene	45	U	390	45
207-08-9	Benzo[k]fluoranthene	2.9	U	39	2.9
191-24-2	Benzo[g,h,i]perylene	29	U	390	29
205-99-2	Benzo[b]fluoranthene	2.4	U	39	2.4
50-32-8	Benzo[a]pyrene	2.7	U	39	2.7
56-55-3	Benzo[a]anthracene	2.7	U	39	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	390	38
85-68-7	Butyl benzyl phthalate	35	U	390	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	390	130
117-84-0	Di-n-octyl phthalate	25	U	390	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.2	U	39	7.2
53-70-3	Dibenz(a,h)anthracene	4.9	U	39	4.9
91-94-1	3,3'-Dichlorobenzidine	140	U	780	140
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	390	52
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	390	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-SI Lab Sample ID: 460-62993-24

Matrix: Solid Lab File ID: 112708.D

Analysis Method: 8270C Date Collected: 09/13/2013 10:55

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 19:21

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	61		38-105
4165-62-2	Phenol-d5	80		41-118
1718-51-0	Terphenyl-d14	92		16-151
118-79-6	2,4,6-Tribromophenol	77		10-120
367-12-4	2-Fluorophenol	79		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-SI Lab Sample ID: 460-62993-24

Matrix: Solid Lab File ID: 112708.D

Analysis Method: 8270C Date Collected: 09/13/2013 10:55

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 19:21

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

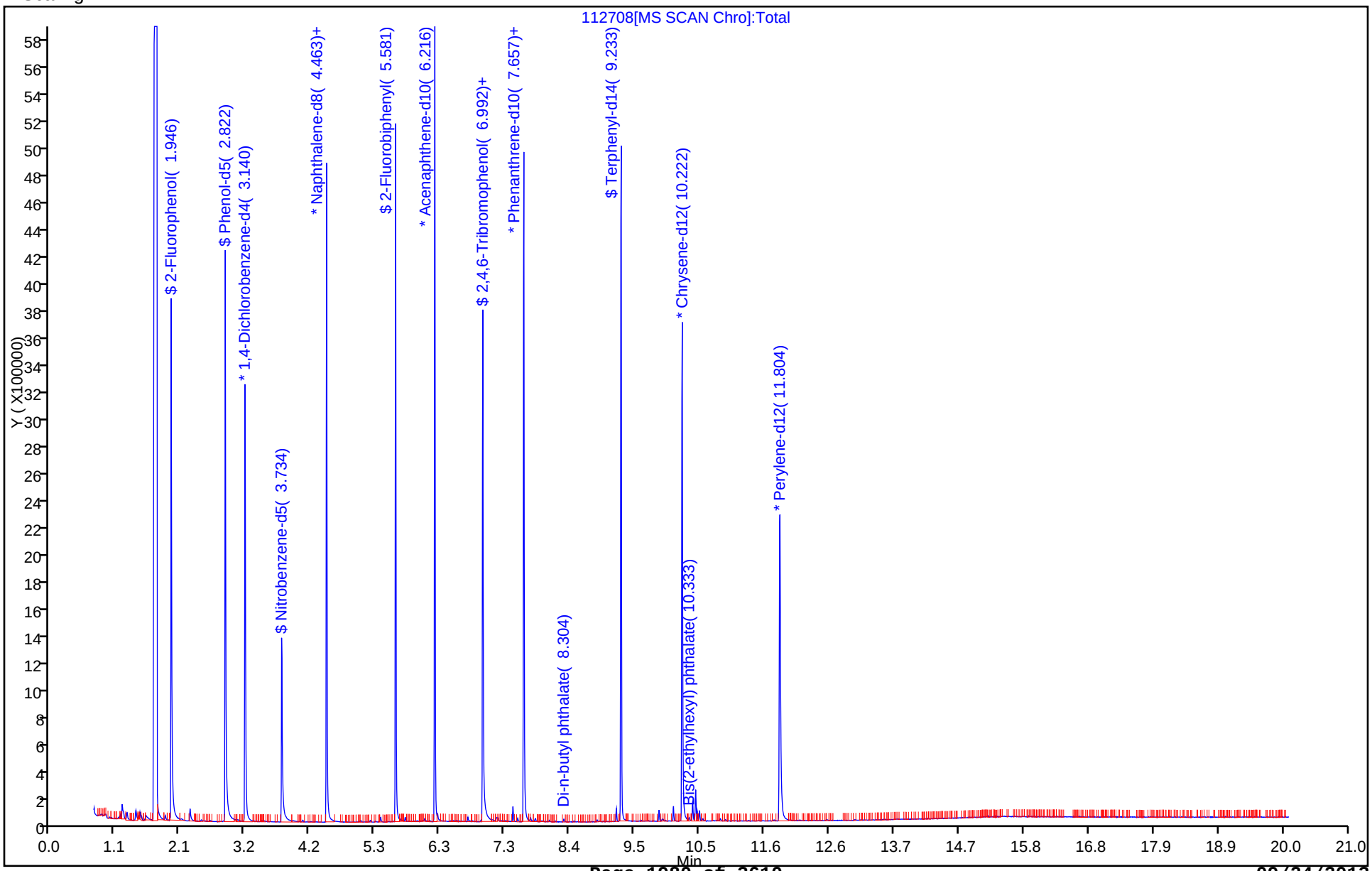
Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112708.D		
Lims ID:	460-62993-E-24-B	Client ID:	PMP-10SE-SI
Inject. Date:	19-Sep-2013 19:21:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004813-016		
Misc. Info.:	460-62993-E-24-B		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	182161	Lims Sample ID:	16
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m		
Last Update:	20-Sep-2013 11:43:38	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: ranav		Date:	20-Sep-2013 10:28:15

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	1.946	1.934	0.012	95	1088018	78.7	
$ 6 Phenol-d5	99	2.822	2.828	-0.006	98	1507279	80.4	
* 13 1,4-Dichlorobenzene-d4	152	3.140	3.140	0.0	96	556040	40.0	
$ 25 Nitrobenzene-d5	82	3.734	3.740	-0.006	89	537840	30.6	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	2089771	40.0	
$ 48 2-Fluorobiphenyl	172	5.581	5.581	0.0	97	1446075	37.2	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	94	1149375	40.0	
$ 76 2,4,6-Tribromophenol	330	6.992	6.992	0.0	92	553000	76.6	
* 83 Phenanthrene-d10	188	7.657	7.657	0.0	98	1814241	40.0	
87 Di-n-butyl phthalate	149	8.304	8.298	0.006	91	9884	0.1682	
$ 91 Terphenyl-d14	244	9.233	9.227	0.006	99	1602810	45.9	
* 96 Chrysene-d12	240	10.222	10.221	0.001	99	1474600	40.0	
98 Bis(2-ethylhexyl) phthalate	149	10.333	10.333	0.0	61	5473	0.1847	
* 103 Perylene-d12	264	11.804	11.804	0.0	98	1301015	40.0	

Report Date: 20-Sep-2013 11:43:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112708.D		
Injection Date:	19-Sep-2013 19:21:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-10SE-SI	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	16
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-SD | Lab Sample ID: 460-62993-25

Matrix: Solid | Lab File ID: 112709.D

Analysis Method: 8270C | Date Collected: 09/13/2013 11:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 19:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	54	U	400	54
95-57-8	2-Chlorophenol	53	U	400	53
95-48-7	2-Methylphenol	69	U	400	69
106-44-5	4-Methylphenol	80	U	400	80
100-52-7	Benzaldehyde	48	U	400	48
98-86-2	Acetophenone	62	U	400	62
111-44-4	Bis(2-chloroethyl)ether	5.5	U	40	5.5
108-60-1	2,2'-oxybis[1-chloropropane]	45	U	400	45
621-64-7	N-Nitrosodi-n-propylamine	6.8	U	40	6.8
98-95-3	Nitrobenzene	5.8	U	40	5.8
67-72-1	Hexachloroethane	4.5	U	40	4.5
78-59-1	Isophorone	49	U	400	49
88-75-5	2-Nitrophenol	45	U	400	45
105-67-9	2,4-Dimethylphenol	100	U	400	100
120-83-2	2,4-Dichlorophenol	59	U	400	59
111-91-1	Bis(2-chloroethoxy)methane	52	U	400	52
91-20-3	Naphthalene	47	U	400	47
106-47-8	4-Chloroaniline	110	U	400	110
87-68-3	Hexachlorobutadiene	9.9	U	82	9.9
105-60-2	Caprolactam	93	U	400	93
59-50-7	4-Chloro-3-methylphenol	61	U	400	61
91-57-6	2-Methylnaphthalene	52	U	400	52
118-74-1	Hexachlorobenzene	5.5	U	40	5.5
77-47-4	Hexachlorocyclopentadiene	48	U	400	48
88-06-2	2,4,6-Trichlorophenol	47	U	400	47
95-95-4	2,4,5-Trichlorophenol	52	U	400	52
92-52-4	Diphenyl	54	U	400	54
91-58-7	2-Chloronaphthalene	45	U	400	45
88-74-4	2-Nitroaniline	170	U	820	170
606-20-2	2,6-Dinitrotoluene	12	U	82	12
131-11-3	Dimethyl phthalate	48	U	400	48
208-96-8	Acenaphthylene	48	U	400	48
99-09-2	3-Nitroaniline	140	U	820	140
83-32-9	Acenaphthene	59	U	400	59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-SD | Lab Sample ID: 460-62993-25

Matrix: Solid | Lab File ID: 112709.D

Analysis Method: 8270C | Date Collected: 09/13/2013 11:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 19:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	260	U	1200	260
51-28-5	2,4-Dinitrophenol	230	U	1200	230
132-64-9	Dibenzofuran	48	U	400	48
84-66-2	Diethyl phthalate	48	U	400	48
86-73-7	Fluorene	52	U	400	52
206-44-0	Fluoranthene	54	U	400	54
84-74-2	Di-n-butyl phthalate	50	U	400	50
121-14-2	2,4-Dinitrotoluene	13	U	82	13
7005-72-3	4-Chlorophenyl phenyl ether	48	U	400	48
100-01-6	4-Nitroaniline	130	U	820	130
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	40	U	400	40
1912-24-9	Atrazine	63	U	400	63
120-12-7	Anthracene	49	U	400	49
86-74-8	Carbazole	48	U	400	48
85-01-8	Phenanthrene	52	U	400	52
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	34	U	400	34
218-01-9	Chrysene	47	U	400	47
207-08-9	Benzo[k]fluoranthene	3.1	U	40	3.1
191-24-2	Benzo[g,h,i]perylene	30	U	400	30
205-99-2	Benzo[b]fluoranthene	2.6	U	40	2.6
50-32-8	Benzo[a]pyrene	2.9	U	40	2.9
56-55-3	Benzo[a]anthracene	2.8	U	40	2.8
86-30-6	N-Nitrosodiphenylamine	40	U	400	40
85-68-7	Butyl benzyl phthalate	37	U	400	37
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	400	130
117-84-0	Di-n-octyl phthalate	26	U	400	26
193-39-5	Indeno[1,2,3-cd]pyrene	7.5	U	40	7.5
53-70-3	Dibenz(a,h)anthracene	5.1	U	40	5.1
91-94-1	3,3'-Dichlorobenzidine	140	U	820	140
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	400	55
58-90-2	2,3,4,6-Tetrachlorophenol	53	U	400	53

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-SD | Lab Sample ID: 460-62993-25

Matrix: Solid | Lab File ID: 112709.D

Analysis Method: 8270C | Date Collected: 09/13/2013 11:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 19:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	65		38-105
4165-62-2	Phenol-d5	75		41-118
1718-51-0	Terphenyl-d14	81		16-151
118-79-6	2,4,6-Tribromophenol	68		10-120
367-12-4	2-Fluorophenol	80		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-SD Lab Sample ID: 460-62993-25

Matrix: Solid Lab File ID: 112709.D

Analysis Method: 8270C Date Collected: 09/13/2013 11:00

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 19:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 18.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112709.D		
Lims ID:	460-62993-E-25-B	Client ID:	PMP-10SE-SD
Inject. Date:	19-Sep-2013 19:49:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004813-017		
Misc. Info.:	460-62993-E-25-B		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	17
Lims Batch ID:	182161	Lims Sample ID:	17
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m		
Last Update:	20-Sep-2013 11:43:38	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: ranav		Date:	20-Sep-2013 10:29:11

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	1.946	1.934	0.012	96	1125015	79.8	
$ 6 Phenol-d5	99	2.822	2.828	-0.006	99	1441305	75.4	
* 13 1,4-Dichlorobenzene-d4	152	3.140	3.140	0.0	96	567004	40.0	
$ 25 Nitrobenzene-d5	82	3.734	3.740	-0.006	88	583261	32.5	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	2134611	40.0	
$ 48 2-Fluorobiphenyl	172	5.581	5.581	0.0	97	1426667	37.4	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	94	1129074	40.0	
$ 76 2,4,6-Tribromophenol	330	6.992	6.992	0.0	91	479853	67.7	
* 83 Phenanthrene-d10	188	7.657	7.657	0.0	98	1706963	40.0	
87 Di-n-butyl phthalate	149	8.304	8.298	0.006	82	6381	0.1154	
$ 91 Terphenyl-d14	244	9.227	9.227	0.0	99	1334034	40.6	
* 96 Chrysene-d12	240	10.222	10.221	0.001	99	1387072	40.0	
* 103 Perylene-d12	264	11.804	11.804	0.0	98	1377254	40.0	

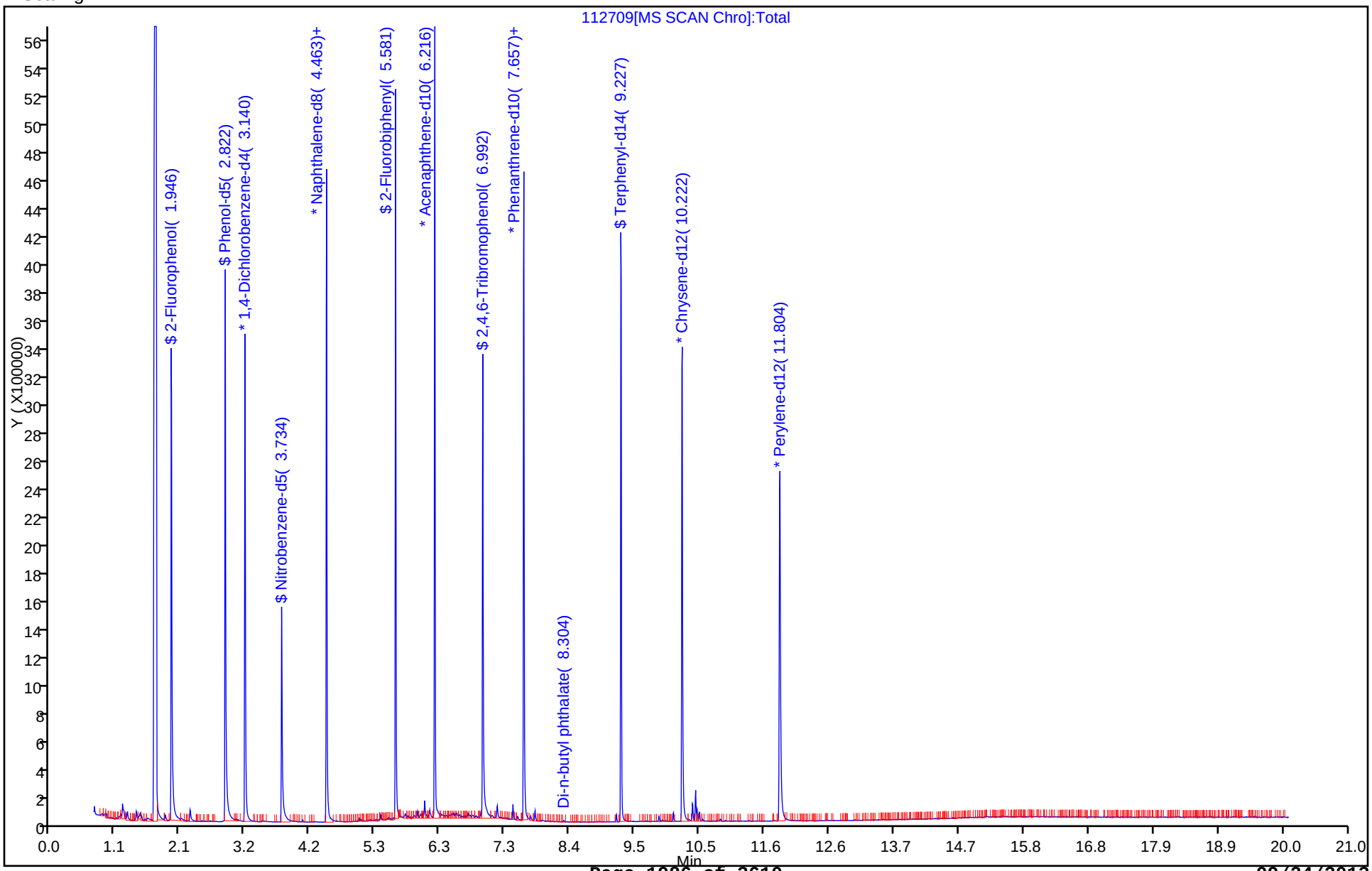
Report Date: 20-Sep-2013 11:43:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112709.D

Injection Date:	19-Sep-2013 19:49:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-10SE-SD	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	17
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-VD | Lab Sample ID: 460-62993-26

Matrix: Solid | Lab File ID: 112715.D

Analysis Method: 8270C | Date Collected: 09/13/2013 11:10

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 22:40

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.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	60	U	350	60
106-44-5	4-Methylphenol	69	U	350	69
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
98-95-3	Nitrobenzene	5.0	U	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	42	U	350	42
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	86	U	350	86
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	41	U	350	41
106-47-8	4-Chloroaniline	93	U	350	93
87-68-3	Hexachlorobutadiene	8.5	U	71	8.5
105-60-2	Caprolactam	81	U	350	81
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	710	150
606-20-2	2,6-Dinitrotoluene	11	U	71	11
131-11-3	Dimethyl phthalate	42	U	350	42
208-96-8	Acenaphthylene	41	U	350	41
99-09-2	3-Nitroaniline	120	U	710	120
83-32-9	Acenaphthene	51	U	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-VD | Lab Sample ID: 460-62993-26

Matrix: Solid | Lab File ID: 112715.D

Analysis Method: 8270C | Date Collected: 09/13/2013 11:10

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 22:40

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.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	47	U	350	47
84-74-2	Di-n-butyl phthalate	43	U	350	43
121-14-2	2,4-Dinitrotoluene	12	U	71	12
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
534-52-1	4,6-Dinitro-2-methylphenol	95	U	1100	95
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	54	U	350	54
120-12-7	Anthracene	43	U	350	43
86-74-8	Carbazole	41	U	350	41
85-01-8	Phenanthrene	45	U	350	45
87-86-5	Pentachlorophenol	100	U	1100	100
129-00-0	Pyrene	29	U	350	29
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-VD | Lab Sample ID: 460-62993-26

Matrix: Solid | Lab File ID: 112715.D

Analysis Method: 8270C | Date Collected: 09/13/2013 11:10

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 22:40

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.: 182161 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	73		38-105
4165-62-2	Phenol-d5	86		41-118
1718-51-0	Terphenyl-d14	92		16-151
118-79-6	2,4,6-Tribromophenol	73		10-120
367-12-4	2-Fluorophenol	90		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-VD Lab Sample ID: 460-62993-26

Matrix: Solid Lab File ID: 112715.D

Analysis Method: 8270C Date Collected: 09/13/2013 11:10

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 22:40

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.: 182161 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112715.D		
Lims ID:	460-62993-E-26-B	Client ID:	PMP-13SE-VD
Inject. Date:	19-Sep-2013 22:40:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004813-023		
Misc. Info.:	460-62993-E-26-B		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	23
Lims Batch ID:	182161	Lims Sample ID:	23
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m		
Last Update:	20-Sep-2013 11:44:21	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	RT Order ID
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: ranav		Date:	20-Sep-2013 10:35:30

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	1.951	1.934	0.017	95	1175701	89.6	
$ 6 Phenol-d5	99	2.828	2.828	0.0	98	1523577	85.5	
* 13 1,4-Dichlorobenzene-d4	152	3.145	3.140	0.005	95	528279	40.0	
$ 25 Nitrobenzene-d5	82	3.740	3.740	0.0	88	625837	36.5	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	2037776	40.0	
$ 48 2-Fluorobiphenyl	172	5.581	5.581	0.0	97	1532274	41.5	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	94	1091667	40.0	
$ 76 2,4,6-Tribromophenol	330	6.992	6.992	0.0	92	499907	72.9	
* 83 Phenanthrene-d10	188	7.657	7.657	0.0	98	1675502	40.0	
87 Di-n-butyl phthalate	149	8.304	8.298	0.006	88	8122	0.1496	
$ 91 Terphenyl-d14	244	9.227	9.227	0.0	99	1469296	45.8	
* 96 Chrysene-d12	240	10.221	10.221	0.0	99	1353735	40.0	
98 Bis(2-ethylhexyl) phthalate	149	10.333	10.333	0.0	63	3927	0.1443	
* 103 Perylene-d12	264	11.804	11.804	0.0	98	1263676	40.0	

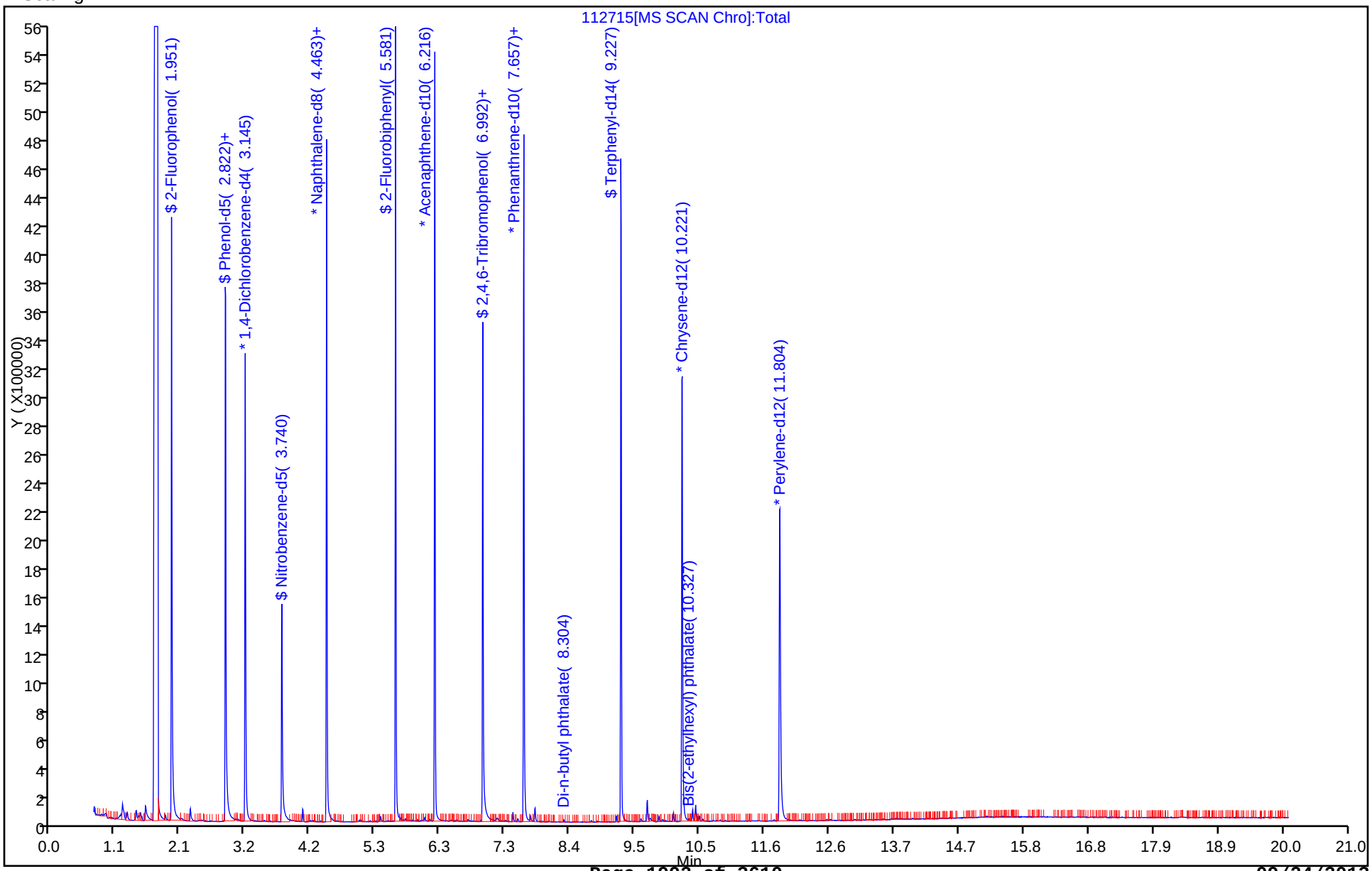
Report Date: 20-Sep-2013 11:44:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112715.D

Injection Date:	19-Sep-2013 22:40:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-13SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	23
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-WT DL | Lab Sample ID: 460-62993-27 DL

Matrix: Solid | Lab File ID: 112736.D

Analysis Method: 8270C | Date Collected: 09/13/2013 11:15

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.04(g) | Date Analyzed: 09/20/2013 09:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	510	U	3800	510
95-57-8	2-Chlorophenol	500	U	3800	500
95-48-7	2-Methylphenol	640	U	3800	640
106-44-5	4-Methylphenol	740	U	3800	740
100-52-7	Benzaldehyde	440	U	3800	440
98-86-2	Acetophenone	580	U	3800	580
111-44-4	Bis(2-chloroethyl)ether	51	U	380	51
108-60-1	2,2'-oxybis[1-chloropropane]	420	U	3800	420
621-64-7	N-Nitrosodi-n-propylamine	63	U	380	63
98-95-3	Nitrobenzene	54	U	380	54
67-72-1	Hexachloroethane	42	U	380	42
78-59-1	Isophorone	460	U	3800	460
88-75-5	2-Nitrophenol	420	U	3800	420
105-67-9	2,4-Dimethylphenol	930	U	3800	930
120-83-2	2,4-Dichlorophenol	550	U	3800	550
111-91-1	Bis(2-chloroethoxy)methane	490	U	3800	490
91-20-3	Naphthalene	440	U	3800	440
106-47-8	4-Chloroaniline	1000	U	3800	1000
87-68-3	Hexachlorobutadiene	92	U	760	92
105-60-2	Caprolactam	870	U	3800	870
59-50-7	4-Chloro-3-methylphenol	570	U	3800	570
91-57-6	2-Methylnaphthalene	490	U	3800	490
118-74-1	Hexachlorobenzene	52	U	380	52
77-47-4	Hexachlorocyclopentadiene	440	U	3800	440
88-06-2	2,4,6-Trichlorophenol	440	U	3800	440
95-95-4	2,4,5-Trichlorophenol	490	U	3800	490
92-52-4	Diphenyl	510	U	3800	510
91-58-7	2-Chloronaphthalene	420	U	3800	420
88-74-4	2-Nitroaniline	1600	U	7600	1600
606-20-2	2,6-Dinitrotoluene	110	U	760	110
131-11-3	Dimethyl phthalate	450	U	3800	450
208-96-8	Acenaphthylene	450	U	3800	450
99-09-2	3-Nitroaniline	1300	U	7600	1300
83-32-9	Acenaphthene	550	U	3800	550

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-WT DL | Lab Sample ID: 460-62993-27 DL

Matrix: Solid | Lab File ID: 112736.D

Analysis Method: 8270C | Date Collected: 09/13/2013 11:15

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.04(g) | Date Analyzed: 09/20/2013 09:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	2400	U	11000	2400
51-28-5	2,4-Dinitrophenol	2100	U	11000	2100
132-64-9	Dibenzofuran	440	U	3800	440
84-66-2	Diethyl phthalate	450	U	3800	450
86-73-7	Fluorene	480	U	3800	480
206-44-0	Fluoranthene	500	U	3800	500
84-74-2	Di-n-butyl phthalate	470	U	3800	470
121-14-2	2,4-Dinitrotoluene	120	U	760	120
7005-72-3	4-Chlorophenyl phenyl ether	440	U	3800	440
100-01-6	4-Nitroaniline	1200	U	7600	1200
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	11000	1000
101-55-3	4-Bromophenyl phenyl ether	370	U	3800	370
1912-24-9	Atrazine	580	U	3800	580
120-12-7	Anthracene	460	U	3800	460
86-74-8	Carbazole	450	U	3800	450
85-01-8	Phenanthrene	480	U	3800	480
87-86-5	Pentachlorophenol	1100	U	11000	1100
129-00-0	Pyrene	320	U	3800	320
218-01-9	Chrysene	440	U	3800	440
207-08-9	Benzo[k]fluoranthene	29	U	380	29
191-24-2	Benzo[g,h,i]perylene	280	U	3800	280
205-99-2	Benzo[b]fluoranthene	24	U	380	24
50-32-8	Benzo[a]pyrene	27	U	380	27
56-55-3	Benzo[a]anthracene	26	U	380	26
86-30-6	N-Nitrosodiphenylamine	370	U	3800	370
85-68-7	Butyl benzyl phthalate	350	U	3800	350
117-81-7	Bis(2-ethylhexyl) phthalate	1300	U	3800	1300
117-84-0	Di-n-octyl phthalate	240	U	3800	240
193-39-5	Indeno[1,2,3-cd]pyrene	70	U	380	70
53-70-3	Dibenz(a,h)anthracene	48	U	380	48
91-94-1	3,3'-Dichlorobenzidine	1300	U	7600	1300
95-94-3	1,2,4,5-Tetrachlorobenzene	510	U	3800	510
58-90-2	2,3,4,6-Tetrachlorophenol	490	U	3800	490

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-WT DL | Lab Sample ID: 460-62993-27 DL

Matrix: Solid | Lab File ID: 112736.D

Analysis Method: 8270C | Date Collected: 09/13/2013 11:15

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.04(g) | Date Analyzed: 09/20/2013 09:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182283 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	0	D	38-105
4165-62-2	Phenol-d5	0	D	41-118
1718-51-0	Terphenyl-d14	0	D	16-151
118-79-6	2,4,6-Tribromophenol	0	D	10-120
367-12-4	2-Fluorophenol	0	D	37-125
321-60-8	2-Fluorobiphenyl	0	D	40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-WT DL | Lab Sample ID: 460-62993-27 DL

Matrix: Solid | Lab File ID: 112736.D

Analysis Method: 8270C | Date Collected: 09/13/2013 11:15

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.04(g) | Date Analyzed: 09/20/2013 09:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182283 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 324900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
74645-98-0	Dodecane, 2,7,10-trimethyl-	5.60	11000	D J N
629-59-4	Tetradecane	5.73	25000	D J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	6.05	25000	D J N
1560-95-8	Tetradecane, 2-methyl-	6.08	10000	D J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	6.13	13000	D J N
629-62-9	Pentadecane	6.26	41000	D J N
2245-38-7	Naphthalene, 1,6,7-trimethyl-	6.55	13000	D J N
55045-10-8	Tridecane, 6-propyl-	6.58	12000	D J N
544-76-3	Hexadecane	6.75	47000	D J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	6.97	20000	D J N
	Unknown alkane	7.23	60000	D J
2801-87-8	Pentadecane, 4-methyl-	7.69	15000	D J N
35693-92-6	1,1'-Biphenyl, 2,4,6-trichloro-	8.03	10000	D J N
629-92-5	Nonadecane	8.07	13000	D J N
112-95-8	Eicosane	8.47	9900	D J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112736.D		
Lims ID:	460-62993-E-27-B	Client ID:	PMP-13SE-WT
Inject. Date:	20-Sep-2013 09:20:30	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004829-019		
Misc. Info.:			
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	18
Lims Batch ID:	182283	Lims Sample ID:	19
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\8270_12.m		
Last Update:	20-Sep-2013 15:50:55	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: croccom		Date:	20-Sep-2013 11:39:00

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
* 13 1,4-Dichlorobenzene-d4	152	3.140	3.140	0.0	95	438698	40.0	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	1697064	40.0	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	94	889230	40.0	
* 83 Phenanthrene-d10	188	7.657	7.657	0.0	98	1303847	40.0	
90 Pyrene	202	9.051	9.039	0.012	83	16350	0.4055	
* 96 Chrysene-d12	240	10.216	10.222	-0.006	99	1224686	40.0	
98 Bis(2-ethylhexyl) phthalate	149	10.327	10.333	-0.006	64	3033	0.1232	
* 103 Perylene-d12	264	11.798	11.804	-0.006	98	1404535	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112736.D		
Lims ID:	460-62993-E-27-B	Client ID:	PMP-13SE-WT
Inject. Date:	20-Sep-2013 09:20:30	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004829-019		
Misc. Info.:			
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	18
Lims Batch ID:	182283	Lims Sample ID:	19
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\8270_12.m		
Last Update:	20-Sep-2013 15:50:55	Calib Date:	16-Sep-2013 20:10:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	75		
Process Host:	XAWRK008		
First Level Reviewer: croccom		Date:	20-Sep-2013 11:39:00

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
	74645-98-0	Dodecane, 2,7,10-trimethyl-				
5.598	1866029	14.8	61	90	64587	
	629-59-4	Tetradecane				
5.733	4179275	33.2	61	96	55008	
	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-				
6.051	4193758	33.3	61	86	107670	
	1560-95-8	Tetradecane, 2-methyl-				
6.075	1692483	13.4	61	87	64579	
	80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal				
6.133	2191297	17.4	61	93	61716	
	629-62-9	Pentadecane				
6.263	6864480	54.5	61	91	64575	
	2245-38-7	Naphthalene, 1,6,7-trimethyl-				
6.545	2155257	17.1	61	94	36213	
	55045-10-8	Tridecane, 6-propyl-				
6.575	2024262	16.1	61	93	73970	
	544-76-3	Hexadecane				
6.751	7814870	62.1	61	97	73967	
	3892-00-0	Pentadecane, 2,6,10-trimethyl-				
6.969	6216915	25.9	83	93	91053	
		Unknown alkane				
7.233	18919687	78.8	83	0	0	
	2801-87-8	Pentadecane, 4-methyl-				
7.686	4800881	20.0	83	93	73984	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
35693-92-6 1,1'-Biphenyl, 2,4,6-trichloro-						
8.027	3215202	13.4	83	99	91785	
629-92-5 Nonadecane						
8.069	3979454	16.6	83	97	99476	
112-95-8 Eicosane						
8.469	3135235	13.1	83	97	107655	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	6.216	5035842	40.0
* 83 Phenanthrene-d10	7.657	9600025	40.0

QC Flag Legend

Processing Flags

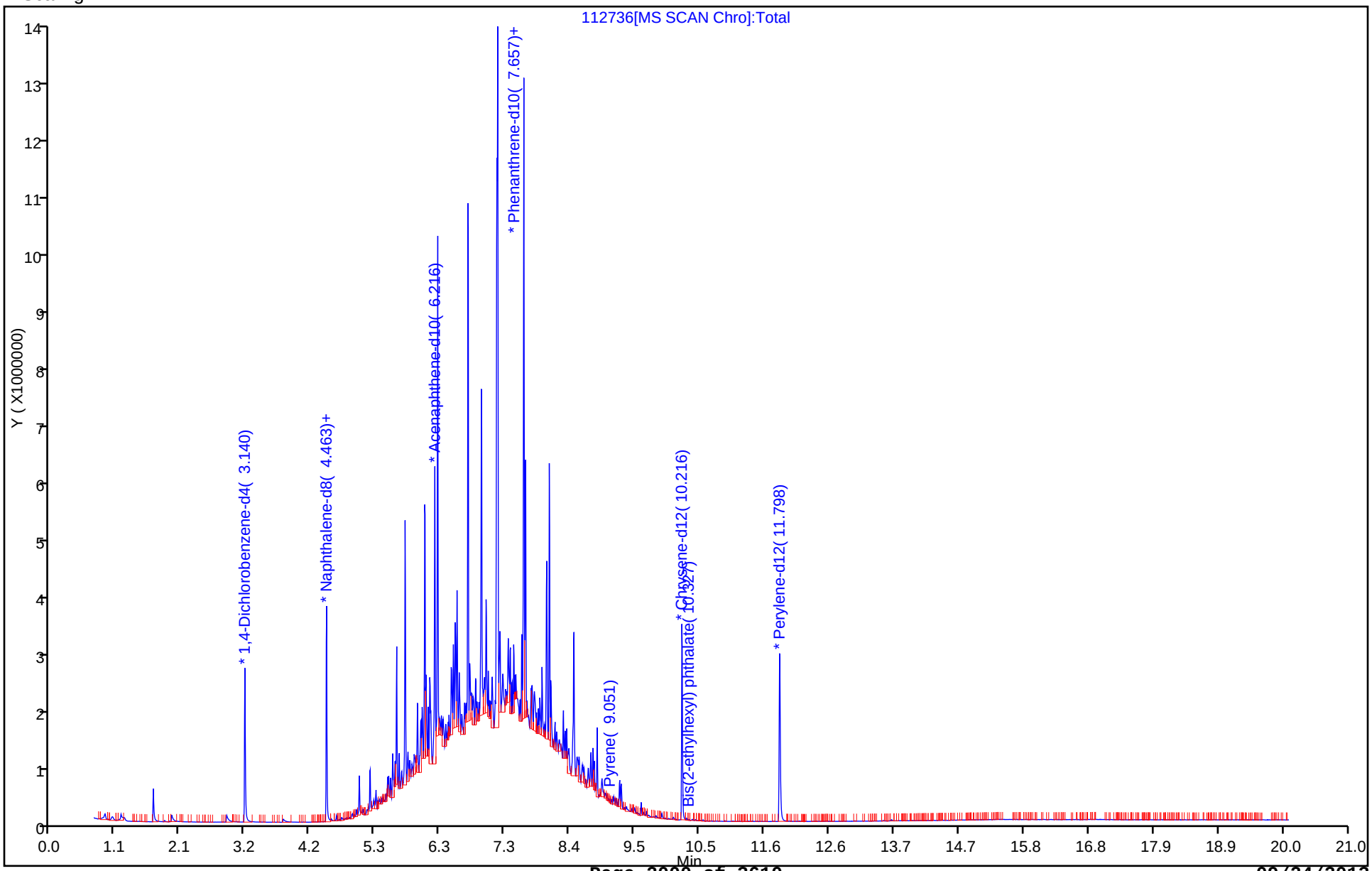
Report Date: 20-Sep-2013 15:52:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112736.D

Injection Date:	20-Sep-2013 09:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-13SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	19
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



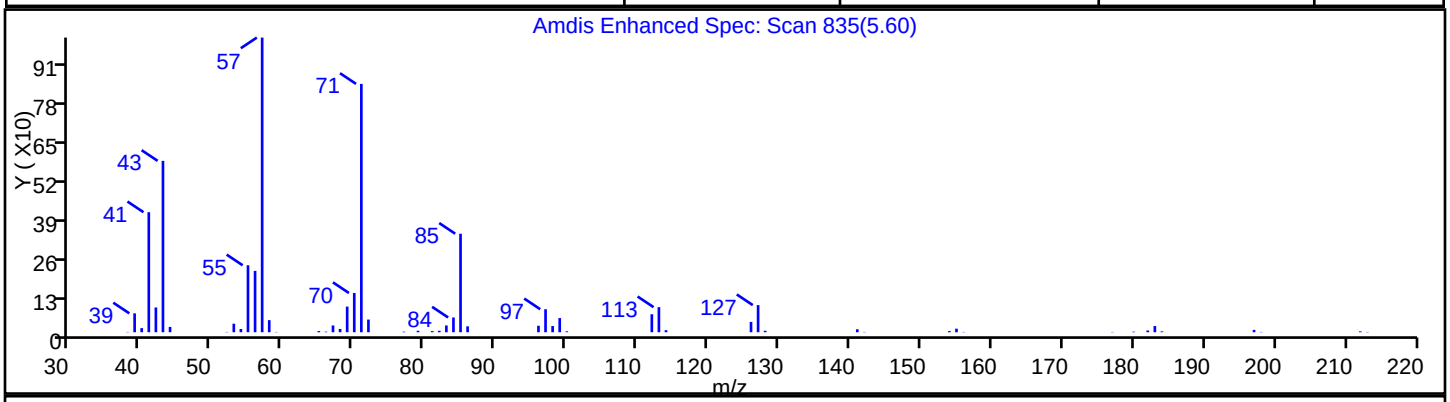
Report Date: 20-Sep-2013 15:52:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

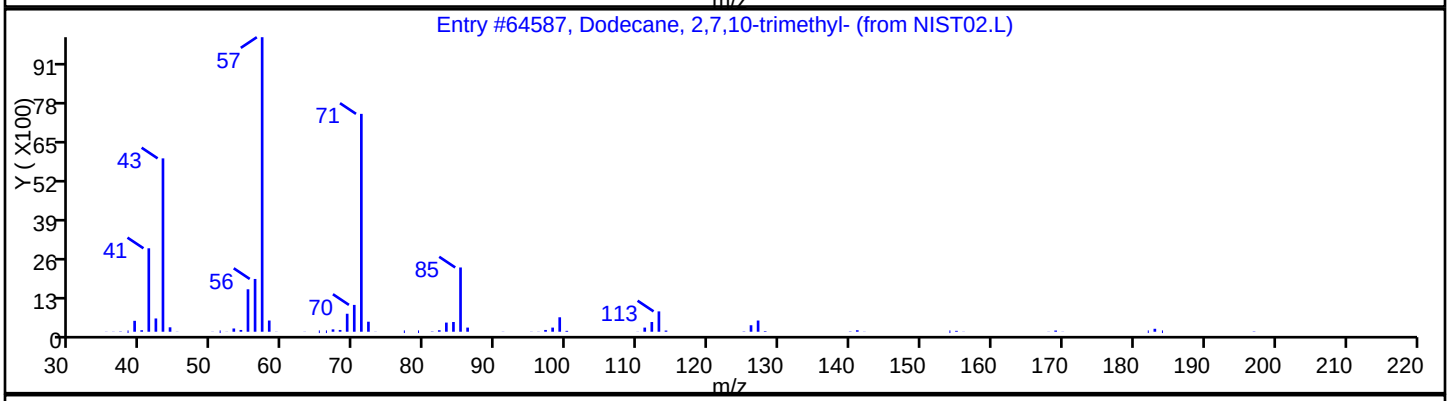
TestAmerica Edison

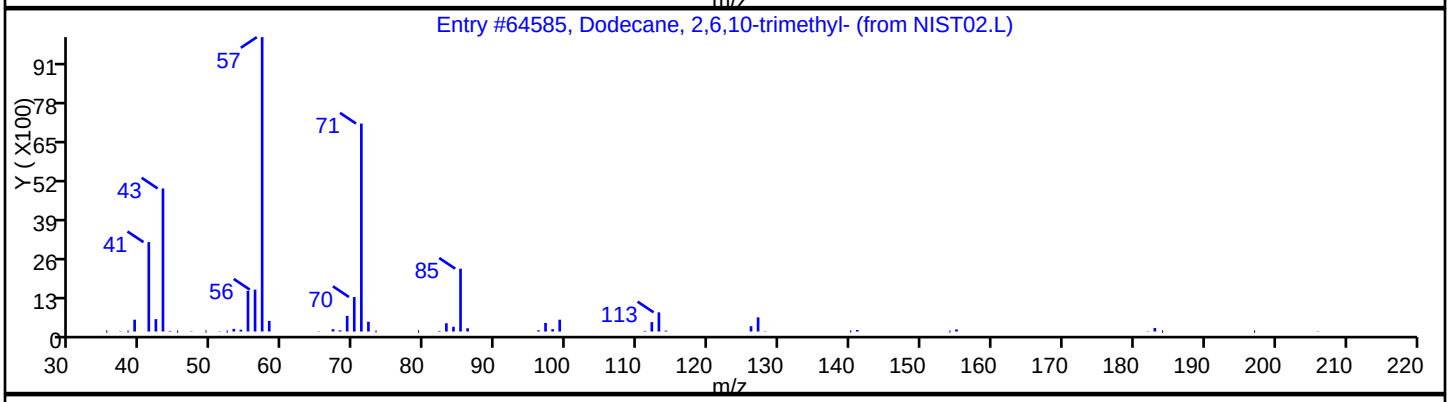
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112736.D

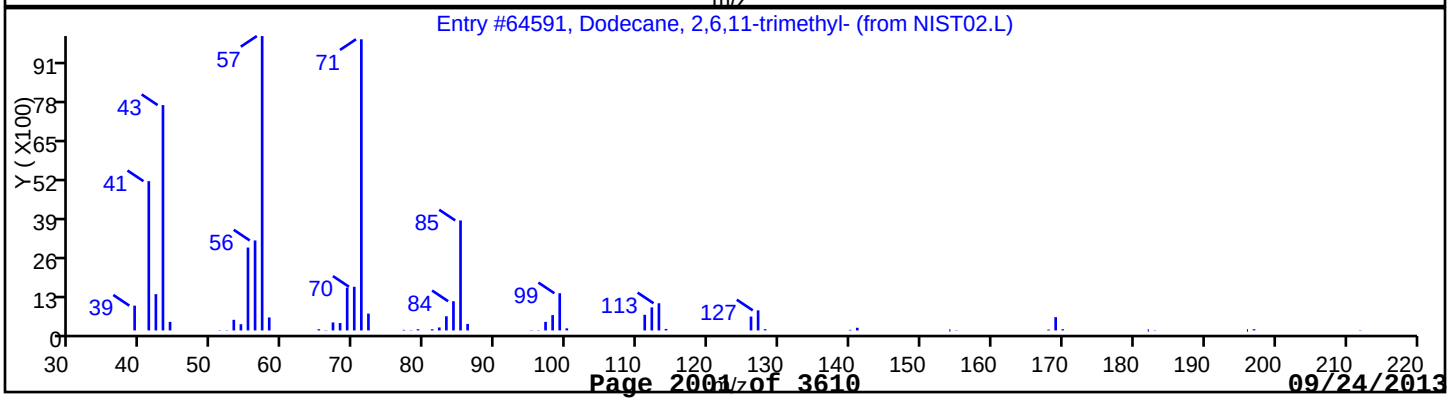
Injection Date:	20-Sep-2013 09:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-13SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	19
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	90
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64585	90
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	80









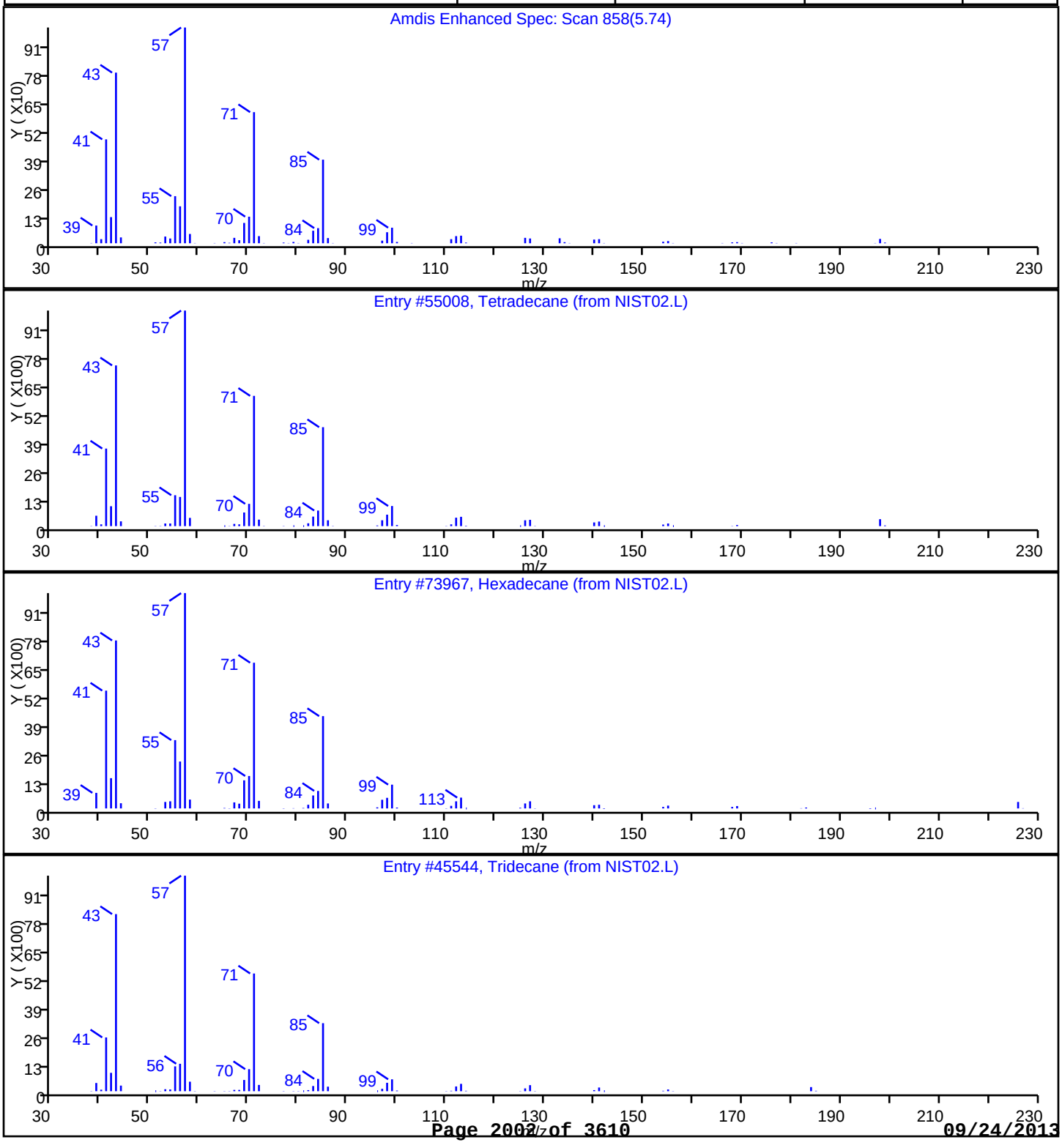
Report Date: 20-Sep-2013 15:52:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112736.D

Injection Date:	20-Sep-2013 09:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-13SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	19
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tetradecane	629-59-4	NIST02.L	55008	96
Hexadecane	544-76-3	NIST02.L	73967	91
Tridecane	629-50-5	NIST02.L	45544	86



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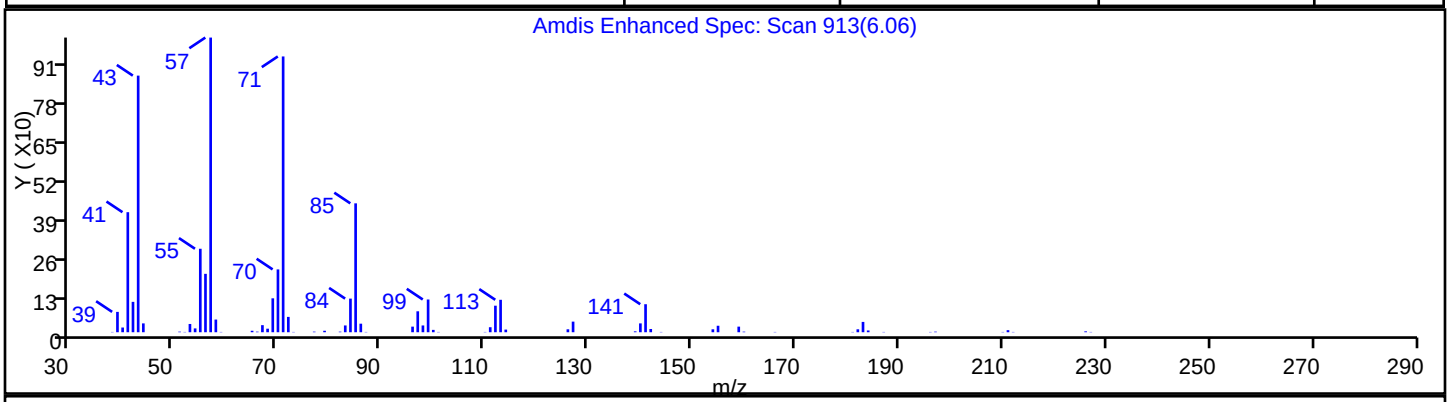
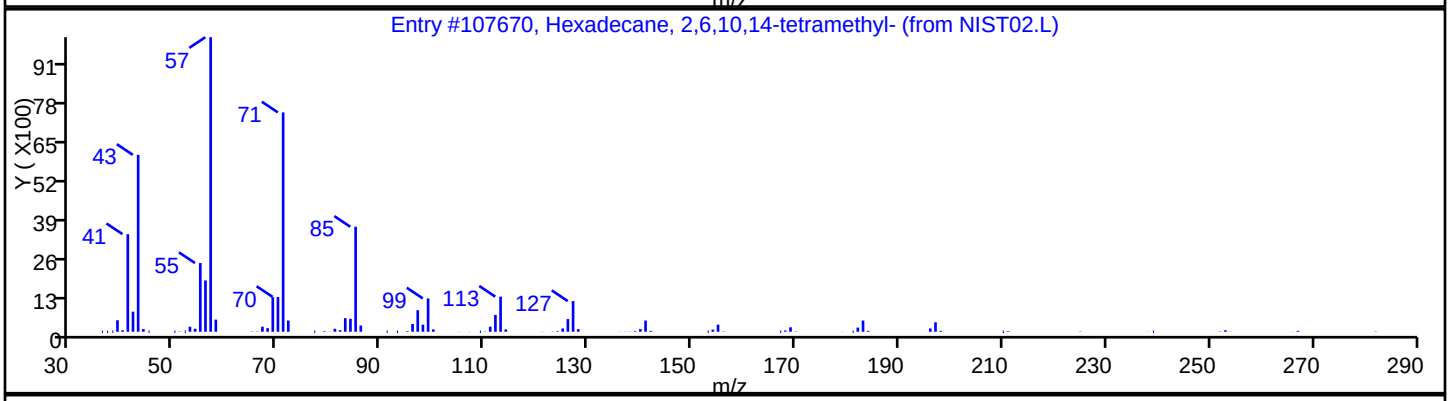
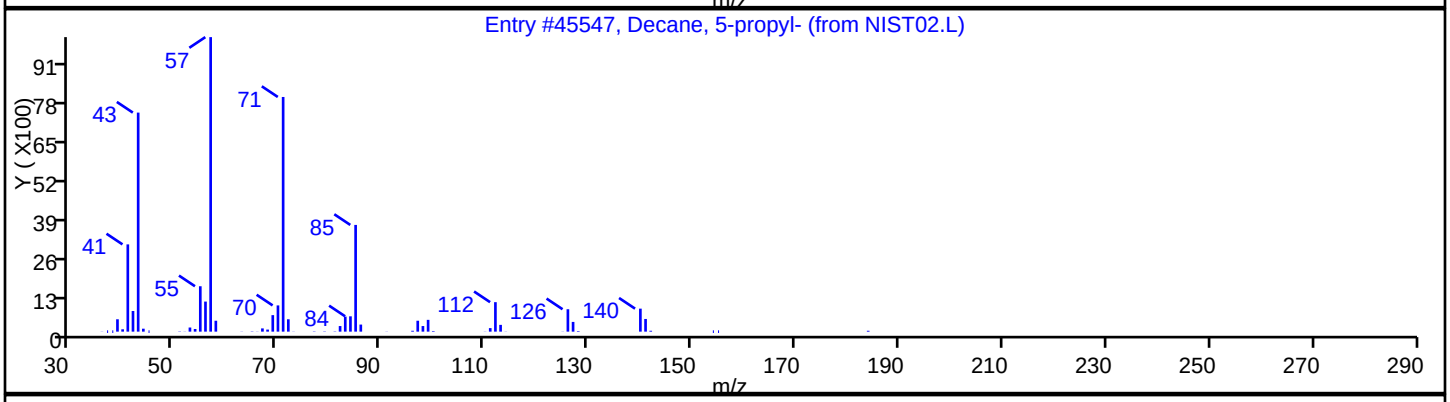
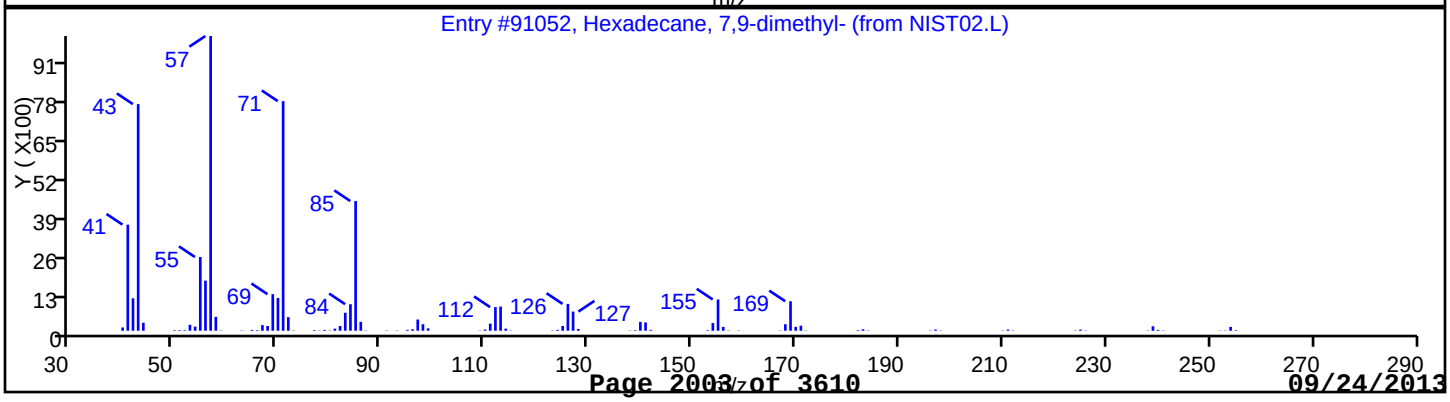
Injection Date:	20-Sep-2013 09:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-13SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	19
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	86
Decane, 5-propyl-	17312-62-8	NIST02.L	45547	76
Hexadecane, 7,9-dimethyl-	21164-95-4	NIST02.L	91052	72









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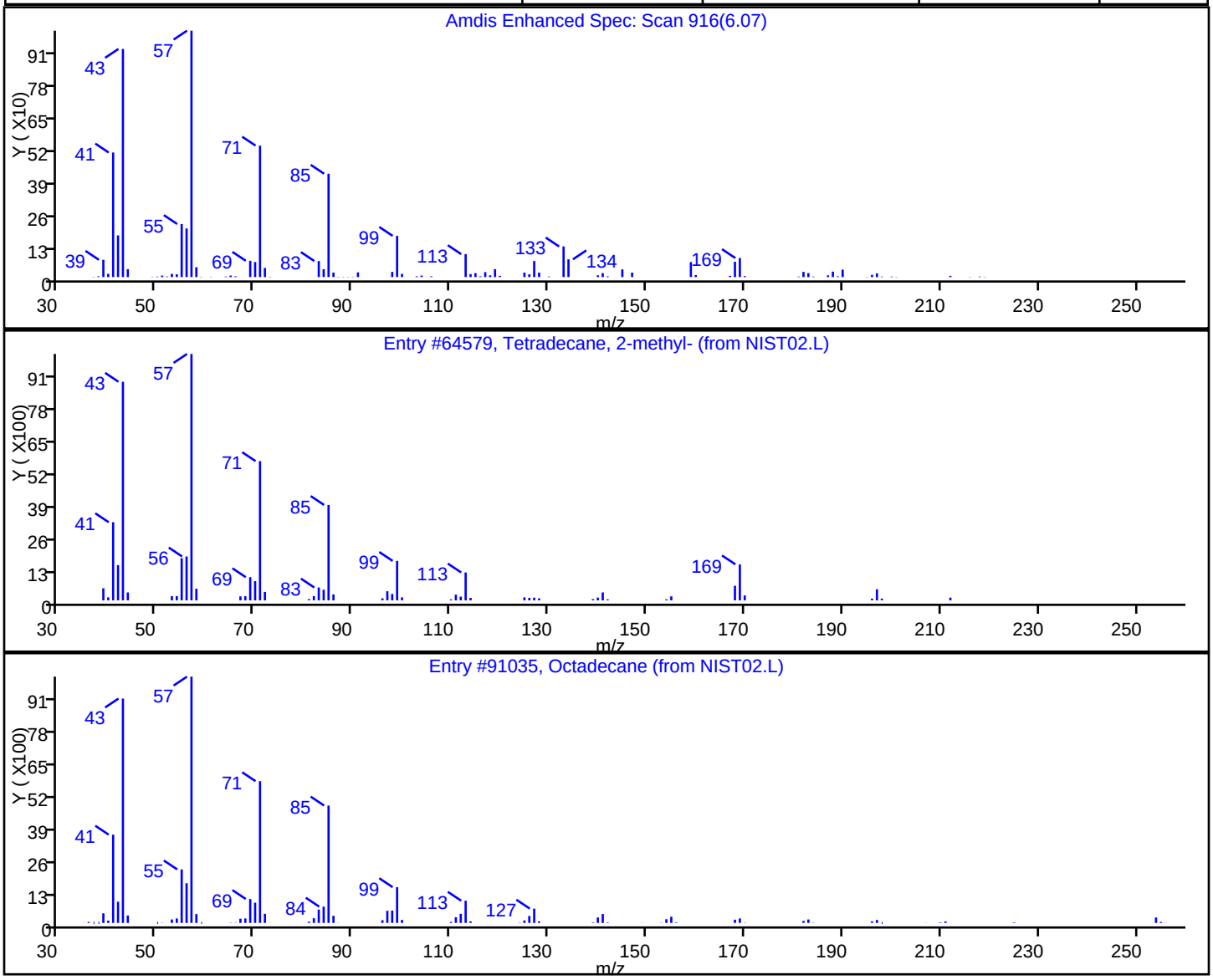
Injection Date: 20-Sep-2013 09:20:30 Limit Group: SV 8270 ICAL
Client ID: PMP-13SE-WT Instrument ID: CBNAMS12
Lims Batch ID: 182283 Lims Sample ID: 19
Operator ID: BNA 12 Injection Vol: 1.0 ul
Column Type: Column Dia:

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tetradecane, 2-methyl-	1560-95-8	NIST02.L	64579	87
Octadecane	593-45-3	NIST02.L	91035	72



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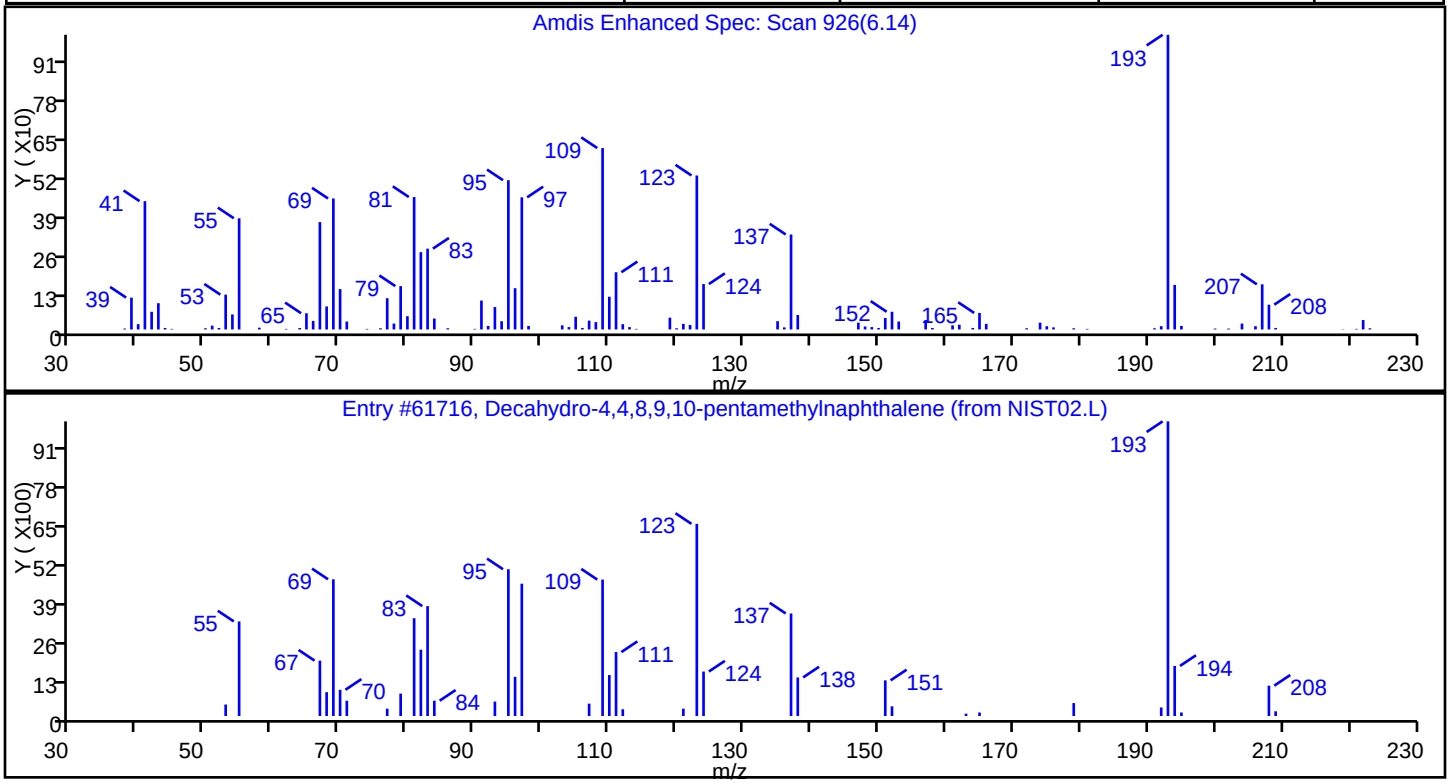
Injection Date:	20-Sep-2013 09:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-13SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	19
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	93



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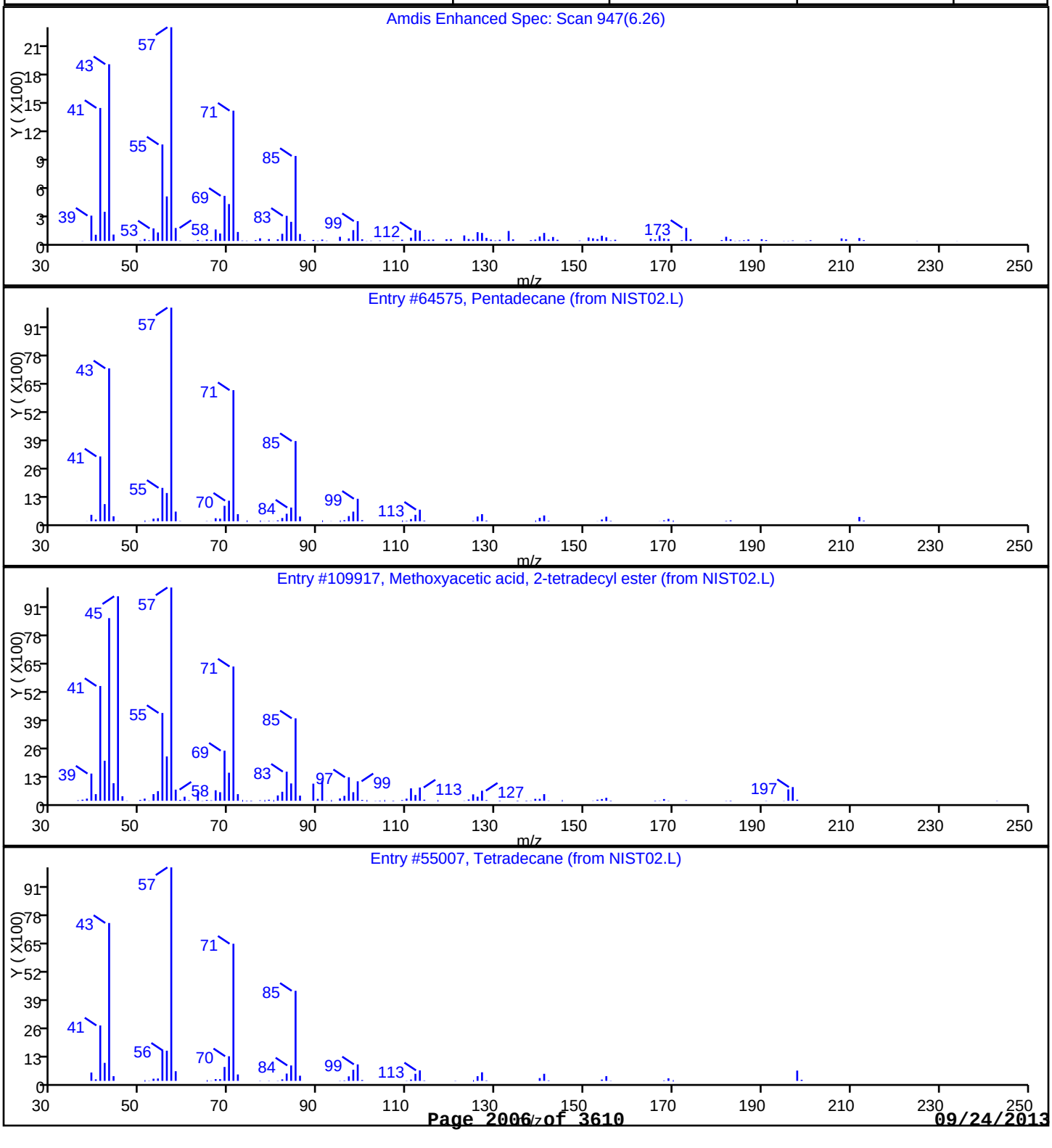
Injection Date:	20-Sep-2013 09:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-13SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	19
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane	629-62-9	NIST02.L	64575	91
Methoxyacetic acid, 2-tetradecyl ester	1000282-04-8	NIST02.L	109917	86
Tetradecane	629-59-4	NIST02.L	55007	86



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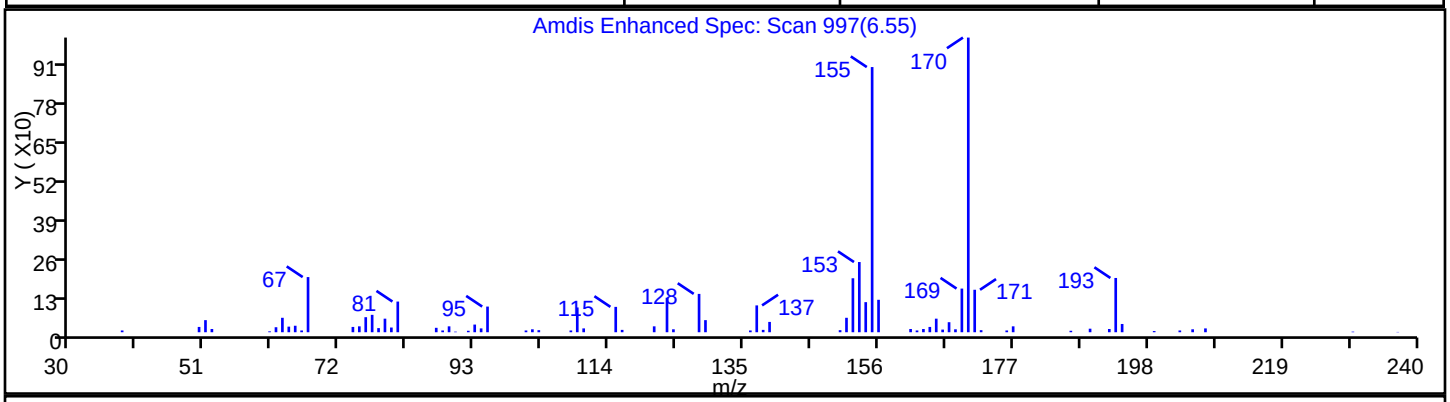
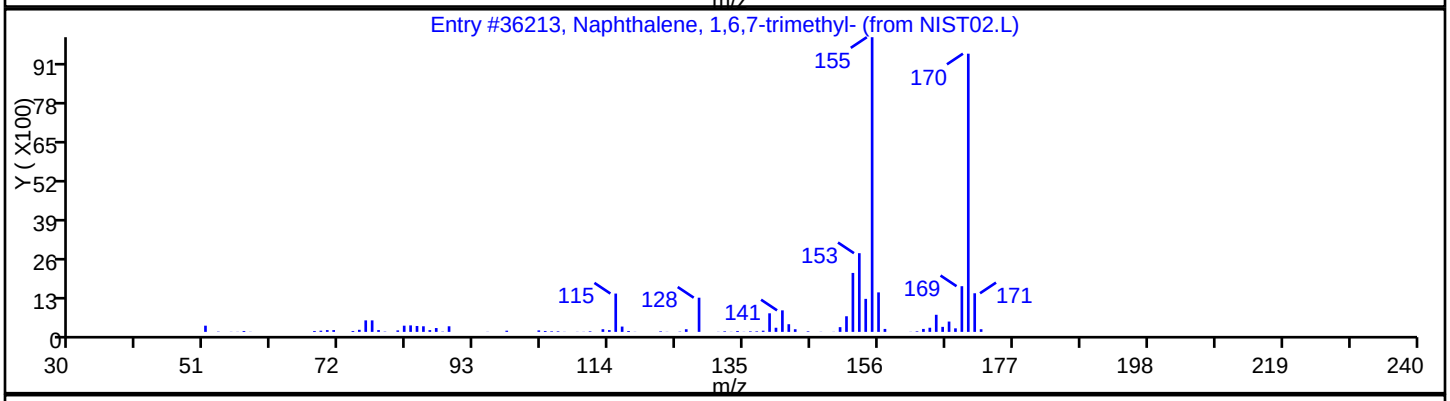
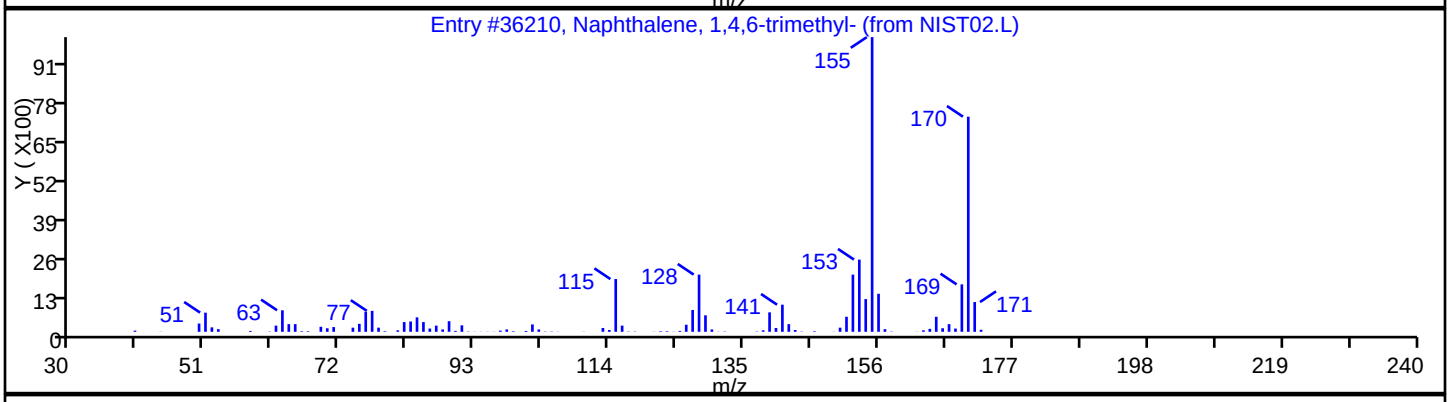
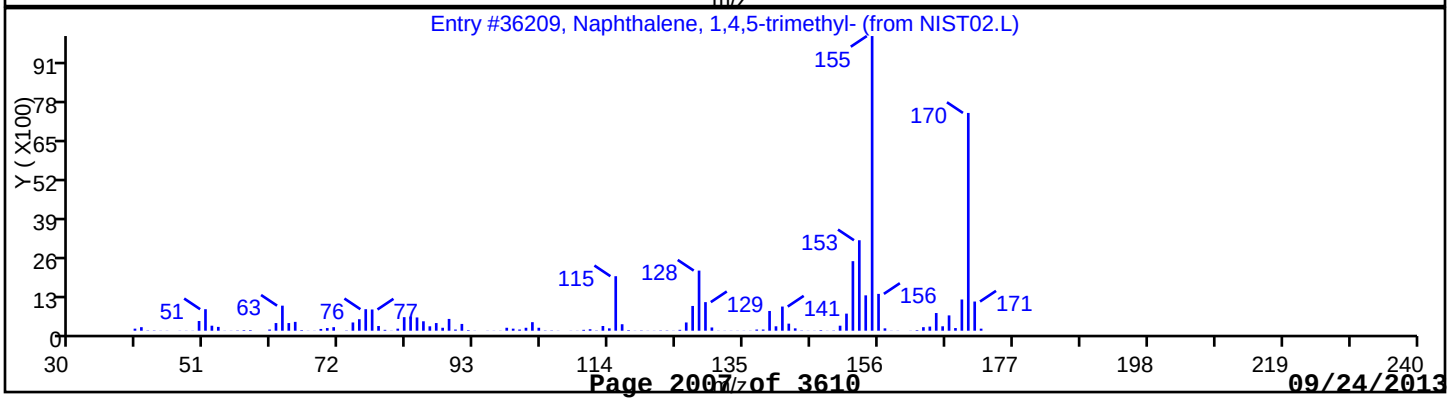
Injection Date:	20-Sep-2013 09:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-13SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	19
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36213	94
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.L	36210	91
Naphthalene, 1,4,5-trimethyl-	2131-41-1	NIST02.L	36209	91









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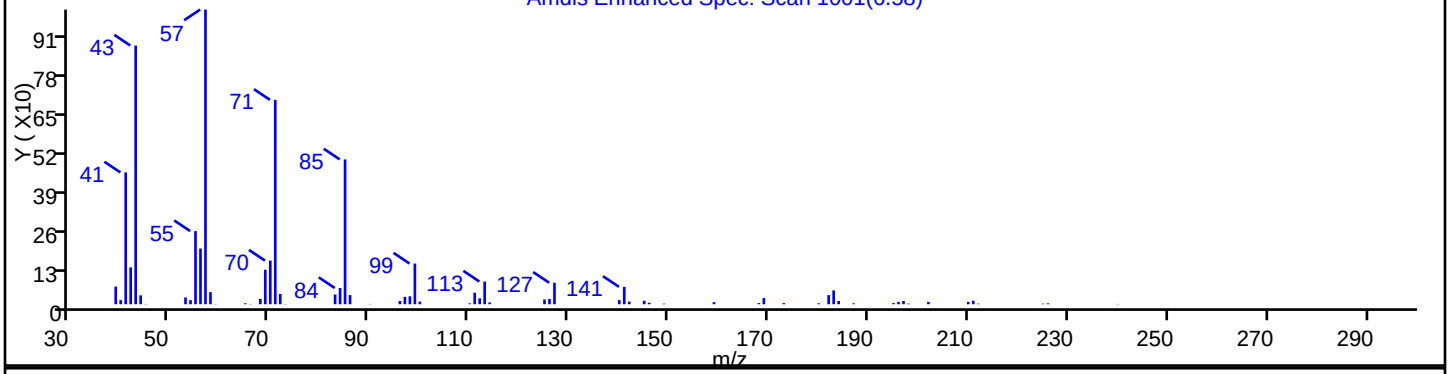
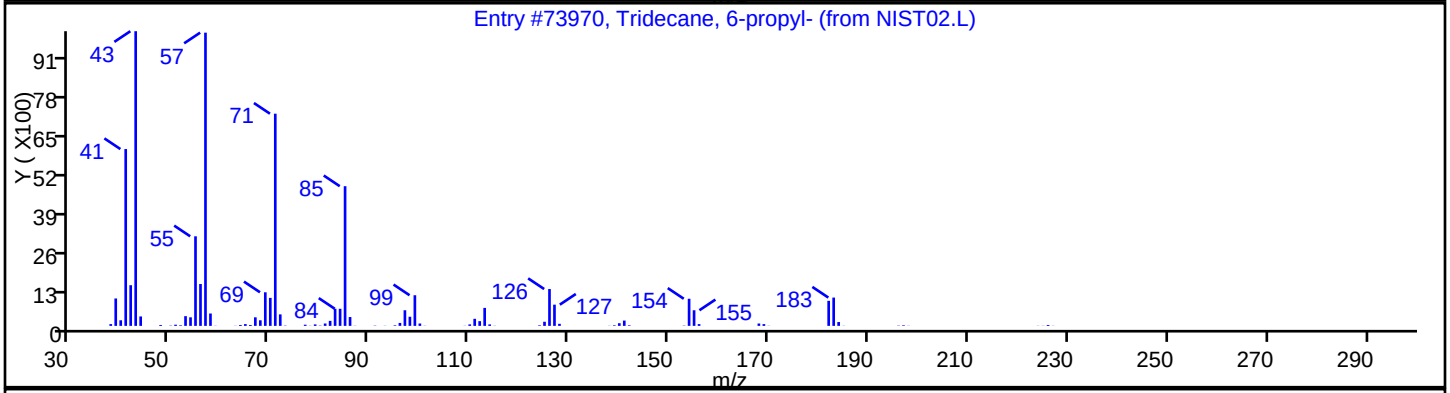
Injection Date:	20-Sep-2013 09:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-13SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	19
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tridecane, 6-propyl-	55045-10-8	NIST02.L	73970	93
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	91
Tridecane, 7-propyl-	55045-09-5	NIST02.L	73969	90

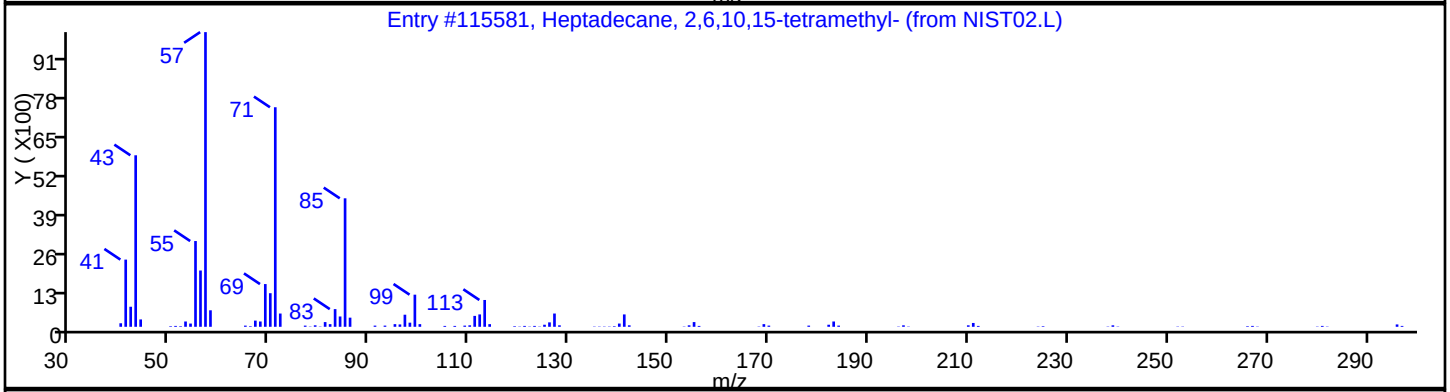
Amdis Enhanced Spec: Scan 1001(6.58)



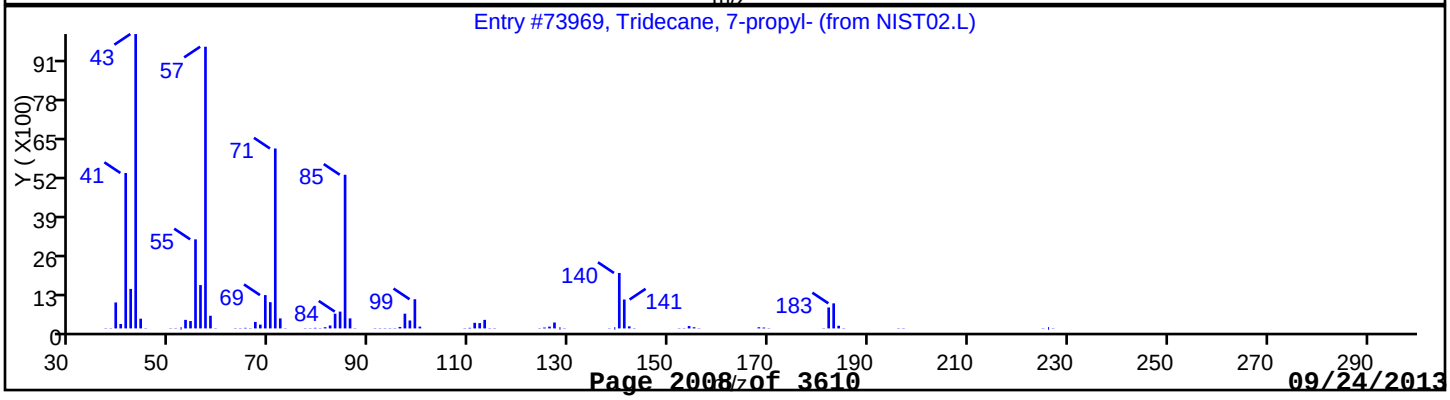
Entry #73970, Tridecane, 6-propyl- (from NIST02.L)



Entry #115581, Heptadecane, 2,6,10,15-tetramethyl- (from NIST02.L)



Entry #73969, Tridecane, 7-propyl- (from NIST02.L)



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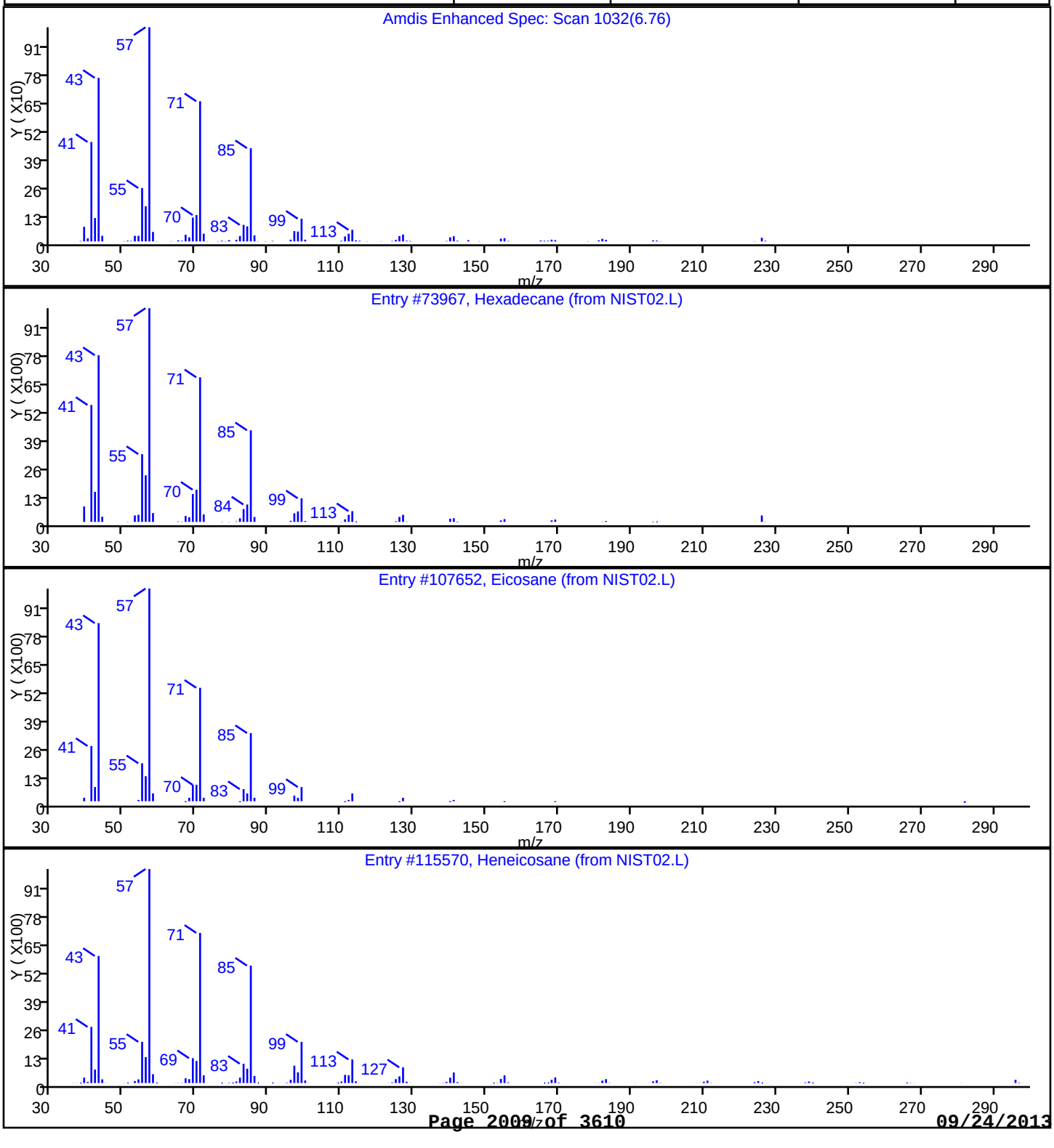
Injection Date:	20-Sep-2013 09:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-13SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	19
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane	544-76-3	NIST02.L	73967	97
Eicosane	112-95-8	NIST02.L	107652	91
Heneicosane	629-94-7	NIST02.L	115570	90



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TestAmerica Edison

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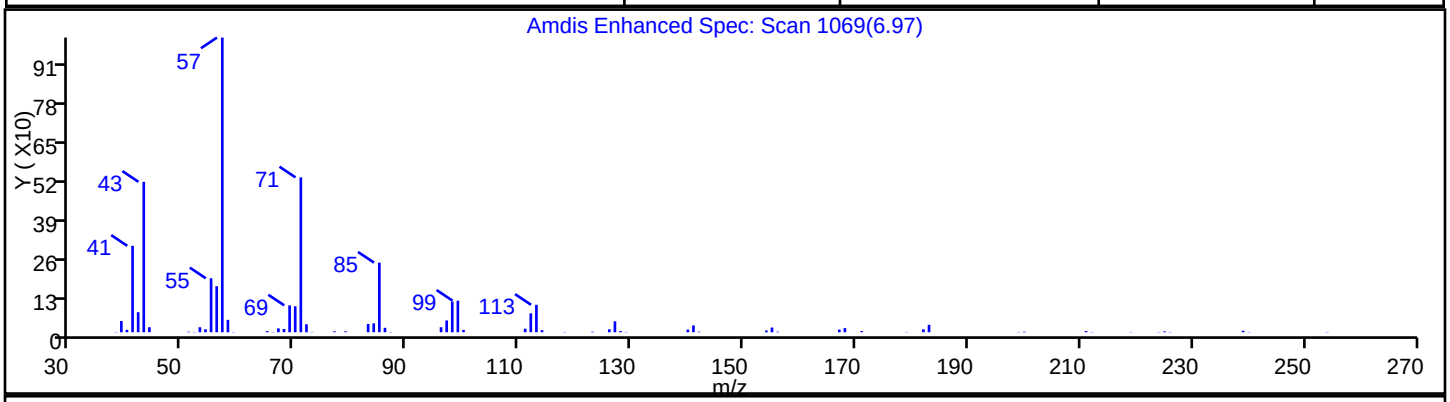
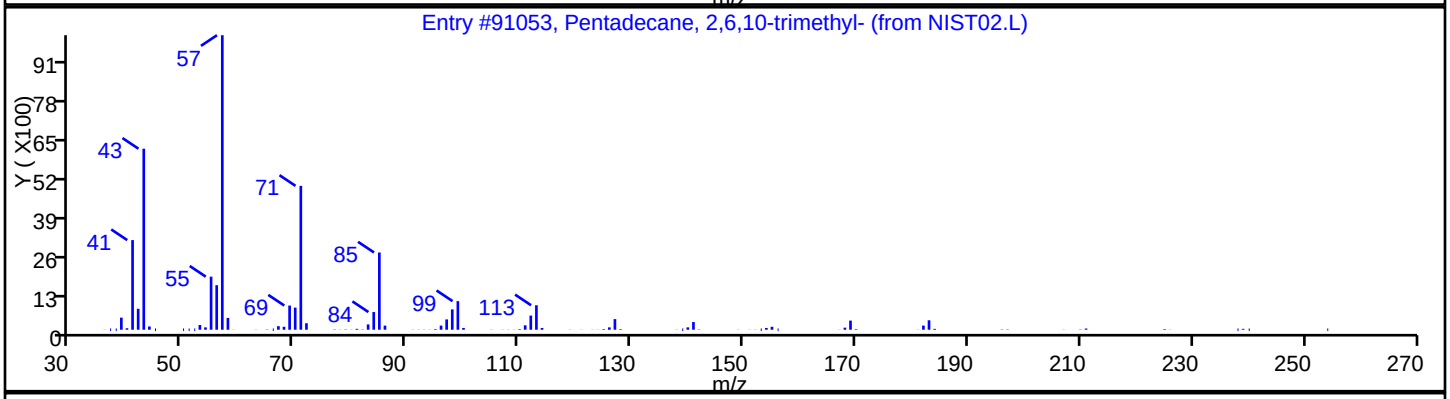
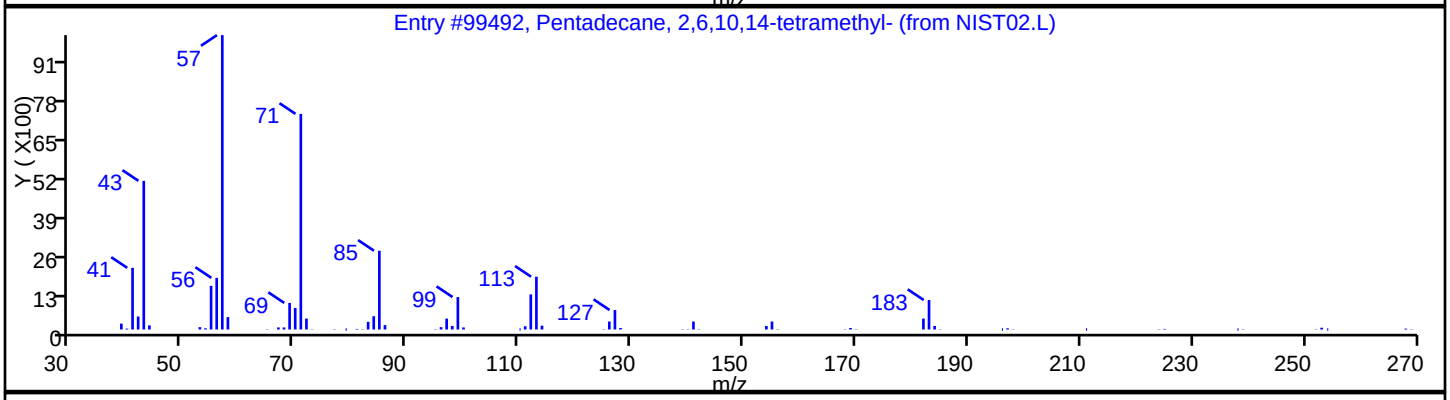
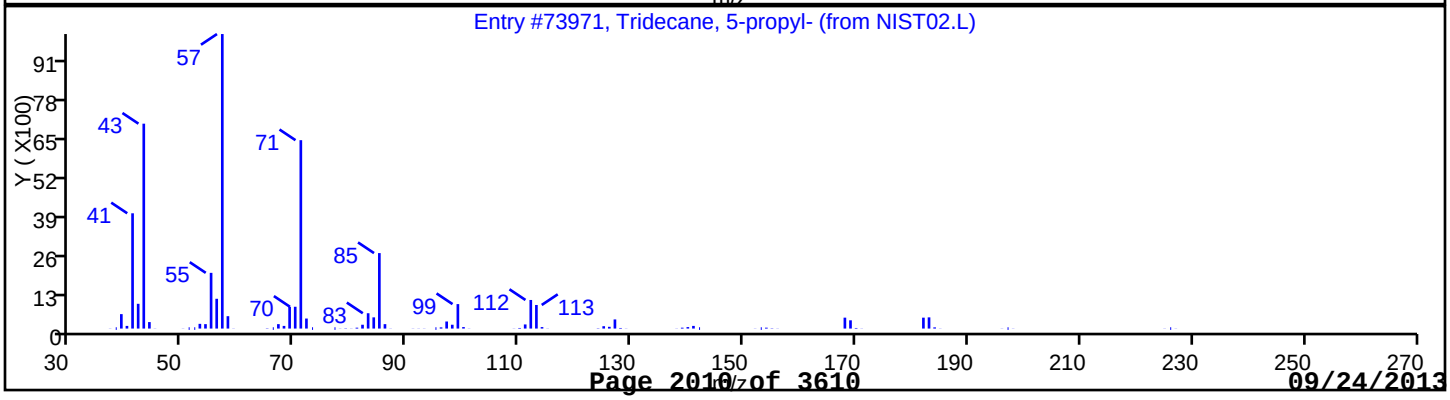
Injection Date:	20-Sep-2013 09:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-13SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	19
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	93
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99492	86
Tridecane, 5-propyl-	55045-11-9	NIST02.L	73971	81









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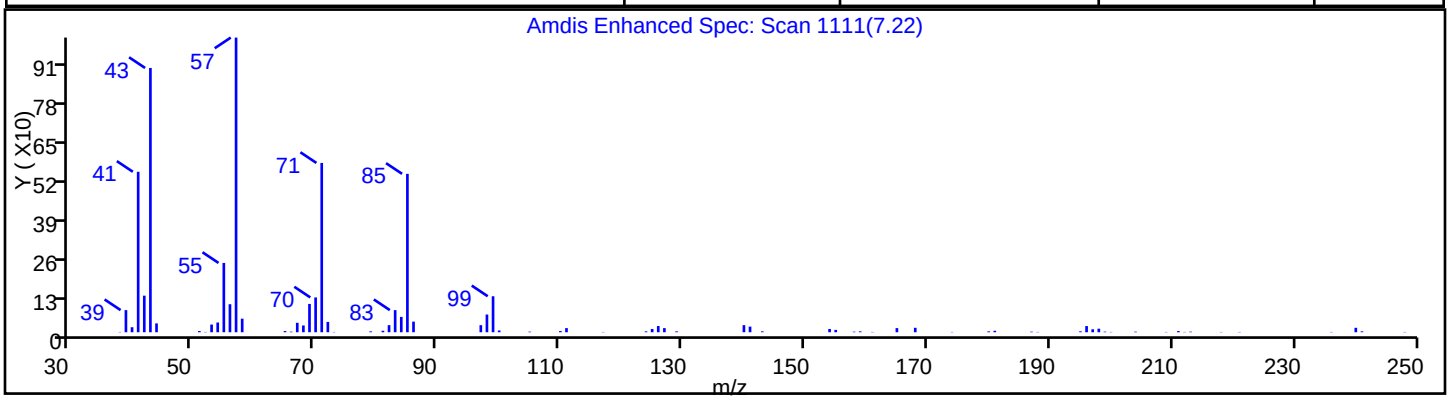
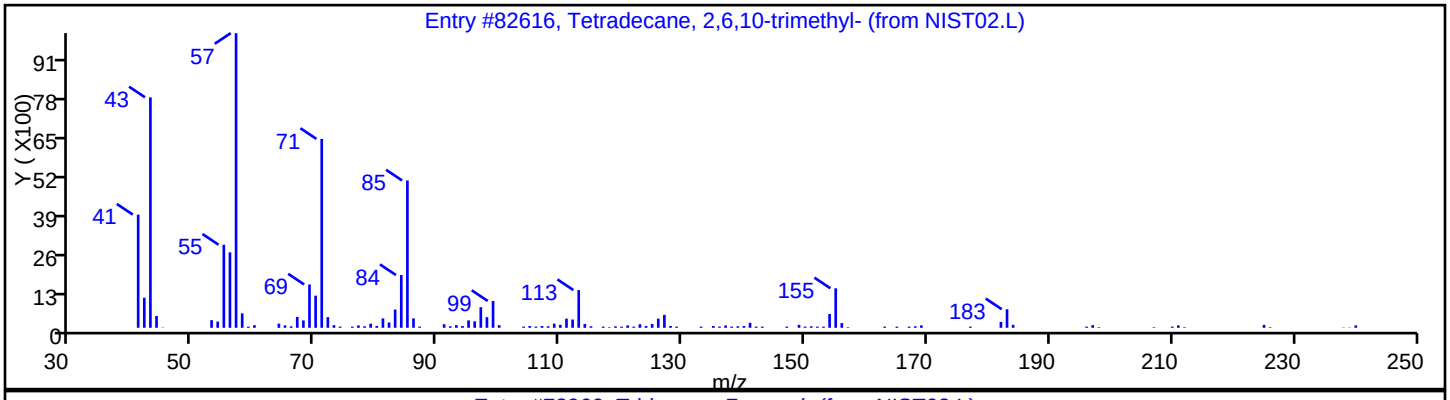
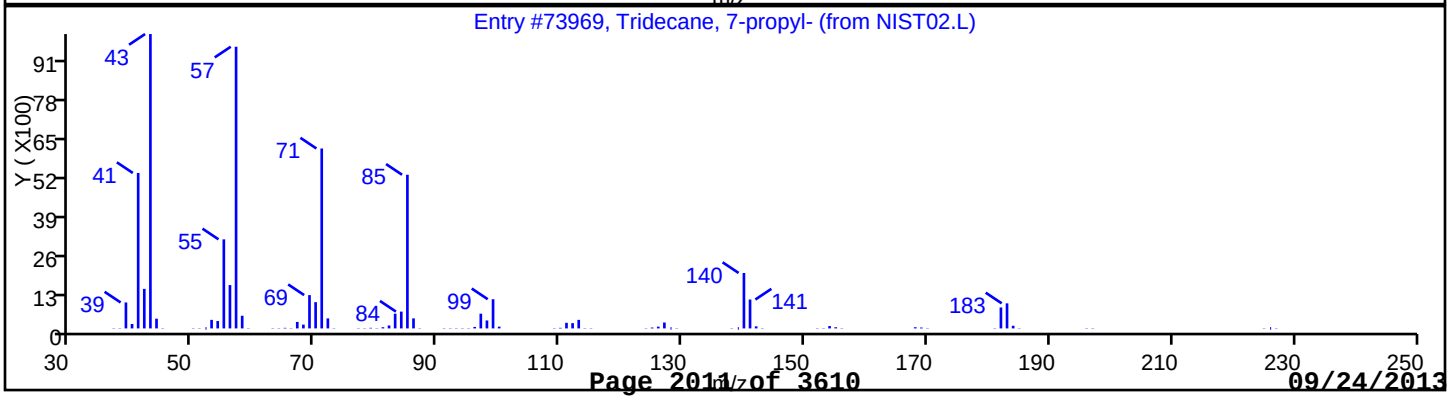
Injection Date:	20-Sep-2013 09:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-13SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	19
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown alkane		NIST02.L	0	0
Tetradecane, 2,6,10-trimethyl-	14905-56-7	NIST02.L	82616	80
Tridecane, 7-propyl-	55045-09-5	NIST02.L	73969	78







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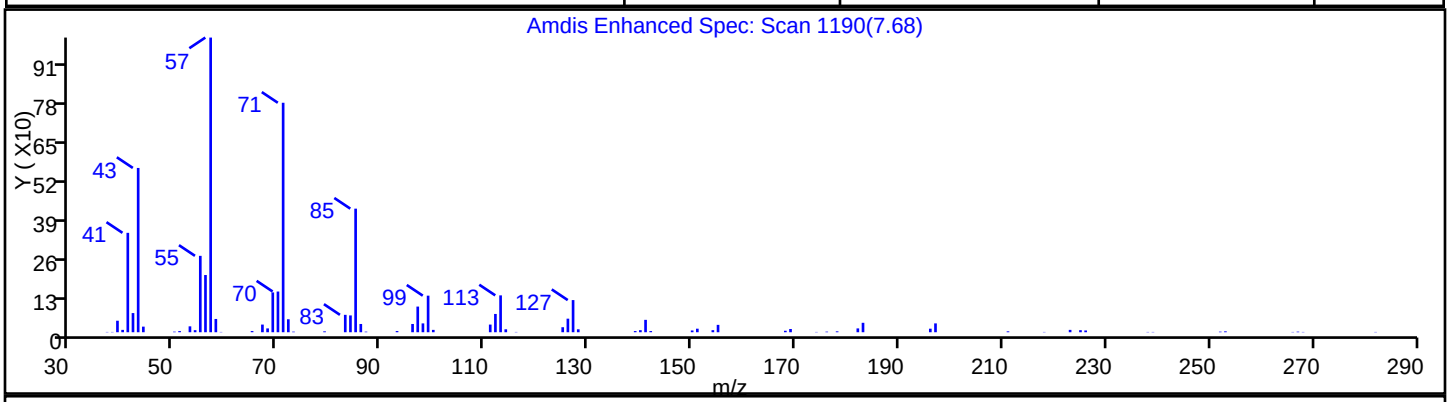
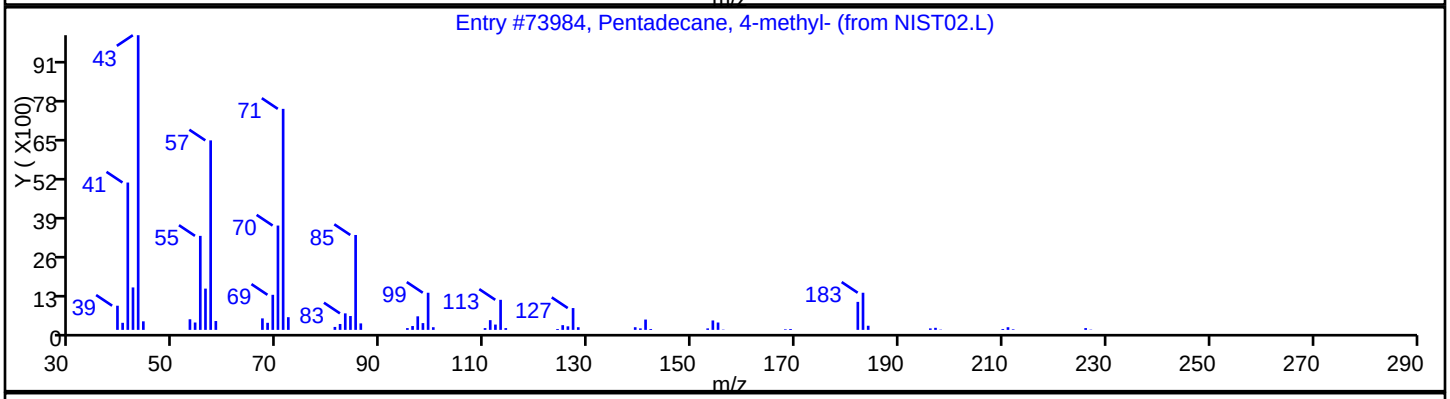
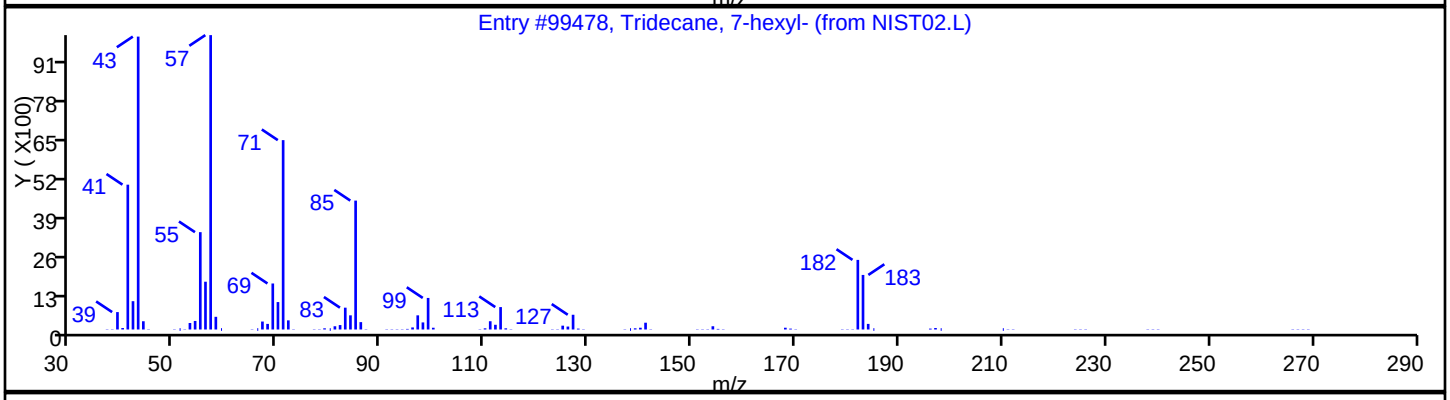
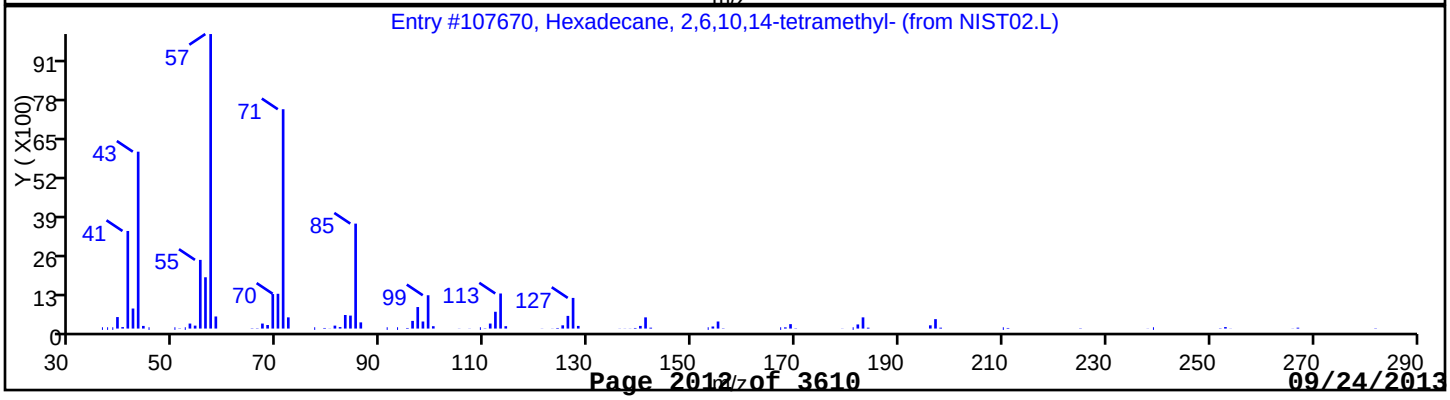
Injection Date:	20-Sep-2013 09:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-13SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	19
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane, 4-methyl-	2801-87-8	NIST02.L	73984	93
Tridecane, 7-hexyl-	7225-66-3	NIST02.L	99478	93
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	91









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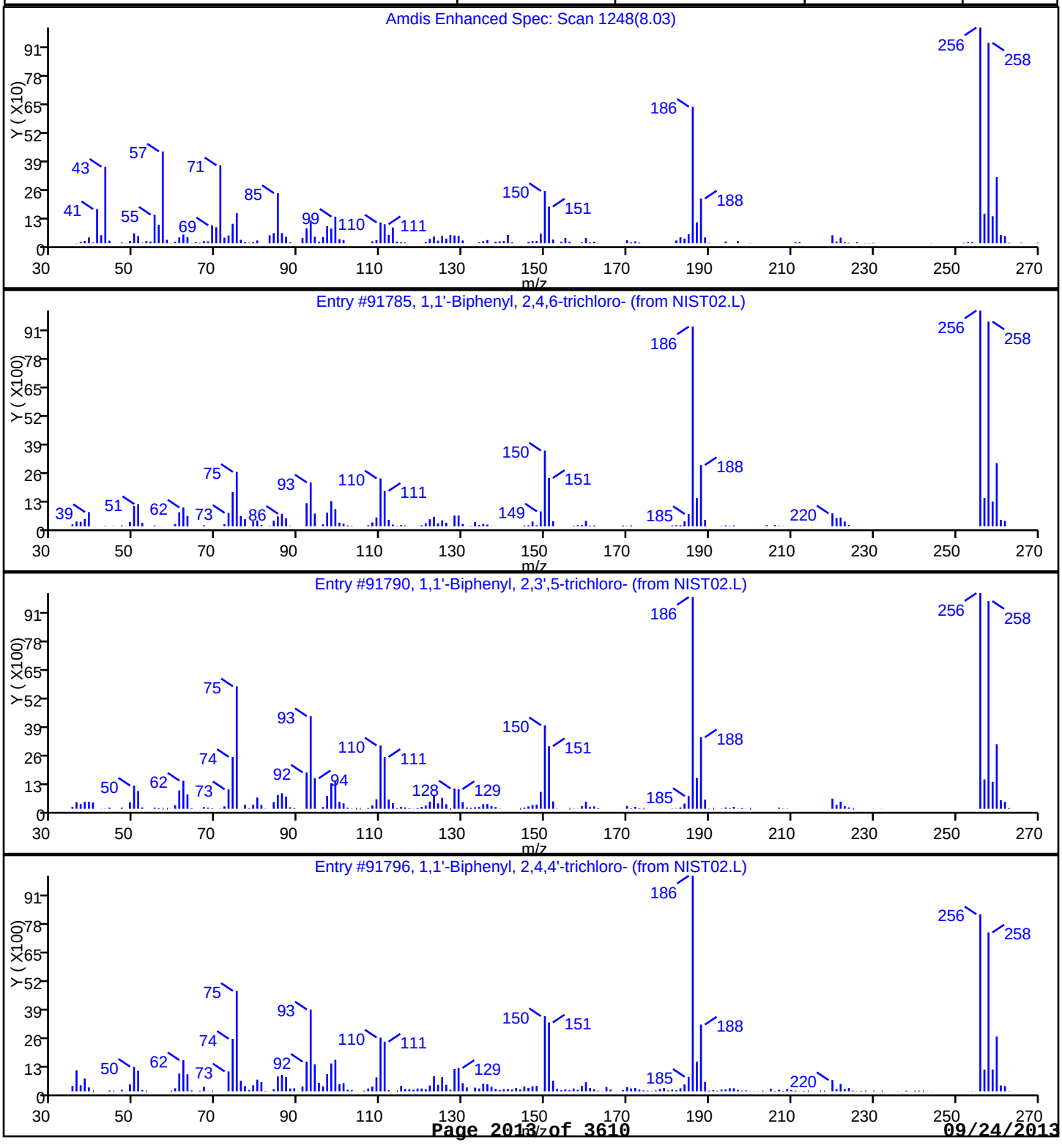
Client ID:	PMP-13SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	19
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.L	91785	99
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.L	91790	99
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91796	99



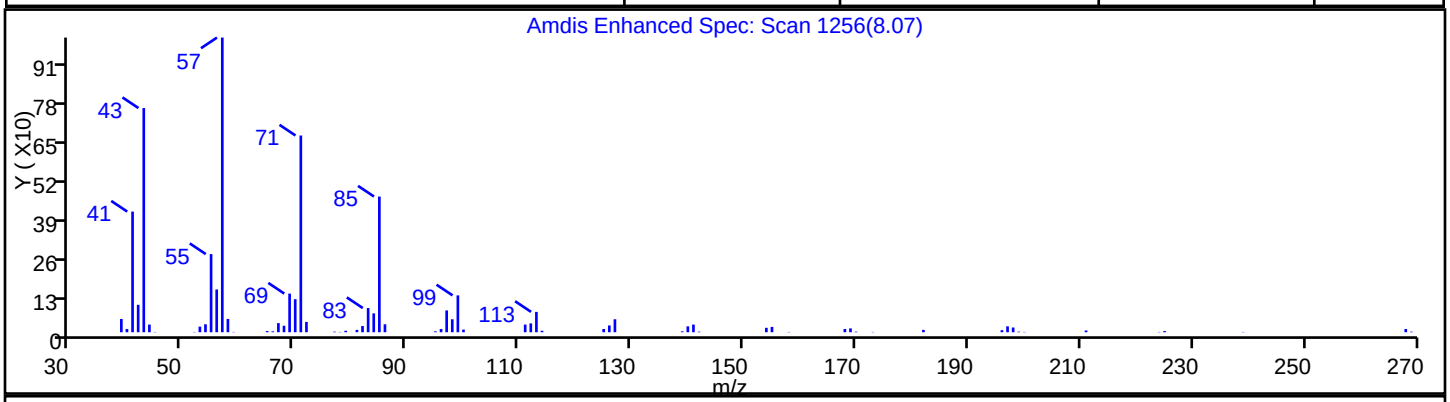
Report Date: 20-Sep-2013 15:52:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

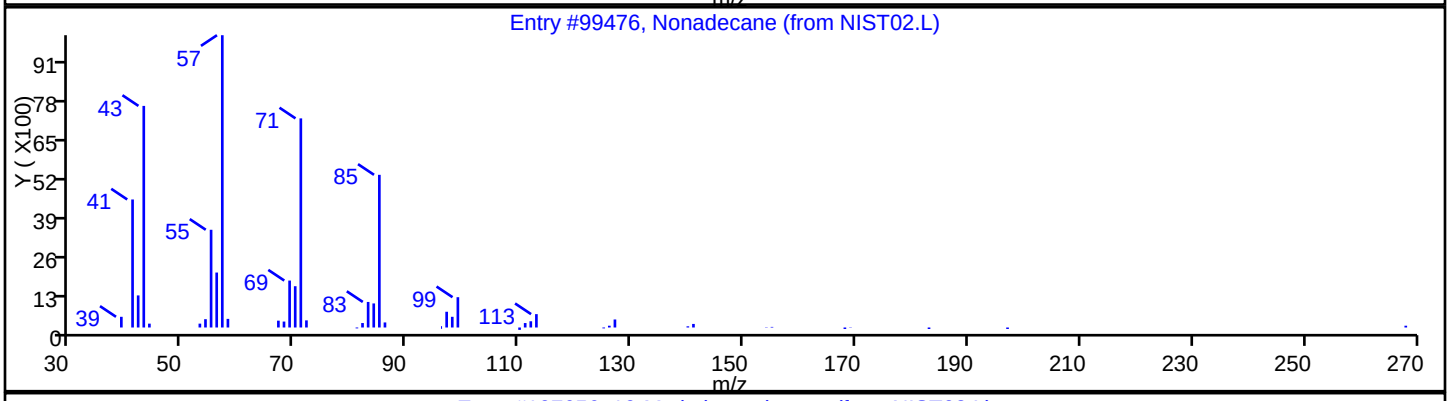
TestAmerica Edison

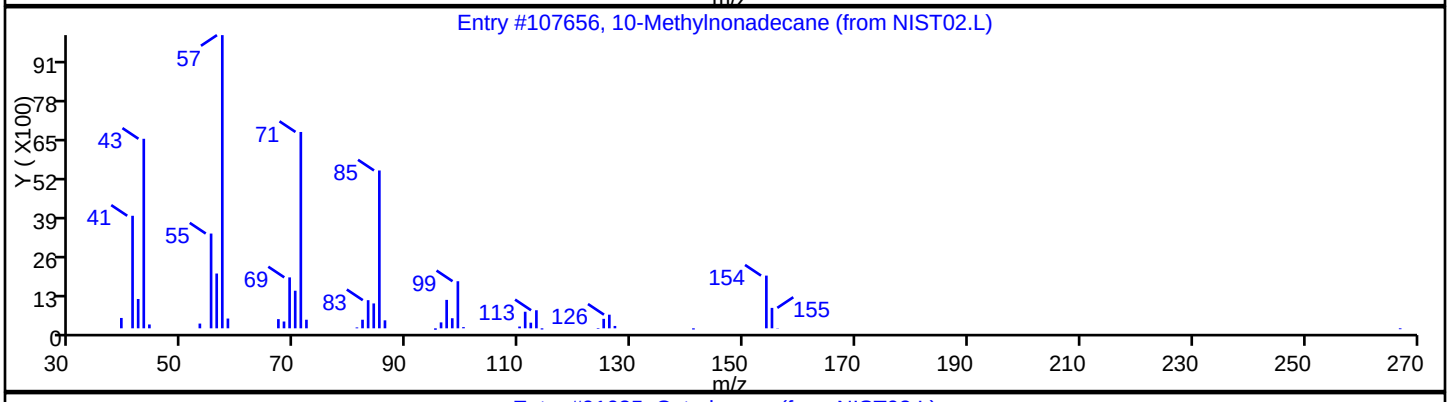
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112736.D

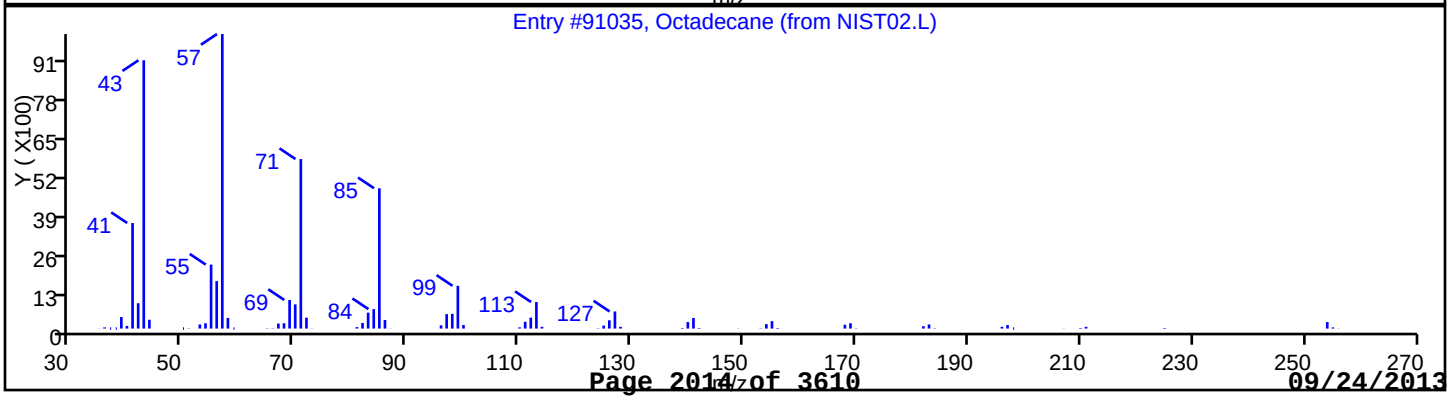
Injection Date:	20-Sep-2013 09:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-13SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	19
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Nonadecane	629-92-5	NIST02.L	99476	97
10-Methylnonadecane	56862-62-5	NIST02.L	107656	91
Octadecane	593-45-3	NIST02.L	91035	91









Report Date: 20-Sep-2013 15:52:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112736.D

Injection Date: 20-Sep-2013 09:20:30 Limit Group: SV 8270 ICAL

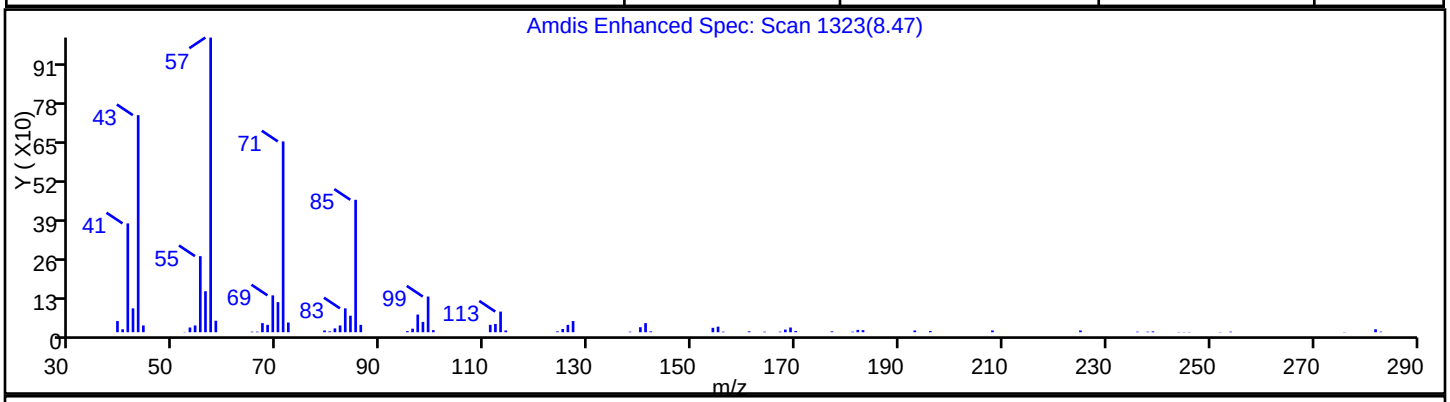
Client ID: PMP-13SE-WT Instrument ID: CBNAMS12

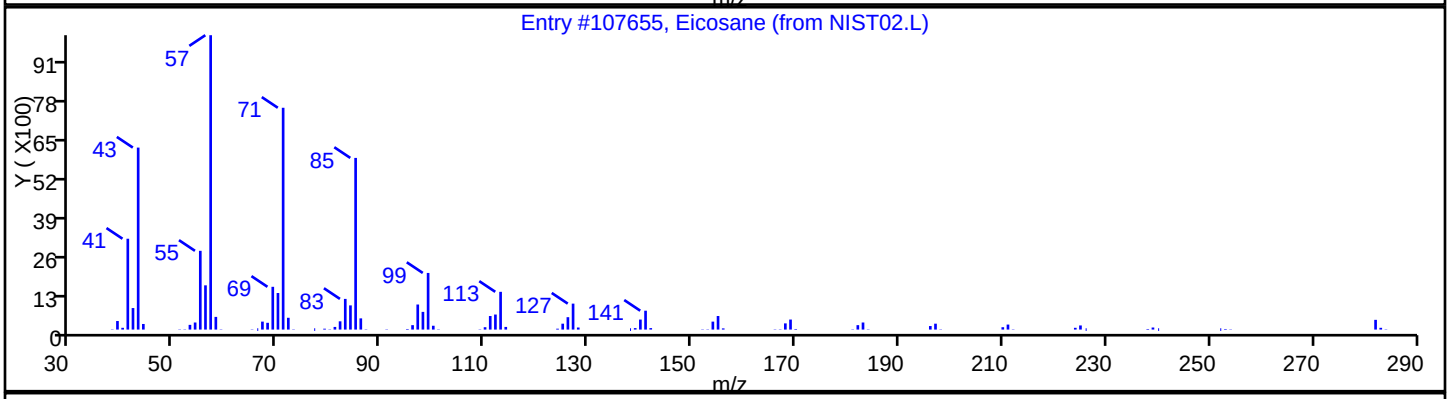
Lims Batch ID: 182283 Lims Sample ID: 19

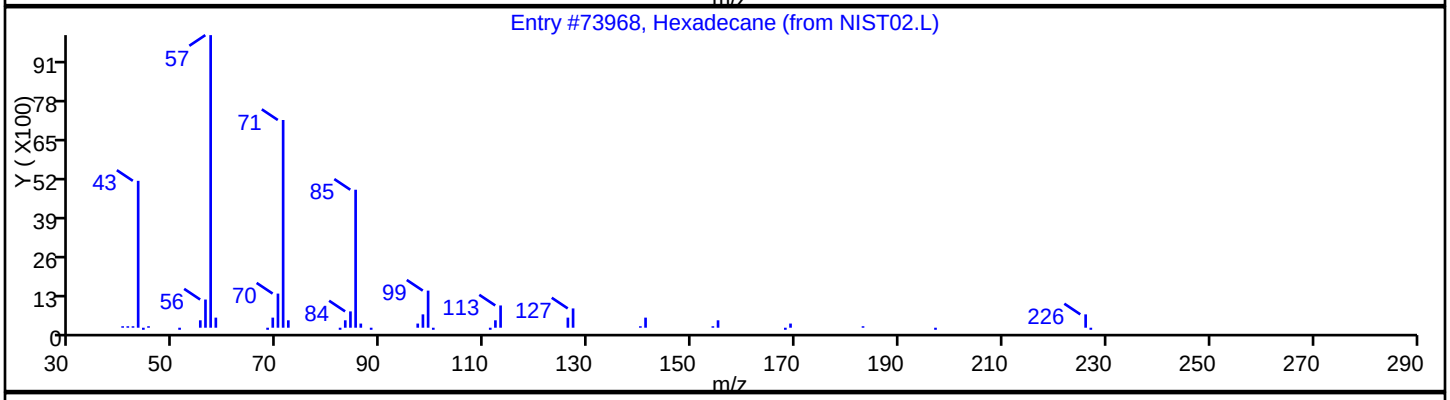
Operator ID: BNA 12 Injection Vol: 1.0 ul

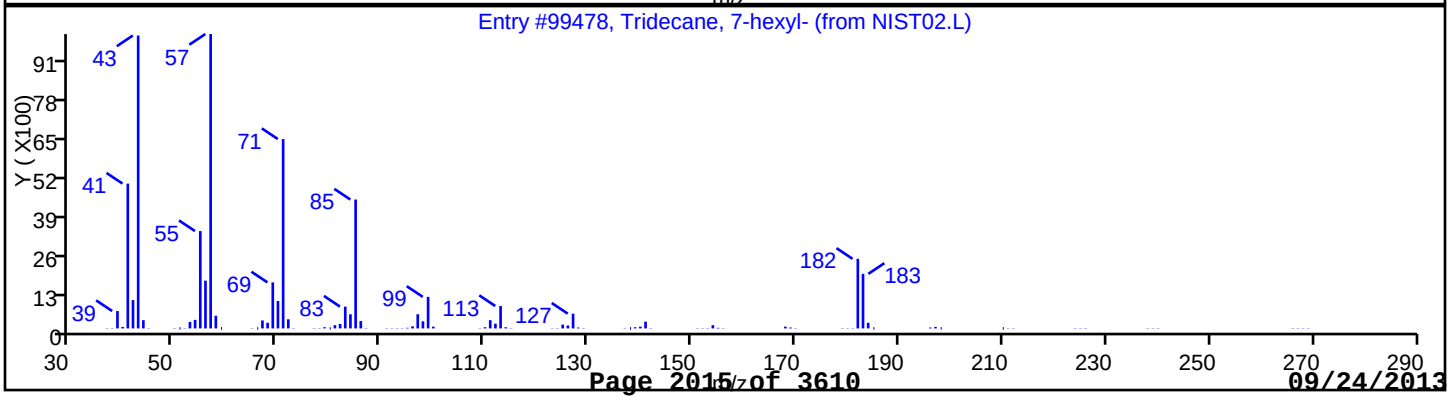
Column Type: Column Dia:

Library Search Compound Match	CAS Number	Library	Entry	Quality
Eicosane	112-95-8	NIST02.L	107655	97
Hexadecane	544-76-3	NIST02.L	73968	91
Tridecane, 7-hexyl-	7225-66-3	NIST02.L	99478	91









FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SI | Lab Sample ID: 460-62993-28

Matrix: Solid | Lab File ID: 112710.D

Analysis Method: 8270C | Date Collected: 09/13/2013 11:20

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 20:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	50	U	370	50
95-57-8	2-Chlorophenol	49	U	370	49
95-48-7	2-Methylphenol	64	U	370	64
106-44-5	4-Methylphenol	74	U	370	74
100-52-7	Benzaldehyde	44	U	370	44
98-86-2	Acetophenone	57	U	370	57
111-44-4	Bis(2-chloroethyl)ether	5.1	U	37	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	41	U	370	41
621-64-7	N-Nitrosodi-n-propylamine	6.2	U	37	6.2
98-95-3	Nitrobenzene	5.3	U	37	5.3
67-72-1	Hexachloroethane	4.2	U	37	4.2
78-59-1	Isophorone	45	U	370	45
88-75-5	2-Nitrophenol	42	U	370	42
105-67-9	2,4-Dimethylphenol	92	U	370	92
120-83-2	2,4-Dichlorophenol	55	U	370	55
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
91-20-3	Naphthalene	43	U	370	43
106-47-8	4-Chloroaniline	99	U	370	99
87-68-3	Hexachlorobutadiene	9.1	U	76	9.1
105-60-2	Caprolactam	86	U	370	86
59-50-7	4-Chloro-3-methylphenol	56	U	370	56
91-57-6	2-Methylnaphthalene	48	U	370	48
118-74-1	Hexachlorobenzene	5.1	U	37	5.1
77-47-4	Hexachlorocyclopentadiene	44	U	370	44
88-06-2	2,4,6-Trichlorophenol	44	U	370	44
95-95-4	2,4,5-Trichlorophenol	48	U	370	48
92-52-4	Diphenyl	50	U	370	50
91-58-7	2-Chloronaphthalene	42	U	370	42
88-74-4	2-Nitroaniline	160	U	760	160
606-20-2	2,6-Dinitrotoluene	11	U	76	11
131-11-3	Dimethyl phthalate	44	U	370	44
208-96-8	Acenaphthylene	44	U	370	44
99-09-2	3-Nitroaniline	130	U	760	130
83-32-9	Acenaphthene	54	U	370	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SI | Lab Sample ID: 460-62993-28

Matrix: Solid | Lab File ID: 112710.D

Analysis Method: 8270C | Date Collected: 09/13/2013 11:20

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 20:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	44	U	370	44
84-66-2	Diethyl phthalate	45	U	370	45
86-73-7	Fluorene	48	U	370	48
206-44-0	Fluoranthene	50	U	370	50
84-74-2	Di-n-butyl phthalate	46	U	370	46
121-14-2	2,4-Dinitrotoluene	12	U	76	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	370	44
100-01-6	4-Nitroaniline	120	U	760	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
1912-24-9	Atrazine	58	U	370	58
120-12-7	Anthracene	45	U	370	45
86-74-8	Carbazole	44	U	370	44
85-01-8	Phenanthrene	48	U	370	48
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	31	U	370	31
218-01-9	Chrysene	44	U	370	44
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
191-24-2	Benzo[g,h,i]perylene	28	U	370	28
205-99-2	Benzo[b]fluoranthene	2.4	U	37	2.4
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
86-30-6	N-Nitrosodiphenylamine	37	U	370	37
85-68-7	Butyl benzyl phthalate	34	U	370	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
117-84-0	Di-n-octyl phthalate	24	U	370	24
193-39-5	Indeno[1,2,3-cd]pyrene	6.9	U	37	6.9
53-70-3	Dibenz(a,h)anthracene	4.7	U	37	4.7
91-94-1	3,3'-Dichlorobenzidine	130	U	760	130
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	370	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SI | Lab Sample ID: 460-62993-28

Matrix: Solid | Lab File ID: 112710.D

Analysis Method: 8270C | Date Collected: 09/13/2013 11:20

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 20:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	84		38-105
4165-62-2	Phenol-d5	88		41-118
1718-51-0	Terphenyl-d14	93		16-151
118-79-6	2,4,6-Tribromophenol	78		10-120
367-12-4	2-Fluorophenol	95		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SI Lab Sample ID: 460-62993-28

Matrix: Solid Lab File ID: 112710.D

Analysis Method: 8270C Date Collected: 09/13/2013 11:20

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 20:17

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 Units: ug/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112710.D		
Lims ID:	460-62993-E-28-B	Client ID:	PMP-13SE-SI
Inject. Date:	19-Sep-2013 20:17:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004813-018		
Misc. Info.:	460-62993-E-28-B		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	18
Lims Batch ID:	182161	Lims Sample ID:	18
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m		
Last Update:	20-Sep-2013 11:43:38	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: ranav		Date:	20-Sep-2013 10:29:57

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	1.946	1.934	0.012	95	1223652	95.2	
$ 6 Phenol-d5	99	2.822	2.828	-0.006	98	1530545	87.8	
* 13 1,4-Dichlorobenzene-d4	152	3.140	3.140	0.0	96	517276	40.0	
$ 25 Nitrobenzene-d5	82	3.734	3.740	-0.006	89	688370	42.0	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	1947197	40.0	
$ 48 2-Fluorobiphenyl	172	5.581	5.581	0.0	97	1575200	43.4	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	93	1075444	40.0	
$ 76 2,4,6-Tribromophenol	330	6.992	6.992	0.0	92	525190	77.8	
* 83 Phenanthrene-d10	188	7.657	7.657	0.0	99	1675655	40.0	
87 Di-n-butyl phthalate	149	8.304	8.298	0.006	90	9983	0.1839	
$ 91 Terphenyl-d14	244	9.233	9.227	0.006	100	1591843	46.3	
* 96 Chrysene-d12	240	10.221	10.221	0.0	99	1452287	40.0	
98 Bis(2-ethylhexyl) phthalate	149	10.327	10.333	-0.006	54	3148	0.1078	
* 103 Perylene-d12	264	11.804	11.804	0.0	98	1324203	40.0	

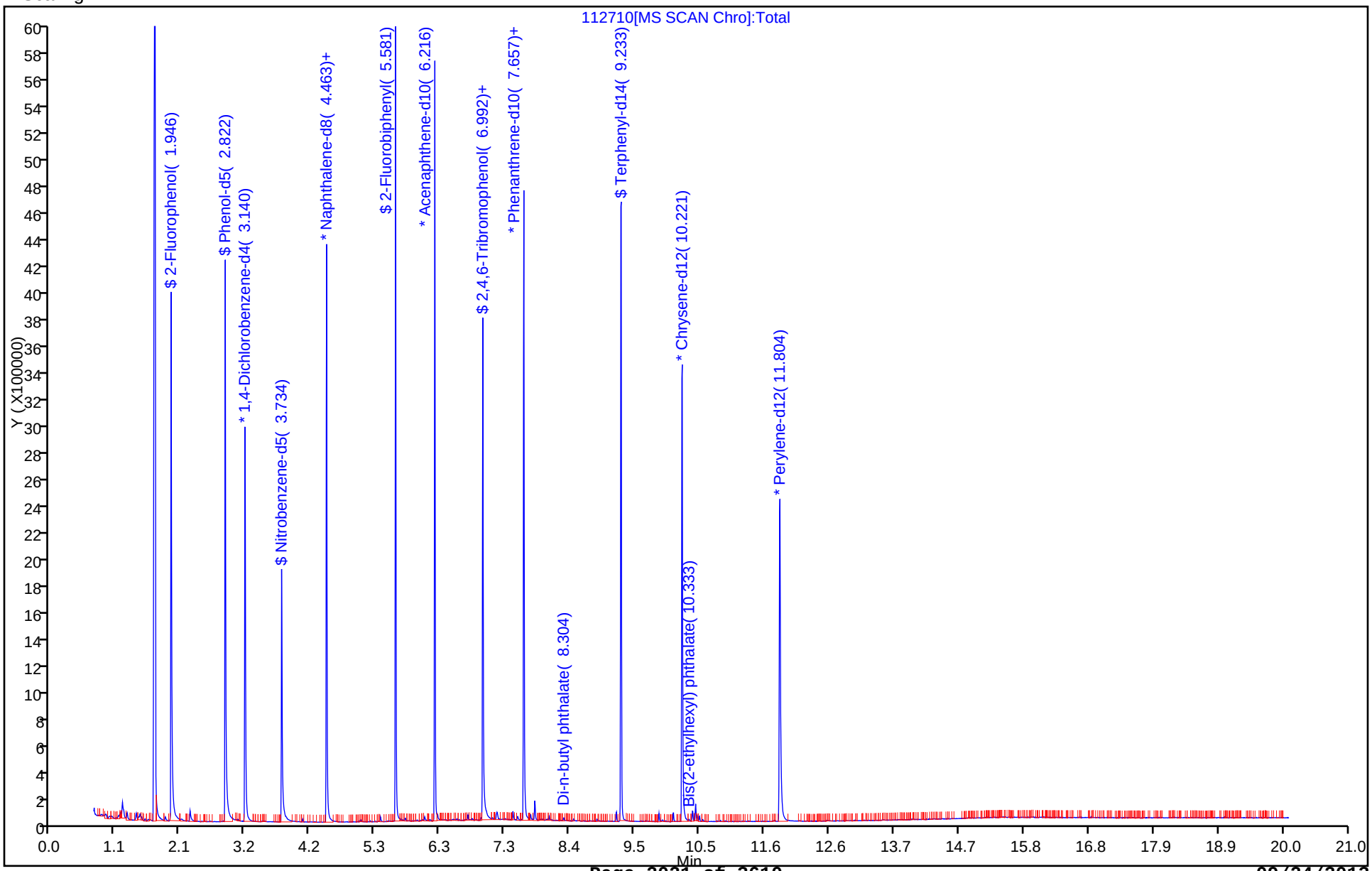
Report Date: 20-Sep-2013 11:43:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112710.D

Injection Date:	19-Sep-2013 20:17:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-13SE-SI	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	18
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SD | Lab Sample ID: 460-62993-29

Matrix: Solid | Lab File ID: 112711.D

Analysis Method: 8270C | Date Collected: 09/13/2013 11:25

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 20:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	51	U	380	51
95-57-8	2-Chlorophenol	50	U	380	50
95-48-7	2-Methylphenol	65	U	380	65
106-44-5	4-Methylphenol	75	U	380	75
100-52-7	Benzaldehyde	45	U	380	45
98-86-2	Acetophenone	59	U	380	59
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	380	42
621-64-7	N-Nitrosodi-n-propylamine	6.4	U	38	6.4
98-95-3	Nitrobenzene	5.4	U	38	5.4
67-72-1	Hexachloroethane	4.3	U	38	4.3
78-59-1	Isophorone	46	U	380	46
88-75-5	2-Nitrophenol	43	U	380	43
105-67-9	2,4-Dimethylphenol	95	U	380	95
120-83-2	2,4-Dichlorophenol	56	U	380	56
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
91-20-3	Naphthalene	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.3	U	78	9.3
105-60-2	Caprolactam	88	U	380	88
59-50-7	4-Chloro-3-methylphenol	58	U	380	58
91-57-6	2-Methylnaphthalene	49	U	380	49
118-74-1	Hexachlorobenzene	5.2	U	38	5.2
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
88-06-2	2,4,6-Trichlorophenol	45	U	380	45
95-95-4	2,4,5-Trichlorophenol	49	U	380	49
92-52-4	Diphenyl	51	U	380	51
91-58-7	2-Chloronaphthalene	43	U	380	43
88-74-4	2-Nitroaniline	160	U	780	160
606-20-2	2,6-Dinitrotoluene	12	U	78	12
131-11-3	Dimethyl phthalate	45	U	380	45
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	140	U	780	140
83-32-9	Acenaphthene	56	U	380	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SD | Lab Sample ID: 460-62993-29

Matrix: Solid | Lab File ID: 112711.D

Analysis Method: 8270C | Date Collected: 09/13/2013 11:25

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 20:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	45	U	380	45
84-66-2	Diethyl phthalate	46	U	380	46
86-73-7	Fluorene	49	U	380	49
206-44-0	Fluoranthene	51	U	380	51
84-74-2	Di-n-butyl phthalate	47	U	380	47
121-14-2	2,4-Dinitrotoluene	13	U	78	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	380	45
100-01-6	4-Nitroaniline	120	U	780	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1200	100
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
1912-24-9	Atrazine	59	U	380	59
120-12-7	Anthracene	47	U	380	47
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	49	U	380	49
87-86-5	Pentachlorophenol	110	U	1200	110
129-00-0	Pyrene	32	U	380	32
218-01-9	Chrysene	45	U	380	45
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.7	U	38	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	380	38
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	24	U	380	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.1	U	38	7.1
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
91-94-1	3,3'-Dichlorobenzidine	130	U	780	130
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	380	52
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	380	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SD Lab Sample ID: 460-62993-29

Matrix: Solid Lab File ID: 112711.D

Analysis Method: 8270C Date Collected: 09/13/2013 11:25

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.03(g) Date Analyzed: 09/19/2013 20:46

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	64		38-105
4165-62-2	Phenol-d5	80		41-118
1718-51-0	Terphenyl-d14	89		16-151
118-79-6	2,4,6-Tribromophenol	78		10-120
367-12-4	2-Fluorophenol	82		37-125
321-60-8	2-Fluorobiphenyl	80		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SD | Lab Sample ID: 460-62993-29

Matrix: Solid | Lab File ID: 112711.D

Analysis Method: 8270C | Date Collected: 09/13/2013 11:25

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 20:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

Number TICs Found: 4 | TIC Result Total: 1420

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown alkane	11.70	330	J
295-48-7	Cyclopentadecane	11.74	370	J N
	Unknown alkane	12.57	320	J
	Unknown	12.62	400	J

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112711.D		
Lims ID:	460-62993-F-29-B	Client ID:	PMP-13SE-SD
Inject. Date:	19-Sep-2013 20:46:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004813-019		
Misc. Info.:	460-62993-F-29-B		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	182161	Lims Sample ID:	19
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m		
Last Update:	20-Sep-2013 11:43:38	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: ranav		Date:	20-Sep-2013 10:31:19

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	1.946	1.934	0.012	95	1110883	82.1	
$ 6 Phenol-d5	99	2.822	2.828	-0.006	99	1476389	80.5	
* 13 1,4-Dichlorobenzene-d4	152	3.140	3.140	0.0	96	544247	40.0	
$ 25 Nitrobenzene-d5	82	3.734	3.740	-0.006	89	545657	32.1	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	2017300	40.0	
41 2-Methylnaphthalene	142	5.234	5.192	0.042	58	3743	0.1145	
$ 48 2-Fluorobiphenyl	172	5.581	5.581	0.0	97	1439934	39.9	
49 1,1'-Biphenyl	154	5.692	5.669	0.023	70	5446	0.1389	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	94	1068188	40.0	
$ 76 2,4,6-Tribromophenol	330	6.992	6.992	0.0	92	525877	78.4	
* 83 Phenanthrene-d10	188	7.657	7.657	0.0	99	1656496	40.0	
$ 91 Terphenyl-d14	244	9.233	9.227	0.006	99	1437149	44.6	
* 96 Chrysene-d12	240	10.221	10.221	0.0	99	1359367	40.0	
98 Bis(2-ethylhexyl) phthalate	149	10.333	10.333	0.0	67	3710	0.1358	
* 103 Perylene-d12	264	11.804	11.804	0.0	98	1309340	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112711.D		
Lims ID:	460-62993-F-29-B	Client ID:	PMP-13SE-SD
Inject. Date:	19-Sep-2013 20:46:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004813-019		
Misc. Info.:	460-62993-F-29-B		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	182161	Lims Sample ID:	19
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m		
Last Update:	20-Sep-2013 11:43:38	Calib Date:	16-Sep-2013 20:10:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	75		
Process Host:	XAWRK008		
First Level Reviewer: ranav		Date:	20-Sep-2013 10:31:19

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
		Unknown alkane				
11.704	434535	4.31	103	0	0	
295-48-7		Cyclopentadecane				
11.739	488366	4.85	103	91	63051	
		Unknown alkane				
12.568	420701	4.18	103	0	0	
		Unknown				
12.615	525812	5.22	103			

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 103 Perylene-d12	11.804	4029343	40.0

QC Flag Legend

Processing Flags

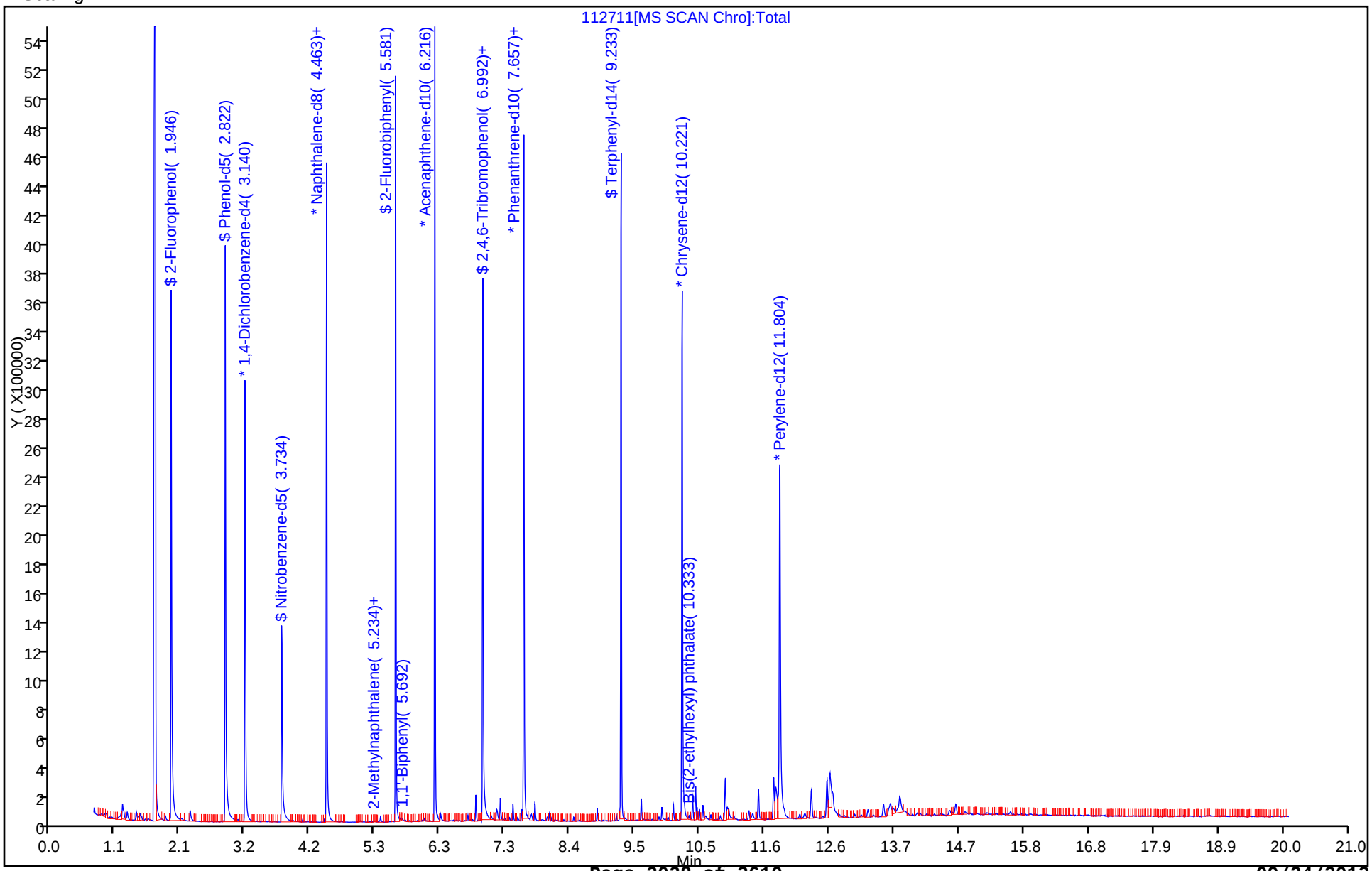
Report Date: 20-Sep-2013 11:43:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112711.D

Injection Date:	19-Sep-2013 20:46:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-13SE-SD	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	19
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



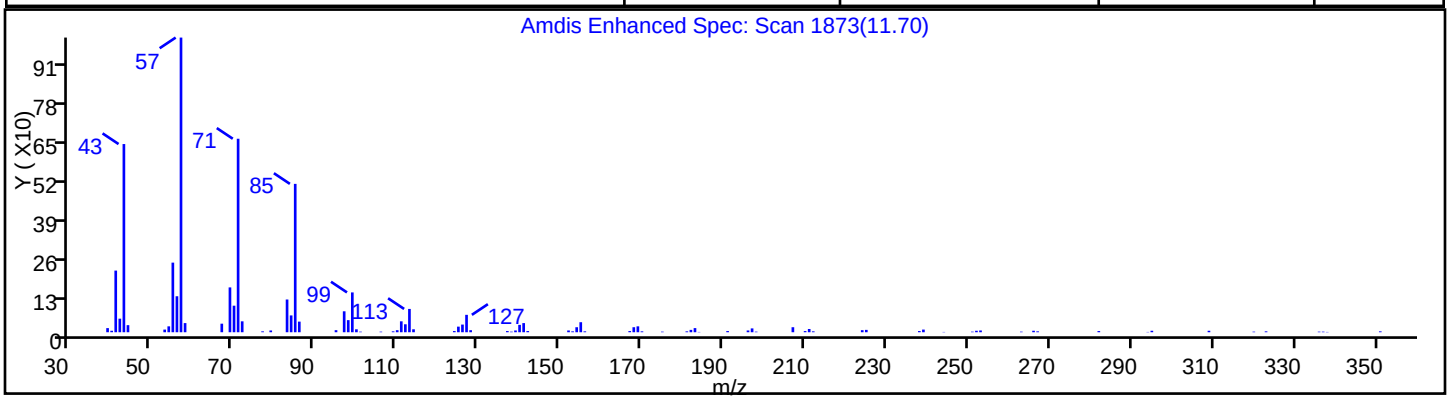
Report Date: 20-Sep-2013 11:43:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

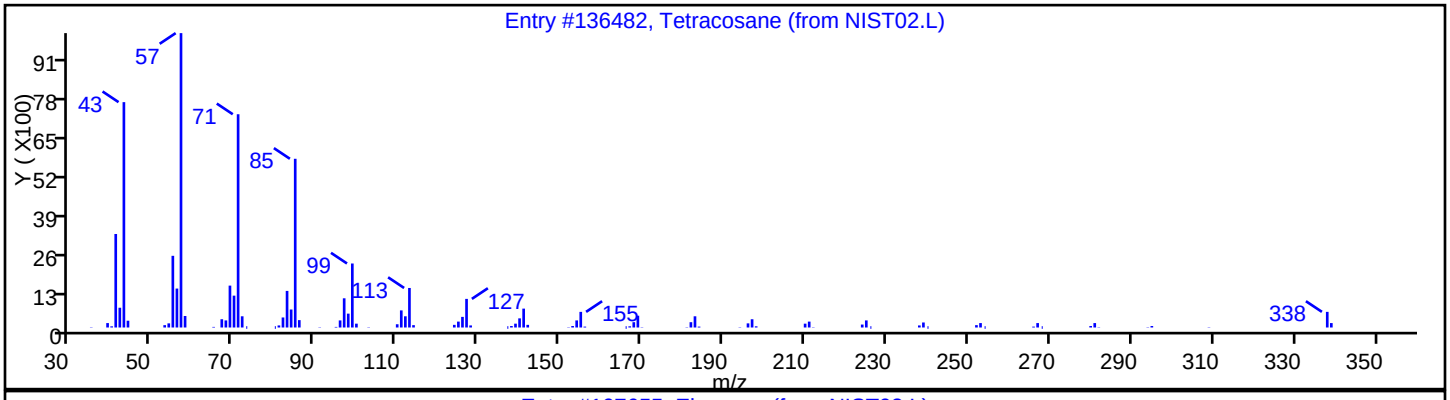
TestAmerica Edison

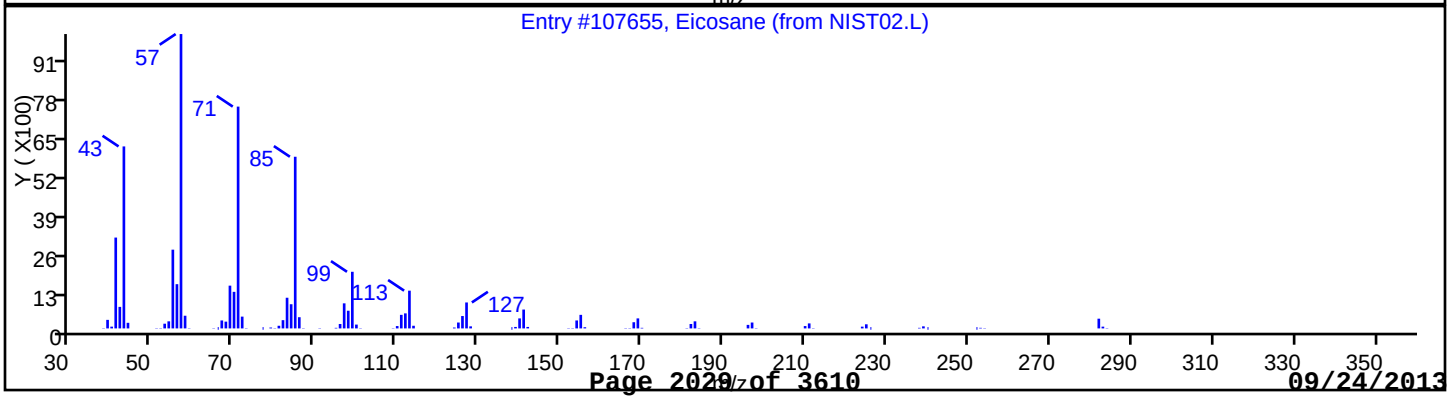
Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112711.D

Injection Date:	19-Sep-2013 20:46:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-13SE-SD	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	19
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown alkane		NIST02.L	0	0
Tetracosane	646-31-1	NIST02.L	136482	97
Eicosane	112-95-8	NIST02.L	107655	90



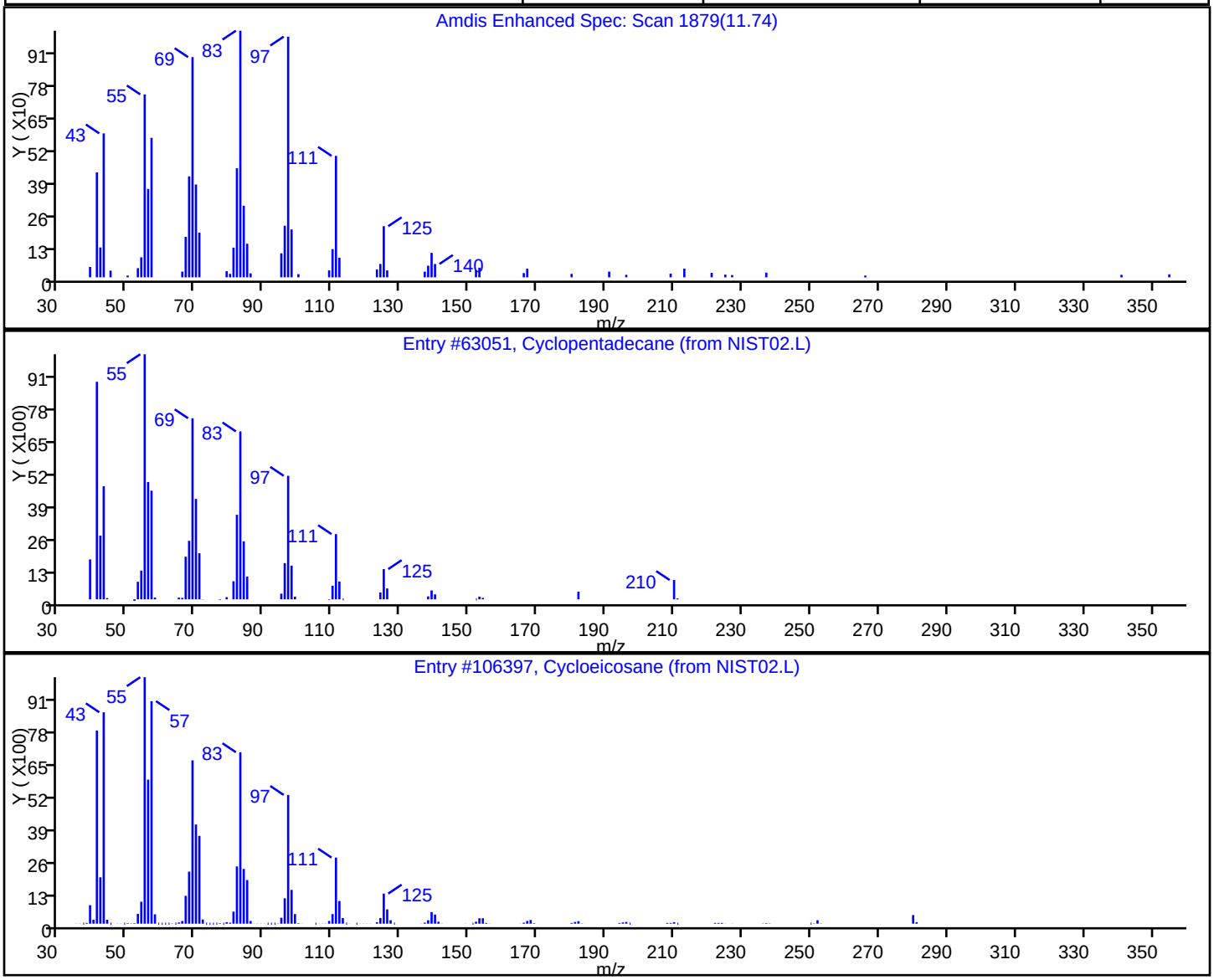




TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112711.D
Injection Date: 19-Sep-2013 20:46:30 Limit Group: SV 8270 ICAL
Client ID: PMP-13SE-SD Instrument ID: CBNAMS12
Lims Batch ID: 182161 Lims Sample ID: 19
Operator ID: BNA 12 Injection Vol: 1.0 ul
Column Type: Column Dia:

Library Search Compound Match	CAS Number	Library	Entry	Quality
Cyclopentadecane	295-48-7	NIST02.L	63051	91
Cycloeicosane	296-56-0	NIST02.L	106397	72



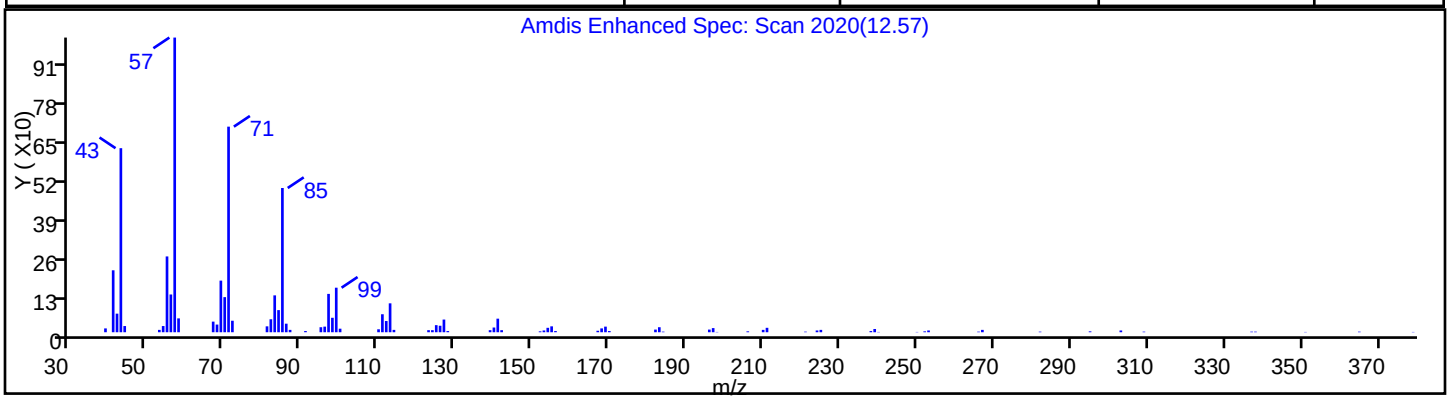
Report Date: 20-Sep-2013 11:43:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

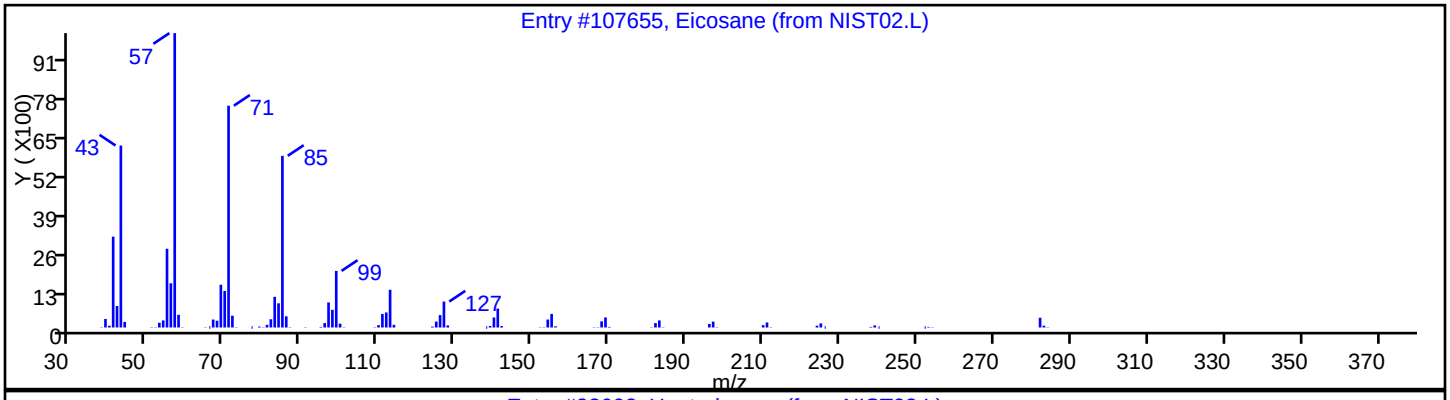
TestAmerica Edison

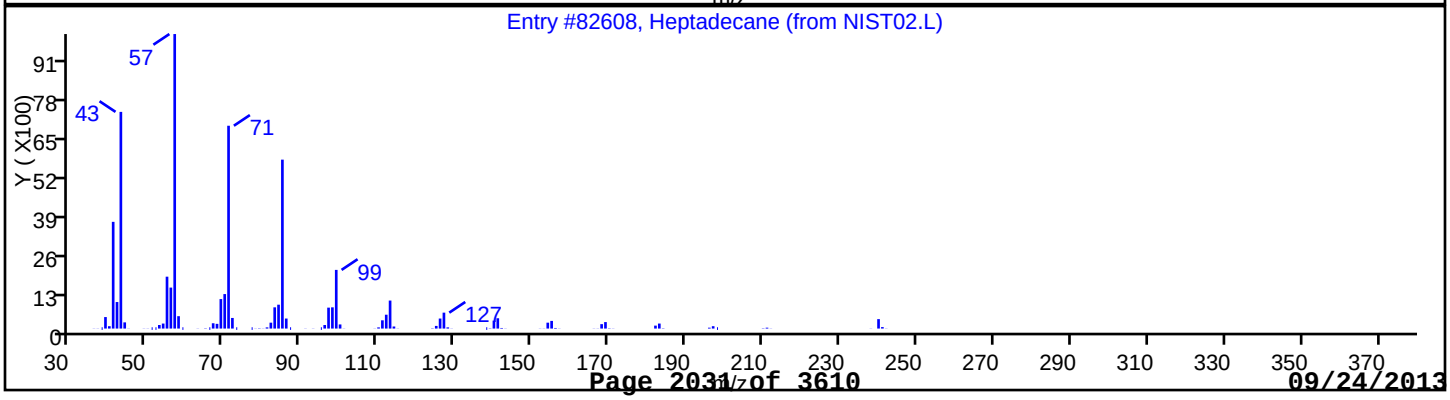
Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112711.D

Injection Date:	19-Sep-2013 20:46:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-13SE-SD	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	19
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown alkane		NIST02.L	0	0
Eicosane	112-95-8	NIST02.L	107655	97
Heptadecane	629-78-7	NIST02.L	82608	95





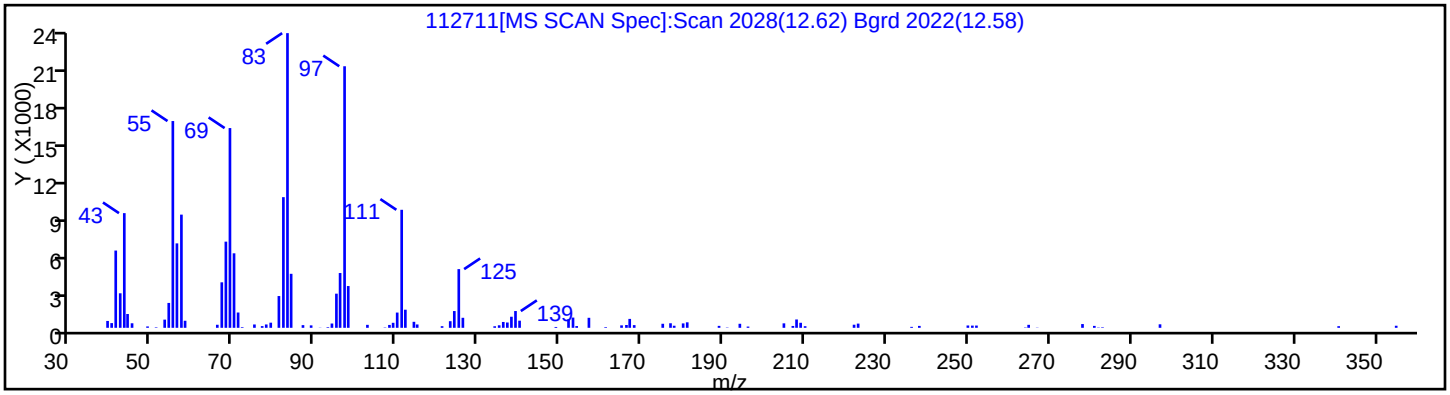


Report Date: 20-Sep-2013 11:43:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112711.D		
Injection Date:	19-Sep-2013 20:46:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-13SE-SD	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	19
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

No Library Matches Found above the Threshold: 75



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-VD | Lab Sample ID: 460-62993-30

Matrix: Solid | Lab File ID: x5368.d

Analysis Method: 8270C | Date Collected: 09/13/2013 11:45

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.04(g) | Date Analyzed: 09/18/2013 22:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	46	U	340	46
95-57-8	2-Chlorophenol	45	U	340	45
95-48-7	2-Methylphenol	59	U	340	59
106-44-5	4-Methylphenol	68	U	340	68
100-52-7	Benzaldehyde	40	U	340	40
98-86-2	Acetophenone	53	U	340	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	340	38
621-64-7	N-Nitrosodi-n-propylamine	5.7	U	34	5.7
98-95-3	Nitrobenzene	4.9	U	34	4.9
67-72-1	Hexachloroethane	3.8	U	34	3.8
78-59-1	Isophorone	42	U	340	42
88-75-5	2-Nitrophenol	38	U	340	38
105-67-9	2,4-Dimethylphenol	85	U	340	85
120-83-2	2,4-Dichlorophenol	50	U	340	50
111-91-1	Bis(2-chloroethoxy)methane	44	U	340	44
91-20-3	Naphthalene	40	U	340	40
106-47-8	4-Chloroaniline	91	U	340	91
87-68-3	Hexachlorobutadiene	8.4	U	70	8.4
105-60-2	Caprolactam	79	U	340	79
59-50-7	4-Chloro-3-methylphenol	52	U	340	52
91-57-6	2-Methylnaphthalene	44	U	340	44
118-74-1	Hexachlorobenzene	4.7	U	34	4.7
77-47-4	Hexachlorocyclopentadiene	40	U	340	40
88-06-2	2,4,6-Trichlorophenol	40	U	340	40
95-95-4	2,4,5-Trichlorophenol	44	U	340	44
92-52-4	Diphenyl	46	U	340	46
91-58-7	2-Chloronaphthalene	38	U	340	38
88-74-4	2-Nitroaniline	140	U	700	140
606-20-2	2,6-Dinitrotoluene	10	U	70	10
131-11-3	Dimethyl phthalate	41	U	340	41
208-96-8	Acenaphthylene	41	U	340	41
99-09-2	3-Nitroaniline	120	U	700	120
83-32-9	Acenaphthene	50	U	340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-VD | Lab Sample ID: 460-62993-30

Matrix: Solid | Lab File ID: x5368.d

Analysis Method: 8270C | Date Collected: 09/13/2013 11:45

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.04(g) | Date Analyzed: 09/18/2013 22:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	200	U	1000	200
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	41	U	340	41
86-73-7	Fluorene	44	U	340	44
206-44-0	Fluoranthene	46	U	340	46
84-74-2	Di-n-butyl phthalate	42	U	340	42
121-14-2	2,4-Dinitrotoluene	11	U	70	11
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	110	U	700	110
534-52-1	4,6-Dinitro-2-methylphenol	94	U	1000	94
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
1912-24-9	Atrazine	53	U	340	53
120-12-7	Anthracene	42	U	340	42
86-74-8	Carbazole	41	U	340	41
85-01-8	Phenanthrene	44	U	340	44
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	29	U	340	29
218-01-9	Chrysene	40	U	340	40
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
191-24-2	Benzo[g,h,i]perylene	25	U	340	25
205-99-2	Benzo[b]fluoranthene	2.2	U	34	2.2
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	340	34
85-68-7	Butyl benzyl phthalate	32	U	340	32
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
117-84-0	Di-n-octyl phthalate	22	U	340	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	34	6.4
53-70-3	Dibenz(a,h)anthracene	4.3	U	34	4.3
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U *	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	45	U *	340	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-VD Lab Sample ID: 460-62993-30

Matrix: Solid Lab File ID: x5368.d

Analysis Method: 8270C Date Collected: 09/13/2013 11:45

Extract. Method: 3541 Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.04(g) Date Analyzed: 09/18/2013 22:30

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	79		38-105
4165-62-2	Phenol-d5	76		41-118
1718-51-0	Terphenyl-d14	69		16-151
118-79-6	2,4,6-Tribromophenol	56		10-120
367-12-4	2-Fluorophenol	55		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-VD | Lab Sample ID: 460-62993-30

Matrix: Solid | Lab File ID: x5368.d

Analysis Method: 8270C | Date Collected: 09/13/2013 11:45

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.04(g) | Date Analyzed: 09/18/2013 22:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

Number TICs Found: 9 | TIC Result Total: 6090

CAS NO.	COMPOUND NAME	RT	RESULT	Q
629-59-4	Tetradecane	5.95	310	J N
	Unknown Alkane-1	6.27	290	J
629-62-9	Pentadecane	6.48	710	J N
544-76-3	Hexadecane	6.96	820	J N
55045-11-9	Tridecane, 5-propyl-	7.18	690	J N
	Unknown Alkane-2	7.26	310	J
629-78-7	Heptadecane	7.43	1800	J N
593-45-3	n-Octadecane	7.86	710	
593-45-3	Octadecane	8.28	450	J N

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5368.d
Report Date: 19-Sep-2013 12:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5368.d
Lab Smp Id: 460-62993-E-30-D Client Smp ID: PMP-15SE-VD
Inj Date : 18-SEP-2013 22:30
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-62993-E-30-D
Misc Info : 460-62993-E-30-D
Comment   :
Method   : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/8270C_11.m
Meth Date : 18-Sep-2013 19:15 ranav Quant Type: ISTD
Cal Date : 10-SEP-2013 18:50 Cal File: x5049.d
Als bottle: 9
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	4.15879	% Moisture

Cpnd Variable Local Compound Variable

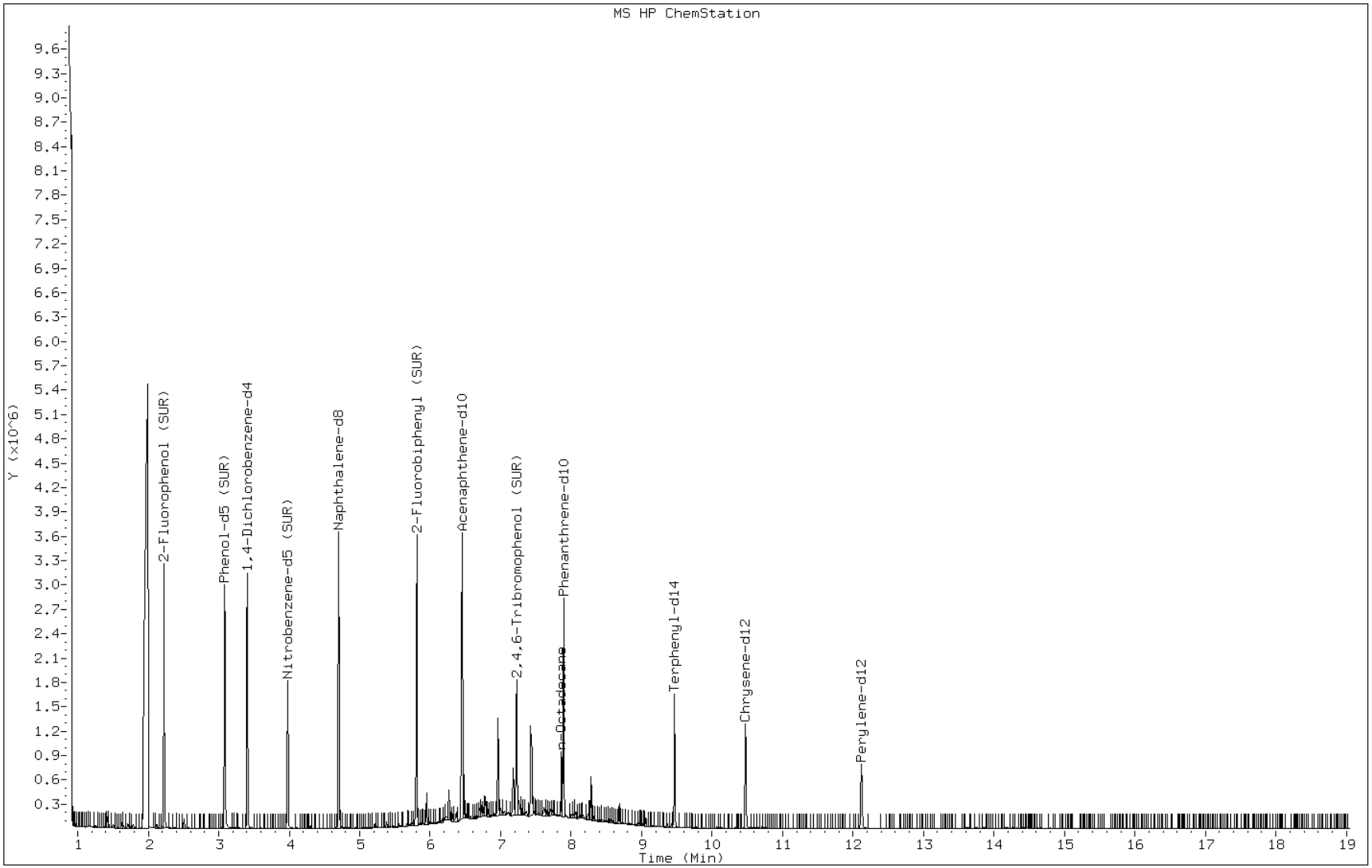
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.223	2.188	(0.653)	898258	55.4550	3800
$ 17 Phenol-d5 (SUR)	99	3.088	3.099	(0.907)	1397599	75.6621	5200
* 79 1,4-Dichlorobenzene-d4	152	3.405	3.405	(1.000)	491037	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.982	3.993	(0.846)	638624	39.3842	2700
* 80 Naphthalene-d8	136	4.705	4.711	(1.000)	1717925	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.811	5.817	(0.901)	1083387	34.9464	2400
* 82 Acenaphthene-d10	164	6.452	6.458	(1.000)	848561	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.229	7.234	(1.120)	220416	56.3010	3900
115 n-Octadecane	57	7.864	7.870	(0.996)	125705	10.2618	710
* 83 Phenanthrene-d10	188	7.893	7.899	(1.000)	948543	40.0000	
$ 78 Terphenyl-d14	244	9.470	9.470	(0.904)	532727	34.3538	2400
* 81 Chrysene-d12	240	10.476	10.487	(1.000)	501823	40.0000	
* 84 Perylene-d12	264	12.122	12.122	(1.000)	411072	40.0000	

Data File: x5368.d

Date: 18-SEP-2013 22:30

Client ID: PMP-15SE-VD Instrument: BNAMS5.i

Sample Info: 460-62993-E-30-D Operator: BNAMS 4



Data File: x5368.d

Date: 18-SEP-2013 22:30

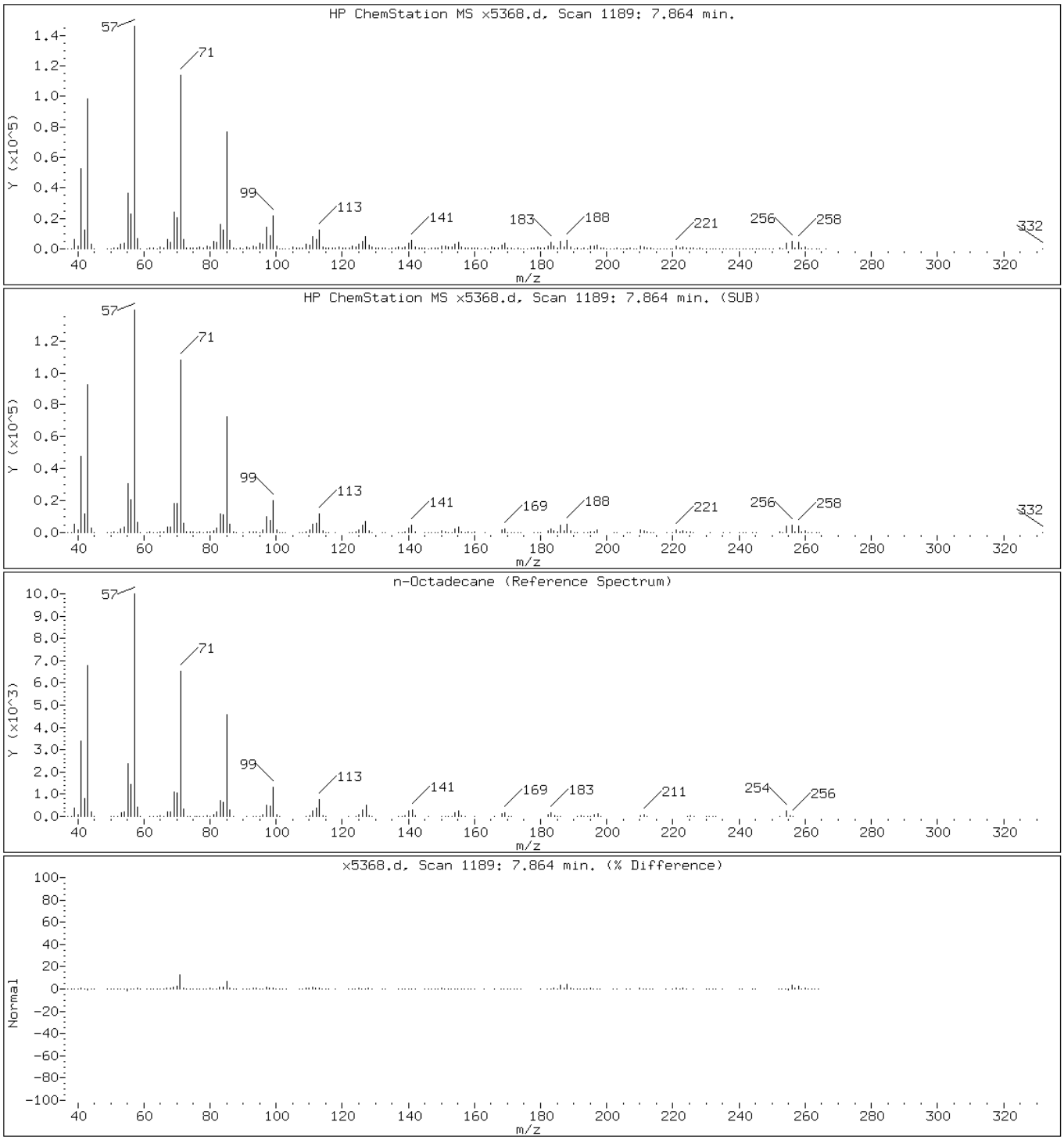
Client ID: PMP-15SE-VD

Instrument: BNAMS5.i

Sample Info: 460-62993-E-30-D

Operator: BNAMS 4

115 n-Octadecane



Data File: x5368.d

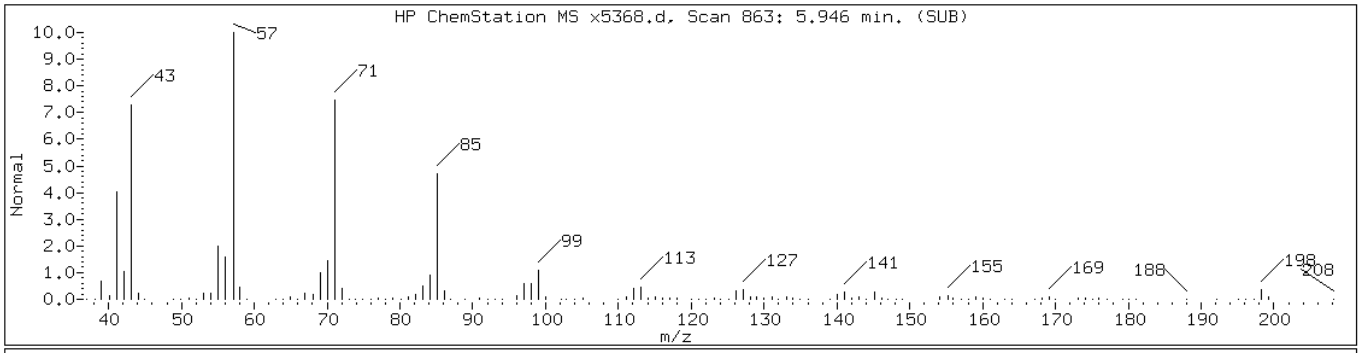
Date: 18-SEP-2013 22:30

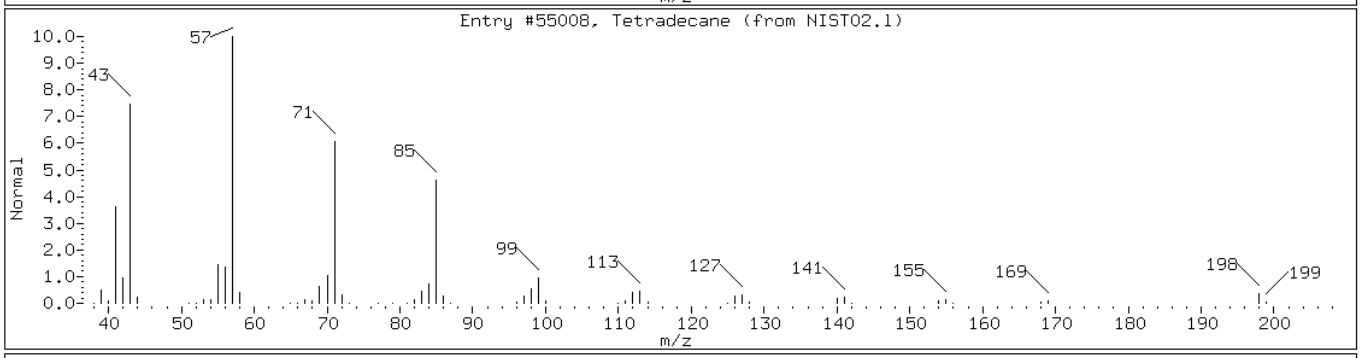
Client ID: PMP-15SE-VD Instrument: BNAMS5.i

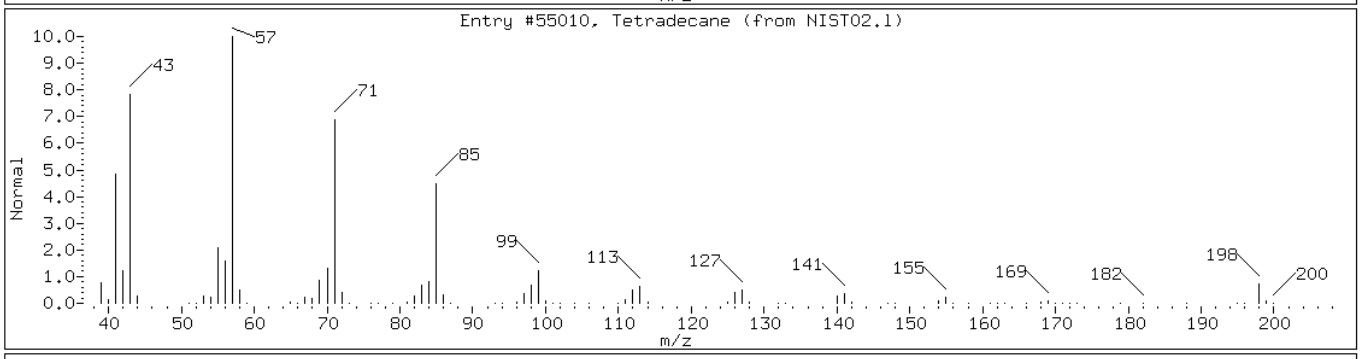
Sample Info: 460-62993-E-30-D Operator: BNAMS 4

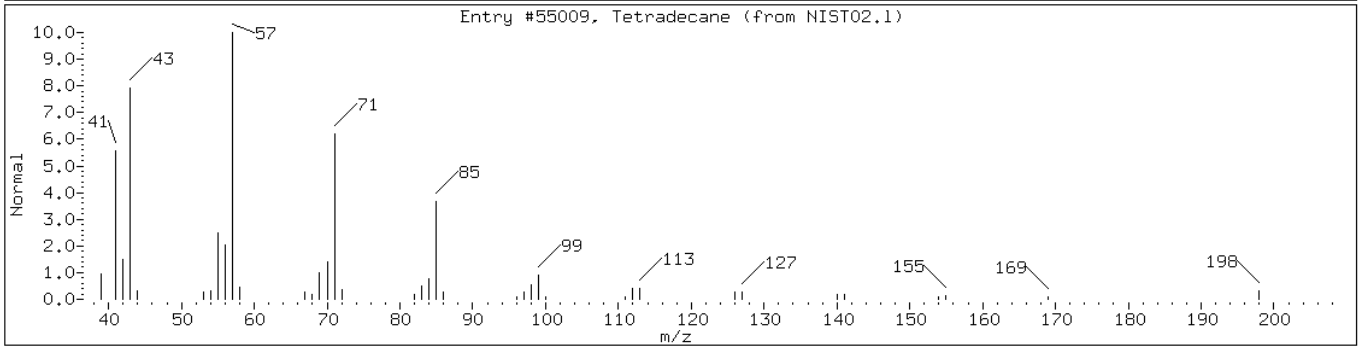
Retention Time: 5.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetradecane	629-59-4	NIST02.l	55008	97	C14H30	198
Tetradecane	629-59-4	NIST02.l	55010	96	C14H30	198
Tetradecane	629-59-4	NIST02.l	55009	92	C14H30	198









Data File: x5368.d

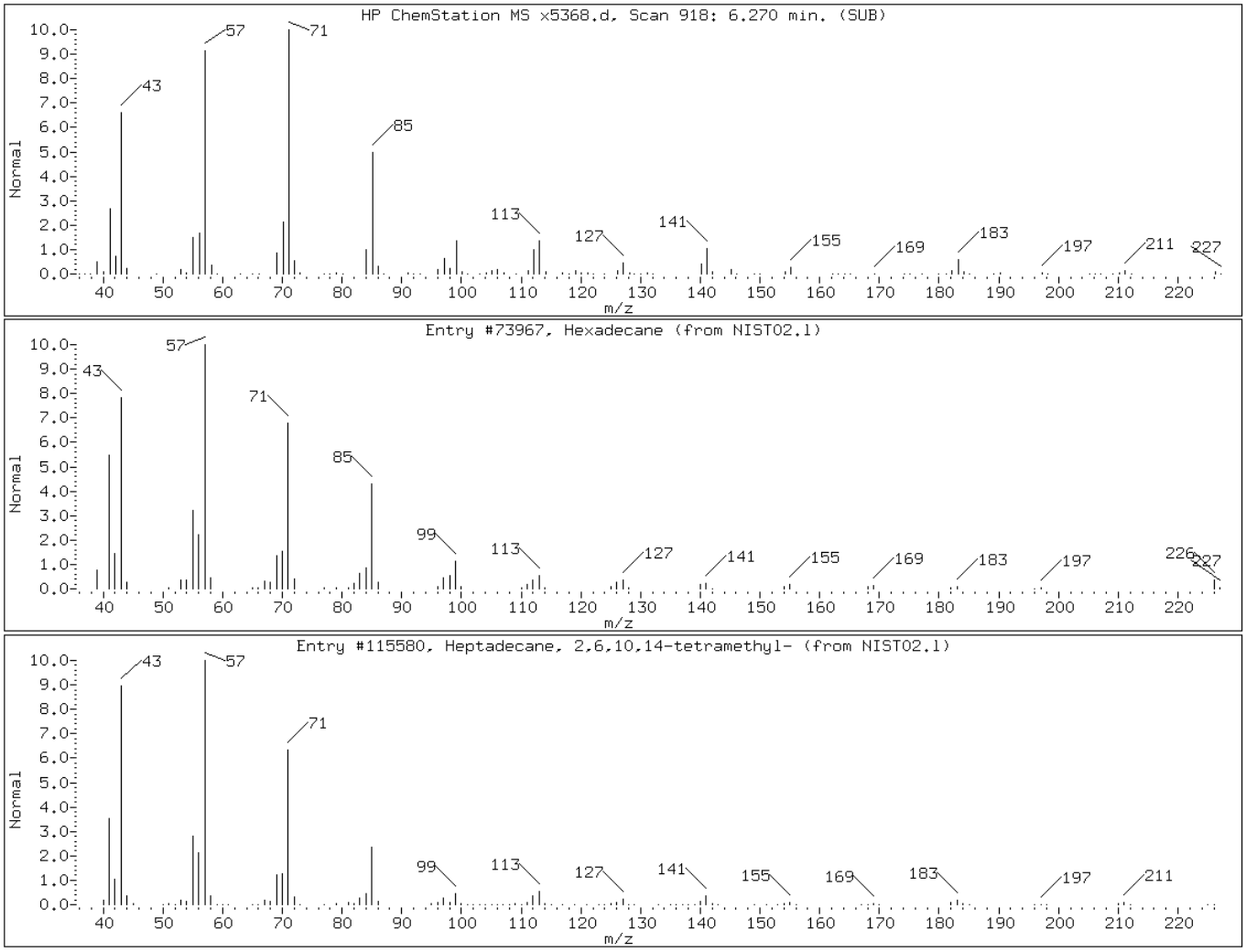
Date: 18-SEP-2013 22:30

Client ID: PMP-15SE-VD Instrument: BNAMS5.i

Sample Info: 460-62993-E-30-D Operator: BNAMS 4

Retention Time: 6.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Hexadecane	544-76-3	NIST02.l	73967	87	C16H34	226
Heptadecane, 2,6,10,14-tetramethyl	18344-37-1	NIST02.l	115580	86	C21H44	296



Data File: x5368.d

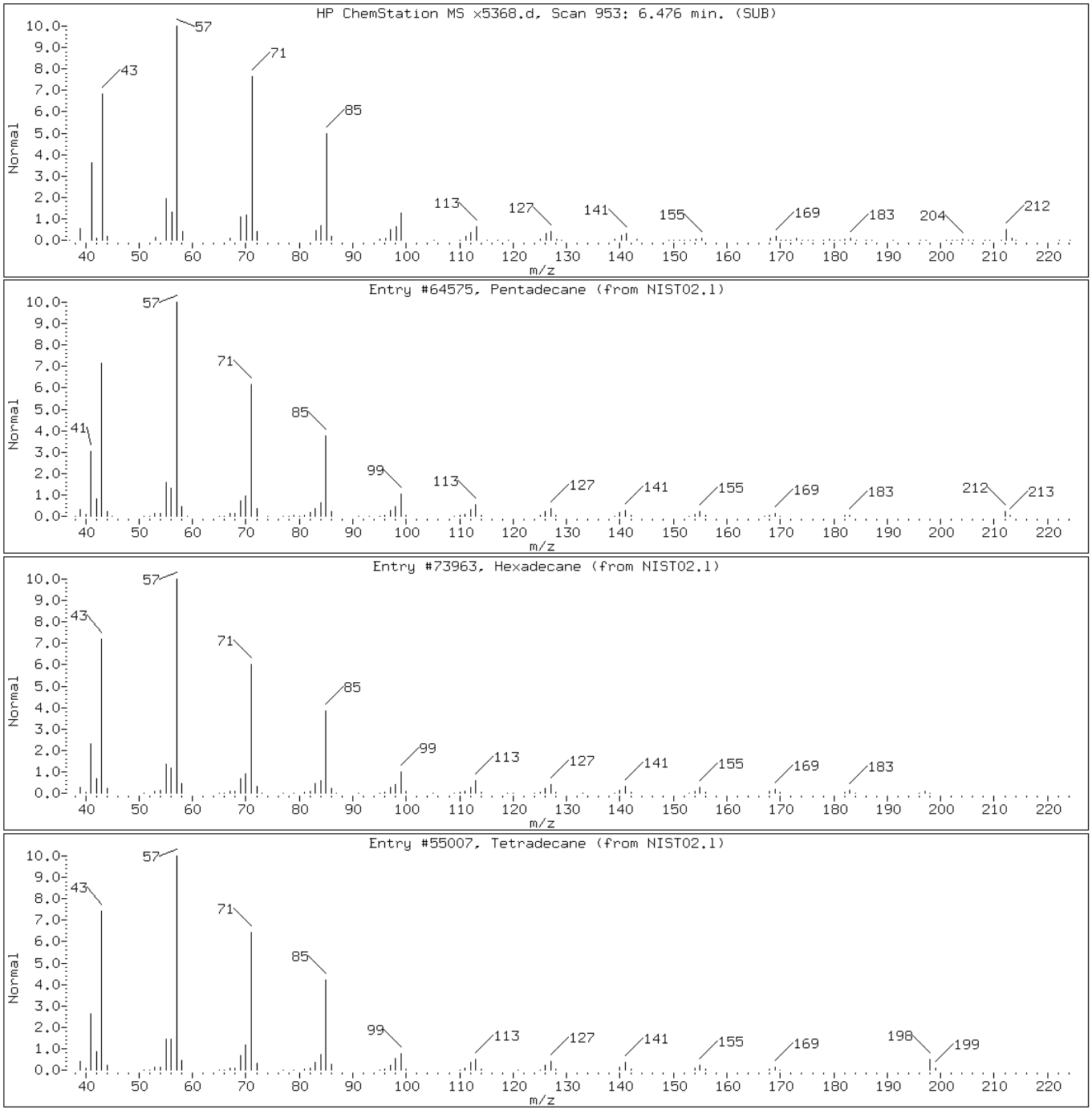
Date: 18-SEP-2013 22:30

Client ID: PMP-15SE-VD Instrument: BNAMS5.i

Sample Info: 460-62993-E-30-D Operator: BNAMS 4

Retention Time: 6.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentadecane	629-62-9	NIST02.l	64575	91	C15H32	212
Hexadecane	544-76-3	NIST02.l	73963	91	C16H34	226
Tetradecane	629-59-4	NIST02.l	55007	91	C14H30	198



Data File: x5368.d

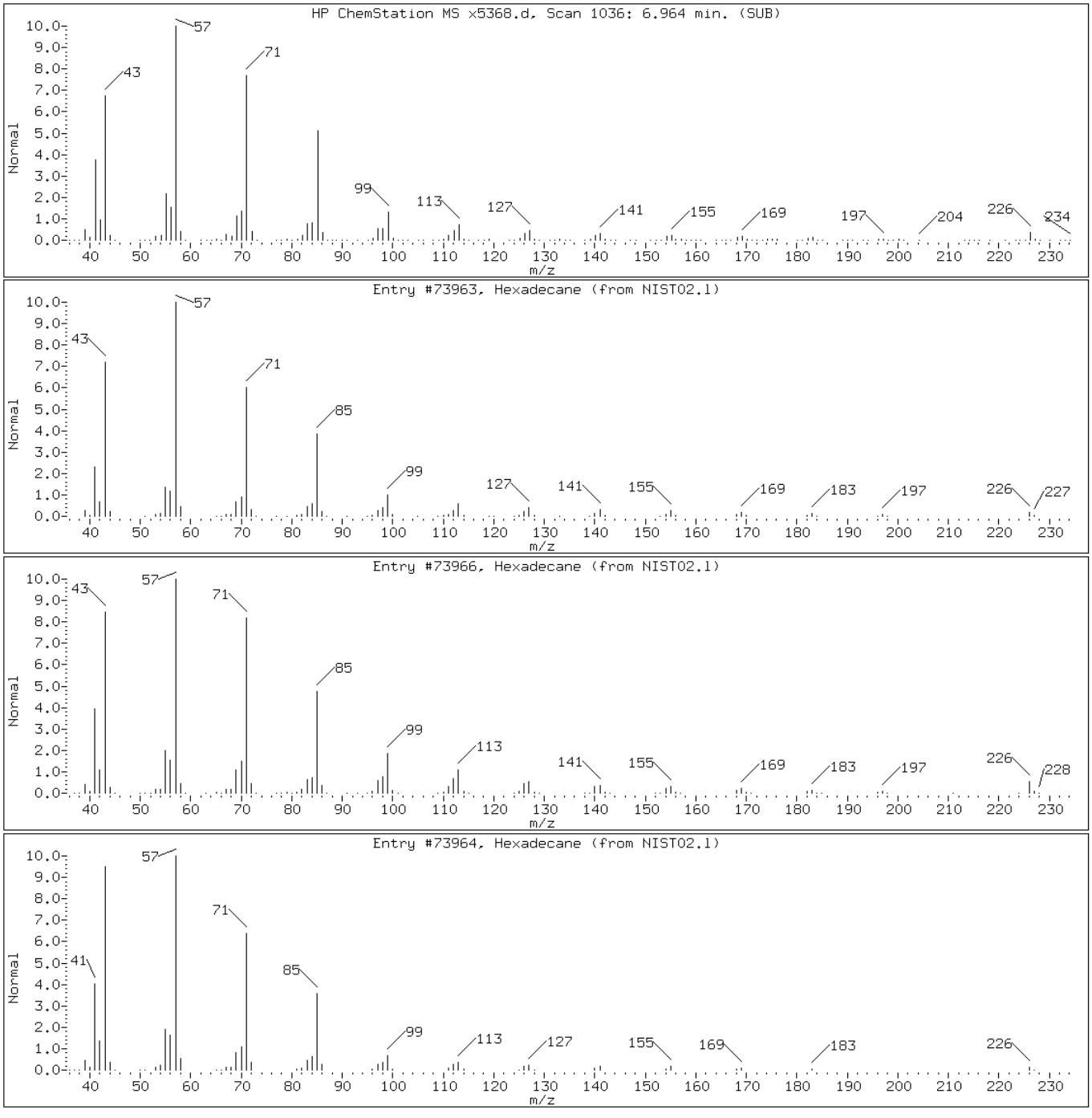
Date: 18-SEP-2013 22:30

Client ID: PMP-15SE-VD Instrument: BNAMS5.i

Sample Info: 460-62993-E-30-D Operator: BNAMS 4

Retention Time: 6.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexadecane	544-76-3	NIST02.l	73963	98	C16H34	226
Hexadecane	544-76-3	NIST02.l	73966	97	C16H34	226
Hexadecane	544-76-3	NIST02.l	73964	97	C16H34	226



Data File: x5368.d

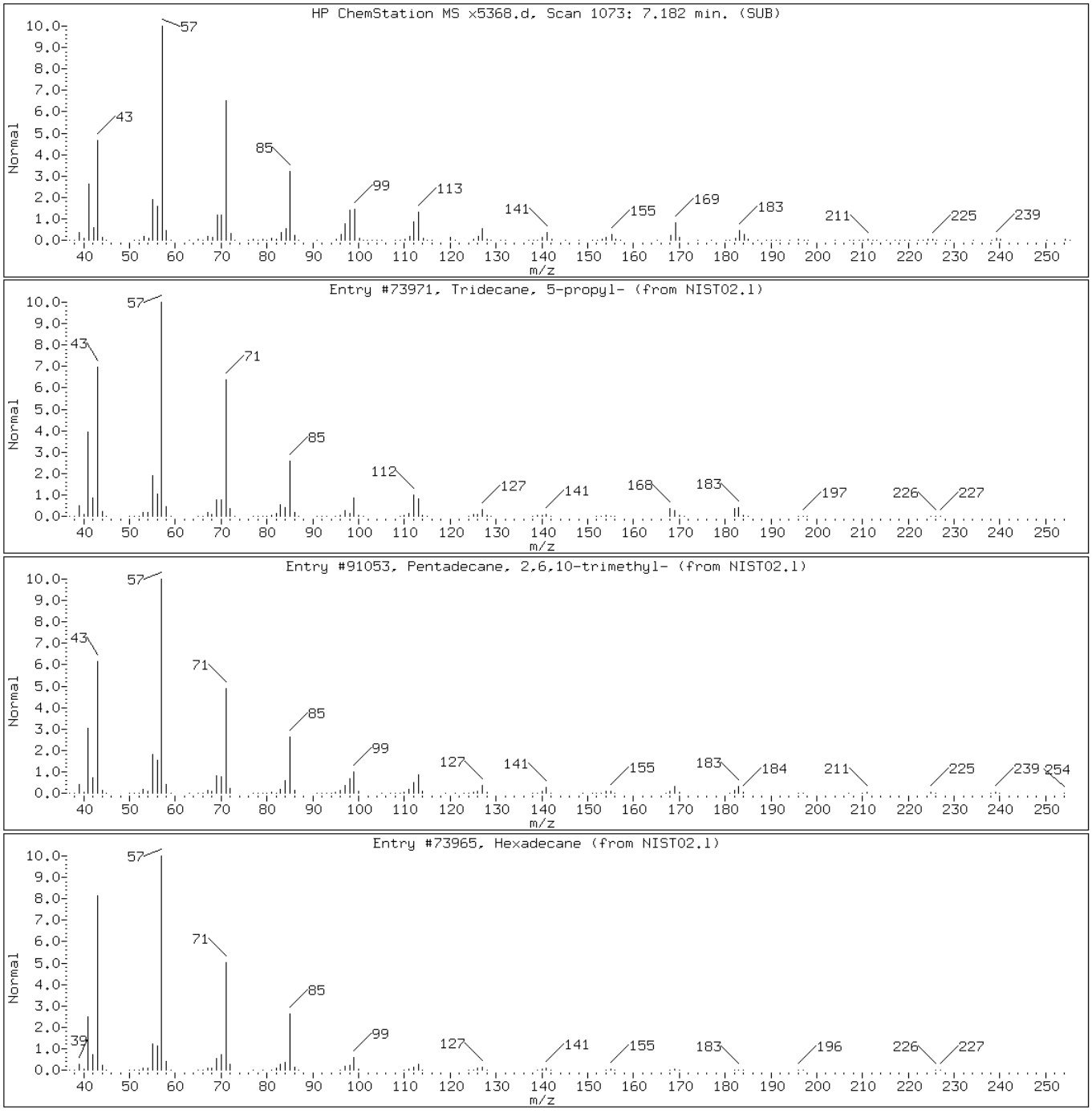
Date: 18-SEP-2013 22:30

Client ID: PMP-15SE-VD Instrument: BNAMS5.i

Sample Info: 460-62993-E-30-D Operator: BNAMS 4

Retention Time: 7.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	87	C16H34	226
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	86	C18H38	254
Hexadecane	544-76-3	NIST02.l	73965	76	C16H34	226



Data File: x5368.d

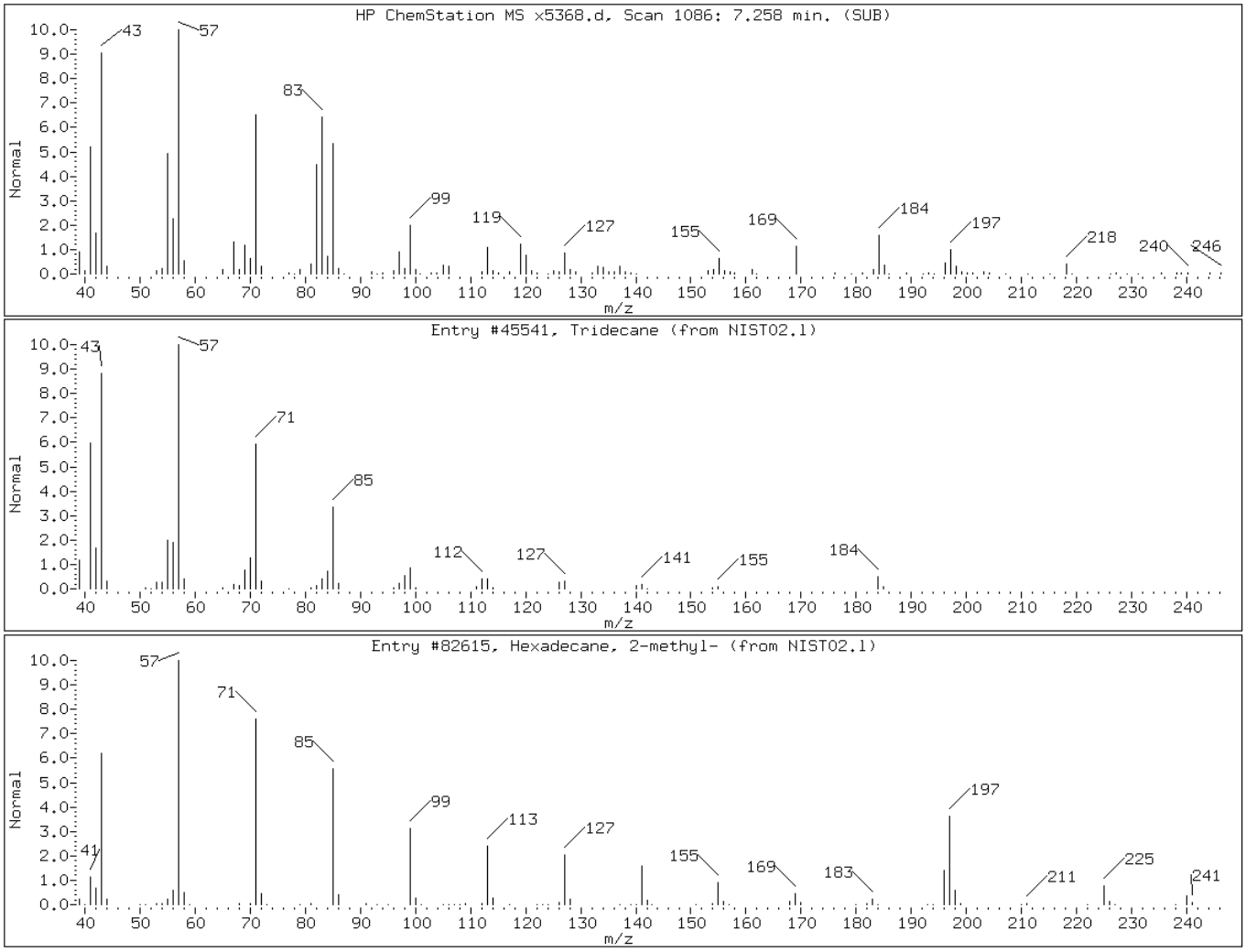
Date: 18-SEP-2013 22:30

Client ID: PMP-15SE-VD Instrument: BNAMS5.i

Sample Info: 460-62993-E-30-D Operator: BNAMS 4

Retention Time: 7.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Tridecane	629-50-5	NIST02.l	45541	46	C13H28	184
Hexadecane, 2-methyl-	1560-92-5	NIST02.l	82615	42	C17H36	240



Data File: x5368.d

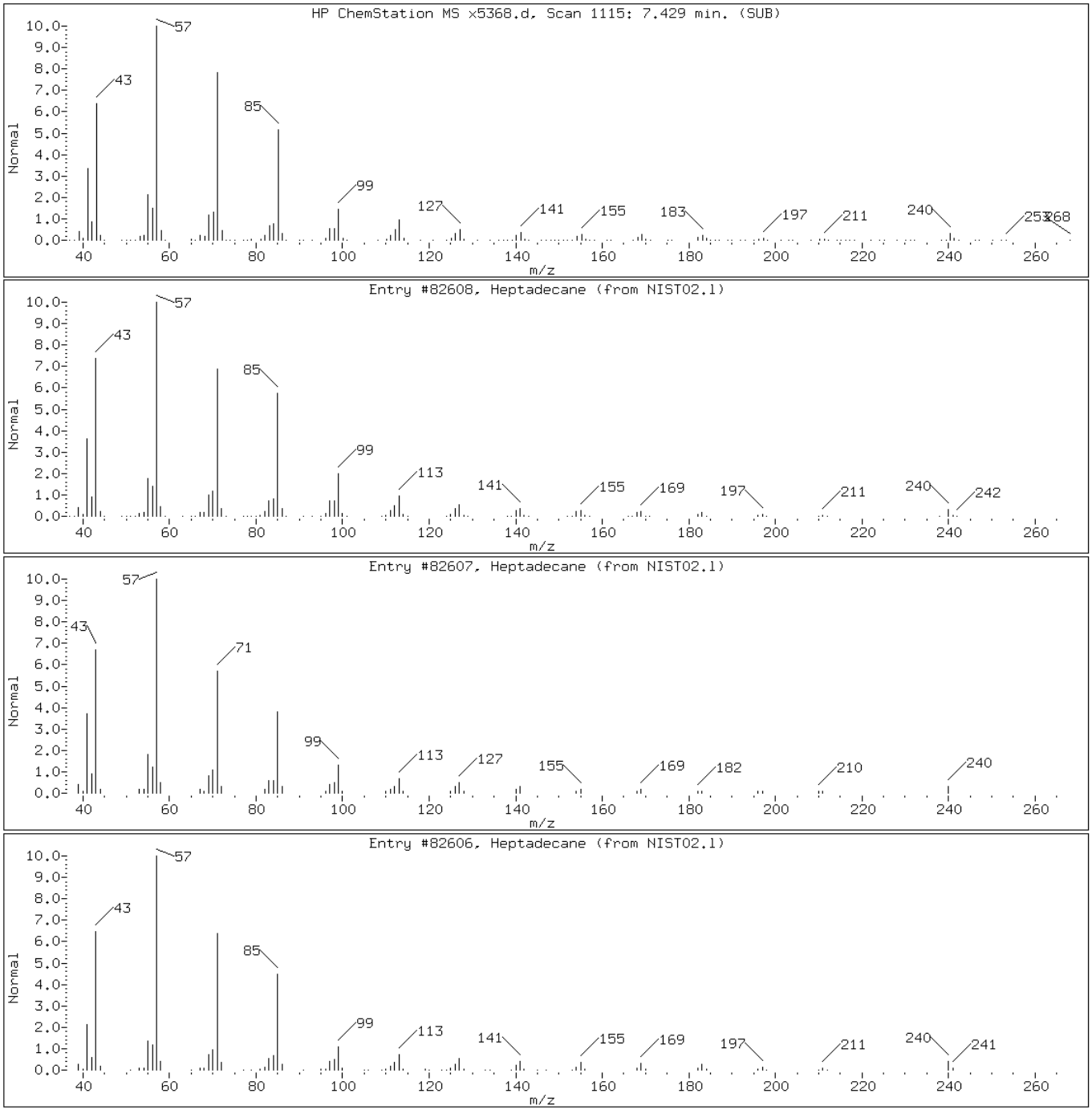
Date: 18-SEP-2013 22:30

Client ID: PMP-15SE-VD Instrument: BNAMS5.i

Sample Info: 460-62993-E-30-D Operator: BNAMS 4

Retention Time: 7.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptadecane	629-78-7	NIST02.l	82608	98	C17H36	240
Heptadecane	629-78-7	NIST02.l	82607	98	C17H36	240
Heptadecane	629-78-7	NIST02.l	82606	92	C17H36	240



Data File: x5368.d

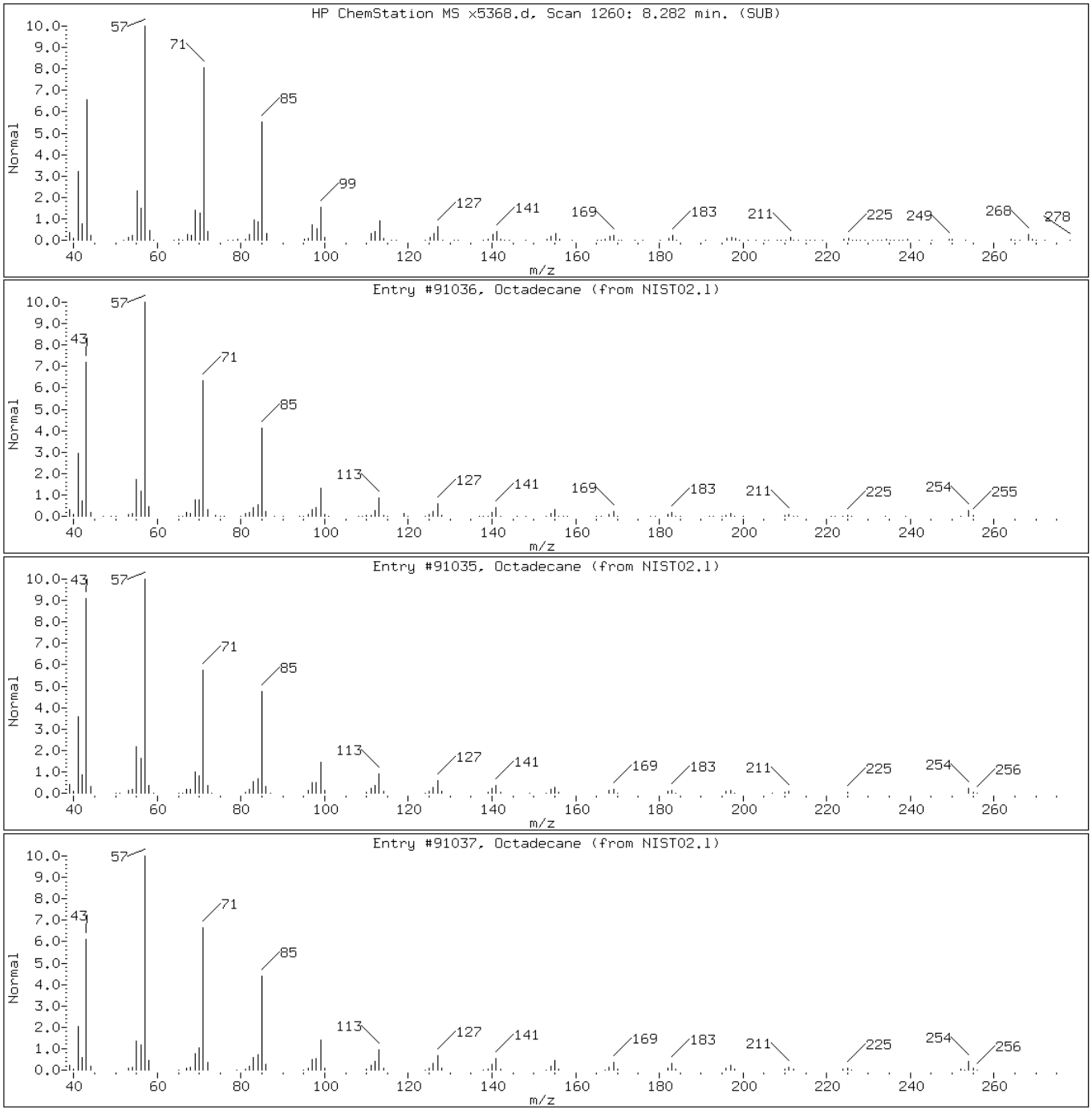
Date: 18-SEP-2013 22:30

Client ID: PMP-15SE-VD Instrument: BNAMS5.i

Sample Info: 460-62993-E-30-D Operator: BNAMS 4

Retention Time: 8.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octadecane	593-45-3	NIST02.l	91036	97	C18H38	254
Octadecane	593-45-3	NIST02.l	91035	94	C18H38	254
Octadecane	593-45-3	NIST02.l	91037	94	C18H38	254



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-WT | Lab Sample ID: 460-62993-31

Matrix: Solid | Lab File ID: 112712.D

Analysis Method: 8270C | Date Collected: 09/13/2013 11:50

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 21:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	51	U	380	51
95-57-8	2-Chlorophenol	50	U	380	50
95-48-7	2-Methylphenol	65	U	380	65
106-44-5	4-Methylphenol	75	U	380	75
100-52-7	Benzaldehyde	45	U	380	45
98-86-2	Acetophenone	59	U	380	59
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	380	42
621-64-7	N-Nitrosodi-n-propylamine	6.4	U	38	6.4
98-95-3	Nitrobenzene	5.4	U	38	5.4
67-72-1	Hexachloroethane	4.3	U	38	4.3
78-59-1	Isophorone	46	U	380	46
88-75-5	2-Nitrophenol	43	U	380	43
105-67-9	2,4-Dimethylphenol	94	U	380	94
120-83-2	2,4-Dichlorophenol	56	U	380	56
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
91-20-3	Naphthalene	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.3	U	77	9.3
105-60-2	Caprolactam	88	U	380	88
59-50-7	4-Chloro-3-methylphenol	58	U	380	58
91-57-6	2-Methylnaphthalene	49	U	380	49
118-74-1	Hexachlorobenzene	5.2	U	38	5.2
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
88-06-2	2,4,6-Trichlorophenol	45	U	380	45
95-95-4	2,4,5-Trichlorophenol	49	U	380	49
92-52-4	Diphenyl	51	U	380	51
91-58-7	2-Chloronaphthalene	43	U	380	43
88-74-4	2-Nitroaniline	160	U	770	160
606-20-2	2,6-Dinitrotoluene	12	U	77	12
131-11-3	Dimethyl phthalate	45	U	380	45
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	140	U	770	140
83-32-9	Acenaphthene	56	U	380	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-WT | Lab Sample ID: 460-62993-31

Matrix: Solid | Lab File ID: 112712.D

Analysis Method: 8270C | Date Collected: 09/13/2013 11:50

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 21:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	45	U	380	45
84-66-2	Diethyl phthalate	46	U	380	46
86-73-7	Fluorene	49	U	380	49
206-44-0	Fluoranthene	51	U	380	51
84-74-2	Di-n-butyl phthalate	47	U	380	47
121-14-2	2,4-Dinitrotoluene	13	U	77	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	380	45
100-01-6	4-Nitroaniline	120	U	770	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1200	100
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
1912-24-9	Atrazine	59	U	380	59
120-12-7	Anthracene	46	U	380	46
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	49	U	380	49
87-86-5	Pentachlorophenol	110	U	1200	110
129-00-0	Pyrene	32	U	380	32
218-01-9	Chrysene	45	U	380	45
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.7	U	38	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	380	38
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	24	U	380	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.1	U	38	7.1
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
91-94-1	3,3'-Dichlorobenzidine	130	U	770	130
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	380	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-WT Lab Sample ID: 460-62993-31

Matrix: Solid Lab File ID: 112712.D

Analysis Method: 8270C Date Collected: 09/13/2013 11:50

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 21:14

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	73		38-105
4165-62-2	Phenol-d5	83		41-118
1718-51-0	Terphenyl-d14	92		16-151
118-79-6	2,4,6-Tribromophenol	73		10-120
367-12-4	2-Fluorophenol	88		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-WT | Lab Sample ID: 460-62993-31

Matrix: Solid | Lab File ID: 112712.D

Analysis Method: 8270C | Date Collected: 09/13/2013 11:50

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 21:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112712.D		
Lims ID:	460-62993-E-31-B	Client ID:	PMP-15SE-WT
Inject. Date:	19-Sep-2013 21:14:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004813-020		
Misc. Info.:	460-62993-E-31-B		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	182161	Lims Sample ID:	20
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m		
Last Update:	20-Sep-2013 11:43:38	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: ranav		Date:	20-Sep-2013 10:32:22

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	1.946	1.934	0.012	95	1241790	87.7	
$ 6 Phenol-d5	99	2.822	2.828	-0.006	99	1604205	83.5	
* 13 1,4-Dichlorobenzene-d4	152	3.146	3.140	0.006	95	569953	40.0	
$ 25 Nitrobenzene-d5	82	3.740	3.740	0.0	87	662557	36.5	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	2159409	40.0	
$ 48 2-Fluorobiphenyl	172	5.581	5.581	0.0	97	1569897	40.3	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	94	1153227	40.0	
$ 76 2,4,6-Tribromophenol	330	6.992	6.992	0.0	92	525453	72.6	
* 83 Phenanthrene-d10	188	7.657	7.657	0.0	98	1765092	40.0	
87 Di-n-butyl phthalate	149	8.304	8.298	0.006	80	6547	0.1145	
$ 91 Terphenyl-d14	244	9.233	9.227	0.006	99	1490443	46.1	
* 96 Chrysene-d12	240	10.222	10.221	0.001	99	1363962	40.0	
98 Bis(2-ethylhexyl) phthalate	149	10.333	10.333	0.0	63	5535	0.2019	
* 103 Perylene-d12	264	11.798	11.804	-0.006	98	1270879	40.0	

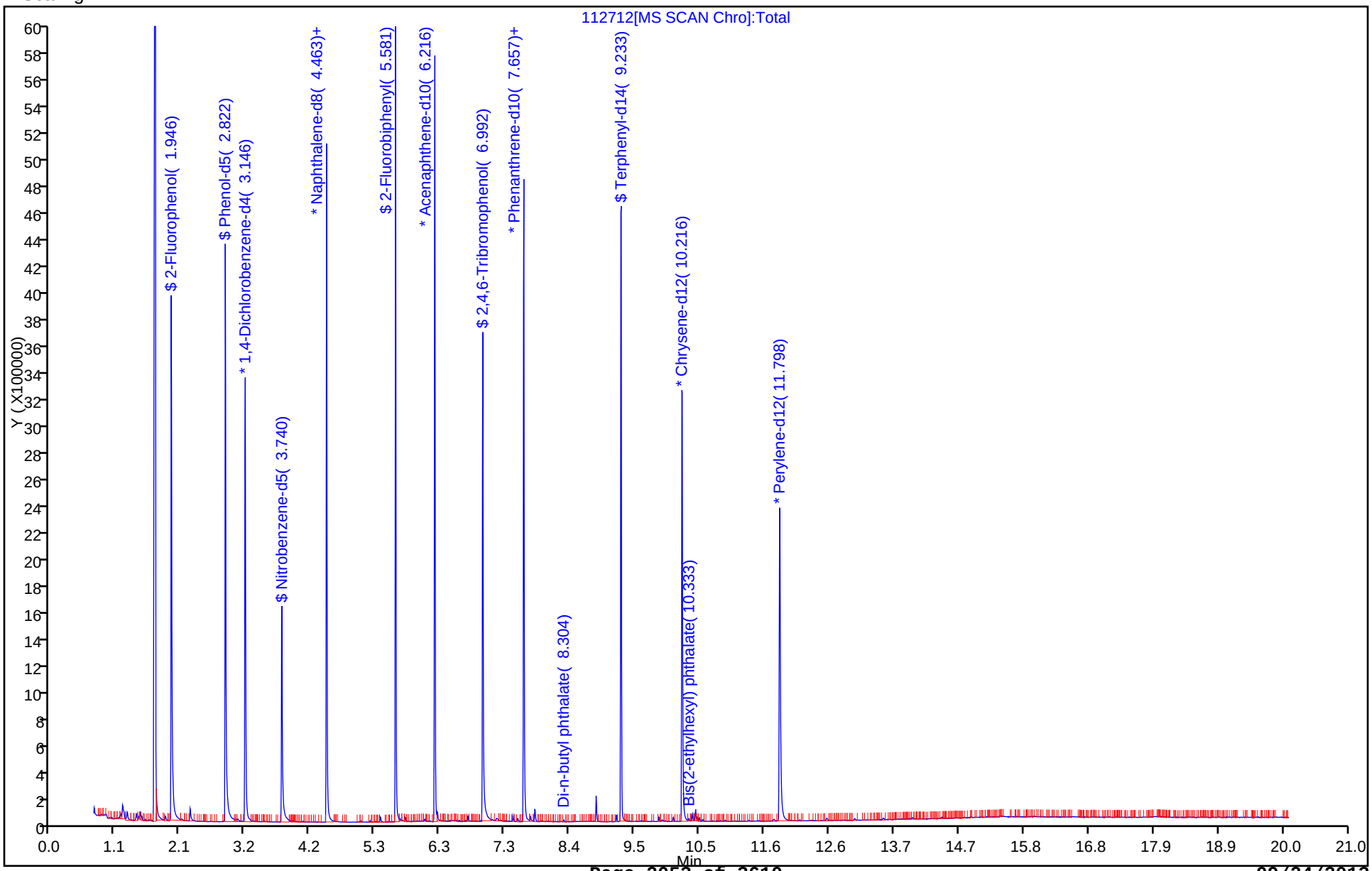
Report Date: 20-Sep-2013 11:43:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112712.D

Injection Date:	19-Sep-2013 21:14:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-15SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	20
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SI | Lab Sample ID: 460-62993-32

Matrix: Solid | Lab File ID: x5369.d

Analysis Method: 8270C | Date Collected: 09/13/2013 11:55

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.01(g) | Date Analyzed: 09/18/2013 22:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	52	U	390	52
95-57-8	2-Chlorophenol	51	U	390	51
95-48-7	2-Methylphenol	66	U	390	66
106-44-5	4-Methylphenol	76	U	390	76
100-52-7	Benzaldehyde	46	U	390	46
98-86-2	Acetophenone	59	U	390	59
111-44-4	Bis(2-chloroethyl)ether	5.3	U	39	5.3
108-60-1	2,2'-oxybis[1-chloropropane]	43	U	390	43
621-64-7	N-Nitrosodi-n-propylamine	6.5	U	39	6.5
98-95-3	Nitrobenzene	5.5	U	39	5.5
67-72-1	Hexachloroethane	4.3	U	39	4.3
78-59-1	Isophorone	47	U	390	47
88-75-5	2-Nitrophenol	43	U	390	43
105-67-9	2,4-Dimethylphenol	95	U	390	95
120-83-2	2,4-Dichlorophenol	57	U	390	57
111-91-1	Bis(2-chloroethoxy)methane	50	U	390	50
91-20-3	Naphthalene	45	U	390	45
106-47-8	4-Chloroaniline	100	U	390	100
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
105-60-2	Caprolactam	89	U	390	89
59-50-7	4-Chloro-3-methylphenol	58	U	390	58
91-57-6	2-Methylnaphthalene	50	U	390	50
118-74-1	Hexachlorobenzene	5.3	U	39	5.3
77-47-4	Hexachlorocyclopentadiene	46	U	390	46
88-06-2	2,4,6-Trichlorophenol	45	U	390	45
95-95-4	2,4,5-Trichlorophenol	50	U	390	50
92-52-4	Diphenyl	52	U	390	52
91-58-7	2-Chloronaphthalene	43	U	390	43
88-74-4	2-Nitroaniline	160	U	780	160
606-20-2	2,6-Dinitrotoluene	12	U	78	12
131-11-3	Dimethyl phthalate	46	U	390	46
208-96-8	Acenaphthylene	46	U	390	46
99-09-2	3-Nitroaniline	140	U	780	140
83-32-9	Acenaphthene	56	U	390	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SI | Lab Sample ID: 460-62993-32

Matrix: Solid | Lab File ID: x5369.d

Analysis Method: 8270C | Date Collected: 09/13/2013 11:55

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.01(g) | Date Analyzed: 09/18/2013 22:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	45	U	390	45
84-66-2	Diethyl phthalate	46	U	390	46
86-73-7	Fluorene	50	U	390	50
206-44-0	Fluoranthene	52	U	390	52
84-74-2	Di-n-butyl phthalate	160	J	390	48
121-14-2	2,4-Dinitrotoluene	13	U	78	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	390	45
100-01-6	4-Nitroaniline	120	U	780	120
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	38	U	390	38
1912-24-9	Atrazine	60	U	390	60
120-12-7	Anthracene	47	U	390	47
86-74-8	Carbazole	46	U	390	46
85-01-8	Phenanthrene	49	U	390	49
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	32	U	390	32
218-01-9	Chrysene	45	U	390	45
207-08-9	Benzo[k]fluoranthene	2.9	U	39	2.9
191-24-2	Benzo[g,h,i]perylene	29	U	390	29
205-99-2	Benzo[b]fluoranthene	2.4	U	39	2.4
50-32-8	Benzo[a]pyrene	2.7	U	39	2.7
56-55-3	Benzo[a]anthracene	2.7	U	39	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	390	38
85-68-7	Butyl benzyl phthalate	35	U	390	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	390	130
117-84-0	Di-n-octyl phthalate	25	U	390	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.2	U	39	7.2
53-70-3	Dibenz(a,h)anthracene	4.9	U	39	4.9
91-94-1	3,3'-Dichlorobenzidine	140	U	780	140
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U *	390	52
58-90-2	2,3,4,6-Tetrachlorophenol	50	U *	390	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SI | Lab Sample ID: 460-62993-32

Matrix: Solid | Lab File ID: x5369.d

Analysis Method: 8270C | Date Collected: 09/13/2013 11:55

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.01(g) | Date Analyzed: 09/18/2013 22:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	78		38-105
4165-62-2	Phenol-d5	83		41-118
1718-51-0	Terphenyl-d14	82		16-151
118-79-6	2,4,6-Tribromophenol	71		10-120
367-12-4	2-Fluorophenol	69		37-125
321-60-8	2-Fluorobiphenyl	79		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SI | Lab Sample ID: 460-62993-32

Matrix: Solid | Lab File ID: x5369.d

Analysis Method: 8270C | Date Collected: 09/13/2013 11:55

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.01(g) | Date Analyzed: 09/18/2013 22:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | 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/8270/09-10-13/18sep13a.b/x5369.d
Report Date: 19-Sep-2013 12:27

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5369.d
Lab Smp Id: 460-62993-E-32-B Client Smp ID: PMP-15SE-SI
Inj Date : 18-SEP-2013 22:56
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-62993-E-32-B
Misc Info : 460-62993-E-32-B
Comment   :
Method   : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/8270C_11.m
Meth Date : 18-Sep-2013 19:15 ranav Quant Type: ISTD
Cal Date : 10-SEP-2013 18:50 Cal File: x5049.d
Als bottle: 10
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	15.01000	Weight of sample extracted (g)
M	14.60259	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.223	2.188	(0.653)	934423	69.4944	5400
$ 17 Phenol-d5 (SUR)	99	3.088	3.099	(0.907)	1266751	82.6139	6400
* 79 1,4-Dichlorobenzene-d4	152	3.405	3.405	(1.000)	407613	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.976	3.993	(0.845)	537790	39.2408	3100
* 80 Naphthalene-d8	136	4.705	4.711	(1.000)	1451965	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.811	5.817	(0.901)	1016832	39.4090	3100
* 82 Acenaphthene-d10	164	6.452	6.458	(1.000)	706246	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.229	7.234	(1.120)	232395	71.3225	5600
115 n-Octadecane	57	7.864	7.870	(0.996)	18834	1.75146	140(a)
* 83 Phenanthrene-d10	188	7.893	7.899	(1.000)	832666	40.0000	
55 Di-n-butylphthalate	149	8.517	8.523	(1.079)	43812	2.07180	160(a)
$ 78 Terphenyl-d14	244	9.470	9.470	(0.904)	555745	41.2140	3200
* 81 Chrysene-d12	240	10.475	10.487	(1.000)	436367	40.0000	

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5369.d
Report Date: 19-Sep-2013 12:27

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	12.122	12.122	(1.000)	350718	40.0000	

QC Flag Legend

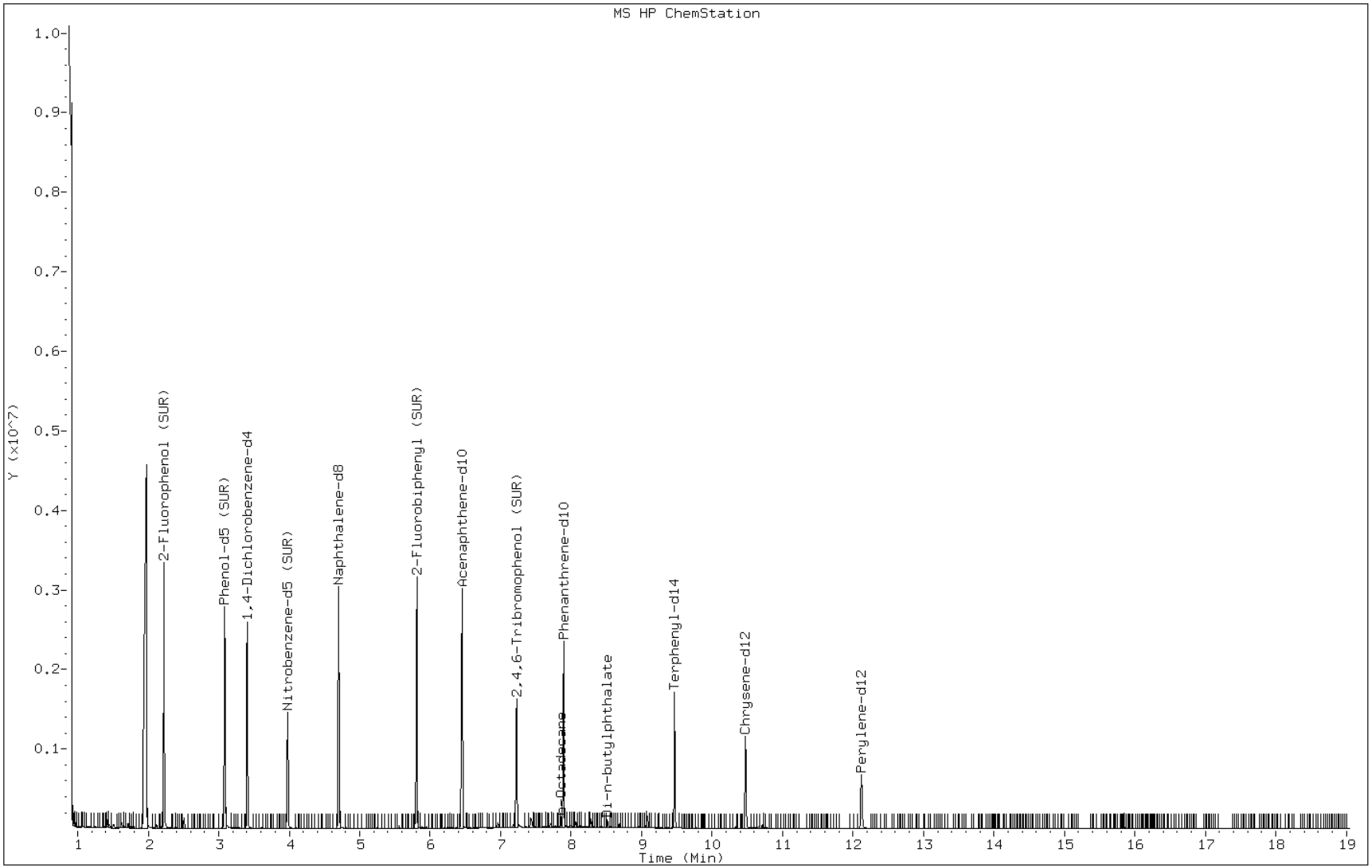
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: x5369.d

Date: 18-SEP-2013 22:56

Client ID: PMP-15SE-SI Instrument: BNAMS5.i

Sample Info: 460-62993-E-32-B Operator: BNAMS 4



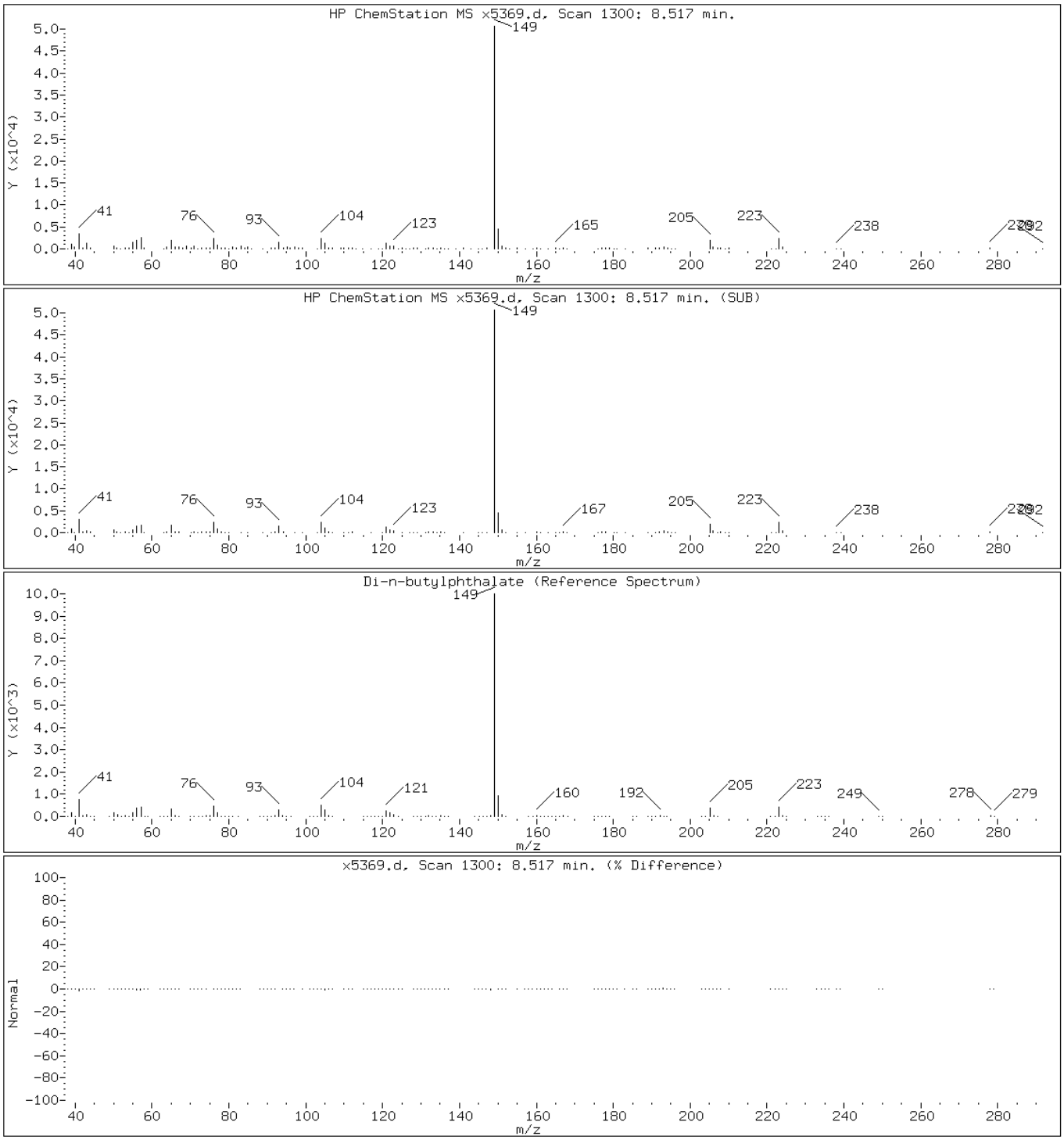
Data File: x5369.d

Date: 18-SEP-2013 22:56

Client ID: PMP-15SE-SI Instrument: BNAMS5.i

Sample Info: 460-62993-E-32-B Operator: BNAMS 4

55 Di-n-butylphthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SD | Lab Sample ID: 460-62993-33

Matrix: Solid | Lab File ID: x5370.d

Analysis Method: 8270C | Date Collected: 09/13/2013 12:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.03(g) | Date Analyzed: 09/18/2013 23:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	53	U	400	53
95-57-8	2-Chlorophenol	52	U	400	52
95-48-7	2-Methylphenol	68	U	400	68
106-44-5	4-Methylphenol	78	U	400	78
100-52-7	Benzaldehyde	47	U	400	47
98-86-2	Acetophenone	61	U	400	61
111-44-4	Bis(2-chloroethyl)ether	5.4	U	40	5.4
108-60-1	2,2'-oxybis[1-chloropropane]	44	U	400	44
621-64-7	N-Nitrosodi-n-propylamine	6.6	U	40	6.6
98-95-3	Nitrobenzene	5.6	U	40	5.6
67-72-1	Hexachloroethane	4.4	U	40	4.4
78-59-1	Isophorone	48	U	400	48
88-75-5	2-Nitrophenol	44	U	400	44
105-67-9	2,4-Dimethylphenol	98	U	400	98
120-83-2	2,4-Dichlorophenol	58	U	400	58
111-91-1	Bis(2-chloroethoxy)methane	51	U	400	51
91-20-3	Naphthalene	46	U	400	46
106-47-8	4-Chloroaniline	110	U	400	110
87-68-3	Hexachlorobutadiene	9.7	U	80	9.7
105-60-2	Caprolactam	91	U	400	91
59-50-7	4-Chloro-3-methylphenol	60	U	400	60
91-57-6	2-Methylnaphthalene	51	U	400	51
118-74-1	Hexachlorobenzene	5.4	U	40	5.4
77-47-4	Hexachlorocyclopentadiene	47	U	400	47
88-06-2	2,4,6-Trichlorophenol	46	U	400	46
95-95-4	2,4,5-Trichlorophenol	51	U	400	51
92-52-4	Diphenyl	53	U	400	53
91-58-7	2-Chloronaphthalene	44	U	400	44
88-74-4	2-Nitroaniline	170	U	800	170
606-20-2	2,6-Dinitrotoluene	12	U	80	12
131-11-3	Dimethyl phthalate	47	U	400	47
208-96-8	Acenaphthylene	47	U	400	47
99-09-2	3-Nitroaniline	140	U	800	140
83-32-9	Acenaphthene	58	U	400	58

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SD | Lab Sample ID: 460-62993-33

Matrix: Solid | Lab File ID: x5370.d

Analysis Method: 8270C | Date Collected: 09/13/2013 12:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.03(g) | Date Analyzed: 09/18/2013 23:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	260	U	1200	260
51-28-5	2,4-Dinitrophenol	230	U	1200	230
132-64-9	Dibenzofuran	47	U	400	47
84-66-2	Diethyl phthalate	47	U	400	47
86-73-7	Fluorene	51	U	400	51
206-44-0	Fluoranthene	53	U	400	53
84-74-2	Di-n-butyl phthalate	180	J	400	49
121-14-2	2,4-Dinitrotoluene	13	U	80	13
7005-72-3	4-Chlorophenyl phenyl ether	47	U	400	47
100-01-6	4-Nitroaniline	120	U	800	120
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	39	U	400	39
1912-24-9	Atrazine	61	U	400	61
120-12-7	Anthracene	48	U	400	48
86-74-8	Carbazole	47	U	400	47
85-01-8	Phenanthrene	51	U	400	51
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	33	U	400	33
218-01-9	Chrysene	46	U	400	46
207-08-9	Benzo[k]fluoranthene	3.0	U	40	3.0
191-24-2	Benzo[g,h,i]perylene	29	U	400	29
205-99-2	Benzo[b]fluoranthene	2.5	U	40	2.5
50-32-8	Benzo[a]pyrene	2.8	U	40	2.8
56-55-3	Benzo[a]anthracene	2.8	U	40	2.8
86-30-6	N-Nitrosodiphenylamine	39	U	400	39
85-68-7	Butyl benzyl phthalate	36	U	400	36
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	400	130
117-84-0	Di-n-octyl phthalate	25	U	400	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.4	U	40	7.4
53-70-3	Dibenz(a,h)anthracene	5.0	U	40	5.0
91-94-1	3,3'-Dichlorobenzidine	140	U	800	140
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U *	400	53
58-90-2	2,3,4,6-Tetrachlorophenol	52	U *	400	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SD Lab Sample ID: 460-62993-33

Matrix: Solid Lab File ID: x5370.d

Analysis Method: 8270C Date Collected: 09/13/2013 12:00

Extract. Method: 3541 Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.03(g) Date Analyzed: 09/18/2013 23:21

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 16.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	87		38-105
4165-62-2	Phenol-d5	87		41-118
1718-51-0	Terphenyl-d14	85		16-151
118-79-6	2,4,6-Tribromophenol	67		10-120
367-12-4	2-Fluorophenol	65		37-125
321-60-8	2-Fluorobiphenyl	86		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SD Lab Sample ID: 460-62993-33

Matrix: Solid Lab File ID: x5370.d

Analysis Method: 8270C Date Collected: 09/13/2013 12:00

Extract. Method: 3541 Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.03(g) Date Analyzed: 09/18/2013 23:21

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 16.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 430

CAS NO.	COMPOUND NAME	RT	RESULT	Q
629-78-7	Heptadecane	7.43	430	J N

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5370.d
Report Date: 19-Sep-2013 12:29

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5370.d
Lab Smp Id: 460-62993-E-33-B Client Smp ID: PMP-15SE-SD
Inj Date : 18-SEP-2013 23:21
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-62993-E-33-B
Misc Info : 460-62993-E-33-B
Comment   :
Method   : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/8270C_11.m
Meth Date : 18-Sep-2013 19:15 ranav Quant Type: ISTD
Cal Date : 10-SEP-2013 18:50 Cal File: x5049.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	15.03000	Weight of sample extracted (g)
M	16.86957	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.223	2.188	(0.653)	937420	64.8629	5200
$ 17 Phenol-d5 (SUR)	99	3.088	3.099	(0.907)	1441479	87.4633	7000
* 79 1,4-Dichlorobenzene-d4	152	3.405	3.405	(1.000)	438119	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.982	3.993	(0.846)	633830	43.4342	3500
* 80 Naphthalene-d8	136	4.705	4.711	(1.000)	1546043	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.811	5.817	(0.901)	1148937	42.9735	3400
* 82 Acenaphthene-d10	164	6.452	6.458	(1.000)	731809	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.229	7.234	(1.120)	226870	67.1947	5400
115 n-Octadecane	57	7.864	7.870	(0.996)	26057	2.49757	200(a)
* 83 Phenanthrene-d10	188	7.893	7.899	(1.000)	807859	40.0000	
55 Di-n-butylphthalate	149	8.517	8.523	(1.079)	45119	2.19912	180(a)
$ 78 Terphenyl-d14	244	9.470	9.470	(0.904)	543257	42.6899	3400
* 81 Chrysene-d12	240	10.476	10.487	(1.000)	411814	40.0000	

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5370.d
Report Date: 19-Sep-2013 12:29

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	12.117	12.122	(1.000)	330474	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: x5370.d

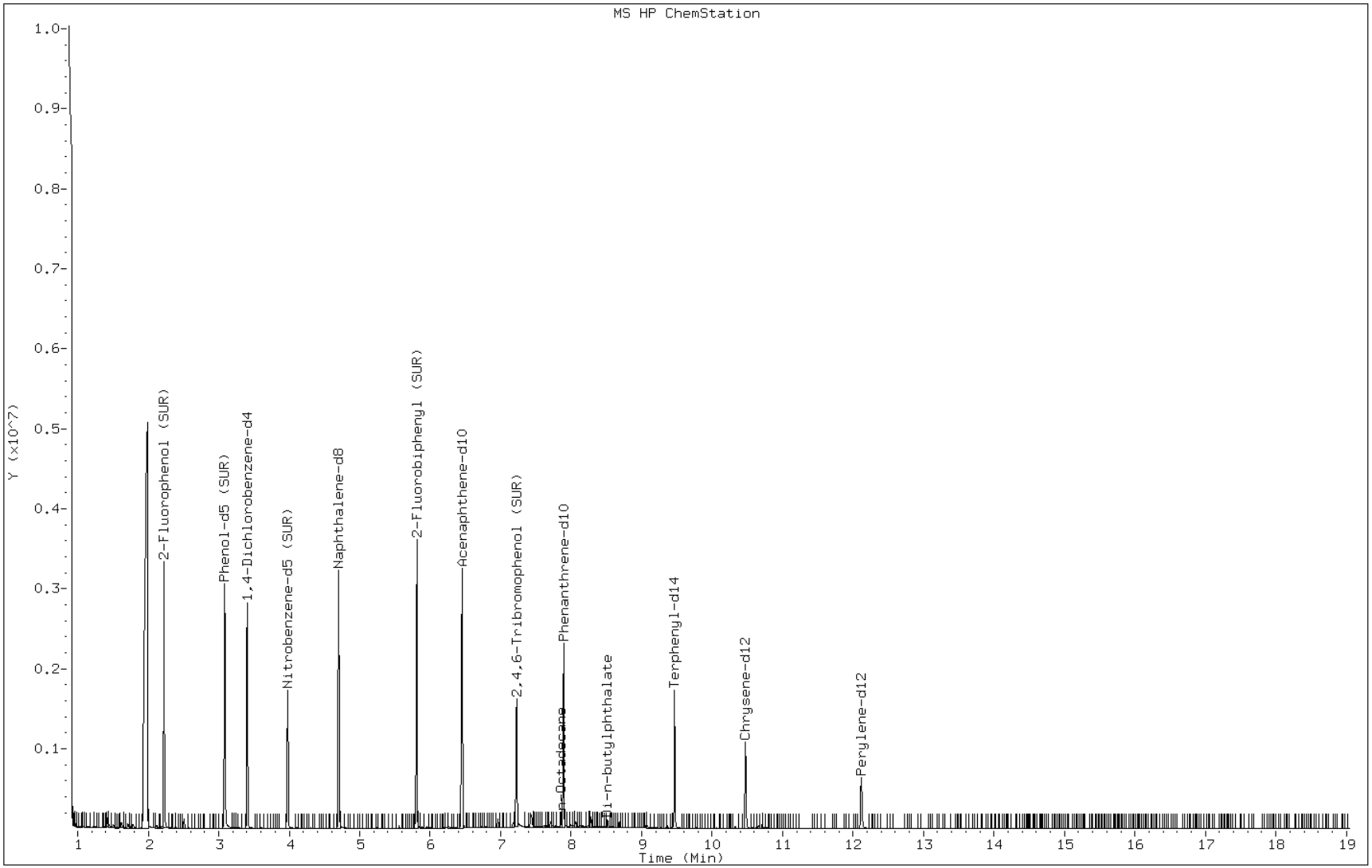
Date: 18-SEP-2013 23:21

Client ID: PMP-15SE-SD

Instrument: BNAMS5.i

Sample Info: 460-62993-E-33-B

Operator: BNAMS 4



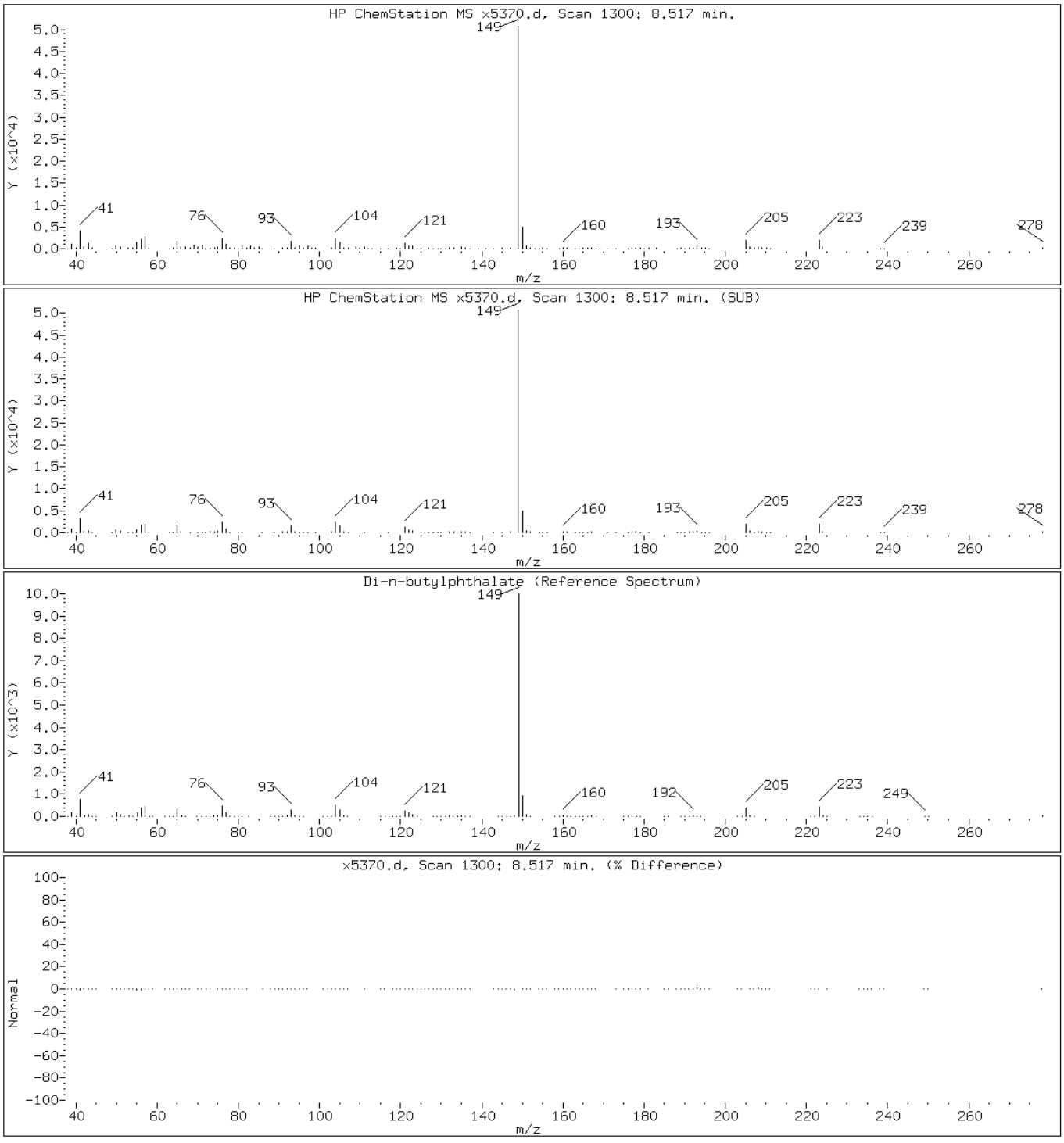
Data File: x5370.d

Date: 18-SEP-2013 23:21

Client ID: PMP-15SE-SD Instrument: BNAMS5.i

Sample Info: 460-62993-E-33-B Operator: BNAMS 4

55 Di-n-butylphthalate



Data File: x5370.d

Date: 18-SEP-2013 23:21

Client ID: PMP-15SE-SD Instrument: BNAMS5.i

Sample Info: 460-62993-E-33-B Operator: BNAMS 4

Retention Time: 7.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
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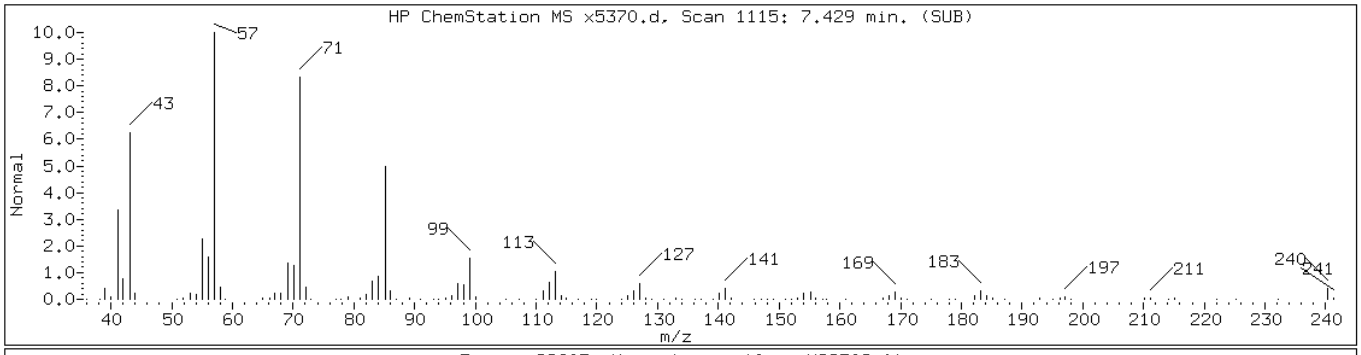
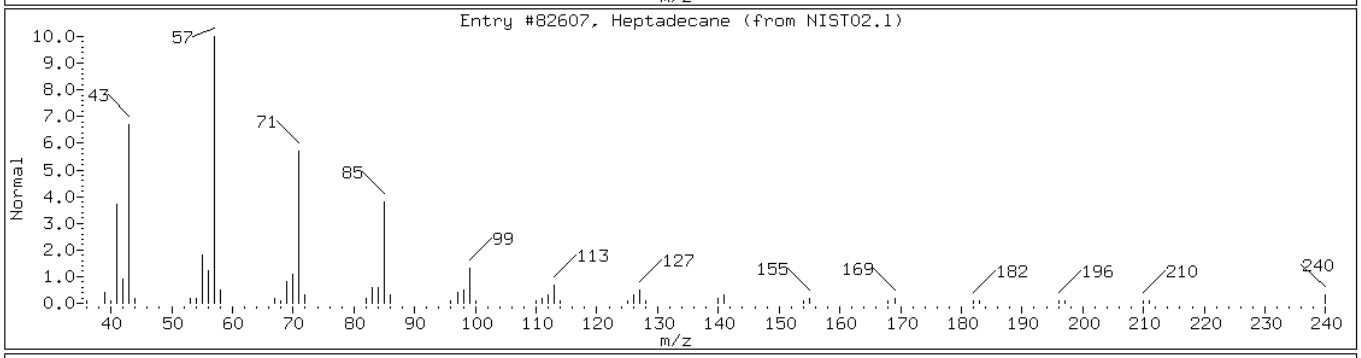
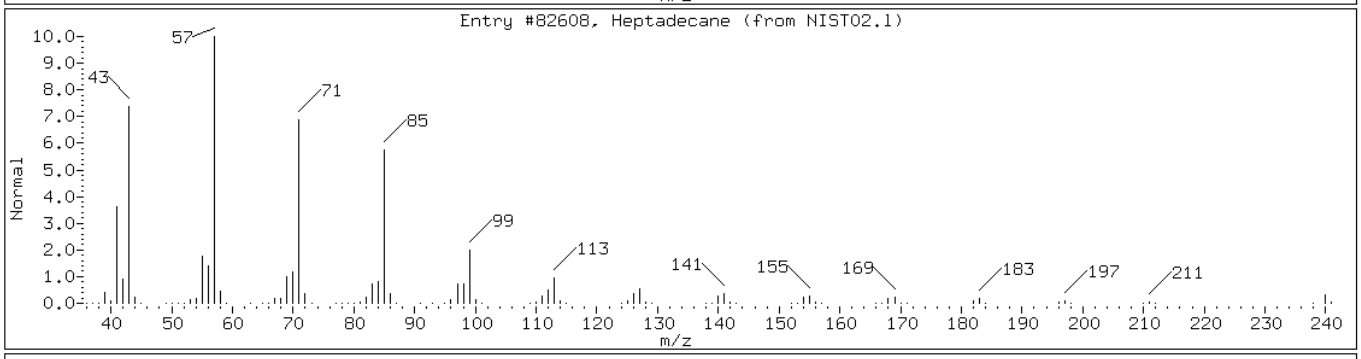
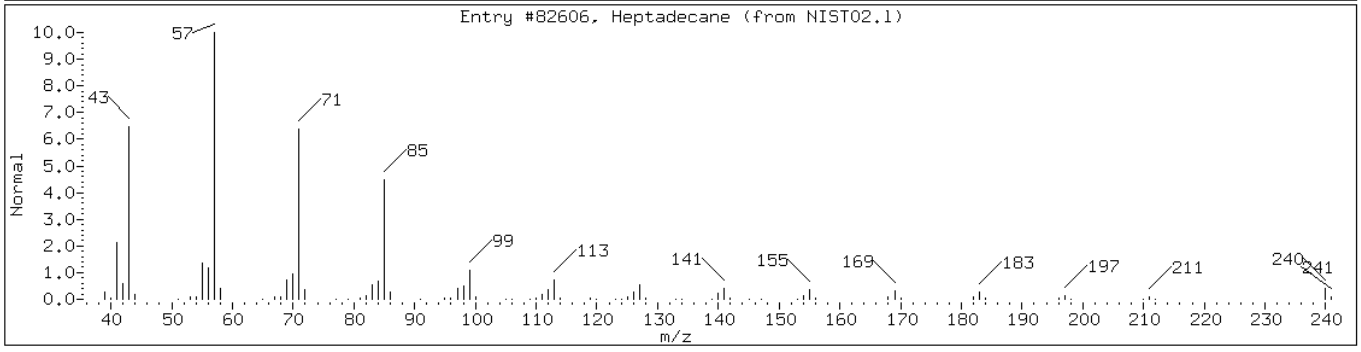
Heptadecane	629-78-7	NIST02.l	82608	96	C17H36	240
Heptadecane	629-78-7	NIST02.l	82606	95	C17H36	240









FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-VS | Lab Sample ID: 460-62993-34

Matrix: Solid | Lab File ID: x5382.d

Analysis Method: 8270C | Date Collected: 09/13/2013 12:45

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 04:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	59	U	350	59
106-44-5	4-Methylphenol	69	U	350	69
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.7	U	35	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
98-95-3	Nitrobenzene	5.0	U	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	42	U	350	42
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	86	U	350	86
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	40	U	350	40
106-47-8	4-Chloroaniline	92	U	350	92
87-68-3	Hexachlorobutadiene	8.5	U	71	8.5
105-60-2	Caprolactam	80	U	350	80
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	710	150
606-20-2	2,6-Dinitrotoluene	11	U	71	11
131-11-3	Dimethyl phthalate	41	U	350	41
208-96-8	Acenaphthylene	41	U	350	41
99-09-2	3-Nitroaniline	120	U	710	120
83-32-9	Acenaphthene	51	U	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-VS | Lab Sample ID: 460-62993-34

Matrix: Solid | Lab File ID: x5382.d

Analysis Method: 8270C | Date Collected: 09/13/2013 12:45

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 04:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1100	220
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	41	U	350	41
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	46	U	350	46
84-74-2	Di-n-butyl phthalate	43	U	350	43
121-14-2	2,4-Dinitrotoluene	11	U	71	11
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
534-52-1	4,6-Dinitro-2-methylphenol	95	U	1100	95
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	54	U	350	54
120-12-7	Anthracene	42	U	350	42
86-74-8	Carbazole	41	U	350	41
85-01-8	Phenanthrene	44	U	350	44
87-86-5	Pentachlorophenol	100	U	1100	100
129-00-0	Pyrene	29	U	350	29
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	7.1	J	35	2.6
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	14	J	35	2.2
50-32-8	Benzo[a]pyrene	9.7	J	35	2.5
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	350	34
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	7.9	J	35	6.5
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U *	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	45	U *	350	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-VS Lab Sample ID: 460-62993-34

Matrix: Solid Lab File ID: x5382.d

Analysis Method: 8270C Date Collected: 09/13/2013 12:45

Extract. Method: 3541 Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/19/2013 04:28

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	88		38-105
4165-62-2	Phenol-d5	83		41-118
1718-51-0	Terphenyl-d14	81		16-151
118-79-6	2,4,6-Tribromophenol	69		10-120
367-12-4	2-Fluorophenol	72		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-VS | Lab Sample ID: 460-62993-34

Matrix: Solid | Lab File ID: x5382.d

Analysis Method: 8270C | Date Collected: 09/13/2013 12:45

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 04:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

Number TICs Found: 9 | TIC Result Total: 3940

CAS NO.	COMPOUND NAME	RT	RESULT	Q
511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,10-octa	9.90	310	J N
122-69-0	Cinnamyl cinnamate	10.25	330	J N
14021-23-9	D-Friedoolean-14-ene, 3-methoxy-, (3.bet	13.62	1000	J N
	Unknown-1	13.86	380	J
	Unknown-2	13.98	300	J
83-46-5	.beta.-Sitosterol	14.13	390	J N
300574-36-1	5-Bromo-4-oxo-4,5,6,7-tetrahydrobenzofur	14.18	610	J N
	Unknown-3	14.29	330	J
1058-61-3	Stigmast-4-en-3-one	14.62	290	J N

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5382.d
Report Date: 19-Sep-2013 15:05

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5382.d
Lab Smp Id: 460-62993-E-34-B Client Smp ID: PMP-31SE-VS
Inj Date : 19-SEP-2013 04:28
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-62993-E-34-B
Misc Info : 460-62993-E-34-B
Comment   :
Method   : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/8270C_11.m
Meth Date : 18-Sep-2013 19:15 ranav Quant Type: ISTD
Cal Date : 10-SEP-2013 18:50 Cal File: x5049.d
Als bottle: 23
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	5.05226	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.223	2.188	(0.653)	1025722	71.8158	5000
$ 17 Phenol-d5 (SUR)	99	3.088	3.099	(0.907)	1357256	83.3312	5800
* 79 1,4-Dichlorobenzene-d4	152	3.405	3.405	(1.000)	432976	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.976	3.993	(0.845)	632267	44.1279	3100
* 80 Naphthalene-d8	136	4.705	4.711	(1.000)	1517989	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.811	5.817	(0.901)	1066469	44.0440	3100
* 82 Acenaphthene-d10	164	6.452	6.458	(1.000)	662771	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.229	7.234	(1.120)	211348	69.1179	4800
115 n-Octadecane	57	7.864	7.870	(0.996)	2080	0.25017	18(a)
* 83 Phenanthrene-d10	188	7.893	7.899	(1.000)	643818	40.0000	
52 Phenanthrene	178	7.911	7.923	(1.002)	2006	0.10876	7.6(a)
56 Fluoranthene	202	9.070	9.075	(1.149)	2412	0.16481	12(a)
57 Pyrene	202	9.281	9.287	(0.886)	2647	0.16308	11(a)

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5382.d
Report Date: 19-Sep-2013 15:05

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 78 Terphenyl-d14	244	9.470	9.470	(0.904)	456354	40.5130	2800
* 81 Chrysene-d12	240	10.476	10.487	(1.000)	364526	40.0000	
62 Chrysene	228	10.499	10.511	(1.002)	1614	0.15687	11(a)
65 Benzo(b)fluoranthene	252	11.664	11.669	(0.962)	1790	0.19294	14(a)
66 Benzo(k)fluoranthene	252	11.693	11.705	(0.965)	1026	0.10113	7.1(aM)
67 Benzo(a)pyrene	252	12.046	12.058	(0.994)	1100	0.13874	9.7(a)
* 84 Perylene-d12	264	12.122	12.122	(1.000)	330564	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.434	13.440	(1.108)	753	0.11274	7.9(a)
70 Benzo(g,h,i)perylene	276	13.746	13.757	(1.134)	1120	0.14527	10(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: x5382.d

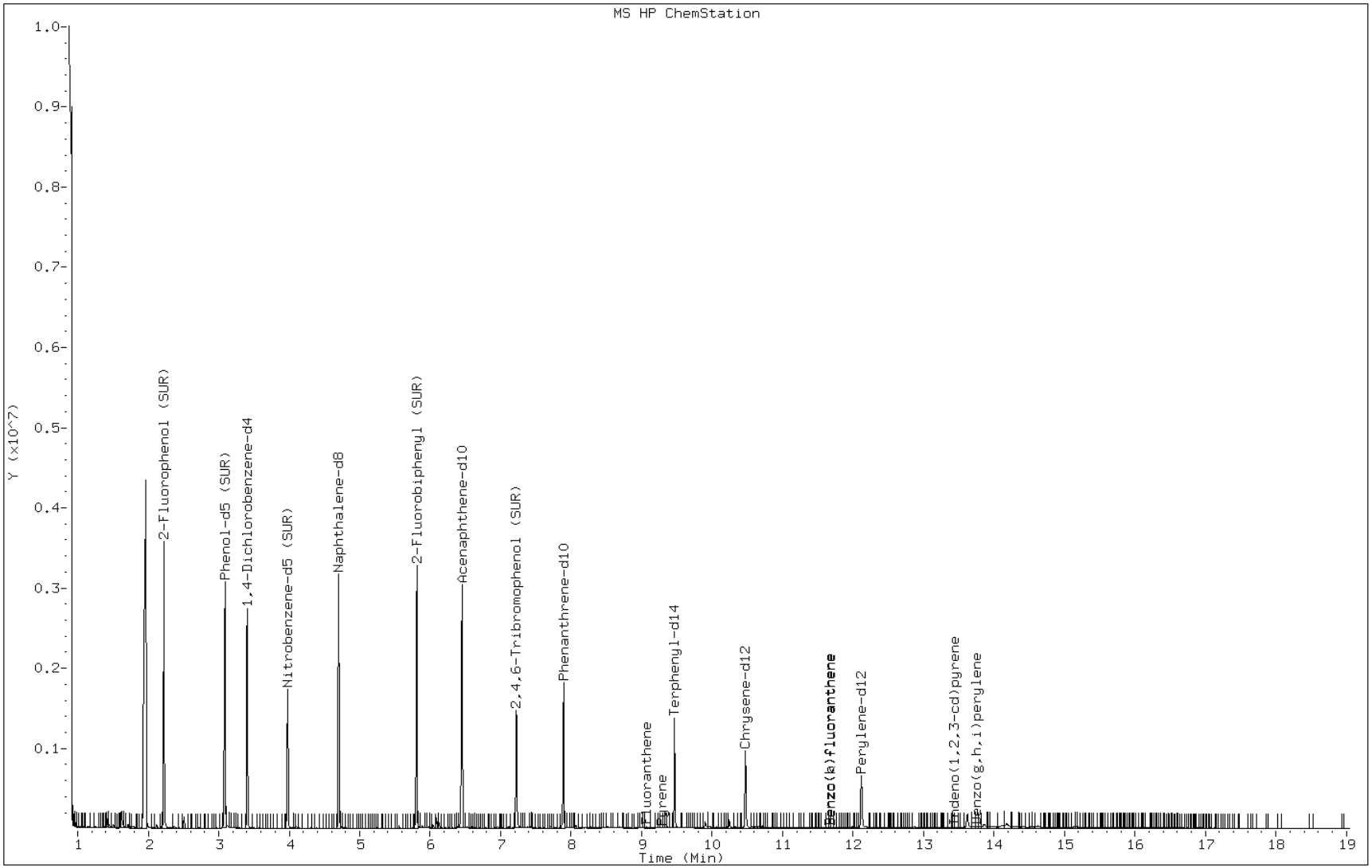
Date: 19-SEP-2013 04:28

Client ID: PMP-31SE-VS

Instrument: BNAMS5.i

Sample Info: 460-62993-E-34-B

Operator: BNAMS 4



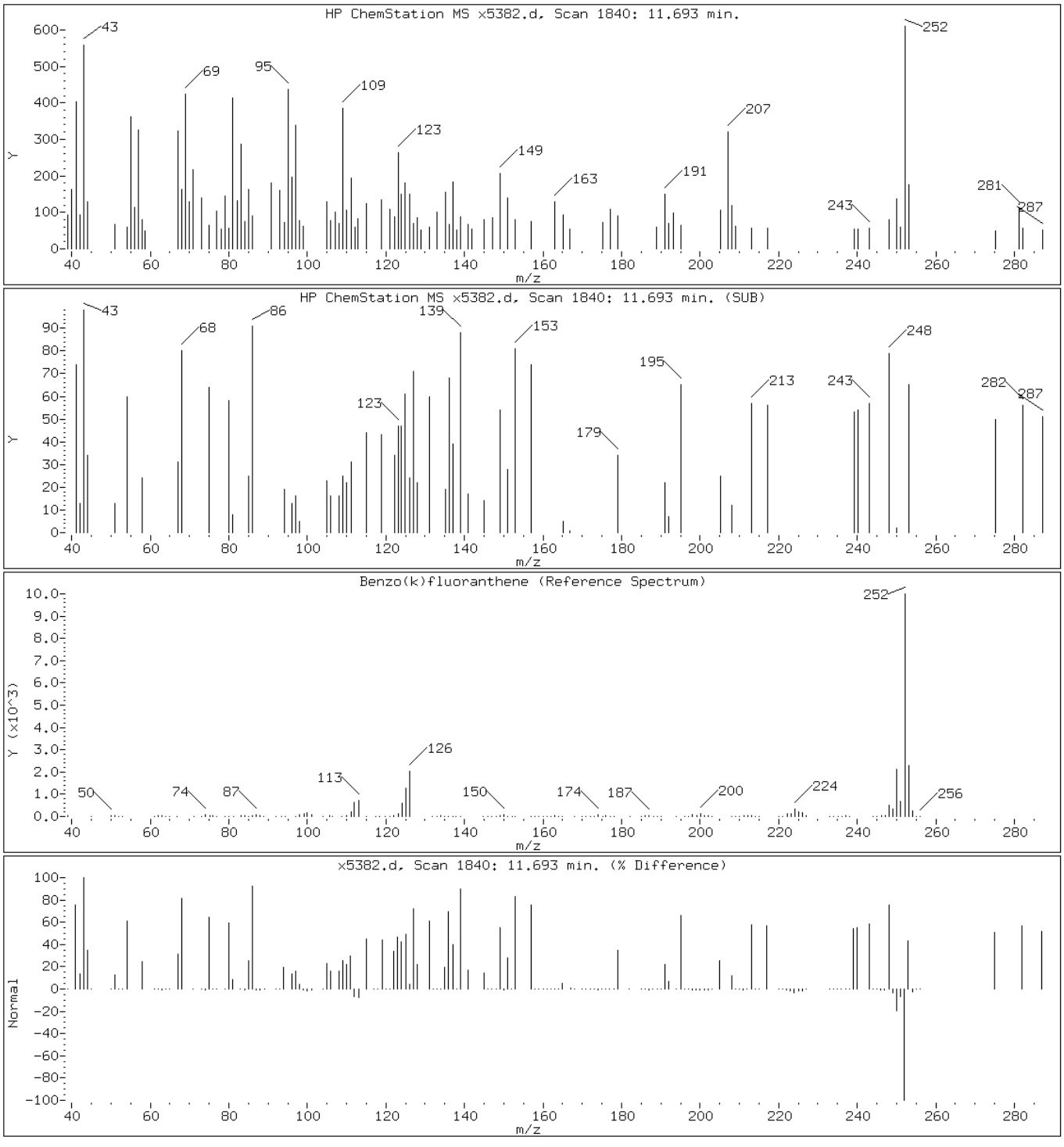
Data File: x5382.d

Date: 19-SEP-2013 04:28

Client ID: PMP-31SE-VS Instrument: BNAMS5.i

Sample Info: 460-62993-E-34-B Operator: BNAMS 4

66 Benzo(k)fluoranthene



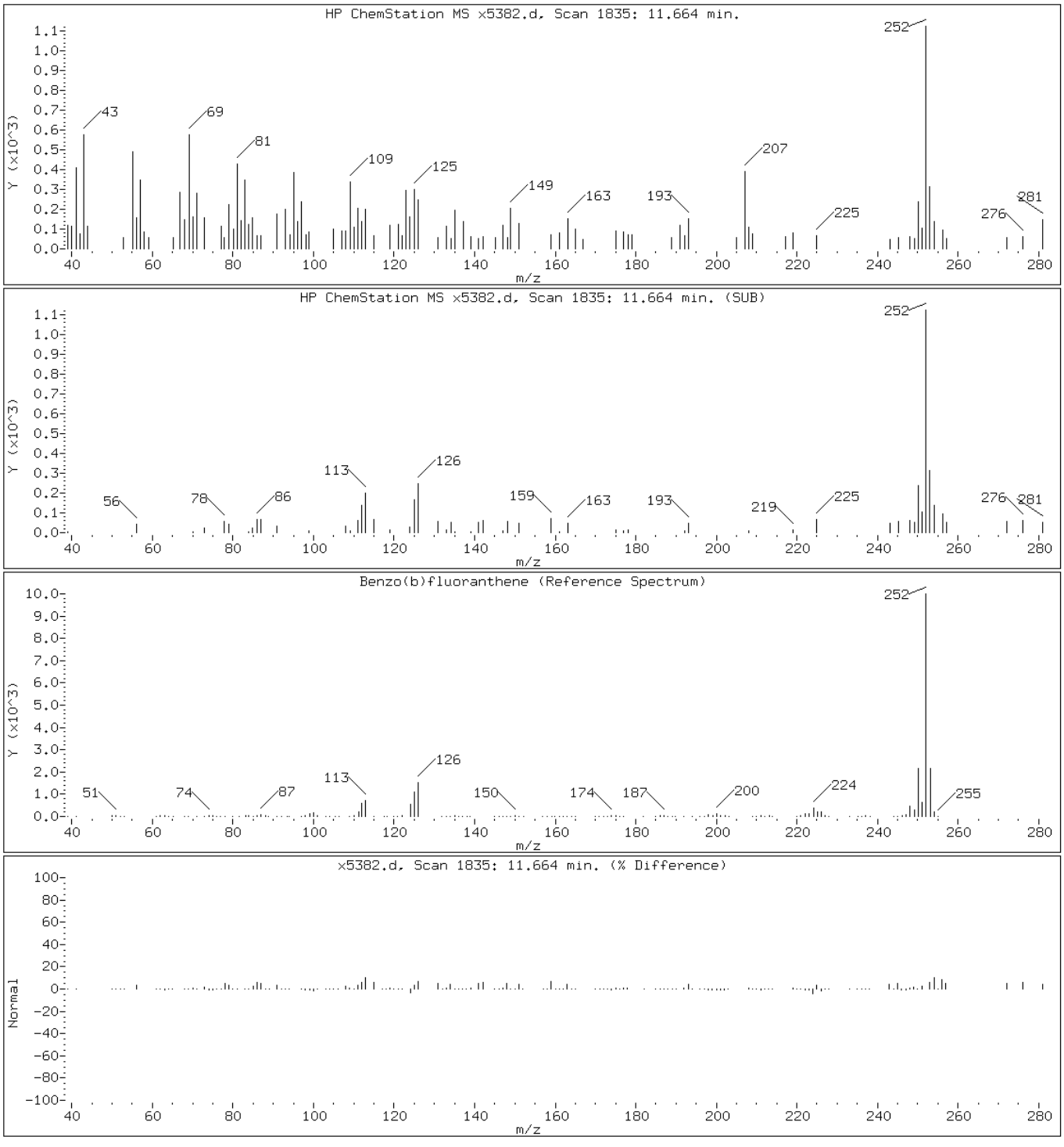
Data File: x5382.d

Date: 19-SEP-2013 04:28

Client ID: PMP-31SE-VS Instrument: BNAMS5.i

Sample Info: 460-62993-E-34-B Operator: BNAMS 4

65 Benzo(b)fluoranthene



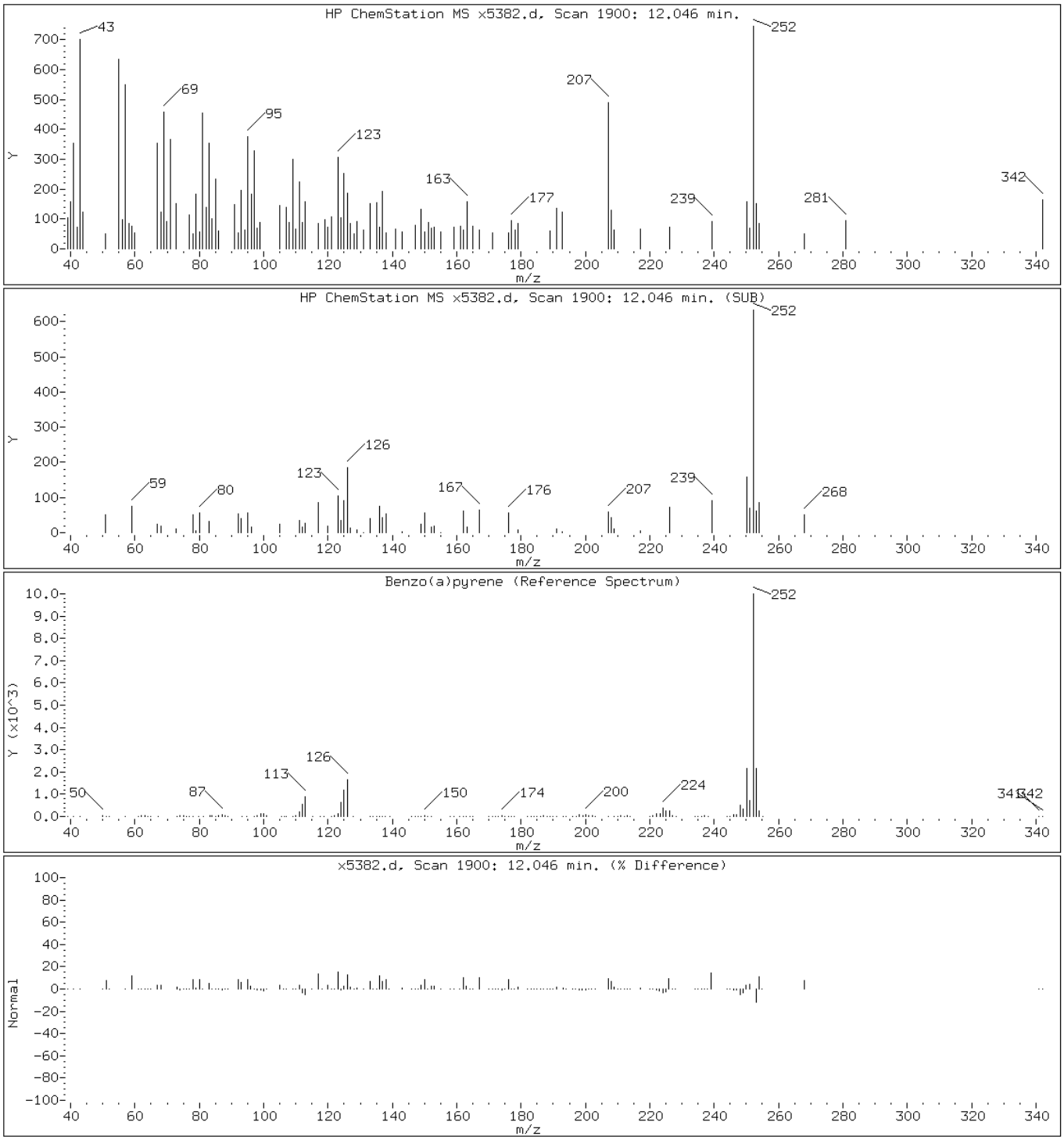
Data File: x5382.d

Date: 19-SEP-2013 04:28

Client ID: PMP-31SE-VS Instrument: BNAMS5.i

Sample Info: 460-62993-E-34-B Operator: BNAMS 4

67 Benzo(a)pyrene



Data File: x5382.d

Date: 19-SEP-2013 04:28

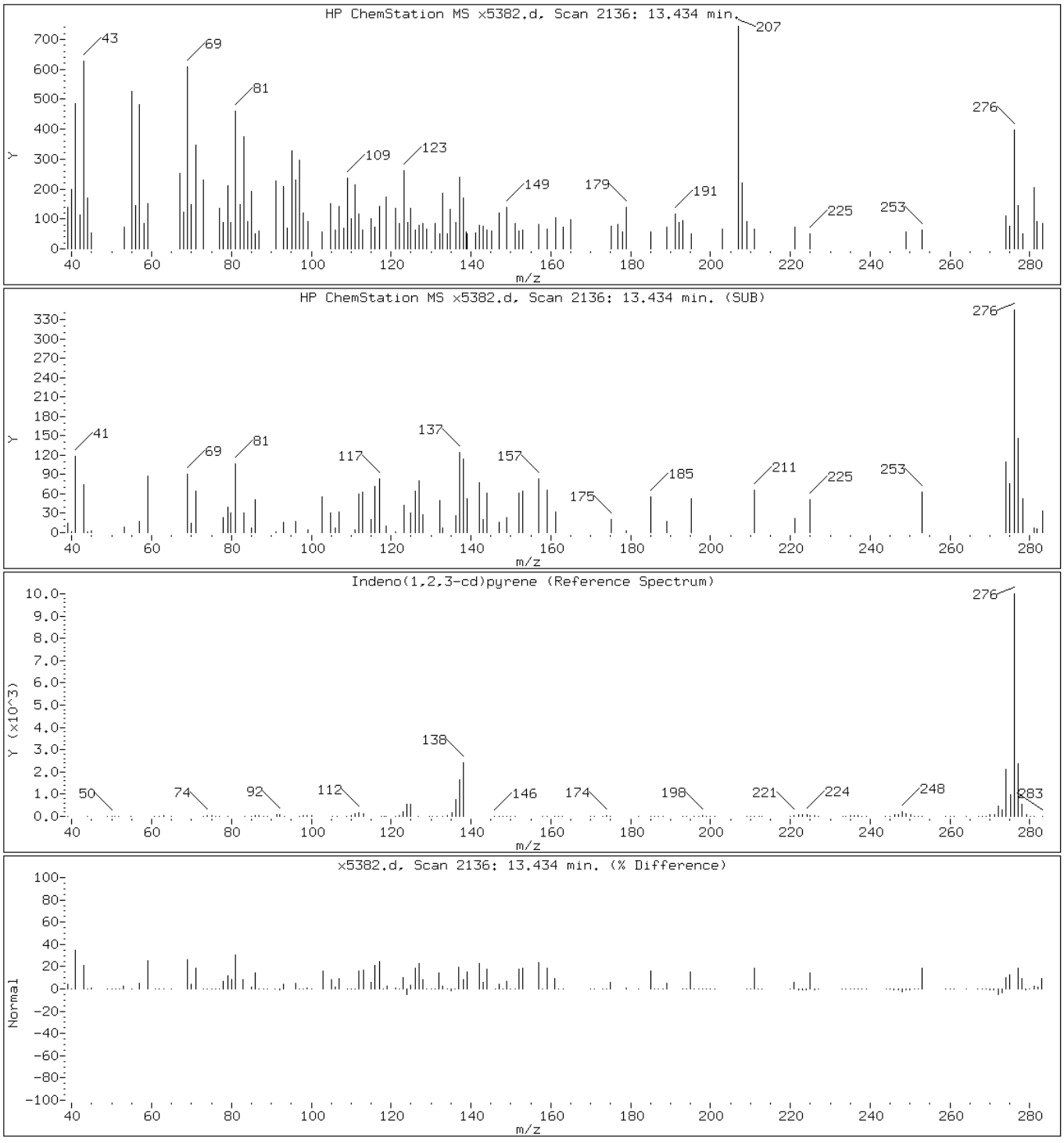
Client ID: PMP-31SE-VS

Instrument: BNAMS5.i

Sample Info: 460-62993-E-34-B

Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



Manual Integration Report

Data File: x5382.d
Inj. Date and Time: 19-SEP-2013 04:28
Instrument ID: BNAMS5.i
Client ID: PMP-31SE-VS
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 09/19/2013

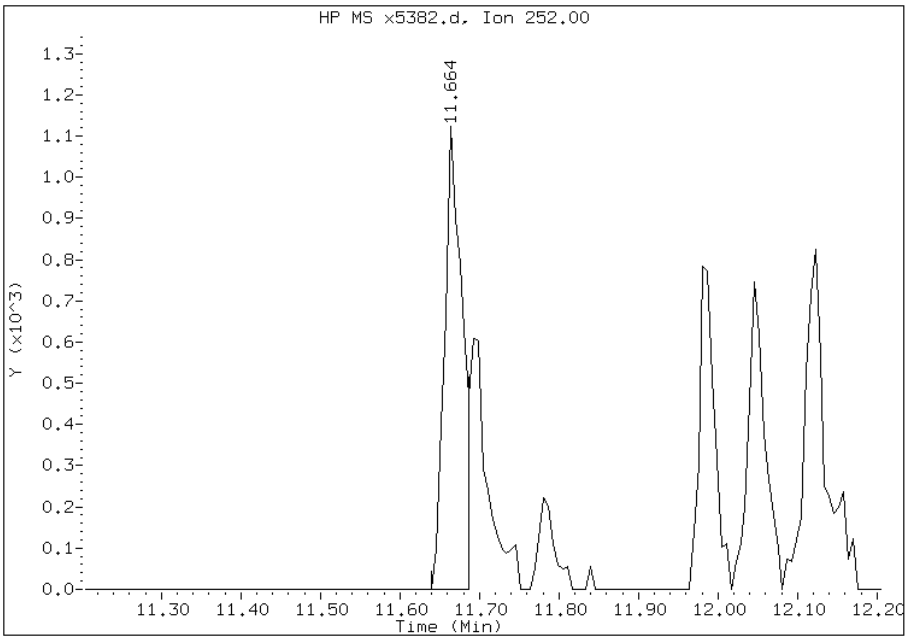
Processing Integration Results

RT: 11.66

Response: 1790

Amount: 0

Conc: 12



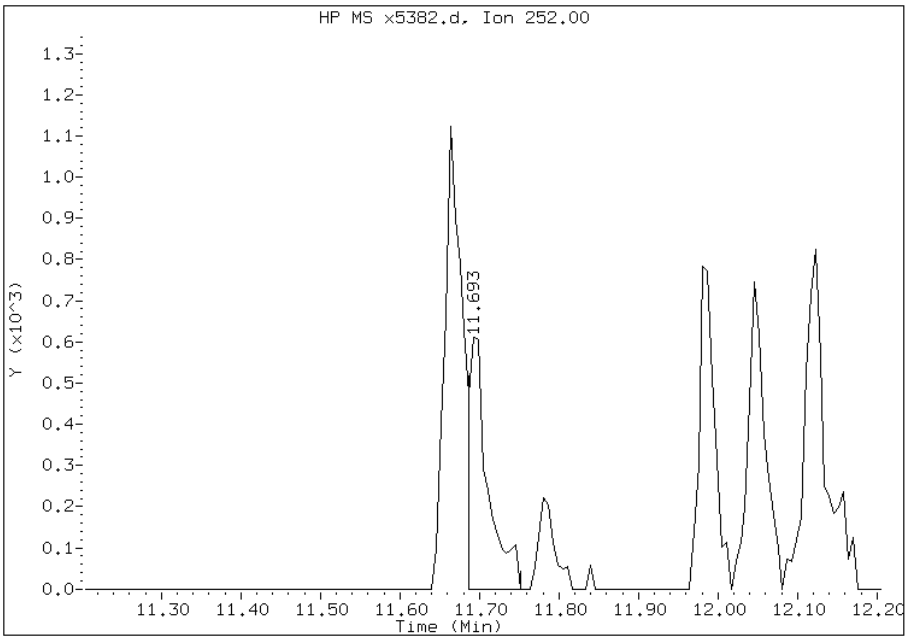
Manual Integration Results

RT: 11.69

Response: 1026

Amount: 0

Conc: 7



Manually Integrated By: wahied
Manual Integration Reason: Analyte Misidentified by the Data System

Data File: x5382.d

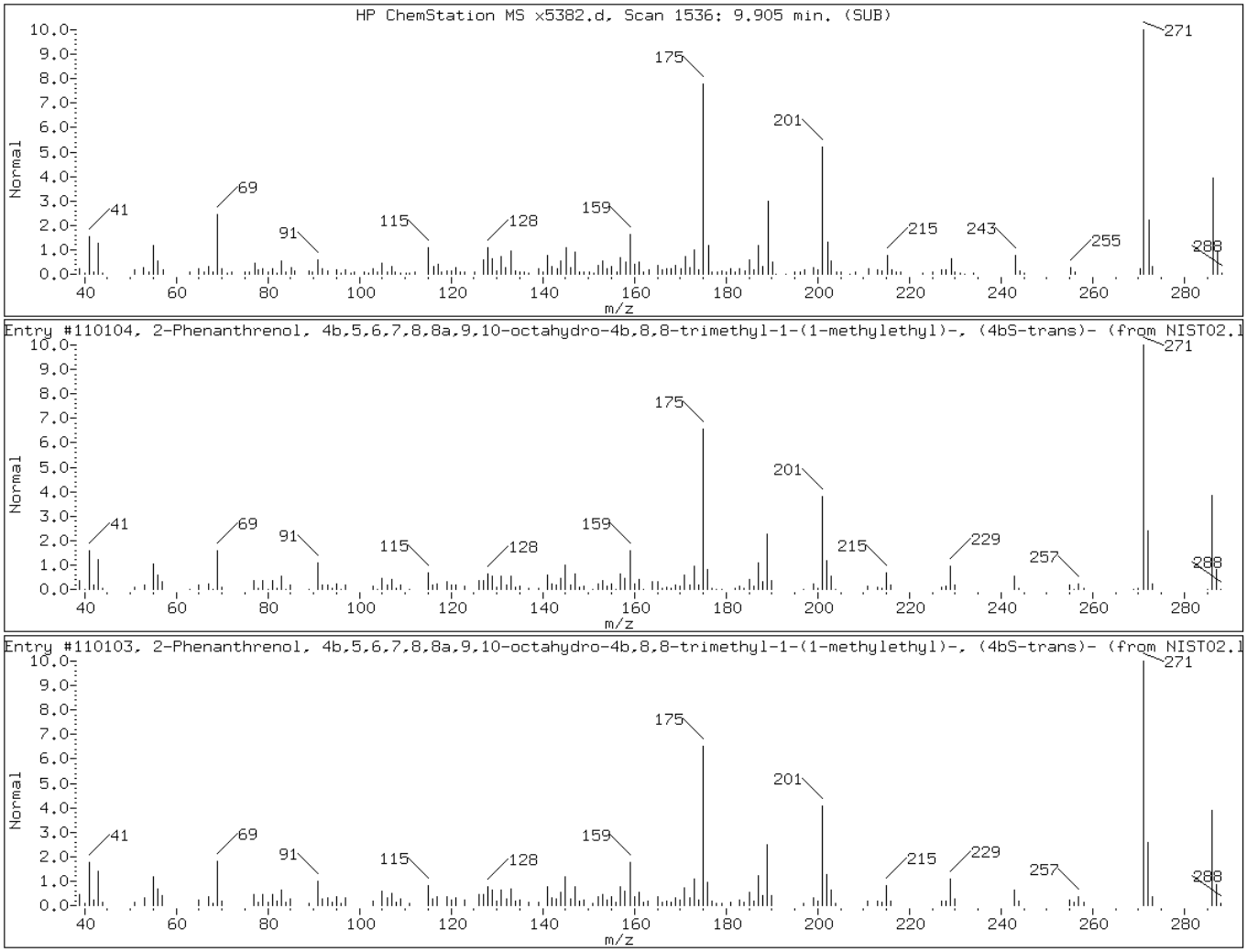
Date: 19-SEP-2013 04:28

Client ID: PMP-31SE-VS Instrument: BNAMS5.i

Sample Info: 460-62993-E-34-B Operator: BNAMS 4

Retention Time: 9.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	511-15-9	NIST02.l	110104	97	C20H30O	286
2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	511-15-9	NIST02.l	110103	93	C20H30O	286



Data File: x5382.d

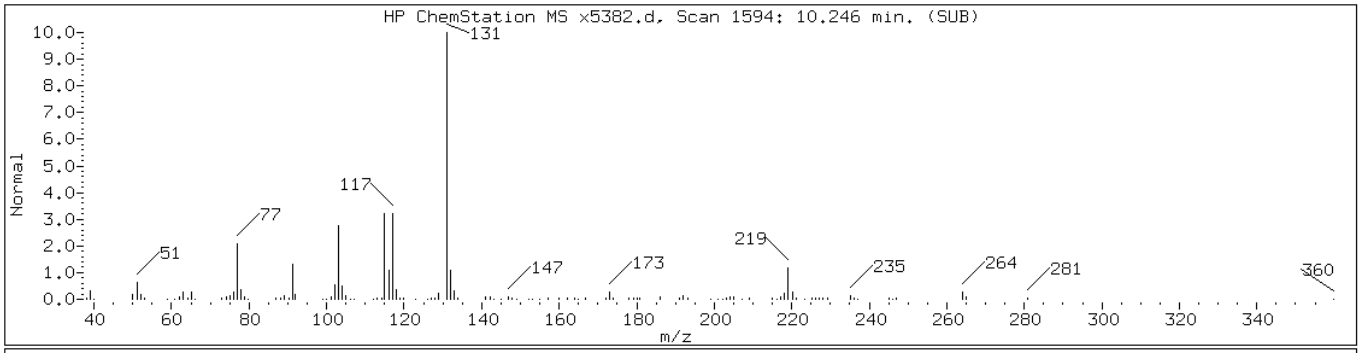
Date: 19-SEP-2013 04:28

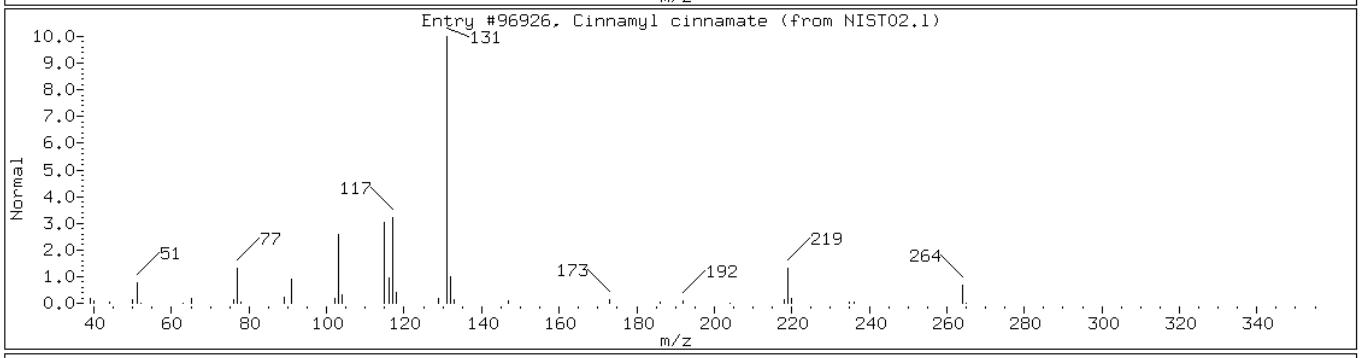
Client ID: PMP-31SE-VS Instrument: BNAMS5.i

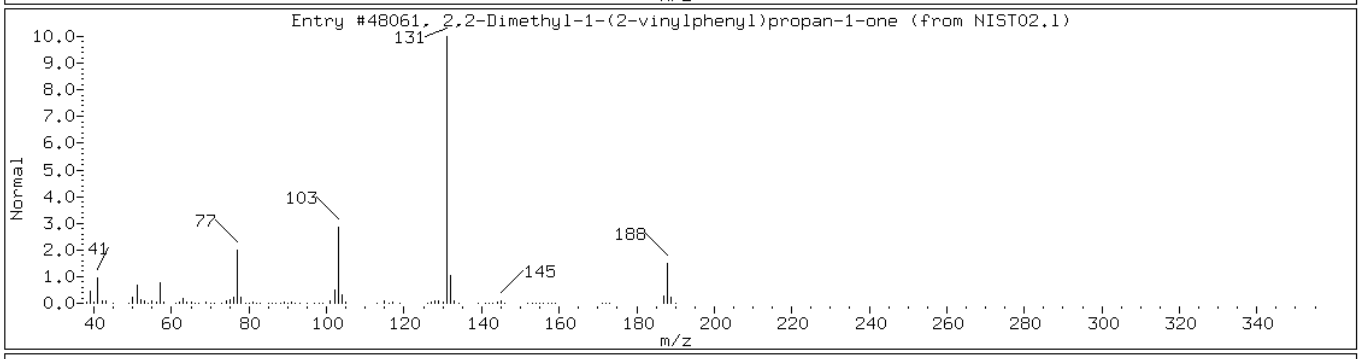
Sample Info: 460-62993-E-34-B Operator: BNAMS 4

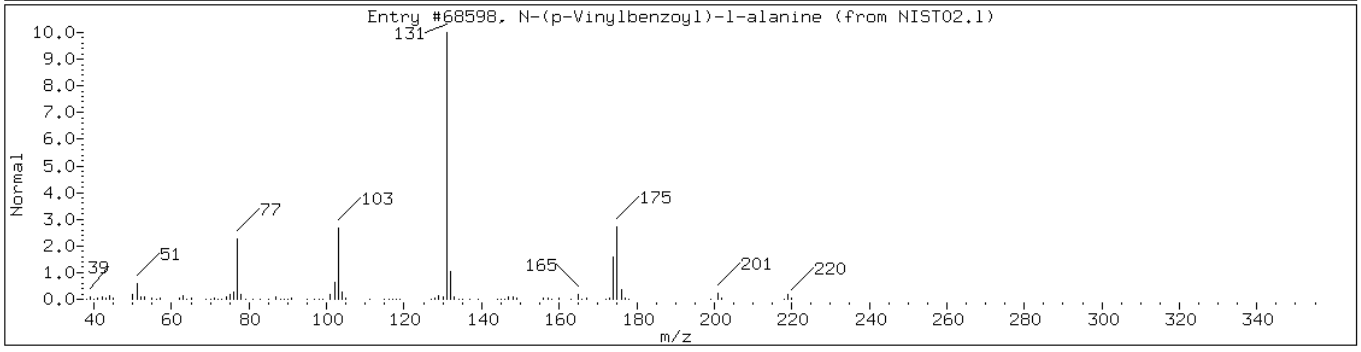
Retention Time: 10.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cinnamyl cinnamate	122-69-0	NIST02.l	96926	86	C18H16O2	264
2,2-Dimethyl-1-(2-vinylphenyl)prop	1000210-99-9	NIST02.l	48061	52	C13H16O	188
N-(p-Vinylbenzoyl)-l-alanine	139184-60-4	NIST02.l	68598	50	C12H13NO3	219









Data File: x5382.d

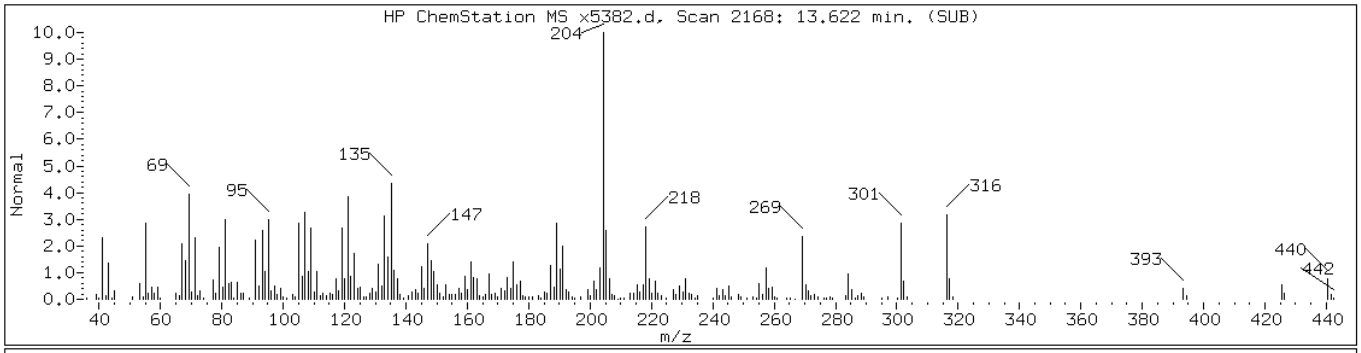
Date: 19-SEP-2013 04:28

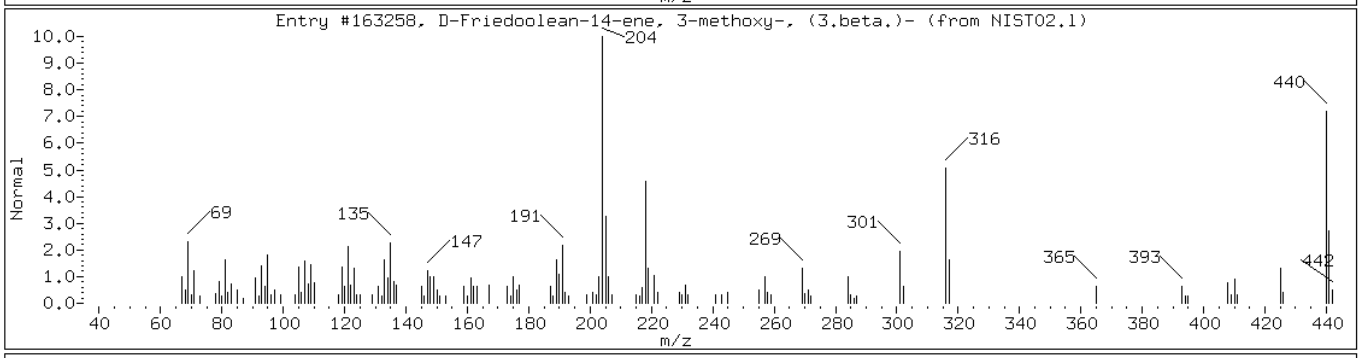
Client ID: PMP-31SE-VS Instrument: BNAMS5.i

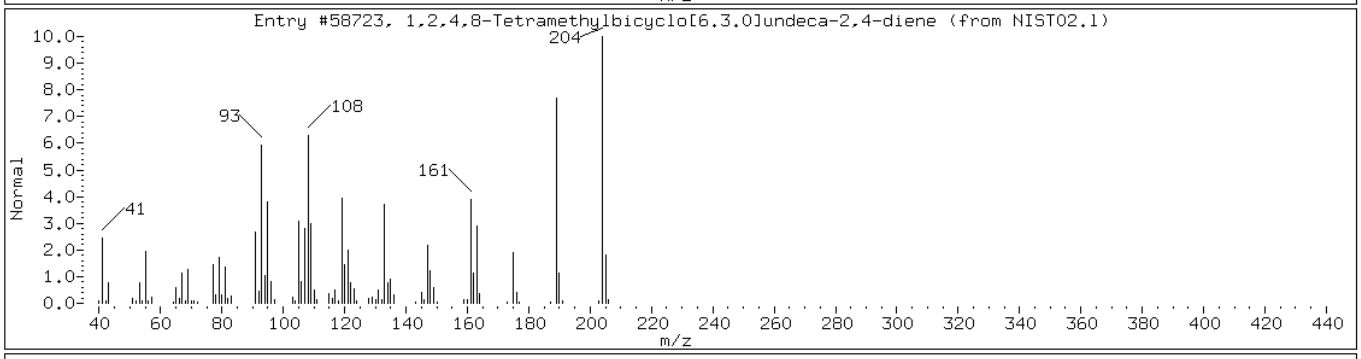
Sample Info: 460-62993-E-34-B Operator: BNAMS 4

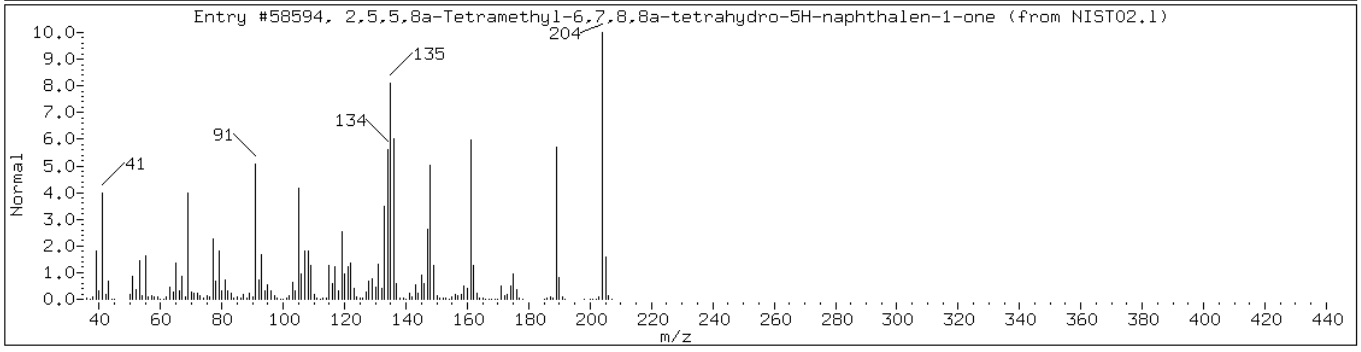
Retention Time: 13.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
D-Friedoolean-14-ene, 3-methoxy-,	14021-23-9	NIST02.l	163258	86	C31H52O	440
1,2,4,8-Tetramethylbicyclo[6.3.0]u	137235-51-9	NIST02.l	58723	49	C15H24	204
2,5,5,8a-Tetramethyl-6,7,8,8a-tetr	124957-09-1	NIST02.l	58594	49	C14H20O	204









Data File: x5382.d

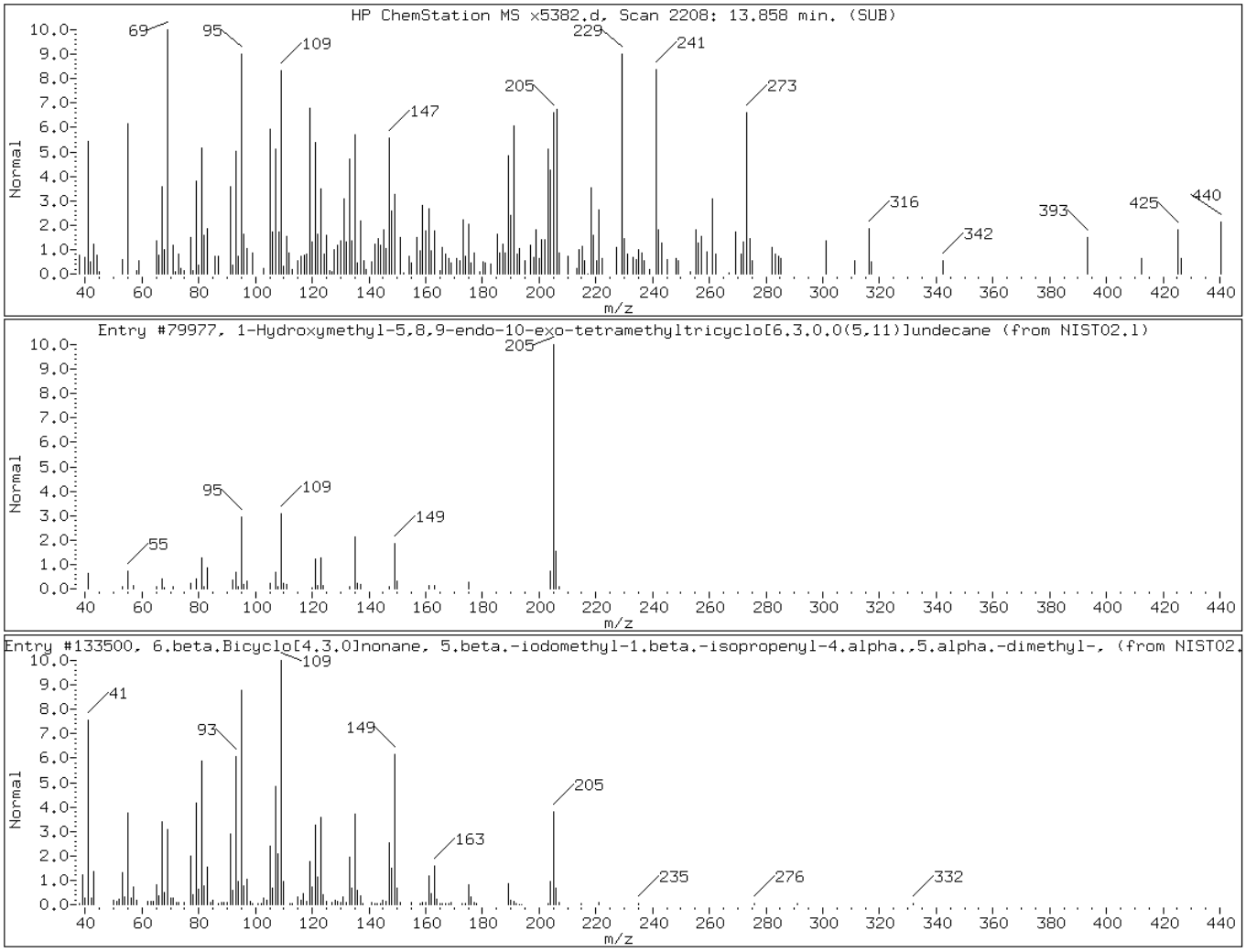
Date: 19-SEP-2013 04:28

Client ID: PMP-31SE-VS Instrument: BNAMS5.i

Sample Info: 460-62993-E-34-B Operator: BNAMS 4

Retention Time: 13.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
1-Hydroxymethyl-5,8,9-endo-10-exo-	1000140-32-9	NIST02.l	79977	27	C16H28O	236
6.beta.Bicyclo[4.3.0]nonane, 5.bet	1000195-85-9	NIST02.l	133500	22	C15H25I	332



Data File: x5382.d

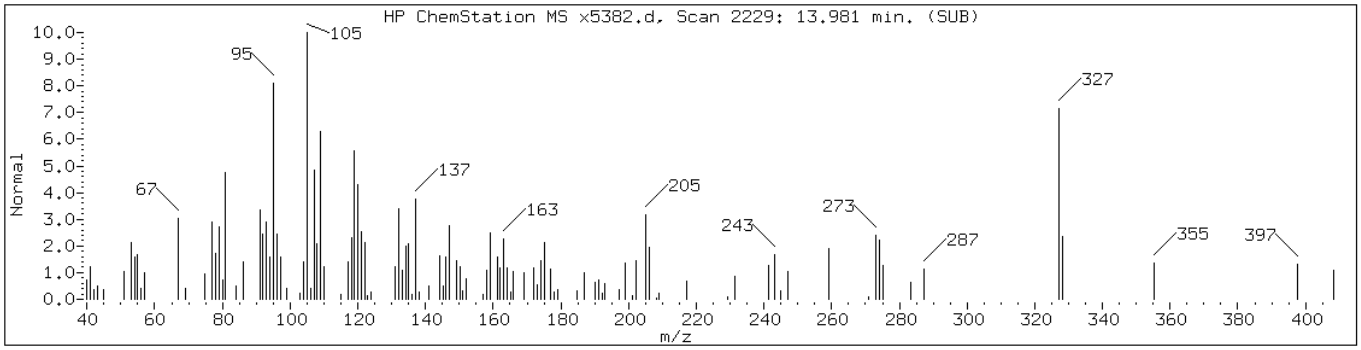
Date: 19-SEP-2013 04:28

Client ID: PMP-31SE-VS Instrument: BNAMS5.i

Sample Info: 460-62993-E-34-B Operator: BNAMS 4

Retention Time: 13.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Unknown						



Data File: x5382.d

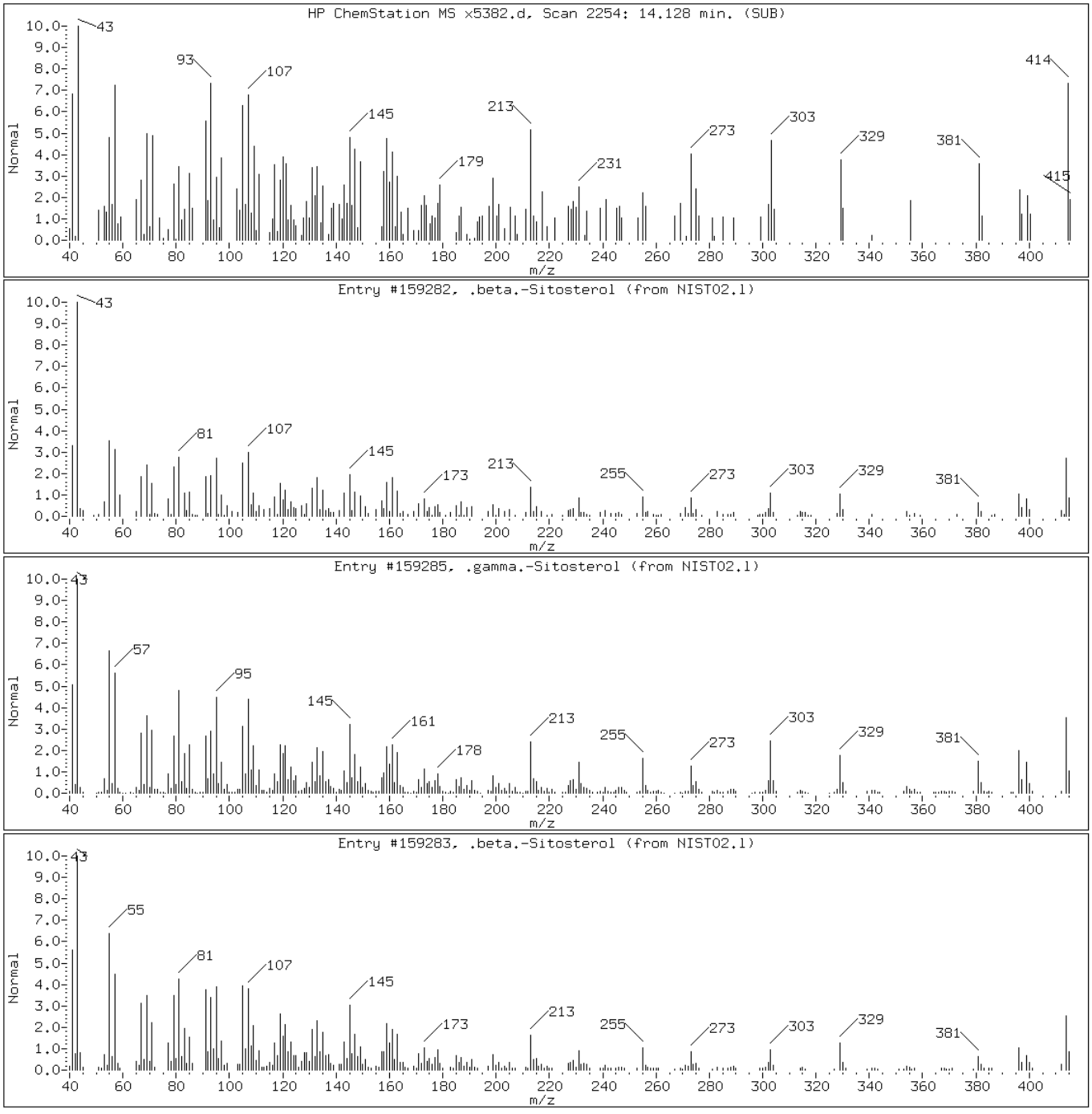
Date: 19-SEP-2013 04:28

Client ID: PMP-31SE-VS Instrument: BNAMS5.i

Sample Info: 460-62993-E-34-B Operator: BNAMS 4

Retention Time: 14.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
.beta.-Sitosterol	83-46-5	NIST02.l	159282	91	C29H50O	414
.gamma.-Sitosterol	83-47-6	NIST02.l	159285	86	C29H50O	414
.beta.-Sitosterol	83-46-5	NIST02.l	159283	78	C29H50O	414



Data File: x5382.d

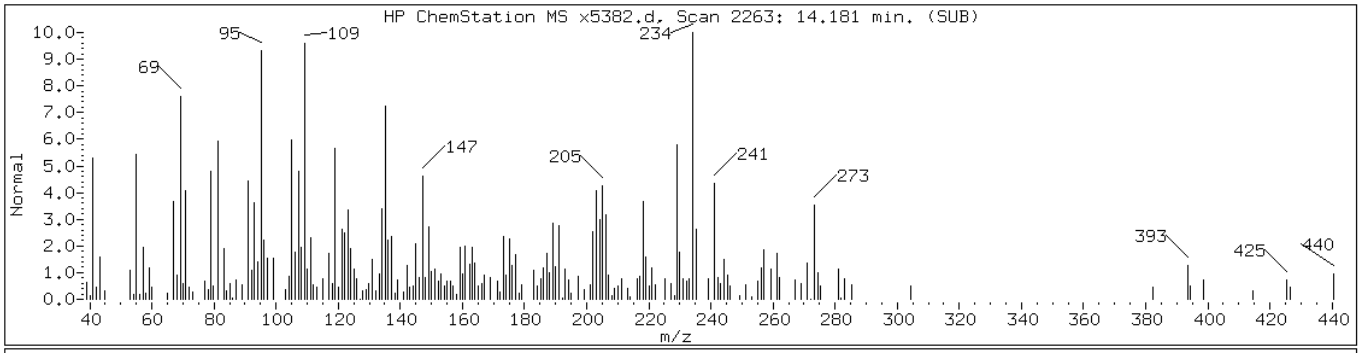
Date: 19-SEP-2013 04:28

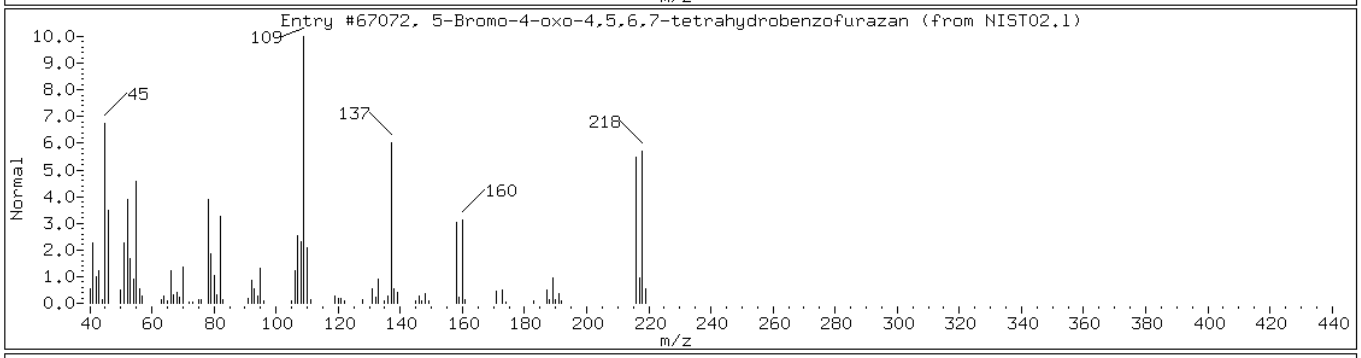
Client ID: PMP-31SE-VS Instrument: BNAMS5.i

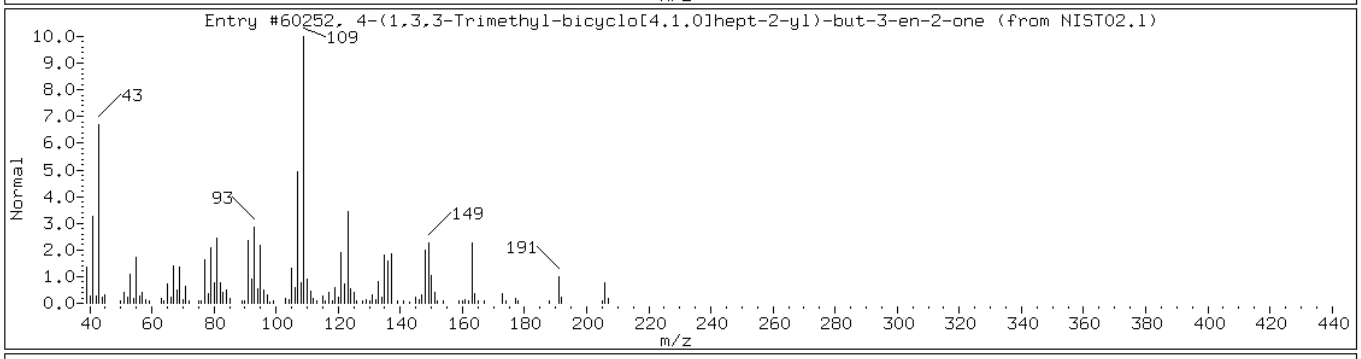
Sample Info: 460-62993-E-34-B Operator: BNAMS 4

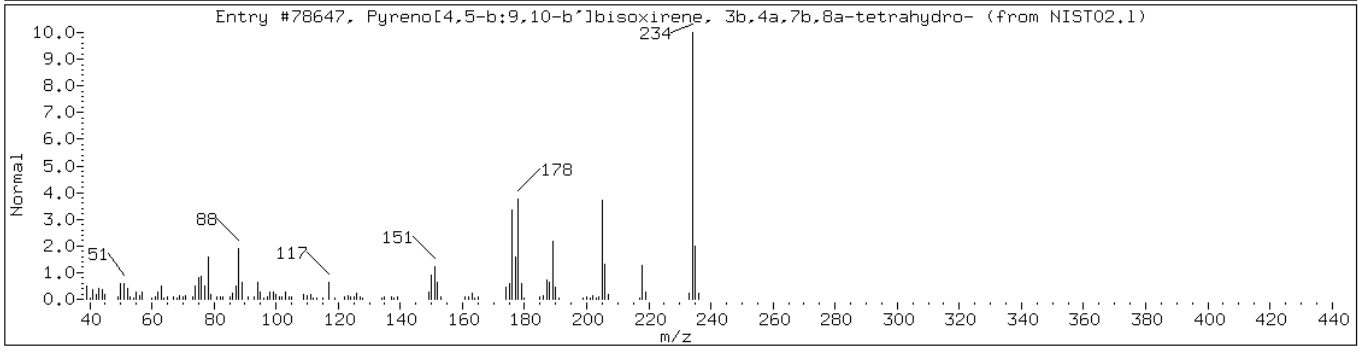
Retention Time: 14.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
5-Bromo-4-oxo-4,5,6,7-tetrahydrobe	300574-36-1	NIST02.l	67072	90	C6H5BrN2O2	216
4-(1,3,3-Trimethyl-bicyclo[4.1.0]h	77143-31-8	NIST02.l	60252	42	C14H22O	206
Pyreno[4,5-b:9,10-b']bisoxirene, 3	55400-88-9	NIST02.l	78647	38	C16H10O2	234









Data File: x5382.d

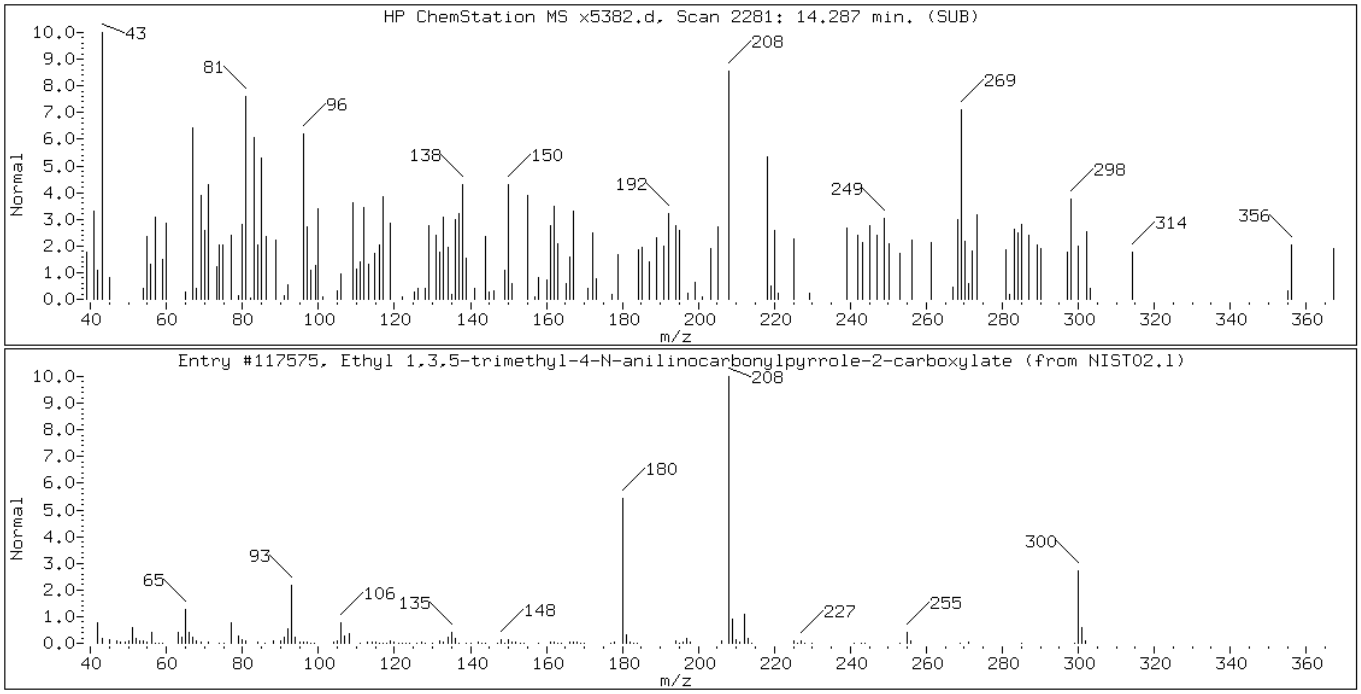
Date: 19-SEP-2013 04:28

Client ID: PMP-31SE-VS Instrument: BNAMS5.i

Sample Info: 460-62993-E-34-B Operator: BNAMS 4

Retention Time: 14.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Ethyl 1,3,5-trimethyl-4-N-anilinoc	110521-29-4	NIST02.l	117575	22	C17H20N2O3	300



Data File: x5382.d

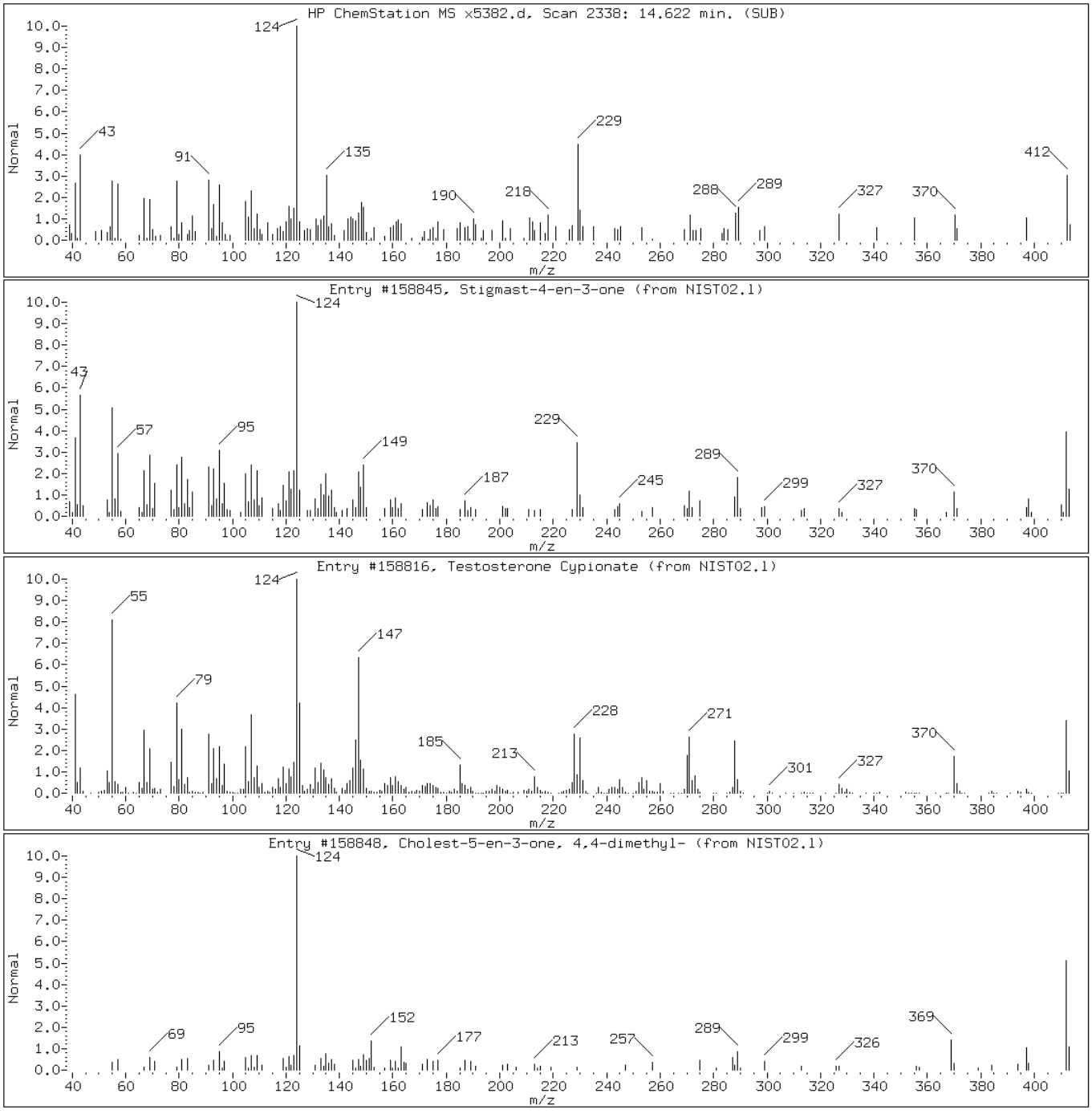
Date: 19-SEP-2013 04:28

Client ID: PMP-31SE-VS Instrument: BNAMS5.i

Sample Info: 460-62993-E-34-B Operator: BNAMS 4

Retention Time: 14.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Stigmast-4-en-3-one	1058-61-3	NIST02.l	158845	87	C29H48O	412
Testosterone Cypionate	58-20-8	NIST02.l	158816	30	C27H40O3	412
Cholest-5-en-3-one, 4,4-dimethyl-	2220-42-0	NIST02.l	158848	30	C29H48O	412



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-VD | Lab Sample ID: 460-62993-35

Matrix: Solid | Lab File ID: x5371.d

Analysis Method: 8270C | Date Collected: 09/13/2013 12:50

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.01(g) | Date Analyzed: 09/18/2013 23:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	60	U	350	60
106-44-5	4-Methylphenol	69	U	350	69
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
98-95-3	Nitrobenzene	5.0	U	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	42	U	350	42
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	86	U	350	86
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	40	U	350	40
106-47-8	4-Chloroaniline	92	U	350	92
87-68-3	Hexachlorobutadiene	8.5	U	71	8.5
105-60-2	Caprolactam	80	U	350	80
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	710	150
606-20-2	2,6-Dinitrotoluene	11	U	71	11
131-11-3	Dimethyl phthalate	41	U	350	41
208-96-8	Acenaphthylene	41	U	350	41
99-09-2	3-Nitroaniline	120	U	710	120
83-32-9	Acenaphthene	51	U	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-VD | Lab Sample ID: 460-62993-35

Matrix: Solid | Lab File ID: x5371.d

Analysis Method: 8270C | Date Collected: 09/13/2013 12:50

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.01(g) | Date Analyzed: 09/18/2013 23:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1100	220
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	47	U	350	47
84-74-2	Di-n-butyl phthalate	43	U	350	43
121-14-2	2,4-Dinitrotoluene	12	U	71	12
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
534-52-1	4,6-Dinitro-2-methylphenol	95	U	1100	95
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	54	U	350	54
120-12-7	Anthracene	42	U	350	42
86-74-8	Carbazole	41	U	350	41
85-01-8	Phenanthrene	44	U	350	44
87-86-5	Pentachlorophenol	100	U	1100	100
129-00-0	Pyrene	29	U	350	29
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.6	U	35	2.6
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	350	34
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U *	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	45	U *	350	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-VD | Lab Sample ID: 460-62993-35

Matrix: Solid | Lab File ID: x5371.d

Analysis Method: 8270C | Date Collected: 09/13/2013 12:50

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.01(g) | Date Analyzed: 09/18/2013 23:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	76		38-105
4165-62-2	Phenol-d5	86		41-118
1718-51-0	Terphenyl-d14	85		16-151
118-79-6	2,4,6-Tribromophenol	74		10-120
367-12-4	2-Fluorophenol	69		37-125
321-60-8	2-Fluorobiphenyl	79		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-VD Lab Sample ID: 460-62993-35

Matrix: Solid Lab File ID: x5371.d

Analysis Method: 8270C Date Collected: 09/13/2013 12:50

Extract. Method: 3541 Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 23:47

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 990

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	9.51	990	J

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5371.d
Report Date: 19-Sep-2013 12:30

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5371.d
Lab Smp Id: 460-62993-E-35-B Client Smp ID: PMP-31SE-VD
Inj Date : 18-SEP-2013 23:47
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-62993-E-35-B
Misc Info : 460-62993-E-35-B
Comment   :
Method   : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/8270C_11.m
Meth Date : 18-Sep-2013 19:15 ranav Quant Type: ISTD
Cal Date : 10-SEP-2013 18:50 Cal File: x5049.d
Als bottle: 12
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	15.01000	Weight of sample extracted (g)
M	5.29101	% Moisture

Cpnd Variable Local Compound Variable

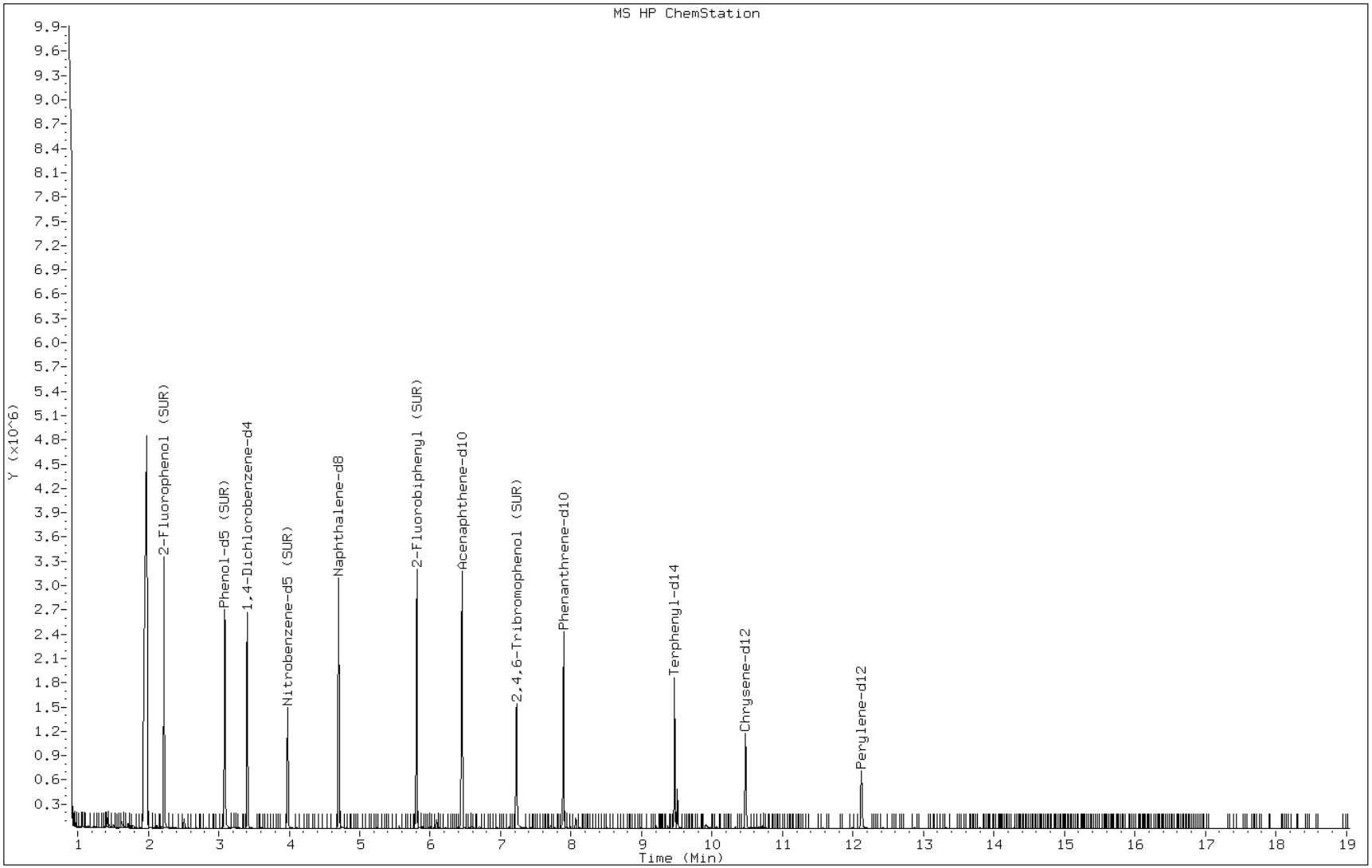
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.223	2.188	(0.653)	938456	68.9984	4800
$ 17 Phenol-d5 (SUR)	99	3.088	3.099	(0.907)	1339836	86.3838	6100
* 79 1,4-Dichlorobenzene-d4	152	3.405	3.405	(1.000)	412315	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.976	3.993	(0.845)	527723	37.7606	2600
* 80 Naphthalene-d8	136	4.705	4.711	(1.000)	1480635	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.811	5.817	(0.901)	1050901	39.6480	2800
* 82 Acenaphthene-d10	164	6.452	6.458	(1.000)	725509	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.229	7.234	(1.120)	246230	73.5621	5200
* 83 Phenanthrene-d10	188	7.893	7.899	(1.000)	867810	40.0000	
$ 78 Terphenyl-d14	244	9.470	9.470	(0.904)	594152	42.4191	3000
* 81 Chrysene-d12	240	10.476	10.487	(1.000)	453270	40.0000	
* 84 Perylene-d12	264	12.122	12.122	(1.000)	369066	40.0000	

Data File: x5371.d

Date: 18-SEP-2013 23:47

Client ID: PMP-31SE-VD Instrument: BNAMS5.i

Sample Info: 460-62993-E-35-B Operator: BNAMS 4



Data File: x5371.d

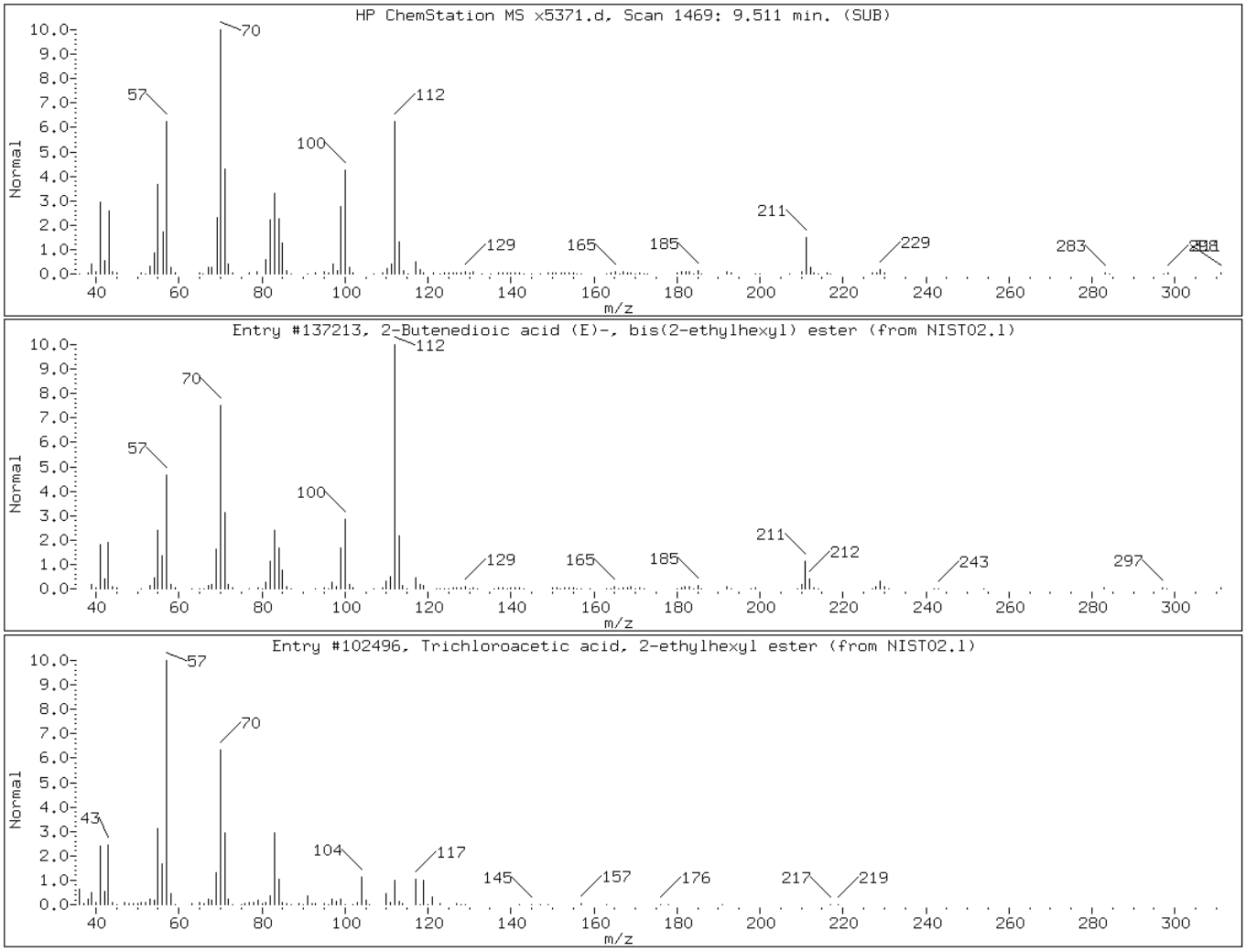
Date: 18-SEP-2013 23:47

Client ID: PMP-31SE-VD Instrument: BNAMS5.i

Sample Info: 460-62993-E-35-B Operator: BNAMS 4

Retention Time: 9.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Butenedioic acid (E)-, bis(2-eth	141-02-6	NIST02.l	137213	72	C20H36O4	340
Trichloroacetic acid, 2-ethylhexyl	16397-79-8	NIST02.l	102496	43	C10H17Cl3O2	274



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-WT | Lab Sample ID: 460-62993-36

Matrix: Solid | Lab File ID: x5372.d

Analysis Method: 8270C | Date Collected: 09/13/2013 12:55

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 00:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	49	U	370	49
95-57-8	2-Chlorophenol	48	U	370	48
95-48-7	2-Methylphenol	63	U	370	63
106-44-5	4-Methylphenol	72	U	370	72
100-52-7	Benzaldehyde	43	U	370	43
98-86-2	Acetophenone	57	U	370	57
111-44-4	Bis(2-chloroethyl)ether	5.0	U	37	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	41	U	370	41
621-64-7	N-Nitrosodi-n-propylamine	6.1	U	37	6.1
98-95-3	Nitrobenzene	5.2	U	37	5.2
67-72-1	Hexachloroethane	4.1	U	37	4.1
78-59-1	Isophorone	45	U	370	45
88-75-5	2-Nitrophenol	41	U	370	41
105-67-9	2,4-Dimethylphenol	91	U	370	91
120-83-2	2,4-Dichlorophenol	54	U	370	54
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
91-20-3	Naphthalene	43	U	370	43
106-47-8	4-Chloroaniline	97	U	370	97
87-68-3	Hexachlorobutadiene	9.0	U	75	9.0
105-60-2	Caprolactam	85	U	370	85
59-50-7	4-Chloro-3-methylphenol	56	U	370	56
91-57-6	2-Methylnaphthalene	47	U	370	47
118-74-1	Hexachlorobenzene	5.0	U	37	5.0
77-47-4	Hexachlorocyclopentadiene	43	U	370	43
88-06-2	2,4,6-Trichlorophenol	43	U	370	43
95-95-4	2,4,5-Trichlorophenol	48	U	370	48
92-52-4	Diphenyl	49	U	370	49
91-58-7	2-Chloronaphthalene	41	U	370	41
88-74-4	2-Nitroaniline	150	U	750	150
606-20-2	2,6-Dinitrotoluene	11	U	75	11
131-11-3	Dimethyl phthalate	44	U	370	44
208-96-8	Acenaphthylene	44	U	370	44
99-09-2	3-Nitroaniline	130	U	750	130
83-32-9	Acenaphthene	54	U	370	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-WT | Lab Sample ID: 460-62993-36

Matrix: Solid | Lab File ID: x5372.d

Analysis Method: 8270C | Date Collected: 09/13/2013 12:55

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 00:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	43	U	370	43
84-66-2	Diethyl phthalate	44	U	370	44
86-73-7	Fluorene	47	U	370	47
206-44-0	Fluoranthene	49	U	370	49
84-74-2	Di-n-butyl phthalate	45	U	370	45
121-14-2	2,4-Dinitrotoluene	12	U	75	12
7005-72-3	4-Chlorophenyl phenyl ether	43	U	370	43
100-01-6	4-Nitroaniline	110	U	750	110
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	36	U	370	36
1912-24-9	Atrazine	57	U	370	57
120-12-7	Anthracene	45	U	370	45
86-74-8	Carbazole	44	U	370	44
85-01-8	Phenanthrene	47	U	370	47
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	31	U	370	31
218-01-9	Chrysene	43	U	370	43
207-08-9	Benzo[k]fluoranthene	2.8	U	37	2.8
191-24-2	Benzo[g,h,i]perylene	27	U	370	27
205-99-2	Benzo[b]fluoranthene	2.3	U	37	2.3
50-32-8	Benzo[a]pyrene	2.6	U	37	2.6
56-55-3	Benzo[a]anthracene	2.6	U	37	2.6
86-30-6	N-Nitrosodiphenylamine	36	U	370	36
85-68-7	Butyl benzyl phthalate	34	U	370	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
117-84-0	Di-n-octyl phthalate	23	U	370	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.8	U	37	6.8
53-70-3	Dibenz(a,h)anthracene	4.6	U	37	4.6
91-94-1	3,3'-Dichlorobenzidine	130	U	750	130
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U *	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	48	U *	370	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-WT Lab Sample ID: 460-62993-36

Matrix: Solid Lab File ID: x5372.d

Analysis Method: 8270C Date Collected: 09/13/2013 12:55

Extract. Method: 3541 Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 00:12

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 10.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	76		38-105
4165-62-2	Phenol-d5	78		41-118
1718-51-0	Terphenyl-d14	81		16-151
118-79-6	2,4,6-Tribromophenol	73		10-120
367-12-4	2-Fluorophenol	59		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-WT Lab Sample ID: 460-62993-36

Matrix: Solid Lab File ID: x5372.d

Analysis Method: 8270C Date Collected: 09/13/2013 12:55

Extract. Method: 3541 Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 00:12

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 10.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 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/8270/09-10-13/18sep13a.b/x5372.d
Report Date: 19-Sep-2013 12:31

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5372.d
Lab Smp Id: 460-62993-E-36-B Client Smp ID: PMP-31SE-WT
Inj Date : 19-SEP-2013 00:12
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-62993-E-36-B
Misc Info : 460-62993-E-36-B
Comment   :
Method   : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/8270C_11.m
Meth Date : 18-Sep-2013 19:15 ranav Quant Type: ISTD
Cal Date : 10-SEP-2013 18:50 Cal File: x5049.d
Als bottle: 13
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	15.02000	Weight of sample extracted (g)
M	10.25180	% Moisture

Cpnd Variable Local Compound Variable

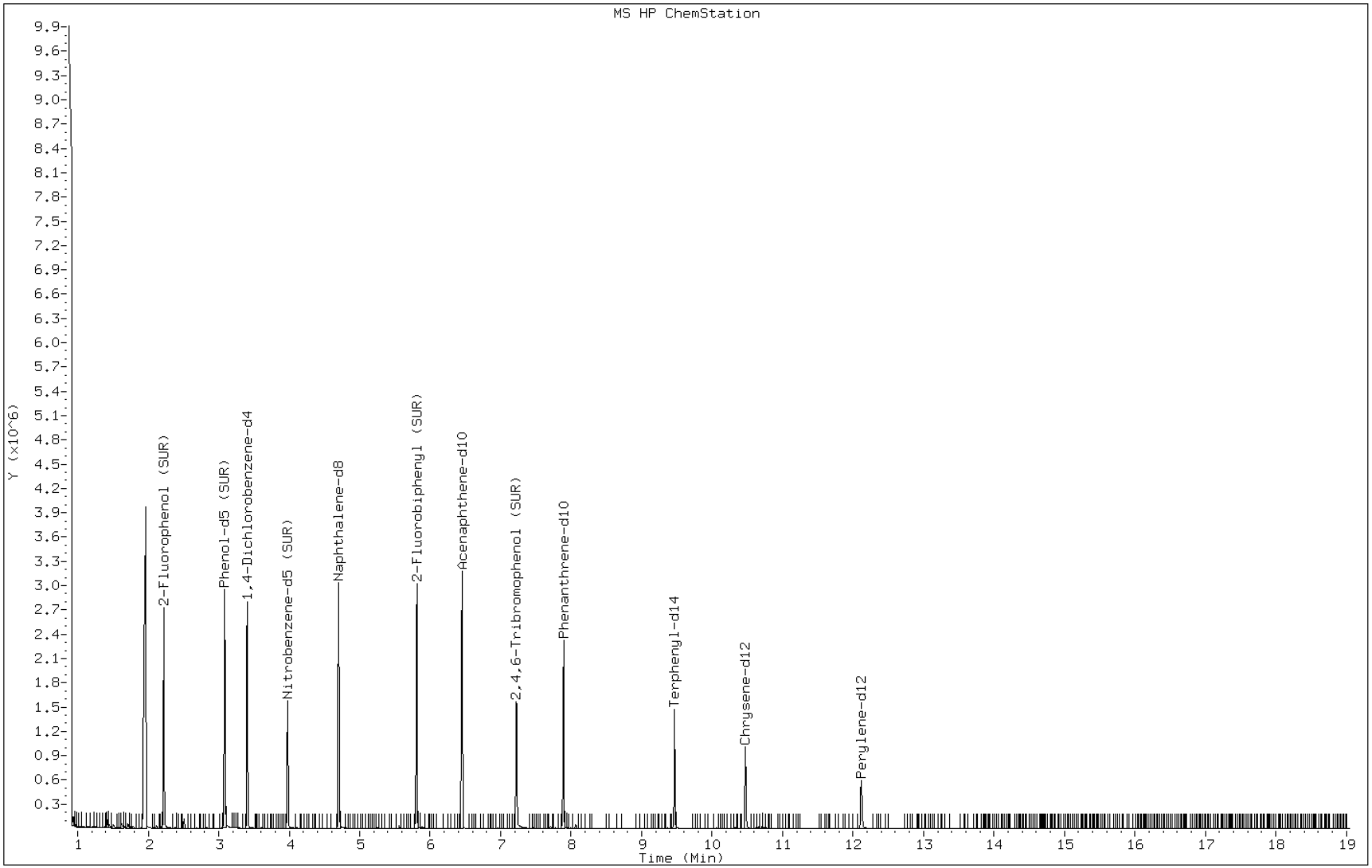
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.223	2.188	(0.653)	835899	58.5632	4300
$ 17 Phenol-d5 (SUR)	99	3.088	3.099	(0.907)	1272233	78.1616	5800
* 79 1,4-Dichlorobenzene-d4	152	3.405	3.405	(1.000)	432696	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.976	3.993	(0.845)	537564	37.9896	2800
* 80 Naphthalene-d8	136	4.705	4.711	(1.000)	1499154	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.811	5.817	(0.901)	1023914	38.6146	2900
* 82 Acenaphthene-d10	164	6.452	6.458	(1.000)	725795	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.229	7.234	(1.120)	245507	73.3172	5400
* 83 Phenanthrene-d10	188	7.893	7.899	(1.000)	816703	40.0000	
$ 78 Terphenyl-d14	244	9.470	9.470	(0.904)	482233	40.4647	3000
* 81 Chrysene-d12	240	10.475	10.487	(1.000)	385657	40.0000	
* 84 Perylene-d12	264	12.116	12.122	(1.000)	317714	40.0000	

Data File: x5372.d

Date: 19-SEP-2013 00:12

Client ID: PMP-31SE-WT Instrument: BNAMS5.i

Sample Info: 460-62993-E-36-B Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-VS | Lab Sample ID: 460-62993-37

Matrix: Solid | Lab File ID: x5383.d

Analysis Method: 8270C | Date Collected: 09/13/2013 12:30

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 04:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	46	U	340	46
95-57-8	2-Chlorophenol	45	U	340	45
95-48-7	2-Methylphenol	58	U	340	58
106-44-5	4-Methylphenol	67	U	340	67
100-52-7	Benzaldehyde	40	U	340	40
98-86-2	Acetophenone	53	U	340	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	340	38
621-64-7	N-Nitrosodi-n-propylamine	5.7	U	34	5.7
98-95-3	Nitrobenzene	4.9	U	34	4.9
67-72-1	Hexachloroethane	3.8	U	34	3.8
78-59-1	Isophorone	41	U	340	41
88-75-5	2-Nitrophenol	38	U	340	38
105-67-9	2,4-Dimethylphenol	84	U	340	84
120-83-2	2,4-Dichlorophenol	50	U	340	50
111-91-1	Bis(2-chloroethoxy)methane	44	U	340	44
91-20-3	Naphthalene	40	U	340	40
106-47-8	4-Chloroaniline	91	U	340	91
87-68-3	Hexachlorobutadiene	8.3	U	69	8.3
105-60-2	Caprolactam	79	U	340	79
59-50-7	4-Chloro-3-methylphenol	52	U	340	52
91-57-6	2-Methylnaphthalene	44	U	340	44
118-74-1	Hexachlorobenzene	4.7	U	34	4.7
77-47-4	Hexachlorocyclopentadiene	40	U	340	40
88-06-2	2,4,6-Trichlorophenol	40	U	340	40
95-95-4	2,4,5-Trichlorophenol	44	U	340	44
92-52-4	Diphenyl	46	U	340	46
91-58-7	2-Chloronaphthalene	38	U	340	38
88-74-4	2-Nitroaniline	140	U	690	140
606-20-2	2,6-Dinitrotoluene	10	U	69	10
131-11-3	Dimethyl phthalate	41	U	340	41
208-96-8	Acenaphthylene	40	U	340	40
99-09-2	3-Nitroaniline	120	U	690	120
83-32-9	Acenaphthene	50	U	340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-VS | Lab Sample ID: 460-62993-37

Matrix: Solid | Lab File ID: x5383.d

Analysis Method: 8270C | Date Collected: 09/13/2013 12:30

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 04:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	41	U	340	41
86-73-7	Fluorene	44	U	340	44
206-44-0	Fluoranthene	46	U	340	46
84-74-2	Di-n-butyl phthalate	42	U	340	42
121-14-2	2,4-Dinitrotoluene	11	U	69	11
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	110	U	690	110
534-52-1	4,6-Dinitro-2-methylphenol	93	U	1000	93
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
1912-24-9	Atrazine	53	U	340	53
120-12-7	Anthracene	42	U	340	42
86-74-8	Carbazole	40	U	340	40
85-01-8	Phenanthrene	44	U	340	44
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	30	J	340	29
218-01-9	Chrysene	40	U	340	40
207-08-9	Benzo[k]fluoranthene	15	J	34	2.6
191-24-2	Benzo[g,h,i]perylene	25	U	340	25
205-99-2	Benzo[b]fluoranthene	31	J	34	2.2
50-32-8	Benzo[a]pyrene	21	J	34	2.4
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	340	34
85-68-7	Butyl benzyl phthalate	31	U	340	31
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
117-84-0	Di-n-octyl phthalate	22	U	340	22
193-39-5	Indeno[1,2,3-cd]pyrene	17	J	34	6.4
53-70-3	Dibenz(a,h)anthracene	4.3	U	34	4.3
91-94-1	3,3'-Dichlorobenzidine	120	U	690	120
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U *	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	44	U *	340	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-VS | Lab Sample ID: 460-62993-37

Matrix: Solid | Lab File ID: x5383.d

Analysis Method: 8270C | Date Collected: 09/13/2013 12:30

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 04:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	82		38-105
4165-62-2	Phenol-d5	79		41-118
1718-51-0	Terphenyl-d14	77		16-151
118-79-6	2,4,6-Tribromophenol	67		10-120
367-12-4	2-Fluorophenol	69		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-VS | Lab Sample ID: 460-62993-37

Matrix: Solid | Lab File ID: x5383.d

Analysis Method: 8270C | Date Collected: 09/13/2013 12:30

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 04:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

Number TICs Found: 5 | TIC Result Total: 2170

CAS NO.	COMPOUND NAME	RT	RESULT	Q
122-69-0	Cinnamyl cinnamate	10.25	580	J N
1000214-20-7	Stigmasterol, 22,23-dihydro-	14.10	540	J N
	Unknown-1	14.55	300	J
	Unknown-2	14.62	300	J
	Unknown-3	15.50	450	J

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5383.d
Report Date: 19-Sep-2013 15:06

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5383.d
Lab Smp Id: 460-62993-E-37-B Client Smp ID: PMP-32SE-VS
Inj Date : 19-SEP-2013 04:54
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-62993-E-37-B
Misc Info : 460-62993-E-37-B
Comment   :
Method   : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/8270C_11.m
Meth Date : 18-Sep-2013 19:15 ranav Quant Type: ISTD
Cal Date : 10-SEP-2013 18:50 Cal File: x5049.d
Als bottle: 24
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	15.02000	Weight of sample extracted (g)
M	3.44828	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.223	2.188	(0.653)	899861	69.2446	4800
$ 17 Phenol-d5 (SUR)	99	3.088	3.099	(0.907)	1172153	79.0953	5400
* 79 1,4-Dichlorobenzene-d4	152	3.405	3.405	(1.000)	393952	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.976	3.993	(0.845)	512492	40.8283	2800
* 80 Naphthalene-d8	136	4.705	4.711	(1.000)	1329863	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.811	5.817	(0.901)	888215	43.4120	3000
* 82 Acenaphthene-d10	164	6.452	6.458	(1.000)	560028	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.228	7.234	(1.120)	172592	66.7985	4600
115 n-Octadecane	57	7.864	7.870	(0.996)	4358	0.56858	39(a)
* 83 Phenanthrene-d10	188	7.893	7.899	(1.000)	593507	40.0000	
52 Phenanthrene	178	7.911	7.923	(1.002)	3438	0.20220	14(a)
56 Fluoranthene	202	9.070	9.075	(1.149)	7069	0.52398	36(a)
57 Pyrene	202	9.281	9.287	(0.886)	6673	0.43580	30(a)

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5383.d
Report Date: 19-Sep-2013 15:06

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 78 Terphenyl-d14	244	9.470	9.470	(0.904)	410329	38.6134	2700
* 81 Chrysene-d12	240	10.475	10.487	(1.000)	343886	40.0000	
62 Chrysene	228	10.499	10.511	(1.002)	4364	0.44960	31(a)
65 Benzo(b)fluoranthene	252	11.669	11.669	(0.963)	4220	0.45423	31(a)
66 Benzo(k)fluoranthene	252	11.693	11.705	(0.965)	2232	0.21969	15(aM)
67 Benzo(a)pyrene	252	12.046	12.058	(0.994)	2390	0.30102	21(a)
* 84 Perylene-d12	264	12.122	12.122	(1.000)	331023	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.440	13.440	(1.109)	1628	0.24341	17(a)
70 Benzo(g,h,i)perylene	276	13.752	13.757	(1.134)	2258	0.29246	20(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: x5383.d

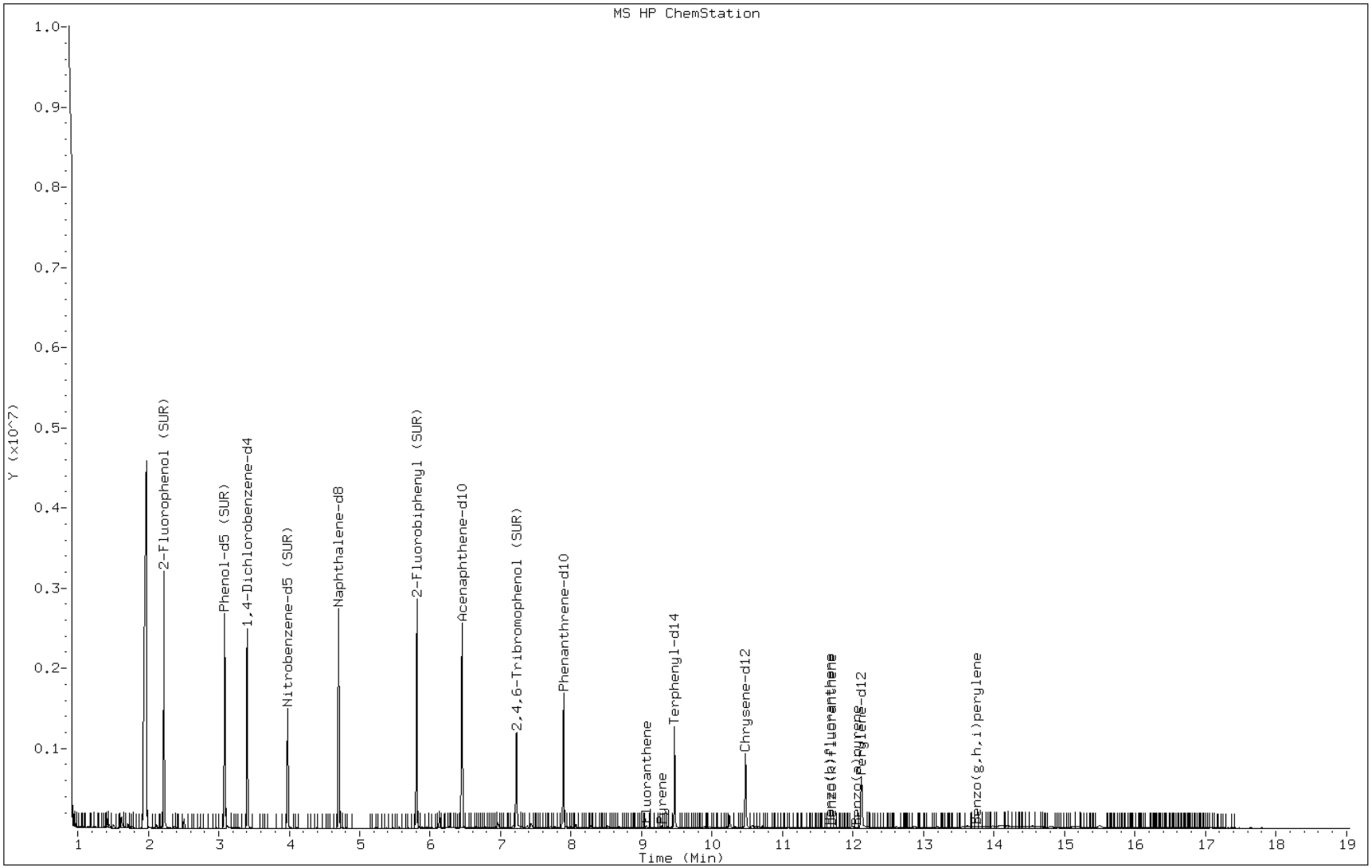
Date: 19-SEP-2013 04:54

Client ID: PMP-32SE-VS

Instrument: BNAMS5.i

Sample Info: 460-62993-E-37-B

Operator: BNAMS 4



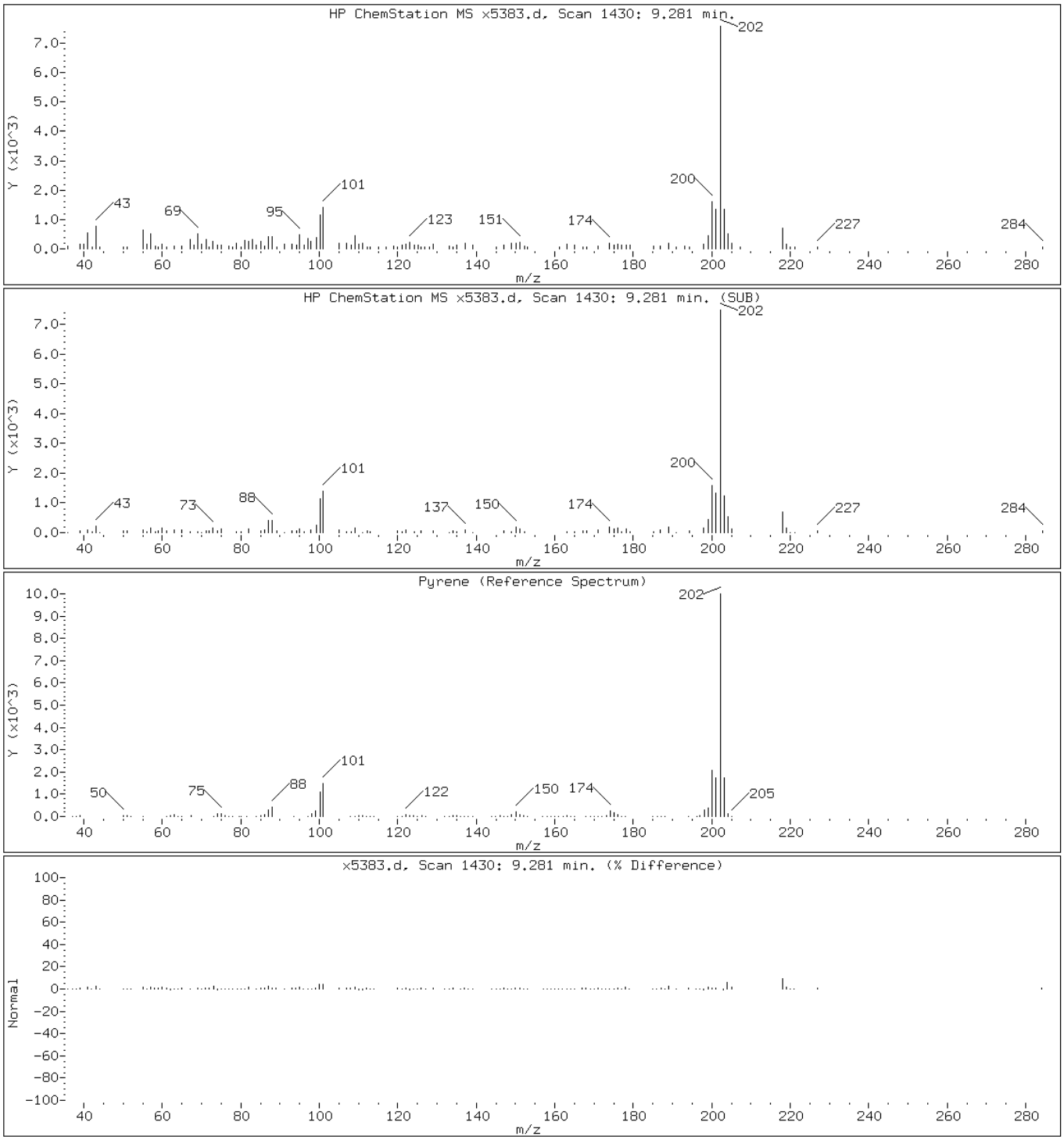
Data File: x5383.d

Date: 19-SEP-2013 04:54

Client ID: PMP-32SE-VS Instrument: BNAMS5.i

Sample Info: 460-62993-E-37-B Operator: BNAMS 4

57 Pyrene



Data File: x5383.d

Date: 19-SEP-2013 04:54

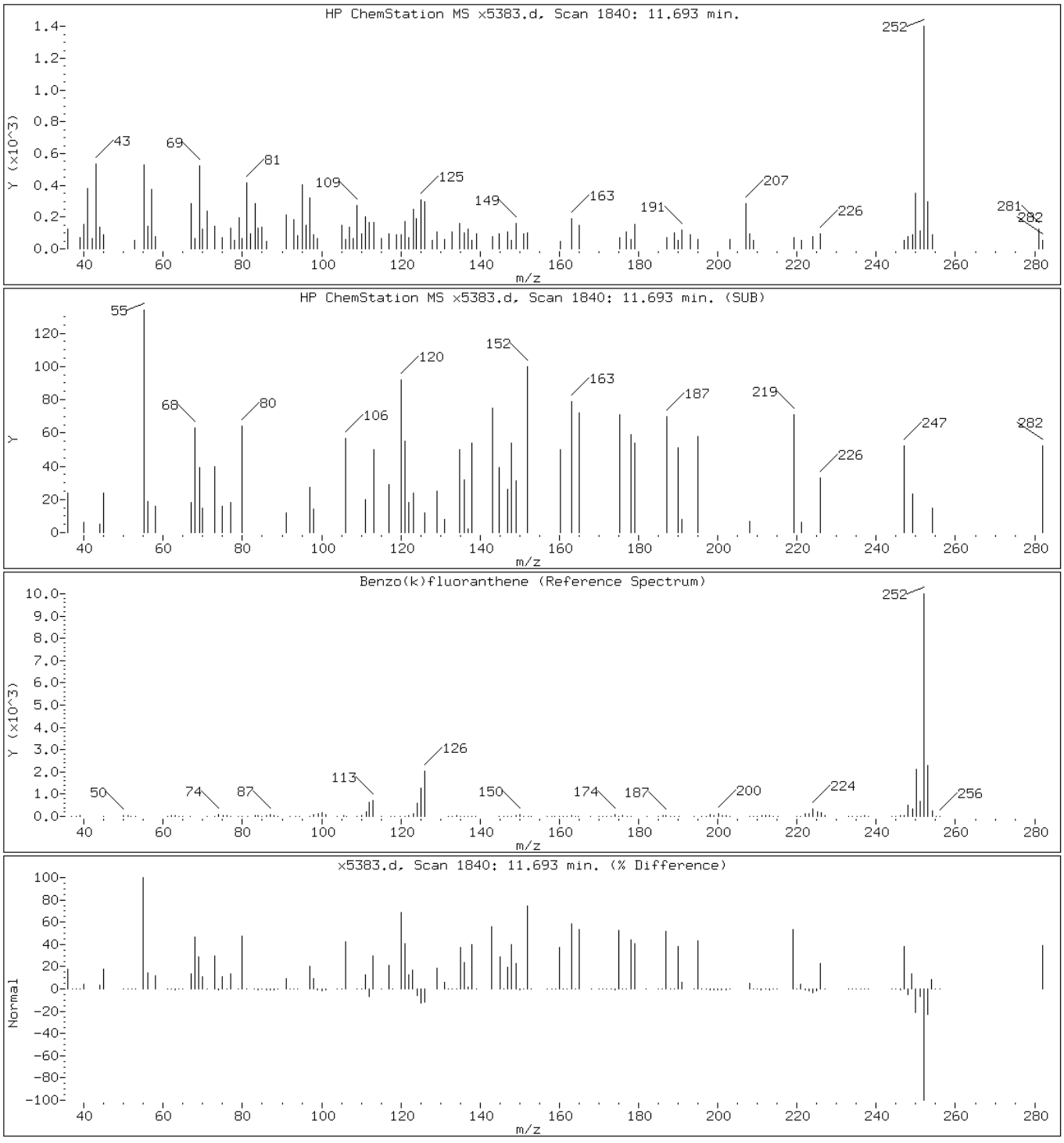
Client ID: PMP-32SE-VS

Instrument: BNAMS5.i

Sample Info: 460-62993-E-37-B

Operator: BNAMS 4

66 Benzo(k)fluoranthene



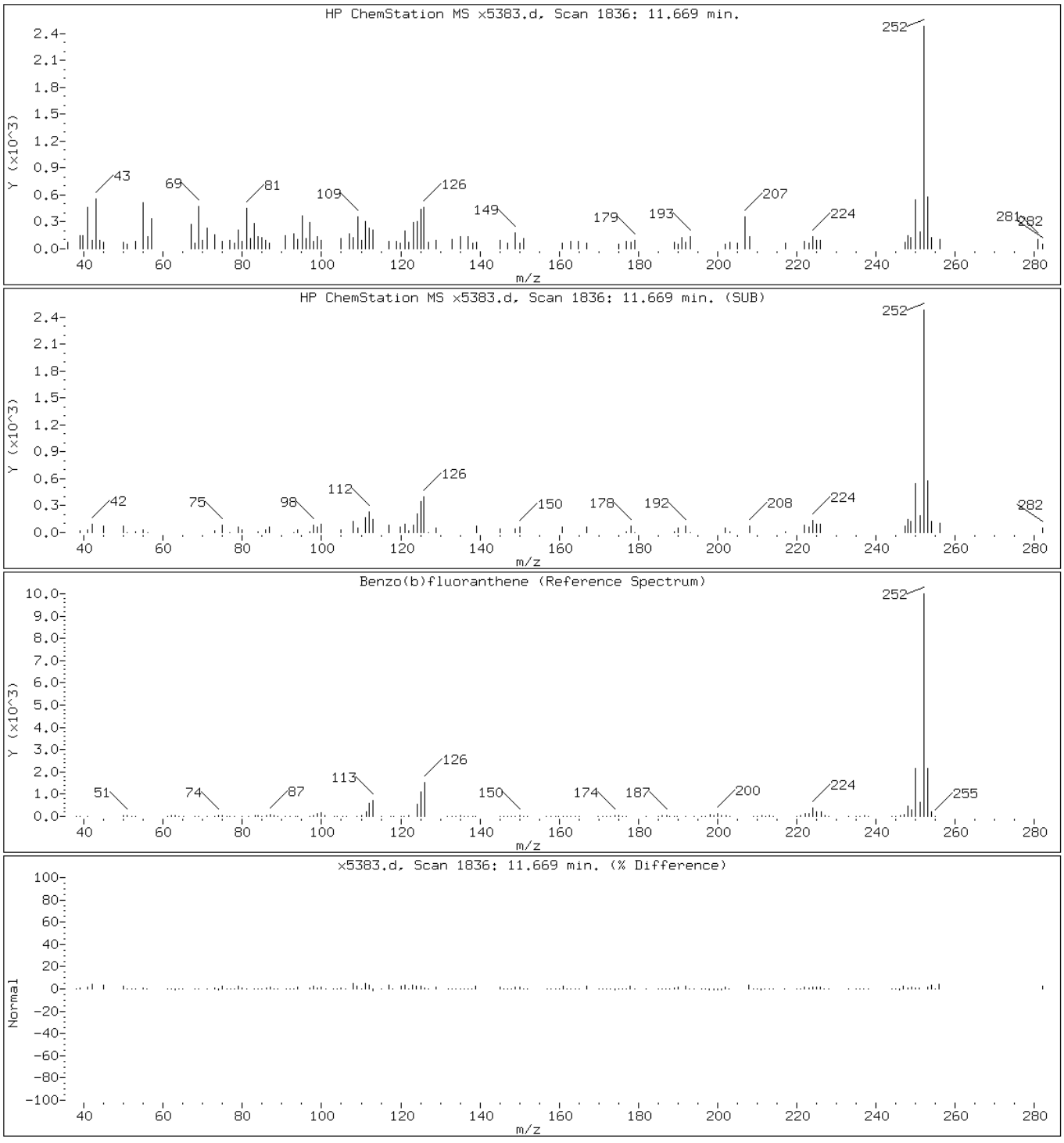
Data File: x5383.d

Date: 19-SEP-2013 04:54

Client ID: PMP-32SE-VS Instrument: BNAMS5.i

Sample Info: 460-62993-E-37-B Operator: BNAMS 4

65 Benzo(b)fluoranthene



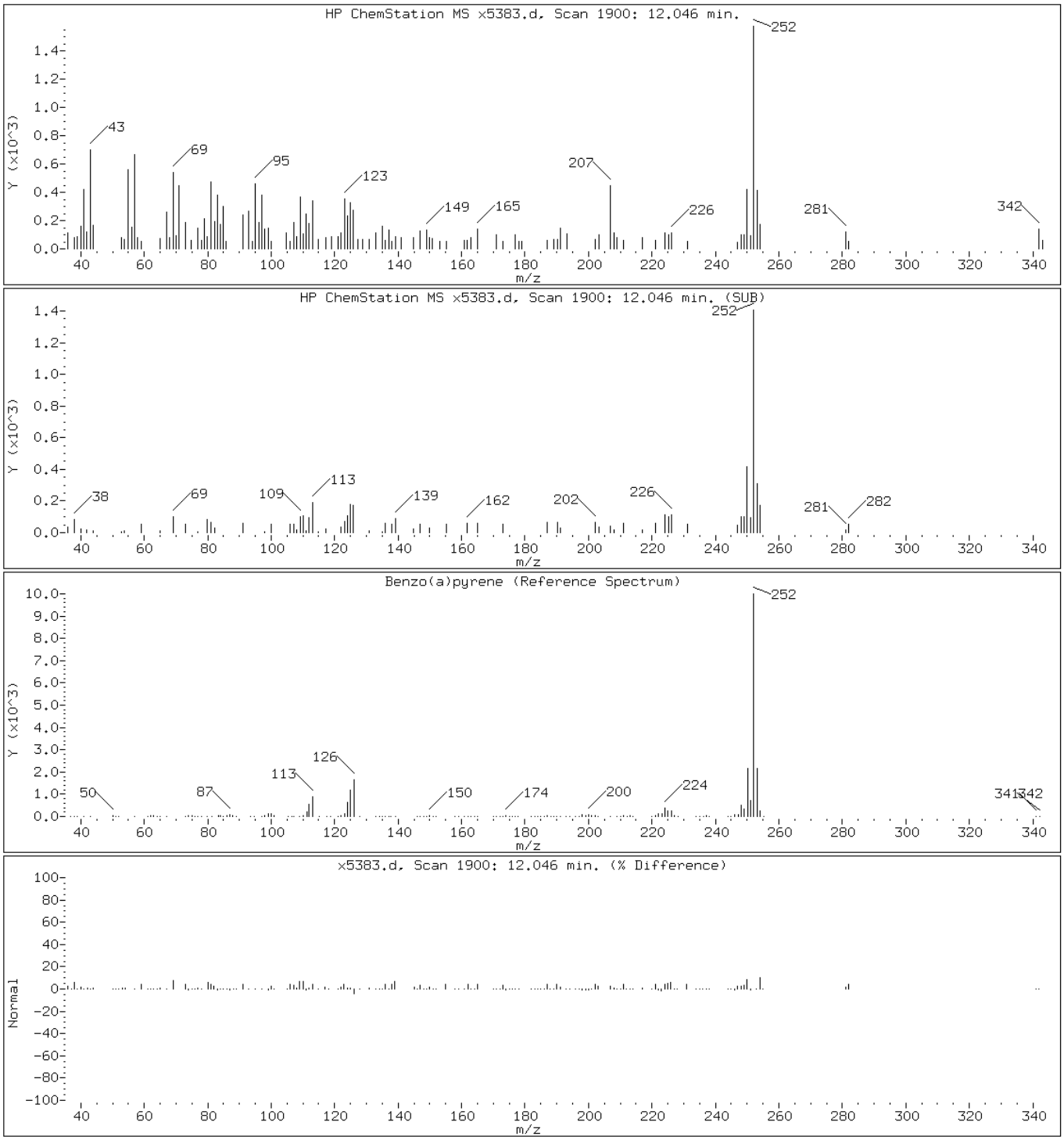
Data File: x5383.d

Date: 19-SEP-2013 04:54

Client ID: PMP-32SE-VS Instrument: BNAMS5.i

Sample Info: 460-62993-E-37-B Operator: BNAMS 4

67 Benzo(a)pyrene



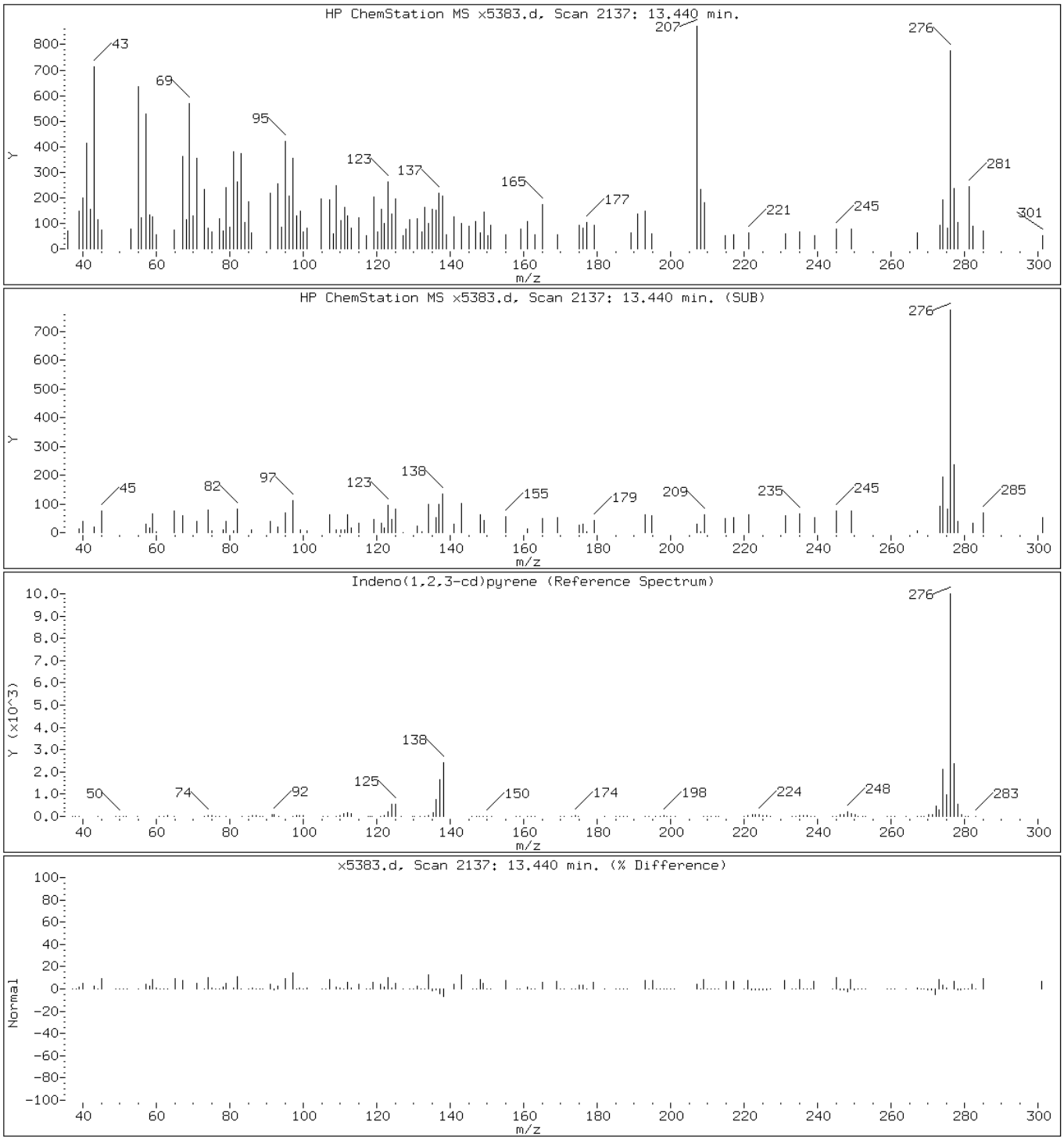
Data File: x5383.d

Date: 19-SEP-2013 04:54

Client ID: PMP-32SE-VS Instrument: BNAMS5.i

Sample Info: 460-62993-E-37-B Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



Manual Integration Report

Data File: x5383.d
Inj. Date and Time: 19-SEP-2013 04:54
Instrument ID: BNAMS5.i
Client ID: PMP-32SE-VS
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 09/19/2013

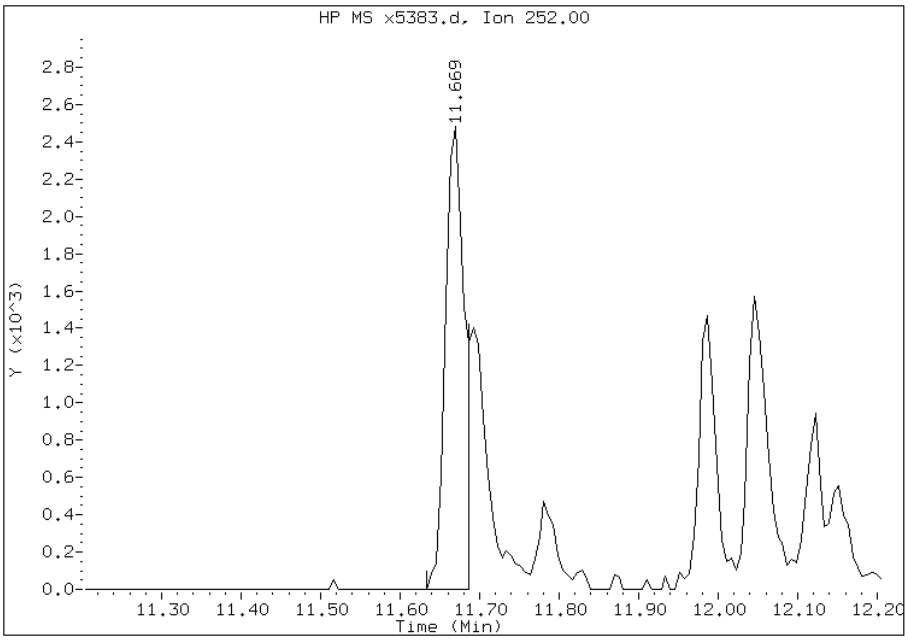
Processing Integration Results

RT: 11.67

Response: 4220

Amount: 0

Conc: 29



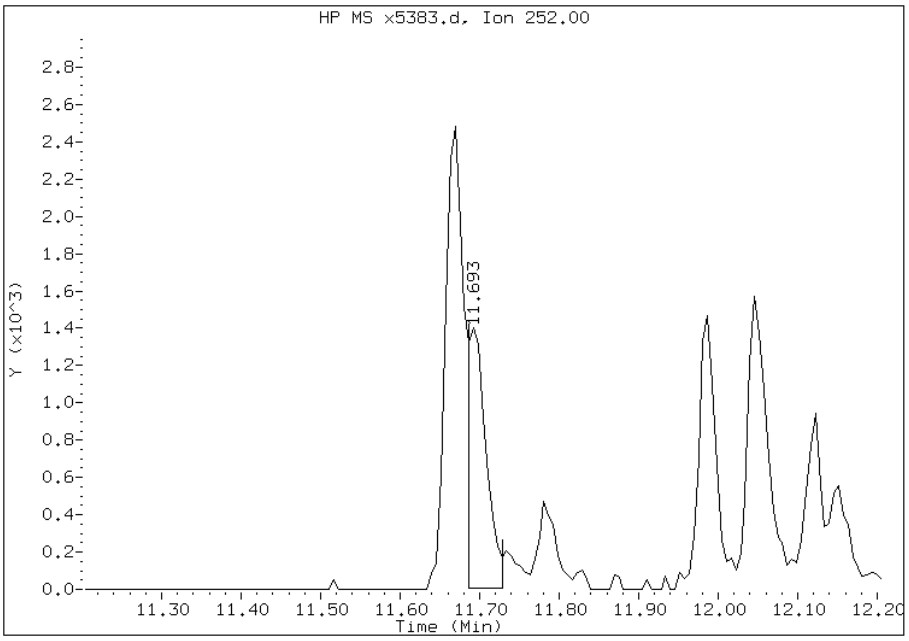
Manual Integration Results

RT: 11.69

Response: 2232

Amount: 0

Conc: 15



Manually Integrated By: wahied
Manual Integration Reason: Analyte Misidentified by the Data System

Data File: x5383.d

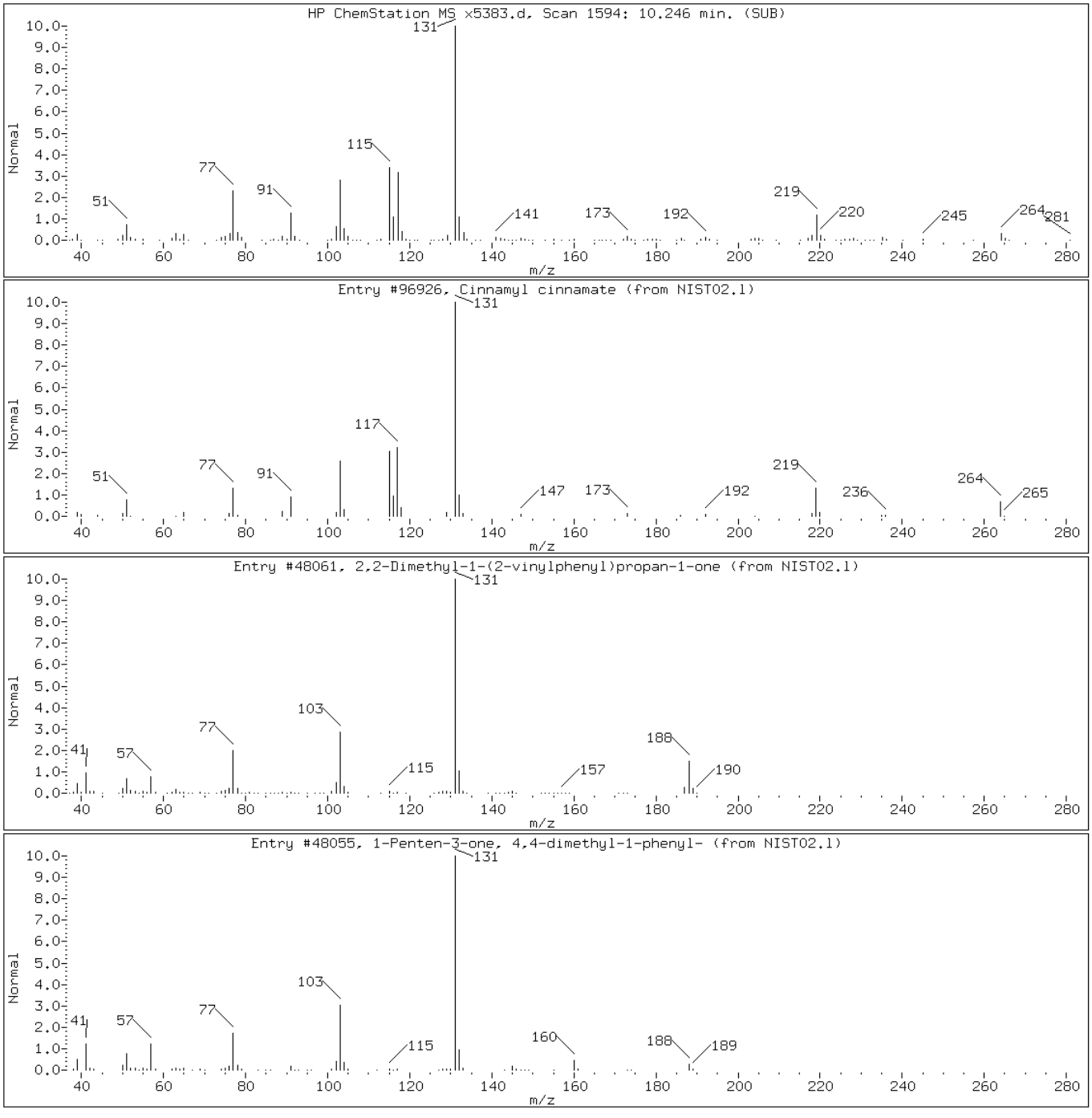
Date: 19-SEP-2013 04:54

Client ID: PMP-32SE-VS Instrument: BNAMS5.i

Sample Info: 460-62993-E-37-B Operator: BNAMS 4

Retention Time: 10.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cinnamyl cinnamate	122-69-0	NIST02.l	96926	87	C18H16O2	264
2,2-Dimethyl-1-(2-vinylphenyl)prop	1000210-99-9	NIST02.l	48061	52	C13H16O	188
1-Penten-3-one, 4,4-dimethyl-1-phe	538-44-3	NIST02.l	48055	50	C13H16O	188



Data File: x5383.d

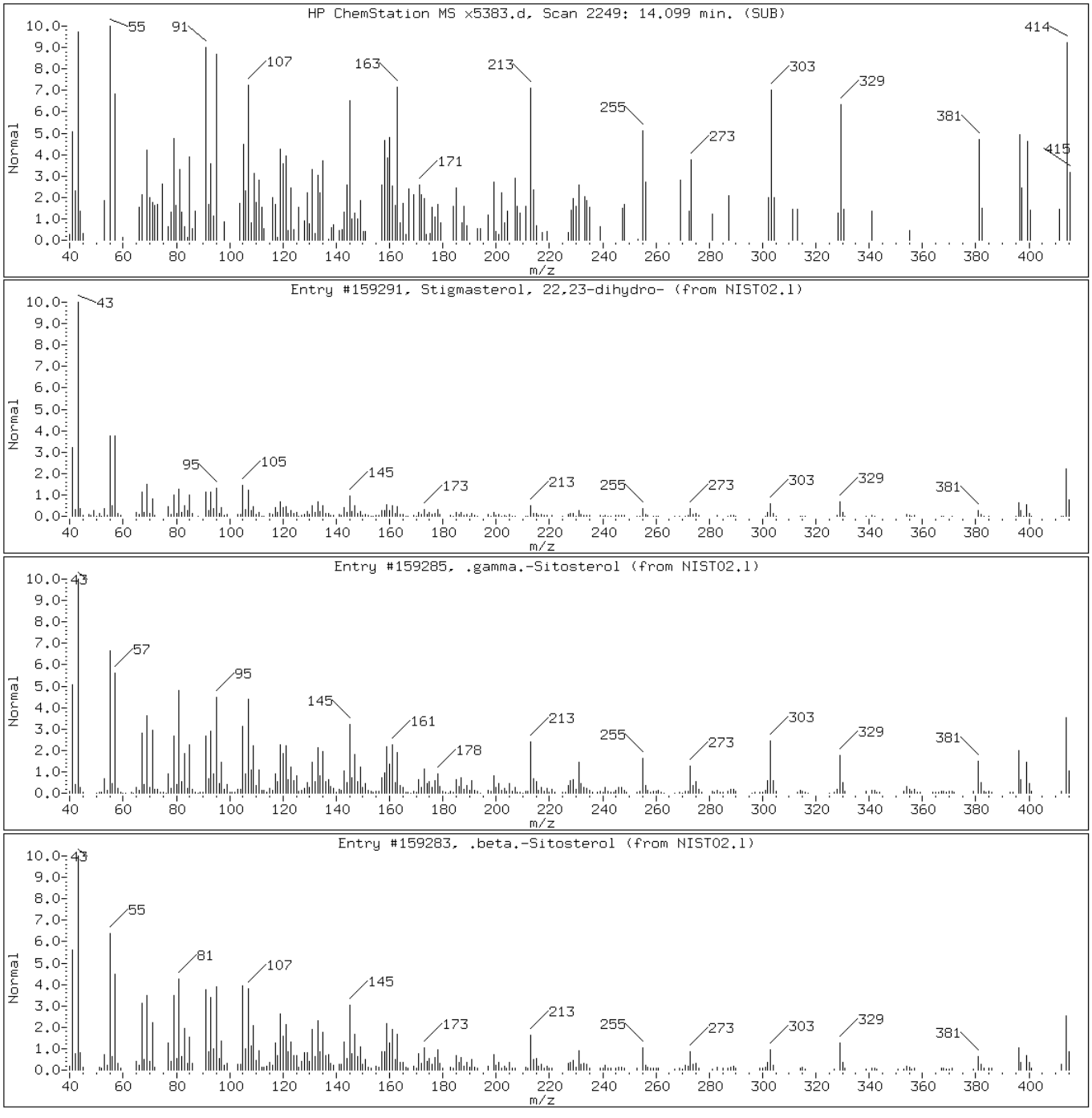
Date: 19-SEP-2013 04:54

Client ID: PMP-32SE-VS Instrument: BNAMS5.i

Sample Info: 460-62993-E-37-B Operator: BNAMS 4

Retention Time: 14.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST02.l	159291	93	C29H50O	414
.gamma.-Sitosterol	83-47-6	NIST02.l	159285	72	C29H50O	414
.beta.-Sitosterol	83-46-5	NIST02.l	159283	55	C29H50O	414



Data File: x5383.d

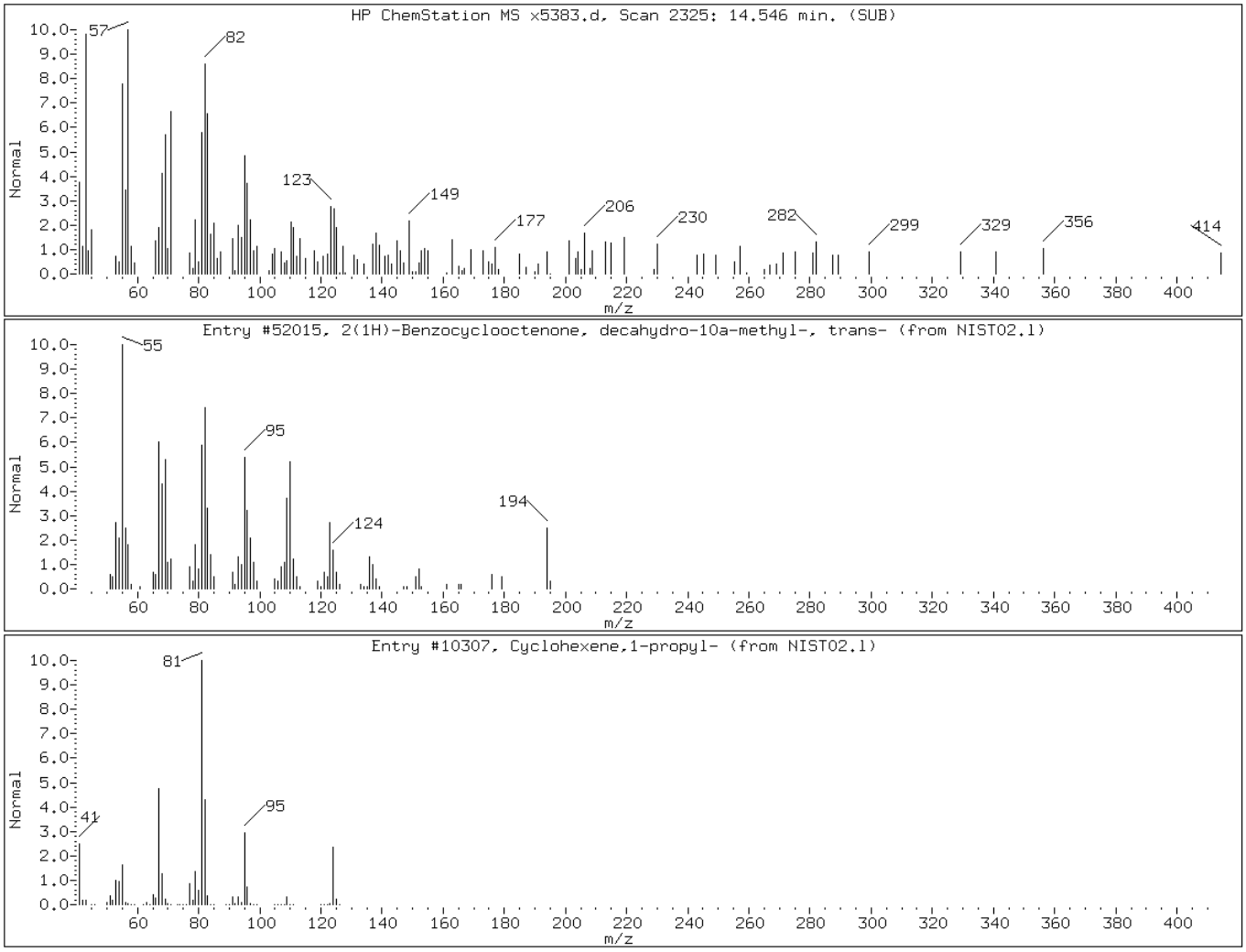
Date: 19-SEP-2013 04:54

Client ID: PMP-32SE-VS Instrument: BNAMS5.i

Sample Info: 460-62993-E-37-B Operator: BNAMS 4

Retention Time: 14.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
2(1H)-Benzocyclooctenone, decahydr	55103-68-9	NIST02.l	52015	52	C13H22O	194
Cyclohexene,1-propyl-	2539-75-5	NIST02.l	10307	49	C9H16	124



Data File: x5383.d

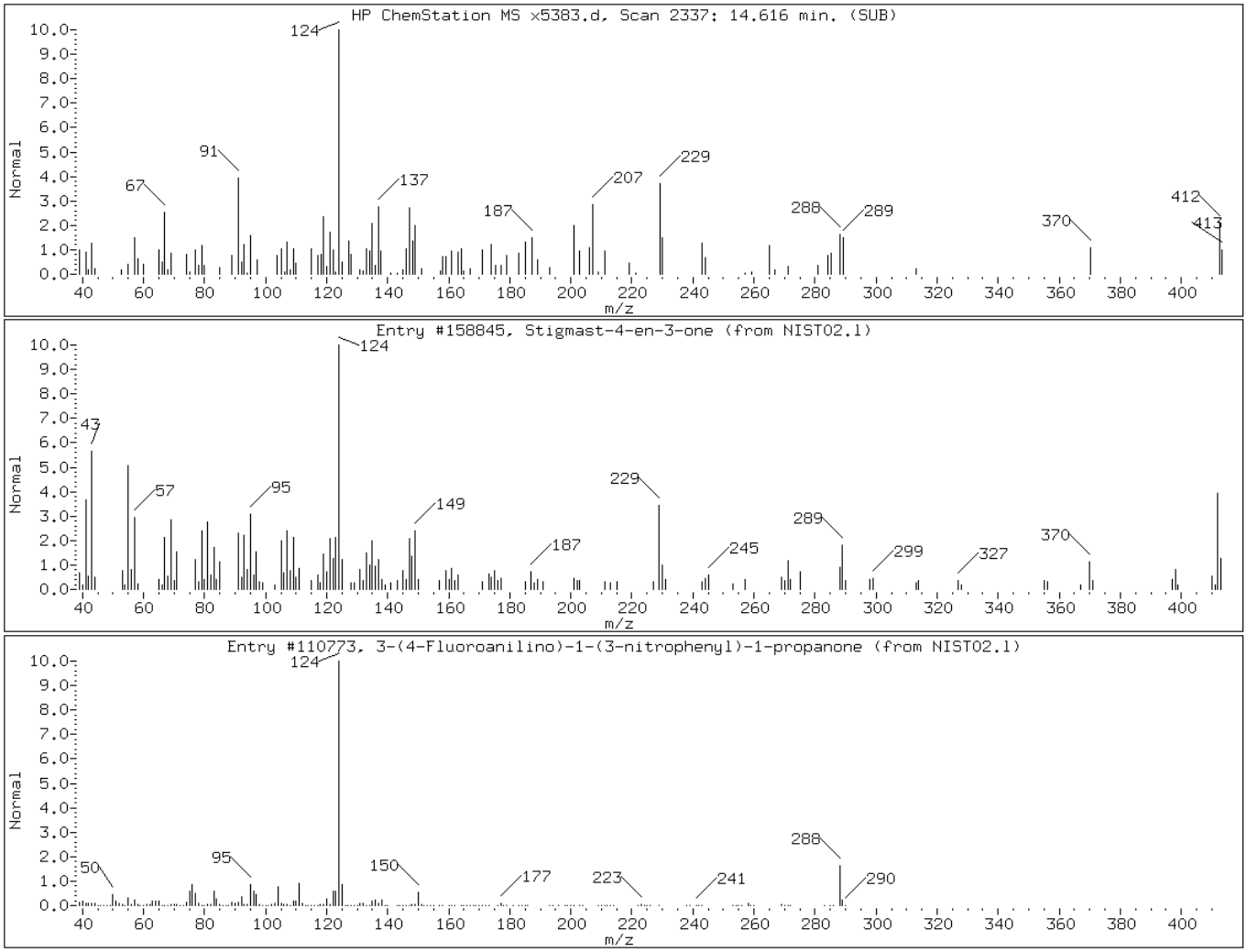
Date: 19-SEP-2013 04:54

Client ID: PMP-32SE-VS Instrument: BNAMS5.i

Sample Info: 460-62993-E-37-B Operator: BNAMS 4

Retention Time: 14.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Stigmast-4-en-3-one	1058-61-3	NIST02.l	158845	46	C29H48O	412
3-(4-Fluoroanilino)-1-(3-nitrophen	350039-84-8	NIST02.l	110773	41	C15H13FN2O3	288



Data File: x5383.d

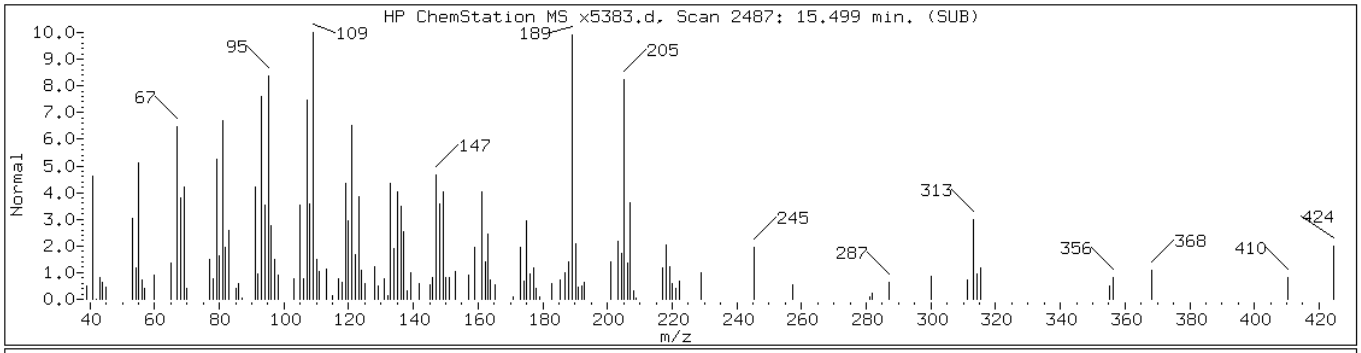
Date: 19-SEP-2013 04:54

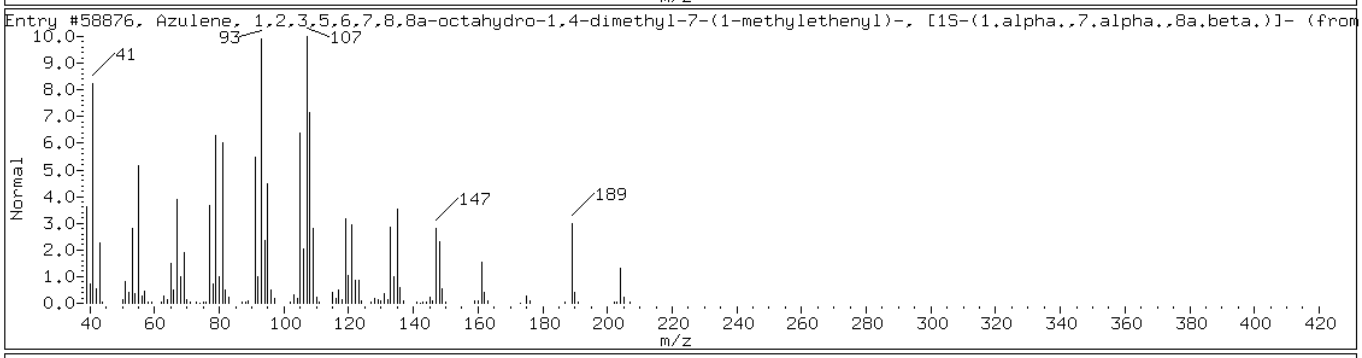
Client ID: PMP-32SE-VS Instrument: BNAMS5.i

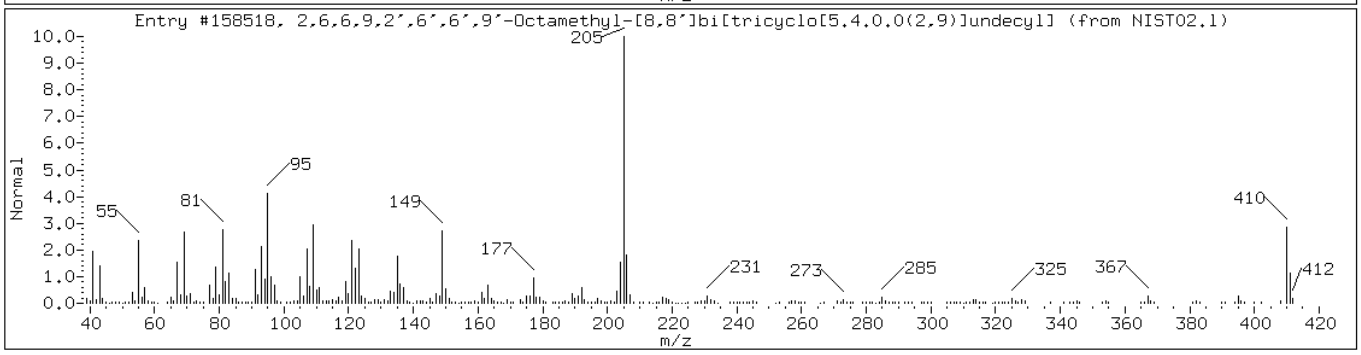
Sample Info: 460-62993-E-37-B Operator: BNAMS 4

Retention Time: 15.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Azulene, 1,2,3,5,6,7,8,8a-octahydr	3691-11-0	NIST02.l	58876	47	C15H24	204
2,6,6,9,2',6',6',9'-Octamethyl-[8,	1000189-48-2	NIST02.l	158518	46	C30H50	410







FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-VD | Lab Sample ID: 460-62993-38

Matrix: Solid | Lab File ID: z2379.d

Analysis Method: 8270C | Date Collected: 09/13/2013 12:35

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.04(g) | Date Analyzed: 09/20/2013 09:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	48	U	360	48
95-57-8	2-Chlorophenol	47	U	360	47
95-48-7	2-Methylphenol	61	U	360	61
106-44-5	4-Methylphenol	71	U	360	71
100-52-7	Benzaldehyde	42	U	360	42
98-86-2	Acetophenone	55	U	360	55
111-44-4	Bis(2-chloroethyl)ether	4.9	U	36	4.9
108-60-1	2,2'-oxybis[1-chloropropane]	40	U	360	40
621-64-7	N-Nitrosodi-n-propylamine	6.0	U	36	6.0
98-95-3	Nitrobenzene	5.1	U	36	5.1
67-72-1	Hexachloroethane	4.0	U	36	4.0
78-59-1	Isophorone	43	U	360	43
88-75-5	2-Nitrophenol	40	U	360	40
105-67-9	2,4-Dimethylphenol	88	U	360	88
120-83-2	2,4-Dichlorophenol	52	U	360	52
111-91-1	Bis(2-chloroethoxy)methane	46	U	360	46
91-20-3	Naphthalene	41	U	360	41
106-47-8	4-Chloroaniline	95	U	360	95
87-68-3	Hexachlorobutadiene	8.7	U	73	8.7
105-60-2	Caprolactam	83	U	360	83
59-50-7	4-Chloro-3-methylphenol	54	U	360	54
91-57-6	2-Methylnaphthalene	46	U	360	46
118-74-1	Hexachlorobenzene	4.9	U	36	4.9
77-47-4	Hexachlorocyclopentadiene	42	U	360	42
88-06-2	2,4,6-Trichlorophenol	42	U	360	42
95-95-4	2,4,5-Trichlorophenol	46	U	360	46
92-52-4	Diphenyl	48	U	360	48
91-58-7	2-Chloronaphthalene	40	U	360	40
88-74-4	2-Nitroaniline	150	U	730	150
606-20-2	2,6-Dinitrotoluene	11	U	73	11
131-11-3	Dimethyl phthalate	42	U	360	42
208-96-8	Acenaphthylene	42	U	360	42
99-09-2	3-Nitroaniline	130	U	730	130
83-32-9	Acenaphthene	52	U	360	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-VD | Lab Sample ID: 460-62993-38

Matrix: Solid | Lab File ID: z2379.d

Analysis Method: 8270C | Date Collected: 09/13/2013 12:35

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.04(g) | Date Analyzed: 09/20/2013 09:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	230	U	1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	42	U	360	42
84-66-2	Diethyl phthalate	43	U	360	43
86-73-7	Fluorene	46	U	360	46
206-44-0	Fluoranthene	48	U	360	48
84-74-2	Di-n-butyl phthalate	44	U	360	44
121-14-2	2,4-Dinitrotoluene	12	U	73	12
7005-72-3	4-Chlorophenyl phenyl ether	42	U	360	42
100-01-6	4-Nitroaniline	110	U	730	110
534-52-1	4,6-Dinitro-2-methylphenol	98	U	1100	98
101-55-3	4-Bromophenyl phenyl ether	36	U	360	36
1912-24-9	Atrazine	55	U	360	55
120-12-7	Anthracene	44	U	360	44
86-74-8	Carbazole	42	U	360	42
85-01-8	Phenanthrene	46	U	360	46
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	30	U	360	30
218-01-9	Chrysene	42	U	360	42
207-08-9	Benzo[k]fluoranthene	2.7	U	36	2.7
191-24-2	Benzo[g,h,i]perylene	27	U	360	27
205-99-2	Benzo[b]fluoranthene	14	J	36	2.3
50-32-8	Benzo[a]pyrene	2.5	U	36	2.5
56-55-3	Benzo[a]anthracene	2.5	U	36	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	360	35
85-68-7	Butyl benzyl phthalate	33	U	360	33
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	360	120
117-84-0	Di-n-octyl phthalate	23	U	360	23
193-39-5	Indeno[1,2,3-cd]pyrene	6.7	U	36	6.7
53-70-3	Dibenz(a,h)anthracene	4.5	U	36	4.5
91-94-1	3,3'-Dichlorobenzidine	130	U	730	130
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U *	360	48
58-90-2	2,3,4,6-Tetrachlorophenol	47	U *	360	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-VD Lab Sample ID: 460-62993-38

Matrix: Solid Lab File ID: z2379.d

Analysis Method: 8270C Date Collected: 09/13/2013 12:35

Extract. Method: 3541 Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.04(g) Date Analyzed: 09/20/2013 09:57

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 7.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	74		38-105
4165-62-2	Phenol-d5	80		41-118
1718-51-0	Terphenyl-d14	80		16-151
118-79-6	2,4,6-Tribromophenol	73		10-120
367-12-4	2-Fluorophenol	77		37-125
321-60-8	2-Fluorobiphenyl	86		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-VD | Lab Sample ID: 460-62993-38

Matrix: Solid | Lab File ID: z2379.d

Analysis Method: 8270C | Date Collected: 09/13/2013 12:35

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.04(g) | Date Analyzed: 09/20/2013 09:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182384 | Units: ug/Kg

Number TICs Found: 8 | TIC Result Total: 4310

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown-1	7.17	430	J
70-55-3	Benzenesulfonamide, 4-methyl-	8.33	390	J N
483-65-8	Phenanthrene, 1-methyl-7-(1-methylethyl)	10.70	520	J N
	Unknown-2	11.12	680	J
	Unknown-3	11.42	1100	J
	Unknown-4	12.13	340	J
	Unknown-5	15.03	310	J
	Unknown-6	16.05	540	J

Data File: /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2379.d
Report Date: 20-Sep-2013 15:28

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2379.d
Lab Smp Id: 460-62993-E-38-B Client Smp ID: PMP-32SE-VD
Inj Date : 20-SEP-2013 09:57
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62993-E-38-B
Misc Info : 460-62993-E-38-B
Comment   :
Method   : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/8270C_11.m
Meth Date : 20-Sep-2013 12:31 czhao Quant Type: ISTD
Cal Date : 19-SEP-2013 03:37 Cal File: z2314.d
Als bottle: 12
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	7.94574	% 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	3.223	3.188	(0.722)	859164	76.6888	5500
$ 17 Phenol-d5 (SUR)	99	4.099	4.111	(0.918)	1126706	80.4639	5800
* 79 1,4-Dichlorobenzene-d4	152	4.464	4.470	(1.000)	315899	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.017	5.035	(0.873)	492779	36.9287	2700
15 Benzoic Acid	122	5.441	5.546	(0.947)	2377	0.57714	42(a)
* 80 Naphthalene-d8	136	5.746	5.758	(1.000)	1146224	40.0000	
120 1-Methylnaphthalene	142	6.558	6.570	(1.141)	545	0.02754	2.0(aH)
$ 77 2-Fluorobiphenyl (SUR)	172	6.829	6.840	(0.910)	775966	43.0774	3100
* 82 Acenaphthene-d10	164	7.505	7.511	(1.000)	487586	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.281	8.287	(1.103)	126707	73.3405	5300
115 n-Octadecane	57	8.858	8.864	(0.988)	3583	0.34413	25(a)
* 83 Phenanthrene-d10	188	8.970	8.976	(1.000)	511798	40.0000	
52 Phenanthrene	178	8.993	8.999	(1.003)	1899	0.12526	9.0(a)

Data File: /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2379.d
Report Date: 20-Sep-2013 15:28

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	56 Fluoranthene	202	10.164	10.170	(1.133)	2038	0.16946	12(a)
	57 Pyrene	202	10.399	10.399	(0.883)	1819	0.15028	11(a)
$	78 Terphenyl-d14	244	10.558	10.558	(0.897)	305272	40.2263	2900
*	81 Chrysene-d12	240	11.775	11.781	(1.000)	231559	40.0000	
	65 Benzo(b)fluoranthene	252	13.193	13.205	(0.961)	1185	0.19869	14(a)
*	84 Perylene-d12	264	13.734	13.734	(1.000)	212646	40.0000	

QC Flag Legend

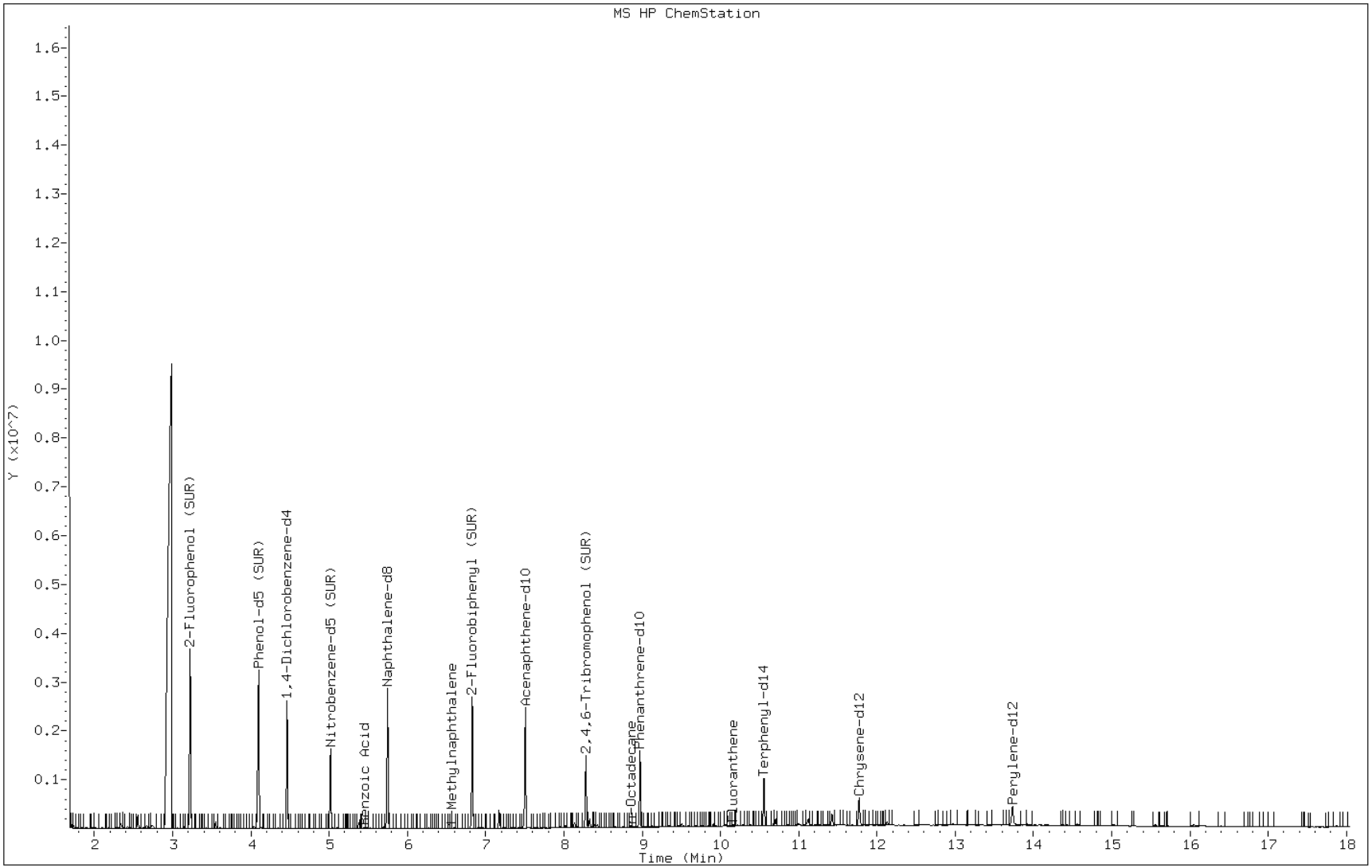
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: z2379.d

Date: 20-SEP-2013 09:57

Client ID: PMP-32SE-VD Instrument: BNAMS11.i

Sample Info: 460-62993-E-38-B Operator: BNAMS 4



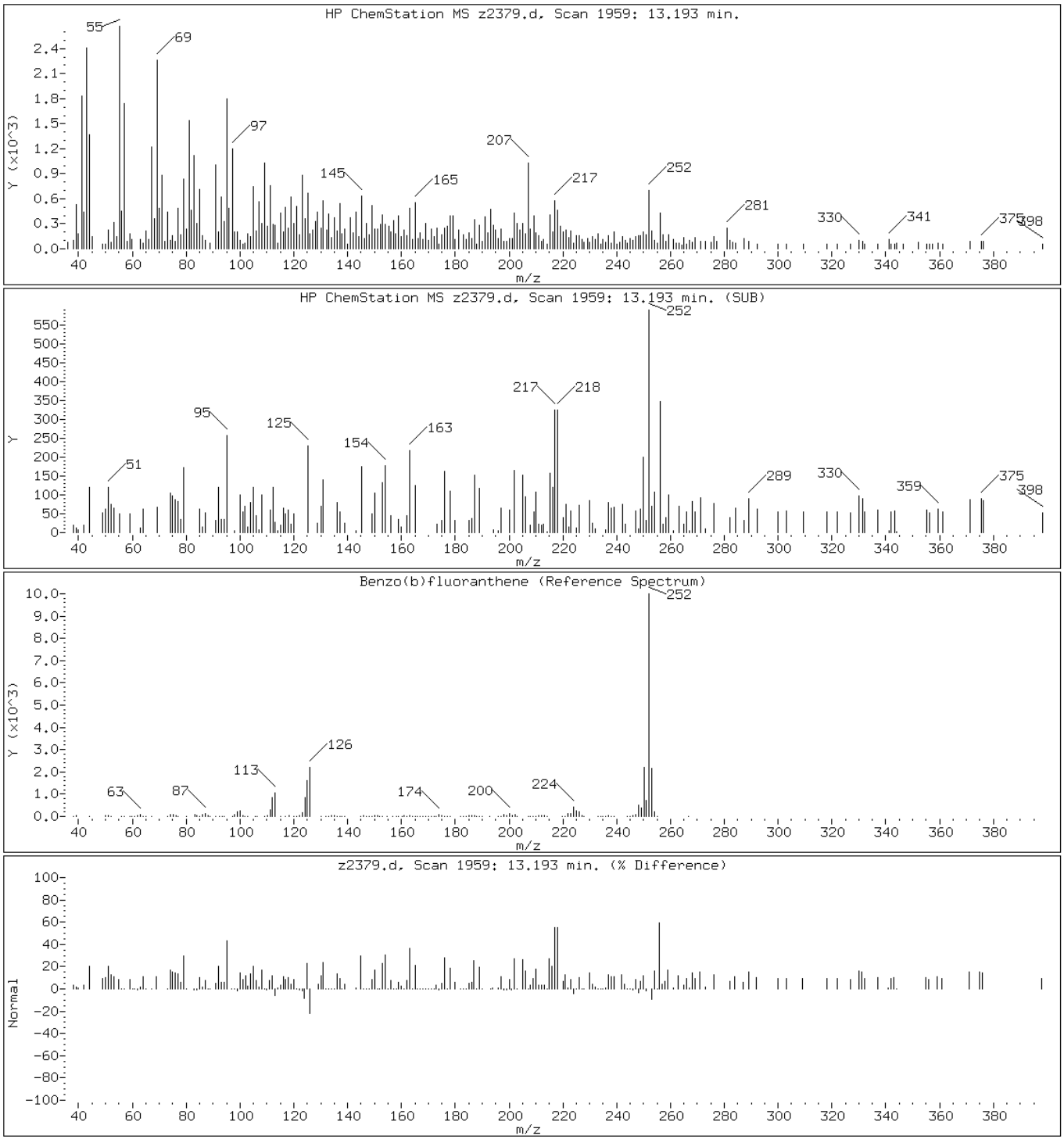
Data File: z2379.d

Date: 20-SEP-2013 09:57

Client ID: PMP-32SE-VD Instrument: BNAMS11.i

Sample Info: 460-62993-E-38-B Operator: BNAMS 4

65 Benzo(b)fluoranthene



Data File: z2379.d

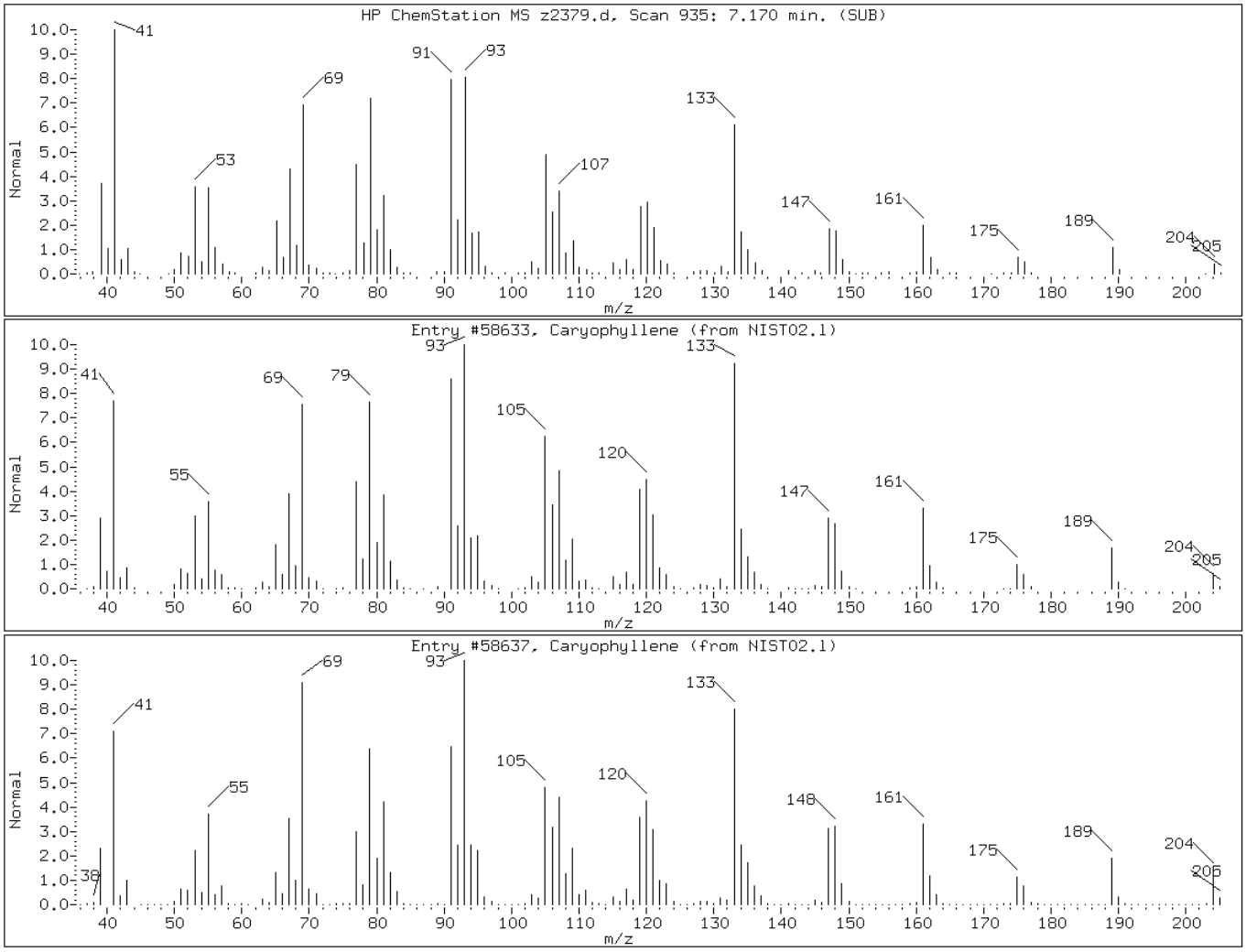
Date: 20-SEP-2013 09:57

Client ID: PMP-32SE-VD Instrument: BNAMS11.i

Sample Info: 460-62993-E-38-B Operator: BNAMS 4

Retention Time: 7.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Caryophyllene	87-44-5	NIST02.l	58633	99	C15H24	204
Caryophyllene	87-44-5	NIST02.l	58637	98	C15H24	204



Data File: z2379.d

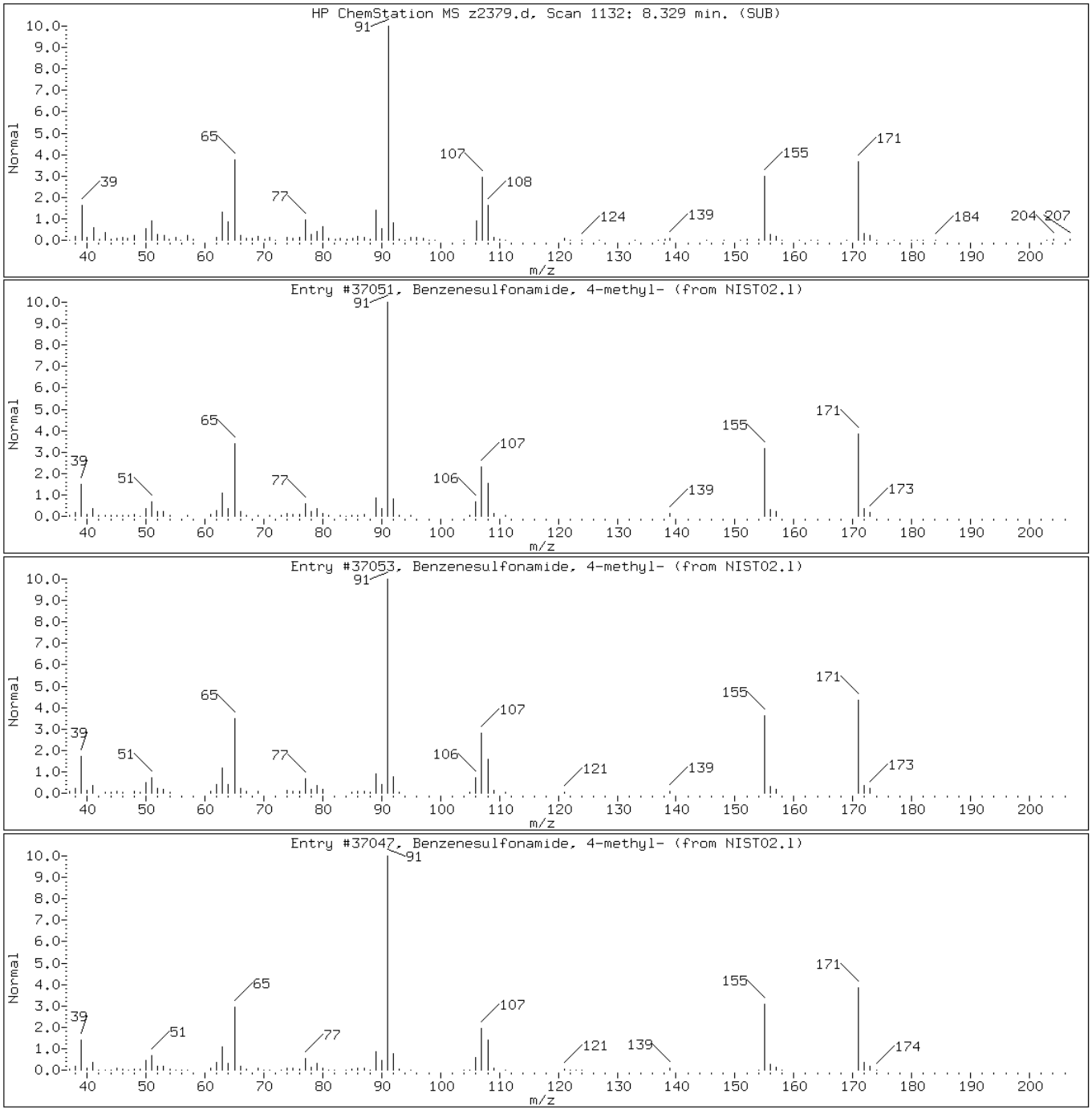
Date: 20-SEP-2013 09:57

Client ID: PMP-32SE-VD Instrument: BNAMS11.i

Sample Info: 460-62993-E-38-B Operator: BNAMS 4

Retention Time: 8.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzenesulfonamide, 4-methyl-	70-55-3	NIST02.l	37051	96	C7H9NO2S	171
Benzenesulfonamide, 4-methyl-	70-55-3	NIST02.l	37053	94	C7H9NO2S	171
Benzenesulfonamide, 4-methyl-	70-55-3	NIST02.l	37047	93	C7H9NO2S	171



Data File: z2379.d

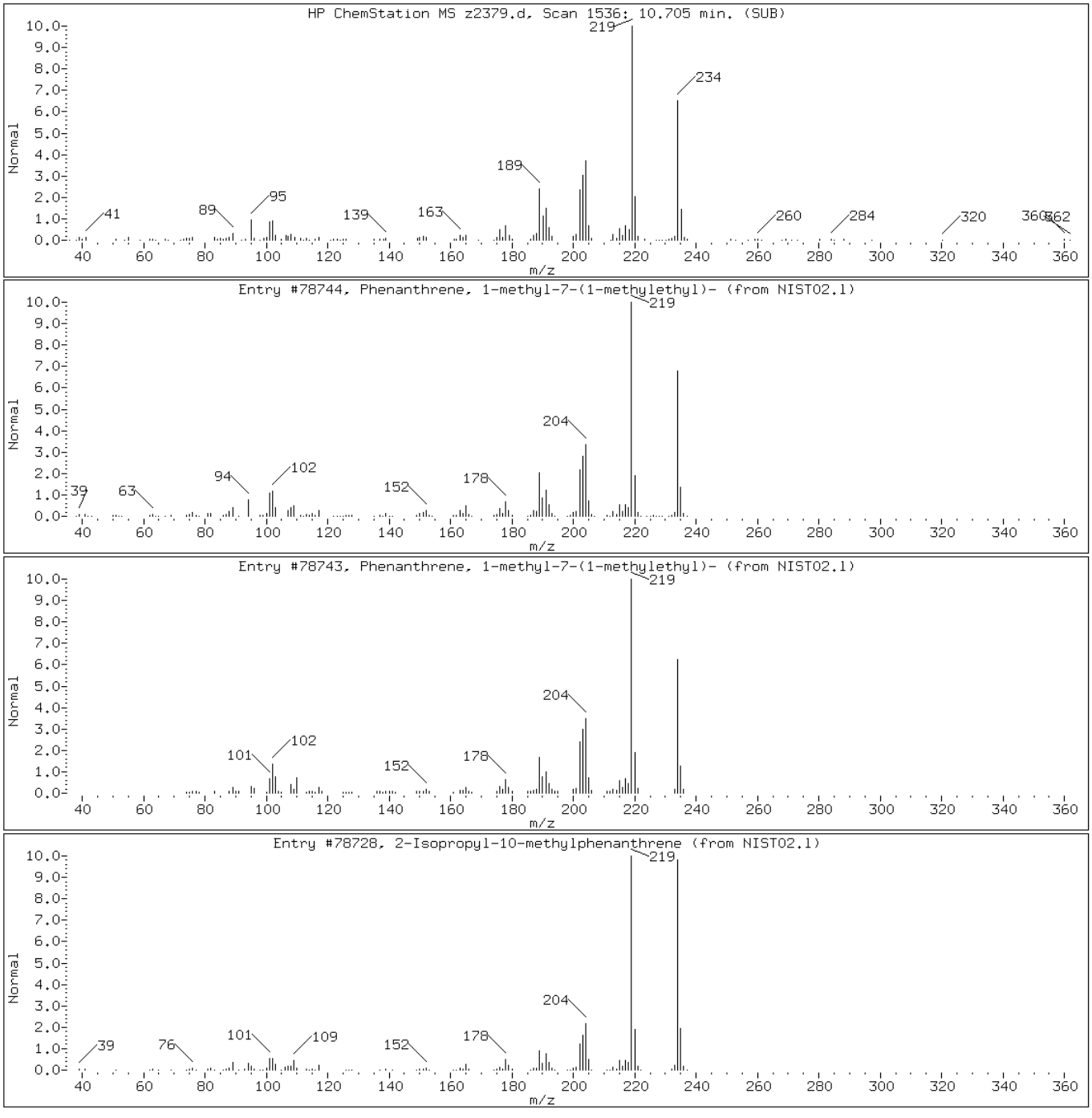
Date: 20-SEP-2013 09:57

Client ID: PMP-32SE-VD Instrument: BNAMS11.i

Sample Info: 460-62993-E-38-B Operator: BNAMS 4

Retention Time: 10.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 1-methyl-7-(1-methyl	483-65-8	NIST02.l	78744	99	C18H18	234
Phenanthrene, 1-methyl-7-(1-methyl	483-65-8	NIST02.l	78743	97	C18H18	234
2-Isopropyl-10-methylphenanthrene	66552-97-4	NIST02.l	78728	95	C18H18	234



Data File: z2379.d

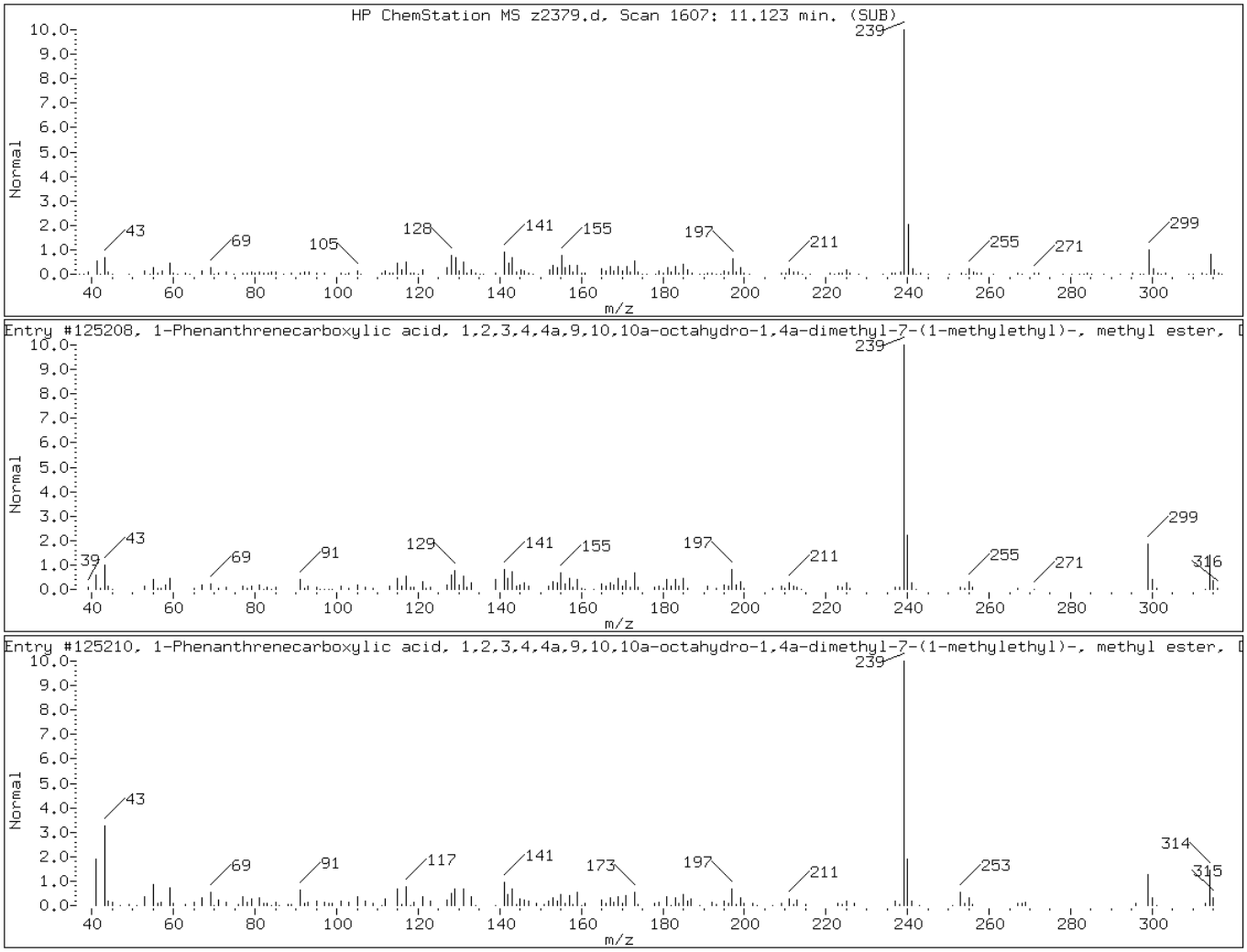
Date: 20-SEP-2013 09:57

Client ID: PMP-32SE-VD Instrument: BNAMS11.i

Sample Info: 460-62993-E-38-B Operator: BNAMS 4

Retention Time: 11.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
1-Phenanthrenecarboxylic acid, 1,2	1235-74-1	NIST02.l	125208	95	C21H30O2	314
1-Phenanthrenecarboxylic acid, 1,2	1235-74-1	NIST02.l	125210	70	C21H30O2	314



Data File: z2379.d

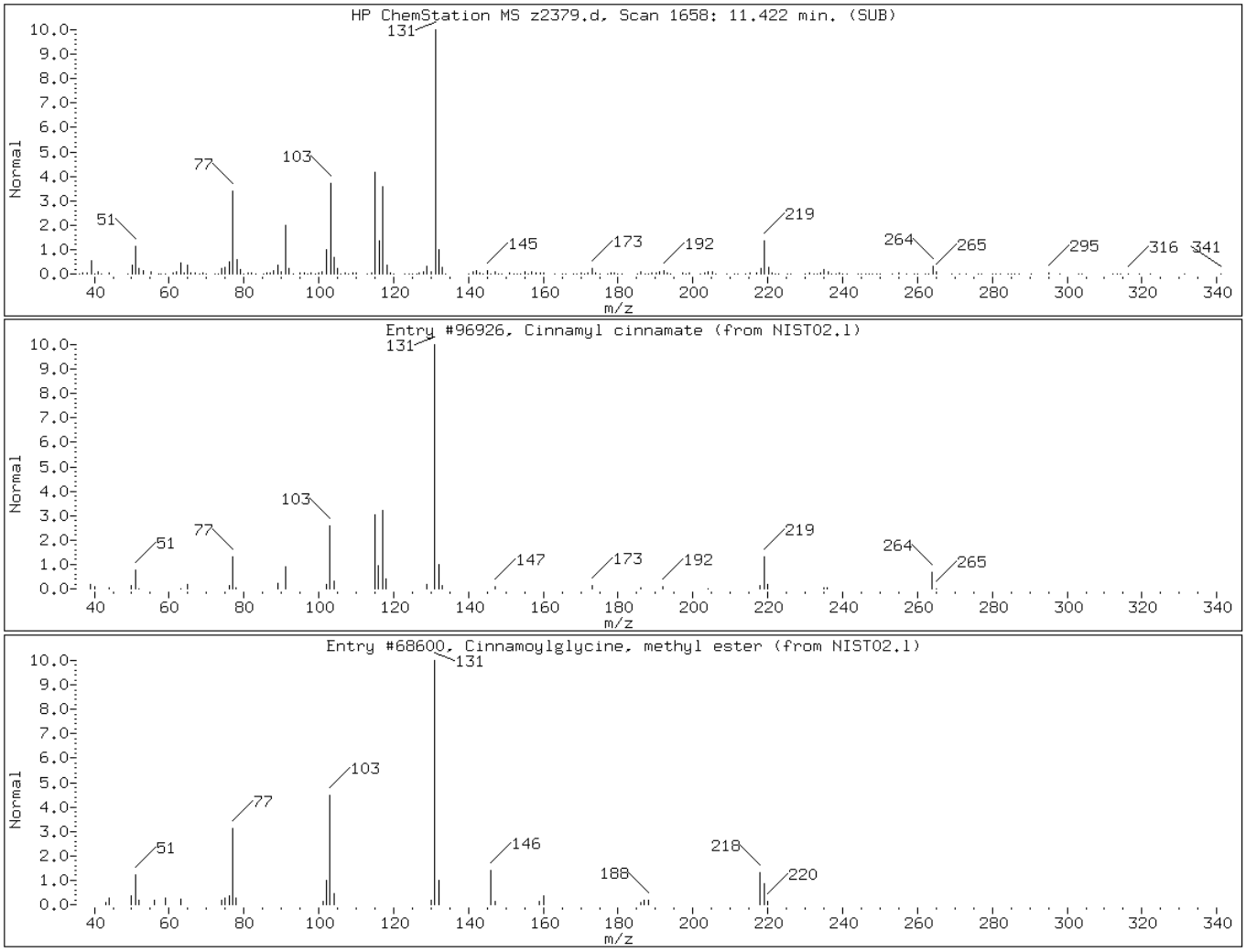
Date: 20-SEP-2013 09:57

Client ID: PMP-32SE-VD Instrument: BNAMS11.i

Sample Info: 460-62993-E-38-B Operator: BNAMS 4

Retention Time: 11.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Cinnamyl cinnamate	122-69-0	NIST02.l	96926	64	C18H16O2	264
Cinnamoylglycine, methyl ester	40778-04-9	NIST02.l	68600	58	C12H13NO3	219



Data File: z2379.d

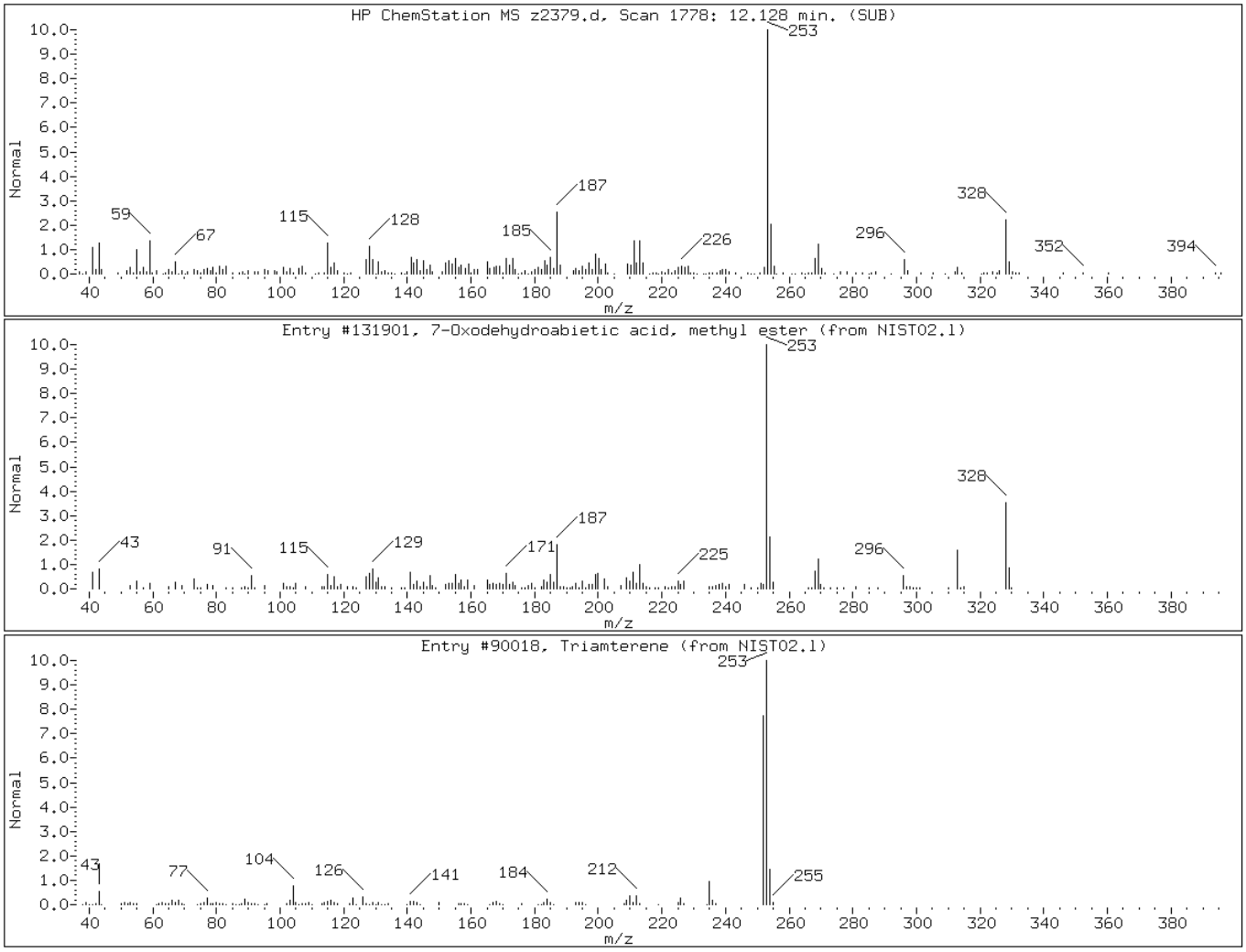
Date: 20-SEP-2013 09:57

Client ID: PMP-32SE-VD Instrument: BNAMS11.i

Sample Info: 460-62993-E-38-B Operator: BNAMS 4

Retention Time: 12.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
7-Oxodehydroabietic acid, methyl e	110936-78-2	NIST02.l	131901	95	C21H28O3	328
Triamterene	396-01-0	NIST02.l	90018	49	C12H11N7	253



Data File: z2379.d

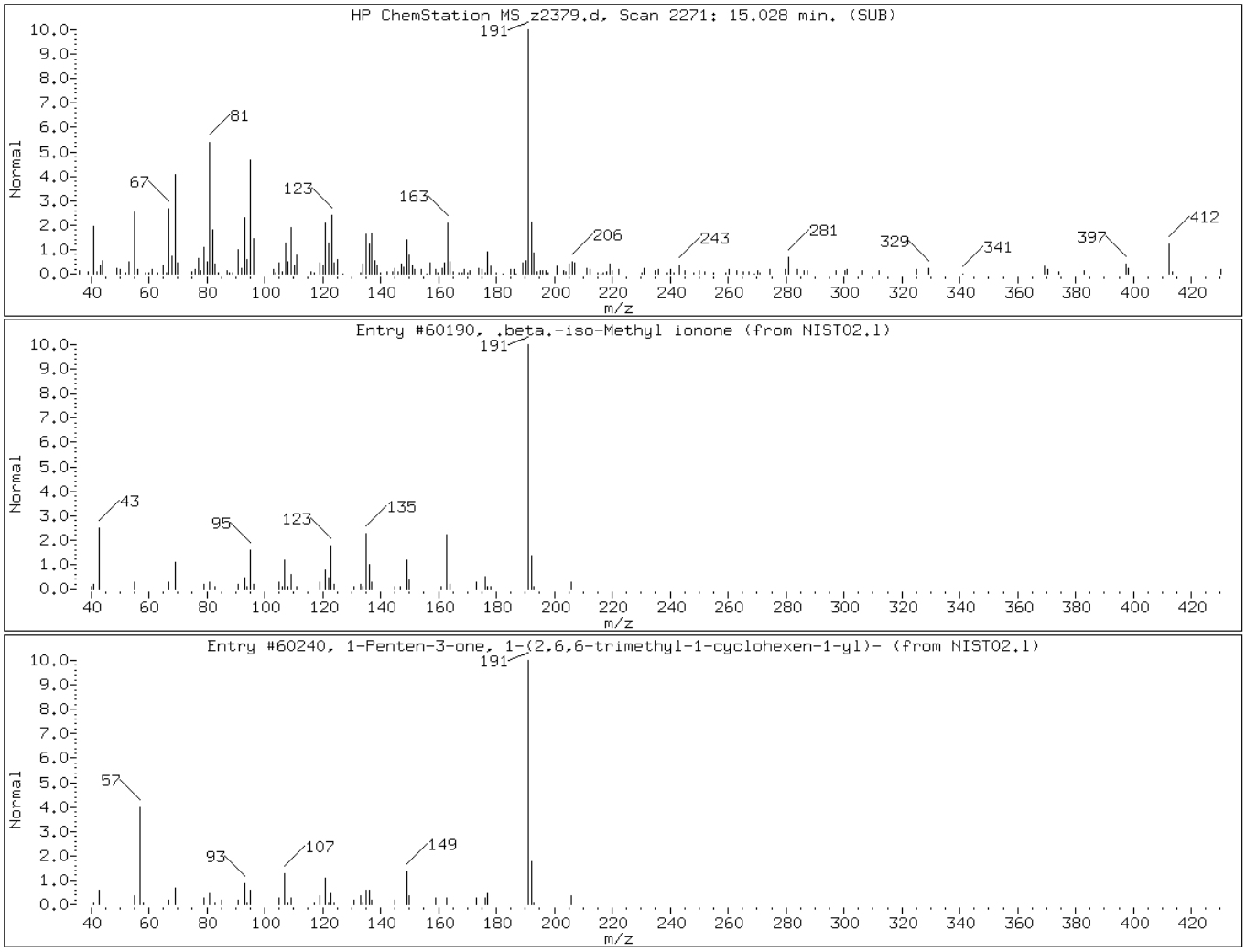
Date: 20-SEP-2013 09:57

Client ID: PMP-32SE-VD Instrument: BNAMS11.i

Sample Info: 460-62993-E-38-B Operator: BNAMS 4

Retention Time: 15.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
.beta.-iso-Methyl ionone	1000285-40-2	NIST02.l	60190	74	C14H22O	206
1-Penten-3-one, 1-(2,6,6-trimethyl	127-43-5	NIST02.l	60240	50	C14H22O	206



Data File: z2379.d

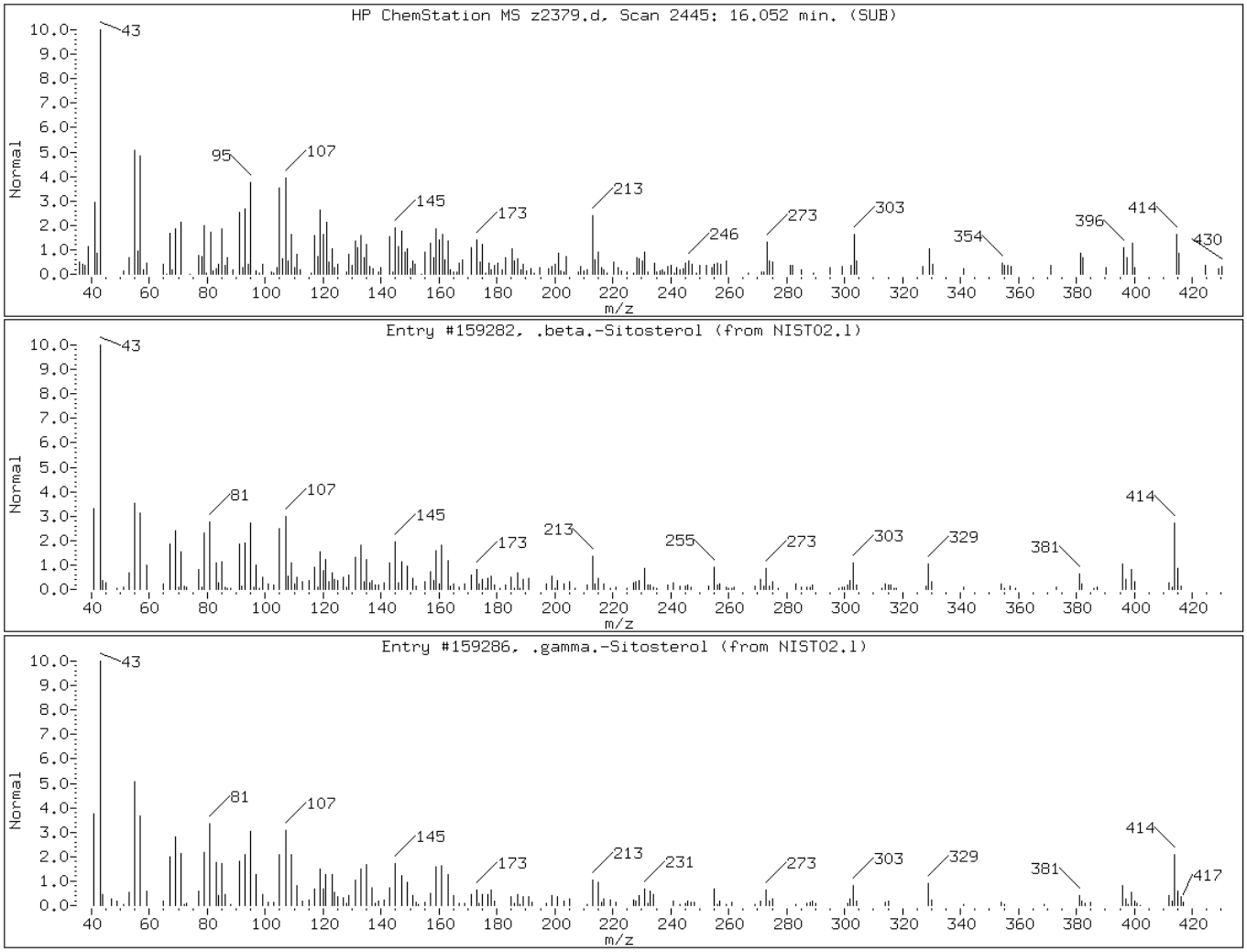
Date: 20-SEP-2013 09:57

Client ID: PMP-32SE-VD Instrument: BNAMS11.i

Sample Info: 460-62993-E-38-B Operator: BNAMS 4

Retention Time: 16.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
.beta.-Sitosterol	83-46-5	NIST02.l	159282	95	C29H50O	414
.gamma.-Sitosterol	83-47-6	NIST02.l	159286	91	C29H50O	414



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-WT | Lab Sample ID: 460-62993-39

Matrix: Solid | Lab File ID: x5378.d

Analysis Method: 8270C | Date Collected: 09/13/2013 12:40

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 02:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	52	U	380	52
95-57-8	2-Chlorophenol	51	U	380	51
95-48-7	2-Methylphenol	66	U	380	66
106-44-5	4-Methylphenol	76	U	380	76
100-52-7	Benzaldehyde	45	U	380	45
98-86-2	Acetophenone	59	U	380	59
111-44-4	Bis(2-chloroethyl)ether	5.3	U	38	5.3
108-60-1	2,2'-oxybis[1-chloropropane]	43	U	380	43
621-64-7	N-Nitrosodi-n-propylamine	6.4	U	38	6.4
98-95-3	Nitrobenzene	5.5	U	38	5.5
67-72-1	Hexachloroethane	4.3	U	38	4.3
78-59-1	Isophorone	47	U	380	47
88-75-5	2-Nitrophenol	43	U	380	43
105-67-9	2,4-Dimethylphenol	95	U	380	95
120-83-2	2,4-Dichlorophenol	56	U	380	56
111-91-1	Bis(2-chloroethoxy)methane	50	U	380	50
91-20-3	Naphthalene	45	U	380	45
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
105-60-2	Caprolactam	89	U	380	89
59-50-7	4-Chloro-3-methylphenol	58	U	380	58
91-57-6	2-Methylnaphthalene	50	U	380	50
118-74-1	Hexachlorobenzene	5.3	U	38	5.3
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
88-06-2	2,4,6-Trichlorophenol	45	U	380	45
95-95-4	2,4,5-Trichlorophenol	50	U	380	50
92-52-4	Diphenyl	52	U	380	52
91-58-7	2-Chloronaphthalene	43	U	380	43
88-74-4	2-Nitroaniline	160	U	780	160
606-20-2	2,6-Dinitrotoluene	12	U	78	12
131-11-3	Dimethyl phthalate	46	U	380	46
208-96-8	Acenaphthylene	46	U	380	46
99-09-2	3-Nitroaniline	140	U	780	140
83-32-9	Acenaphthene	56	U	380	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-WT | Lab Sample ID: 460-62993-39

Matrix: Solid | Lab File ID: x5378.d

Analysis Method: 8270C | Date Collected: 09/13/2013 12:40

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 02:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	45	U	380	45
84-66-2	Diethyl phthalate	46	U	380	46
86-73-7	Fluorene	49	U	380	49
206-44-0	Fluoranthene	51	U	380	51
84-74-2	Di-n-butyl phthalate	48	U	380	48
121-14-2	2,4-Dinitrotoluene	13	U	78	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	380	45
100-01-6	4-Nitroaniline	120	U	780	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1200	100
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
1912-24-9	Atrazine	60	U	380	60
120-12-7	Anthracene	47	U	380	47
86-74-8	Carbazole	46	U	380	46
85-01-8	Phenanthrene	49	U	380	49
87-86-5	Pentachlorophenol	110	U	1200	110
129-00-0	Pyrene	32	U	380	32
218-01-9	Chrysene	45	U	380	45
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	29	U	380	29
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.7	U	38	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	380	38
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	25	U	380	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.2	U	38	7.2
53-70-3	Dibenz(a,h)anthracene	4.9	U	38	4.9
91-94-1	3,3'-Dichlorobenzidine	140	U	780	140
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U *	380	52
58-90-2	2,3,4,6-Tetrachlorophenol	50	U *	380	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-WT Lab Sample ID: 460-62993-39

Matrix: Solid Lab File ID: x5378.d

Analysis Method: 8270C Date Collected: 09/13/2013 12:40

Extract. Method: 3541 Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 02:46

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	92		38-105
4165-62-2	Phenol-d5	80		41-118
1718-51-0	Terphenyl-d14	82		16-151
118-79-6	2,4,6-Tribromophenol	71		10-120
367-12-4	2-Fluorophenol	68		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.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-WT | Lab Sample ID: 460-62993-39

Matrix: Solid | Lab File ID: x5378.d

Analysis Method: 8270C | Date Collected: 09/13/2013 12:40

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 02:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

Number TICs Found: 3 | TIC Result Total: 2710

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	6.77	500	J
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	7.44	610	J N
10544-50-0	Cyclic octaatomic sulfur	9.10	1600	J N

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5378.d
Report Date: 19-Sep-2013 12:43

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5378.d
Lab Smp Id: 460-62993-E-39-B Client Smp ID: PMP-32SE-WT
Inj Date : 19-SEP-2013 02:46
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-62993-E-39-B
Misc Info : 460-62993-E-39-B
Comment   :
Method   : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/8270C_11.m
Meth Date : 18-Sep-2013 19:15 ranav Quant Type: ISTD
Cal Date : 10-SEP-2013 18:50 Cal File: x5049.d
Als bottle: 19
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	15.02000	Weight of sample extracted (g)
M	14.28571	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.223	2.188	(0.653)	1039554	68.0328	5300
$ 17 Phenol-d5 (SUR)	99	3.088	3.099	(0.907)	1399281	80.3031	6200
* 79 1,4-Dichlorobenzene-d4	152	3.405	3.405	(1.000)	463215	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.976	3.993	(0.845)	632682	45.7680	3600
* 80 Naphthalene-d8	136	4.705	4.711	(1.000)	1464552	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.811	5.817	(0.901)	1025495	41.6516	3200
* 82 Acenaphthene-d10	164	6.452	6.458	(1.000)	673913	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.229	7.234	(1.120)	220092	70.7874	5500
115 n-Octadecane	57	7.864	7.870	(0.996)	12926	1.33929	100(a)
* 83 Phenanthrene-d10	188	7.893	7.899	(1.000)	747337	40.0000	
$ 78 Terphenyl-d14	244	9.470	9.470	(0.904)	499293	40.8198	3200
* 81 Chrysene-d12	240	10.475	10.487	(1.000)	395827	40.0000	
* 84 Perylene-d12	264	12.122	12.122	(1.000)	344889	40.0000	

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5378.d
Report Date: 19-Sep-2013 12:43

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: x5378.d

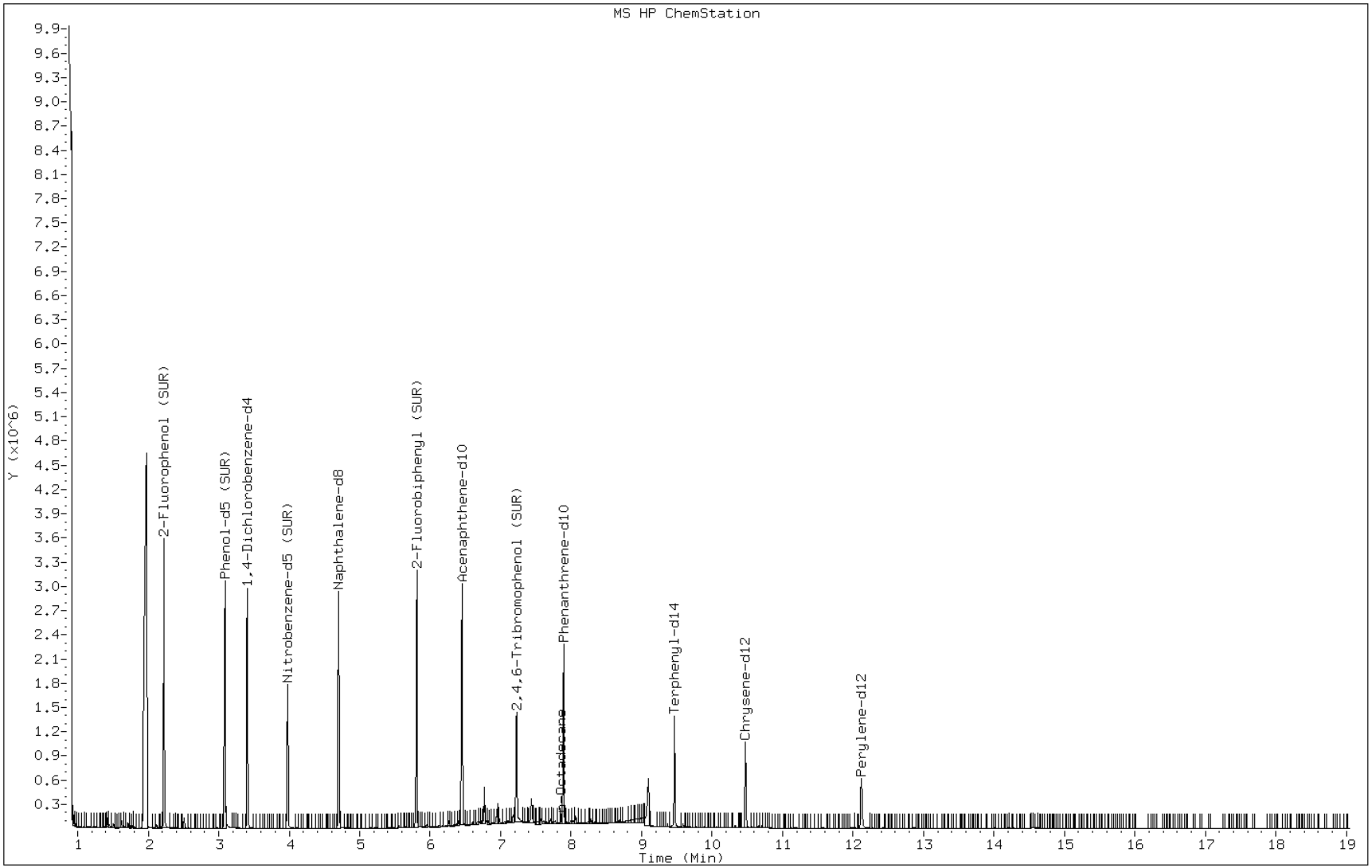
Date: 19-SEP-2013 02:46

Client ID: PMP-32SE-WT

Instrument: BNAMS5.i

Sample Info: 460-62993-E-39-B

Operator: BNAMS 4



Data File: x5378.d

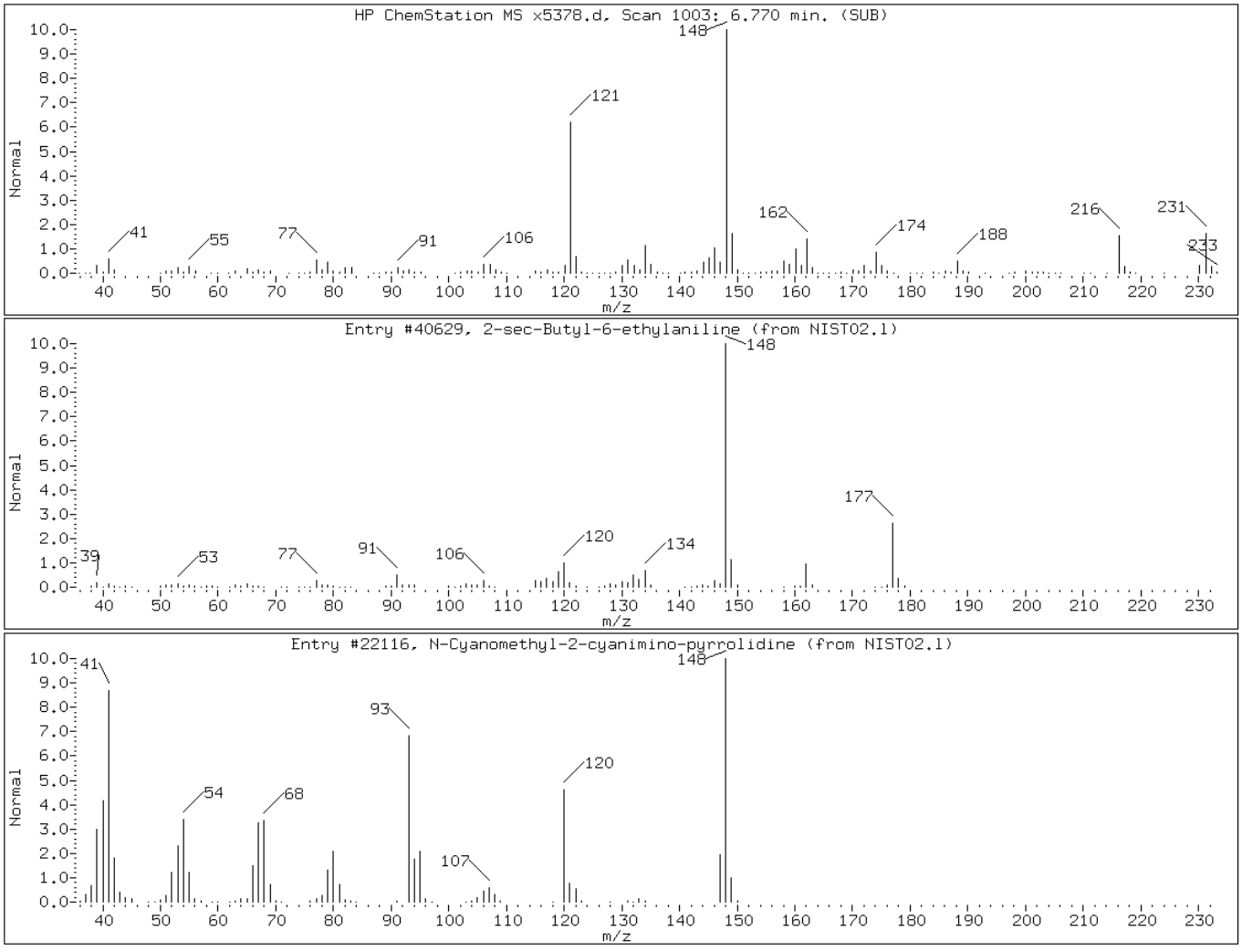
Date: 19-SEP-2013 02:46

Client ID: PMP-32SE-WT Instrument: BNAMS5.i

Sample Info: 460-62993-E-39-B Operator: BNAMS 4

Retention Time: 6.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-sec-Butyl-6-ethylaniline	71758-10-6	NIST02.l	40629	50	C12H19N	177
N-Cyanomethyl-2-cyanimino-pyrrolid	134881-46-2	NIST02.l	22116	46	C7H8N4	148



Data File: x5378.d

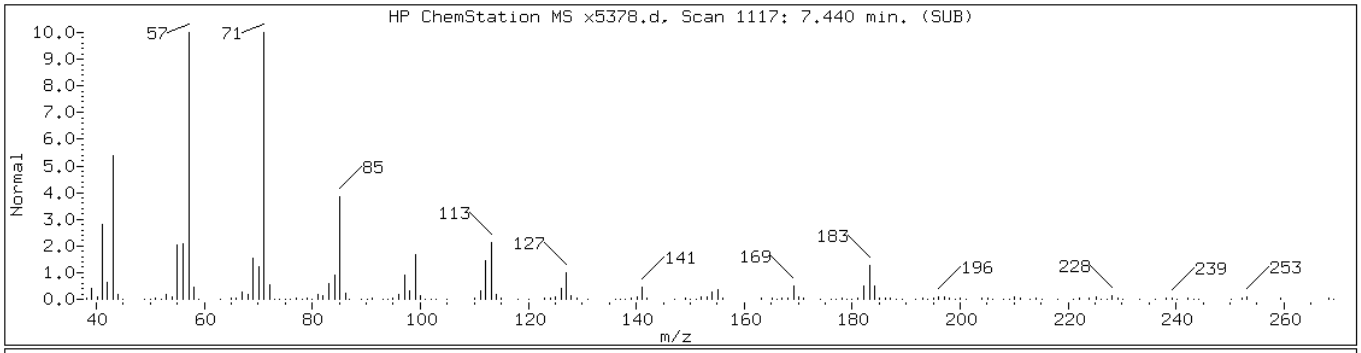
Date: 19-SEP-2013 02:46

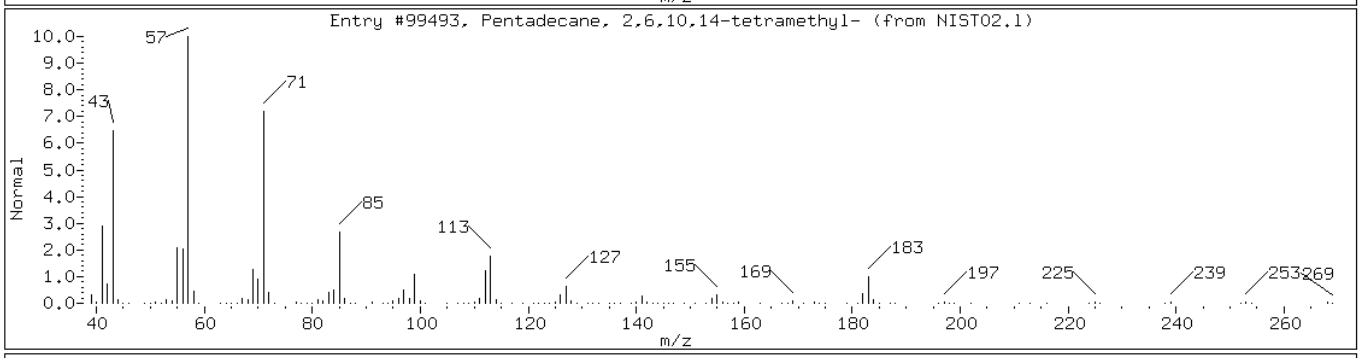
Client ID: PMP-32SE-WT Instrument: BNAMS5.i

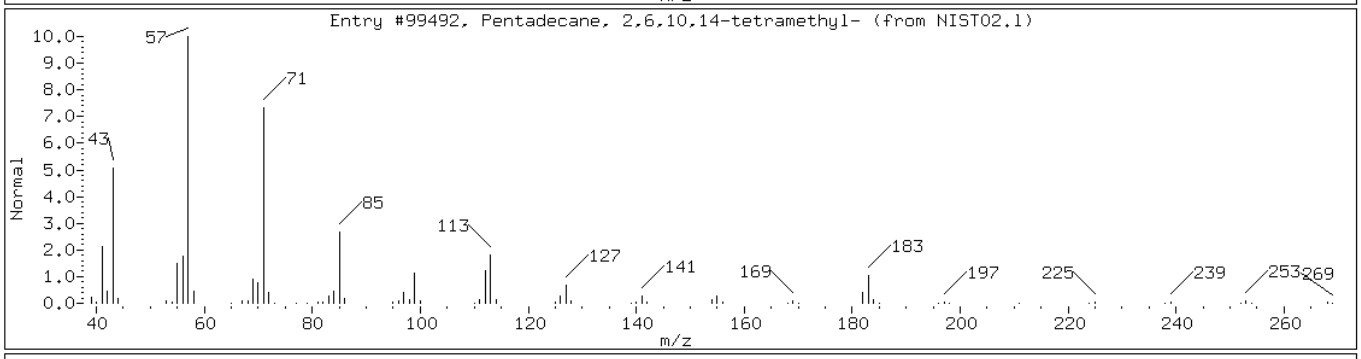
Sample Info: 460-62993-E-39-B Operator: BNAMS 4

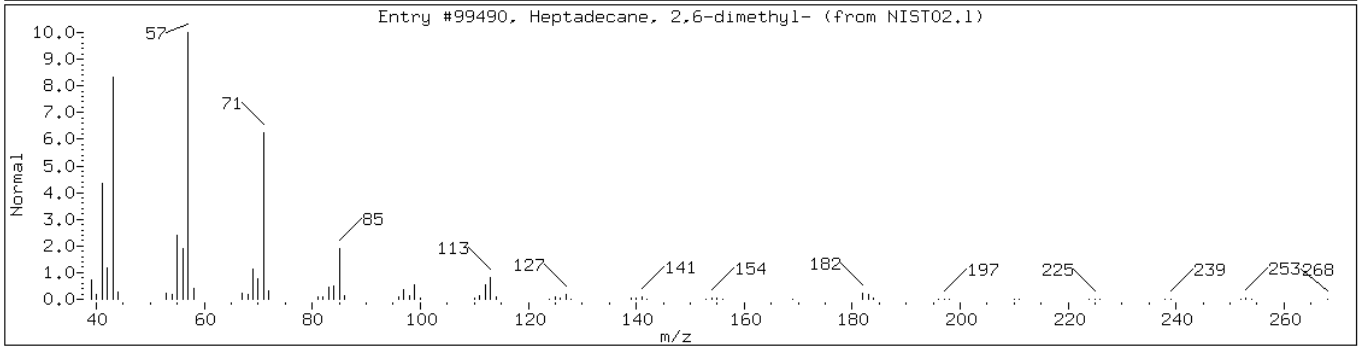
Retention Time: 7.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	98	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	98	C19H40	268
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	94	C19H40	268









Data File: x5378.d

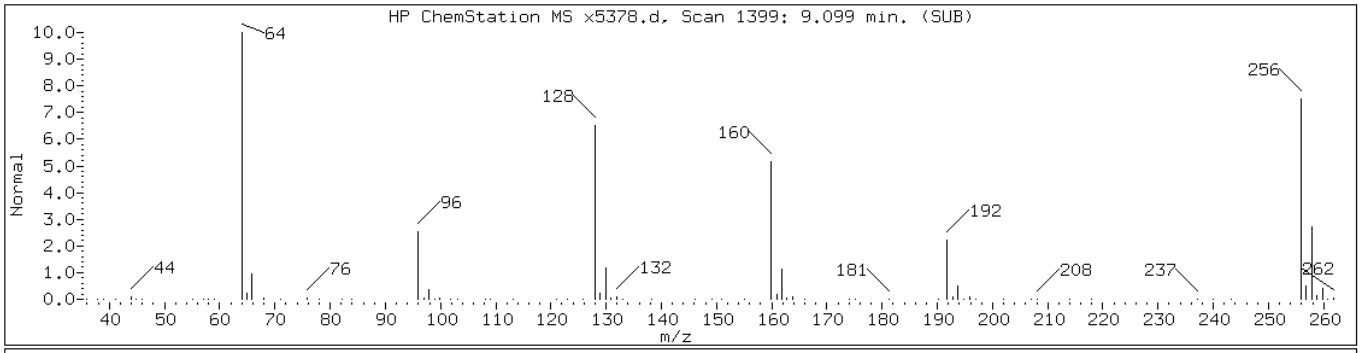
Date: 19-SEP-2013 02:46

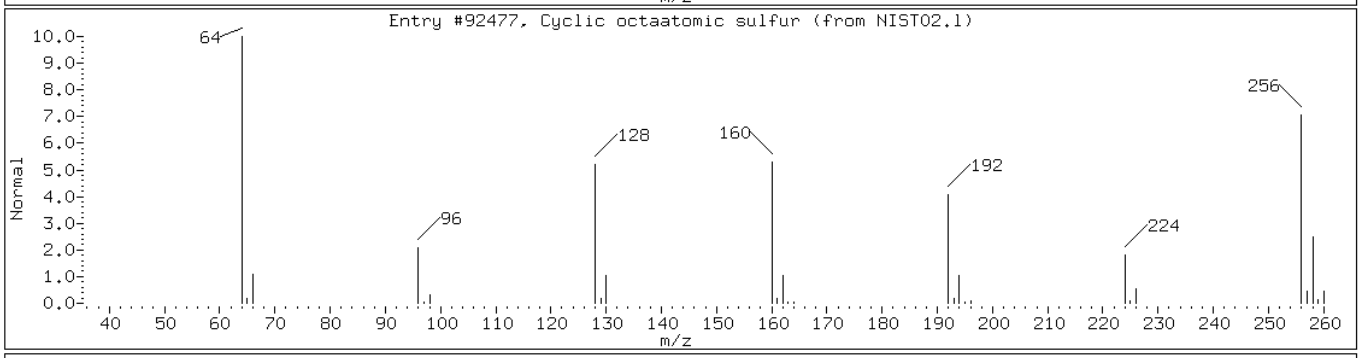
Client ID: PMP-32SE-WT Instrument: BNAMS5.i

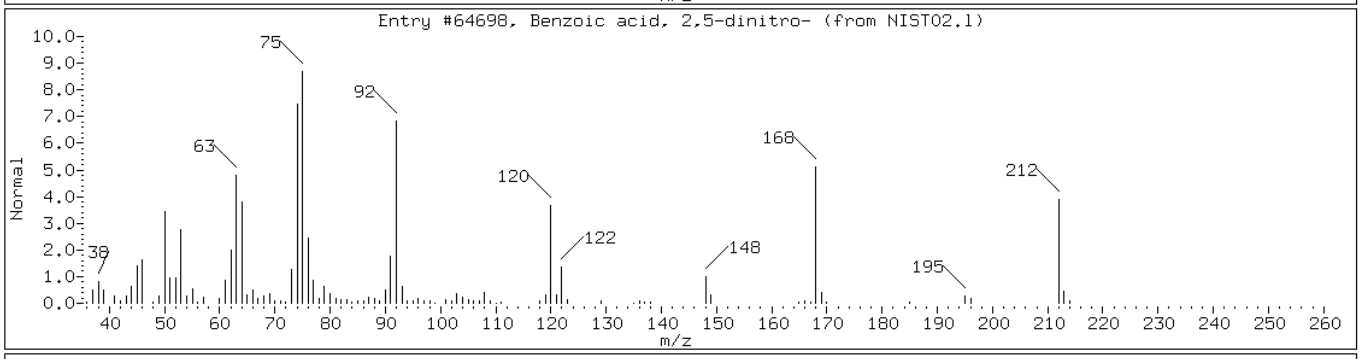
Sample Info: 460-62993-E-39-B Operator: BNAMS 4

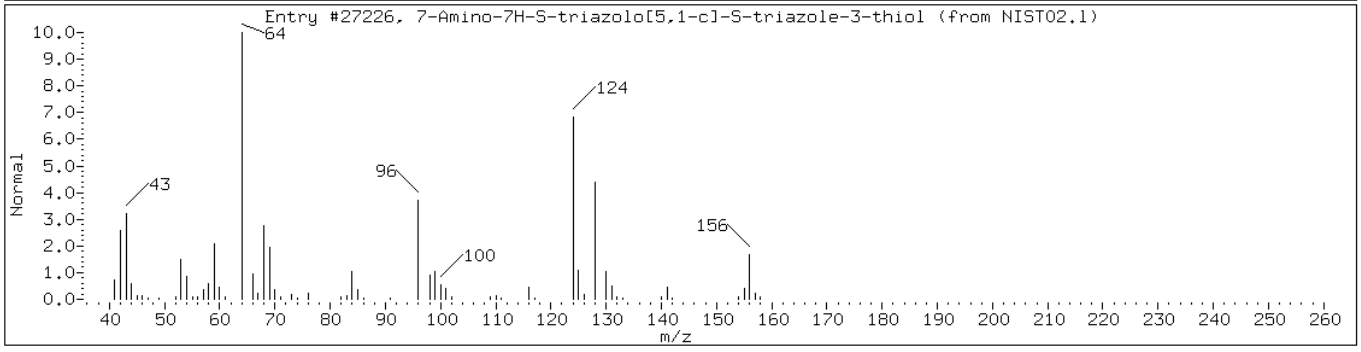
Retention Time: 9.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic octaatomic sulfur	10544-50-0	NIST02.l	92477	94	S8	256
Benzoic acid, 2,5-dinitro-	610-28-6	NIST02.l	64698	43	C7H4N2O6	212
7-Amino-7H-S-triazolo[5,1-c]-S-tri	13728-28-4	NIST02.l	27226	33	C3H4N6S	156









FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP-091313 | Lab Sample ID: 460-62993-40

Matrix: Solid | Lab File ID: x5379.d

Analysis Method: 8270C | Date Collected: 09/13/2013 00:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 03:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	46	U	340	46
95-57-8	2-Chlorophenol	45	U	340	45
95-48-7	2-Methylphenol	59	U	340	59
106-44-5	4-Methylphenol	68	U	340	68
100-52-7	Benzaldehyde	40	U	340	40
98-86-2	Acetophenone	53	U	340	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	340	38
621-64-7	N-Nitrosodi-n-propylamine	5.7	U	34	5.7
98-95-3	Nitrobenzene	4.9	U	34	4.9
67-72-1	Hexachloroethane	3.8	U	34	3.8
78-59-1	Isophorone	42	U	340	42
88-75-5	2-Nitrophenol	38	U	340	38
105-67-9	2,4-Dimethylphenol	85	U	340	85
120-83-2	2,4-Dichlorophenol	50	U	340	50
111-91-1	Bis(2-chloroethoxy)methane	44	U	340	44
91-20-3	Naphthalene	40	U	340	40
106-47-8	4-Chloroaniline	91	U	340	91
87-68-3	Hexachlorobutadiene	8.4	U	70	8.4
105-60-2	Caprolactam	79	U	340	79
59-50-7	4-Chloro-3-methylphenol	52	U	340	52
91-57-6	2-Methylnaphthalene	44	U	340	44
118-74-1	Hexachlorobenzene	4.7	U	34	4.7
77-47-4	Hexachlorocyclopentadiene	40	U	340	40
88-06-2	2,4,6-Trichlorophenol	40	U	340	40
95-95-4	2,4,5-Trichlorophenol	44	U	340	44
92-52-4	Diphenyl	46	U	340	46
91-58-7	2-Chloronaphthalene	38	U	340	38
88-74-4	2-Nitroaniline	140	U	700	140
606-20-2	2,6-Dinitrotoluene	10	U	70	10
131-11-3	Dimethyl phthalate	41	U	340	41
208-96-8	Acenaphthylene	41	U	340	41
99-09-2	3-Nitroaniline	120	U	700	120
83-32-9	Acenaphthene	50	U	340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP-091313 | Lab Sample ID: 460-62993-40

Matrix: Solid | Lab File ID: x5379.d

Analysis Method: 8270C | Date Collected: 09/13/2013 00:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 03:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1000	220
51-28-5	2,4-Dinitrophenol	200	U	1000	200
132-64-9	Dibenzofuran	40	U	340	40
84-66-2	Diethyl phthalate	41	U	340	41
86-73-7	Fluorene	44	U	340	44
206-44-0	Fluoranthene	46	U	340	46
84-74-2	Di-n-butyl phthalate	42	U	340	42
121-14-2	2,4-Dinitrotoluene	11	U	70	11
7005-72-3	4-Chlorophenyl phenyl ether	40	U	340	40
100-01-6	4-Nitroaniline	110	U	700	110
534-52-1	4,6-Dinitro-2-methylphenol	94	U	1000	94
101-55-3	4-Bromophenyl phenyl ether	34	U	340	34
1912-24-9	Atrazine	53	U	340	53
120-12-7	Anthracene	42	U	340	42
86-74-8	Carbazole	41	U	340	41
85-01-8	Phenanthrene	44	U	340	44
87-86-5	Pentachlorophenol	100	U	1000	100
129-00-0	Pyrene	29	U	340	29
218-01-9	Chrysene	40	U	340	40
207-08-9	Benzo[k]fluoranthene	2.6	U	34	2.6
191-24-2	Benzo[g,h,i]perylene	25	U	340	25
205-99-2	Benzo[b]fluoranthene	2.2	U	34	2.2
50-32-8	Benzo[a]pyrene	2.4	U	34	2.4
56-55-3	Benzo[a]anthracene	2.4	U	34	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	340	34
85-68-7	Butyl benzyl phthalate	31	U	340	31
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	340	110
117-84-0	Di-n-octyl phthalate	22	U	340	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.4	U	34	6.4
53-70-3	Dibenz(a,h)anthracene	4.3	U	34	4.3
91-94-1	3,3'-Dichlorobenzidine	120	U	700	120
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U *	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	45	U *	340	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP-091313 Lab Sample ID: 460-62993-40

Matrix: Solid Lab File ID: x5379.d

Analysis Method: 8270C Date Collected: 09/13/2013 00:00

Extract. Method: 3541 Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.03(g) Date Analyzed: 09/19/2013 03:12

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	78		38-105
4165-62-2	Phenol-d5	80		41-118
1718-51-0	Terphenyl-d14	80		16-151
118-79-6	2,4,6-Tribromophenol	73		10-120
367-12-4	2-Fluorophenol	67		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.: 460-62993-1

SDG No.:

Client Sample ID: DUP-091313 Lab Sample ID: 460-62993-40

Matrix: Solid Lab File ID: x5379.d

Analysis Method: 8270C Date Collected: 09/13/2013 00:00

Extract. Method: 3541 Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.03(g) Date Analyzed: 09/19/2013 03:12

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 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/8270/09-10-13/18sep13a.b/x5379.d
Report Date: 19-Sep-2013 12:45

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5379.d
Lab Smp Id: 460-62993-E-40-B Client Smp ID: DUP-091313
Inj Date : 19-SEP-2013 03:12
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-62993-E-40-B
Misc Info : 460-62993-E-40-B
Comment   :
Method   : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/8270C_11.m
Meth Date : 18-Sep-2013 19:15 ranav Quant Type: ISTD
Cal Date : 10-SEP-2013 18:50 Cal File: x5049.d
Als bottle: 20
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	15.03000	Weight of sample extracted (g)
M	3.92157	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.223	2.188	(0.653)	881900	67.2272	4600
$ 17 Phenol-d5 (SUR)	99	3.088	3.099	(0.907)	1189621	79.5225	5500
* 79 1,4-Dichlorobenzene-d4	152	3.405	3.405	(1.000)	397675	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.976	3.993	(0.845)	512872	38.9567	2700
* 80 Naphthalene-d8	136	4.705	4.711	(1.000)	1394787	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.811	5.817	(0.901)	947492	41.2306	2800
* 82 Acenaphthene-d10	164	6.452	6.458	(1.000)	629010	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.229	7.234	(1.120)	211927	73.0272	5000
115 n-Octadecane	57	7.864	7.870	(0.996)	2534	0.28734	20(aH)
* 83 Phenanthrene-d10	188	7.893	7.899	(1.000)	682863	40.0000	
$ 78 Terphenyl-d14	244	9.470	9.470	(0.904)	455845	39.8952	2800
* 81 Chrysene-d12	240	10.475	10.487	(1.000)	369758	40.0000	
* 84 Perylene-d12	264	12.117	12.122	(1.000)	328270	40.0000	

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5379.d
Report Date: 19-Sep-2013 12:45

QC Flag Legend

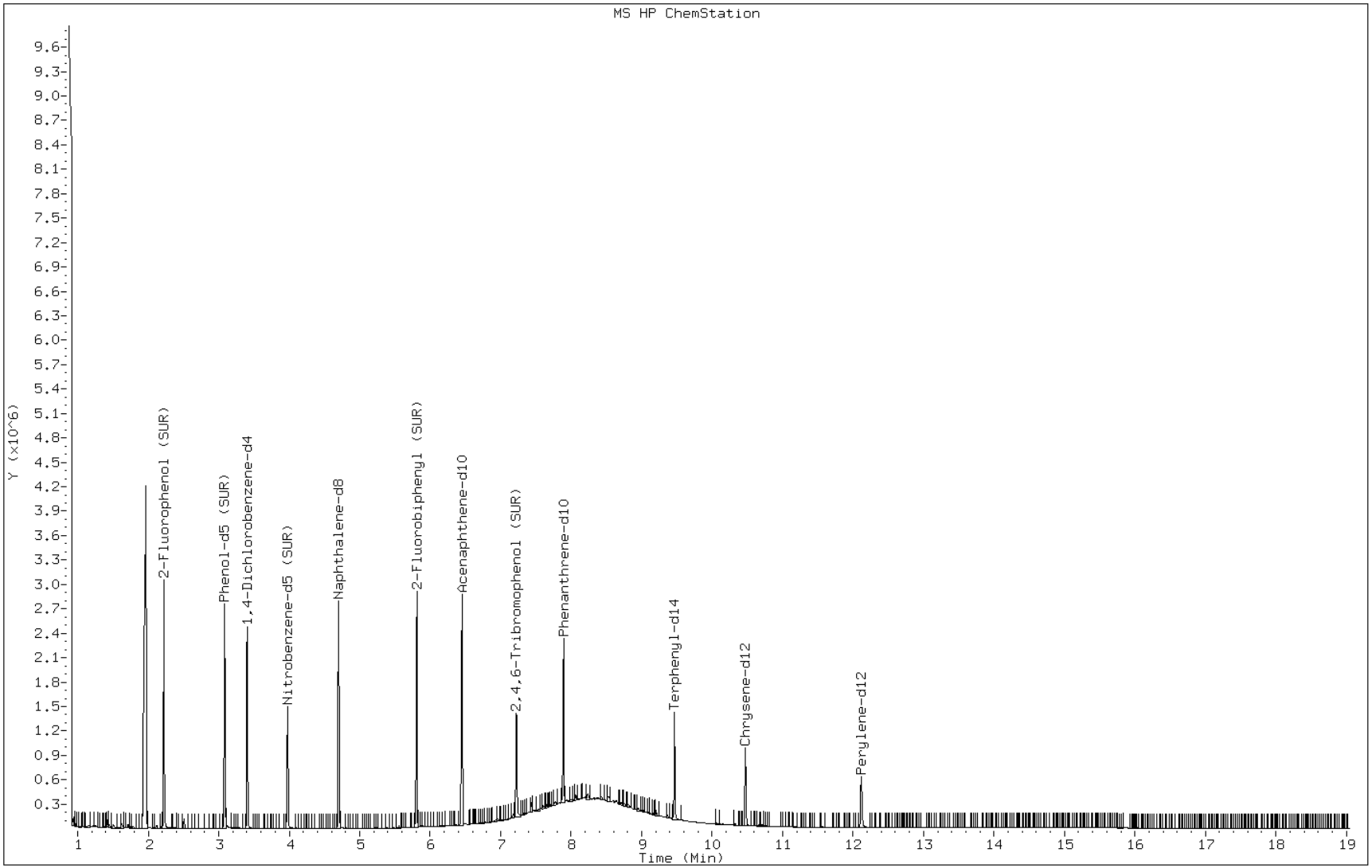
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: x5379.d

Date: 19-SEP-2013 03:12

Client ID: DUP-091313 Instrument: BNAMS5.i

Sample Info: 460-62993-E-40-B Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP1-091313 | Lab Sample ID: 460-62993-41

Matrix: Solid | Lab File ID: x5373.d

Analysis Method: 8270C | Date Collected: 09/13/2013 00:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 00:38

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.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	51	U	380	51
95-57-8	2-Chlorophenol	49	U	380	49
95-48-7	2-Methylphenol	64	U	380	64
106-44-5	4-Methylphenol	74	U	380	74
100-52-7	Benzaldehyde	44	U	380	44
98-86-2	Acetophenone	58	U	380	58
111-44-4	Bis(2-chloroethyl)ether	5.1	U	38	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	380	42
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	38	6.3
98-95-3	Nitrobenzene	5.3	U	38	5.3
67-72-1	Hexachloroethane	4.2	U	38	4.2
78-59-1	Isophorone	46	U	380	46
88-75-5	2-Nitrophenol	42	U	380	42
105-67-9	2,4-Dimethylphenol	93	U	380	93
120-83-2	2,4-Dichlorophenol	55	U	380	55
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
91-20-3	Naphthalene	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.2	U	76	9.2
105-60-2	Caprolactam	87	U	380	87
59-50-7	4-Chloro-3-methylphenol	57	U	380	57
91-57-6	2-Methylnaphthalene	48	U	380	48
118-74-1	Hexachlorobenzene	5.1	U	38	5.1
77-47-4	Hexachlorocyclopentadiene	44	U	380	44
88-06-2	2,4,6-Trichlorophenol	44	U	380	44
95-95-4	2,4,5-Trichlorophenol	49	U	380	49
92-52-4	Diphenyl	50	U	380	50
91-58-7	2-Chloronaphthalene	42	U	380	42
88-74-4	2-Nitroaniline	160	U	760	160
606-20-2	2,6-Dinitrotoluene	11	U	76	11
131-11-3	Dimethyl phthalate	45	U	380	45
208-96-8	Acenaphthylene	44	U	380	44
99-09-2	3-Nitroaniline	130	U	760	130
83-32-9	Acenaphthene	55	U	380	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP1-091313 | Lab Sample ID: 460-62993-41

Matrix: Solid | Lab File ID: x5373.d

Analysis Method: 8270C | Date Collected: 09/13/2013 00:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 00:38

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.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	44	U	380	44
84-66-2	Diethyl phthalate	45	U	380	45
86-73-7	Fluorene	48	U	380	48
206-44-0	Fluoranthene	50	U	380	50
84-74-2	Di-n-butyl phthalate	46	U	380	46
121-14-2	2,4-Dinitrotoluene	12	U	76	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	380	44
100-01-6	4-Nitroaniline	120	U	760	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	37	U	380	37
1912-24-9	Atrazine	58	U	380	58
120-12-7	Anthracene	46	U	380	46
86-74-8	Carbazole	44	U	380	44
85-01-8	Phenanthrene	48	U	380	48
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	32	U	380	32
218-01-9	Chrysene	44	U	380	44
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.6	U	38	2.6
86-30-6	N-Nitrosodiphenylamine	37	U	380	37
85-68-7	Butyl benzyl phthalate	34	U	380	34
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	24	U	380	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.0	U	38	7.0
53-70-3	Dibenz(a,h)anthracene	4.7	U	38	4.7
91-94-1	3,3'-Dichlorobenzidine	130	U	760	130
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U *	380	51
58-90-2	2,3,4,6-Tetrachlorophenol	49	U *	380	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP1-091313 Lab Sample ID: 460-62993-41

Matrix: Solid Lab File ID: x5373.d

Analysis Method: 8270C Date Collected: 09/13/2013 00:00

Extract. Method: 3541 Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 00:38

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.: 182214 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	55		38-105
4165-62-2	Phenol-d5	70		41-118
1718-51-0	Terphenyl-d14	84		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	63		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP1-091313 | Lab Sample ID: 460-62993-41

Matrix: Solid | Lab File ID: x5373.d

Analysis Method: 8270C | Date Collected: 09/13/2013 00:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 00:38

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.: 182214 | 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/8270/09-10-13/18sep13a.b/x5373.d
Report Date: 19-Sep-2013 12:32

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5373.d
Lab Smp Id: 460-62993-E-41-B Client Smp ID: DUP1-091313
Inj Date : 19-SEP-2013 00:38
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-62993-E-41-B
Misc Info : 460-62993-E-41-B
Comment   :
Method   : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/8270C_11.m
Meth Date : 18-Sep-2013 19:15 ranav Quant Type: ISTD
Cal Date : 10-SEP-2013 18:50 Cal File: x5049.d
Als bottle: 14
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	15.02000	Weight of sample extracted (g)
M	12.19931	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.223	2.188	(0.653)	777939	55.3395	4200
$ 17 Phenol-d5 (SUR)	99	3.088	3.099	(0.907)	1129388	70.4512	5300
* 79 1,4-Dichlorobenzene-d4	152	3.405	3.405	(1.000)	426152	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.976	3.993	(0.845)	390794	27.6734	2100
* 80 Naphthalene-d8	136	4.705	4.711	(1.000)	1496122	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.811	5.817	(0.901)	851992	31.4839	2400
* 82 Acenaphthene-d10	164	6.452	6.458	(1.000)	740712	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.229	7.234	(1.120)	238164	69.6919	5300
115 n-Octadecane	57	7.864	7.870	(0.996)	10213	0.89627	68(a)
* 83 Phenanthrene-d10	188	7.893	7.899	(1.000)	882351	40.0000	
$ 78 Terphenyl-d14	244	9.470	9.470	(0.904)	518827	41.8817	3200
* 81 Chrysene-d12	240	10.475	10.487	(1.000)	400884	40.0000	
* 84 Perylene-d12	264	12.122	12.122	(1.000)	332964	40.0000	

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5373.d
Report Date: 19-Sep-2013 12:32

QC Flag Legend

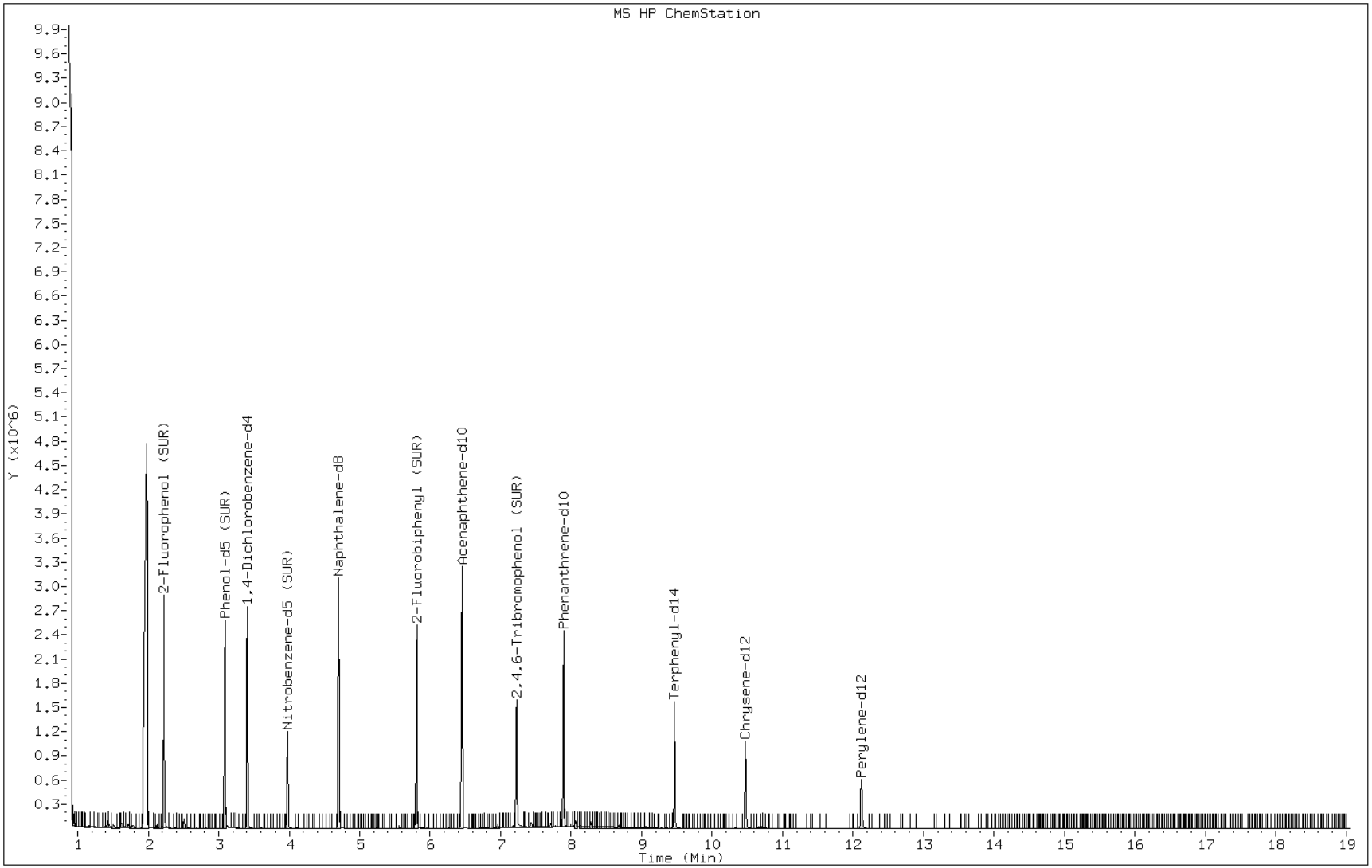
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: x5373.d

Date: 19-SEP-2013 00:38

Client ID: DUP1-091313 Instrument: BNAMS5.i

Sample Info: 460-62993-E-41-B Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP2-091313 | Lab Sample ID: 460-62993-42

Matrix: Solid | Lab File ID: x5374.d

Analysis Method: 8270C | Date Collected: 09/13/2013 00:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 01:04

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	52	U	380	52
95-57-8	2-Chlorophenol	51	U	380	51
95-48-7	2-Methylphenol	66	U	380	66
106-44-5	4-Methylphenol	76	U	380	76
100-52-7	Benzaldehyde	45	U	380	45
98-86-2	Acetophenone	59	U	380	59
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	43	U	380	43
621-64-7	N-Nitrosodi-n-propylamine	6.4	U	38	6.4
98-95-3	Nitrobenzene	5.5	U	38	5.5
67-72-1	Hexachloroethane	4.3	U	38	4.3
78-59-1	Isophorone	47	U	380	47
88-75-5	2-Nitrophenol	43	U	380	43
105-67-9	2,4-Dimethylphenol	95	U	380	95
120-83-2	2,4-Dichlorophenol	56	U	380	56
111-91-1	Bis(2-chloroethoxy)methane	50	U	380	50
91-20-3	Naphthalene	45	U	380	45
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
105-60-2	Caprolactam	89	U	380	89
59-50-7	4-Chloro-3-methylphenol	58	U	380	58
91-57-6	2-Methylnaphthalene	49	U	380	49
118-74-1	Hexachlorobenzene	5.3	U	38	5.3
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
88-06-2	2,4,6-Trichlorophenol	45	U	380	45
95-95-4	2,4,5-Trichlorophenol	50	U	380	50
92-52-4	Diphenyl	52	U	380	52
91-58-7	2-Chloronaphthalene	43	U	380	43
88-74-4	2-Nitroaniline	160	U	780	160
606-20-2	2,6-Dinitrotoluene	12	U	78	12
131-11-3	Dimethyl phthalate	46	U	380	46
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	140	U	780	140
83-32-9	Acenaphthene	56	U	380	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP2-091313 | Lab Sample ID: 460-62993-42

Matrix: Solid | Lab File ID: x5374.d

Analysis Method: 8270C | Date Collected: 09/13/2013 00:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 01:04

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	45	U	380	45
84-66-2	Diethyl phthalate	46	U	380	46
86-73-7	Fluorene	49	U	380	49
206-44-0	Fluoranthene	51	U	380	51
84-74-2	Di-n-butyl phthalate	47	U	380	47
121-14-2	2,4-Dinitrotoluene	13	U	78	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	380	45
100-01-6	4-Nitroaniline	120	U	780	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1200	100
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
1912-24-9	Atrazine	59	U	380	59
120-12-7	Anthracene	47	U	380	47
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	49	U	380	49
87-86-5	Pentachlorophenol	110	U	1200	110
129-00-0	Pyrene	32	U	380	32
218-01-9	Chrysene	45	U	380	45
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	29	U	380	29
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.7	U	38	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	380	38
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	25	U	380	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.2	U	38	7.2
53-70-3	Dibenz(a,h)anthracene	4.9	U	38	4.9
91-94-1	3,3'-Dichlorobenzidine	130	U	780	130
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U *	380	52
58-90-2	2,3,4,6-Tetrachlorophenol	50	U *	380	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP2-091313 Lab Sample ID: 460-62993-42

Matrix: Solid Lab File ID: x5374.d

Analysis Method: 8270C Date Collected: 09/13/2013 00:00

Extract. Method: 3541 Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 01:04

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	69		38-105
4165-62-2	Phenol-d5	77		41-118
1718-51-0	Terphenyl-d14	80		16-151
118-79-6	2,4,6-Tribromophenol	65		10-120
367-12-4	2-Fluorophenol	56		37-125
321-60-8	2-Fluorobiphenyl	71		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP2-091313 Lab Sample ID: 460-62993-42

Matrix: Solid Lab File ID: x5374.d

Analysis Method: 8270C Date Collected: 09/13/2013 00:00

Extract. Method: 3541 Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 01:04

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 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/8270/09-10-13/18sep13a.b/x5374.d
Report Date: 19-Sep-2013 12:33

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5374.d
Lab Smp Id: 460-62993-E-42-B Client Smp ID: DUP2-091313
Inj Date : 19-SEP-2013 01:04
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-62993-E-42-B
Misc Info : 460-62993-E-42-B
Comment   :
Method   : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/8270C_11.m
Meth Date : 18-Sep-2013 19:15 ranav Quant Type: ISTD
Cal Date : 10-SEP-2013 18:50 Cal File: x5049.d
Als bottle: 15
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	15.01000	Weight of sample extracted (g)
M	14.09774	% Moisture

Cpnd Variable Local Compound Variable

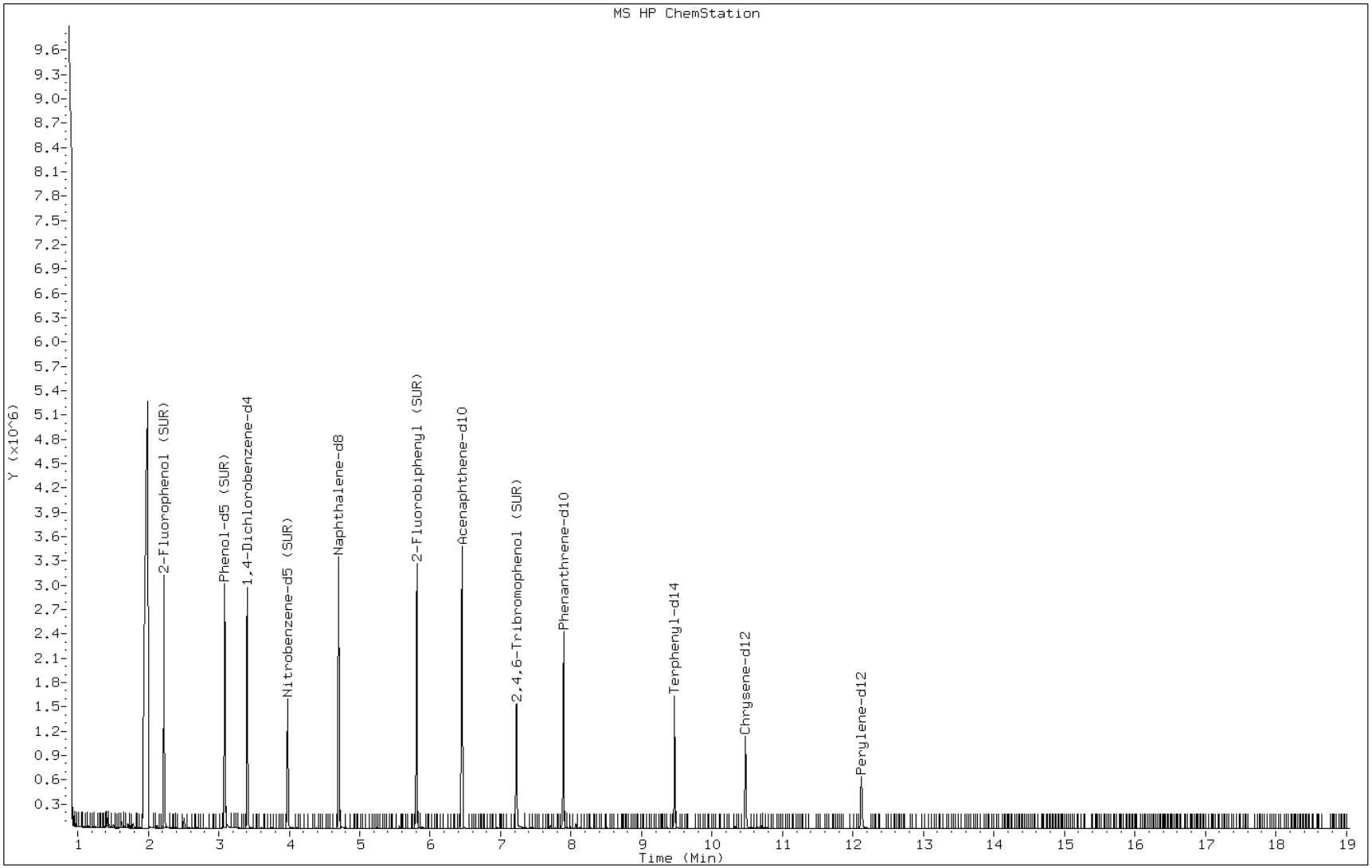
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.223	2.188	(0.653)	850945	56.3137	4400
$ 17 Phenol-d5 (SUR)	99	3.088	3.099	(0.907)	1330346	77.2028	6000
* 79 1,4-Dichlorobenzene-d4	152	3.405	3.405	(1.000)	458080	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.976	3.993	(0.845)	529677	34.5524	2700
* 80 Naphthalene-d8	136	4.705	4.711	(1.000)	1624104	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.811	5.817	(0.901)	1052382	35.7331	2800
* 82 Acenaphthene-d10	164	6.452	6.458	(1.000)	806130	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.229	7.234	(1.120)	240557	64.6798	5000
* 83 Phenanthrene-d10	188	7.893	7.899	(1.000)	879030	40.0000	
$ 78 Terphenyl-d14	244	9.470	9.470	(0.904)	526806	40.0854	3100
* 81 Chrysene-d12	240	10.476	10.487	(1.000)	425290	40.0000	
* 84 Perylene-d12	264	12.122	12.122	(1.000)	345705	40.0000	

Data File: x5374.d

Date: 19-SEP-2013 01:04

Client ID: DUP2-091313 Instrument: BNAMS5.i

Sample Info: 460-62993-E-42-B Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP3-091313 | Lab Sample ID: 460-62993-43

Matrix: Solid | Lab File ID: x5375.d

Analysis Method: 8270C | Date Collected: 09/13/2013 00:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 01:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	54	U	400	54
95-57-8	2-Chlorophenol	53	U	400	53
95-48-7	2-Methylphenol	69	U	400	69
106-44-5	4-Methylphenol	79	U	400	79
100-52-7	Benzaldehyde	47	U	400	47
98-86-2	Acetophenone	62	U	400	62
111-44-4	Bis(2-chloroethyl)ether	5.5	U	40	5.5
108-60-1	2,2'-oxybis[1-chloropropane]	45	U	400	45
621-64-7	N-Nitrosodi-n-propylamine	6.7	U	40	6.7
98-95-3	Nitrobenzene	5.7	U	40	5.7
67-72-1	Hexachloroethane	4.5	U	40	4.5
78-59-1	Isophorone	49	U	400	49
88-75-5	2-Nitrophenol	45	U	400	45
105-67-9	2,4-Dimethylphenol	99	U	400	99
120-83-2	2,4-Dichlorophenol	59	U	400	59
111-91-1	Bis(2-chloroethoxy)methane	52	U	400	52
91-20-3	Naphthalene	47	U	400	47
106-47-8	4-Chloroaniline	110	U	400	110
87-68-3	Hexachlorobutadiene	9.8	U	82	9.8
105-60-2	Caprolactam	93	U	400	93
59-50-7	4-Chloro-3-methylphenol	61	U	400	61
91-57-6	2-Methylnaphthalene	52	U	400	52
118-74-1	Hexachlorobenzene	5.5	U	40	5.5
77-47-4	Hexachlorocyclopentadiene	47	U	400	47
88-06-2	2,4,6-Trichlorophenol	47	U	400	47
95-95-4	2,4,5-Trichlorophenol	52	U	400	52
92-52-4	Diphenyl	54	U	400	54
91-58-7	2-Chloronaphthalene	45	U	400	45
88-74-4	2-Nitroaniline	170	U	820	170
606-20-2	2,6-Dinitrotoluene	12	U	82	12
131-11-3	Dimethyl phthalate	48	U	400	48
208-96-8	Acenaphthylene	48	U	400	48
99-09-2	3-Nitroaniline	140	U	820	140
83-32-9	Acenaphthene	59	U	400	59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP3-091313 | Lab Sample ID: 460-62993-43

Matrix: Solid | Lab File ID: x5375.d

Analysis Method: 8270C | Date Collected: 09/13/2013 00:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 01:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	260	U	1200	260
51-28-5	2,4-Dinitrophenol	230	U	1200	230
132-64-9	Dibenzofuran	47	U	400	47
84-66-2	Diethyl phthalate	48	U	400	48
86-73-7	Fluorene	51	U	400	51
206-44-0	Fluoranthene	54	U	400	54
84-74-2	Di-n-butyl phthalate	50	U	400	50
121-14-2	2,4-Dinitrotoluene	13	U	82	13
7005-72-3	4-Chlorophenyl phenyl ether	47	U	400	47
100-01-6	4-Nitroaniline	130	U	820	130
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	40	U	400	40
1912-24-9	Atrazine	62	U	400	62
120-12-7	Anthracene	49	U	400	49
86-74-8	Carbazole	48	U	400	48
85-01-8	Phenanthrene	51	U	400	51
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	34	U	400	34
218-01-9	Chrysene	47	U	400	47
207-08-9	Benzo[k]fluoranthene	3.1	U	40	3.1
191-24-2	Benzo[g,h,i]perylene	30	U	400	30
205-99-2	Benzo[b]fluoranthene	2.5	U	40	2.5
50-32-8	Benzo[a]pyrene	2.8	U	40	2.8
56-55-3	Benzo[a]anthracene	2.8	U	40	2.8
86-30-6	N-Nitrosodiphenylamine	40	U	400	40
85-68-7	Butyl benzyl phthalate	37	U	400	37
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	400	130
117-84-0	Di-n-octyl phthalate	26	U	400	26
193-39-5	Indeno[1,2,3-cd]pyrene	7.5	U	40	7.5
53-70-3	Dibenz(a,h)anthracene	5.1	U	40	5.1
91-94-1	3,3'-Dichlorobenzidine	140	U	820	140
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U *	400	54
58-90-2	2,3,4,6-Tetrachlorophenol	52	U *	400	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP3-091313 | Lab Sample ID: 460-62993-43

Matrix: Solid | Lab File ID: x5375.d

Analysis Method: 8270C | Date Collected: 09/13/2013 00:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 01:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	74		38-105
4165-62-2	Phenol-d5	85		41-118
1718-51-0	Terphenyl-d14	86		16-151
118-79-6	2,4,6-Tribromophenol	80		10-120
367-12-4	2-Fluorophenol	67		37-125
321-60-8	2-Fluorobiphenyl	79		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP3-091313 | Lab Sample ID: 460-62993-43

Matrix: Solid | Lab File ID: x5375.d

Analysis Method: 8270C | Date Collected: 09/13/2013 00:00

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 01:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | 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/8270/09-10-13/18sep13a.b/x5375.d
Report Date: 19-Sep-2013 12:36

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5375.d
Lab Smp Id: 460-62993-E-43-B Client Smp ID: DUP3-091313
Inj Date : 19-SEP-2013 01:29
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-62993-E-43-B
Misc Info : 460-62993-E-43-B
Comment   :
Method   : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/8270C_11.m
Meth Date : 18-Sep-2013 19:15 ranav Quant Type: ISTD
Cal Date : 10-SEP-2013 18:50 Cal File: x5049.d
Als bottle: 16
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	15.02000	Weight of sample extracted (g)
M	17.90476	% Moisture

Cpnd Variable Local Compound Variable

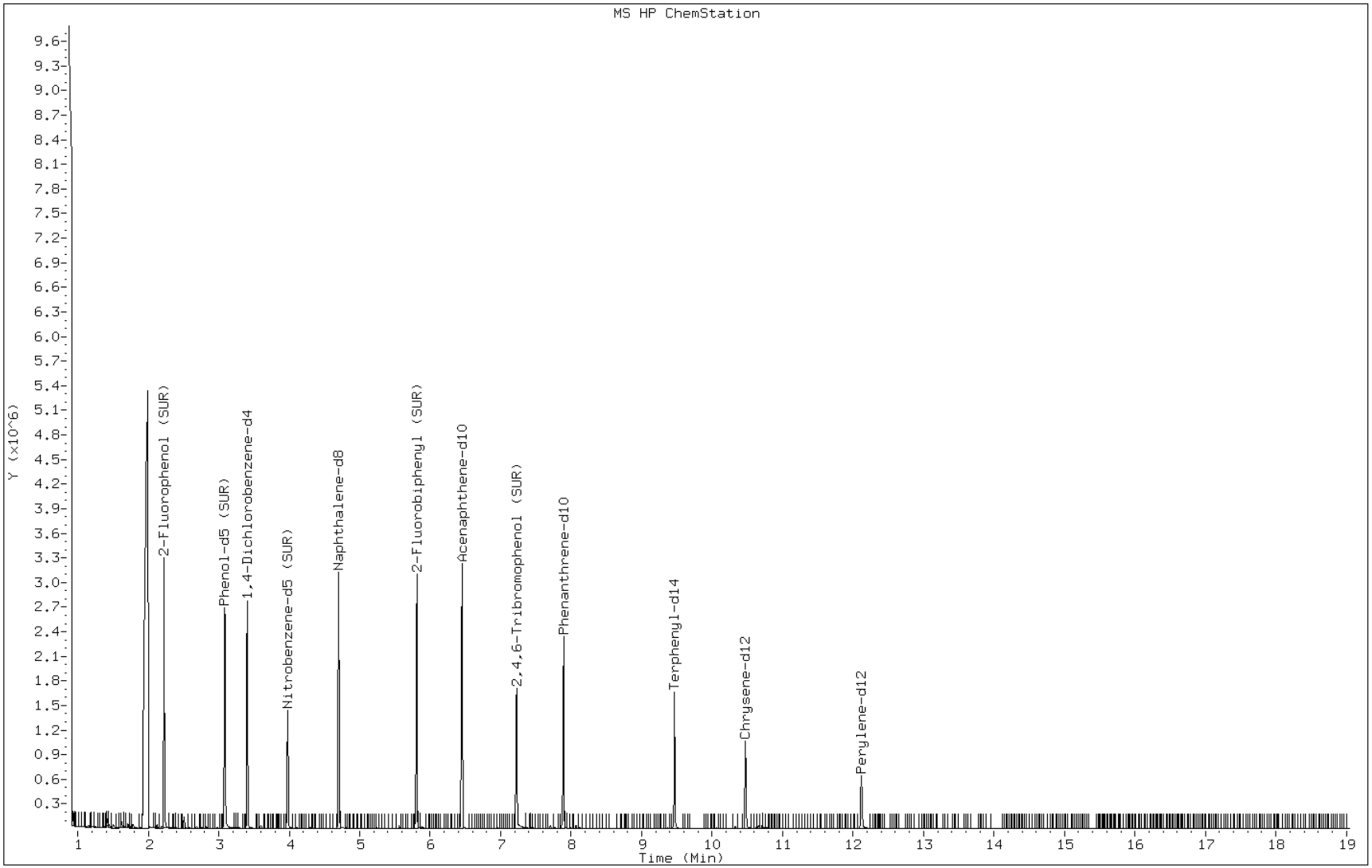
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.223	2.188	(0.653)	945319	67.3573	5500
$ 17 Phenol-d5 (SUR)	99	3.088	3.099	(0.907)	1360455	85.0054	6900
* 79 1,4-Dichlorobenzene-d4	152	3.405	3.405	(1.000)	425449	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.976	3.993	(0.845)	524527	36.7609	3000
* 80 Naphthalene-d8	136	4.705	4.711	(1.000)	1511692	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.811	5.817	(0.901)	1053218	39.6984	3200
* 82 Acenaphthene-d10	164	6.452	6.458	(1.000)	726185	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.229	7.234	(1.120)	269051	80.3051	6500
* 83 Phenanthrene-d10	188	7.893	7.899	(1.000)	851948	40.0000	
$ 78 Terphenyl-d14	244	9.470	9.470	(0.904)	549477	43.0289	3500
* 81 Chrysene-d12	240	10.475	10.487	(1.000)	413247	40.0000	
* 84 Perylene-d12	264	12.122	12.122	(1.000)	345904	40.0000	

Data File: x5375.d

Date: 19-SEP-2013 01:29

Client ID: DUP3-091313 Instrument: BNAMS5.i

Sample Info: 460-62993-E-43-B Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: FB-091313 | Lab Sample ID: 460-62993-44

Matrix: Water | Lab File ID: M69607.D

Analysis Method: 8270C | Date Collected: 09/13/2013 13:00

Extract. Method: 3510C | Date Extracted: 09/17/2013 09:45

Sample wt/vol: 240(mL) | Date Analyzed: 09/20/2013 09:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182282 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.63	U *	10	0.63
95-57-8	2-Chlorophenol	0.97	U	10	0.97
95-48-7	2-Methylphenol	1.5	U	10	1.5
106-44-5	4-Methylphenol	1.0	U	10	1.0
100-52-7	Benzaldehyde	2.2	U	10	2.2
98-86-2	Acetophenone	0.93	U	10	0.93
111-44-4	Bis(2-chloroethyl)ether	0.31	U	1.0	0.31
108-60-1	2,2'-oxybis[1-chloropropane]	1.4	U	10	1.4
621-64-7	N-Nitrosodi-n-propylamine	0.28	U	1.0	0.28
98-95-3	Nitrobenzene	0.35	U *	1.0	0.35
67-72-1	Hexachloroethane	0.16	U	1.0	0.16
78-59-1	Isophorone	1.4	U	10	1.4
88-75-5	2-Nitrophenol	0.71	U	10	0.71
105-67-9	2,4-Dimethylphenol	1.3	U	10	1.3
120-83-2	2,4-Dichlorophenol	1.1	U	10	1.1
111-91-1	Bis(2-chloroethoxy)methane	1.0	U	10	1.0
91-20-3	Naphthalene	2.1	U	10	2.1
106-47-8	4-Chloroaniline	0.33	U	1.0	0.33
87-68-3	Hexachlorobutadiene	0.71	U	2.1	0.71
105-60-2	Caprolactam	0.95	U *	10	0.95
59-50-7	4-Chloro-3-methylphenol	1.1	U	10	1.1
91-57-6	2-Methylnaphthalene	1.6	U	10	1.6
118-74-1	Hexachlorobenzene	0.21	U	1.0	0.21
77-47-4	Hexachlorocyclopentadiene	1.6	U	10	1.6
88-06-2	2,4,6-Trichlorophenol	1.5	U	10	1.5
95-95-4	2,4,5-Trichlorophenol	2.3	U	10	2.3
92-52-4	Diphenyl	1.9	U	10	1.9
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4
88-74-4	2-Nitroaniline	2.1	U *	21	2.1
606-20-2	2,6-Dinitrotoluene	0.28	U	2.1	0.28
131-11-3	Dimethyl phthalate	1.1	U	10	1.1
208-96-8	Acenaphthylene	1.9	U	10	1.9
99-09-2	3-Nitroaniline	3.0	U	21	3.0
83-32-9	Acenaphthene	1.1	U	10	1.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: FB-091313 | Lab Sample ID: 460-62993-44

Matrix: Water | Lab File ID: M69607.D

Analysis Method: 8270C | Date Collected: 09/13/2013 13:00

Extract. Method: 3510C | Date Extracted: 09/17/2013 09:45

Sample wt/vol: 240(mL) | Date Analyzed: 09/20/2013 09:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182282 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	2.1	U *	31	2.1
51-28-5	2,4-Dinitrophenol	2.1	U	31	2.1
132-64-9	Dibenzofuran	1.6	U	10	1.6
84-66-2	Diethyl phthalate	1.5	U	10	1.5
86-73-7	Fluorene	1.8	U	10	1.8
206-44-0	Fluoranthene	1.1	U	10	1.1
84-74-2	Di-n-butyl phthalate	1.0	U	10	1.0
121-14-2	2,4-Dinitrotoluene	0.29	U	2.1	0.29
7005-72-3	4-Chlorophenyl phenyl ether	1.6	U	10	1.6
100-01-6	4-Nitroaniline	3.0	U	21	3.0
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	31	3.1
101-55-3	4-Bromophenyl phenyl ether	1.1	U	10	1.1
1912-24-9	Atrazine	1.0	U	10	1.0
120-12-7	Anthracene	0.89	U	10	0.89
86-74-8	Carbazole	1.3	U	10	1.3
85-01-8	Phenanthrene	1.3	U	10	1.3
87-86-5	Pentachlorophenol	2.8	U	31	2.8
129-00-0	Pyrene	1.1	U	10	1.1
218-01-9	Chrysene	1.5	U	10	1.5
207-08-9	Benzo[k]fluoranthene	0.15	U	1.0	0.15
191-24-2	Benzo[g,h,i]perylene	0.97	U	10	0.97
205-99-2	Benzo[b]fluoranthene	0.22	U	1.0	0.22
50-32-8	Benzo[a]pyrene	0.15	U	1.0	0.15
56-55-3	Benzo[a]anthracene	0.19	U	1.0	0.19
86-30-6	N-Nitrosodiphenylamine	1.0	U	10	1.0
85-68-7	Butyl benzyl phthalate	1.5	U	10	1.5
117-81-7	Bis(2-ethylhexyl) phthalate	0.84	U	10	0.84
117-84-0	Di-n-octyl phthalate	0.92	U	10	0.92
193-39-5	Indeno[1,2,3-cd]pyrene	0.11	U	1.0	0.11
53-70-3	Dibenz(a,h)anthracene	0.17	U	1.0	0.17
91-94-1	3,3'-Dichlorobenzidine	3.3	U	21	3.3
95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U	10	1.9
58-90-2	2,3,4,6-Tetrachlorophenol	0.93	U	10	0.93

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: FB-091313 | Lab Sample ID: 460-62993-44

Matrix: Water | Lab File ID: M69607.D

Analysis Method: 8270C | Date Collected: 09/13/2013 13:00

Extract. Method: 3510C | Date Extracted: 09/17/2013 09:45

Sample wt/vol: 240(mL) | Date Analyzed: 09/20/2013 09:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182282 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	166	X	51-126
367-12-4	2-Fluorophenol	56		15-96
4165-62-2	Phenol-d5	37		4-86
4165-60-0	Nitrobenzene-d5	108		60-114
321-60-8	2-Fluorobiphenyl	111		50-120
1718-51-0	Terphenyl-d14	136	X	72-130

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: FB-091313 | Lab Sample ID: 460-62993-44

Matrix: Water | Lab File ID: M69607.D

Analysis Method: 8270C | Date Collected: 09/13/2013 13:00

Extract. Method: 3510C | Date Extracted: 09/17/2013 09:45

Sample wt/vol: 240(mL) | Date Analyzed: 09/20/2013 09:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182282 | Units: ug/L

Number TICs Found: 2 | TIC Result Total: 21.6

CAS NO.	COMPOUND NAME	RT	RESULT	Q
31158-91-5	Hexadecanoic acid, 1,1-dimethylethyl est	9.73	13	J N
123-95-5	Octadecanoic acid, butyl ester	10.43	8.6	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS6\20130920-4828.b\M69607.D		
Lims ID:	460-62993-G-44-A	Client ID:	FB-091313
Inject. Date:	20-Sep-2013 09:30:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004828-024		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS6
Injection Vol:	5.0 ul	ALS Bottle#:	24
Lims Batch ID:	182282	Lims Sample ID:	24
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS6\20130920-4828.b\8270LVI_6.m		
Last Update:	20-Sep-2013 16:08:23	Calib Date:	31-Aug-2013 13:07:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS6\20130831-4188.b\M68901.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm
Process Host:	XAWRK008		
First Level Reviewer: bayoumiw		Date:	20-Sep-2013 16:09:06

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.574	2.571	0.003	88	505149	5.59	
$ 6 Phenol-d5	99	3.447	3.470	-0.023	81	401527	3.66	
* 13 1,4-Dichlorobenzene-d4	152	3.782	3.791	-0.009	91	523432	8.00	
$ 25 Nitrobenzene-d5	82	4.358	4.368	-0.010	94	1297283	10.8	
* 35 Naphthalene-d8	136	5.078	5.088	-0.010	97	1648815	8.00	
36 Naphthalene	128	5.101	5.103	-0.002	48	31278	0.1484	
$ 48 2-Fluorobiphenyl	172	6.180	6.184	-0.004	96	1876611	11.1	
* 61 Acenaphthene-d10	164	6.828	6.833	-0.005	73	986735	8.00	
$ 76 2,4,6-Tribromophenol	330	7.611	7.619	-0.008	90	389115	16.6	
* 83 Phenanthrene-d10	188	8.282	8.284	-0.002	98	1544332	8.00	
$ 91 Terphenyl-d14	244	9.853	9.851	0.002	98	1497217	13.6	
* 96 Chrysene-d12	240	10.918	10.926	-0.008	98	838666	8.00	
* 103 Perylene-d12	264	12.671	12.675	-0.004	99	763915	8.00	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS6\20130920-4828.b\M69607.D		
Lims ID:	460-62993-G-44-A	Client ID:	FB-091313
Inject. Date:	20-Sep-2013 09:30:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004828-024		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS6
Injection Vol:	5.0 ul	ALS Bottle#:	24
Lims Batch ID:	182282	Lims Sample ID:	24
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS6\20130920-4828.b\8270LVI_6.m		
Last Update:	20-Sep-2013 16:08:23	Calib Date:	31-Aug-2013 13:07:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	70		
Process Host:	XAWRK008		
First Level Reviewer: bayoumiw		Date:	20-Sep-2013 16:09:06

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
31158-91-5 Hexadecanoic acid, 1,1-dimethylethyl est						
9.727	445786	1.61	96	97	124099	
123-95-5 Octadecanoic acid, butyl ester						
10.427	287250	1.04	96	91	137335	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 96 Chrysene-d12	10.918	2218908	8.00

QC Flag Legend

Processing Flags

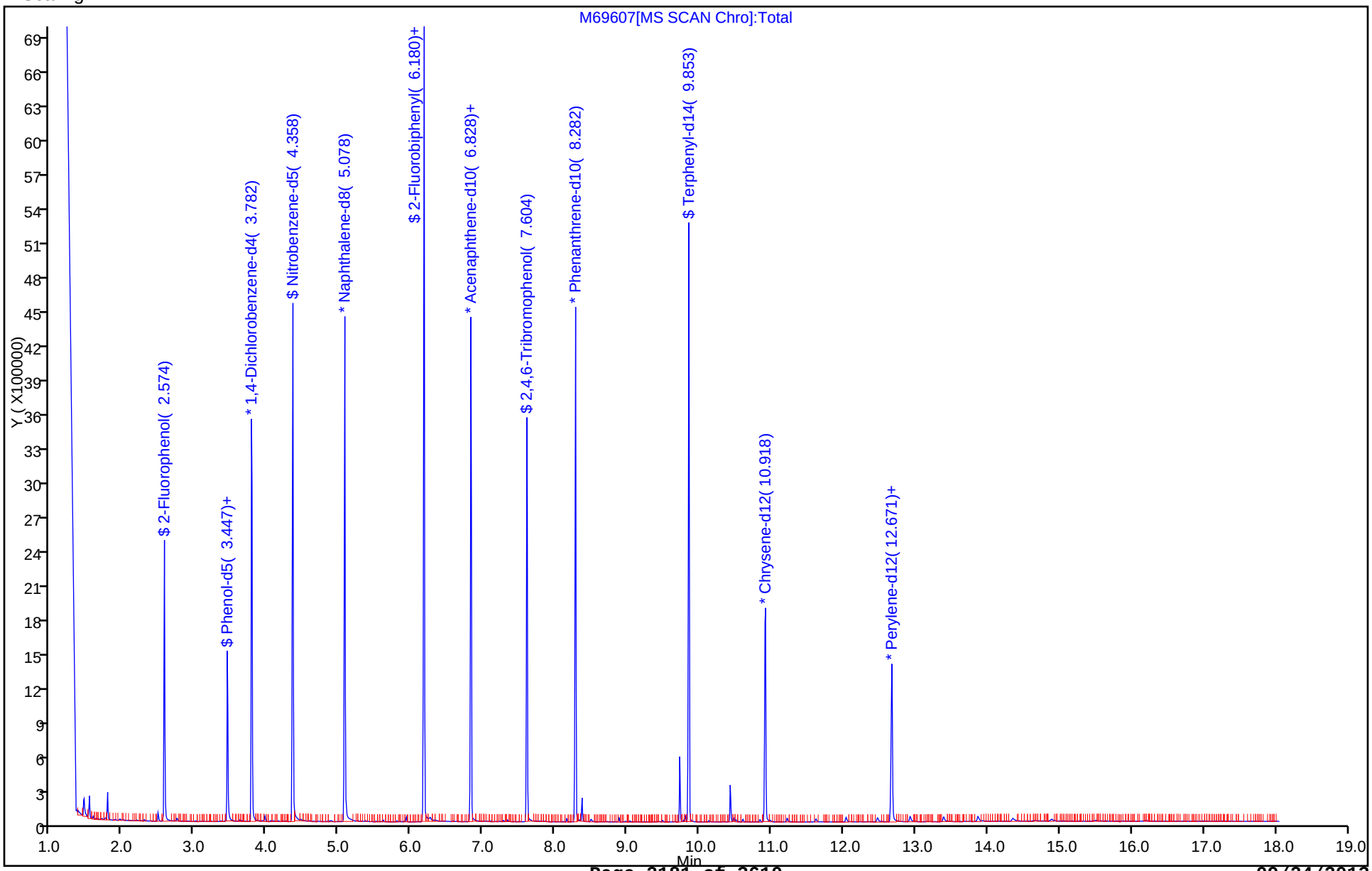
Report Date: 20-Sep-2013 16:09:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS6\20130920-4828.b\M69607.D

Injection Date:	20-Sep-2013 09:30:30	Limit Group:	SV 8270 ICAL
Client ID:	FB-091313	Instrument ID:	CBNAMS6
Lims Batch ID:	182282	Lims Sample ID:	24
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Y Scaling:



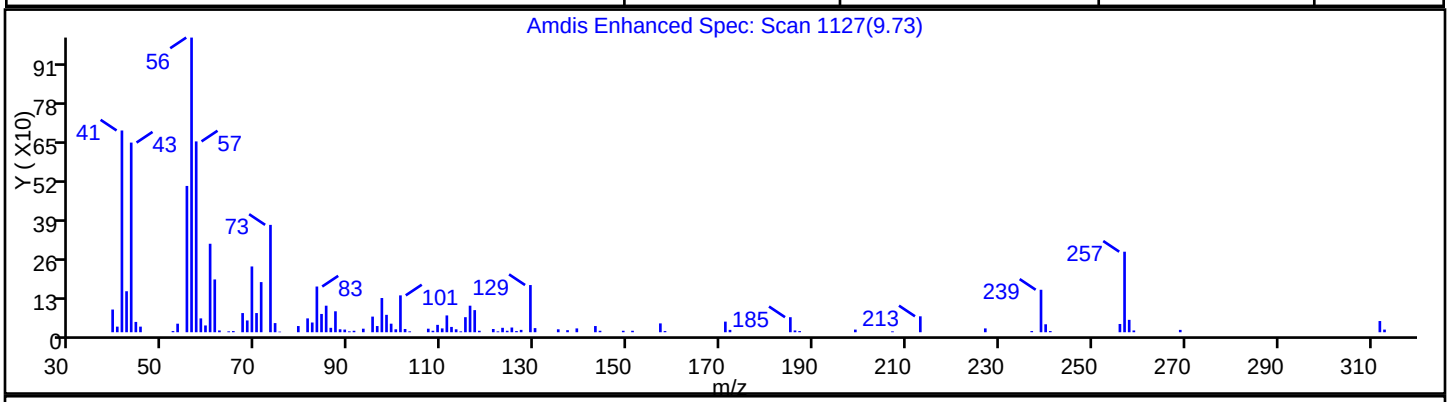
Report Date: 20-Sep-2013 16:09:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

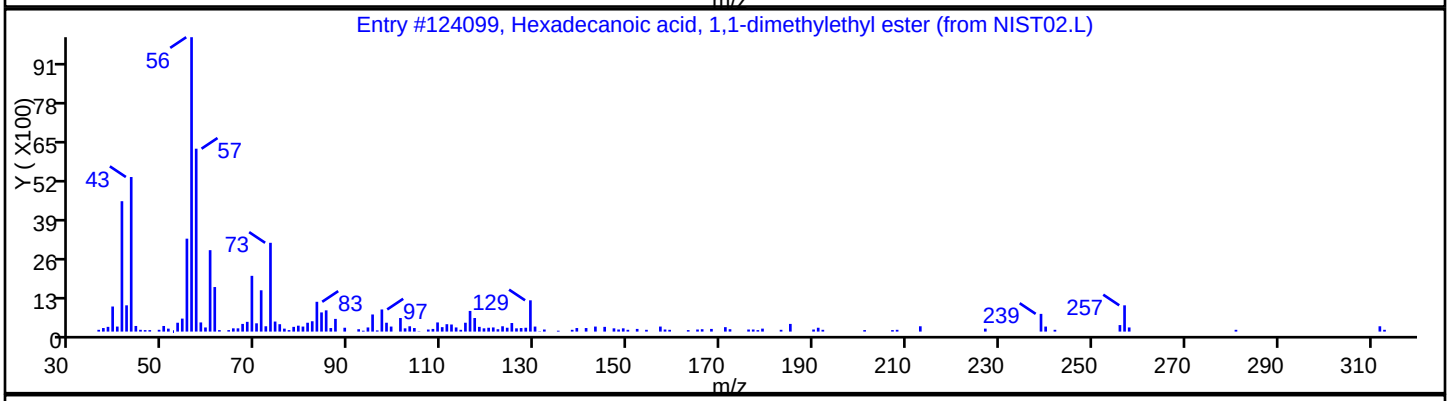
TestAmerica Edison

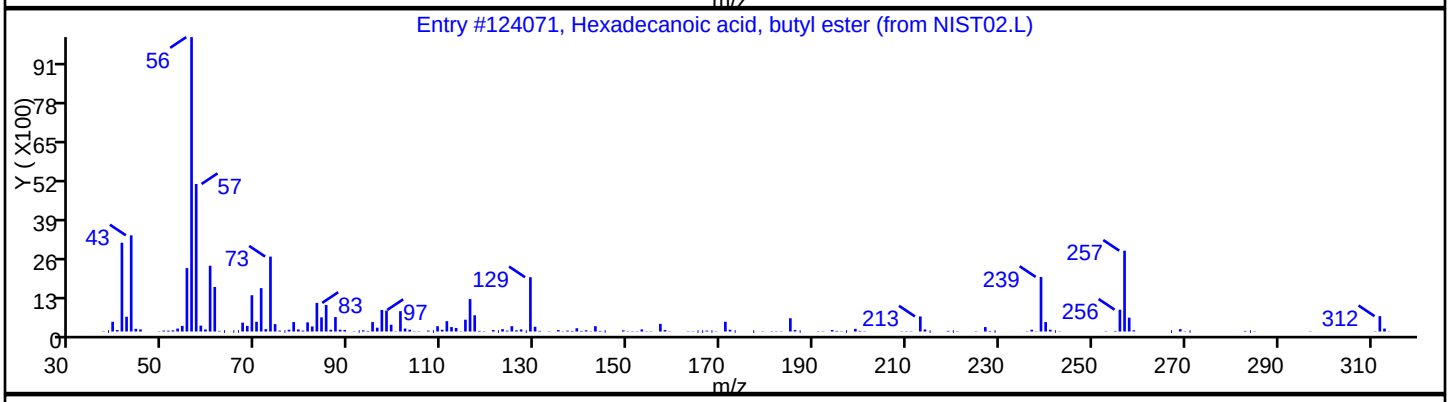
Data File: \\EDICHROM\ChromData\CBNAMS6\20130920-4828.b\M69607.D

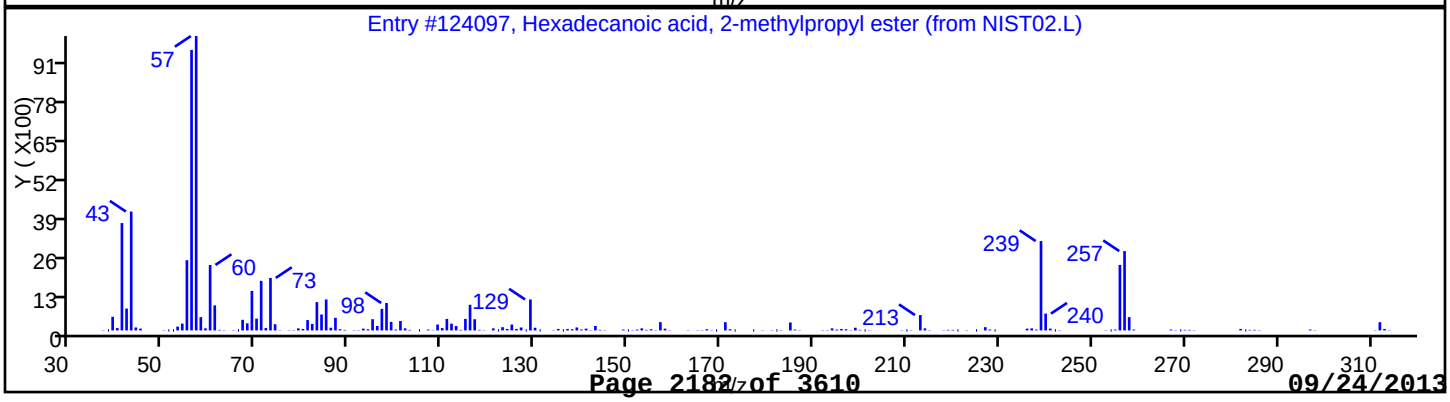
Injection Date:	20-Sep-2013 09:30:30	Limit Group:	SV 8270 ICAL
Client ID:	FB-091313	Instrument ID:	CBNAMS6
Lims Batch ID:	182282	Lims Sample ID:	24
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecanoic acid, 1,1-dimethylethyl est	31158-91-5	NIST02.L	124099	97
Hexadecanoic acid, butyl ester	111-06-8	NIST02.L	124071	93
Hexadecanoic acid, 2-methylpropyl ester	110-34-9	NIST02.L	124097	90









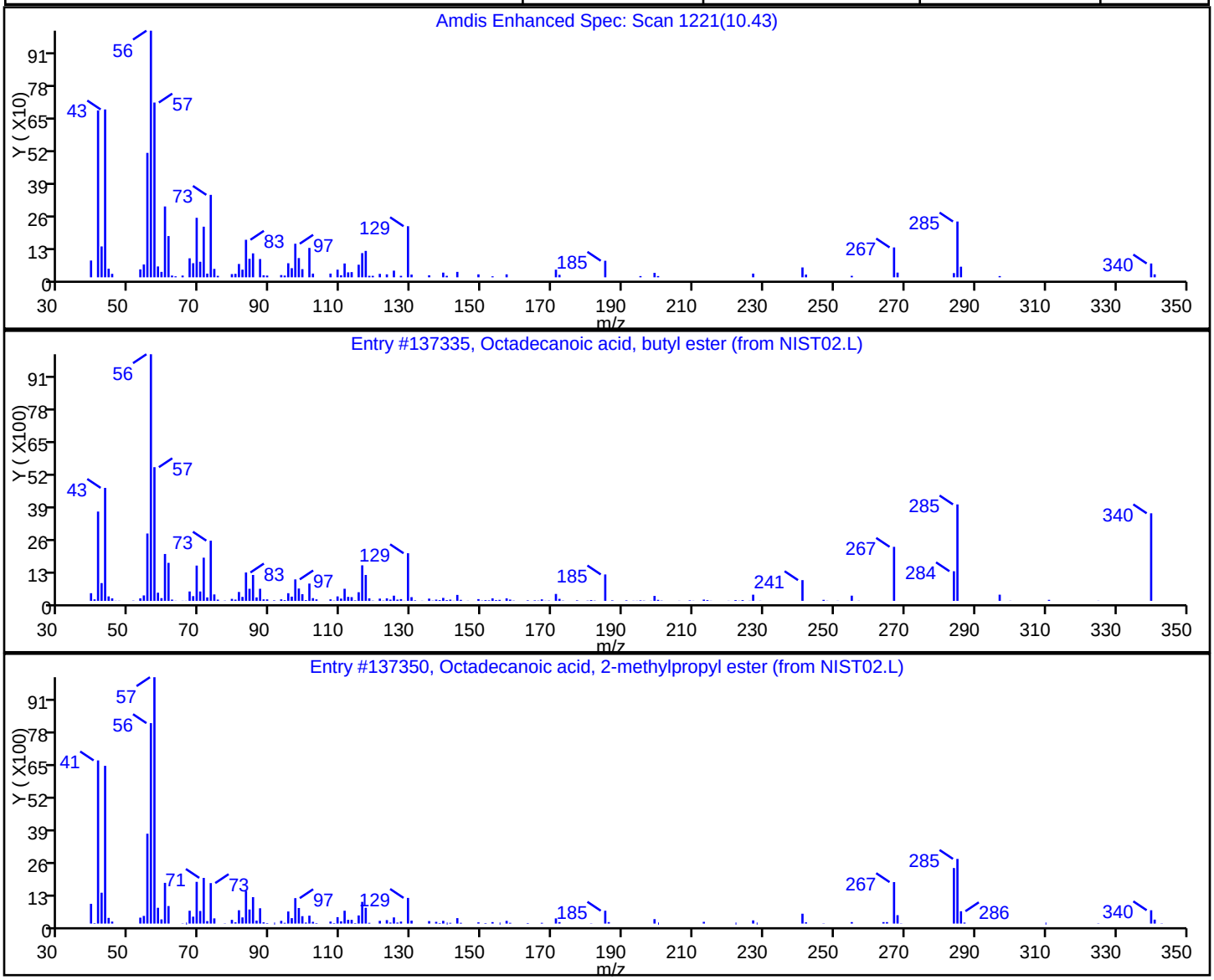
Report Date: 20-Sep-2013 16:09:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS6\20130920-4828.b\M69607.D

Injection Date:	20-Sep-2013 09:30:30	Limit Group:	SV 8270 ICAL
Client ID:	FB-091313	Instrument ID:	CBNAMS6
Lims Batch ID:	182282	Lims Sample ID:	24
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Octadecanoic acid, butyl ester	123-95-5	NIST02.L	137335	91
Octadecanoic acid, 2-methylpropyl ester	646-13-9	NIST02.L	137350	89



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 182199

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2013 01:34 Calibration End Date: 09/19/2013 03:37 Calibration ID: 29838

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-182199/7	z2314.d
Level 2	IC 460-182199/6	z2313.d
Level 3	IC 460-182199/5	z2312.d
Level 4	ICIS 460-182199/2	z2309.d
Level 5	IC 460-182199/4	z2311.d
Level 6	IC 460-182199/3	z2310.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1-Naphthylamine	0 0	0	0	0	0	Ave								15.0			
2-Naphthylamine	0 0	0	0	0	0	Ave								15.0			
o-Toluidine	0 0	0	0	0	0	Ave								15.0			
1,4-Dioxane	0.6344 0.7485	0.6583	0.7045	0.7398	0.7234	Ave		0.7015				6.5		15.0			
N-Nitrosodimethylamine	0.9508 1.1013	0.9732	1.0433	1.0862	1.0634	Ave		1.0364				5.9		15.0			
Pyridine	1.5796 1.8188	1.6179	1.7748	1.7970	1.7761	Ave		1.7273				5.9		15.0			
Benzaldehyde	1.1342 0.2810	1.1034	1.0976	0.8599	0.4134	Ave		0.8149				46.4	*	15.0			
Phenol	1.7429 1.9871	1.7954	1.9179	1.9564	2.0427	Ave		1.9070				6.1		15.0			
Aniline	2.1188 1.7795	1.9900	2.0926	2.1026	2.0183	Ave		2.0170				6.3		15.0			
Bis(2-chloroethyl)ether	1.6488 1.8301	1.4395	1.5495	1.5818	1.5646	Ave		1.6024				8.1		15.0			
2-Chlorophenol	1.4129 1.4061	1.4511	1.5199	1.4726	1.4553	Ave		1.4530				2.9		15.0			
Decane	1.8826 2.0543	1.8941	2.0566	2.0881	1.9734	Ave		1.9915				4.4		15.0			
1,3-Dichlorobenzene	1.6100 1.7105	1.6241	1.7212	1.6528	1.6695	Ave		1.6647				2.7		15.0			
1,4-Dichlorobenzene	1.6495 1.7565	1.6227	1.7387	1.6638	1.6838	Ave		1.6858				3.1		15.0			
Benzyl alcohol	0.8158 0.8910	0.8701	0.9144	0.9136	0.8954	Ave		0.8834				4.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 182199

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2013 01:34 Calibration End Date: 09/19/2013 03:37 Calibration ID: 29838

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	1.4813 1.5940	1.5178	1.6149	1.5434	1.5492	Ave		1.5501				3.2		15.0			
2-Methylphenol	1.1881 1.2411	1.2093	1.2629	1.2515	1.2556	Ave		1.2347				2.4		15.0			
2,2'-oxybis[1-chloropropane]	2.0650 2.1093	2.0913	2.2568	2.2792	2.1680	Ave		2.1616				4.1		15.0			
3 & 4 Methylphenol	1.3381 1.4424	1.4045	1.4685	1.4666	1.5017	Ave		1.4370				4.0		15.0			
4-Methylphenol	1.3465 1.4424	1.4045	1.4685	1.4666	1.5017	Ave		1.4384				3.8		15.0			
Acetophenone	1.8250 2.0190	1.8498	2.0435	2.0633	2.0452	Ave		1.9743				5.4		15.0			
N-Nitrosodi-n-propylamine	1.0259 1.1732	1.1506	1.2321	1.2155	1.1724	Ave		1.1616			0.0500	6.3		15.0			
Hexachloroethane	0.6282 0.7119	0.6812	0.7063	0.6926	0.6901	Ave		0.6851				4.4		15.0			
Nitrobenzene	0.6465 0.6786	0.6284	0.6881	0.6890	0.6776	Ave		0.6680				3.7		15.0			
n,n'-Dimethylaniline	2.0769 2.2035	2.0082	2.0925	2.1029	2.1326	Ave		2.1028				3.1		15.0			
Isophorone	0.6833 0.7131	0.6643	0.7215	0.7058	0.7030	Ave		0.6985				3.0		15.0			
2-Nitrophenol	0.1747 0.2015	0.1873	0.2010	0.2037	0.2052	Ave		0.1956				6.2		15.0			
2,4-Dimethylphenol	0.3051 0.3138	0.3132	0.3360	0.3264	0.3305	Ave		0.3208				3.7		15.0			
Bis(2-chloroethoxy)methane	0.4067 0.4479	0.4189	0.4632	0.4479	0.4459	Ave		0.4384				4.8		15.0			
Benzoic acid	0.0715 0.1608	0.1037	0.1435	0.1401	0.1658	QuaF		6.9613	-1.727						0.9963		0.9900
2,4-Dichlorophenol	0.2580 0.2686	0.2650	0.2894	0.2706	0.2750	Ave		0.2711				3.9		15.0			
1,2,4-Trichlorobenzene	0.3219 0.3051	0.3078	0.3358	0.2999	0.3003	Ave		0.3118				4.6		15.0			
Naphthalene	1.0234 1.1053	1.0406	1.1252	1.0760	1.0910	Ave		1.0769				3.6		15.0			
4-Chloroaniline	0.3861 0.3371	0.3777	0.4073	0.3755	0.3441	Ave		0.3713				7.1		15.0			
Hexachlorobutadiene	0.1715 0.1792	0.1662	0.1774	0.1664	0.1743	Ave		0.1725				3.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 182199

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2013 01:34 Calibration End Date: 09/19/2013 03:37 Calibration ID: 29838

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								
Caprolactam	0.0547 0.0756	0.0579	0.0743	0.0754	0.0706	Ave		0.0681				13.8		15.0			
4-Chloro-3-methylphenol	0.2540 0.2915	0.2699	0.2983	0.2938	0.2968	Ave		0.2841				6.3		15.0			
2-Methylnaphthalene	0.6492 0.6657	0.6482	0.6951	0.6582	0.6523	Ave		0.6615				2.7		15.0			
1-Methylnaphthalene	0.6581 0.7230	0.6657	0.7116	0.6974	0.6880	Ave		0.6906				3.7		15.0			
Hexachlorocyclopentadiene	0.3339 0.4735	0.2763	0.3160	0.3471	0.4344	QuaF		2.9492	-0.605		0.0500				0.9970		0.9900
1,2,4,5-Tetrachlorobenzene	0.5912 0.7423	0.6203	0.6392	0.6352	0.6776	Ave		0.6510				8.1		15.0			
2-tertbutyl-4-methylphenol	0.4624 0.4810	0.4633	0.4918	0.4801	0.4626	Ave		0.4735				2.6		15.0			
2,4,6-Trichlorophenol	0.3654 0.3937	0.3704	0.4049	0.3780	0.3924	Ave		0.3841				4.0		15.0			
2,4,5-Trichlorophenol	0.3696 0.3793	0.3847	0.4051	0.3686	0.3892	Ave		0.3828				3.6		15.0			
Diphenyl	1.6102 1.8087	1.6134	1.7985	1.7145	1.7288	Ave		1.7124				5.0		15.0			
2-Chloronaphthalene	1.2339 1.2388	1.2479	1.3276	1.2187	1.2258	Ave		1.2488				3.2		15.0			
Diphenyl ether	0.8730 0.8850	0.8794	0.9323	0.8678	0.8872	Ave		0.8874				2.6		15.0			
2-Nitroaniline	0.4644 0.4506	0.5098	0.5890	0.5927	0.4813	Ave		0.5146				12.1		15.0			
Dimethylnaphthalene, total	1.0430 1.1431	1.0517	1.1272	1.0794	1.0924	Ave		1.0895				3.7		15.0			
Dimethyl phthalate	1.2108 1.2099	1.1658	1.2845	1.2007	1.2054	Ave		1.2129				3.2		15.0			
Coumarin	0.1646 0.1761	0.1584	0.1722	0.1764	0.1687	Ave		0.1694				4.1		15.0			
2,6-Dinitrotoluene	0.2353 0.2665	0.2535	0.2811	0.2748	0.2694	Ave		0.2634				6.3		15.0			
Acenaphthylene	1.9006 1.9602	1.8193	1.9629	1.8432	1.9494	Ave		1.9059				3.3		15.0			
3-Nitroaniline	0.2619 0.2557	0.2489	0.2712	0.2667	0.2569	Ave		0.2602				3.1		15.0			
3,5-di-tert-butyl-4-hydroxytol	1.0197 1.2608	1.0924	1.1830	1.1437	1.2014	Ave		1.1502				7.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 182199

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2013 01:34 Calibration End Date: 09/19/2013 03:37 Calibration ID: 29838

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acenaphthene	1.2441 1.2521	1.2097	1.3256	1.1868	1.2281	Ave		1.2410				3.8		15.0			
2,4-Dinitrophenol	0.0652 0.1491	0.0773	0.0971	0.1179	0.1399	QuaF		9.4058	-6.287		0.0500				0.9933		0.9900
4-Nitrophenol	0.1625 0.2493	0.1675	0.1946	0.2120	0.2331	QuaF		5.1735	-1.597		0.0500				0.9983		0.9900
2,4-Dinitrotoluene	0.3091 0.3261	0.3048	0.3386	0.3284	0.3226	Ave		0.3216				3.9		15.0			
Dibenzofuran	1.5650 1.5313	1.5538	1.6608	1.5258	1.5343	Ave		1.5618				3.2		15.0			
2,3,4,6-Tetrachlorophenol	0.2473 0.2499	0.2435	0.2514	0.2451	0.2436	Ave		0.2468				1.3		15.0			
Diethyl phthalate	1.1675 1.1924	1.1297	1.2129	1.1560	1.1717	Ave		1.1717				2.5		15.0			
4-Chlorophenyl phenyl ether	0.5979 0.6809	0.5800	0.6059	0.6012	0.6553	Ave		0.6202				6.3		15.0			
Fluorene	1.2718 1.4232	1.2417	1.3241	1.3101	1.3872	Ave		1.3264				5.2		15.0			
4-Nitroaniline	0.2012 0.2054	0.2002	0.2231	0.2217	0.2152	Ave		0.2111				4.8		15.0			
4,6-Dinitro-2-methylphenol	0.1013 0.1488	0.1086	0.1263	0.1336	0.1421	Ave		0.1268				14.8		15.0			
N-Nitrosodiphenylamine	0.6254 0.7077	0.6503	0.6803	0.6693	0.6952	Ave		0.6714				4.5		15.0			
1,2-Diphenylhydrazine	1.1298 1.2798	1.2013	1.3340	1.3086	1.2730	Ave		1.2544				6.0		15.0			
4-Bromophenyl phenyl ether	0.2350 0.2513	0.2346	0.2564	0.2418	0.2419	Ave		0.2435				3.6		15.0			
Hexachlorobenzene	0.2475 0.2530	0.2406	0.2630	0.2413	0.2520	Ave		0.2496				3.4		15.0			
Atrazine	0.1907 0.1847	0.1640	0.1756	0.1777	0.1789	Ave		0.1786				5.0		15.0			
Pentachlorophenol	0.1319 0.1544	0.1306	0.1405	0.1447	0.1445	Ave		0.1411				6.3		15.0			
Pentachloronitrobenzene	0.1089 0.1059	0.1066	0.1042	0.1021	0.1056	Ave		0.1056				2.2		15.0			
n-Octadecane	0.6912 0.8495	0.7442	0.8557	0.8941	0.8476	Ave		0.8137				9.6		15.0			
Phenanthrene	1.1727 1.1902	1.1676	1.2495	1.1592	1.1702	Ave		1.1849				2.8		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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 182199

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2013 01:34 Calibration End Date: 09/19/2013 03:37 Calibration ID: 29838

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	1.1581 1.1762	1.1409	1.2562	1.1745	1.1667	Ave		1.1788				3.4		15.0			
Carbazole	0.9048 0.8801	0.8862	0.9409	0.8896	0.8801	Ave		0.8970				2.6		15.0			
Di-n-butyl phthalate	1.1901 1.3040	1.1746	1.2889	1.2502	1.2715	Ave		1.2465				4.3		15.0			
Fluoranthene	0.9788 0.9228	0.9257	0.9605	0.9304	0.9213	Ave		0.9399				2.5		15.0			
Benzidine	0.2032 +++++	0.2023	0.1275	0.0955	0.0197	Ave		0.1296				59.7	*	15.0			
Pyrene	1.9799 2.1660	2.1063	2.2055	2.0405	2.0471	Ave		2.0909				4.0		15.0			
Butyl benzyl phthalate	0.7098 0.8577	0.7524	0.8264	0.8056	0.8646	Ave		0.8028				7.6		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1432	+++++	Ave		0.1432						15.0			
Carbamazepine	0.2378 0.5167	0.3289	0.4194	0.4466	0.4973	QuaF		2.3339	-0.265						0.9991		0.9900
3,3'-Dichlorobenzidine	0.3242 0.2468	0.3481	0.3442	0.2978	0.2510	Ave		0.3020				14.9		15.0			
Benzo[a]anthracene	1.5266 1.2019	1.2037	1.2605	1.2146	1.2190	Ave		1.2710				10.0		15.0			
Bis(2-ethylhexyl) phthalate	0.9644 1.1577	1.0180	1.0991	1.0996	1.1522	Ave		1.0818				7.1		15.0			
Chrysene	1.1682 1.1692	1.2026	1.2460	1.1701	1.1804	Ave		1.1894				2.6		15.0			
Di-n-octyl phthalate	1.4231 2.1649	1.6512	1.8603	1.9848	2.1689	QuaF		0.5118	-0.008						0.9990		0.9900
Benzo[b]fluoranthene	1.0461 1.2081	1.0010	1.1758	1.1449	1.1555	Ave		1.1219				7.2		15.0			
Benzo[k]fluoranthene	1.0175 1.2699	1.4217	1.4218	1.3016	1.3253	Ave		1.2930				11.5		15.0			
Benzo[a]pyrene	0.9188 1.0396	0.9220	1.0194	1.0092	1.0365	Ave		0.9909				5.6		15.0			
Indeno[1,2,3-cd]pyrene	0.4884 0.8892	0.6151	0.7125	0.7630	0.7892	QuaF		1.4496	-0.121						0.9998		0.9900
Dibenz(a,h)anthracene	0.5378 0.9634	0.6510	0.9274	0.8832	0.9286	QuaF		1.1674	-0.045						0.9993		0.9900
Benzo[g,h,i]perylene	0.7252 0.9520	0.8326	0.9010	0.9018	0.9092	Ave		0.8703				9.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 182199

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2013 01:34 Calibration End Date: 09/19/2013 03:37 Calibration ID: 29838

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Fluorophenol	1.3711 1.4056	1.4226	1.4732	1.4595	1.3795	Ave		1.4186				2.9		15.0			
Phenol-d5	1.7354 1.7801	1.7502	1.8089	1.8304	1.7333	Ave		1.7731				2.3		15.0			
Nitrobenzene-d5	0.4118 0.4987	0.4373	0.4879	0.4811	0.4773	Ave		0.4657				7.2		15.0			
2-Fluorobiphenyl	1.4095 1.5337	1.4433	1.5425	1.4557	1.4819	Ave		1.4778				3.5		15.0			
2,4,6-Tribromophenol	0.1359 0.1543	0.1352	0.1428	0.1383	0.1438	Ave		0.1417				5.0		15.0			
Terphenyl-d14	1.2090 1.4213	1.3017	1.3630	1.2680	1.3024	Ave		1.3109				5.6		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.: 460-62993-1 Analy Batch No.: 182199

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2013 01:34 Calibration End Date: 09/19/2013 03:37 Calibration ID: 29838

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-182199/7	z2314.d
Level 2	IC 460-182199/6	z2313.d
Level 3	IC 460-182199/5	z2312.d
Level 4	ICIS 460-182199/2	z2309.d
Level 5	IC 460-182199/4	z2311.d
Level 6	IC 460-182199/3	z2310.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
o-Toluidine	DCB	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
1,4-Dioxane	DCB	Ave	20439 531796	45585	92298	258145	380313	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	30631 782482	67392	136681	379026	559083	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	50888 1292210	112039	232502	627065	933803	5.00 120	10.0	20.0	50.0	80.0
Benzaldehyde	DCB	Ave	36539 199649	76410	143785	300074	217355	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	56149 1411795	124333	251249	682676	1073962	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	68261 1264283	137807	274141	733706	1061167	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	5312 1300264	99689	202986	551984	822587	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	45518 998995	100490	199112	513860	765140	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	60650 1459539	131167	269422	728648	1037528	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	51870 1215323	112466	225482	576760	877771	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	53140 1247984	112375	227777	580571	885255	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	26281 633020	60257	119785	318805	470771	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	47722 1132538	105110	211551	538562	814535	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.: 460-62993-1 Analy Batch No.: 182199

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2013 01:34 Calibration End Date: 09/19/2013 03:37 Calibration ID: 29838

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-Methylphenol	DCB	Ave	38275 881798	83744	165441	436722	660140	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	66527 1498613	144824	295644	795317	1139845	5.00 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	43109 1024830	97264	192379	511788	789558	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	43380 1024830	97264	192379	511788	789558	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	58796 1434449	128098	267699	719986	1075283	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	3305 833576	79678	161414	424169	616412	0.500 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	2024 505801	47170	92531	241695	362847	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	7750 1738997	160575	324527	882372	1291183	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	6691 1565579	139066	274118	733829	1121237	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	81916 1827598	169736	340313	903894	1339606	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	20948 516455	47850	94813	260825	390979	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	36579 804214	80017	158468	418068	629669	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	48759 1147744	107032	218461	573592	849535	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	QuaF	8570 411990	26502	67661	179370	315893	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	30931 688429	67708	136500	346592	523915	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	3859 781993	78652	158362	384108	572241	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	122684 2832668	265881	530670	1378030	2078734	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	46284 864003	96511	192096	480865	655568	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	4112 459295	42465	83677	213066	332110	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	6558 193789	14790	35036	96604	134482	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	30455 747142	68959	140706	376248	565624	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.: 460-62993-1 Analy Batch No.: 182199

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2013 01:34 Calibration End Date: 09/19/2013 03:37 Calibration ID: 29838

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-Methylnaphthalene	NPT	Ave	77830 1705901	165627	327827	842949	1242994	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	78887 1852909	170105	335619	893162	1310966	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	QuaF	18582 542104	32271	68100	201469	366653	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	32898 849728	72436	137754	368716	571889	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	55427 1232796	118387	231937	614846	881438	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	20332 450698	43253	87250	219407	331196	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	20568 434236	44930	87295	213967	328506	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	89599 2070525	188417	387571	995298	1459128	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	68661 1418135	145734	286098	707472	1034654	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	48579 1013153	102695	200901	503778	748783	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	51686 515838	59535	126936	344088	406201	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	58036 1308607	122815	242913	626599	922054	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	67373 1385085	136144	276810	697038	1017384	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	19734 451271	40463	81217	225854	321410	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	2619 305071	29609	60570	159532	227362	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	105758 2243958	212464	422999	1069961	1645337	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	29150 292737	29064	58442	154836	216810	10.0 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	56738 1443297	127571	254933	663941	1014019	5.00 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	69226 1433315	141265	285652	688968	1036537	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	10883 170723	18052	31386	68453	118067	15.0 120	20.0	30.0	50.0	80.0
4-Nitrophenol	ANT	QuaF	27133 285415	39117	62918	123044	196736	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.: 460-62993-1 Analy Batch No.: 182199

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2013 01:34 Calibration End Date: 09/19/2013 03:37 Calibration ID: 29838

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	3440 373342	35592	72969	190621	272302	1.00 120	10.0	20.0	50.0	80.0
Dibenzofuran	ANT	Ave	87082 1752953	181459	357898	885716	1295026	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	13761 286058	28437	54169	142267	205627	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	64965 1365020	131927	261364	671091	988979	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	33270 779497	67736	130579	348986	553125	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	70766 1629260	145010	285335	760533	1170855	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	22387 235131	23380	48079	128675	181663	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	21981 204020	30529	48419	91911	145829	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	45245 970146	91413	173832	460387	713216	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	81743 1754480	168860	340882	900104	1306125	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	17002 344476	32974	65512	166303	248228	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	1791 346823	33822	67211	165965	258590	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	13797 253239	23055	44868	122248	183536	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	28632 211710	36722	53842	99553	148204	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	7878 145208	14979	26631	70244	108335	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	50008 1164568	104602	218671	615023	869653	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	84843 1631648	164117	319278	797307	1200644	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	83789 1612460	160359	321009	807878	1196962	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	65463 1206561	124571	240443	611901	903010	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	86102 1787626	165099	329368	859900	1304525	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	70819 1265095	130112	245438	639955	945262	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.: 460-62993-1 Analy Batch No.: 182199

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2013 01:34 Calibration End Date: 09/19/2013 03:37 Calibration ID: 29838

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	14700 +++++	56872	48856	65660	20206	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	68905 1211032	126298	235590	611447	890822	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	24702 479568	45115	88278	241411	376259	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	429	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Carbamazepine	CRY	QuaF	8276 288865	19720	44798	133822	216397	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	22567 137975	41744	55154	89239	109243	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	5313 671957	72178	134644	363942	530479	0.500 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	33564 647253	61038	117404	329499	501420	5.00 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	40655 653721	72111	133101	350630	513675	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	QuaF	32867 859235	67523	143138	433384	670187	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	2416 479497	40937	90467	249983	357036	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	2350 504014	58141	109393	284206	409518	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	2122 412617	37703	78433	220364	320264	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	QuaF	1128 352910	25154	54820	166603	243849	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	QuaF	1242 382352	26623	71359	192837	286949	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	16749 377835	34047	69321	196906	280938	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	44173 998637	98517	192999	509301	725264	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	55907 1264729	121205	236975	638730	911289	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	49365 1277947	111743	230107	616139	909369	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	78430 1755686	168549	332394	845037	1250780	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	7562 176682	15793	30783	80282	121345	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.: 460-62993-1 Analy Batch No.: 182199

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2013 01:34 Calibration End Date: 09/19/2013 03:37 Calibration ID: 29838

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Terphenyl-d14	CRY	Ave	42077 794649	78054	145600	379961	566768	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 180686

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2013 16:38 Calibration End Date: 09/10/2013 18:50 Calibration ID: 29467

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180686/7	x5049.d
Level 2	IC 460-180686/6	x5048.d
Level 3	IC 460-180686/5	x5047.d
Level 4	ICIS 460-180686/2	x5044.d
Level 5	IC 460-180686/4	x5046.d
Level 6	IC 460-180686/3	x5045.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1-Naphthylamine	0 0	0	0	0	0	Ave								15.0			
2-Naphthylamine	0 0	0	0	0	0	Ave								15.0			
o-Toluidine	0 0	0	0	0	0	Ave								15.0			
1,4-Dioxane	0.6422 0.5720	0.6230	0.5766	0.5904	0.5911	Ave		0.5992				4.6		15.0			
N-Nitrosodimethylamine	0.8392 0.8631	0.8737	0.8322	0.8335	0.8358	Ave		0.8463				2.1		15.0			
Pyridine	1.3322 1.4917	1.4812	1.4133	1.3588	1.3969	Ave		1.4124				4.5		15.0			
Benzaldehyde	0.9475 0.1701	0.9971	0.8117	0.4854	0.3364	Ave		0.6247				54.9	*	15.0			
Aniline	2.1103 +++++	1.8612	1.7761	1.7607	1.6141	Ave		1.8245				10.0		15.0			
Phenol	1.9034 1.5029	1.7815	1.7326	1.6889	1.5186	Ave		1.6880				9.2		15.0			
Bis(2-chloroethyl)ether	1.6212 1.5538	1.3464	1.2942	1.3181	1.2436	Ave		1.3962				11.0		15.0			
2-Chlorophenol	1.5096 1.2826	1.4433	1.4466	1.4132	1.3204	Ave		1.4026				6.1		15.0			
Decane	1.2633 1.1032	1.1597	1.2208	1.1827	1.0746	Ave		1.1674				6.1		15.0			
1,3-Dichlorobenzene	1.7556 1.4499	1.7026	1.7502	1.6158	1.4822	Ave		1.6261				8.2		15.0			
1,4-Dichlorobenzene	1.7679 1.3461	1.7279	1.7454	1.5626	1.4485	Ave		1.5997				11.0		15.0			
Benzyl alcohol	0.7716 0.6731	0.8511	0.8618	0.7173	0.7224	Ave		0.7662				10.0		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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 180686

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2013 16:38 Calibration End Date: 09/10/2013 18:50 Calibration ID: 29467

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	1.5446 1.2168	1.6820	1.6401	1.4442	1.3345	Ave		1.4770				12.2		15.0			
2,2'-oxybis[1-chloropropane]	1.3246 1.1850	1.4464	1.4527	1.3309	1.2587	Ave		1.3331				7.8		15.0			
2-Methylphenol	1.1418 0.9516	1.2698	1.2319	1.1065	1.0679	Ave		1.1282				10.2		15.0			
Acetophenone	1.5658 1.3060	1.7143	1.7205	1.4985	1.3946	Ave		1.5333				11.0		15.0			
N-Nitrosodi-n-propylamine	0.8365 0.7086	0.9511	0.9358	0.8402	0.8289	Ave		0.8502			0.0500	10.3		15.0			
3 & 4 Methylphenol	1.1735 0.9182	1.2695	1.2877	1.1048	1.0924	Ave		1.1410				11.9		15.0			
4-Methylphenol	1.1567 0.9182	1.2619	1.2698	1.1048	1.0924	Ave		1.1340				11.5		15.0			
Hexachloroethane	0.5704 0.4629	0.6320	0.6152	0.5591	0.5389	Ave		0.5631				10.7		15.0			
Nitrobenzene	0.4513 0.3802	0.5192	0.5479	0.4775	0.4009	Ave		0.4628				14.1		15.0			
n,n'-Dimethylaniline	1.9829 1.4776	2.1178	2.0083	1.7598	1.6221	Ave		1.8281				13.6		15.0			
Isophorone	0.5681 0.5633	0.5855	0.6011	0.5540	0.5769	Ave		0.5748				2.9		15.0			
2-Nitrophenol	0.1838 0.2091	0.1956	0.2150	0.2029	0.2113	Ave		0.2030				5.7		15.0			
2,4-Dimethylphenol	0.3322 0.2814	0.3279	0.3387	0.3005	0.2985	Ave		0.3132				7.3		15.0			
Bis(2-chloroethoxy)methane	0.4330 0.3719	0.4085	0.4271	0.3902	0.3878	Ave		0.4031				5.9		15.0			
Benzoic acid	0.0600 0.1235	0.0864	0.1134	0.1045	0.1218	QuaF		9.5054	-3.989						0.9977		0.9900
2,4-Dichlorophenol	0.3008 0.2430	0.2883	0.3065	0.2799	0.2689	Ave		0.2812				8.2		15.0			
1,2,4-Trichlorobenzene	0.3687 0.3104	0.3430	0.3692	0.3263	0.3144	Ave		0.3387				7.7		15.0			
Naphthalene	1.1496 0.8831	1.1071	1.1352	0.9848	0.9240	Ave		1.0306				11.2		15.0			
4-Chloroaniline	0.4022 0.3079	0.3827	0.4040	0.3527	0.3259	Ave		0.3625				11.1		15.0			
Hexachlorobutadiene	0.1885 0.1639	0.1841	0.1985	0.1754	0.1637	Ave		0.1790				7.8		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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 180686

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2013 16:38 Calibration End Date: 09/10/2013 18:50 Calibration ID: 29467

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								
Caprolactam	0.0481 0.0670	0.0542	0.0705	0.0710	0.0661	QuaF		14.442	2.6224						0.9988		0.9900
4-Chloro-3-methylphenol	0.2552 0.2108	0.2294	0.2615	0.2450	0.2138	Ave		0.2360				9.0		15.0			
2-Methylnaphthalene	0.7133 0.5408	0.6296	0.7082	0.6197	0.5398	Ave		0.6252				12.2		15.0			
1-Methylnaphthalene	0.7255 0.5742	0.6518	0.7214	0.6456	0.5510	Ave		0.6449				11.2		15.0			
Hexachlorocyclopentadiene	0.2539 0.3679	0.2131	0.2703	0.2735	0.3427	QuaF		3.6937	-0.909		0.0500				0.9968		0.9900
1,2,4,5-Tetrachlorobenzene	0.6845 0.5997	0.6987	0.7221	0.6051	0.6045	Ave		0.6524				8.5		15.0			
2-tertbutyl-4-methylphenol	0.4613 0.3617	0.4120	0.4586	0.4106	0.3564	Ave		0.4101				11.0		15.0			
2,4,6-Trichlorophenol	0.3813 0.4129	0.3891	0.4219	0.3758	0.4187	Ave		0.4000				5.1		15.0			
2,4,5-Trichlorophenol	0.3889 0.3766	0.4033	0.4226	0.3878	0.4172	Ave		0.3994				4.5		15.0			
Diphenyl	1.7205 1.3118	1.6435	1.7596	1.3975	1.3809	Ave		1.5356				12.7		15.0			
2-Chloronaphthalene	1.3514 1.0200	1.2783	1.3371	1.0755	1.0834	Ave		1.1909				12.4		15.0			
Diphenyl ether	0.9311 0.8292	0.9084	0.9591	0.8764	0.8589	Ave		0.8938				5.4		15.0			
2-Nitroaniline	0.3378 0.2672	0.3387	0.2988	0.2982	0.2819	Ave		0.3038				9.6		15.0			
Dimethylnaphthalene, total	1.1141 0.9604	1.0541	1.1046	1.0226	0.9567	Ave		1.0354				6.6		15.0			
Dimethyl phthalate	1.1546 0.9359	1.1237	1.2160	1.0880	1.0361	Ave		1.0924				9.0		15.0			
Coumarin	0.1603 0.1417	0.1520	0.1763	0.1770	0.1392	Ave		0.1578				10.4		15.0			
2,6-Dinitrotoluene	0.2570 0.2562	0.2675	0.2940	0.2828	0.2743	Ave		0.2720				5.5		15.0			
Acenaphthylene	2.0239 1.7134	1.8616	1.9763	1.7660	1.7544	Ave		1.8493				6.9		15.0			
3-Nitroaniline	0.2507 0.2232	0.2486	0.2738	0.2558	0.2384	Ave		0.2484				6.8		15.0			
Acenaphthene	1.2101 0.9248	1.1561	1.2011	1.0637	0.9999	Ave		1.0926				10.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 180686

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2013 16:38 Calibration End Date: 09/10/2013 18:50 Calibration ID: 29467

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								
3,5-di-tert-butyl-4-hydroxytol	1.0706 0.9579	1.0993	1.2042	1.0696	1.0194	Ave		1.0702				7.7		15.0			
2,4-Dinitrophenol	0.0494 0.1258	0.0638	0.0847	0.0937	0.1196	QuaF		11.325	-9.375		0.0500				0.9912		0.9900
4-Nitrophenol	0.1051 0.1366	0.1178	0.1310	0.1552	0.1394	Ave		0.1308			0.0500	13.4		15.0			
Dibenzofuran	1.6724 1.3308	1.6201	1.6939	1.5050	1.4339	Ave		1.5427				9.3		15.0			
2,4-Dinitrotoluene	0.2954 0.2856	0.3011	0.3356	0.3112	0.3039	Ave		0.3055				5.6		15.0			
2,3,4,6-Tetrachlorophenol	0.2522 0.2336	0.2689	0.2813	0.2738	0.2670	Ave		0.2628				6.6		15.0			
Diethyl phthalate	0.9860 0.8840	0.9983	1.0765	1.0114	0.9601	Ave		0.9860				6.4		15.0			
Fluorene	1.3002 0.9794	1.2766	1.3331	1.1219	1.0871	Ave		1.1830				11.9		15.0			
4-Chlorophenyl phenyl ether	0.6442 0.4890	0.6388	0.6627	0.5606	0.5561	Ave		0.5919				11.4		15.0			
4-Nitroaniline	0.1796 0.1398	0.1824	0.2006	0.1751	0.1815	Ave		0.1765				11.3		15.0			
4,6-Dinitro-2-methylphenol	0.0852 0.1394	0.0996	0.1087	0.1143	0.1326	QuaF		9.2947	-5.256						0.9974		0.9900
N-Nitrosodiphenylamine	0.6519 0.6360	0.6578	0.6423	0.6472	0.6561	Ave		0.6485				1.3		15.0			
1,2-Diphenylhydrazine	0.9436 0.8977	0.8531	0.8645	0.8240	0.7925	Ave		0.8626				6.2		15.0			
4-Bromophenyl phenyl ether	0.2707 0.2711	0.2779	0.2925	0.2786	0.2778	Ave		0.2781				2.8		15.0			
Hexachlorobenzene	0.2994 0.2918	0.2992	0.3066	0.2971	0.2946	Ave		0.2981				1.7		15.0			
Atrazine	0.1614 0.1668	0.1559	0.1730	0.1690	0.1685	Ave		0.1658				3.7		15.0			
Pentachlorophenol	0.1090 0.1556	0.1228	0.1352	0.1504	0.1508	Ave		0.1373				13.5		15.0			
Pentachloronitrobenzene	0.0867 0.0788	0.0840	0.0839	0.0773	0.0807	Ave		0.0819				4.4		15.0			
n-Octadecane	0.5372 0.5155	0.4946	0.5628	0.5112	0.4782	Ave		0.5166				5.8		15.0			
Phenanthrene	1.2073 1.0501	1.1935	1.2256	1.1232	1.0759	Ave		1.1459				6.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 180686

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2013 16:38 Calibration End Date: 09/10/2013 18:50 Calibration ID: 29467

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	1.2080 1.0269	1.1766	1.2363	1.1275	1.0738	Ave		1.1415				7.1		15.0			
Carbazole	0.8808 0.8089	0.8956	0.9203	0.8355	0.8178	Ave		0.8598				5.3		15.0			
Di-n-butyl phthalate	0.9347 1.0084	1.0116	1.0682	1.0524	1.0199	Ave		1.0159				4.6		15.0			
Fluoranthene	0.8908 0.8525	0.9325	0.9429	0.9377	0.8990	Ave		0.9092				3.9		15.0			
Benzidine	0.1571 +++++	0.2194	0.1189	0.0278	0.0095	Ave		0.1066				82.7	*	15.0			
Pyrene	1.8630 1.7108	1.7831	1.9002	1.7450	1.6841	Ave		1.7811				4.8		15.0			
Butyl benzyl phthalate	0.5156 0.6298	0.5261	0.6068	0.6054	0.6278	Ave		0.5852				8.7		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1897	+++++	Ave		0.1897						15.0			
Carbamazepine	0.2981 0.4479	0.3036	0.3495	0.3718	0.4095	QuaF		2.8789	-0.486						0.9997		0.9900
3,3'-Dichlorobenzidine	0.3382 0.2257	0.3486	0.3348	0.2839	0.2447	QuaF		2.4771	2.9549						0.9979		0.9900
Benzo[a]anthracene	1.4455 1.1971	1.1291	1.2144	1.1768	1.1652	Ave		1.2214				9.3		15.0			
Chrysene	1.1271 1.1177	1.1080	1.1922	1.1281	1.1010	Ave		1.1290				2.9		15.0			
Bis(2-ethylhexyl) phthalate	0.6691 0.8328	0.6929	0.8124	0.8017	0.7712	Ave		0.7633				8.8		15.0			
Di-n-octyl phthalate	1.0367 1.4860	1.1721	1.4160	1.4580	1.4015	Ave		1.3284				13.6		15.0			
Benzo[b]fluoranthene	0.9847 1.2243	1.1176	1.1924	1.1101	1.1068	Ave		1.1226				7.4		15.0			
Benzo[k]fluoranthene	1.0948 1.1869	1.2096	1.3380	1.2861	1.2504	Ave		1.2277				6.9		15.0			
Benzo[a]pyrene	0.8622 1.0101	0.9000	1.0063	0.9836	0.9942	Ave		0.9594				6.5		15.0			
Indeno[1,2,3-cd]pyrene	0.6232 0.8573	0.7284	0.8657	0.8462	0.9285	Ave		0.8082				13.8		15.0			
Dibenz(a,h)anthracene	0.7072 0.9950	0.8381	0.9529	0.9357	0.9865	Ave		0.9026				12.3		15.0			
Benzo[g,h,i]perylene	0.8644 0.9824	0.8938	0.9636	0.9210	0.9723	Ave		0.9329				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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 180686

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2013 16:38 Calibration End Date: 09/10/2013 18:50 Calibration ID: 29467

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Fluorophenol	1.3477 1.3185	1.4425	1.3682	1.2863	1.1537	Ave		1.3195				7.3		15.0			
Phenol-d5	1.7188 1.3591	1.6177	1.5294	1.5016	1.3016	Ave		1.5047				10.4		15.0			
Nitrobenzene-d5	0.3496 0.3520	0.3804	0.4264	0.3952	0.3617	Ave		0.3776				7.8		15.0			
2-Fluorobiphenyl	1.5278 1.3936	1.4881	1.5971	1.3472	1.4143	Ave		1.4614				6.4		15.0			
2,4,6-Tribromophenol	0.1660 0.1747	0.1827	0.1947	0.1909	0.1983	Ave		0.1845				6.8		15.0			
Terphenyl-d14	1.2019 1.2510	1.1992	1.3185	1.2299	1.2158	Ave		1.2361				3.6		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.: 460-62993-1 Analy Batch No.: 180686

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2013 16:38 Calibration End Date: 09/10/2013 18:50 Calibration ID: 29467

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180686/7	x5049.d
Level 2	IC 460-180686/6	x5048.d
Level 3	IC 460-180686/5	x5047.d
Level 4	ICIS 460-180686/2	x5044.d
Level 5	IC 460-180686/4	x5046.d
Level 6	IC 460-180686/3	x5045.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
o-Toluidine	DCB	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
1,4-Dioxane	DCB	Ave	44609 920699	71916	151899	369486	598266	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	58293 1389324	100849	219223	521629	845918	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	92536 2401164	170971	372330	850370	1413841	5.00 120	10.0	20.0	50.0	80.0
Benzaldehyde	DCB	Ave	65810 273827	115095	213845	303747	340438	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	146584 +++++	214834	467896	1101880	1633668	5.00 +++++	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	132210 2419195	205629	456440	1056929	1537010	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	11261 2501131	155411	340939	824853	1258615	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	104859 2064573	166592	381086	884381	1336332	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	87747 1775817	133860	321602	740138	1087577	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	121947 2333961	196521	461074	1011167	1500102	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	122799 2166763	199444	459818	977876	1466059	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	53592 1083418	98235	227028	448912	731127	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	107285 1958648	194147	432058	903817	1350615	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.: 460-62993-1 Analy Batch No.: 180686

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2013 16:38 Calibration End Date: 09/10/2013 18:50 Calibration ID: 29467

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
2,2'-oxybis[1-chloropropane]	DCB	Ave	92009 1907470	166956	382704	832915	1273956	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	79306 1531811	146570	324532	692440	1080804	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	108761 2102263	197876	453258	937787	1411493	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	5810 1140582	109781	246530	525823	838883	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	81513 1478017	146535	339241	691399	1105634	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	80346 1478017	145654	334510	691399	1105634	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	3962 745109	72947	162062	349902	545431	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	10824 2020464	219222	465334	990217	1429111	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	13773 2378502	244453	529066	1101297	1641681	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	136260 2994021	247183	510518	1148951	2056771	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	44083 1111458	82598	182616	420703	753231	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	79671 1495383	138447	287678	623104	1064006	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	103870 1976656	172453	362708	809202	1382640	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	QuaF	14400 656599	36464	96309	216610	434274	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	72158 1291485	121730	260308	580402	958631	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	8843 1649966	144801	313543	676756	1120848	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	275743 4693593	467406	964135	2042265	3294078	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	96475 1636195	161560	343121	731463	1161669	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	9041 871330	77737	168567	363672	583569	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	QuaF	11531 356158	22886	59890	147226	235614	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	61207 1120367	96873	222096	508123	762369	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.: 460-62993-1 Analy Batch No.: 180686

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2013 16:38 Calibration End Date: 09/10/2013 18:50 Calibration ID: 29467

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-Methylnaphthalene	NPT	Ave	171085 2874346	265821	601513	1285131	1924365	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	174006 3051704	275179	612741	1338941	1964479	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	QuaF	28088 809170	39407	107162	275489	498079	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	75736 1319142	129206	286213	609367	878587	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	110650 1922513	173943	389475	851489	1270463	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	42185 908262	71957	167254	378481	608580	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	43025 828487	74586	167503	390523	606369	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	190368 2885398	303912	697483	1407428	2006975	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	149523 2243654	236379	529998	1083151	1574517	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	103024 1823836	167993	380159	882672	1248212	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	74762 587805	62631	118430	300342	409662	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	123272 2112508	194919	437851	1029828	1390373	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	127751 2058694	207796	482019	1095722	1505801	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	38444 753249	64185	149732	367045	496392	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	5687 563512	49462	116528	284854	398716	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	223938 3768827	344254	783366	1778551	2549806	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	55471 490883	45977	108523	257574	346409	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	133896 2034242	213782	476097	1071258	1453165	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	118459 2107065	203280	477349	1077213	1481513	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	16413 276763	23599	50333	94359	173876	15.0 120	20.0	30.0	50.0	80.0
4-Nitrophenol	ANT	Ave	34882 300440	43578	77895	156273	202600	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.: 460-62993-1 Analy Batch No.: 180686

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2013 16:38 Calibration End Date: 09/10/2013 18:50 Calibration ID: 29467

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	185040 2927210	299599	671460	1515653	2083932	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	6537 628140	55686	133011	313396	441616	1.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	27905 513943	49730	111512	275786	387994	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	109098 1944425	184603	426695	1018601	1395347	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	143864 2154217	236080	528407	1129902	1579870	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	71276 1075650	118132	262705	564593	808265	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	39747 307593	33724	79513	176351	263744	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	QuaF	34479 347234	45061	83595	136767	235139	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	87935 1584496	148799	329300	774669	1163451	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	127286 2236616	192982	443233	986307	1405317	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	36519 675386	62863	149976	333485	492683	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	4039 727144	67682	157213	355655	522420	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	21776 415578	35259	88684	202233	298865	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	44099 387583	55553	103988	180053	267449	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	11697 196324	19010	43033	92573	143140	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	72457 1284419	111889	288544	611920	847960	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	162854 2616302	269992	628413	1344436	1907924	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	162951 2558623	266173	633864	1349636	1904128	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	118805 2015347	202596	471887	1000049	1450181	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	126085 2512339	228842	547686	1259708	1808618	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	120160 2124014	210945	483464	1122404	1594273	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.: 460-62993-1 Analy Batch No.: 180686

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2013 16:38 Calibration End Date: 09/10/2013 18:50 Calibration ID: 29467

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	21193 +++++	99285	91417	33322	16844	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	119964 2033784	209185	471676	1077944	1525265	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	33199 748676	61715	150632	373945	568603	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	1172	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Carbamazepine	CRY	QuaF	19192 532436	35620	86765	229648	370840	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	QuaF	43560 268317	81786	124667	175391	221645	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	9308 1423111	132457	301438	726965	1055307	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	72578 1328741	129986	295936	696830	997140	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	43084 990014	81284	201662	495236	698453	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	49694 1422385	100219	257365	686432	988438	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	4720 1171855	95557	216718	522630	780591	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	5248 1136124	103426	243196	605528	881873	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	4133 966895	76947	182902	463087	701182	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	2987 820578	62277	157340	398386	654871	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	Ave	3390 952424	71660	173190	440547	695782	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	41433 940369	76423	175146	433643	685756	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	93610 2122432	166500	360441	804990	1167670	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	119385 2187692	186725	402902	939744	1317382	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	83852 1870831	160592	362132	819653	1289647	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	169050 3065450	275178	633075	1356801	2055459	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	18368 384185	33794	77195	192206	288148	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.: 460-62993-1 Analy Batch No.: 180686

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2013 16:38 Calibration End Date: 09/10/2013 18:50 Calibration ID: 29467

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Terphenyl-d14	CRY	Ave	77394 1487234	140679	327277	759734	1101146	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181568

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:58 Calibration End Date: 09/16/2013 17:20 Calibration ID: 29827

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181568/7	112638.D
Level 2	IC 460-181568/6	112637.D
Level 3	IC 460-181568/5	112636.D
Level 4	ICIS 460-181568/2	112633.D
Level 5	IC 460-181568/4	112635.D
Level 6	IC 460-181568/3	112634.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	0.4460 0.4398	0.4326	0.4701	0.4409	0.4151	Ave		0.4408				4.1		15.0			
N-Nitrosodimethylamine	0.4996 0.6070	0.5127	0.5861	0.5637	0.5850	Ave		0.5590				7.8		15.0			
Pyridine	0.8754 1.1649	0.9465	1.1672	1.0499	1.0490	Ave		1.0421				11.0		15.0			
Aniline	1.6012 1.6004	1.5305	1.6071	1.5973	1.5512	Ave		1.5813				2.0		15.0			
Phenol	1.3424 1.4328	1.4272	1.4780	1.4987	1.3737	Ave		1.4255				4.2		15.0			
Bis(2-chloroethyl)ether	1.3035 1.1351	1.1982	1.1702	1.1294	1.0973	Ave		1.1723				6.2		15.0			
2-Chlorophenol	1.3213 1.3086	1.3467	1.3223	1.3584	1.2643	Ave		1.3203				2.5		15.0			
Decane	1.2690 1.2247	1.2009	1.2006	1.2663	1.1861	Ave		1.2246				2.9		15.0			
1,3-Dichlorobenzene	1.6359 1.5913	1.6293	1.6493	1.6067	1.5722	Ave		1.6141				1.8		15.0			
1,4-Dichlorobenzene	1.6359 1.6232	1.6567	1.6747	1.6349	1.5826	Ave		1.6347				1.9		15.0			
1,2-Dichlorobenzene	1.5116 1.5230	1.5617	1.5957	1.5485	1.4951	Ave		1.5393				2.4		15.0			
Benzyl alcohol	0.6460 0.7605	0.6904	0.7667	0.7995	0.7438	Ave		0.7345				7.7		15.0			
2-Methylphenol	1.0292 1.0666	1.0996	1.0787	1.1176	1.0295	Ave		1.0702				3.4		15.0			
2,2'-oxybis[1-chloropropane]	1.5398 1.4884	1.5817	1.5767	1.5788	1.4415	Ave		1.5345				3.8		15.0			
N-Nitrosodi-n-propylamine	0.5060 0.7868	0.7971	0.8263	0.8610	0.8039	Lin2	-0.157	0.8210			0.0500				0.9990		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181568

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:58 Calibration End Date: 09/16/2013 17:20 Calibration ID: 29827

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								
3 & 4 Methylphenol	1.0130 1.0901	1.0549	1.0807	1.1497	1.0599	Ave		1.0747				4.2		15.0			
4-Methylphenol	0.9607 1.0875	1.0289	1.0554	1.1408	1.0599	Ave		1.0555				5.7		15.0			
Hexachloroethane	0.6580 0.6418	0.6391	0.6377	0.6473	0.6227	Ave		0.6411				1.8		15.0			
Nitrobenzene	0.3683 0.4672	0.4514	0.4635	0.4662	0.4617	Ave		0.4464				8.7		15.0			
n,n'-Dimethylaniline	1.7741 1.7473	1.8810	1.8771	1.8323	1.7131	Ave		1.8041				3.9		15.0			
Isophorone	0.5257 0.5208	0.5118	0.5195	0.5274	0.5159	Ave		0.5202				1.1		15.0			
2-Nitrophenol	0.1310 0.2023	0.1768	0.1845	0.1941	0.1965	Ave		0.1809				14.0		15.0			
2,4-Dimethylphenol	0.2942 0.2929	0.2879	0.2930	0.2942	0.2833	Ave		0.2909				1.5		15.0			
Bis(2-chloroethoxy)methane	0.3519 0.3630	0.3703	0.3717	0.3734	0.3616	Ave		0.3653				2.2		15.0			
2,4-Dichlorophenol	0.2528 0.2828	0.2323	0.2611	0.2773	0.2742	Ave		0.2634				7.2		15.0			
Benzoic acid	0.0014 0.1586	0.0073	0.0410	0.1215	0.1424	Qua	-1.119	0.1225	0.0004						0.9970		0.9900
1,2,4-Trichlorobenzene	0.3449 0.3347	0.3505	0.3485	0.3314	0.3323	Ave		0.3404				2.5		15.0			
Naphthalene	1.0500 0.9892	1.0497	1.0646	1.0107	0.9920	Ave		1.0260				3.2		15.0			
4-Chloroaniline	0.3843 0.3777	0.3882	0.4000	0.3912	0.3890	Ave		0.3884				1.9		15.0			
Hexachlorobutadiene	0.1974 0.2048	0.2079	0.2064	0.1986	0.2048	Ave		0.2033				2.1		15.0			
4-Chloro-3-methylphenol	0.2430 0.2697	0.2488	0.2525	0.2630	0.2584	Ave		0.2559				3.8		15.0			
2-Methylnaphthalene	0.6836 0.6108	0.6730	0.6638	0.6417	0.6161	Ave		0.6482				4.7		15.0			
1-Methylnaphthalene	0.6803 0.6220	0.6822	0.6538	0.6635	0.6444	Ave		0.6577				3.5		15.0			
Hexachlorocyclopentadiene	0.1123 0.2844	0.1199	0.1698	0.2307	0.2689	Lin1	-1.273	0.2806			0.0500				0.9900		0.9900
1,2,4,5-Tetrachlorobenzene	0.6460 0.6412	0.6233	0.6317	0.6155	0.5974	Ave		0.6259				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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181568

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:58 Calibration End Date: 09/16/2013 17:20 Calibration ID: 29827

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-tertbutyl-4-methylphenol	0.4491 0.4096	0.4367	0.4316	0.4315	0.4188	Ave		0.4295				3.2		15.0			
2,4,6-Trichlorophenol	0.3310 0.3963	0.3486	0.3612	0.3760	0.3786	Ave		0.3653				6.4		15.0			
2,4,5-Trichlorophenol	0.2977 0.4266	0.3737	0.4076	0.4168	0.4050	Ave		0.3879				12.0		15.0			
2-Chloronaphthalene	1.1871 1.1828	1.2243	1.2136	1.2018	1.1759	Ave		1.1976				1.6		15.0			
Diphenyl ether	0.7972 0.8098	0.8144	0.8225	0.8006	0.7925	Ave		0.8062				1.4		15.0			
2-Nitroaniline	0.2395 0.3239	0.2832	0.2917	0.3283	0.3043	Ave		0.2952				11.0		15.0			
Dimethylnaphthalene, total	0.9791 0.9026	0.9302	0.9245	0.9616	0.9074	Ave		0.9342				3.2		15.0			
Coumarin	0.1733 0.2148	0.2084	0.2156	0.2237	0.2212	Ave		0.2095				8.8		15.0			
Dimethyl phthalate	1.2758 1.2747	1.3112	1.2937	1.2884	1.2575	Ave		1.2836				1.4		15.0			
2,6-Dinitrotoluene	0.2852 0.2992	0.2862	0.2855	0.2957	0.2817	Ave		0.2889				2.4		15.0			
Acenaphthylene	1.9089 1.7560	1.8248	1.8369	1.8114	1.7454	Ave		1.8139				3.3		15.0			
3-Nitroaniline	0.2842 0.3274	0.2898	0.2936	0.3265	0.3071	Ave		0.3048				6.2		15.0			
Acenaphthene	1.0763 1.0546	1.1212	1.1082	1.0746	1.0393	Ave		1.0790				2.9		15.0			
3,5-di-tert-butyl-4-hydroxytol	1.0632 0.9709	1.0561	1.0479	1.0114	0.9909	Ave		1.0234				3.7		15.0			
2,4-Dinitrophenol	0.0253 0.1560	0.0464	0.0930	0.1212	0.1356	Lin2	-2.238	0.1674			0.0500				0.9960		0.9900
Dibenzofuran	1.6724 1.5969	1.6625	1.6547	1.6246	1.5826	Ave		1.6323				2.3		15.0			
4-Nitrophenol	0.0724 0.1575	0.1028	0.1116	0.1000	0.1445	Qua	-0.402	0.1001	0.0005		0.0500				0.9940		0.9900
2,4-Dinitrotoluene	0.3353 0.4025	0.3717	0.3761	0.3962	0.3839	Ave		0.3776				6.3		15.0			
2,3,4,6-Tetrachlorophenol	0.2674 0.3112	0.2846	0.2952	0.3057	0.3175	Ave		0.2969				6.3		15.0			
Diethyl phthalate	1.2280 1.2841	1.2749	1.2820	1.2931	1.2389	Ave		1.2668				2.1		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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181568

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:58 Calibration End Date: 09/16/2013 17:20 Calibration ID: 29827

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								
Fluorene	1.3059 1.2760	1.3230	1.3360	1.3044	1.2599	Ave		1.3009				2.2		15.0			
4-Chlorophenyl phenyl ether	0.6254 0.6317	0.6346	0.6469	0.6347	0.6202	Ave		0.6323				1.4		15.0			
4-Nitroaniline	0.2367 0.3073	0.2648	0.2707	0.2993	0.2924	Ave		0.2785				9.4		15.0			
4,6-Dinitro-2-methylphenol	0.0684 0.1457	0.0921	0.1067	0.1199	0.1332	Lin2	-1.219	0.1498							0.9980		0.9900
N-Nitrosodiphenylamine	0.5646 0.5679	0.5594	0.5320	0.5570	0.5791	Ave		0.5600				2.8		15.0			
1,2-Diphenylhydrazine	0.7426 0.7934	0.7438	0.7716	0.7807	0.7759	Ave		0.7680				2.7		15.0			
4-Bromophenyl phenyl ether	0.2424 0.2553	0.2520	0.2587	0.2528	0.2537	Ave		0.2525				2.2		15.0			
Hexachlorobenzene	0.2993 0.3004	0.2953	0.3037	0.2933	0.2991	Ave		0.2985				1.2		15.0			
Pentachlorophenol	0.0797 0.1549	0.1003	0.1188	0.1345	0.1456	Lin2	-1.243	0.1619							1.0000		0.9900
Pentachloronitrobenzene	0.1041 0.1114	0.1008	0.1098	0.1052	0.1162	Ave		0.1079				5.2		15.0			
n-Octadecane	0.4264 0.4431	0.4122	0.4374	0.4471	0.4406	Ave		0.4345				3.0		15.0			
Phenanthrene	1.1172 1.1231	1.1544	1.1470	1.1361	1.1102	Ave		1.1313				1.5		15.0			
Anthracene	1.1301 1.1339	1.1785	1.1621	1.1645	1.1457	Ave		1.1524				1.6		15.0			
Carbazole	0.9665 0.9913	1.0051	1.0337	1.0192	1.0072	Ave		1.0038				2.3		15.0			
Di-n-butyl phthalate	1.2158 1.3280	1.2927	1.3171	1.3149	1.3075	Ave		1.2960				3.2		15.0			
Fluoranthene	1.1577 1.1683	1.1904	1.2075	1.1854	1.1608	Ave		1.1784				1.6		15.0			
Benzidine	0.4935 0.4346	0.6026	0.5388	0.3974	0.4158	Ave		0.4805				17.0	*	15.0			
Pyrene	1.2530 1.3031	1.3052	1.3635	1.3371	1.3390	Ave		1.3168				2.9		15.0			
Butyl benzyl phthalate	0.5182 0.6023	0.5390	0.5653	0.5900	0.6062	Ave		0.5702				6.3		15.0			
Carbamazepine	0.3062 0.4489	0.3483	0.3820	0.4115	0.4338	Ave		0.3884				14.0		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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181568

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:58 Calibration End Date: 09/16/2013 17:20 Calibration ID: 29827

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								
2,3,7,8-TCDD (Screen)				0.2007		Ave		0.2007						15.0			
3,3'-Dichlorobenzidine	0.4250 0.4216	0.4330	0.4384	0.4268	0.4218	Ave		0.4277				1.6		15.0			
Benzo[a]anthracene	1.3255 1.1008	1.1463	1.1581	1.1372	1.1214	Ave		1.1649				7.0		15.0			
Chrysene	1.1058 1.1146	1.1638	1.1917	1.1056	1.0900	Ave		1.1286				3.5		15.0			
Bis(2-ethylhexyl) phthalate	0.7530 0.8444	0.7621	0.7949	0.8297	0.8399	Ave		0.8040				5.0		15.0			
Di-n-octyl phthalate	1.1693 1.2809	1.2986	1.2560	1.4024	1.3381	Ave		1.2909				6.1		15.0			
Benzo[b]fluoranthene	1.0319 1.0154	1.0762	1.0094	1.1075	1.0564	Ave		1.0495				3.6		15.0			
Benzo[k]fluoranthene	1.1517 1.1497	1.2009	1.2564	1.1496	1.0996	Ave		1.1680				4.6		15.0			
Benzo[a]pyrene	0.8215 0.9695	0.9498	0.9615	0.9577	0.9410	Ave		0.9335				6.0		15.0			
Indeno[1,2,3-cd]pyrene	0.8586 1.1772	0.9936	1.0697	1.0540	1.1400	Ave		1.0488				11.0		15.0			
Dibenz(a,h)anthracene	0.9409 1.1432	0.9867	1.0482	1.0722	1.1287	Ave		1.0533				7.5		15.0			
Benzo[g,h,i]perylene	0.9332 1.1897	0.9472	1.0614	1.1057	1.1704	Ave		1.0679				10.0		15.0			
2-Fluorophenol	0.8073 1.1121	0.8850	1.0171	1.0833	1.0593	Ave		0.9940				12.0		15.0			
Phenol-d5	1.2790 1.3733	1.3460	1.3532	1.4155	1.3240	Ave		1.3485				3.4		15.0			
Nitrobenzene-d5	0.3274 0.3583	0.3248	0.3266	0.3430	0.3391	Ave		0.3365				3.8		15.0			
2-Fluorobiphenyl	1.4033 1.3625	1.3603	1.3315	1.3378	1.3123	Ave		1.3513				2.3		15.0			
2,4,6-Tribromophenol	0.2400 0.2690	0.2437	0.2383	0.2573	0.2588	Ave		0.2512				4.9		15.0			
Terphenyl-d14	0.9408 0.9436	0.9410	0.9236	0.9677	0.9669	Ave		0.9473				1.8		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181568

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:58 Calibration End Date: 09/16/2013 17:20 Calibration ID: 29827

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181568/7	112638.D
Level 2	IC 460-181568/6	112637.D
Level 3	IC 460-181568/5	112636.D
Level 4	ICIS 460-181568/2	112633.D
Level 5	IC 460-181568/4	112635.D
Level 6	IC 460-181568/3	112634.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	27893 596096	54000	109194	283695	463008	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	31244 822725	64002	136137	362716	652529	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	54743 1578852	118157	271095	675567	1169972	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	100127 2169166	191067	373267	1027794	1730124	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	83948 1942045	178170	343264	964354	1532176	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	8151 1538494	149579	271795	726697	1223879	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	82629 1773720	168116	307117	874079	1410133	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	79356 1659951	149919	278850	814820	1322860	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	102298 2156856	203401	383060	1033825	1753567	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	102298 2200166	206823	388962	1051949	1765128	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	94526 2064229	194959	370602	996384	1667542	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	40399 1030853	86194	178079	514431	829595	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	64363 1445695	137270	250546	719093	1148249	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	96289 2017400	197459	366202	1015888	1607788	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Lin2	3164 1066385	99507	191914	554016	896624	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	63346 1477497	131698	250990	739754	1182192	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.: 460-62993-1 Analy Batch No.: 181568

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:58 Calibration End Date: 09/16/2013 17:20 Calibration ID: 29827

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Methylphenol	DCB	Ave	60078 1474029	128449	245119	734051	1182192	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	4115 869857	79790	148111	416520	694501	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	8626 2292004	212673	401044	1133522	1856405	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	11094 2368278	234820	435971	1178986	1910691	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	123112 2555138	241148	449503	1282295	2074712	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	30680 992698	83310	159637	471902	790202	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	68895 1436991	135642	253562	715296	1139383	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	82406 1781064	174476	321594	908001	1453950	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	59206 1387522	109426	225882	674196	1102641	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	Qua	332 777999	3446	35439	295358	572531	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	8077 1642043	165114	301540	805923	1336182	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	245923 4852994	494533	921192	2457530	3989173	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	90003 1853189	182899	346096	951340	1564131	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	9246 1004604	97945	178598	482891	823461	1.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	56903 1323297	117232	218490	639568	1039248	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	160096 2996528	317063	574356	1560383	2477394	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	159337 3051413	321391	565703	1613289	2591341	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Lin1	14104 713152	30407	79106	293722	568497	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	81112 1608049	158024	294288	783592	1263098	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	105177 2009556	205749	373441	1049199	1684060	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	41558 993789	88368	168263	478627	800491	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.: 460-62993-1 Analy Batch No.: 181568

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:58 Calibration End Date: 09/16/2013 17:20 Calibration ID: 29827

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
2,4,5-Trichlorophenol	ANT	Ave	37375 1069970	94727	189876	530636	856319	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	149056 2966431	310366	565359	1529962	2486086	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	100095 2030982	206469	383184	1019170	1675425	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	60144 812262	71799	135895	417966	643376	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	122938 2263660	235815	430668	1224145	1918410	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	40588 1054045	98193	186512	543836	889514	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	160196 3196880	332403	602649	1640186	2658534	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	7161 750374	72556	133007	376422	595549	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	239684 4403879	462612	855698	2305936	3690022	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	71367 820964	73479	136753	415684	649369	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	135143 2644751	284242	516250	1367952	2197353	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	133490 2434786	267730	488170	1287486	2094939	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	Lin2	9516 391317	23503	64983	154313	286730	15.0 120	20.0	30.0	50.0	80.0
Dibenzofuran	ANT	Ave	209981 4004740	421458	770822	2068183	3345822	5.00 120	10.0	20.0	50.0	80.0
4-Nitrophenol	ANT	Qua	27261 394922	52097	77953	127320	305515	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	8421 1009337	94243	175213	504304	811740	1.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	33573 780529	72148	137535	389189	671158	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	154187 3220470	323194	597242	1646186	2619229	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	163966 3199935	335391	622378	1660555	2663749	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	78531 1584150	160888	301379	808007	1311319	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	59443 770675	67134	126096	381072	618277	10.0 120	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.: 460-62993-1 Analy Batch No.: 181568

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:58 Calibration End Date: 09/16/2013 17:20 Calibration ID: 29827

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4,6-Dinitro-2-methylphenol	PHN	Lin2	41187 564620	74903	118006	242713	432847	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	113341 2200805	227381	392372	1127471	1881900	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	149082 3074511	302366	569094	1580152	2521565	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	48658 989520	102449	190771	511659	824587	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	6008 1164175	120031	223949	593703	972004	0.500 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Lin2	48030 600311	81583	131398	272205	473181	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	20906 431697	40989	80948	212989	377566	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	85609 1717055	167575	322623	904864	1431868	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	224282 4352182	469279	845921	2299419	3607801	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	226869 4394198	479066	857035	2356876	3723168	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	194035 3841636	408590	762337	2062829	3273179	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	244081 5146228	525479	971353	2661430	4248908	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	232418 4527456	483924	890557	2399353	3772228	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	99078 1684400	489902	596047	804315	1351235	5.00 120	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	234613 4553131	494637	901368	2374571	3716641	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	97035 2104547	204253	373685	1047793	1682513	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	Ave	57327 1568428	131991	252522	730738	1203952	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave				3564					0.500	
3,3'-Dichlorobenzidine	CRY	Ave	159153 1472889	328184	434711	757906	1170658	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	24818 3846249	434400	765538	2019641	3112500	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	207054 3894284	441055	787792	1963512	3025322	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.: 460-62993-1 Analy Batch No.: 181568

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:58 Calibration End Date: 09/16/2013 17:20 Calibration ID: 29827

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
Bis(2-ethylhexyl) phthalate	CRY	Ave	140988 2950214	288808	525445	1473578	2331330	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	206288 4686534	459293	807056	2275102	3650580	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	18205 3715279	380656	648564	1796681	2882016	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	20318 4206381	424746	807268	1864937	2999978	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	14493 3546983	335930	617828	1553570	2567136	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	15147 4307098	351415	687324	1709785	3109990	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	Ave	16600 4182560	349005	673528	1739336	3079311	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	164637 4352713	335003	682014	1793699	3193112	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	50484 1507384	110485	236234	697066	1181530	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	79982 1861354	168031	314279	910784	1476689	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	76681 1757645	153048	282642	833968	1363664	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	176204 3416914	344846	620289	1703013	2774351	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	30131 674690	61772	111025	327545	547087	5.00 120	10.0	20.0	50.0	80.0
Terphenyl-d14	CRY	Ave	176153 3297056	356621	610527	1718533	2683630	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181568

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 17:48 Calibration End Date: 09/16/2013 20:10 Calibration ID: 29833

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181568/13	112644.D
Level 2	IC 460-181568/12	112643.D
Level 3	IC 460-181568/11	112642.D
Level 4	IC 460-181568/8	112639.D
Level 5	IC 460-181568/10	112641.D
Level 6	IC 460-181568/9	112640.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								
Benzaldehyde	0.4953 1.0249	0.7346	0.9145	0.9641	1.0031	Lin2	-2.746	1.0350							1.0000		0.9900
Acetophenone	1.0549 1.7363	1.3502	1.5649	1.6378	1.7136	Lin2	-3.510	1.7383							1.0000		0.9900
Caprolactam	0.0215 0.0818	0.0405	0.0567	0.0730	0.0806	Lin2	-0.315	0.0796							0.9910		0.9900
Diphenyl	1.4392 1.4274	1.4669	1.5503	1.4548	1.4707	Ave		1.4682				3.0		15.0			
Atrazine	0.1768 0.2027	0.1797	0.2017	0.2020	0.2037	Ave		0.1944				6.5		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.: 460-62993-1 Analy Batch No.: 181568

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 17:48 Calibration End Date: 09/16/2013 20:10 Calibration ID: 29833

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181568/13	112644.D
Level 2	IC 460-181568/12	112643.D
Level 3	IC 460-181568/11	112642.D
Level 4	IC 460-181568/8	112639.D
Level 5	IC 460-181568/10	112641.D
Level 6	IC 460-181568/9	112640.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
Benzaldehyde	DCB	Lin2	22687 1183596	85183	211819	588729	933780	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Lin2	48318 2005225	156563	362465	1000147	1595112	5.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Lin2	3914 363389	17886	48714	167809	287792	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	141202 3408193	341087	715488	1814992	2826062	5.00 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	28407 792875	67498	149766	403629	634377	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 179169

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2013 11:13 Calibration End Date: 08/31/2013 13:07 Calibration ID: 28826

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-179169/7	M68901.D
Level 2	IC 460-179169/6	M68900.D
Level 3	IC 460-179169/5	M68899.D
Level 4	ICIS 460-179169/2	M68896.D
Level 5	IC 460-179169/4	M68898.D
Level 6	IC 460-179169/3	M68897.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	0.7853 0.6651	0.7330	0.7299	0.6724	0.6489	Ave		0.7058				7.4		15.0			
N-Nitrosodimethylamine	0.9458 0.9974	0.8854	1.0371	0.9902	0.9492	Ave		0.9675				5.4		15.0			
Pyridine	1.2892 1.4935	1.2788	1.4885	1.4274	1.4398	Ave		1.4029				6.8		15.0			
Benzaldehyde	1.1166 0.6276	1.0677	0.9823	0.8353	0.7475	Qua	0.2411	0.9594	-0.014						1.0000		0.9900
Aniline	1.8111 1.6750	1.7430	1.7204	1.7175	1.7437	Ave		1.7351				2.6		15.0			
Phenol	1.7226 1.6887	1.7455	1.7363	1.6815	1.7704	Ave		1.7242				2.0		15.0			
Bis(2-chloroethyl)ether	1.5708 1.4222	1.4498	1.4437	1.3349	1.2281	Ave		1.4082				8.2		15.0			
2-Chlorophenol	1.2270 1.3088	1.3214	1.3544	1.2671	1.3112	Ave		1.2983				3.4		15.0			
Decane	1.7337 1.7807	1.6652	1.6617	1.6672	1.6912	Ave		1.7000				2.8		15.0			
1,3-Dichlorobenzene	1.5453 1.3763	1.5029	1.5434	1.3758	1.3926	Ave		1.4560				5.7		15.0			
1,4-Dichlorobenzene	1.4642 1.3798	1.5450	1.5398	1.3673	1.4251	Ave		1.4535				5.3		15.0			
Benzyl alcohol	0.7590 0.7890	0.8014	0.8230	0.8135	0.7883	Ave		0.7957				2.8		15.0			
1,2-Dichlorobenzene	1.4629 1.3843	1.4534	1.4393	1.3061	1.3307	Ave		1.3961				4.8		15.0			
2-Methylphenol	1.1901 1.2016	1.2403	1.2092	1.1859	1.2321	Ave		1.2099				1.8		15.0			
2,2'-oxybis[1-chloropropane]	2.2169 2.0550	2.1843	2.2414	2.0955	2.0382	Ave		2.1386				4.1		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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 179169

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2013 11:13 Calibration End Date: 08/31/2013 13:07 Calibration ID: 28826

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								
Acetophenone	2.0803 1.7961	2.0873	2.1219	1.8535	1.8242	Ave		1.9605				7.7		15.0			
N-Nitrosodi-n-propylamine	1.4457 1.0974	1.2595	1.2529	1.2138	1.1336	Ave		1.2338			0.0500	9.9		15.0			
3 & 4 Methylphenol	1.3100 1.1958	1.3108	1.2727	1.2013	1.2285	Ave		1.2532				4.2		15.0			
4-Methylphenol	1.2037 1.1669	1.2787	1.2187	1.1789	1.2269	Ave		1.2123				3.3		15.0			
Hexachloroethane	0.8427 0.7823	0.8284	0.8601	0.7705	0.7711	Ave		0.8092				4.9		15.0			
Nitrobenzene	0.9642 0.7793	0.7818	0.8264	0.7928	0.7425	Ave		0.8145				9.6		15.0			
n,n'-Dimethylaniline	1.9596 1.7598	1.8452	1.8448	1.7163	1.7195	Ave		1.8076				5.2		15.0			
Isophorone	0.9338 0.7930	0.8607	0.8767	0.8423	0.7910	Ave		0.8496				6.4		15.0			
2-Nitrophenol	0.2400 0.2461	0.2380	0.2603	0.2505	0.2493	Ave		0.2473				3.3		15.0			
2,4-Dimethylphenol	0.3370 0.3382	0.3408	0.3447	0.3291	0.3448	Ave		0.3391				1.7		15.0			
Bis(2-chloroethoxy)methane	0.4839 0.4215	0.4706	0.4774	0.4631	0.4310	Ave		0.4579				5.6		15.0			
Benzoic acid	0.0811 0.1802	0.1243	0.1883	0.1801	0.1997	Lin2	-0.119	0.1977							0.9930		0.9900
2,4-Dichlorophenol	0.3476 0.3383	0.3379	0.3580	0.3417	0.3485	Ave		0.3453				2.2		15.0			
1,2,4-Trichlorobenzene	0.4359 0.3850	0.4096	0.4340	0.4004	0.4063	Ave		0.4119				4.8		15.0			
Naphthalene	1.0564 0.9724	1.0318	1.0587	1.0164	1.0017	Ave		1.0229				3.2		15.0			
4-Chloroaniline	0.4328 0.4018	0.4103	0.4170	0.4055	0.3740	Ave		0.4069				4.8		15.0			
Hexachlorobutadiene	0.2665 0.2484	0.2626	0.2745	0.2657	0.2403	Ave		0.2597				4.9		15.0			
Caprolactam	0.0679 0.0783	0.0786	0.0913	0.1016	0.0931	Ave		0.0851				15.0		15.0			
4-Chloro-3-methylphenol	0.3597 0.3539	0.3545	0.3829	0.3630	0.3617	Ave		0.3626				2.9		15.0			
2-Methylnaphthalene	0.7205 0.6425	0.6624	0.6632	0.6636	0.6114	Ave		0.6606				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 CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 179169

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2013 11:13 Calibration End Date: 08/31/2013 13:07 Calibration ID: 28826

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-Methylnaphthalene	0.7213 0.6705	0.6751	0.7381	0.7034	0.6586	Ave		0.6945				4.5		15.0			
Hexachlorocyclopentadiene	0.4432 0.5673	0.3852	0.4185	0.4150	0.5008	Ave		0.4550			0.0500	15.0		15.0			
1,2,4,5-Tetrachlorobenzene	0.6931 0.7951	0.7266	0.7567	0.6863	0.7155	Ave		0.7289				5.6		15.0			
2-tertbutyl-4-methylphenol	0.5040 0.4848	0.4896	0.5118	0.5148	0.4504	Ave		0.4926				4.8		15.0			
2,4,6-Trichlorophenol	0.4005 0.4527	0.3869	0.4301	0.4021	0.4525	Ave		0.4208				6.7		15.0			
2,4,5-Trichlorophenol	0.4654 0.4586	0.4248	0.4768	0.4155	0.4593	Ave		0.4501				5.4		15.0			
Diphenyl	1.4127 1.4704	1.3435	1.5324	1.4180	1.4509	Ave		1.4380				4.4		15.0			
2-Chloronaphthalene	1.1902 1.2274	1.2221	1.2498	1.0939	1.1863	Ave		1.1949				4.6		15.0			
Diphenyl ether	0.8521 0.8283	0.8156	0.8985	0.7949	0.8093	Ave		0.8331				4.5		15.0			
2-Nitroaniline	0.5825 0.5040	0.6457	0.6995	0.6519	0.6404	Ave		0.6207				11.0		15.0			
Dimethylnaphthalene, total	0.9483 0.9998	0.8852	0.9419	0.8951	0.9193	Ave		0.9316				4.5		15.0			
Dimethyl phthalate	1.3214 1.2841	1.2802	1.4422	1.3007	1.2133	Ave		1.3070				5.8		15.0			
Coumarin	0.2187 0.2065	0.1967	0.2108	0.2179	0.2011	Ave		0.2086				4.3		15.0			
2,6-Dinitrotoluene	0.2973 0.3262	0.3149	0.3472	0.3272	0.3163	Ave		0.3215				5.2		15.0			
Acenaphthylene	1.9102 1.6841	1.6693	1.7938	1.5944	1.6637	Ave		1.7193				6.6		15.0			
3-Nitroaniline	0.2808 0.2746	0.2532	0.2887	0.2866	0.2676	Ave		0.2752				4.8		15.0			
Acenaphthene	1.0306 1.1076	0.9891	1.0459	1.0218	1.0519	Ave		1.0411				3.8		15.0			
3,5-di-tert-butyl-4-hydroxytol	0.9316 1.1670	0.9671	1.0097	0.9960	1.0812	Ave		1.0255				8.3		15.0			
2,4-Dinitrophenol	0.0900 0.2046	0.1114	0.1554	0.1736	0.1851	Lin2	-0.385	0.2145			0.0500				0.9980		0.9900
4-Nitrophenol	0.2104 0.3319	0.2423	0.2814	0.3089	0.2993	Lin2	-0.386	0.3404			0.0500				0.9980		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 179169

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2013 11:13 Calibration End Date: 08/31/2013 13:07 Calibration ID: 28826

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-Dinitrotoluene	0.3960 0.4246	0.3945	0.4065	0.4038	0.4086	Ave		0.4057				2.7		15.0			
Dibenzofuran	1.6238 1.5118	1.5317	1.5725	1.4765	1.5206	Ave		1.5395				3.4		15.0			
2,3,4,6-Tetrachlorophenol	0.3040 0.3192	0.3066	0.3176	0.3055	0.3084	Ave		0.3102				2.1		15.0			
Diethyl phthalate	1.2999 1.2028	1.2926	1.3755	1.2663	1.2477	Ave		1.2808				4.5		15.0			
Fluorene	1.2118 1.2777	1.2164	1.2449	1.2178	1.2420	Ave		1.2351				2.0		15.0			
4-Chlorophenyl phenyl ether	0.6290 0.7079	0.5946	0.6347	0.6220	0.6663	Ave		0.6424				6.2		15.0			
4-Nitroaniline	0.2041 0.2429	0.2104	0.2614	0.2592	0.2445	Ave		0.2371				10.0		15.0			
4,6-Dinitro-2-methylphenol	0.1261 0.1801	0.1355	0.1546	0.1678	0.1669	Ave		0.1552				13.0		15.0			
N-Nitrosodiphenylamine	0.5595 0.5999	0.5675	0.5586	0.5732	0.6083	Ave		0.5778				3.7		15.0			
1,2-Diphenylhydrazine	1.0499 0.9749	1.0592	1.1396	1.0615	1.0240	Ave		1.0515				5.1		15.0			
4-Bromophenyl phenyl ether	0.2338 0.2574	0.2222	0.2445	0.2537	0.2383	Ave		0.2416				5.4		15.0			
Hexachlorobenzene	0.2295 0.2589	0.2507	0.2581	0.2448	0.2533	Ave		0.2492				4.4		15.0			
Atrazine	0.1922 0.2092	0.1804	0.1964	0.2100	0.2077	Ave		0.1993				5.9		15.0			
Pentachlorophenol	0.1198 0.1898	0.1397	0.1539	0.1602	0.1659	Ave		0.1549				15.0		15.0			
Pentachloronitrobenzene	0.1133 0.1346	0.1299	0.1327	0.1310	0.1320	Ave		0.1289				6.0		15.0			
n-Octadecane	0.5906 0.7024	0.5864	0.6428	0.6171	0.6504	Ave		0.6316				6.9		15.0			
Phenanthrene	1.0541 1.0113	1.0224	1.1052	1.0599	1.0511	Ave		1.0507				3.1		15.0			
Anthracene	1.0663 1.1027	1.0505	1.1409	1.0308	1.0508	Ave		1.0737				3.8		15.0			
Carbazole	0.8963 0.8720	0.8717	0.9445	0.9333	0.8745	Ave		0.8987				3.6		15.0			
Di-n-butyl phthalate	1.3581 1.2227	1.3222	1.4161	1.3614	1.2821	Ave		1.3271				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 EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 179169

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2013 11:13 Calibration End Date: 08/31/2013 13:07 Calibration ID: 28826

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								
Fluoranthene	1.0252 1.0669	1.0531	1.1091	1.0532	1.0180	Ave		1.0543				3.1		15.0			
Benzidine	0.2351 0.0949	0.2962	0.2344	0.2019	0.1141	Ave		0.1961				40.0	*	15.0			
Pyrene	1.8672 1.5392	1.7454	1.6972	1.5272	1.5847	Ave		1.6602				8.1		15.0			
Butyl benzyl phthalate	0.8390 0.7711	0.8110	0.8700	0.7626	0.8003	Ave		0.8090				5.0		15.0			
2,3,7,8-TCDD (Screen)				0.1096		Ave		0.1096						15.0			
Carbamazepine	0.3987 0.5762	0.4189	0.4877	0.5470	0.5327	Ave		0.4935				15.0		15.0			
3,3'-Dichlorobenzidine	0.3811 0.3987	0.3764	0.3960	0.3849	0.4040	Ave		0.3902				2.8		15.0			
Benzo[a]anthracene	1.4710 1.2087	1.1721	1.2580	1.1472	1.1927	Ave		1.2416				9.5		15.0			
Chrysene	1.1020 1.1347	1.1260	1.2267	1.0910	1.1171	Ave		1.1329				4.3		15.0			
Bis(2-ethylhexyl) phthalate	1.0857 1.0816	1.0436	1.0968	1.0304	1.0639	Ave		1.0670				2.4		15.0			
Di-n-octyl phthalate	1.8797 1.7112	1.8230	2.1306	1.7691	1.7832	Ave		1.8495				8.0		15.0			
Benzo[b]fluoranthene	1.0125 1.1805	1.1217	1.1285	1.0600	1.0340	Ave		1.0895				5.9		15.0			
Benzo[k]fluoranthene	0.9489 1.0630	1.1296	1.3171	1.0664	1.1720	Ave		1.1162				11.0		15.0			
Benzo[a]pyrene	0.8892 1.0333	0.9516	1.0531	0.9960	1.0006	Ave		0.9873				6.0		15.0			
Indeno[1,2,3-cd]pyrene	0.7337 1.3629	0.8843	0.9174	1.0118	1.1475	Qua	0.1493	0.7354	0.0258						1.0000		0.9900
Dibenz(a,h)anthracene	0.7904 1.2832	0.8445	0.9420	0.9933	1.1416	Qua	0.0103	0.8229	0.0192						1.0000		0.9900
Benzo[g,h,i]perylene	0.8600 1.3810	0.8772	0.9931	1.0675	1.1957	Qua	0.0706	0.8354	0.0226						1.0000		0.9900
2-Fluorophenol	1.2493 1.4594	1.3676	1.4502	1.3964	1.3686	Ave		1.3819				5.5		15.0			
Phenol-d5	1.6227 1.7335	1.7471	1.6389	1.6555	1.6492	Ave		1.6745				3.1		15.0			
Nitrobenzene-d5	0.5926 0.5831	0.5868	0.6127	0.5706	0.5589	Ave		0.5841				3.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 179169

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2013 11:13 Calibration End Date: 08/31/2013 13:07 Calibration ID: 28826

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-Fluorobiphenyl	1.3447 1.4337	1.3545	1.4393	1.2828	1.3367	Ave		1.3653				4.4		15.0			
2,4,6-Tribromophenol	0.1829 0.2135	0.1674	0.1895	0.1898	0.1948	Ave		0.1897				7.9		15.0			
Terphenyl-d14	1.0469 1.0955	1.0642	1.0774	1.0205	1.0107	Ave		1.0526				3.1		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 179169

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2013 11:13 Calibration End Date: 08/31/2013 13:07 Calibration ID: 28826

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-179169/7	M68901.D
Level 2	IC 460-179169/6	M68900.D
Level 3	IC 460-179169/5	M68899.D
Level 4	ICIS 460-179169/2	M68896.D
Level 5	IC 460-179169/4	M68898.D
Level 6	IC 460-179169/3	M68897.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	47627 889821	86226	168616	359156	573504	1.00 24.0	2.00	4.00	10.0	16.0
N-Nitrosodimethylamine	DCB	Ave	57364 1334450	104152	239594	528872	838920	1.00 24.0	2.00	4.00	10.0	16.0
Pyridine	DCB	Ave	78189 1998065	150433	343888	762400	1272499	1.00 24.0	2.00	4.00	10.0	16.0
Benzaldehyde	DCB	Qua	67722 839637	125597	226929	446147	660644	1.00 24.0	2.00	4.00	10.0	16.0
Aniline	DCB	Ave	109840 2240939	205035	397463	917340	1541110	1.00 24.0	2.00	4.00	10.0	16.0
Phenol	DCB	Ave	104475 2259317	205333	401123	898114	1564691	1.00 24.0	2.00	4.00	10.0	16.0
Bis(2-chloroethyl)ether	DCB	Ave	9527 1902669	170542	333529	713009	1085386	0.100 24.0	2.00	4.00	10.0	16.0
2-Chlorophenol	DCB	Ave	74416 1751062	155435	312898	676775	1158823	1.00 24.0	2.00	4.00	10.0	16.0
Decane	DCB	Ave	105149 2382329	195885	383902	890509	1494689	1.00 24.0	2.00	4.00	10.0	16.0
1,3-Dichlorobenzene	DCB	Ave	93719 1841300	176790	356564	734853	1230824	1.00 24.0	2.00	4.00	10.0	16.0
1,4-Dichlorobenzene	DCB	Ave	88803 1845970	181747	355727	730301	1259491	1.00 24.0	2.00	4.00	10.0	16.0
Benzyl alcohol	DCB	Ave	46033 1055524	94275	190123	434493	696693	1.00 24.0	2.00	4.00	10.0	16.0
1,2-Dichlorobenzene	DCB	Ave	88722 1852092	170973	332523	697643	1176129	1.00 24.0	2.00	4.00	10.0	16.0
2-Methylphenol	DCB	Ave	72177 1607649	145903	279347	633408	1088962	1.00 24.0	2.00	4.00	10.0	16.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	134456 2749325	256942	517824	1119278	1801361	1.00 24.0	2.00	4.00	10.0	16.0
Acetophenone	DCB	Ave	126170 2402911	245539	490203	989988	1612277	1.00 24.0	2.00	4.00	10.0	16.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 179169

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2013 11:13 Calibration End Date: 08/31/2013 13:07 Calibration ID: 28826

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
N-Nitrosodi-n-propylamine	DCB	Ave	8768 1468183	148154	289453	648332	1001855	0.100 24.0	2.00	4.00	10.0	16.0
3 & 4 Methylphenol	DCB	Ave	79453 1599892	154188	294034	641623	1085747	1.00 24.0	2.00	4.00	10.0	16.0
4-Methylphenol	DCB	Ave	73006 1561146	150416	281559	629685	1084314	1.00 24.0	2.00	4.00	10.0	16.0
Hexachloroethane	DCB	Ave	5111 1046591	97443	198713	411563	681545	0.100 24.0	2.00	4.00	10.0	16.0
Nitrobenzene	NPT	Ave	18387 2970306	296336	586435	1252735	1957031	0.100 24.0	2.00	4.00	10.0	16.0
n,n'-Dimethylaniline	DCB	Ave	11885 2354438	217056	426197	916746	1519757	0.100 24.0	2.00	4.00	10.0	16.0
Isophorone	NPT	Ave	178075 3022487	326252	622080	1330915	2084883	1.00 24.0	2.00	4.00	10.0	16.0
2-Nitrophenol	NPT	Ave	45770 937913	90202	184687	395740	656982	1.00 24.0	2.00	4.00	10.0	16.0
2,4-Dimethylphenol	NPT	Ave	64273 1288846	129186	244636	519981	908753	1.00 24.0	2.00	4.00	10.0	16.0
Bis(2-chloroethoxy)methane	NPT	Ave	92274 1606384	178367	338775	731722	1135939	1.00 24.0	2.00	4.00	10.0	16.0
Benzoic acid	NPT	Lin2	15463 686746	47127	133639	284568	526242	1.00 24.0	2.00	4.00	10.0	16.0
2,4-Dichlorophenol	NPT	Ave	66281 1289477	128075	254010	539937	918600	1.00 24.0	2.00	4.00	10.0	16.0
1,2,4-Trichlorobenzene	NPT	Ave	8312 1467420	155278	307978	632627	1070980	0.100 24.0	2.00	4.00	10.0	16.0
Naphthalene	NPT	Ave	201442 3706298	391089	751287	1605929	2640398	1.00 24.0	2.00	4.00	10.0	16.0
4-Chloroaniline	NPT	Ave	82531 1531272	155527	295922	640753	985846	1.00 24.0	2.00	4.00	10.0	16.0
Hexachlorobutadiene	NPT	Ave	10163 946887	99535	194800	419901	633300	0.200 24.0	2.00	4.00	10.0	16.0
Caprolactam	NPT	Ave	12940 298266	29789	64792	160581	245464	1.00 24.0	2.00	4.00	10.0	16.0
4-Chloro-3-methylphenol	NPT	Ave	68589 1348769	134371	271717	573634	953444	1.00 24.0	2.00	4.00	10.0	16.0
2-Methylnaphthalene	NPT	Ave	137402 2448877	251068	470641	1048525	1611450	1.00 24.0	2.00	4.00	10.0	16.0
1-Methylnaphthalene	NPT	Ave	137551 2555464	255915	523742	1111376	1736000	1.00 24.0	2.00	4.00	10.0	16.0
Hexachlorocyclopentadiene	ANT	Ave	48710 1090315	83249	162549	375726	687782	1.00 24.0	2.00	4.00	10.0	16.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 179169

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2013 11:13 Calibration End Date: 08/31/2013 13:07 Calibration ID: 28826

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,4,5-Tetrachlorobenzene	ANT	Ave	76170 1527942	157031	293891	621295	982639	1.00 24.0	2.00	4.00	10.0	16.0
2-tertbutyl-4-methylphenol	NPT	Ave	96106 1847904	185584	363191	813342	1187075	1.00 24.0	2.00	4.00	10.0	16.0
2,4,6-Trichlorophenol	ANT	Ave	44015 869914	83622	167073	364065	621455	1.00 24.0	2.00	4.00	10.0	16.0
2,4,5-Trichlorophenol	ANT	Ave	51145 881378	91800	185204	376176	630813	1.00 24.0	2.00	4.00	10.0	16.0
Diphenyl	ANT	Ave	155255 2825825	290340	595212	1283790	1992725	1.00 24.0	2.00	4.00	10.0	16.0
2-Chloronaphthalene	ANT	Ave	130806 2358764	264114	485419	990385	1629255	1.00 24.0	2.00	4.00	10.0	16.0
Diphenyl ether	ANT	Ave	93651 1591838	176265	348986	719692	1111490	1.00 24.0	2.00	4.00	10.0	16.0
2-Nitroaniline	ANT	Ave	128045 968550	139551	271702	590194	879556	2.00 24.0	2.00	4.00	10.0	16.0
Dimethylnaphthalene, total	ANT	Ave	104218 1921423	191302	365829	810372	1262580	1.00 24.0	2.00	4.00	10.0	16.0
Dimethyl phthalate	ANT	Ave	145226 2467868	276667	560165	1177567	1666337	1.00 24.0	2.00	4.00	10.0	16.0
Coumarin	NPT	Ave	41710 786955	74576	149557	344300	530136	1.00 24.0	2.00	4.00	10.0	16.0
2,6-Dinitrotoluene	ANT	Ave	6534 626859	68049	134855	296265	434434	0.200 24.0	2.00	4.00	10.0	16.0
Acenaphthylene	ANT	Ave	209936 3236564	360749	696743	1443441	2284989	1.00 24.0	2.00	4.00	10.0	16.0
3-Nitroaniline	ANT	Ave	61718 527713	54718	112115	259499	367473	2.00 24.0	2.00	4.00	10.0	16.0
Acenaphthene	ANT	Ave	113262 2128509	213758	406225	925089	1444716	1.00 24.0	2.00	4.00	10.0	16.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	102390 2242824	209000	392177	901760	1484956	1.00 24.0	2.00	4.00	10.0	16.0
2,4-Dinitrophenol	ANT	Lin2	29672 393243	48167	90560	157192	254168	3.00 24.0	4.00	6.00	10.0	16.0
4-Nitrophenol	ANT	Lin2	69375 637779	104709	163943	279704	411017	3.00 24.0	4.00	6.00	10.0	16.0
2,4-Dinitrotoluene	ANT	Ave	8704 816094	85246	157897	365555	561234	0.200 24.0	2.00	4.00	10.0	16.0
Dibenzofuran	ANT	Ave	178462 2905350	331009	610769	1336732	2088390	1.00 24.0	2.00	4.00	10.0	16.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	33407 613377	66251	123375	276557	423572	1.00 24.0	2.00	4.00	10.0	16.0

FORM VI

GC/MS SEMI VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 179169

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2013 11:13 Calibration End Date: 08/31/2013 13:07 Calibration ID: 28826

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
Diethyl phthalate	ANT	Ave	142868 2311587	279341	534250	1146449	1713640	1.00 24.0	2.00	4.00	10.0	16.0
Fluorene	ANT	Ave	133182 2455540	262887	483520	1102537	1705721	1.00 24.0	2.00	4.00	10.0	16.0
4-Chlorophenyl phenyl ether	ANT	Ave	69127 1360534	128502	246512	563104	915172	1.00 24.0	2.00	4.00	10.0	16.0
4-Nitroaniline	ANT	Ave	44852 466763	45470	101534	234659	335732	2.00 24.0	2.00	4.00	10.0	16.0
4,6-Dinitro-2-methylphenol	PHN	Ave	59714 483078	82969	126030	215592	315809	3.00 24.0	4.00	6.00	10.0	16.0
N-Nitrosodiphenylamine	PHN	Ave	88302 1609495	173784	303662	736310	1151115	1.00 24.0	2.00	4.00	10.0	16.0
1,2-Diphenylhydrazine	PHN	Ave	165702 2615466	324328	619496	1363610	1937914	1.00 24.0	2.00	4.00	10.0	16.0
4-Bromophenyl phenyl ether	PHN	Ave	36895 690658	68032	132928	325861	450927	1.00 24.0	2.00	4.00	10.0	16.0
Hexachlorobenzene	PHN	Ave	3622 694488	76752	140324	314490	479417	0.100 24.0	2.00	4.00	10.0	16.0
Atrazine	PHN	Ave	30327 561124	55242	106782	269759	393118	1.00 24.0	2.00	4.00	10.0	16.0
Pentachlorophenol	PHN	Ave	56728 509322	85563	125505	205848	314017	3.00 24.0	4.00	6.00	10.0	16.0
Pentachloronitrobenzene	PHN	Ave	17889 361168	39782	72148	168273	249743	1.00 24.0	2.00	4.00	10.0	16.0
n-Octadecane	PHN	Ave	93208 1884549	179556	349423	792657	1230921	1.00 24.0	2.00	4.00	10.0	16.0
Phenanthrene	PHN	Ave	166363 2713091	313079	600768	1361535	1989166	1.00 24.0	2.00	4.00	10.0	16.0
Anthracene	PHN	Ave	168296 2958435	321675	620203	1324134	1988632	1.00 24.0	2.00	4.00	10.0	16.0
Carbazole	PHN	Ave	141456 2339512	266920	513401	1198809	1654935	1.00 24.0	2.00	4.00	10.0	16.0
Di-n-butyl phthalate	PHN	Ave	214342 3280395	404873	769804	1748736	2426370	1.00 24.0	2.00	4.00	10.0	16.0
Fluoranthene	PHN	Ave	161797 2862393	322468	602907	1352916	1926512	1.00 24.0	2.00	4.00	10.0	16.0
Benzidine	PHN	Ave	37098 254556	181392	191117	259389	215934	1.00 24.0	4.00	6.00	10.0	16.0
Pyrene	CRY	Ave	168064 2697360	316124	581642	1318795	1875366	1.00 24.0	2.00	4.00	10.0	16.0
Butyl benzyl phthalate	CRY	Ave	75511 1351363	146884	298160	658537	947103	1.00 24.0	2.00	4.00	10.0	16.0

FORM VI

GC/MS SEMI VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 179169

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2013 11:13 Calibration End Date: 08/31/2013 13:07 Calibration ID: 28826

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2,3,7,8-TCDD (Screen)	CRY	Ave				946					0.100	
Carbamazepine	CRY	Ave	35883 1009826	75864	167132	472314	630385	1.00 24.0	2.00	4.00	10.0	16.0
3,3'-Dichlorobenzidine	CRY	Ave	68610 698752	136338	203576	332390	478101	2.00 24.0	4.00	6.00	10.0	16.0
Benzo[a]anthracene	CRY	Ave	13240 2118328	212278	431139	990579	1411476	0.100 24.0	2.00	4.00	10.0	16.0
Chrysene	CRY	Ave	99186 1988606	203931	420414	942066	1321985	1.00 24.0	2.00	4.00	10.0	16.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	97721 1895484	189013	375902	889804	1259064	1.00 24.0	2.00	4.00	10.0	16.0
Di-n-octyl phthalate	PRY	Ave	142059 2881947	270946	592201	1365930	1925628	1.00 24.0	2.00	4.00	10.0	16.0
Benzo[b]fluoranthene	PRY	Ave	7652 1988116	166719	313672	818414	1116597	0.100 24.0	2.00	4.00	10.0	16.0
Benzo[k]fluoranthene	PRY	Ave	7171 1790218	167891	366083	823416	1265653	0.100 24.0	2.00	4.00	10.0	16.0
Benzo[a]pyrene	PRY	Ave	6720 1740309	141439	292723	769047	1080475	0.100 24.0	2.00	4.00	10.0	16.0
Indeno[1,2,3-cd]pyrene	PRY	Qua	5545 2295278	131433	254992	781219	1239169	0.100 24.0	2.00	4.00	10.0	16.0
Dibenz(a,h)anthracene	PRY	Qua	5973 2161039	125518	261822	766916	1232790	0.100 24.0	2.00	4.00	10.0	16.0
Benzo[g,h,i]perylene	PRY	Qua	64995 2325762	130382	276037	824241	1291171	1.00 24.0	2.00	4.00	10.0	16.0
2-Fluorophenol	DCB	Ave	75768 1952527	160879	335023	745846	1209578	1.00 24.0	2.00	4.00	10.0	16.0
Phenol-d5	DCB	Ave	98416 2319230	205521	378625	884230	1457595	1.00 24.0	2.00	4.00	10.0	16.0
Nitrobenzene-d5	NPT	Ave	113002 2222288	222421	434743	901650	1473174	1.00 24.0	2.00	4.00	10.0	16.0
2-Fluorobiphenyl	ANT	Ave	147787 2755361	292732	559042	1161378	1835841	1.00 24.0	2.00	4.00	10.0	16.0
2,4,6-Tribromophenol	ANT	Ave	20098 410271	36185	73622	171830	267569	1.00 24.0	2.00	4.00	10.0	16.0
Terphenyl-d14	CRY	Ave	94228 1919846	192746	369238	881251	1196141	1.00 24.0	2.00	4.00	10.0	16.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 179169

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2013 11:13 Calibration End Date: 08/31/2013 13:07 Calibration ID: 28826

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182384/2 Calibration Date: 09/20/2013 05:45

Instrument ID: BNAMS11 Calib Start Date: 09/19/2013 01:34

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/19/2013 03:37

Lab File ID: z2369.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7015	0.6833		48700	50000	-2.6	20.0
N-Nitrosodimethylamine	Ave	1.036	0.999		48200	50000	-3.6	20.0
Pyridine	Ave	1.727	1.638		47400	50000	-5.2	20.0
Benzaldehyde	Ave	0.8149	0.8201		50300	50000	0.6	20.0
Phenol	Ave	1.907	1.898		49800	50000	-0.4	20.0
Aniline	Ave	2.017	1.902		47200	50000	-5.7	20.0
Bis(2-chloroethyl)ether	Ave	1.602	1.493		46600	50000	-6.8	20.0
2-Chlorophenol	Ave	1.453	1.389		47800	50000	-4.4	20.0
Decane	Ave	1.992	1.927		48400	50000	-3.2	20.0
1,3-Dichlorobenzene	Ave	1.665	1.636		49100	50000	-1.7	20.0
1,4-Dichlorobenzene	Ave	1.686	1.679		49800	50000	-0.4	20.0
Benzyl alcohol	Ave	0.8834	0.7750		43900	50000	-12.3	20.0
1,2-Dichlorobenzene	Ave	1.550	1.517		48900	50000	-2.1	20.0
2-Methylphenol	Ave	1.235	1.188		48100	50000	-3.8	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.162	2.022		46800	50000	-6.4	20.0
3 & 4 Methylphenol	Ave	1.437	1.344		46800	50000	-6.4	20.0
4-Methylphenol	Ave	1.438	1.342		46700	50000	-6.7	20.0
Acetophenone	Ave	1.974	1.936		49000	50000	-2.0	20.0
N-Nitrosodi-n-propylamine	Ave	1.162	1.094	0.0500	47100	50000	-5.8	20.0
Hexachloroethane	Ave	0.6851	0.6670		48700	50000	-2.6	20.0
Nitrobenzene	Ave	0.6680	0.6427		48100	50000	-3.8	20.0
n,n'-Dimethylaniline	Ave	2.103	1.997		47500	50000	-5.0	20.0
Isophorone	Ave	0.6985	0.6314		45200	50000	-9.6	20.0
2-Nitrophenol	Ave	0.1956	0.1966		50300	50000	0.5	20.0
2,4-Dimethylphenol	Ave	0.3208	0.3034		47300	50000	-5.4	20.0
Bis(2-chloroethoxy)methane	Ave	0.4384	0.4202		47900	50000	-4.1	20.0
Benzoic acid	QuaF	0.1309	0.1175		39400	50000	-21.2*	20.0
2,4-Dichlorophenol	Ave	0.2711	0.2639		48700	50000	-2.6	20.0
1,2,4-Trichlorobenzene	Ave	0.3118	0.3096		49600	50000	-0.7	20.0
Naphthalene	Ave	1.077	1.050		48700	50000	-2.5	20.0
4-Chloroaniline	Ave	0.3713	0.3372		45400	50000	-9.2	20.0
Hexachlorobutadiene	Ave	0.1725	0.1691		49000	50000	-2.0	20.0
Caprolactam	Ave	0.0681	0.0573		42100	50000	-15.8	20.0
4-Chloro-3-methylphenol	Ave	0.2841	0.2630		46300	50000	-7.4	20.0
2-Methylnaphthalene	Ave	0.6615	0.6341		47900	50000	-4.1	20.0
1-Methylnaphthalene	Ave	0.6906	0.6707		48600	50000	-2.9	20.0
Hexachlorocyclopentadiene	QuaF	0.3636	0.3132	0.0500	42500	50000	-15.0	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6510	0.6528		50100	50000	0.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.4735	0.4453		47000	50000	-6.0	20.0
2,4,6-Trichlorophenol	Ave	0.3841	0.3896		50700	50000	1.4	20.0
2,4,5-Trichlorophenol	Ave	0.3828	0.3582		46800	50000	-6.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182384/2 Calibration Date: 09/20/2013 05:45

Instrument ID: BNAMS11 Calib Start Date: 09/19/2013 01:34

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/19/2013 03:37

Lab File ID: z2369.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.712	1.682		49100	50000	-1.8	20.0
2-Chloronaphthalene	Ave	1.249	1.218		48800	50000	-2.5	20.0
Diphenyl ether	Ave	0.8874	0.8655		48800	50000	-2.5	20.0
2-Nitroaniline	Ave	0.5146	0.4022		39100	50000	-21.9*	20.0
Dimethylnaphthalene, total	Ave	1.089	1.075		49400	50000	-1.3	20.0
Dimethyl phthalate	Ave	1.213	1.131		46600	50000	-6.8	20.0
Coumarin	Ave	0.1694	0.1546		45600	50000	-8.7	20.0
2,6-Dinitrotoluene	Ave	0.2634	0.2558		48500	50000	-2.9	20.0
Acenaphthylene	Ave	1.906	1.789		46900	50000	-6.1	20.0
3-Nitroaniline	Ave	0.2602	0.2247		43200	50000	-13.7	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.150	1.144		49700	50000	-0.5	20.0
Acenaphthene	Ave	1.241	1.151		46400	50000	-7.3	20.0
2,4-Dinitrophenol	QuaF	0.1078	0.1041	0.0500	44700	50000	-10.6	20.0
4-Nitrophenol	QuaF	0.2032	0.1726	0.0500	41700	50000	-16.6	20.0
2,4-Dinitrotoluene	Ave	0.3216	0.2942		45700	50000	-8.5	20.0
Dibenzofuran	Ave	1.562	1.473		47200	50000	-5.7	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2468	0.2292		46400	50000	-7.1	20.0
Diethyl phthalate	Ave	1.172	1.060		45200	50000	-9.6	20.0
4-Chlorophenyl phenyl ether	Ave	0.6202	0.5815		46900	50000	-6.2	20.0
Fluorene	Ave	1.326	1.239		46700	50000	-6.6	20.0
4-Nitroaniline	Ave	0.2111	0.1803		42700	50000	-14.6	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1268	0.1256		49500	50000	-0.9	20.0
N-Nitrosodiphenylamine	Ave	0.6714	0.6791		50600	50000	1.2	20.0
1,2-Diphenylhydrazine	Ave	1.254	1.243		49600	50000	-0.9	20.0
4-Bromophenyl phenyl ether	Ave	0.2435	0.2531		52000	50000	4.0	20.0
Hexachlorobenzene	Ave	0.2496	0.2518		50400	50000	0.9	20.0
Atrazine	Ave	0.1786	0.1604		44900	50000	-10.2	20.0
Pentachlorophenol	Ave	0.1411	0.1357		48100	50000	-3.8	20.0
Pentachloronitrobenzene	Ave	0.1056	0.1002		47500	50000	-5.1	
n-Octadecane	Ave	0.8137	0.8434		51800	50000	3.7	20.0
Phenanthrene	Ave	1.185	1.160		48900	50000	-2.1	20.0
Anthracene	Ave	1.179	1.180		50100	50000	0.1	20.0
Carbazole	Ave	0.8970	0.8252		46000	50000	-8.0	20.0
Di-n-butyl phthalate	Ave	1.247	1.187		47600	50000	-4.8	20.0
Fluoranthene	Ave	0.9399	0.8967		47700	50000	-4.6	20.0
Benzidine	Ave	0.1296	0.0703		27100	50000	-45.8*	20.0
Pyrene	Ave	2.091	2.032		48600	50000	-2.8	20.0
Butyl benzyl phthalate	Ave	0.8028	0.7906		49200	50000	-1.5	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1432	0.1483		518	500	3.6	20.0
Carbamazepine	QuaF	0.4078	0.4740		51600	50000	3.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182384/2 Calibration Date: 09/20/2013 05:45

Instrument ID: BNAMS11 Calib Start Date: 09/19/2013 01:34

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/19/2013 03:37

Lab File ID: z2369.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	Ave	0.3020	0.3213		53200	50000	6.4	20.0
Benzo[a]anthracene	Ave	1.271	1.205		47400	50000	-5.2	20.0
Bis(2-ethylhexyl) phthalate	Ave	1.082	1.055		48700	50000	-2.5	20.0
Chrysene	Ave	1.189	1.197		50300	50000	0.6	20.0
Di-n-octyl phthalate	QuaF	1.876	1.843		45400	50000	-9.2	20.0
Benzo[b]fluoranthene	Ave	1.122	1.127		50200	50000	0.5	20.0
Benzo[k]fluoranthene	Ave	1.293	1.223		47300	50000	-5.4	20.0
Benzo[a]pyrene	Ave	0.9909	1.006		50800	50000	1.6	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.7096	0.8809		58000	50000	15.9	20.0
Dibenz(a,h)anthracene	QuaF	0.8152	0.9389		52300	50000	4.6	20.0
Benzo[g,h,i]perylene	Ave	0.8703	0.9613		55200	50000	10.5	20.0
2-Fluorophenol	Ave	1.419	1.375		48500	50000	-3.1	20.0
Phenol-d5	Ave	1.773	1.678		47300	50000	-5.3	20.0
Nitrobenzene-d5	Ave	0.4657	0.4482		48100	50000	-3.8	20.0
2-Fluorobiphenyl	Ave	1.478	1.469		49700	50000	-0.6	20.0
2,4,6-Tribromophenol	Ave	0.1417	0.1334		47100	50000	-5.9	20.0
Terphenyl-d14	Ave	1.311	1.266		48300	50000	-3.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182720/2 Calibration Date: 09/23/2013 04:12

Instrument ID: BNAMS11 Calib Start Date: 09/19/2013 01:34

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/19/2013 03:37

Lab File ID: z2475.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7015	0.7235		51600	50000	3.1	20.0
N-Nitrosodimethylamine	Ave	1.036	1.008		48600	50000	-2.7	20.0
Pyridine	Ave	1.727	1.705		49300	50000	-1.3	20.0
Benzaldehyde	Ave	0.8149	0.8333		51100	50000	2.3	20.0
Phenol	Ave	1.907	1.773		46500	50000	-7.0	20.0
Aniline	Ave	2.017	1.797		44500	50000	-10.9	20.0
Bis(2-chloroethyl)ether	Ave	1.602	1.436		44800	50000	-10.4	20.0
2-Chlorophenol	Ave	1.453	1.308		45000	50000	-10.0	20.0
Decane	Ave	1.992	2.020		50700	50000	1.4	20.0
1,3-Dichlorobenzene	Ave	1.665	1.628		48900	50000	-2.2	20.0
1,4-Dichlorobenzene	Ave	1.686	1.653		49000	50000	-2.0	20.0
Benzyl alcohol	Ave	0.8834	0.7356		41600	50000	-16.7	20.0
1,2-Dichlorobenzene	Ave	1.550	1.493		48200	50000	-3.7	20.0
2-Methylphenol	Ave	1.235	1.072		43400	50000	-13.2	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.162	1.914		44300	50000	-11.5	20.0
3 & 4 Methylphenol	Ave	1.437	1.292		45000	50000	-10.1	20.0
4-Methylphenol	Ave	1.438	1.319		45800	50000	-8.3	20.0
Acetophenone	Ave	1.974	1.897		48000	50000	-3.9	20.0
N-Nitrosodi-n-propylamine	Ave	1.162	1.045	0.0500	45000	50000	-10.0	20.0
Hexachloroethane	Ave	0.6851	0.6642		48500	50000	-3.0	20.0
n,n'-Dimethylaniline	Ave	2.103	1.955		46500	50000	-7.0	20.0
Nitrobenzene	Ave	0.6680	0.6823		51100	50000	2.1	20.0
Isophorone	Ave	0.6985	0.6201		44400	50000	-11.2	20.0
2-Nitrophenol	Ave	0.1956	0.1948		49800	50000	-0.4	20.0
2,4-Dimethylphenol	Ave	0.3208	0.2972		46300	50000	-7.4	20.0
Bis(2-chloroethoxy)methane	Ave	0.4384	0.4181		47700	50000	-4.6	20.0
Benzoic acid	QuaF	0.1309	0.1253		41900	50000	-16.1	20.0
2,4-Dichlorophenol	Ave	0.2711	0.2564		47300	50000	-5.4	20.0
1,2,4-Trichlorobenzene	Ave	0.3118	0.3122		50100	50000	0.1	20.0
Naphthalene	Ave	1.077	1.086		50400	50000	0.8	20.0
4-Chloroaniline	Ave	0.3713	0.3306		44500	50000	-11.0	20.0
Hexachlorobutadiene	Ave	0.1725	0.1773		51400	50000	2.8	20.0
Caprolactam	Ave	0.0681	0.0653		47900	50000	-4.1	20.0
4-Chloro-3-methylphenol	Ave	0.2841	0.2572		45300	50000	-9.5	20.0
2-Methylnaphthalene	Ave	0.6615	0.6418		48500	50000	-3.0	20.0
1-Methylnaphthalene	Ave	0.6906	0.6677		48300	50000	-3.3	20.0
Hexachlorocyclopentadiene	QuaF	0.3636	0.3074	0.0500	41800	50000	-16.5	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6510	0.6561		50400	50000	0.8	20.0
2-tertbutyl-4-methylphenol	Ave	0.4735	0.4456		47100	50000	-5.9	20.0
2,4,6-Trichlorophenol	Ave	0.3841	0.3730		48500	50000	-2.9	20.0
2,4,5-Trichlorophenol	Ave	0.3828	0.3653		47700	50000	-4.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182720/2 Calibration Date: 09/23/2013 04:12

Instrument ID: BNAMS11 Calib Start Date: 09/19/2013 01:34

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/19/2013 03:37

Lab File ID: z2475.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.712	1.696		49500	50000	-1.0	20.0
2-Chloronaphthalene	Ave	1.249	1.222		48900	50000	-2.1	20.0
Diphenyl ether	Ave	0.8874	0.8772		49400	50000	-1.2	20.0
2-Nitroaniline	Ave	0.5146	0.4588		44600	50000	-10.9	20.0
Dimethylnaphthalene, total	Ave	1.089	1.102		50600	50000	1.1	20.0
Dimethyl phthalate	Ave	1.213	1.184		48800	50000	-2.4	20.0
Coumarin	Ave	0.1694	0.1598		47200	50000	-5.6	20.0
2,6-Dinitrotoluene	Ave	0.2634	0.2605		49400	50000	-1.1	20.0
Acenaphthylene	Ave	1.906	1.831		48000	50000	-3.9	20.0
3-Nitroaniline	Ave	0.2602	0.2369		45500	50000	-8.9	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.150	1.172		50900	50000	1.9	20.0
Acenaphthene	Ave	1.241	1.205		48500	50000	-2.9	20.0
2,4-Dinitrophenol	QuaF	0.1078	0.1096	0.0500	46800	50000	-6.3	20.0
4-Nitrophenol	QuaF	0.2032	0.1935	0.0500	46300	50000	-7.4	20.0
2,4-Dinitrotoluene	Ave	0.3216	0.3153		49000	50000	-2.0	20.0
Dibenzofuran	Ave	1.562	1.533		49100	50000	-1.9	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2468	0.2412		48900	50000	-2.3	20.0
Diethyl phthalate	Ave	1.172	1.151		49100	50000	-1.8	20.0
4-Chlorophenyl phenyl ether	Ave	0.6202	0.6127		49400	50000	-1.2	20.0
Fluorene	Ave	1.326	1.332		50200	50000	0.5	20.0
4-Nitroaniline	Ave	0.2111	0.2013		47700	50000	-4.7	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1268	0.1293		51000	50000	2.0	20.0
N-Nitrosodiphenylamine	Ave	0.6714	0.6649		49500	50000	-1.0	20.0
1,2-Diphenylhydrazine	Ave	1.254	1.198		47700	50000	-4.5	20.0
4-Bromophenyl phenyl ether	Ave	0.2435	0.2396		49200	50000	-1.6	20.0
Hexachlorobenzene	Ave	0.2496	0.2409		48300	50000	-3.5	20.0
Atrazine	Ave	0.1786	0.1612		45100	50000	-9.8	20.0
Pentachlorophenol	Ave	0.1411	0.1343		47600	50000	-4.8	20.0
Pentachloronitrobenzene	Ave	0.1056	0.1019		48200	50000	-3.5	
n-Octadecane	Ave	0.8137	0.8038		49400	50000	-1.2	20.0
Phenanthrene	Ave	1.185	1.159		48900	50000	-2.2	20.0
Anthracene	Ave	1.179	1.155		49000	50000	-2.0	20.0
Carbazole	Ave	0.8970	0.8669		48300	50000	-3.4	20.0
Di-n-butyl phthalate	Ave	1.247	1.197		48000	50000	-4.0	20.0
Fluoranthene	Ave	0.9399	0.9060		48200	50000	-3.6	20.0
Benzidine	Ave	0.1296	0.0701		27100	50000	-45.9*	20.0
Pyrene	Ave	2.091	2.052		49100	50000	-1.8	20.0
Butyl benzyl phthalate	Ave	0.8028	0.7854		48900	50000	-2.2	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1432	0.1375		480	500	-3.9	20.0
Carbamazepine	QuaF	0.4078	0.4100		45100	50000	-9.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182720/2 Calibration Date: 09/23/2013 04:12

Instrument ID: BNAMS11 Calib Start Date: 09/19/2013 01:34

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/19/2013 03:37

Lab File ID: z2475.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	Ave	0.3020	0.3220		53300	50000	6.6	20.0
Benzo[a]anthracene	Ave	1.271	1.180		46400	50000	-7.2	20.0
Bis(2-ethylhexyl) phthalate	Ave	1.082	1.012		46800	50000	-6.5	20.0
Chrysene	Ave	1.189	1.236		51900	50000	3.9	20.0
Di-n-octyl phthalate	QuaF	1.876	1.685		41700	50000	-16.7	20.0
Benzo[b]fluoranthene	Ave	1.122	1.093		48700	50000	-2.6	20.0
Benzo[k]fluoranthene	Ave	1.293	1.304		50400	50000	0.9	20.0
Benzo[a]pyrene	Ave	0.9909	0.9931		50100	50000	0.2	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.7096	0.7644		51000	50000	1.9	20.0
Dibenz(a,h)anthracene	QuaF	0.8152	0.8783		49100	50000	-1.8	20.0
Benzo[g,h,i]perylene	Ave	0.8703	0.9115		52400	50000	4.7	20.0
2-Fluorophenol	Ave	1.419	1.321		46600	50000	-6.9	20.0
Phenol-d5	Ave	1.773	1.596		45000	50000	-10.0	20.0
Nitrobenzene-d5	Ave	0.4657	0.4574		49100	50000	-1.8	20.0
2-Fluorobiphenyl	Ave	1.478	1.436		48600	50000	-2.8	20.0
2,4,6-Tribromophenol	Ave	0.1417	0.1430		50400	50000	0.9	20.0
Terphenyl-d14	Ave	1.311	1.294		49300	50000	-1.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-181988/2 Calibration Date: 09/18/2013 05:29

Instrument ID: BNAMS5 Calib Start Date: 09/10/2013 16:38

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2013 18:50

Lab File ID: x5331.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5992	0.4945		41300	50000	-17.5	20.0
N-Nitrosodimethylamine	Ave	0.8463	0.6901		40800	50000	-18.5	20.0
Pyridine	Ave	1.412	1.196		42300	50000	-15.3	20.0
Benzaldehyde	Ave	0.6247	0.7116		57000	50000	13.9	20.0
Aniline	Ave	1.825	1.734		47500	50000	-4.9	20.0
Phenol	Ave	1.688	1.447		42900	50000	-14.3	20.0
Bis(2-chloroethyl)ether	Ave	1.396	1.276		45700	50000	-8.6	20.0
2-Chlorophenol	Ave	1.403	1.373		48900	50000	-2.1	20.0
Decane	Ave	1.167	1.167		50000	50000	-0.0	20.0
1,3-Dichlorobenzene	Ave	1.626	1.606		49400	50000	-1.2	20.0
1,4-Dichlorobenzene	Ave	1.600	1.551		48500	50000	-3.1	20.0
1,2-Dichlorobenzene	Ave	1.477	1.399		47400	50000	-5.3	20.0
Benzyl alcohol	Ave	0.7662	0.6474		42200	50000	-15.5	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.333	1.260		47300	50000	-5.5	20.0
2-Methylphenol	Ave	1.128	1.039		46000	50000	-7.9	20.0
Acetophenone	Ave	1.533	1.475		48100	50000	-3.8	20.0
N-Nitrosodi-n-propylamine	Ave	0.8502	0.8269	0.0500	48600	50000	-2.7	20.0
3 & 4 Methylphenol	Ave	1.141	1.098		48100	50000	-3.8	20.0
4-Methylphenol	Ave	1.134	1.073		47300	50000	-5.3	20.0
Hexachloroethane	Ave	0.5631	0.5756		51100	50000	2.2	20.0
Nitrobenzene	Ave	0.4628	0.4942		53400	50000	6.8	20.0
n,n'-Dimethylaniline	Ave	1.828	1.630		44600	50000	-10.8	20.0
Isophorone	Ave	0.5748	0.5567		48400	50000	-3.2	20.0
2-Nitrophenol	Ave	0.2030	0.2032		50100	50000	0.1	20.0
2,4-Dimethylphenol	Ave	0.3132	0.3034		48400	50000	-3.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.4031	0.3959		49100	50000	-1.8	20.0
2,4-Dichlorophenol	Ave	0.2812	0.2701		48000	50000	-4.0	20.0
Benzoic acid	QuaF	0.1016	0.1311		58000	50000	16.1	20.0
1,2,4-Trichlorobenzene	Ave	0.3387	0.3291		48600	50000	-2.8	20.0
Naphthalene	Ave	1.031	0.9885		48000	50000	-4.1	20.0
4-Chloroaniline	Ave	0.3625	0.3461		47700	50000	-4.5	20.0
Hexachlorobutadiene	Ave	0.1790	0.1817		50700	50000	1.5	20.0
Caprolactam	QuaF	0.0628	0.0678		49700	50000	-0.6	20.0
4-Chloro-3-methylphenol	Ave	0.2360	0.2312		49000	50000	-2.0	20.0
2-Methylnaphthalene	Ave	0.6252	0.5977		47800	50000	-4.4	20.0
1-Methylnaphthalene	Ave	0.6449	0.6277		48700	50000	-2.7	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6524	0.6628		50800	50000	1.6	20.0
Hexachlorocyclopentadiene	QuaF	0.2869	0.2743	0.0500	46400	50000	-7.2	20.0
2-tertbutyl-4-methylphenol	Ave	0.4101	0.4056		49500	50000	-1.1	20.0
2,4,6-Trichlorophenol	Ave	0.4000	0.3931		49100	50000	-1.7	20.0
2,4,5-Trichlorophenol	Ave	0.3994	0.3915		49000	50000	-2.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-181988/2 Calibration Date: 09/18/2013 05:29

Instrument ID: BNAMS5 Calib Start Date: 09/10/2013 16:38

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2013 18:50

Lab File ID: x5331.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.536	1.495		48700	50000	-2.7	20.0
2-Chloronaphthalene	Ave	1.191	1.144		48000	50000	-4.0	20.0
Diphenyl ether	Ave	0.8938	0.8920		49900	50000	-0.2	20.0
2-Nitroaniline	Ave	0.3038	0.2970		48900	50000	-2.2	20.0
Dimethylnaphthalene, total	Ave	1.035	1.032		49900	50000	-0.3	20.0
Coumarin	Ave	0.1578	0.1525		48300	50000	-3.4	20.0
Dimethyl phthalate	Ave	1.092	1.085		49700	50000	-0.7	20.0
2,6-Dinitrotoluene	Ave	0.2720	0.2691		49500	50000	-1.1	20.0
Acenaphthylene	Ave	1.849	1.788		48300	50000	-3.3	20.0
3-Nitroaniline	Ave	0.2484	0.2432		48900	50000	-2.1	20.0
Acenaphthene	Ave	1.093	1.062		48600	50000	-2.8	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.070	1.119		52300	50000	4.6	20.0
2,4-Dinitrophenol	QuaF	0.0895	0.0772	0.0500	40200	50000	-19.5	20.0
4-Nitrophenol	Ave	0.1308	0.1365	0.0500	52200	50000	4.3	20.0
Dibenzofuran	Ave	1.543	1.519		49200	50000	-1.6	20.0
2,4-Dinitrotoluene	Ave	0.3055	0.3046		49900	50000	-0.3	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2628	0.2510		47700	50000	-4.5	20.0
Diethyl phthalate	Ave	0.9860	0.9901		50200	50000	0.4	20.0
Fluorene	Ave	1.183	1.182		50000	50000	-0.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.5919	0.5941		50200	50000	0.4	20.0
4-Nitroaniline	Ave	0.1765	0.1880		53300	50000	6.5	20.0
4,6-Dinitro-2-methylphenol	QuaF	0.1133	0.1130		48300	50000	-3.4	20.0
N-Nitrosodiphenylamine	Ave	0.6485	0.6597		50900	50000	1.7	20.0
1,2-Diphenylhydrazine	Ave	0.8626	0.9170		53200	50000	6.3	20.0
4-Bromophenyl phenyl ether	Ave	0.2781	0.2753		49500	50000	-1.0	20.0
Hexachlorobenzene	Ave	0.2981	0.2935		49200	50000	-1.5	20.0
Atrazine	Ave	0.1658	0.1615		48700	50000	-2.5	20.0
Pentachlorophenol	Ave	0.1373	0.1309		47700	50000	-4.6	20.0
Pentachloronitrobenzene	Ave	0.0819	0.0842		51400	50000	2.8	
n-Octadecane	Ave	0.5166	0.5367		51900	50000	3.9	20.0
Phenanthrene	Ave	1.146	1.131		49400	50000	-1.3	20.0
Anthracene	Ave	1.142	1.129		49500	50000	-1.1	20.0
Carbazole	Ave	0.8598	0.8565		49800	50000	-0.4	20.0
Di-n-butyl phthalate	Ave	1.016	1.058		52100	50000	4.1	20.0
Fluoranthene	Ave	0.9092	0.9130		50200	50000	0.4	20.0
Benzidine	Ave	0.1066	0.0967		45400	50000	-9.2	20.0
Pyrene	Ave	1.781	1.671		46900	50000	-6.2	20.0
Butyl benzyl phthalate	Ave	0.5852	0.6035		51600	50000	3.1	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1897	0.1742		459	500	-8.2	20.0
Carbamazepine	QuaF	0.3634	0.4509		58700	50000	17.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-181988/2 Calibration Date: 09/18/2013 05:29

Instrument ID: BNAMS5 Calib Start Date: 09/10/2013 16:38

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2013 18:50

Lab File ID: x5331.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	QuaF	0.2960	0.3535		66900	50000	33.7*	20.0
Benzo[a]anthracene	Ave	1.221	1.161		47500	50000	-4.9	20.0
Chrysene	Ave	1.129	1.155		51200	50000	2.3	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7633	0.8417		55100	50000	10.3	20.0
Di-n-octyl phthalate	Ave	1.328	1.436		54000	50000	8.1	20.0
Benzo[b]fluoranthene	Ave	1.123	1.044		46500	50000	-7.0	20.0
Benzo[k]fluoranthene	Ave	1.228	1.273		51900	50000	3.7	20.0
Benzo[a]pyrene	Ave	0.9594	0.9687		50500	50000	1.0	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.8082	0.9518		58900	50000	17.8	20.0
Dibenz(a,h)anthracene	Ave	0.9026	1.005		55700	50000	11.4	20.0
Benzo[g,h,i]perylene	Ave	0.9329	1.136		60900	50000	21.7*	20.0
2-Fluorophenol	Ave	1.319	1.211		45900	50000	-8.2	20.0
Phenol-d5	Ave	1.505	1.483		49300	50000	-1.4	20.0
Nitrobenzene-d5	Ave	0.3776	0.4196		55600	50000	11.1	20.0
2-Fluorobiphenyl	Ave	1.461	1.457		49900	50000	-0.3	20.0
2,4,6-Tribromophenol	Ave	0.1845	0.1799		48800	50000	-2.5	20.0
Terphenyl-d14	Ave	1.236	1.194		48300	50000	-3.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182214/2 Calibration Date: 09/18/2013 18:54

Instrument ID: BNAMS5 Calib Start Date: 09/10/2013 16:38

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2013 18:50

Lab File ID: x5361.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5992	0.5110		42600	50000	-14.7	20.0
N-Nitrosodimethylamine	Ave	0.8463	0.7166		42300	50000	-15.3	20.0
Pyridine	Ave	1.412	1.223		43300	50000	-13.4	20.0
Benzaldehyde	Ave	0.6247	0.4539		36300	50000	-27.3*	20.0
Aniline	Ave	1.825	1.843		50500	50000	1.0	20.0
Phenol	Ave	1.688	1.681		49800	50000	-0.4	20.0
Bis(2-chloroethyl)ether	Ave	1.396	1.332		47700	50000	-4.6	20.0
2-Chlorophenol	Ave	1.403	1.428		50900	50000	1.8	20.0
Decane	Ave	1.167	1.178		50500	50000	0.9	20.0
1,3-Dichlorobenzene	Ave	1.626	1.595		49100	50000	-1.9	20.0
1,4-Dichlorobenzene	Ave	1.600	1.564		48900	50000	-2.2	20.0
1,2-Dichlorobenzene	Ave	1.477	1.438		48700	50000	-2.7	20.0
Benzyl alcohol	Ave	0.7662	0.7340		47900	50000	-4.2	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.333	1.356		50900	50000	1.7	20.0
2-Methylphenol	Ave	1.128	1.108		49100	50000	-1.8	20.0
Acetophenone	Ave	1.533	1.546		50400	50000	0.8	20.0
N-Nitrosodi-n-propylamine	Ave	0.8502	0.9161	0.0500	53900	50000	7.8	20.0
3 & 4 Methylphenol	Ave	1.141	1.121		49100	50000	-1.7	20.0
4-Methylphenol	Ave	1.134	1.121		49400	50000	-1.1	20.0
Hexachloroethane	Ave	0.5631	0.5778		51300	50000	2.6	20.0
Nitrobenzene	Ave	0.4628	0.4612		49800	50000	-0.3	20.0
n,n'-Dimethylaniline	Ave	1.828	1.711		46800	50000	-6.4	20.0
Isophorone	Ave	0.5748	0.6090		53000	50000	5.9	20.0
2-Nitrophenol	Ave	0.2030	0.2065		50900	50000	1.8	20.0
2,4-Dimethylphenol	Ave	0.3132	0.3068		49000	50000	-2.0	20.0
Bis(2-chloroethoxy)methane	Ave	0.4031	0.4076		50600	50000	1.1	20.0
2,4-Dichlorophenol	Ave	0.2812	0.2777		49400	50000	-1.3	20.0
Benzoic acid	QuaF	0.1016	0.1000		45000	50000	-10.0	20.0
1,2,4-Trichlorobenzene	Ave	0.3387	0.3250		48000	50000	-4.0	20.0
Naphthalene	Ave	1.031	0.9736		47200	50000	-5.5	20.0
4-Chloroaniline	Ave	0.3625	0.3777		52100	50000	4.2	20.0
Hexachlorobutadiene	Ave	0.1790	0.1738		48500	50000	-2.9	20.0
Caprolactam	QuaF	0.0628	0.0686		50300	50000	0.6	20.0
4-Chloro-3-methylphenol	Ave	0.2360	0.2451		51900	50000	3.9	20.0
2-Methylnaphthalene	Ave	0.6252	0.5671		45400	50000	-9.3	20.0
1-Methylnaphthalene	Ave	0.6449	0.5873		45500	50000	-8.9	20.0
Hexachlorocyclopentadiene	QuaF	0.2869	0.2899	0.0500	48800	50000	-2.5	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6524	0.6350		48700	50000	-2.7	20.0
2-tertbutyl-4-methylphenol	Ave	0.4101	0.3901		47600	50000	-4.9	20.0
2,4,6-Trichlorophenol	Ave	0.4000	0.3973		49700	50000	-0.7	20.0
2,4,5-Trichlorophenol	Ave	0.3994	0.4085		51100	50000	2.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182214/2 Calibration Date: 09/18/2013 18:54

Instrument ID: BNAMS5 Calib Start Date: 09/10/2013 16:38

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2013 18:50

Lab File ID: x5361.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.536	1.440		46900	50000	-6.2	20.0
2-Chloronaphthalene	Ave	1.191	1.105		46400	50000	-7.2	20.0
Diphenyl ether	Ave	0.8938	0.8820		49300	50000	-1.3	20.0
2-Nitroaniline	Ave	0.3038	0.3075		50600	50000	1.2	20.0
Dimethylnaphthalene, total	Ave	1.035	1.020		49200	50000	-1.5	20.0
Coumarin	Ave	0.1578	0.1586		50300	50000	0.5	20.0
Dimethyl phthalate	Ave	1.092	1.117		51100	50000	2.2	20.0
2,6-Dinitrotoluene	Ave	0.2720	0.2828		52000	50000	4.0	20.0
Acenaphthylene	Ave	1.849	1.786		48300	50000	-3.4	20.0
3-Nitroaniline	Ave	0.2484	0.2485		50000	50000	0.0	20.0
Acenaphthene	Ave	1.093	1.072		49100	50000	-1.9	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.070	1.083		50600	50000	1.2	20.0
2,4-Dinitrophenol	QuaF	0.0895	0.0921	0.0500	47200	50000	-5.6	20.0
4-Nitrophenol	Ave	0.1308	0.1472	0.0500	56200	50000	12.5	20.0
Dibenzofuran	Ave	1.543	1.529		49600	50000	-0.9	20.0
2,4-Dinitrotoluene	Ave	0.3055	0.3225		52800	50000	5.6	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2628	0.2726		51900	50000	3.7	20.0
Diethyl phthalate	Ave	0.9860	1.025		52000	50000	4.0	20.0
Fluorene	Ave	1.183	1.205		50900	50000	1.8	20.0
4-Chlorophenyl phenyl ether	Ave	0.5919	0.5976		50500	50000	1.0	20.0
4-Nitroaniline	Ave	0.1765	0.1877		53200	50000	6.3	20.0
4,6-Dinitro-2-methylphenol	QuaF	0.1133	0.1145		48900	50000	-2.2	20.0
N-Nitrosodiphenylamine	Ave	0.6485	0.6528		50300	50000	0.7	20.0
1,2-Diphenylhydrazine	Ave	0.8626	0.8890		51500	50000	3.1	20.0
4-Bromophenyl phenyl ether	Ave	0.2781	0.2727		49000	50000	-1.9	20.0
Hexachlorobenzene	Ave	0.2981	0.2899		48600	50000	-2.8	20.0
Atrazine	Ave	0.1658	0.1616		48700	50000	-2.5	20.0
Pentachlorophenol	Ave	0.1373	0.1412		51400	50000	2.9	20.0
Pentachloronitrobenzene	Ave	0.0819	0.0812		49600	50000	-0.9	
n-Octadecane	Ave	0.5166	0.5318		51500	50000	3.0	20.0
Phenanthrene	Ave	1.146	1.115		48700	50000	-2.7	20.0
Anthracene	Ave	1.142	1.115		48900	50000	-2.3	20.0
Carbazole	Ave	0.8598	0.8472		49300	50000	-1.5	20.0
Di-n-butyl phthalate	Ave	1.016	1.069		52600	50000	5.3	20.0
Fluoranthene	Ave	0.9092	0.9108		50100	50000	0.2	20.0
Benzidine	Ave	0.1066	0.0356		16700	50000	-66.6*	20.0
Pyrene	Ave	1.781	1.708		47900	50000	-4.1	20.0
Butyl benzyl phthalate	Ave	0.5852	0.5869		50100	50000	0.3	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1897	0.1702		448	500	-10.3	20.0
Carbamazepine	QuaF	0.3634	0.3403		45500	50000	-9.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182214/2 Calibration Date: 09/18/2013 18:54

Instrument ID: BNAMS5 Calib Start Date: 09/10/2013 16:38

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2013 18:50

Lab File ID: x5361.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	QuaF	0.2960	0.2784		48800	50000	-2.4	20.0
Benzo[a]anthracene	Ave	1.221	1.164		47700	50000	-4.7	20.0
Chrysene	Ave	1.129	1.147		50800	50000	1.6	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7633	0.8165		53500	50000	7.0	20.0
Di-n-octyl phthalate	Ave	1.328	1.539		57900	50000	15.8	20.0
Benzo[b]fluoranthene	Ave	1.123	1.135		50600	50000	1.1	20.0
Benzo[k]fluoranthene	Ave	1.228	1.262		51400	50000	2.8	20.0
Benzo[a]pyrene	Ave	0.9594	1.006		52400	50000	4.9	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.8082	0.8195		50700	50000	1.4	20.0
Dibenz(a,h)anthracene	Ave	0.9026	0.9051		50100	50000	0.3	20.0
Benzo[g,h,i]perylene	Ave	0.9329	0.8944		47900	50000	-4.1	20.0
2-Fluorophenol	Ave	1.319	1.283		48600	50000	-2.8	20.0
Phenol-d5	Ave	1.505	1.565		52000	50000	4.0	20.0
Nitrobenzene-d5	Ave	0.3776	0.4024		53300	50000	6.6	20.0
2-Fluorobiphenyl	Ave	1.461	1.432		49000	50000	-2.0	20.0
2,4,6-Tribromophenol	Ave	0.1845	0.1849		50100	50000	0.2	20.0
Terphenyl-d14	Ave	1.236	1.163		47000	50000	-5.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182161/2 Calibration Date: 09/19/2013 12:11

Instrument ID: CBNAMS12 Calib Start Date: 09/16/2013 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/16/2013 17:20

Lab File ID: 112694.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4408	0.4198		47600	50000	-4.7	20.0
N-Nitrosodimethylamine	Ave	0.5590	0.5431		48600	50000	-2.9	20.0
Pyridine	Ave	1.042	0.8806		42300	50000	-15.5	20.0
Aniline	Ave	1.581	1.534		48500	50000	-3.0	20.0
Phenol	Ave	1.425	1.390		48800	50000	-2.5	20.0
Bis(2-chloroethyl)ether	Ave	1.172	1.081		46100	50000	-7.8	20.0
2-Chlorophenol	Ave	1.320	1.325		50200	50000	0.4	20.0
Decane	Ave	1.225	1.232		50300	50000	0.6	20.0
1,3-Dichlorobenzene	Ave	1.614	1.600		49500	50000	-0.9	20.0
1,4-Dichlorobenzene	Ave	1.635	1.630		49900	50000	-0.3	20.0
1,2-Dichlorobenzene	Ave	1.539	1.537		49900	50000	-0.1	20.0
Benzyl alcohol	Ave	0.7345	0.7047		48000	50000	-4.1	20.0
2-Methylphenol	Ave	1.070	1.084		50600	50000	1.3	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.534	1.568		51100	50000	2.2	20.0
N-Nitrosodi-n-propylamine	Lin2		0.8075	0.0500	49400	50000	-1.3	20.0
3 & 4 Methylphenol	Ave	1.075	1.117		52000	50000	3.9	20.0
4-Methylphenol	Ave	1.056	1.111		52600	50000	5.2	20.0
Hexachloroethane	Ave	0.6411	0.6241		48700	50000	-2.7	20.0
n,n'-Dimethylaniline	Ave	1.804	1.791		49600	50000	-0.7	20.0
Nitrobenzene	Ave	0.4464	0.4547		50900	50000	1.9	20.0
Isophorone	Ave	0.5202	0.5012		48200	50000	-3.6	20.0
2-Nitrophenol	Ave	0.1809	0.1891		52300	50000	4.5	20.0
2,4-Dimethylphenol	Ave	0.2909	0.2931		50400	50000	0.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.3653	0.3562		48800	50000	-2.5	20.0
2,4-Dichlorophenol	Ave	0.2634	0.2747		52100	50000	4.3	20.0
Benzoic acid	Qua		0.0689		33700	50000	-32.7*	20.0
1,2,4-Trichlorobenzene	Ave	0.3404	0.3401		50000	50000	-0.0	20.0
Naphthalene	Ave	1.026	1.022		49800	50000	-0.4	20.0
4-Chloroaniline	Ave	0.3884	0.3696		47600	50000	-4.8	20.0
Hexachlorobutadiene	Ave	0.2033	0.2068		50900	50000	1.7	20.0
4-Chloro-3-methylphenol	Ave	0.2559	0.2526		49300	50000	-1.3	20.0
2-Methylnaphthalene	Ave	0.6482	0.6312		48700	50000	-2.6	20.0
1-Methylnaphthalene	Ave	0.6577	0.6564		49900	50000	-0.2	20.0
Hexachlorocyclopentadiene	Lin1		0.2677	0.0500	52200	50000	4.5	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6259	0.6291		50300	50000	0.5	20.0
2-tertbutyl-4-methylphenol	Ave	0.4295	0.4144		48200	50000	-3.5	20.0
2,4,6-Trichlorophenol	Ave	0.3653	0.3758		51400	50000	2.9	20.0
2,4,5-Trichlorophenol	Ave	0.3879	0.4072		52500	50000	5.0	20.0
2-Chloronaphthalene	Ave	1.198	1.201		50100	50000	0.2	20.0
Diphenyl ether	Ave	0.8062	0.8041		49900	50000	-0.3	20.0
2-Nitroaniline	Ave	0.2952	0.2922		49500	50000	-1.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182161/2 Calibration Date: 09/19/2013 12:11

Instrument ID: CBNAMS12 Calib Start Date: 09/16/2013 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/16/2013 17:20

Lab File ID: 112694.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dimethylnaphthalene, total	Ave	0.9342	0.9347		50000	50000	0.0	20.0
Coumarin	Ave	0.2095	0.1848		44100	50000	-11.8	20.0
Dimethyl phthalate	Ave	1.284	1.192		46400	50000	-7.2	20.0
2,6-Dinitrotoluene	Ave	0.2889	0.2766		47900	50000	-4.3	20.0
Acenaphthylene	Ave	1.814	1.771		48800	50000	-2.4	20.0
3-Nitroaniline	Ave	0.3048	0.2699		44300	50000	-11.5	20.0
Acenaphthene	Ave	1.079	1.053		48800	50000	-2.4	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.023	1.024		50000	50000	0.0	20.0
2,4-Dinitrophenol	Lin2		0.0968	0.0500	42300	50000	-15.5	20.0
Dibenzofuran	Ave	1.632	1.576		48300	50000	-3.5	20.0
4-Nitrophenol	Qua		0.1407	0.0500	57300	50000	14.7	20.0
2,4-Dinitrotoluene	Ave	0.3776	0.3509		46500	50000	-7.1	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2969	0.2883		48500	50000	-2.9	20.0
Diethyl phthalate	Ave	1.267	1.164		45900	50000	-8.1	20.0
Fluorene	Ave	1.301	1.233		47400	50000	-5.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.6323	0.6102		48300	50000	-3.5	20.0
4-Nitroaniline	Ave	0.2785	0.2266		40700	50000	-18.6	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1123		45600	50000	-8.8	20.0
N-Nitrosodiphenylamine	Ave	0.5600	0.5750		51300	50000	2.7	20.0
1,2-Diphenylhydrazine	Ave	0.7680	0.7957		51800	50000	3.6	20.0
4-Bromophenyl phenyl ether	Ave	0.2525	0.2593		51300	50000	2.7	20.0
Hexachlorobenzene	Ave	0.2985	0.3019		50600	50000	1.1	20.0
Pentachlorophenol	Lin2		0.1378		50200	50000	0.5	20.0
Pentachloronitrobenzene	Ave	0.1079	0.1107		51300	50000	2.6	
n-Octadecane	Ave	0.4345	0.4837		55700	50000	11.3	20.0
Phenanthrene	Ave	1.131	1.142		50500	50000	1.0	20.0
Anthracene	Ave	1.152	1.145		49700	50000	-0.6	20.0
Carbazole	Ave	1.004	0.9816		48900	50000	-2.2	20.0
Di-n-butyl phthalate	Ave	1.296	1.272		49100	50000	-1.8	20.0
Fluoranthene	Ave	1.178	1.115		47300	50000	-5.4	20.0
Benzidine	Ave	0.4805	0.3487		36300	50000	-27.4*	20.0
Pyrene	Ave	1.317	1.318		50100	50000	0.1	20.0
Butyl benzyl phthalate	Ave	0.5702	0.5687		49900	50000	-0.3	20.0
2,3,7,8-TCDD (Screen)	Ave	0.2007	0.1882		469	500	-6.2	20.0
Carbamazepine	Ave	0.3884	0.4213		54200	50000	8.5	20.0
3,3'-Dichlorobenzidine	Ave	0.4277	0.4430		51800	50000	3.6	20.0
Benzo[a]anthracene	Ave	1.165	1.133		48600	50000	-2.7	20.0
Chrysene	Ave	1.129	1.125		49800	50000	-0.4	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8040	0.8102		50400	50000	0.8	20.0
Di-n-octyl phthalate	Ave	1.291	1.194		46300	50000	-7.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182161/2 Calibration Date: 09/19/2013 12:11

Instrument ID: CBNAMS12 Calib Start Date: 09/16/2013 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/16/2013 17:20

Lab File ID: 112694.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[b]fluoranthene	Ave	1.049	0.9907		47200	50000	-5.6	20.0
Benzo[k]fluoranthene	Ave	1.168	1.165		49900	50000	-0.2	20.0
Benzo[a]pyrene	Ave	0.9335	0.9611		51500	50000	3.0	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.049	1.120		53400	50000	6.8	20.0
Dibenz(a,h)anthracene	Ave	1.053	1.170		55600	50000	11.1	20.0
Benzo[g,h,i]perylene	Ave	1.068	1.185		55500	50000	11.0	20.0
2-Fluorophenol	Ave	0.9940	1.067		53700	50000	7.4	20.0
Phenol-d5	Ave	1.348	1.355		50200	50000	0.5	20.0
Nitrobenzene-d5	Ave	0.3365	0.3437		51100	50000	2.1	20.0
2-Fluorobiphenyl	Ave	1.351	1.362		50400	50000	0.8	20.0
2,4,6-Tribromophenol	Ave	0.2512	0.2341		46600	50000	-6.8	20.0
Terphenyl-d14	Ave	0.9473	0.9289		49000	50000	-1.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-182161/3 Calibration Date: 09/19/2013 12:45

Instrument ID: CBNAMS12 Calib Start Date: 09/16/2013 17:48

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/16/2013 20:10

Lab File ID: 112695.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Lin2		0.9596		49000	50000	-2.0	20.0
Acetophenone	Lin2		1.597		47900	50000	-4.1	20.0
Caprolactam	Lin2		0.0539		37900	50000	-24.3*	20.0
Diphenyl	Ave	1.468	1.486		50600	50000	1.2	20.0
Atrazine	Ave	0.1944	0.1820		46800	50000	-6.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182283/2 Calibration Date: 09/20/2013 01:45

Instrument ID: CBNAMS12 Calib Start Date: 09/16/2013 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/16/2013 17:20

Lab File ID: 112720.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4408	0.4370		49600	50000	-0.8	20.0
N-Nitrosodimethylamine	Ave	0.5590	0.6180		55300	50000	10.6	20.0
Pyridine	Ave	1.042	1.078		51700	50000	3.4	20.0
Aniline	Ave	1.581	1.524		48200	50000	-3.6	20.0
Phenol	Ave	1.425	1.392		48800	50000	-2.3	20.0
Bis(2-chloroethyl)ether	Ave	1.172	1.141		48700	50000	-2.7	20.0
2-Chlorophenol	Ave	1.320	1.300		49200	50000	-1.5	20.0
Decane	Ave	1.225	1.258		51400	50000	2.7	20.0
1,3-Dichlorobenzene	Ave	1.614	1.628		50400	50000	0.9	20.0
1,4-Dichlorobenzene	Ave	1.635	1.664		50900	50000	1.8	20.0
1,2-Dichlorobenzene	Ave	1.539	1.567		50900	50000	1.8	20.0
Benzyl alcohol	Ave	0.7345	0.7397		50400	50000	0.7	20.0
2-Methylphenol	Ave	1.070	1.072		50100	50000	0.2	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.534	1.551		50500	50000	1.1	20.0
N-Nitrosodi-n-propylamine	Lin2		0.7924	0.0500	48500	50000	-3.1	20.0
3 & 4 Methylphenol	Ave	1.075	1.100		51200	50000	2.3	20.0
4-Methylphenol	Ave	1.056	1.073		50800	50000	1.7	20.0
Hexachloroethane	Ave	0.6411	0.6406		50000	50000	-0.0	20.0
Nitrobenzene	Ave	0.4464	0.4616		51700	50000	3.4	20.0
n,n'-Dimethylaniline	Ave	1.804	1.788		49500	50000	-0.9	20.0
Isophorone	Ave	0.5202	0.5019		48200	50000	-3.5	20.0
2-Nitrophenol	Ave	0.1809	0.1889		52200	50000	4.4	20.0
2,4-Dimethylphenol	Ave	0.2909	0.2941		50500	50000	1.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.3653	0.3629		49700	50000	-0.7	20.0
2,4-Dichlorophenol	Ave	0.2634	0.2713		51500	50000	3.0	20.0
Benzoic acid	Qua		0.1057		45700	50000	-8.6	20.0
1,2,4-Trichlorobenzene	Ave	0.3404	0.3409		50100	50000	0.2	20.0
Naphthalene	Ave	1.026	1.033		50300	50000	0.6	20.0
4-Chloroaniline	Ave	0.3884	0.3898		50200	50000	0.4	20.0
Hexachlorobutadiene	Ave	0.2033	0.2074		51000	50000	2.0	20.0
4-Chloro-3-methylphenol	Ave	0.2559	0.2616		51100	50000	2.2	20.0
2-Methylnaphthalene	Ave	0.6482	0.6496		50100	50000	0.2	20.0
1-Methylnaphthalene	Ave	0.6577	0.6815		51800	50000	3.6	20.0
Hexachlorocyclopentadiene	Lin1		0.2541	0.0500	49800	50000	-0.4	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6259	0.6399		51100	50000	2.2	20.0
2-tertbutyl-4-methylphenol	Ave	0.4295	0.4381		51000	50000	2.0	20.0
2,4,6-Trichlorophenol	Ave	0.3653	0.3835		52500	50000	5.0	20.0
2,4,5-Trichlorophenol	Ave	0.3879	0.4022		51800	50000	3.7	20.0
2-Chloronaphthalene	Ave	1.198	1.215		50700	50000	1.4	20.0
Diphenyl ether	Ave	0.8062	0.8087		50200	50000	0.3	20.0
2-Nitroaniline	Ave	0.2952	0.3086		52300	50000	4.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182283/2 Calibration Date: 09/20/2013 01:45

Instrument ID: CBNAMS12 Calib Start Date: 09/16/2013 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/16/2013 17:20

Lab File ID: 112720.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dimethylnaphthalene, total	Ave	0.9342	0.9581		51300	50000	2.6	20.0
Coumarin	Ave	0.2095	0.2189		52200	50000	4.5	20.0
Dimethyl phthalate	Ave	1.284	1.289		50200	50000	0.4	20.0
2,6-Dinitrotoluene	Ave	0.2889	0.2910		50400	50000	0.7	20.0
Acenaphthylene	Ave	1.814	1.791		49400	50000	-1.3	20.0
3-Nitroaniline	Ave	0.3048	0.3103		50900	50000	1.8	20.0
Acenaphthene	Ave	1.079	1.073		49700	50000	-0.6	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.023	1.027		50200	50000	0.4	20.0
2,4-Dinitrophenol	Lin2		0.1053	0.0500	44800	50000	-10.4	20.0
Dibenzofuran	Ave	1.632	1.637		50100	50000	0.3	20.0
4-Nitrophenol	Qua		0.1701	0.0500	66300	50000	32.6*	20.0
2,4-Dinitrotoluene	Ave	0.3776	0.3803		50400	50000	0.7	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2969	0.3043		51200	50000	2.5	20.0
Diethyl phthalate	Ave	1.267	1.275		50300	50000	0.6	20.0
Fluorene	Ave	1.301	1.306		50200	50000	0.4	20.0
4-Chlorophenyl phenyl ether	Ave	0.6323	0.6292		49800	50000	-0.5	20.0
4-Nitroaniline	Ave	0.2785	0.2714		48700	50000	-2.6	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1109		45200	50000	-9.7	20.0
N-Nitrosodiphenylamine	Ave	0.5600	0.5600		50000	50000	0.0	20.0
1,2-Diphenylhydrazine	Ave	0.7680	0.7791		50700	50000	1.4	20.0
4-Bromophenyl phenyl ether	Ave	0.2525	0.2514		49800	50000	-0.4	20.0
Hexachlorobenzene	Ave	0.2985	0.3013		50500	50000	0.9	20.0
Pentachloronitrobenzene	Ave	0.1079	0.1053		48800	50000	-2.4	
Pentachlorophenol	Lin2		0.1283		47300	50000	-5.4	20.0
n-Octadecane	Ave	0.4345	0.4447		51200	50000	2.4	20.0
Phenanthrene	Ave	1.131	1.127		49800	50000	-0.4	20.0
Anthracene	Ave	1.152	1.154		50100	50000	0.2	20.0
Carbazole	Ave	1.004	0.9800		48800	50000	-2.4	20.0
Di-n-butyl phthalate	Ave	1.296	1.270		49000	50000	-2.0	20.0
Fluoranthene	Ave	1.178	1.149		48800	50000	-2.5	20.0
Benzidine	Ave	0.4805	0.3412		35500	50000	-29.0*	20.0
Pyrene	Ave	1.317	1.395		53000	50000	6.0	20.0
Butyl benzyl phthalate	Ave	0.5702	0.5820		51000	50000	2.1	20.0
Carbamazepine	Ave	0.3884	0.4056		52200	50000	4.4	20.0
2,3,7,8-TCDD (Screen)	Ave	0.2007	0.1822		454	500	-9.2	20.0
3,3'-Dichlorobenzidine	Ave	0.4277	0.4213		49200	50000	-1.5	20.0
Benzo[a]anthracene	Ave	1.165	1.161		49800	50000	-0.3	20.0
Chrysene	Ave	1.129	1.106		49000	50000	-2.0	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8040	0.8219		51100	50000	2.2	20.0
Di-n-octyl phthalate	Ave	1.291	1.357		52600	50000	5.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182283/2 Calibration Date: 09/20/2013 01:45

Instrument ID: CBNAMS12 Calib Start Date: 09/16/2013 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/16/2013 17:20

Lab File ID: 112720.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[b]fluoranthene	Ave	1.049	1.092		52000	50000	4.1	20.0
Benzo[k]fluoranthene	Ave	1.168	1.157		49500	50000	-0.9	20.0
Benzo[a]pyrene	Ave	0.9335	0.9622		51500	50000	3.1	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.049	1.089		51900	50000	3.9	20.0
Dibenz(a,h)anthracene	Ave	1.053	1.052		49900	50000	-0.1	20.0
Benzo[g,h,i]perylene	Ave	1.068	1.091		51100	50000	2.2	20.0
2-Fluorophenol	Ave	0.9940	1.055		53000	50000	6.1	20.0
Phenol-d5	Ave	1.348	1.358		50400	50000	0.7	20.0
Nitrobenzene-d5	Ave	0.3365	0.3364		50000	50000	-0.0	20.0
2-Fluorobiphenyl	Ave	1.351	1.361		50400	50000	0.7	20.0
2,4,6-Tribromophenol	Ave	0.2512	0.2584		51400	50000	2.9	20.0
Terphenyl-d14	Ave	0.9473	0.9744		51400	50000	2.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-182283/3 Calibration Date: 09/20/2013 02:17

Instrument ID: CBNAMS12 Calib Start Date: 09/16/2013 17:48

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/16/2013 20:10

Lab File ID: 112721.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Lin2		0.9409		48100	50000	-3.8	20.0
Acetophenone	Lin2		1.608		48300	50000	-3.5	20.0
Caprolactam	Lin2		0.0643		44400	50000	-11.2	20.0
Diphenyl	Ave	1.468	1.464		49800	50000	-0.3	20.0
Atrazine	Ave	0.1944	0.1989		51200	50000	2.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182394/2 Calibration Date: 09/20/2013 14:58

Instrument ID: CBNAMS12 Calib Start Date: 09/16/2013 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/16/2013 17:20

Lab File ID: 112746.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4408	0.3925		44500	50000	-10.9	20.0
N-Nitrosodimethylamine	Ave	0.5590	0.5238		46800	50000	-6.3	20.0
Pyridine	Ave	1.042	0.9572		45900	50000	-8.2	20.0
Aniline	Ave	1.581	1.466		46400	50000	-7.3	20.0
Phenol	Ave	1.425	1.351		47400	50000	-5.2	20.0
Bis(2-chloroethyl)ether	Ave	1.172	1.046		44600	50000	-10.8	20.0
2-Chlorophenol	Ave	1.320	1.304		49400	50000	-1.2	20.0
Decane	Ave	1.225	1.223		49900	50000	-0.1	20.0
1,3-Dichlorobenzene	Ave	1.614	1.585		49100	50000	-1.8	20.0
1,4-Dichlorobenzene	Ave	1.635	1.626		49700	50000	-0.5	20.0
1,2-Dichlorobenzene	Ave	1.539	1.543		50100	50000	0.2	20.0
Benzyl alcohol	Ave	0.7345	0.6824		46500	50000	-7.1	20.0
2-Methylphenol	Ave	1.070	1.049		49000	50000	-2.0	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.534	1.491		48600	50000	-2.8	20.0
N-Nitrosodi-n-propylamine	Lin2		0.7923	0.0500	48400	50000	-3.1	20.0
3 & 4 Methylphenol	Ave	1.075	1.072		49900	50000	-0.3	20.0
4-Methylphenol	Ave	1.056	1.069		50600	50000	1.2	20.0
Hexachloroethane	Ave	0.6411	0.6407		50000	50000	-0.0	20.0
Nitrobenzene	Ave	0.4464	0.4635		51900	50000	3.8	20.0
n,n'-Dimethylaniline	Ave	1.804	1.723		47800	50000	-4.5	20.0
Isophorone	Ave	0.5202	0.4992		48000	50000	-4.0	20.0
2-Nitrophenol	Ave	0.1809	0.1901		52500	50000	5.1	20.0
2,4-Dimethylphenol	Ave	0.2909	0.2897		49800	50000	-0.4	20.0
Bis(2-chloroethoxy)methane	Ave	0.3653	0.3516		48100	50000	-3.8	20.0
2,4-Dichlorophenol	Ave	0.2634	0.2724		51700	50000	3.4	20.0
Benzoic acid	Qua		0.0919		41300	50000	-17.5	20.0
1,2,4-Trichlorobenzene	Ave	0.3404	0.3420		50200	50000	0.5	20.0
Naphthalene	Ave	1.026	1.024		49900	50000	-0.2	20.0
4-Chloroaniline	Ave	0.3884	0.3680		47400	50000	-5.2	20.0
Hexachlorobutadiene	Ave	0.2033	0.2074		51000	50000	2.0	20.0
4-Chloro-3-methylphenol	Ave	0.2559	0.2502		48900	50000	-2.2	20.0
2-Methylnaphthalene	Ave	0.6482	0.6385		49300	50000	-1.5	20.0
1-Methylnaphthalene	Ave	0.6577	0.6694		50900	50000	1.8	20.0
Hexachlorocyclopentadiene	Lin1		0.2922	0.0500	56600	50000	13.2	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6259	0.6402		51100	50000	2.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.4295	0.4251		49500	50000	-1.0	20.0
2,4,6-Trichlorophenol	Ave	0.3653	0.3814		52200	50000	4.4	20.0
2,4,5-Trichlorophenol	Ave	0.3879	0.4062		52400	50000	4.7	20.0
2-Chloronaphthalene	Ave	1.198	1.209		50500	50000	0.9	20.0
Diphenyl ether	Ave	0.8062	0.8274		51300	50000	2.6	20.0
2-Nitroaniline	Ave	0.2952	0.2894		49000	50000	-1.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182394/2 Calibration Date: 09/20/2013 14:58

Instrument ID: CBNAMS12 Calib Start Date: 09/16/2013 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/16/2013 17:20

Lab File ID: 112746.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dimethylnaphthalene, total	Ave	0.9342	0.9561		51200	50000	2.3	20.0
Coumarin	Ave	0.2095	0.1876		44800	50000	-10.4	20.0
Dimethyl phthalate	Ave	1.284	1.227		47800	50000	-4.4	20.0
2,6-Dinitrotoluene	Ave	0.2889	0.2848		49300	50000	-1.4	20.0
Acenaphthylene	Ave	1.814	1.772		48800	50000	-2.3	20.0
3-Nitroaniline	Ave	0.3048	0.2679		44000	50000	-12.1	20.0
Acenaphthene	Ave	1.079	1.053		48800	50000	-2.5	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.023	1.005		49100	50000	-1.8	20.0
2,4-Dinitrophenol	Lin2		0.1098	0.0500	46200	50000	-7.7	20.0
Dibenzofuran	Ave	1.632	1.616		49500	50000	-1.0	20.0
2,4-Dinitrotoluene	Ave	0.3776	0.3609		47800	50000	-4.4	20.0
4-Nitrophenol	Qua		0.0930	0.0500	41600	50000	-16.9	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2969	0.2955		49800	50000	-0.5	20.0
Diethyl phthalate	Ave	1.267	1.222		48200	50000	-3.5	20.0
Fluorene	Ave	1.301	1.264		48600	50000	-2.8	20.0
4-Chlorophenyl phenyl ether	Ave	0.6323	0.6260		49500	50000	-1.0	20.0
4-Nitroaniline	Ave	0.2785	0.2073		37200	50000	-25.6*	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1214		48700	50000	-2.6	20.0
N-Nitrosodiphenylamine	Ave	0.5600	0.5699		50900	50000	1.8	20.0
1,2-Diphenylhydrazine	Ave	0.7680	0.7917		51500	50000	3.1	20.0
4-Bromophenyl phenyl ether	Ave	0.2525	0.2633		52100	50000	4.3	20.0
Hexachlorobenzene	Ave	0.2985	0.3153		52800	50000	5.6	20.0
Pentachlorophenol	Lin2		0.1607		57300	50000	14.6	20.0
Pentachloronitrobenzene	Ave	0.1079	0.1127		52200	50000	4.4	
n-Octadecane	Ave	0.4345	0.4735		54500	50000	9.0	20.0
Phenanthrene	Ave	1.131	1.157		51100	50000	2.2	20.0
Anthracene	Ave	1.152	1.171		50800	50000	1.6	20.0
Carbazole	Ave	1.004	0.9716		48400	50000	-3.2	20.0
Di-n-butyl phthalate	Ave	1.296	1.280		49400	50000	-1.2	20.0
Fluoranthene	Ave	1.178	1.125		47800	50000	-4.5	20.0
Benzidine	Ave	0.4805	0.2334		24300	50000	-51.4*	20.0
Pyrene	Ave	1.317	1.309		49700	50000	-0.6	20.0
Butyl benzyl phthalate	Ave	0.5702	0.5673		49700	50000	-0.5	20.0
2,3,7,8-TCDD (Screen)	Ave	0.2007	0.1786		445	500	-11.0	20.0
Carbamazepine	Ave	0.3884	0.3874		49900	50000	-0.3	20.0
3,3'-Dichlorobenzidine	Ave	0.4277	0.4079		47700	50000	-4.6	20.0
Benzo[a]anthracene	Ave	1.165	1.133		48600	50000	-2.8	20.0
Chrysene	Ave	1.129	1.104		48900	50000	-2.2	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8040	0.8210		51100	50000	2.1	20.0
Di-n-octyl phthalate	Ave	1.291	1.300		50400	50000	0.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182394/2 Calibration Date: 09/20/2013 14:58

Instrument ID: CBNAMS12 Calib Start Date: 09/16/2013 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/16/2013 17:20

Lab File ID: 112746.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[b]fluoranthene	Ave	1.049	1.039		49500	50000	-1.0	20.0
Benzo[k]fluoranthene	Ave	1.168	1.140		48800	50000	-2.4	20.0
Benzo[a]pyrene	Ave	0.9335	0.9444		50600	50000	1.2	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.049	1.215		57900	50000	15.8	20.0
Dibenz(a,h)anthracene	Ave	1.053	1.196		56800	50000	13.5	20.0
Benzo[g,h,i]perylene	Ave	1.068	1.205		56400	50000	12.9	20.0
2-Fluorophenol	Ave	0.9940	1.074		54000	50000	8.0	20.0
Phenol-d5	Ave	1.348	1.325		49100	50000	-1.7	20.0
Nitrobenzene-d5	Ave	0.3365	0.3363		50000	50000	-0.0	20.0
2-Fluorobiphenyl	Ave	1.351	1.362		50400	50000	0.8	20.0
2,4,6-Tribromophenol	Ave	0.2512	0.2477		49300	50000	-1.4	20.0
Terphenyl-d14	Ave	0.9473	0.9252		48800	50000	-2.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-182394/3 Calibration Date: 09/20/2013 15:30

Instrument ID: CBNAMS12 Calib Start Date: 09/16/2013 17:48

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/16/2013 20:10

Lab File ID: 112747.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Lin2		0.9388		48000	50000	-4.0	20.0
Acetophenone	Lin2		1.593		47800	50000	-4.3	20.0
Caprolactam	Lin2		0.0463		33100	50000	-33.8*	20.0
Diphenyl	Ave	1.468	1.489		50700	50000	1.4	20.0
Atrazine	Ave	0.1944	0.1726		44400	50000	-11.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182469/2 Calibration Date: 09/21/2013 10:23

Instrument ID: CBNAMS12 Calib Start Date: 09/16/2013 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/16/2013 17:20

Lab File ID: 112776.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4408	0.4297		48700	50000	-2.5	20.0
N-Nitrosodimethylamine	Ave	0.5590	0.6185		55300	50000	10.6	20.0
Pyridine	Ave	1.042	1.166		56000	50000	11.9	20.0
Aniline	Ave	1.581	1.593		50400	50000	0.8	20.0
Phenol	Ave	1.425	1.460		51200	50000	2.4	20.0
Bis(2-chloroethyl)ether	Ave	1.172	1.183		50400	50000	0.9	20.0
2-Chlorophenol	Ave	1.320	1.361		51600	50000	3.1	20.0
Decane	Ave	1.225	1.221		49800	50000	-0.3	20.0
1,3-Dichlorobenzene	Ave	1.614	1.599		49500	50000	-1.0	20.0
1,4-Dichlorobenzene	Ave	1.635	1.650		50500	50000	0.9	20.0
1,2-Dichlorobenzene	Ave	1.539	1.563		50800	50000	1.6	20.0
Benzyl alcohol	Ave	0.7345	0.7540		51300	50000	2.7	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.534	1.554		50600	50000	1.3	20.0
2-Methylphenol	Ave	1.070	1.137		53100	50000	6.2	20.0
N-Nitrosodi-n-propylamine	Lin2		0.8700	0.0500	53200	50000	6.4	20.0
3 & 4 Methylphenol	Ave	1.075	1.166		54300	50000	8.5	20.0
4-Methylphenol	Ave	1.056	1.157		54800	50000	9.6	20.0
Hexachloroethane	Ave	0.6411	0.6307		49200	50000	-1.6	20.0
Nitrobenzene	Ave	0.4464	0.4748		53200	50000	6.4	20.0
n,n'-Dimethylaniline	Ave	1.804	1.874		51900	50000	3.9	20.0
Isophorone	Ave	0.5202	0.5202		50000	50000	0.0	20.0
2-Nitrophenol	Ave	0.1809	0.1933		53400	50000	6.9	20.0
2,4-Dimethylphenol	Ave	0.2909	0.3022		51900	50000	3.9	20.0
Bis(2-chloroethoxy)methane	Ave	0.3653	0.3716		50900	50000	1.7	20.0
2,4-Dichlorophenol	Ave	0.2634	0.2822		53600	50000	7.1	20.0
Benzoic acid	Qua		0.1092		46800	50000	-6.4	20.0
1,2,4-Trichlorobenzene	Ave	0.3404	0.3438		50500	50000	1.0	20.0
Naphthalene	Ave	1.026	1.039		50600	50000	1.3	20.0
4-Chloroaniline	Ave	0.3884	0.3959		51000	50000	1.9	20.0
Hexachlorobutadiene	Ave	0.2033	0.2037		50100	50000	0.2	20.0
4-Chloro-3-methylphenol	Ave	0.2559	0.2753		53800	50000	7.6	20.0
2-Methylnaphthalene	Ave	0.6482	0.6588		50800	50000	1.6	20.0
1-Methylnaphthalene	Ave	0.6577	0.6821		51900	50000	3.7	20.0
Hexachlorocyclopentadiene	Lin1		0.2627	0.0500	51400	50000	2.7	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6259	0.6168		49300	50000	-1.5	20.0
2-tertbutyl-4-methylphenol	Ave	0.4295	0.4342		50500	50000	1.1	20.0
2,4,6-Trichlorophenol	Ave	0.3653	0.3836		52500	50000	5.0	20.0
2,4,5-Trichlorophenol	Ave	0.3879	0.4065		52400	50000	4.8	20.0
2-Chloronaphthalene	Ave	1.198	1.172		48900	50000	-2.1	20.0
Diphenyl ether	Ave	0.8062	0.7957		49300	50000	-1.3	20.0
2-Nitroaniline	Ave	0.2952	0.3069		52000	50000	4.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182469/2 Calibration Date: 09/21/2013 10:23

Instrument ID: CBNAMS12 Calib Start Date: 09/16/2013 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/16/2013 17:20

Lab File ID: 112776.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dimethylnaphthalene, total	Ave	0.9342	0.9277		49600	50000	-0.7	20.0
Coumarin	Ave	0.2095	0.2196		52400	50000	4.8	20.0
Dimethyl phthalate	Ave	1.284	1.249		48600	50000	-2.7	20.0
2,6-Dinitrotoluene	Ave	0.2889	0.2866		49600	50000	-0.8	20.0
Acenaphthylene	Ave	1.814	1.746		48100	50000	-3.7	20.0
3-Nitroaniline	Ave	0.3048	0.3067		50300	50000	0.6	20.0
Acenaphthene	Ave	1.079	1.058		49000	50000	-2.0	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.023	1.000		48900	50000	-2.3	20.0
2,4-Dinitrophenol	Lin2		0.1159	0.0500	48000	50000	-4.1	20.0
Dibenzofuran	Ave	1.632	1.619		49600	50000	-0.8	20.0
4-Nitrophenol	Qua		0.1542	0.0500	61500	50000	23.0*	20.0
2,4-Dinitrotoluene	Ave	0.3776	0.3868		51200	50000	2.4	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2969	0.3104		52300	50000	4.5	20.0
Diethyl phthalate	Ave	1.267	1.248		49300	50000	-1.5	20.0
Fluorene	Ave	1.301	1.289		49600	50000	-0.9	20.0
4-Chlorophenyl phenyl ether	Ave	0.6323	0.6232		49300	50000	-1.4	20.0
4-Nitroaniline	Ave	0.2785	0.2590		46500	50000	-7.0	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1294		51400	50000	2.7	20.0
N-Nitrosodiphenylamine	Ave	0.5600	0.5604		50000	50000	0.0	20.0
1,2-Diphenylhydrazine	Ave	0.7680	0.7683		50000	50000	0.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2525	0.2489		49300	50000	-1.4	20.0
Hexachlorobenzene	Ave	0.2985	0.2969		49700	50000	-0.5	20.0
Pentachlorophenol	Lin2		0.1545		55400	50000	10.8	20.0
Pentachloronitrobenzene	Ave	0.1079	0.1141		52900	50000	5.7	
n-Octadecane	Ave	0.4345	0.4400		50600	50000	1.3	20.0
Phenanthrene	Ave	1.131	1.149		50800	50000	1.5	20.0
Anthracene	Ave	1.152	1.178		51100	50000	2.2	20.0
Carbazole	Ave	1.004	1.018		50700	50000	1.5	20.0
Di-n-butyl phthalate	Ave	1.296	1.297		50000	50000	0.0	20.0
Fluoranthene	Ave	1.178	1.207		51200	50000	2.4	20.0
Benzidine	Ave	0.4805	0.3623		37700	50000	-24.6*	20.0
Pyrene	Ave	1.317	1.314		49900	50000	-0.2	20.0
Butyl benzyl phthalate	Ave	0.5702	0.5719		50200	50000	0.3	20.0
2,3,7,8-TCDD (Screen)	Ave	0.2007	0.1978		493	500	-1.4	20.0
Carbamazepine	Ave	0.3884	0.4466		57500	50000	15.0	20.0
3,3'-Dichlorobenzidine	Ave	0.4277	0.4378		51200	50000	2.3	20.0
Benzo[a]anthracene	Ave	1.165	1.151		49400	50000	-1.2	20.0
Chrysene	Ave	1.129	1.129		50000	50000	0.0	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8040	0.8002		49800	50000	-0.5	20.0
Di-n-octyl phthalate	Ave	1.291	1.161		45000	50000	-10.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182469/2 Calibration Date: 09/21/2013 10:23

Instrument ID: CBNAMS12 Calib Start Date: 09/16/2013 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/16/2013 17:20

Lab File ID: 112776.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[b]fluoranthene	Ave	1.049	1.070		51000	50000	1.9	20.0
Benzo[k]fluoranthene	Ave	1.168	1.092		46800	50000	-6.5	20.0
Benzo[a]pyrene	Ave	0.9335	0.9570		51300	50000	2.5	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.049	1.023		48800	50000	-2.5	20.0
Dibenz(a,h)anthracene	Ave	1.053	1.126		53400	50000	6.9	20.0
Benzo[g,h,i]perylene	Ave	1.068	1.107		51800	50000	3.7	20.0
2-Fluorophenol	Ave	0.9940	1.114		56000	50000	12.0	20.0
Phenol-d5	Ave	1.348	1.418		52600	50000	5.1	20.0
Nitrobenzene-d5	Ave	0.3365	0.3490		51900	50000	3.7	20.0
2-Fluorobiphenyl	Ave	1.351	1.324		49000	50000	-2.0	20.0
2,4,6-Tribromophenol	Ave	0.2512	0.2536		50500	50000	1.0	20.0
Terphenyl-d14	Ave	0.9473	0.9179		48400	50000	-3.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-182469/3 Calibration Date: 09/21/2013 10:52

Instrument ID: CBNAMS12 Calib Start Date: 09/16/2013 17:48

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/16/2013 20:10

Lab File ID: 112777.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Lin2		0.9829		50100	50000	0.3	20.0
Acetophenone	Lin2		1.657		49700	50000	-0.7	20.0
Caprolactam	Lin2		0.0616		42700	50000	-14.7	20.0
Diphenyl	Ave	1.468	1.490		50700	50000	1.5	20.0
Atrazine	Ave	0.1944	0.1825		46900	50000	-6.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182639/2 Calibration Date: 09/23/2013 09:21

Instrument ID: CBNAMS12 Calib Start Date: 09/16/2013 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/16/2013 17:20

Lab File ID: L112835.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4408	0.4327		49100	50000	-1.8	20.0
N-Nitrosodimethylamine	Ave	0.5590	0.5783		51700	50000	3.5	20.0
Pyridine	Ave	1.042	0.9874		47400	50000	-5.2	20.0
Aniline	Ave	1.581	1.532		48400	50000	-3.1	20.0
Phenol	Ave	1.425	1.326		46500	50000	-7.0	20.0
Bis(2-chloroethyl)ether	Ave	1.172	1.090		46500	50000	-7.0	20.0
2-Chlorophenol	Ave	1.320	1.330		50400	50000	0.7	20.0
Decane	Ave	1.225	1.224		50000	50000	-0.0	20.0
1,3-Dichlorobenzene	Ave	1.614	1.602		49600	50000	-0.7	20.0
1,4-Dichlorobenzene	Ave	1.635	1.650		50500	50000	1.0	20.0
1,2-Dichlorobenzene	Ave	1.539	1.568		50900	50000	1.9	20.0
Benzyl alcohol	Ave	0.7345	0.7188		48900	50000	-2.1	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.534	1.550		50500	50000	1.0	20.0
2-Methylphenol	Ave	1.070	1.108		51800	50000	3.5	20.0
N-Nitrosodi-n-propylamine	Lin2		0.8503	0.0500	52000	50000	4.0	20.0
3 & 4 Methylphenol	Ave	1.075	1.152		53600	50000	7.2	20.0
4-Methylphenol	Ave	1.056	1.142		54100	50000	8.2	20.0
Hexachloroethane	Ave	0.6411	0.6477		50500	50000	1.0	20.0
Nitrobenzene	Ave	0.4464	0.4636		51900	50000	3.9	20.0
n,n'-Dimethylaniline	Ave	1.804	1.857		51500	50000	3.0	20.0
Isophorone	Ave	0.5202	0.5248		50400	50000	0.9	20.0
2-Nitrophenol	Ave	0.1809	0.1900		52500	50000	5.0	20.0
2,4-Dimethylphenol	Ave	0.2909	0.2925		50300	50000	0.6	20.0
Bis(2-chloroethoxy)methane	Ave	0.3653	0.3619		49500	50000	-0.9	20.0
2,4-Dichlorophenol	Ave	0.2634	0.2848		54100	50000	8.1	20.0
Benzoic acid	Qua		0.1079		46400	50000	-7.2	20.0
1,2,4-Trichlorobenzene	Ave	0.3404	0.3409		50100	50000	0.1	20.0
Naphthalene	Ave	1.026	1.024		49900	50000	-0.2	20.0
4-Chloroaniline	Ave	0.3884	0.3774		48600	50000	-2.8	20.0
Hexachlorobutadiene	Ave	0.2033	0.2056		50600	50000	1.1	20.0
4-Chloro-3-methylphenol	Ave	0.2559	0.2566		50100	50000	0.3	20.0
2-Methylnaphthalene	Ave	0.6482	0.6598		50900	50000	1.8	20.0
1-Methylnaphthalene	Ave	0.6577	0.6875		52300	50000	4.5	20.0
Hexachlorocyclopentadiene	Lin1		0.2645	0.0500	51700	50000	3.3	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6259	0.6307		50400	50000	0.8	20.0
2-tertbutyl-4-methylphenol	Ave	0.4295	0.4486		52200	50000	4.4	20.0
2,4,6-Trichlorophenol	Ave	0.3653	0.3738		51200	50000	2.3	20.0
2,4,5-Trichlorophenol	Ave	0.3879	0.3927		50600	50000	1.2	20.0
2-Chloronaphthalene	Ave	1.198	1.191		49700	50000	-0.6	20.0
Diphenyl ether	Ave	0.8062	0.8003		49600	50000	-0.7	20.0
2-Nitroaniline	Ave	0.2952	0.2908		49300	50000	-1.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182639/2 Calibration Date: 09/23/2013 09:21

Instrument ID: CBNAMS12 Calib Start Date: 09/16/2013 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/16/2013 17:20

Lab File ID: L112835.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dimethylnaphthalene, total	Ave	0.9342	0.9473		50700	50000	1.4	20.0
Coumarin	Ave	0.2095	0.2020		48200	50000	-3.6	20.0
Dimethyl phthalate	Ave	1.284	1.244		48500	50000	-3.1	20.0
2,6-Dinitrotoluene	Ave	0.2889	0.2873		49700	50000	-0.6	20.0
Acenaphthylene	Ave	1.814	1.785		49200	50000	-1.6	20.0
3-Nitroaniline	Ave	0.3048	0.2792		45800	50000	-8.4	20.0
Acenaphthene	Ave	1.079	1.070		49600	50000	-0.9	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.023	1.039		50800	50000	1.6	20.0
2,4-Dinitrophenol	Lin2		0.1195	0.0500	49100	50000	-1.9	20.0
Dibenzofuran	Ave	1.632	1.595		48900	50000	-2.3	20.0
2,4-Dinitrotoluene	Ave	0.3776	0.3723		49300	50000	-1.4	20.0
4-Nitrophenol	Qua		0.1003	0.0500	44100	50000	-11.8	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2969	0.2910		49000	50000	-2.0	20.0
Diethyl phthalate	Ave	1.267	1.372		54200	50000	8.3	20.0
Fluorene	Ave	1.301	1.276		49000	50000	-1.9	20.0
4-Chlorophenyl phenyl ether	Ave	0.6323	0.6334		50100	50000	0.2	20.0
4-Nitroaniline	Ave	0.2785	0.2393		42900	50000	-14.1	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1277		50800	50000	1.5	20.0
N-Nitrosodiphenylamine	Ave	0.5600	0.5557		49600	50000	-0.8	20.0
1,2-Diphenylhydrazine	Ave	0.7680	0.7855		51100	50000	2.3	20.0
4-Bromophenyl phenyl ether	Ave	0.2525	0.2670		52900	50000	5.7	20.0
Hexachlorobenzene	Ave	0.2985	0.3113		52100	50000	4.3	20.0
Pentachloronitrobenzene	Ave	0.1079	0.1101		51000	50000	2.0	
Pentachlorophenol	Lin2		0.1371		50000	50000	0.0	20.0
n-Octadecane	Ave	0.4345	0.4738		54500	50000	9.1	20.0
Phenanthrene	Ave	1.131	1.145		50600	50000	1.2	20.0
Anthracene	Ave	1.152	1.181		51200	50000	2.4	20.0
Carbazole	Ave	1.004	0.9778		48700	50000	-2.6	20.0
Di-n-butyl phthalate	Ave	1.296	1.329		51300	50000	2.6	20.0
Fluoranthene	Ave	1.178	1.147		48700	50000	-2.7	20.0
Benzidine	Ave	0.4805	0.3261		33900	50000	-32.1*	20.0
Pyrene	Ave	1.317	1.277		48500	50000	-3.0	20.0
Butyl benzyl phthalate	Ave	0.5702	0.5687		49900	50000	-0.3	20.0
2,3,7,8-TCDD (Screen)	Ave	0.2007	0.1814		452	500	-9.6	20.0
Carbamazepine	Ave	0.3884	0.5077		65400	50000	30.7*	20.0
3,3'-Dichlorobenzidine	Ave	0.4277	0.4583		53600	50000	7.1	20.0
Benzo[a]anthracene	Ave	1.165	1.146		49200	50000	-1.6	20.0
Chrysene	Ave	1.129	1.125		49800	50000	-0.3	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8040	0.8251		51300	50000	2.6	20.0
Di-n-octyl phthalate	Ave	1.291	1.204		46600	50000	-6.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182639/2 Calibration Date: 09/23/2013 09:21

Instrument ID: CBNAMS12 Calib Start Date: 09/16/2013 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/16/2013 17:20

Lab File ID: L112835.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[b]fluoranthene	Ave	1.049	1.026		48900	50000	-2.3	20.0
Benzo[k]fluoranthene	Ave	1.168	1.101		47100	50000	-5.7	20.0
Benzo[a]pyrene	Ave	0.9335	0.9552		51200	50000	2.3	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.049	1.091		52000	50000	4.1	20.0
Dibenz(a,h)anthracene	Ave	1.053	1.250		59300	50000	18.7	20.0
Benzo[g,h,i]perylene	Ave	1.068	1.279		59900	50000	19.8	20.0
2-Fluorophenol	Ave	0.9940	1.048		52700	50000	5.4	20.0
Phenol-d5	Ave	1.348	1.349		50000	50000	0.0	20.0
Nitrobenzene-d5	Ave	0.3365	0.3465		51500	50000	3.0	20.0
2-Fluorobiphenyl	Ave	1.351	1.361		50300	50000	0.7	20.0
2,4,6-Tribromophenol	Ave	0.2512	0.2488		49500	50000	-1.0	20.0
Terphenyl-d14	Ave	0.9473	0.8980		47400	50000	-5.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-182639/3 Calibration Date: 09/23/2013 09:54

Instrument ID: CBNAMS12 Calib Start Date: 09/16/2013 17:48

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/16/2013 20:10

Lab File ID: L112836.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Lin2		0.9677		49400	50000	-1.2	20.0
Acetophenone	Lin2		1.591		47800	50000	-4.5	20.0
Caprolactam	Lin2		0.0599		41600	50000	-16.8	20.0
Diphenyl	Ave	1.468	1.478		50300	50000	0.7	20.0
Atrazine	Ave	0.1944	0.1891		48600	50000	-2.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-181879/2 Calibration Date: 09/18/2013 02:48

Instrument ID: CBNAMS6 Calib Start Date: 08/31/2013 11:13

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/31/2013 13:07

Lab File ID: M69498.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7058	0.5676		8040	10000	-19.6	20.0
N-Nitrosodimethylamine	Ave	0.9675	0.9792		10100	10000	1.2	20.0
Pyridine	Ave	1.403	1.313		9360	10000	-6.4	20.0
Benzaldehyde	Qua		0.9701		12000	10000	20.0	20.0
Aniline	Ave	1.735	1.719		9910	10000	-0.9	20.0
Phenol	Ave	1.724	1.802		10500	10000	4.5	20.0
Bis(2-chloroethyl)ether	Ave	1.408	1.333		9470	10000	-5.3	20.0
2-Chlorophenol	Ave	1.298	1.366		10500	10000	5.3	20.0
Decane	Ave	1.700	1.742		10200	10000	2.5	20.0
1,3-Dichlorobenzene	Ave	1.456	1.423		9770	10000	-2.3	20.0
1,4-Dichlorobenzene	Ave	1.454	1.435		9870	10000	-1.3	20.0
Benzyl alcohol	Ave	0.7957	0.9026		11300	10000	13.4	20.0
1,2-Dichlorobenzene	Ave	1.396	1.356		9710	10000	-2.9	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.139	2.312		10800	10000	8.1	20.0
2-Methylphenol	Ave	1.210	1.287		10600	10000	6.4	20.0
Acetophenone	Ave	1.961	1.884		9610	10000	-3.9	20.0
N-Nitrosodi-n-propylamine	Ave	1.234	1.215	0.0500	9850	10000	-1.5	20.0
3 & 4 Methylphenol	Ave	1.253	1.408		11200	10000	12.4	20.0
4-Methylphenol	Ave	1.212	1.362		11200	10000	12.4	20.0
Hexachloroethane	Ave	0.8092	0.7632		9430	10000	-5.7	20.0
n,n'-Dimethylaniline	Ave	1.808	1.727		9550	10000	-4.5	20.0
Nitrobenzene	Ave	0.8145	0.7340		9010	10000	-9.9	20.0
Isophorone	Ave	0.8496	0.8267		9730	10000	-2.7	20.0
2-Nitrophenol	Ave	0.2473	0.2490		10100	10000	0.7	20.0
2,4-Dimethylphenol	Ave	0.3391	0.3473		10200	10000	2.4	20.0
Bis(2-chloroethoxy)methane	Ave	0.4579	0.4542		9920	10000	-0.8	20.0
Benzoic acid	Lin2		0.1229		6820	10000	-31.8*	20.0
2,4-Dichlorophenol	Ave	0.3453	0.3332		9650	10000	-3.5	20.0
1,2,4-Trichlorobenzene	Ave	0.4119	0.3878		9410	10000	-5.9	20.0
Naphthalene	Ave	1.023	1.026		10000	10000	0.3	20.0
4-Chloroaniline	Ave	0.4069	0.3843		9440	10000	-5.6	20.0
Hexachlorobutadiene	Ave	0.2597	0.2355		9070	10000	-9.3	20.0
Caprolactam	Ave	0.0851	0.0792		9300	10000	-7.0	20.0
4-Chloro-3-methylphenol	Ave	0.3626	0.3643		10000	10000	0.5	20.0
2-Methylnaphthalene	Ave	0.6606	0.6298		9530	10000	-4.7	20.0
1-Methylnaphthalene	Ave	0.6945	0.6466		9310	10000	-6.9	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7289	0.7055		9680	10000	-3.2	20.0
Hexachlorocyclopentadiene	Ave	0.4550	0.3340	0.0500	7340	10000	-26.6*	20.0
2-tertbutyl-4-methylphenol	Ave	0.4926	0.4742		9630	10000	-3.7	20.0
2,4,6-Trichlorophenol	Ave	0.4208	0.4561		10800	10000	8.4	20.0
2,4,5-Trichlorophenol	Ave	0.4501	0.4546		10100	10000	1.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-181879/2 Calibration Date: 09/18/2013 02:48

Instrument ID: CBNAMS6 Calib Start Date: 08/31/2013 11:13

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/31/2013 13:07

Lab File ID: M69498.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.438	1.391		9670	10000	-3.3	20.0
2-Chloronaphthalene	Ave	1.195	1.174		9830	10000	-1.7	20.0
Diphenyl ether	Ave	0.8331	0.8172		9810	10000	-1.9	20.0
2-Nitroaniline	Ave	0.6207	0.5032		8110	10000	-18.9	20.0
Dimethylnaphthalene, total	Ave	0.9316	0.9743		10500	10000	4.6	20.0
Coumarin	Ave	0.2086	0.2104		10100	10000	0.9	20.0
Dimethyl phthalate	Ave	1.307	1.210		9260	10000	-7.4	20.0
2,6-Dinitrotoluene	Ave	0.3215	0.3174		9870	10000	-1.3	20.0
Acenaphthylene	Ave	1.719	1.636		9510	10000	-4.9	20.0
3-Nitroaniline	Ave	0.2752	0.2707		9840	10000	-1.6	20.0
Acenaphthene	Ave	1.041	1.013		9730	10000	-2.7	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.025	0.9825		9580	10000	-4.2	20.0
2,4-Dinitrophenol	Lin2		0.1185	0.0500	7320	10000	-26.8*	20.0
4-Nitrophenol	Lin2		0.2916	0.0500	9700	10000	-3.0	20.0
Dibenzofuran	Ave	1.539	1.504		9770	10000	-2.3	20.0
2,4-Dinitrotoluene	Ave	0.4057	0.3748		9240	10000	-7.6	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3102	0.3097		9980	10000	-0.2	20.0
Diethyl phthalate	Ave	1.281	1.203		9390	10000	-6.1	20.0
Fluorene	Ave	1.235	1.190		9630	10000	-3.7	20.0
4-Chlorophenyl phenyl ether	Ave	0.6424	0.6026		9380	10000	-6.2	20.0
4-Nitroaniline	Ave	0.2371	0.2264		9550	10000	-4.5	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1552	0.1444		9310	10000	-6.9	20.0
N-Nitrosodiphenylamine	Ave	0.5778	0.5954		10300	10000	3.0	20.0
1,2-Diphenylhydrazine	Ave	1.052	1.091		10400	10000	3.8	20.0
4-Bromophenyl phenyl ether	Ave	0.2416	0.2365		9790	10000	-2.1	20.0
Hexachlorobenzene	Ave	0.2492	0.2600		10400	10000	4.3	20.0
Atrazine	Ave	0.1993	0.1721		8630	10000	-13.7	20.0
Pentachlorophenol	Ave	0.1549	0.1692		10900	10000	9.2	20.0
Pentachloronitrobenzene	Ave	0.1289	0.1173		9100	10000	-9.0	
n-Octadecane	Ave	0.6316	0.6774		10700	10000	7.3	20.0
Phenanthrene	Ave	1.051	1.028		9790	10000	-2.1	20.0
Anthracene	Ave	1.074	1.039		9680	10000	-3.2	20.0
Carbazole	Ave	0.8987	0.8958		9970	10000	-0.3	20.0
Di-n-butyl phthalate	Ave	1.327	1.175		8850	10000	-11.5	20.0
Fluoranthene	Ave	1.054	0.9605		9110	10000	-8.9	20.0
Benzidine	Ave	0.1961	0.1547		7890	10000	-21.1*	20.0
Pyrene	Ave	1.660	1.591		9590	10000	-4.1	20.0
Butyl benzyl phthalate	Ave	0.8090	0.7485		9250	10000	-7.5	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1096	0.1082		98.8	100	-1.2	20.0
Carbamazepine	Ave	0.4935	0.5410		11000	10000	9.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-181879/2 Calibration Date: 09/18/2013 02:48

Instrument ID: CBNAMS6 Calib Start Date: 08/31/2013 11:13

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/31/2013 13:07

Lab File ID: M69498.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	Ave	0.3902	0.4359		11200	10000	11.7	20.0
Benzo[a]anthracene	Ave	1.242	1.172		9440	10000	-5.6	20.0
Chrysene	Ave	1.133	1.099		9700	10000	-3.0	20.0
Bis(2-ethylhexyl) phthalate	Ave	1.067	0.9514		8920	10000	-10.8	20.0
Di-n-octyl phthalate	Ave	1.849	1.746		9440	10000	-5.6	20.0
Benzo[b]fluoranthene	Ave	1.090	1.067		9790	10000	-2.1	20.0
Benzo[k]fluoranthene	Ave	1.116	1.179		10600	10000	5.7	20.0
Benzo[a]pyrene	Ave	0.9873	1.080		10900	10000	9.4	20.0
Indeno[1,2,3-cd]pyrene	Qua		0.9918		9870	10000	-1.3	20.0
Dibenz(a,h)anthracene	Qua		1.033		10100	10000	1.4	20.0
Benzo[g,h,i]perylene	Qua		1.041		9790	10000	-2.1	20.0
2-Fluorophenol	Ave	1.382	1.423		10300	10000	3.0	20.0
Phenol-d5	Ave	1.674	1.742		10400	10000	4.0	20.0
Nitrobenzene-d5	Ave	0.5841	0.5292		9060	10000	-9.4	20.0
2-Fluorobiphenyl	Ave	1.365	1.332		9750	10000	-2.5	20.0
2,4,6-Tribromophenol	Ave	0.1897	0.1974		10400	10000	4.1	20.0
Terphenyl-d14	Ave	1.053	0.9455		8980	10000	-10.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182022/2 Calibration Date: 09/18/2013 15:57

Instrument ID: CBNAMS6 Calib Start Date: 08/31/2013 11:13

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/31/2013 13:07

Lab File ID: M69528.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7058	0.6359		9010	10000	-9.9	20.0
N-Nitrosodimethylamine	Ave	0.9675	1.004		10400	10000	3.8	20.0
Pyridine	Ave	1.403	1.503		10700	10000	7.1	20.0
Benzaldehyde	Qua		1.035		13100	10000	30.8*	20.0
Aniline	Ave	1.735	1.894		10900	10000	9.2	20.0
Phenol	Ave	1.724	1.908		11100	10000	10.6	20.0
Bis(2-chloroethyl)ether	Ave	1.408	1.448		10300	10000	2.8	20.0
2-Chlorophenol	Ave	1.298	1.441		11100	10000	11.0	20.0
Decane	Ave	1.700	1.740		10200	10000	2.4	20.0
1,3-Dichlorobenzene	Ave	1.456	1.488		10200	10000	2.2	20.0
1,4-Dichlorobenzene	Ave	1.454	1.475		10100	10000	1.5	20.0
Benzyl alcohol	Ave	0.7957	0.9652		12100	10000	21.3*	20.0
1,2-Dichlorobenzene	Ave	1.396	1.436		10300	10000	2.9	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.139	2.428		11400	10000	13.5	20.0
2-Methylphenol	Ave	1.210	1.366		11300	10000	12.9	20.0
Acetophenone	Ave	1.961	2.094		10700	10000	6.8	20.0
N-Nitrosodi-n-propylamine	Ave	1.234	1.380	0.0500	11200	10000	11.8	20.0
3 & 4 Methylphenol	Ave	1.253	1.423		11400	10000	13.5	20.0
4-Methylphenol	Ave	1.212	1.378		11400	10000	13.7	20.0
Hexachloroethane	Ave	0.8092	0.7939		9810	10000	-1.9	20.0
Nitrobenzene	Ave	0.8145	0.7310		8970	10000	-10.3	20.0
n,n'-Dimethylaniline	Ave	1.808	1.905		10500	10000	5.4	20.0
Isophorone	Ave	0.8496	0.8846		10400	10000	4.1	20.0
2-Nitrophenol	Ave	0.2473	0.2511		10200	10000	1.5	20.0
2,4-Dimethylphenol	Ave	0.3391	0.3594		10600	10000	6.0	20.0
Bis(2-chloroethoxy)methane	Ave	0.4579	0.4699		10300	10000	2.6	20.0
Benzoic acid	Lin2		0.1051		5920	10000	-40.8*	20.0
2,4-Dichlorophenol	Ave	0.3453	0.3395		9830	10000	-1.7	20.0
1,2,4-Trichlorobenzene	Ave	0.4119	0.3667		8900	10000	-11.0	20.0
Naphthalene	Ave	1.023	1.022		9990	10000	-0.0	20.0
4-Chloroaniline	Ave	0.4069	0.4234		10400	10000	4.1	20.0
Hexachlorobutadiene	Ave	0.2597	0.2197		8460	10000	-15.4	20.0
Caprolactam	Ave	0.0851	0.1060		12500	10000	24.6*	20.0
4-Chloro-3-methylphenol	Ave	0.3626	0.4033		11100	10000	11.2	20.0
2-Methylnaphthalene	Ave	0.6606	0.6647		10100	10000	0.6	20.0
1-Methylnaphthalene	Ave	0.6945	0.7424		10700	10000	6.9	20.0
Hexachlorocyclopentadiene	Ave	0.4550	0.3638	0.0500	7990	10000	-20.1*	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7289	0.6491		8910	10000	-10.9	20.0
2-tertbutyl-4-methylphenol	Ave	0.4926	0.5254		10700	10000	6.7	20.0
2,4,6-Trichlorophenol	Ave	0.4208	0.4421		10500	10000	5.1	20.0
2,4,5-Trichlorophenol	Ave	0.4501	0.4653		10300	10000	3.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182022/2 Calibration Date: 09/18/2013 15:57

Instrument ID: CBNAMS6 Calib Start Date: 08/31/2013 11:13

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/31/2013 13:07

Lab File ID: M69528.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.438	1.374		9560	10000	-4.4	20.0
2-Chloronaphthalene	Ave	1.195	1.106		9260	10000	-7.4	20.0
Diphenyl ether	Ave	0.8331	0.7745		9300	10000	-7.0	20.0
2-Nitroaniline	Ave	0.6207	0.5052		8140	10000	-18.6	20.0
Dimethylnaphthalene, total	Ave	0.9316	0.8562		9190	10000	-8.1	20.0
Dimethyl phthalate	Ave	1.307	1.317		10100	10000	0.7	20.0
Coumarin	Ave	0.2086	0.2382		11400	10000	14.2	20.0
2,6-Dinitrotoluene	Ave	0.3215	0.3317		10300	10000	3.2	20.0
Acenaphthylene	Ave	1.719	1.706		9920	10000	-0.8	20.0
3-Nitroaniline	Ave	0.2752	0.2967		10800	10000	7.8	20.0
Acenaphthene	Ave	1.041	0.9851		9460	10000	-5.4	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.025	1.022		9970	10000	-0.3	20.0
2,4-Dinitrophenol	Lin2		0.1666	0.0500	9560	10000	-4.4	20.0
4-Nitrophenol	Lin2		0.3392	0.0500	11100	10000	11.0	20.0
Dibenzofuran	Ave	1.539	1.608		10400	10000	4.4	20.0
2,4-Dinitrotoluene	Ave	0.4057	0.4389		10800	10000	8.2	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3102	0.3553		11500	10000	14.5	20.0
Diethyl phthalate	Ave	1.281	1.267		9890	10000	-1.1	20.0
Fluorene	Ave	1.235	1.280		10400	10000	3.6	20.0
4-Chlorophenyl phenyl ether	Ave	0.6424	0.6223		9690	10000	-3.1	20.0
4-Nitroaniline	Ave	0.2371	0.2732		11500	10000	15.3	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1552	0.1632		10500	10000	5.2	20.0
N-Nitrosodiphenylamine	Ave	0.5778	0.6153		10600	10000	6.5	20.0
1,2-Diphenylhydrazine	Ave	1.052	1.080		10300	10000	2.7	20.0
4-Bromophenyl phenyl ether	Ave	0.2416	0.2388		9880	10000	-1.2	20.0
Hexachlorobenzene	Ave	0.2492	0.2672		10700	10000	7.2	20.0
Atrazine	Ave	0.1993	0.1950		9780	10000	-2.2	20.0
Pentachlorophenol	Ave	0.1549	0.1730		11200	10000	11.7	20.0
Pentachloronitrobenzene	Ave	0.1289	0.1220		9460	10000	-5.4	
n-Octadecane	Ave	0.6316	0.6278		9940	10000	-0.6	20.0
Phenanthrene	Ave	1.051	1.107		10500	10000	5.4	20.0
Anthracene	Ave	1.074	1.126		10500	10000	4.9	20.0
Carbazole	Ave	0.8987	0.8965		9980	10000	-0.2	20.0
Di-n-butyl phthalate	Ave	1.327	1.382		10400	10000	4.1	20.0
Fluoranthene	Ave	1.054	1.088		10300	10000	3.2	20.0
Benzidine	Ave	0.1961	0.2054		10500	10000	4.7	20.0
Pyrene	Ave	1.660	1.640		9880	10000	-1.2	20.0
Butyl benzyl phthalate	Ave	0.8090	0.7764		9600	10000	-4.0	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1096	0.1347		123	100	23.0*	20.0
Carbamazepine	Ave	0.4935	0.4975		10100	10000	0.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182022/2 Calibration Date: 09/18/2013 15:57

Instrument ID: CBNAMS6 Calib Start Date: 08/31/2013 11:13

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/31/2013 13:07

Lab File ID: M69528.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	Ave	0.3902	0.4253		10900	10000	9.0	20.0
Benzo[a]anthracene	Ave	1.242	1.256		10100	10000	1.2	20.0
Chrysene	Ave	1.133	1.161		10200	10000	2.5	20.0
Bis(2-ethylhexyl) phthalate	Ave	1.067	1.016		9520	10000	-4.8	20.0
Di-n-octyl phthalate	Ave	1.849	2.001		10800	10000	8.2	20.0
Benzo[b]fluoranthene	Ave	1.090	1.114		10200	10000	2.3	20.0
Benzo[k]fluoranthene	Ave	1.116	1.157		10400	10000	3.6	20.0
Benzo[a]pyrene	Ave	0.9873	1.035		10500	10000	4.8	20.0
Indeno[1,2,3-cd]pyrene	Qua		0.8877		9020	10000	-9.8	20.0
Dibenz(a,h)anthracene	Qua		0.9394		9360	10000	-6.4	20.0
Benzo[g,h,i]perylene	Qua		0.9400		8990	10000	-10.1	20.0
2-Fluorophenol	Ave	1.382	1.439		10400	10000	4.1	20.0
Phenol-d5	Ave	1.674	1.845		11000	10000	10.2	20.0
Nitrobenzene-d5	Ave	0.5841	0.5691		9740	10000	-2.6	20.0
2-Fluorobiphenyl	Ave	1.365	1.281		9380	10000	-6.2	20.0
2,4,6-Tribromophenol	Ave	0.1897	0.2214		11700	10000	16.7	20.0
Terphenyl-d14	Ave	1.053	1.038		9860	10000	-1.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182282/2 Calibration Date: 09/20/2013 01:11

Instrument ID: CBNAMS6 Calib Start Date: 08/31/2013 11:13

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/31/2013 13:07

Lab File ID: M69585.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7058	0.4958		7020	10000	-29.8*	20.0
Pyridine	Ave	1.403	1.264		9010	10000	-9.9	20.0
Benzaldehyde	Qua		0.9096		11000	10000	10.4	20.0
Aniline	Ave	1.735	1.691		9750	10000	-2.5	20.0
Phenol	Ave	1.724	1.717		9960	10000	-0.4	20.0
Bis(2-chloroethyl)ether	Ave	1.408	1.310		9300	10000	-7.0	20.0
2-Chlorophenol	Ave	1.298	1.352		10400	10000	4.2	20.0
Decane	Ave	1.700	1.536		9040	10000	-9.6	20.0
1,3-Dichlorobenzene	Ave	1.456	1.379		9470	10000	-5.3	20.0
1,4-Dichlorobenzene	Ave	1.454	1.388		9550	10000	-4.5	20.0
Benzyl alcohol	Ave	0.7957	0.8341		10500	10000	4.8	20.0
1,2-Dichlorobenzene	Ave	1.396	1.337		9580	10000	-4.2	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.139	2.100		9820	10000	-1.8	20.0
2-Methylphenol	Ave	1.210	1.249		10300	10000	3.2	20.0
Acetophenone	Ave	1.961	1.827		9320	10000	-6.8	20.0
N-Nitrosodi-n-propylamine	Ave	1.234	1.142	0.0500	9260	10000	-7.4	20.0
3 & 4 Methylphenol	Ave	1.253	1.282		10200	10000	2.3	20.0
4-Methylphenol	Ave	1.212	1.238		10200	10000	2.1	20.0
Hexachloroethane	Ave	0.8092	0.7309		9030	10000	-9.7	20.0
n,n'-Dimethylaniline	Ave	1.808	1.734		9590	10000	-4.1	20.0
Nitrobenzene	Ave	0.8145	0.6934		8510	10000	-14.9	20.0
Isophorone	Ave	0.8496	0.8013		9430	10000	-5.7	20.0
2-Nitrophenol	Ave	0.2473	0.2458		9940	10000	-0.6	20.0
2,4-Dimethylphenol	Ave	0.3391	0.3440		10100	10000	1.4	20.0
Bis(2-chloroethoxy)methane	Ave	0.4579	0.4155		9070	10000	-9.3	20.0
Benzoic acid	Lin2		0.1445		7910	10000	-20.9*	20.0
2,4-Dichlorophenol	Ave	0.3453	0.3489		10100	10000	1.0	20.0
1,2,4-Trichlorobenzene	Ave	0.4119	0.3921		9520	10000	-4.8	20.0
Naphthalene	Ave	1.023	1.001		9790	10000	-2.1	20.0
4-Chloroaniline	Ave	0.4069	0.4140		10200	10000	1.7	20.0
Hexachlorobutadiene	Ave	0.2597	0.2564		9870	10000	-1.3	20.0
Caprolactam	Ave	0.0851	0.0826		9700	10000	-3.0	20.0
4-Chloro-3-methylphenol	Ave	0.3626	0.3924		10800	10000	8.2	20.0
2-Methylnaphthalene	Ave	0.6606	0.6498		9840	10000	-1.6	20.0
1-Methylnaphthalene	Ave	0.6945	0.6977		10000	10000	0.5	20.0
Hexachlorocyclopentadiene	Ave	0.4550	0.4026	0.0500	8850	10000	-11.5	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7289	0.7215		9900	10000	-1.0	20.0
2-tertbutyl-4-methylphenol	Ave	0.4926	0.5149		10500	10000	4.5	20.0
2,4,6-Trichlorophenol	Ave	0.4208	0.4494		10700	10000	6.8	20.0
2,4,5-Trichlorophenol	Ave	0.4501	0.4809		10700	10000	6.8	20.0
Diphenyl	Ave	1.438	1.365		9490	10000	-5.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182282/2 Calibration Date: 09/20/2013 01:11

Instrument ID: CBNAMS6 Calib Start Date: 08/31/2013 11:13

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/31/2013 13:07

Lab File ID: M69585.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloronaphthalene	Ave	1.195	1.126		9430	10000	-5.7	20.0
Diphenyl ether	Ave	0.8331	0.7829		9400	10000	-6.0	20.0
2-Nitroaniline	Ave	0.6207	0.4896		7890	10000	-21.1*	20.0
Dimethylnaphthalene, total	Ave	0.9316	0.8808		9460	10000	-5.4	20.0
Coumarin	Ave	0.2086	0.2220		10600	10000	6.4	20.0
Dimethyl phthalate	Ave	1.307	1.290		9870	10000	-1.3	20.0
2,6-Dinitrotoluene	Ave	0.3215	0.3330		10400	10000	3.6	20.0
Acenaphthylene	Ave	1.719	1.624		9440	10000	-5.6	20.0
3-Nitroaniline	Ave	0.2752	0.2870		10400	10000	4.3	20.0
Acenaphthene	Ave	1.041	0.998		9590	10000	-4.1	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.025	1.109		10800	10000	8.2	20.0
2,4-Dinitrophenol	Lin2		0.1774	0.0500	10100	10000	0.6	20.0
4-Nitrophenol	Lin2		0.2777	0.0500	9290	10000	-7.1	20.0
Dibenzofuran	Ave	1.539	1.465		9520	10000	-4.8	20.0
2,4-Dinitrotoluene	Ave	0.4057	0.4054		9990	10000	-0.0	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3102	0.3683		11900	10000	18.7	20.0
Diethyl phthalate	Ave	1.281	1.240		9680	10000	-3.2	20.0
Fluorene	Ave	1.235	1.247		10100	10000	1.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.6424	0.6827		10600	10000	6.3	20.0
4-Nitroaniline	Ave	0.2371	0.2364		9970	10000	-0.3	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1552	0.1630		10500	10000	5.0	20.0
N-Nitrosodiphenylamine	Ave	0.5778	0.5499		9520	10000	-4.8	20.0
1,2-Diphenylhydrazine	Ave	1.052	0.9246		8790	10000	-12.1	20.0
4-Bromophenyl phenyl ether	Ave	0.2416	0.2407		9960	10000	-0.4	20.0
Hexachlorobenzene	Ave	0.2492	0.2867		11500	10000	15.0	20.0
Atrazine	Ave	0.1993	0.1960		9830	10000	-1.7	20.0
Pentachlorophenol	Ave	0.1549	0.1798		11600	10000	16.0	20.0
Pentachloronitrobenzene	Ave	0.1289	0.1233		9560	10000	-4.4	
n-Octadecane	Ave	0.6316	0.5795		9180	10000	-8.2	20.0
Phenanthrene	Ave	1.051	1.046		9960	10000	-0.4	20.0
Anthracene	Ave	1.074	1.025		9540	10000	-4.6	20.0
Carbazole	Ave	0.8987	0.8384		9330	10000	-6.7	20.0
Di-n-butyl phthalate	Ave	1.327	1.180		8890	10000	-11.1	20.0
Fluoranthene	Ave	1.054	1.016		9640	10000	-3.6	20.0
Benzidine	Ave	0.1961	0.1980		10100	10000	1.0	20.0
Pyrene	Ave	1.660	1.702		10300	10000	2.5	20.0
Butyl benzyl phthalate	Ave	0.8090	0.7797		9640	10000	-3.6	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1096	0.2022		185	100	84.5*	20.0
Carbamazepine	Ave	0.4935	0.5103		10300	10000	3.4	20.0
3,3'-Dichlorobenzidine	Ave	0.3902	0.4159		10700	10000	6.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCVIS 460-182282/2 Calibration Date: 09/20/2013 01:11

Instrument ID: CBNAMS6 Calib Start Date: 08/31/2013 11:13

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/31/2013 13:07

Lab File ID: M69585.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[a]anthracene	Ave	1.242	1.264		10200	10000	1.8	20.0
Chrysene	Ave	1.133	1.136		10000	10000	0.3	20.0
Bis(2-ethylhexyl) phthalate	Ave	1.067	0.9501		8900	10000	-11.0	20.0
Di-n-octyl phthalate	Ave	1.849	1.711		9250	10000	-7.5	20.0
Benzo[b]fluoranthene	Ave	1.090	1.098		10100	10000	0.8	20.0
Benzo[k]fluoranthene	Ave	1.116	1.112		9960	10000	-0.4	20.0
Benzo[a]pyrene	Ave	0.9873	1.039		10500	10000	5.2	20.0
Indeno[1,2,3-cd]pyrene	Qua		0.9279		9350	10000	-6.5	20.0
Dibenz(a,h)anthracene	Qua		0.9470		9420	10000	-5.8	20.0
Benzo[g,h,i]perylene	Qua		0.9683		9210	10000	-7.9	20.0
2-Fluorophenol	Ave	1.382	1.328		9610	10000	-3.9	20.0
Phenol-d5	Ave	1.674	1.638		9780	10000	-2.2	20.0
Nitrobenzene-d5	Ave	0.5841	0.5141		8800	10000	-12.0	20.0
2-Fluorobiphenyl	Ave	1.365	1.275		9340	10000	-6.6	20.0
2,4,6-Tribromophenol	Ave	0.1897	0.2561		13500	10000	35.0*	20.0
Terphenyl-d14	Ave	1.053	1.095		10400	10000	4.1	20.0

Data File: /chem/BNAMS11.i/8270/09-19-13/19sep13.b/z2308.d
Report Date: 19-Sep-2013 01:00

TestAmerica

Data file : /chem/BNAMS11.i/8270/09-19-13/19sep13.b/z2308.d
Lab Smp Id: DFTPP-2358389
Inj Date : 19-SEP-2013 00:39
Operator : BNAMS3 Inst ID: BNAMS11.i
Smp Info : DFTPP-2358389
Misc Info : 25 ppm bna 4807
Comment   :
Method   : /chem/BNAMS11.i/8270/09-19-13/19sep13.b/BNADFTPP.m
Meth Date : 18-Sep-2013 01:44 asfawa Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
6.316	6.100	0.216	198	22183			0.00- 100.00	100.00
6.316	6.100	0.216	51	11907			30.00- 60.00	53.68
6.316	6.100	0.216	68	211			0.00- 2.00	1.86
6.316	6.100	0.216	69	11332			0.00- 0.00	51.08
6.316	6.100	0.216	70	103			0.00- 2.00	0.91
6.316	6.100	0.216	127	12900			40.00- 60.00	58.15
6.316	6.100	0.216	197	205			0.00- 1.00	0.92
6.316	6.100	0.216	199	1539			5.00- 9.00	6.94
6.316	6.100	0.216	275	5601			10.00- 30.00	25.25
6.316	6.100	0.216	365	999			1.00- 0.00	4.50
6.316	6.100	0.216	441	2661			0.01- 100.00	84.34
6.316	6.100	0.216	442	16613			40.00- 110.00	74.89
6.316	6.100	0.216	443	3155			17.00- 23.00	18.99

Data File: z2308.d

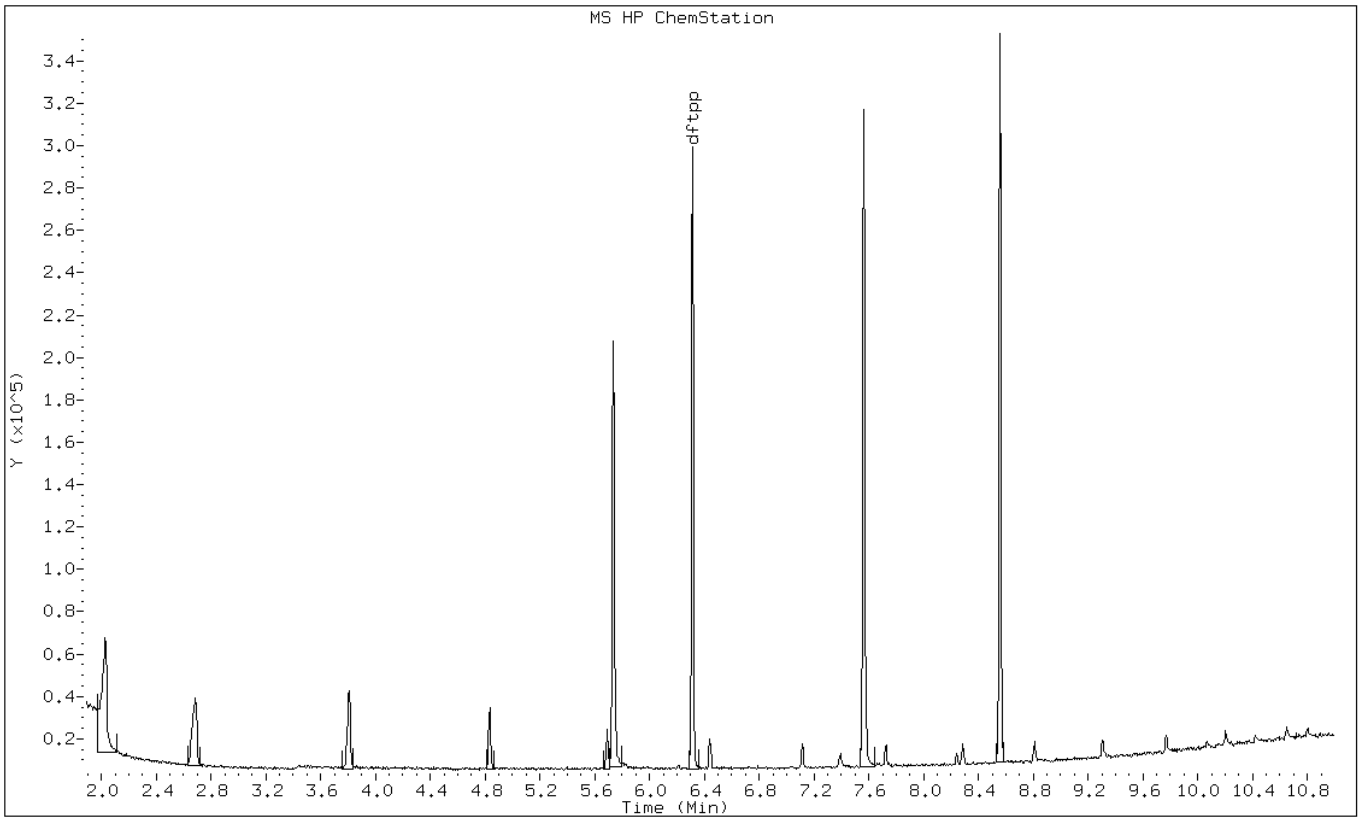
Date: 19-SEP-2013 00:39

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-2358389

Operator: BNAMS3



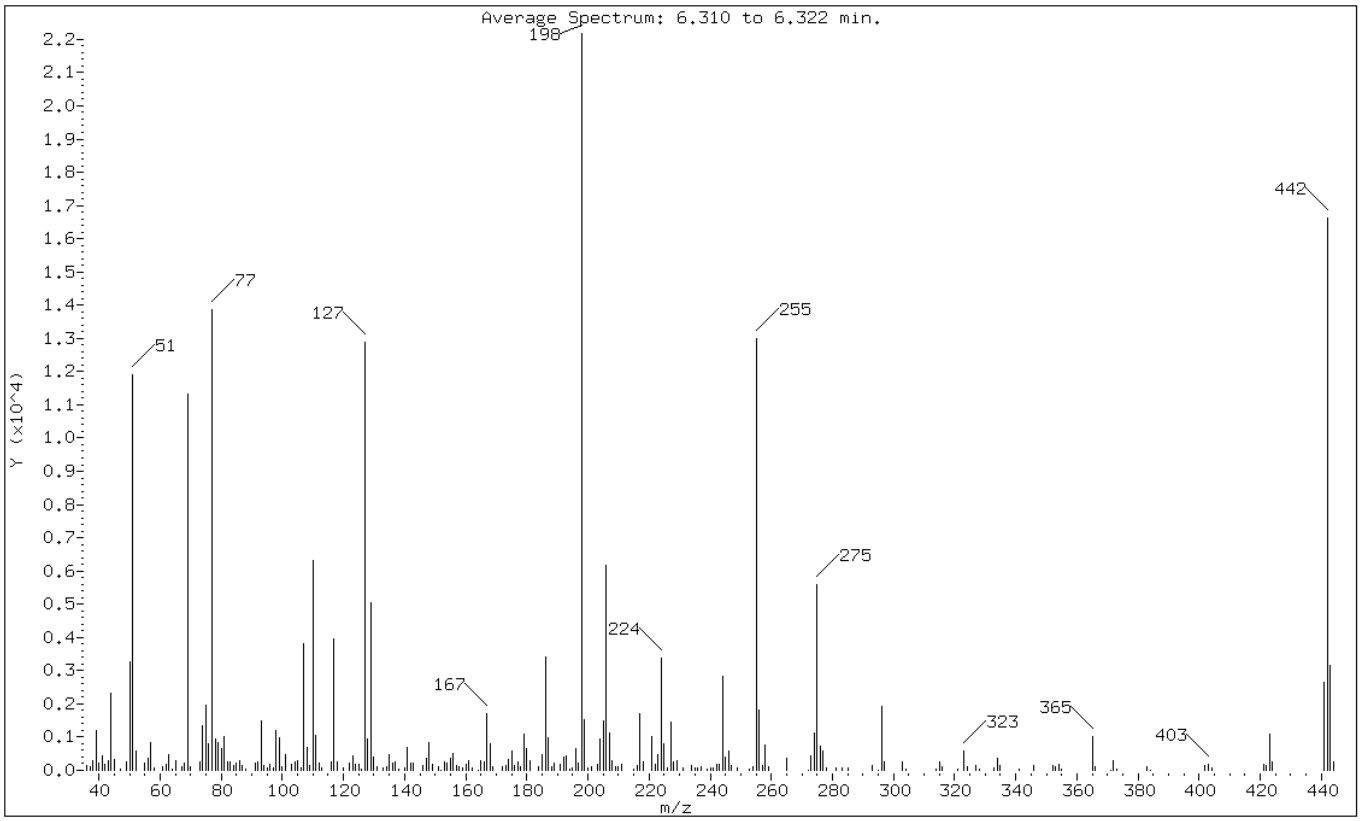
Data File: z2308.d

Date: 19-SEP-2013 00:39

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-2358389 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	53.68
68	Less than 2.00% of mass 69	0.95 (1.86)
69	Mass 69 relative abundance	51.08
70	Less than 2.00% of mass 69	0.46 (0.91)
127	40.00 - 60.00% of mass 198	58.15
197	Less than 1.00% of mass 198	0.92
199	5.00 - 9.00% of mass 198	6.94
275	10.00 - 30.00% of mass 198	25.25
365	Greater than 1.00% of mass 198	4.50
441	0.01 - 100.00% of mass 443	12.00 (84.34)
442	40.00 - 110.00% of mass 198	74.89
443	17.00 - 23.00% of mass 442	14.22 (18.99)

Data File: z2308.d

Date: 19-SEP-2013 00:39

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-2358389 Operator: BNAMS3

Data File: /chem/BNAMS11.i/8270/09-19-13/19sep13.b/z2308.d
Spectrum: Average Spectrum: 6.310 to 6.322 min.
Location of Maximum: 198.00
Number of points: 235

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	140	107.00	3811	178.00	101	254.00	93
37.00	116	108.00	690	179.00	1088	255.00	13008
38.00	277	109.00	133	180.00	651	256.00	1831
39.00	1198	110.00	6310	181.00	287	257.00	140
40.00	229	111.00	1068	184.00	114	258.00	774
41.00	435	112.00	212	185.00	462	259.00	104
42.00	188	113.00	57	186.00	3423	265.00	374
43.00	305	116.00	255	187.00	963	272.00	18
44.00	2313	117.00	3947	188.00	106	273.00	431
45.00	337	118.00	260	189.00	222	274.00	1124
47.00	24	120.00	89	191.00	170	275.00	5601
49.00	252	122.00	225	192.00	390	276.00	739
50.00	3282	123.00	433	193.00	433	277.00	572
51.00	11907	124.00	195	194.00	45	278.00	83
52.00	583	125.00	199	195.00	59	281.00	88
55.00	200	126.00	49	196.00	662	283.00	69
56.00	354	127.00	12900	197.00	205	285.00	59
57.00	818	128.00	936	198.00	22176	293.00	144
58.00	88	129.00	5030	199.00	1539	295.00	17
61.00	105	130.00	412	200.00	87	296.00	1915
62.00	193	131.00	112	201.00	104	297.00	265
63.00	470	133.00	62	203.00	183	303.00	250
64.00	44	134.00	119	204.00	935	304.00	38
65.00	282	135.00	482	205.00	1486	314.00	45
67.00	116	136.00	216	206.00	6187	315.00	248
68.00	211	137.00	258	207.00	1138	316.00	105
69.00	11332	138.00	25	208.00	290	321.00	22
70.00	103	140.00	82	209.00	95	323.00	588
73.00	251	141.00	702	210.00	113	324.00	112
74.00	1355	142.00	204	211.00	198	327.00	160
75.00	1963	143.00	216	215.00	49	328.00	27
76.00	815	146.00	141	216.00	146	333.00	58
77.00	13859	147.00	355	217.00	1697	334.00	373
78.00	950	148.00	846	218.00	262	335.00	129
79.00	852	149.00	177	221.00	1004	341.00	38
80.00	659	151.00	99	222.00	168	346.00	134
81.00	1002	152.00	16	223.00	455	352.00	143
82.00	239	153.00	237	224.00	3390	353.00	124
83.00	268	154.00	221	225.00	803	354.00	168
84.00	143	155.00	360	226.00	83	355.00	40

85.00	205	156.00	521	227.00	1441	365.00	999
86.00	306	157.00	137	228.00	249	366.00	119
87.00	154	158.00	119	229.00	287	371.00	16
88.00	19	159.00	84	231.00	63	372.00	274
91.00	223	160.00	196	234.00	139	373.00	20
92.00	272	161.00	290	235.00	80	383.00	102
93.00	1498	162.00	74	236.00	65	384.00	18
94.00	144	164.00	17	237.00	120	402.00	151
95.00	61	165.00	274	239.00	48	403.00	176
96.00	166	166.00	248	240.00	79	404.00	64
97.00	63	167.00	1688	241.00	78	421.00	175
98.00	1195	168.00	796	242.00	166	422.00	154
99.00	962	169.00	103	243.00	189	423.00	1098
100.00	99	172.00	117	244.00	2821	424.00	258
101.00	464	173.00	157	245.00	398	441.00	2661
103.00	179	174.00	335	246.00	578	442.00	16608
104.00	255	175.00	565	247.00	133	443.00	3155
105.00	304	176.00	154	249.00	57	444.00	254
106.00	88	177.00	264	253.00	54		

Data File: /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2368.d
Report Date: 20-Sep-2013 05:40

TestAmerica

Data file : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2368.d
Lab Smp Id: DFTPP-2358389
Inj Date : 20-SEP-2013 05:27
Operator : BNAMS3 Inst ID: BNAMS11.i
Smp Info : DFTPP-2358389
Misc Info : 25 ppm bna 4807
Comment :
Method : /chem/BNAMS11.i/8270/09-19-13/20sep13.b/BNADFTPP.m
Meth Date : 18-Sep-2013 01:44 asfawa Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
6.281	6.100	0.181	198	18314			0.00- 100.00	100.00
6.281	6.100	0.181	51	9857			30.00- 60.00	53.82
6.281	6.100	0.181	68	165			0.00- 2.00	1.84
6.281	6.100	0.181	69	8966			0.00- 0.00	48.96
6.281	6.100	0.181	70	120			0.00- 2.00	1.34
6.281	6.100	0.181	127	10613			40.00- 60.00	57.95
6.281	6.100	0.181	197	180			0.00- 1.00	0.98
6.281	6.100	0.181	199	1375			5.00- 9.00	7.51
6.281	6.100	0.181	275	4759			10.00- 30.00	25.99
6.281	6.100	0.181	365	819			1.00- 0.00	4.47
6.281	6.100	0.181	441	1830			0.01- 100.00	70.60
6.281	6.100	0.181	442	13322			40.00- 110.00	72.74
6.281	6.100	0.181	443	2592			17.00- 23.00	19.46

Data File: z2368.d

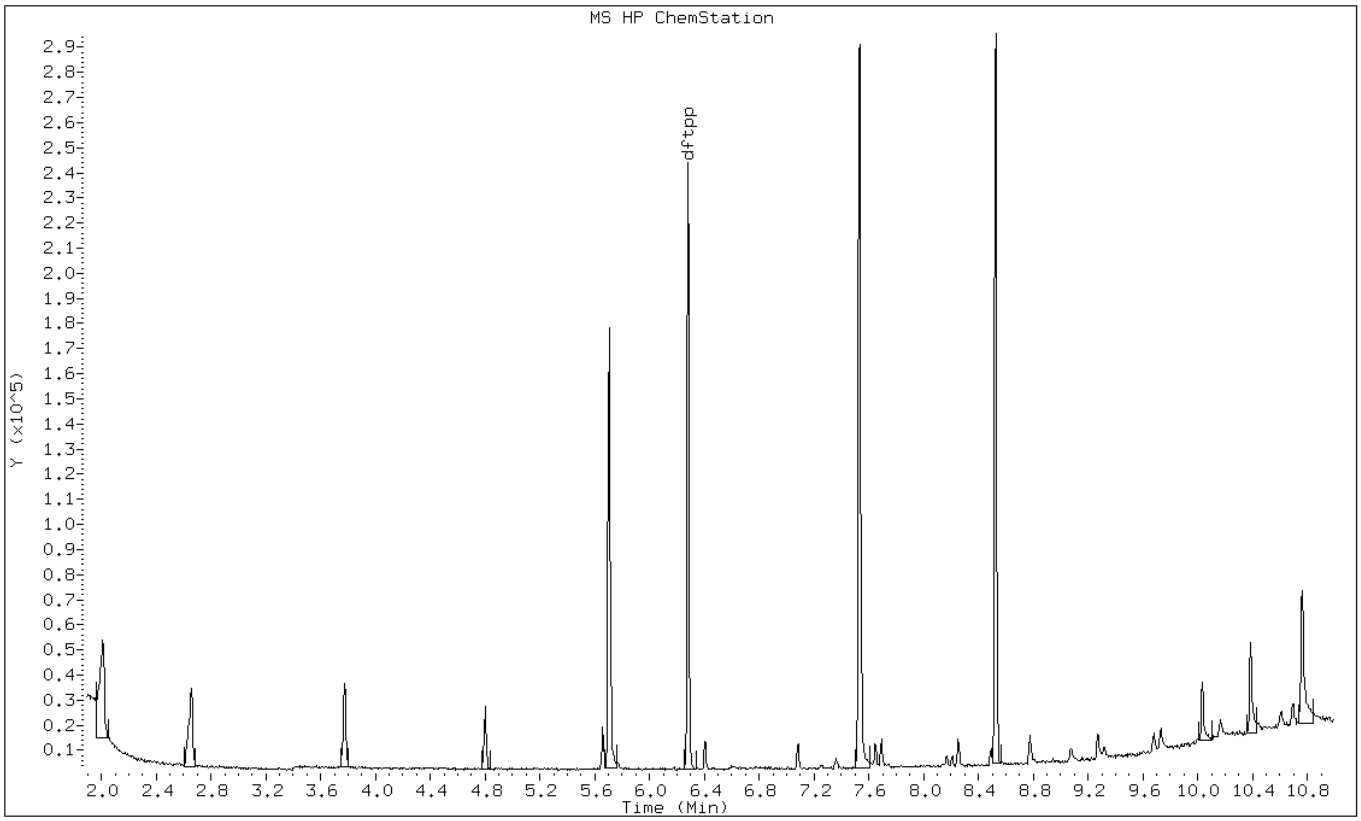
Date: 20-SEP-2013 05:27

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-2358389

Operator: BNAMS3



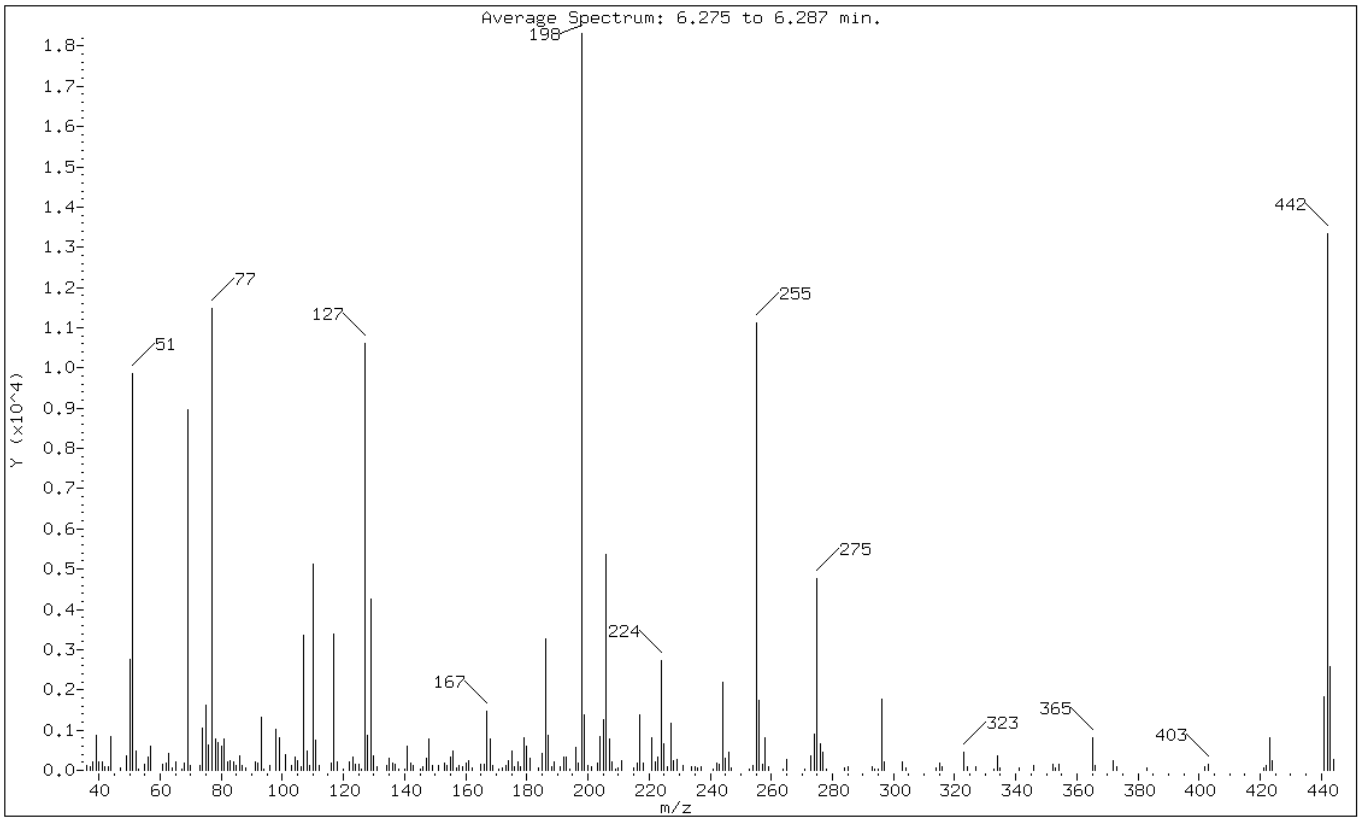
Data File: z2368.d

Date: 20-SEP-2013 05:27

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-2358389 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	53.82
68	Less than 2.00% of mass 69	0.90 (1.84)
69	Mass 69 relative abundance	48.96
70	Less than 2.00% of mass 69	0.66 (1.34)
127	40.00 - 60.00% of mass 198	57.95
197	Less than 1.00% of mass 198	0.98
199	5.00 - 9.00% of mass 198	7.51
275	10.00 - 30.00% of mass 198	25.99
365	Greater than 1.00% of mass 198	4.47
441	0.01 - 100.00% of mass 443	9.99 (70.60)
442	40.00 - 110.00% of mass 198	72.74
443	17.00 - 23.00% of mass 442	14.15 (19.46)

Data File: z2368.d

Date: 20-SEP-2013 05:27

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-2358389 Operator: BNAMS3

Data File: /chem/BNAMS11.i/8270/09-19-13/20sep13.b/z2368.d
Spectrum: Average Spectrum: 6.275 to 6.287 min.
Location of Maximum: 198.00
Number of points: 220

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	112	108.00	483	178.00	93	255.00	11108
37.00	100	109.00	121	179.00	816	256.00	1736
38.00	216	110.00	5128	180.00	586	257.00	150
39.00	867	111.00	759	181.00	296	258.00	823
40.00	221	112.00	116	184.00	74	259.00	104
41.00	214	116.00	184	185.00	411	264.00	17
42.00	81	117.00	3392	186.00	3261	265.00	267
43.00	104	118.00	213	187.00	875	271.00	17
44.00	847	120.00	44	188.00	96	273.00	347
47.00	67	122.00	195	189.00	218	274.00	897
49.00	365	123.00	333	191.00	78	275.00	4759
50.00	2762	124.00	151	192.00	320	276.00	674
51.00	9857	125.00	164	193.00	317	277.00	453
52.00	492	126.00	25	194.00	40	278.00	20
53.00	21	127.00	10613	196.00	581	284.00	48
55.00	144	128.00	870	197.00	180	285.00	75
56.00	344	129.00	4243	198.00	18312	293.00	97
57.00	597	130.00	364	199.00	1375	294.00	16
61.00	138	131.00	88	200.00	133	295.00	18
62.00	166	134.00	133	201.00	89	296.00	1775
63.00	406	135.00	308	203.00	166	297.00	215
64.00	57	136.00	176	204.00	827	303.00	221
65.00	212	137.00	158	205.00	1245	304.00	57
67.00	20	138.00	42	206.00	5369	314.00	60
68.00	165	140.00	41	207.00	794	315.00	187
69.00	8966	141.00	601	208.00	220	316.00	78
70.00	120	142.00	181	209.00	20	323.00	460
73.00	109	143.00	124	210.00	60	324.00	77
74.00	1035	145.00	26	211.00	227	327.00	84
75.00	1604	146.00	96	215.00	62	333.00	17
76.00	618	147.00	304	216.00	185	334.00	354
77.00	11465	148.00	772	217.00	1392	335.00	65
78.00	780	149.00	134	218.00	192	341.00	71
79.00	701	151.00	106	221.00	808	346.00	134
80.00	591	153.00	178	222.00	209	352.00	145
81.00	786	154.00	118	223.00	330	353.00	74
82.00	198	155.00	342	224.00	2731	354.00	141
83.00	227	156.00	490	225.00	645	365.00	819
84.00	197	157.00	73	226.00	79	366.00	132
85.00	134	158.00	120	227.00	1178	372.00	252

86.00	345	159.00	84	228.00	238	373.00	98
87.00	109	160.00	189	229.00	263	383.00	56
88.00	56	161.00	228	231.00	116	402.00	91
91.00	206	162.00	48	234.00	85	403.00	146
92.00	193	165.00	163	235.00	82	421.00	72
93.00	1312	166.00	156	236.00	55	422.00	126
94.00	19	167.00	1459	237.00	95	423.00	802
96.00	111	168.00	774	241.00	20	424.00	234
98.00	1013	169.00	132	242.00	182	441.00	1830
99.00	810	171.00	18	243.00	143	442.00	13322
101.00	387	172.00	62	244.00	2183	443.00	2592
103.00	120	173.00	134	245.00	288	444.00	283
104.00	316	174.00	233	246.00	456		
105.00	235	175.00	480	247.00	70		
106.00	92	176.00	93	253.00	22		
107.00	3351	177.00	212	254.00	114		

Data File: /chem/BNAMS11.i/8270/09-19-13/23sep13a.b/z2474.d
Report Date: 23-Sep-2013 04:07

TestAmerica

Data file : /chem/BNAMS11.i/8270/09-19-13/23sep13a.b/z2474.d
Lab Smp Id: DFTPP-2358389
Inj Date : 23-SEP-2013 03:50
Operator : BNAMS3 Inst ID: BNAMS11.i
Smp Info : DFTPP-2358389
Misc Info : 25 ppm bna 4807
Comment :
Method : /chem/BNAMS11.i/8270/09-19-13/23sep13a.b/BNADFTPP.m
Meth Date : 18-Sep-2013 01:44 asfawa Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
6.251	6.100	0.151	198	15898			0.00- 100.00	100.00
6.251	6.100	0.151	51	8552			30.00- 60.00	53.79
6.251	6.100	0.151	68	144			0.00- 2.00	1.69
6.251	6.100	0.151	69	8523			0.00- 0.00	53.61
6.251	6.100	0.151	70	0			0.00- 2.00	0.00
6.251	6.100	0.151	127	9106			40.00- 60.00	57.28
6.251	6.100	0.151	197	143			0.00- 1.00	0.90
6.251	6.100	0.151	199	1080			5.00- 9.00	6.79
6.251	6.100	0.151	275	4161			10.00- 30.00	26.17
6.251	6.100	0.151	365	658			1.00- 0.00	4.14
6.251	6.100	0.151	441	1706			0.01- 100.00	77.55
6.251	6.100	0.151	442	11049			40.00- 110.00	69.50
6.251	6.100	0.151	443	2200			17.00- 23.00	19.91

Data File: z2474.d

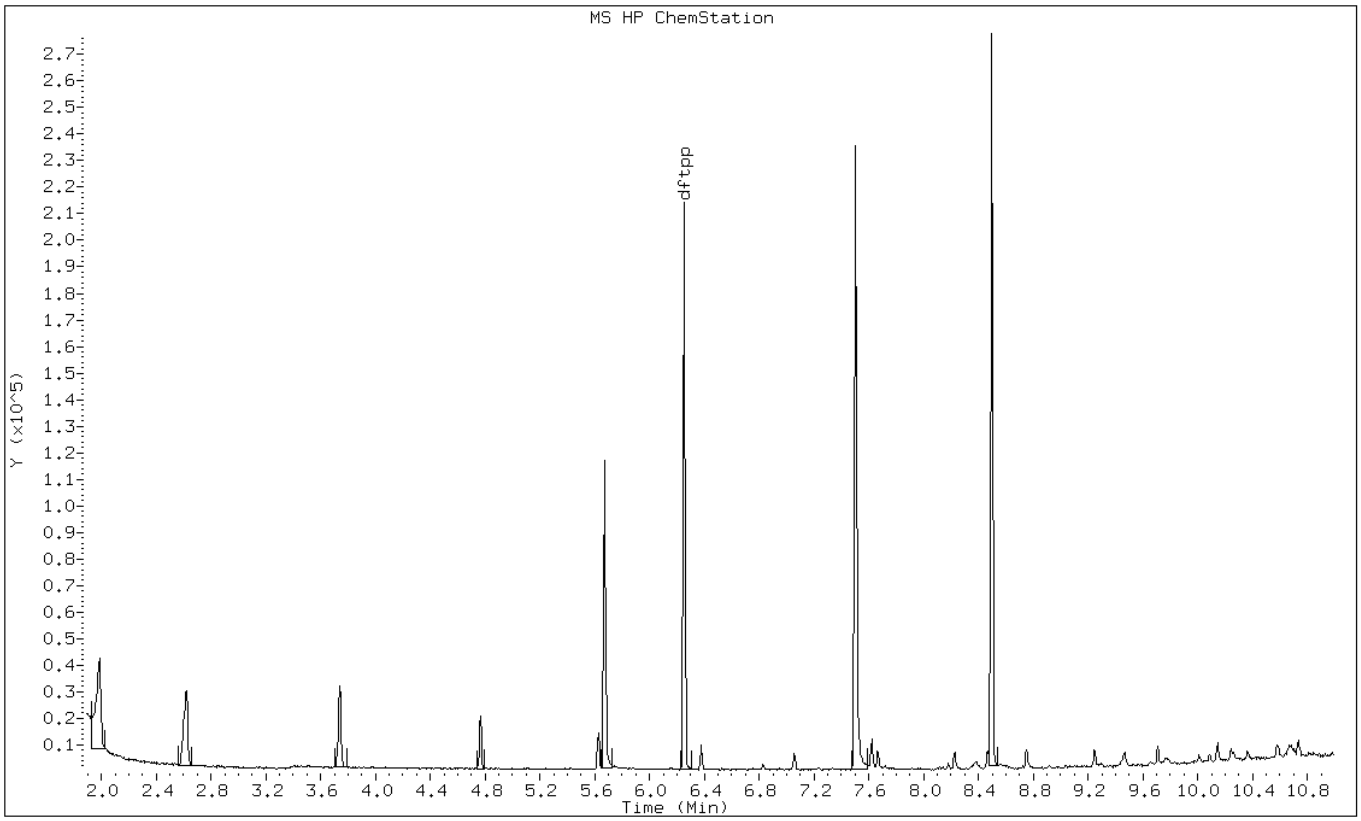
Date: 23-SEP-2013 03:50

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-2358389

Operator: BNAMS3



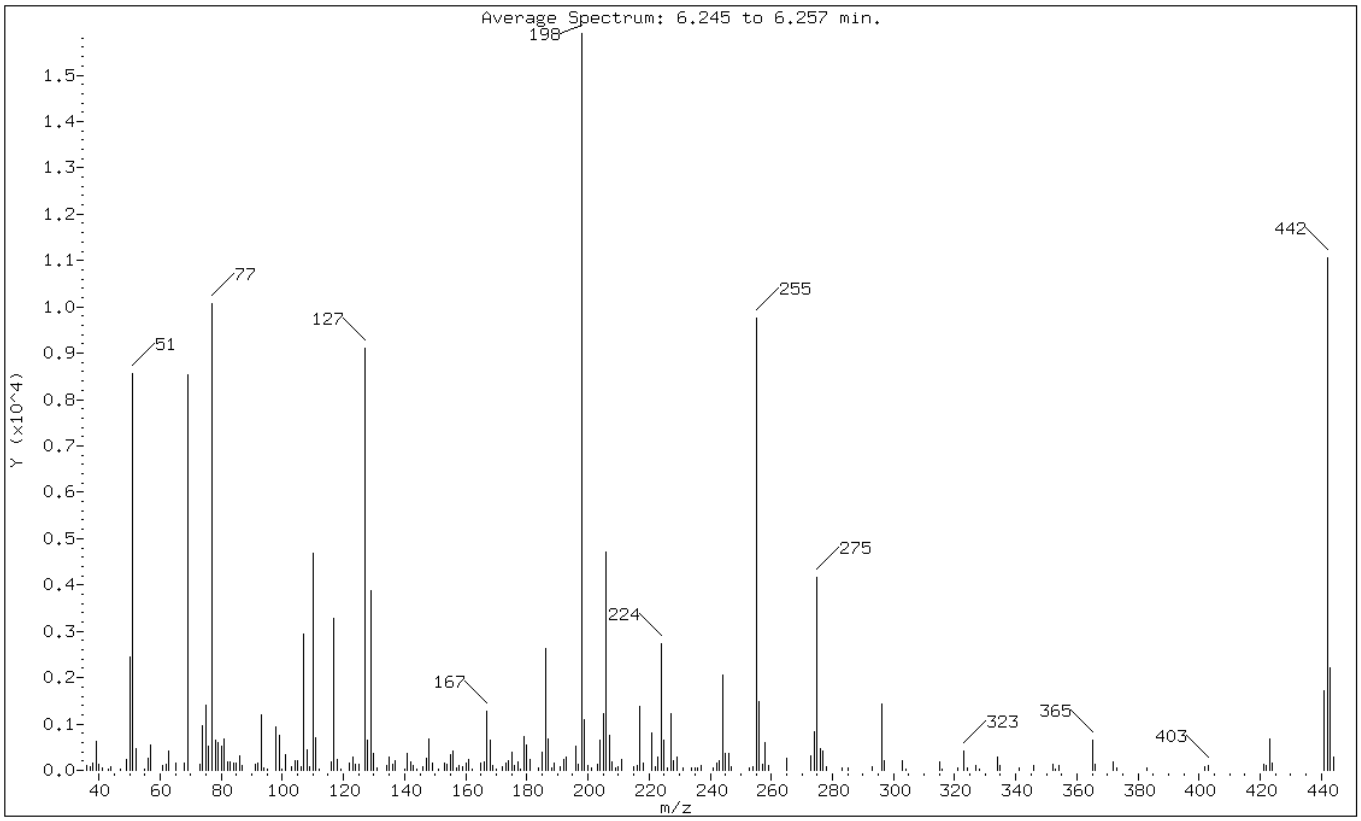
Data File: z2474.d

Date: 23-SEP-2013 03:50

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-2358389 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	53.79
68	Less than 2.00% of mass 69	0.91 (1.69)
69	Mass 69 relative abundance	53.61
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	57.28
197	Less than 1.00% of mass 198	0.90
199	5.00 - 9.00% of mass 198	6.79
275	10.00 - 30.00% of mass 198	26.17
365	Greater than 1.00% of mass 198	4.14
441	0.01 - 100.00% of mass 443	10.73 (77.55)
442	40.00 - 110.00% of mass 198	69.50
443	17.00 - 23.00% of mass 442	13.84 (19.91)

Data File: z2474.d

Date: 23-SEP-2013 03:50

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-2358389 Operator: BNAMS3

Data File: /chem/BNAMS11.i/8270/09-19-13/23sep13a.b/z2474.d
Spectrum: Average Spectrum: 6.245 to 6.257 min.
Location of Maximum: 198.00
Number of points: 208

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	114	110.00	4680	179.00	717	254.00	88
37.00	80	111.00	699	180.00	536	255.00	9748
38.00	161	112.00	26	181.00	228	256.00	1496
39.00	627	116.00	171	184.00	41	257.00	119
40.00	128	117.00	3289	185.00	387	258.00	609
41.00	59	118.00	241	186.00	2636	259.00	111
43.00	21	119.00	21	187.00	689	265.00	262
44.00	91	122.00	161	188.00	61	273.00	302
47.00	17	123.00	279	189.00	156	274.00	829
49.00	242	124.00	140	191.00	70	275.00	4161
50.00	2434	125.00	143	192.00	223	276.00	466
51.00	8552	127.00	9106	193.00	291	277.00	429
52.00	473	128.00	638	196.00	525	278.00	67
55.00	25	129.00	3867	197.00	143	283.00	52
56.00	258	130.00	353	198.00	15898	285.00	57
57.00	554	131.00	53	199.00	1080	293.00	79
61.00	106	134.00	100	200.00	111	296.00	1437
62.00	119	135.00	294	201.00	45	297.00	206
63.00	406	136.00	123	203.00	124	303.00	209
65.00	151	137.00	209	204.00	651	304.00	18
68.00	144	140.00	16	205.00	1229	315.00	172
69.00	8523	141.00	372	206.00	4703	316.00	24
73.00	121	142.00	179	207.00	752	321.00	46
74.00	954	143.00	113	208.00	184	323.00	412
75.00	1412	144.00	23	209.00	41	324.00	60
76.00	528	146.00	90	210.00	90	327.00	114
77.00	10078	147.00	258	211.00	234	328.00	20
78.00	652	148.00	677	215.00	87	334.00	282
79.00	602	149.00	164	216.00	116	335.00	97
80.00	519	151.00	39	217.00	1384	341.00	60
81.00	686	153.00	151	218.00	162	346.00	96
82.00	181	154.00	124	221.00	814	352.00	143
83.00	190	155.00	328	222.00	87	353.00	33
84.00	145	156.00	414	223.00	282	354.00	109
85.00	156	157.00	43	224.00	2720	365.00	658
86.00	301	158.00	96	225.00	645	366.00	140
87.00	96	159.00	69	226.00	63	372.00	190
91.00	135	160.00	155	227.00	1227	373.00	57
92.00	148	161.00	235	228.00	204	383.00	40
93.00	1205	162.00	36	229.00	279	402.00	85

94.00	44	165.00	154	231.00	57	403.00	115
95.00	20	166.00	178	234.00	61	421.00	135
98.00	943	167.00	1266	235.00	58	422.00	94
99.00	743	168.00	648	236.00	62	423.00	685
100.00	22	169.00	112	237.00	110	424.00	146
101.00	342	170.00	22	241.00	51	441.00	1706
103.00	85	172.00	77	242.00	153	442.00	11049
104.00	219	173.00	146	243.00	202	443.00	2200
105.00	208	174.00	215	244.00	2066	444.00	292
106.00	83	175.00	395	245.00	375		
107.00	2950	176.00	94	246.00	374		
108.00	453	177.00	194	247.00	78		
109.00	80	178.00	37	253.00	46		

Data File: /chem/BNAMS5.i/8270/09-10-13/10sep13.b/x5043.d
Report Date: 10-Sep-2013 16:31

TestAmerica

Data file : /chem/BNAMS5.i/8270/09-10-13/10sep13.b/x5043.d
Lab Smp Id: DFTPP-2358389
Inj Date : 10-SEP-2013 16:20
Operator : BNA2 Inst ID: BNAMS5.i
Smp Info : DFTPP-2358389
Misc Info : 25 ppm bna 4807
Comment   :
Method   : /chem/BNAMS5.i/8270/09-10-13/10sep13.b/BNADFTPP.m
Meth Date : 24-Aug-2013 14:52 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

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.945	5.400	-0.455	198	34096			0.00- 100.00	100.00
4.945	5.400	-0.455	51	12204			30.00- 60.00	35.79
4.945	5.400	-0.455	68	230			0.00- 2.00	1.48
4.945	5.400	-0.455	69	15508			0.00- 0.00	45.48
4.945	5.400	-0.455	70	0			0.00- 2.00	0.00
4.945	5.400	-0.455	127	17804			40.00- 60.00	52.22
4.945	5.400	-0.455	197	143			0.00- 1.00	0.42
4.945	5.400	-0.455	199	2265			5.00- 9.00	6.64
4.945	5.400	-0.455	275	9654			10.00- 30.00	28.31
4.945	5.400	-0.455	365	1143			1.00- 0.00	3.35
4.945	5.400	-0.455	441	4081			0.01- 100.00	74.99
4.945	5.400	-0.455	442	27438			40.00- 110.00	80.47
4.945	5.400	-0.455	443	5442			17.00- 23.00	19.83

Data File: x5043.d

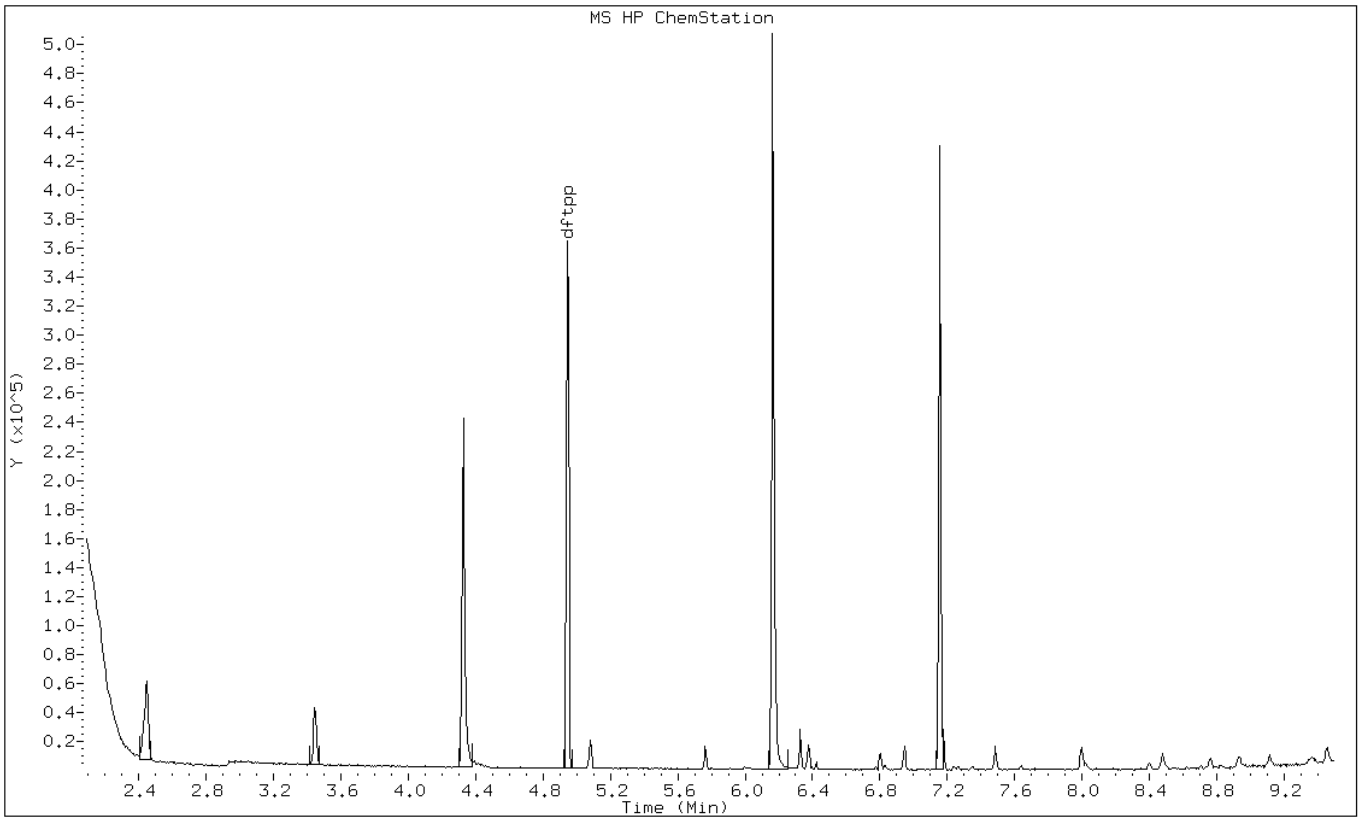
Date: 10-SEP-2013 16:20

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-2358389

Operator: BNA2



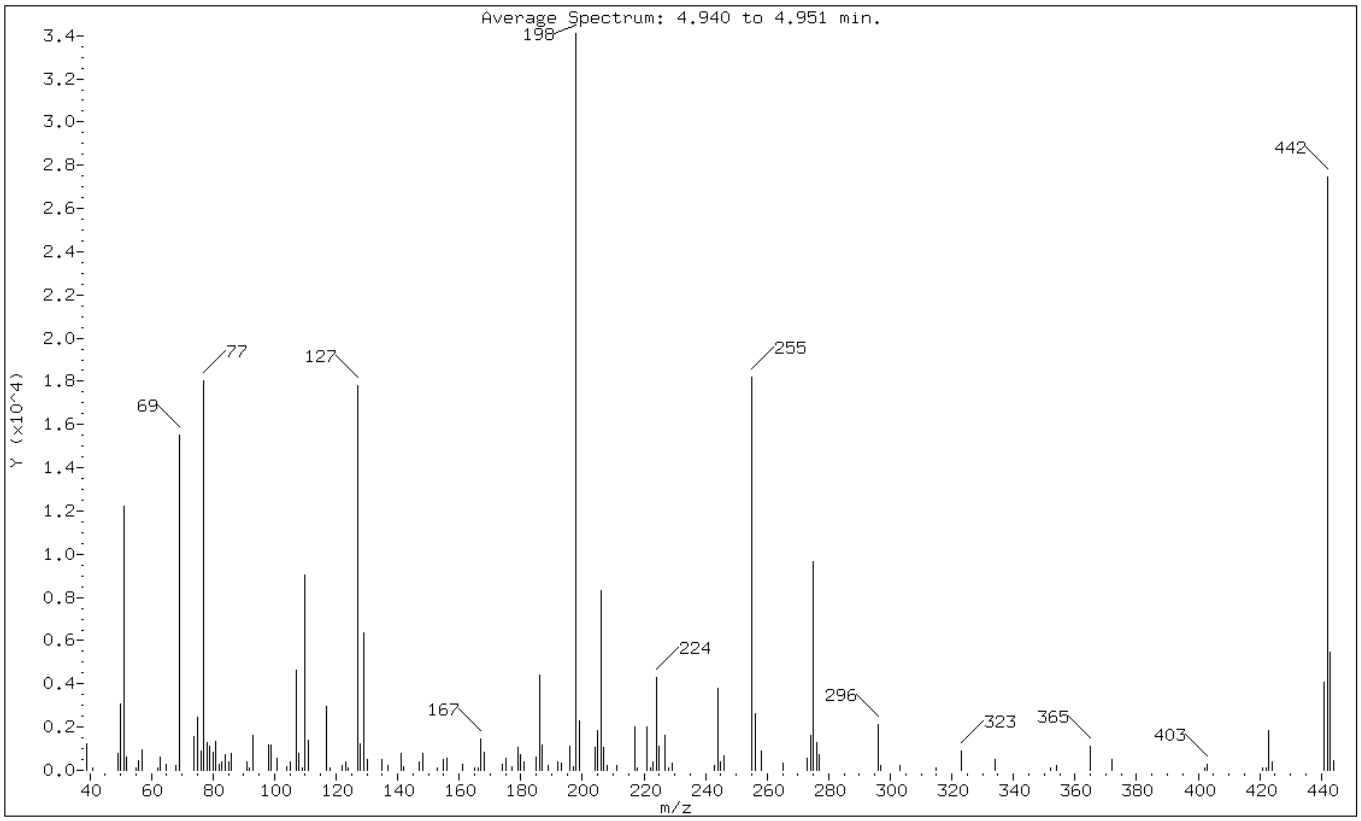
Data File: x5043.d

Date: 10-SEP-2013 16:20

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-2358389 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	35.79
68	Less than 2.00% of mass 69	0.67 (1.48)
69	Mass 69 relative abundance	45.48
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	52.22
197	Less than 1.00% of mass 198	0.42
199	5.00 - 9.00% of mass 198	6.64
275	10.00 - 30.00% of mass 198	28.31
365	Greater than 1.00% of mass 198	3.35
441	0.01 - 100.00% of mass 443	11.97 (74.99)
442	40.00 - 110.00% of mass 198	80.47
443	17.00 - 23.00% of mass 442	15.96 (19.83)

Data File: x5043.d

Date: 10-SEP-2013 16:20

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-2358389 Operator: BNA2

Data File: /chem/BNAMS5.i/8270/09-10-13/10sep13.b/x5043.d
Spectrum: Average Spectrum: 4.940 to 4.951 min.
Location of Maximum: 198.00
Number of points: 128

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1249	104.00	163	179.00	1064	255.00	18176
41.00	105	105.00	418	180.00	716	256.00	2618
49.00	800	107.00	4622	181.00	406	258.00	911
50.00	3092	108.00	788	185.00	595	265.00	334
51.00	12204	109.00	100	186.00	4410	273.00	540
52.00	641	110.00	9026	187.00	1154	274.00	1599
55.00	103	111.00	1402	189.00	215	275.00	9654
56.00	471	117.00	2959	192.00	385	276.00	1276
57.00	976	118.00	120	193.00	314	277.00	698
62.00	110	122.00	250	196.00	1134	296.00	2129
63.00	639	123.00	411	197.00	143	297.00	246
65.00	258	124.00	114	198.00	34096	303.00	230
68.00	230	127.00	17800	199.00	2265	315.00	104
69.00	15508	128.00	1241	204.00	1075	323.00	891
74.00	1545	129.00	6358	205.00	1859	334.00	482
75.00	2428	130.00	498	206.00	8315	352.00	103
76.00	904	135.00	515	207.00	1073	354.00	231
77.00	18016	137.00	240	208.00	216	365.00	1143
78.00	1271	141.00	797	211.00	221	372.00	491
79.00	1092	142.00	150	217.00	2022	402.00	100
80.00	854	147.00	411	218.00	137	403.00	280
81.00	1323	148.00	799	221.00	1997	421.00	102
82.00	267	153.00	108	222.00	106	422.00	127
83.00	387	155.00	489	223.00	364	423.00	1850
84.00	745	156.00	560	224.00	4322	424.00	366
85.00	372	161.00	270	225.00	1123	441.00	4081
86.00	757	165.00	117	227.00	1638	442.00	27432
91.00	370	166.00	104	228.00	110	443.00	5442
92.00	135	167.00	1452	229.00	318	444.00	425
93.00	1609	168.00	823	243.00	236		
98.00	1196	174.00	273	244.00	3799		
99.00	1154	175.00	575	245.00	401		
101.00	554	177.00	150	246.00	643		

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13.b/x5330.d
Report Date: 18-Sep-2013 05:22

TestAmerica

Data file : /chem/BNAMS5.i/8270/09-10-13/18sep13.b/x5330.d
Lab Smp Id: DFTPP-2358389
Inj Date : 18-SEP-2013 05:15
Operator : BNAMS3 Inst ID: BNAMS5.i
Smp Info : DFTPP-2358389
Misc Info :
Comment :
Method : /chem/BNAMS5.i/8270/09-10-13/18sep13.b/BNADFTPP.m
Meth Date : 15-Sep-2013 08:58 ranav Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 28 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 #:		
4.651	4.887	-0.236	198	40304			0.00- 100.00	100.00
4.651	4.887	-0.236	51	15032			30.00- 60.00	37.30
4.651	4.887	-0.236	68	102			0.00- 2.00	0.54
4.651	4.887	-0.236	69	19032			0.00- 0.00	47.22
4.651	4.887	-0.236	70	0			0.00- 2.00	0.00
4.651	4.887	-0.236	127	21013			40.00- 60.00	52.14
4.651	4.887	-0.236	197	0			0.00- 1.00	0.00
4.651	4.887	-0.236	199	2609			5.00- 9.00	6.47
4.651	4.887	-0.236	275	11004			10.00- 30.00	27.30
4.651	4.887	-0.236	365	1539			1.00- 0.00	3.82
4.651	4.887	-0.236	441	4331			0.01- 100.00	75.36
4.651	4.887	-0.236	442	29108			40.00- 110.00	72.22
4.651	4.887	-0.236	443	5747			17.00- 23.00	19.74

Data File: x5330.d

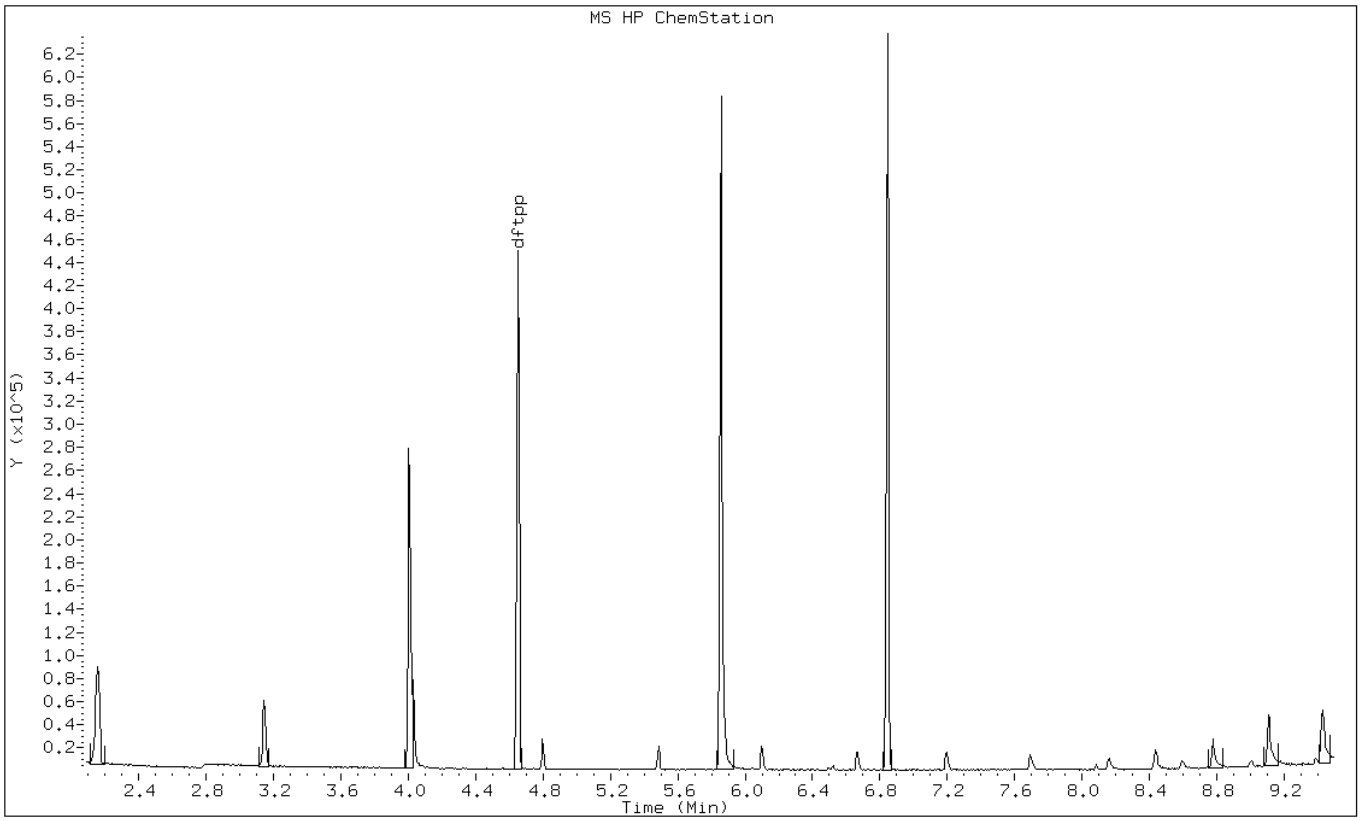
Date: 18-SEP-2013 05:15

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-2358389

Operator: BNAMS3



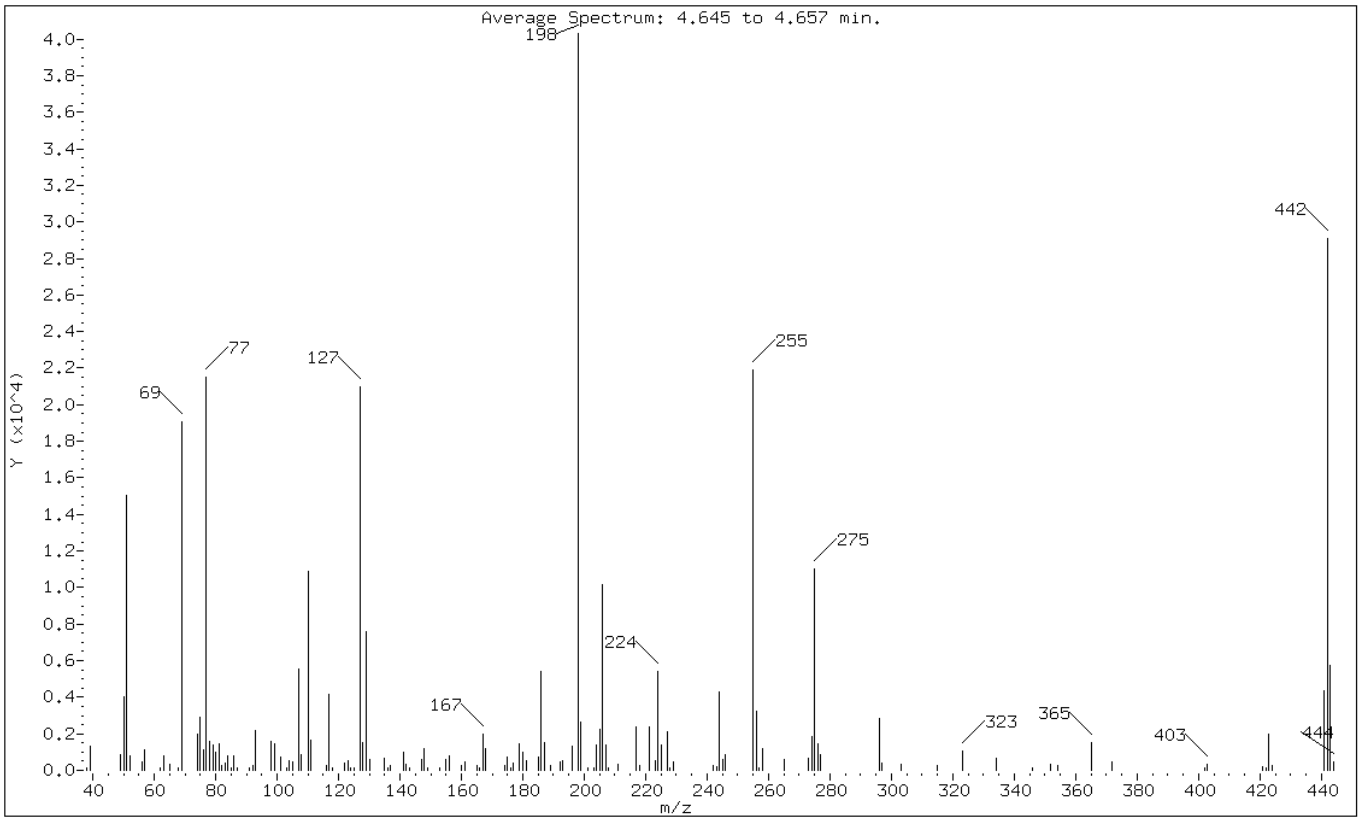
Data File: x5330.d

Date: 18-SEP-2013 05:15

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-2358389 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	37.30
68	Less than 2.00% of mass 69	0.25 (0.54)
69	Mass 69 relative abundance	47.22
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	52.14
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.47
275	10.00 - 30.00% of mass 198	27.30
365	Greater than 1.00% of mass 198	3.82
441	0.01 - 100.00% of mass 443	10.75 (75.36)
442	40.00 - 110.00% of mass 198	72.22
443	17.00 - 23.00% of mass 442	14.26 (19.74)

Data File: x5330.d

Date: 18-SEP-2013 05:15

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-2358389 Operator: BNAMS3

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13.b/x5330.d
Spectrum: Average Spectrum: 4.645 to 4.657 min.
Location of Maximum: 198.00
Number of points: 138

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	104	105.00	473	175.00	708	245.00	618
39.00	1321	107.00	5538	176.00	133	246.00	867
49.00	837	108.00	865	177.00	398	255.00	21888
50.00	4021	110.00	10912	179.00	1455	256.00	3233
51.00	15032	111.00	1639	180.00	982	257.00	134
52.00	775	116.00	254	181.00	505	258.00	1173
56.00	485	117.00	4144	185.00	698	265.00	561
57.00	1104	118.00	143	186.00	5403	273.00	687
62.00	117	122.00	391	187.00	1501	274.00	1862
63.00	793	123.00	524	189.00	270	275.00	11004
65.00	322	124.00	130	192.00	457	276.00	1479
68.00	102	125.00	102	193.00	507	277.00	837
69.00	19032	127.00	21008	196.00	1318	296.00	2819
74.00	1992	128.00	1527	198.00	40304	297.00	383
75.00	2918	129.00	7585	199.00	2609	303.00	310
76.00	1102	130.00	614	201.00	112	315.00	255
77.00	21528	135.00	686	203.00	105	323.00	1053
78.00	1555	136.00	116	204.00	1411	334.00	660
79.00	1386	137.00	279	205.00	2230	346.00	110
80.00	1017	141.00	983	206.00	10186	352.00	335
81.00	1471	142.00	348	207.00	1376	354.00	270
82.00	286	143.00	119	208.00	153	365.00	1539
83.00	374	147.00	577	211.00	347	372.00	435
84.00	787	148.00	1159	217.00	2360	402.00	128
85.00	134	149.00	111	218.00	259	403.00	326
86.00	807	153.00	155	221.00	2351	421.00	211
87.00	109	155.00	591	223.00	546	422.00	113
91.00	119	156.00	813	224.00	5440	423.00	2000
92.00	255	160.00	251	225.00	1373	424.00	295
93.00	2158	161.00	450	227.00	2087	441.00	4331
98.00	1590	165.00	274	228.00	157	442.00	29104
99.00	1477	166.00	114	229.00	477	443.00	5747
101.00	721	167.00	1962	242.00	269	444.00	433
103.00	142	168.00	1214	243.00	210		
104.00	498	174.00	292	244.00	4316		

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5360.d
Report Date: 18-Sep-2013 18:48

TestAmerica

Data file : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5360.d
Lab Smp Id: DFTPP-2358389
Inj Date : 18-SEP-2013 18:31
Operator : BNA2 Inst ID: BNAMS5.i
Smp Info : DFTPP-2358389
Misc Info : 25 ppm bna 4807
Comment :
Method : /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/BNADFTPP.m
Meth Date : 15-Sep-2013 08:58 ranav 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
Processing Host: hpd1

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.622	4.887	-0.265	198	45992			0.00- 100.00	100.00
4.622	4.887	-0.265	51	18584			30.00- 60.00	40.41
4.622	4.887	-0.265	68	339			0.00- 2.00	1.46
4.622	4.887	-0.265	69	23169			0.00- 0.00	50.38
4.622	4.887	-0.265	70	0			0.00- 2.00	0.00
4.622	4.887	-0.265	127	25698			40.00- 60.00	55.87
4.622	4.887	-0.265	197	121			0.00- 1.00	0.26
4.622	4.887	-0.265	199	3038			5.00- 9.00	6.61
4.622	4.887	-0.265	275	12429			10.00- 30.00	27.02
4.622	4.887	-0.265	365	1832			1.00- 0.00	3.98
4.622	4.887	-0.265	441	4431			0.01- 100.00	72.28
4.622	4.887	-0.265	442	32136			40.00- 110.00	69.87
4.622	4.887	-0.265	443	6130			17.00- 23.00	19.08

Data File: x5360.d

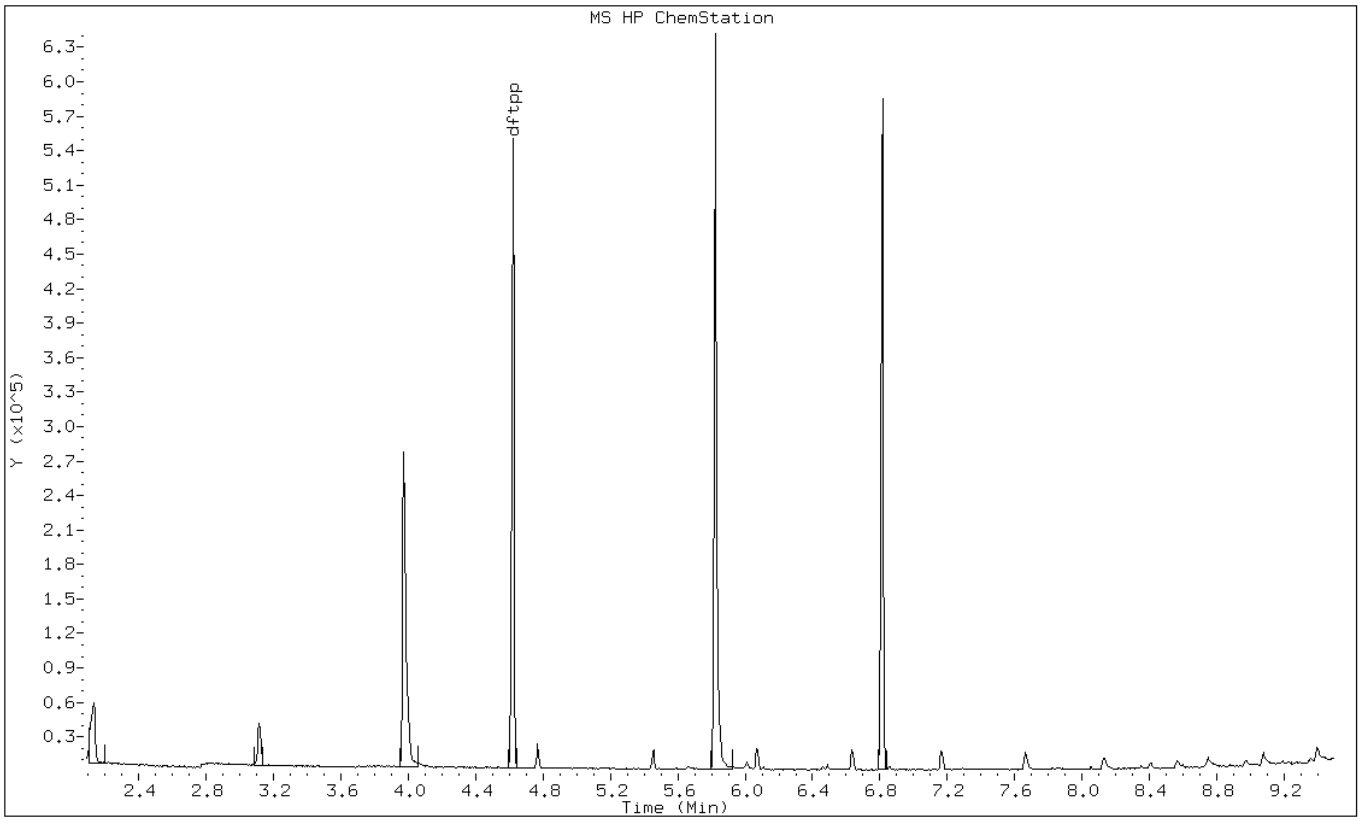
Date: 18-SEP-2013 18:31

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-2358389

Operator: BNA2



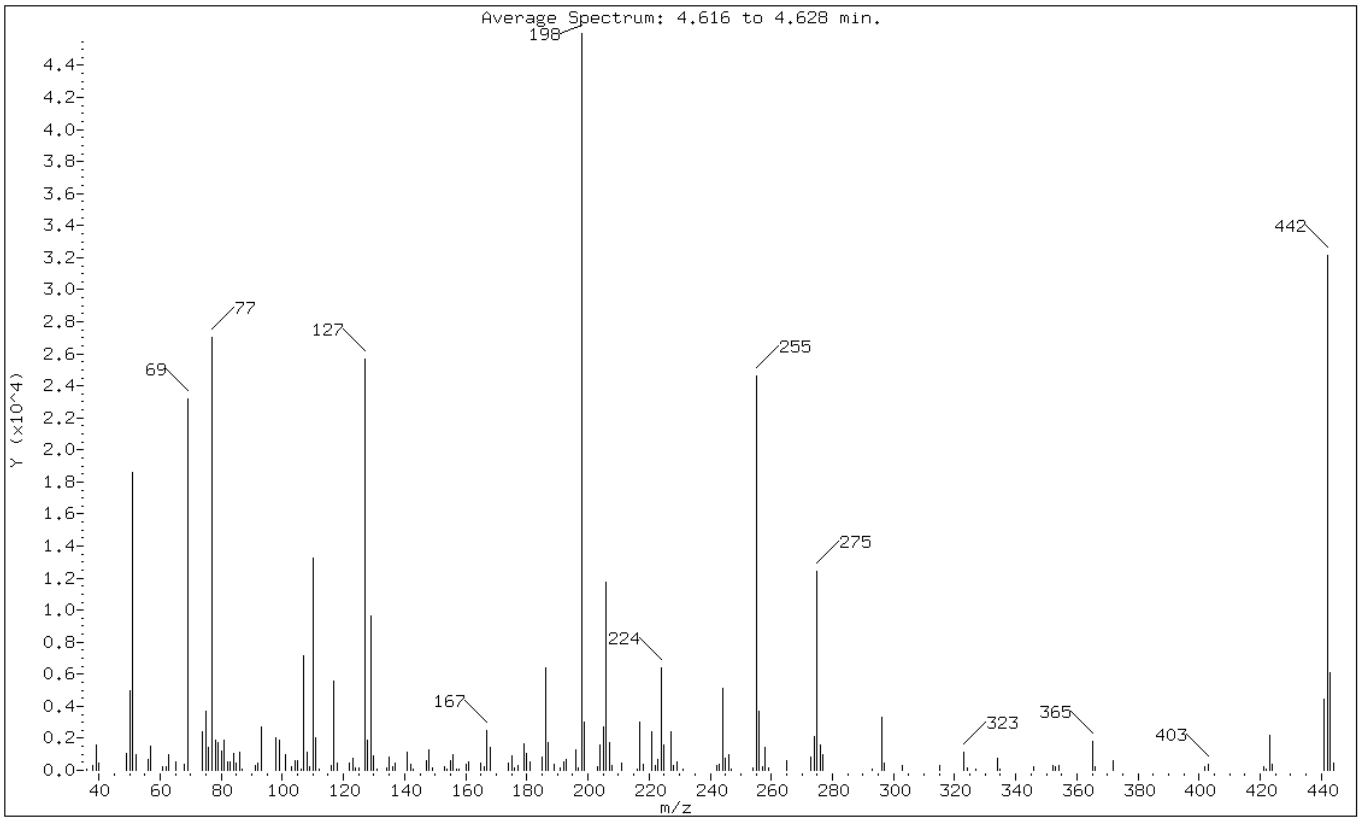
Data File: x5360.d

Date: 18-SEP-2013 18:31

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-2358389 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	40.41
68	Less than 2.00% of mass 69	0.74 (1.46)
69	Mass 69 relative abundance	50.38
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	55.87
197	Less than 1.00% of mass 198	0.26
199	5.00 - 9.00% of mass 198	6.61
275	10.00 - 30.00% of mass 198	27.02
365	Greater than 1.00% of mass 198	3.98
441	0.01 - 100.00% of mass 443	9.63 (72.28)
442	40.00 - 110.00% of mass 198	69.87
443	17.00 - 23.00% of mass 442	13.33 (19.08)

Data File: x5360.d

Date: 18-SEP-2013 18:31

Client ID: Instrument: BNAMS5.i

Sample Info: DFTPP-2358389 Operator: BNA2

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13a.b/x5360.d
Spectrum: Average Spectrum: 4.616 to 4.628 min.
Location of Maximum: 198.00
Number of points: 162

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	104	108.00	1108	176.00	141	254.00	139
38.00	317	109.00	220	177.00	276	255.00	24624
39.00	1594	110.00	13229	179.00	1680	256.00	3661
40.00	460	111.00	2026	180.00	1083	257.00	243
49.00	1091	112.00	111	181.00	529	258.00	1448
50.00	4958	116.00	316	185.00	795	259.00	114
51.00	18584	117.00	5567	186.00	6409	265.00	606
52.00	943	118.00	489	187.00	1714	273.00	807
56.00	640	122.00	465	189.00	405	274.00	2092
57.00	1470	123.00	732	191.00	118	275.00	12429
61.00	234	124.00	139	192.00	553	276.00	1608
62.00	254	125.00	158	193.00	647	277.00	942
63.00	981	127.00	25696	196.00	1273	293.00	108
65.00	495	128.00	1883	197.00	121	296.00	3341
68.00	339	129.00	9605	198.00	45992	297.00	470
69.00	23168	130.00	879	199.00	3038	303.00	291
74.00	2375	131.00	104	203.00	246	315.00	280
75.00	3686	134.00	132	204.00	1574	323.00	1131
76.00	1442	135.00	801	205.00	2681	324.00	113
77.00	27016	136.00	252	206.00	11763	327.00	102
78.00	1900	137.00	457	207.00	1722	334.00	775
79.00	1719	141.00	1162	208.00	298	335.00	105
80.00	1208	142.00	358	211.00	470	346.00	225
81.00	1852	143.00	111	216.00	101	352.00	329
82.00	532	147.00	597	217.00	3014	353.00	216
83.00	505	148.00	1312	218.00	370	354.00	335
84.00	1060	149.00	133	221.00	2442	365.00	1832
85.00	464	153.00	262	222.00	336	366.00	210
86.00	1136	154.00	112	223.00	698	372.00	634
87.00	103	155.00	613	224.00	6405	402.00	209
91.00	314	156.00	957	225.00	1557	403.00	367
92.00	445	157.00	110	227.00	2402	421.00	228
93.00	2685	158.00	103	228.00	268	422.00	112
98.00	2067	160.00	377	229.00	560	423.00	2157
99.00	1879	161.00	544	231.00	104	424.00	376
101.00	960	165.00	438	242.00	291	441.00	4431
103.00	240	166.00	249	243.00	376	442.00	32136
104.00	623	167.00	2516	244.00	5092	443.00	6130
105.00	623	168.00	1423	245.00	746	444.00	448
106.00	101	174.00	465	246.00	941		

107.00 7156	175.00 887	247.00 106	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112632.D		
Lims ID:	DFTPP	Client ID:	
Inject. Date:	16-Sep-2013 14:35:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	460-0004673-001		
Misc. Info.:	DFTPP		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	181568	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\8270_12.m		
Last Update:	18-Sep-2013 15:40:31	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK035		
First Level Reviewer: croccom		Date:	16-Sep-2013 14:53:27

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	3.352	3.352	0.0	94	345375	0	7
89 Benzidine_T	184	5.140	5.140	0.0	99	2123685	0	7
120 DFTPP								
115 4,4'-DDE	246	5.381	5.381	0.0	14	1482	0	7
114 4,4'-DDD	235	5.787	5.787	0.0	83	20293	0	7
116 4,4'-DDT	235	6.110	6.110	0.0	99	1111409	0	7

QC Flag Legend

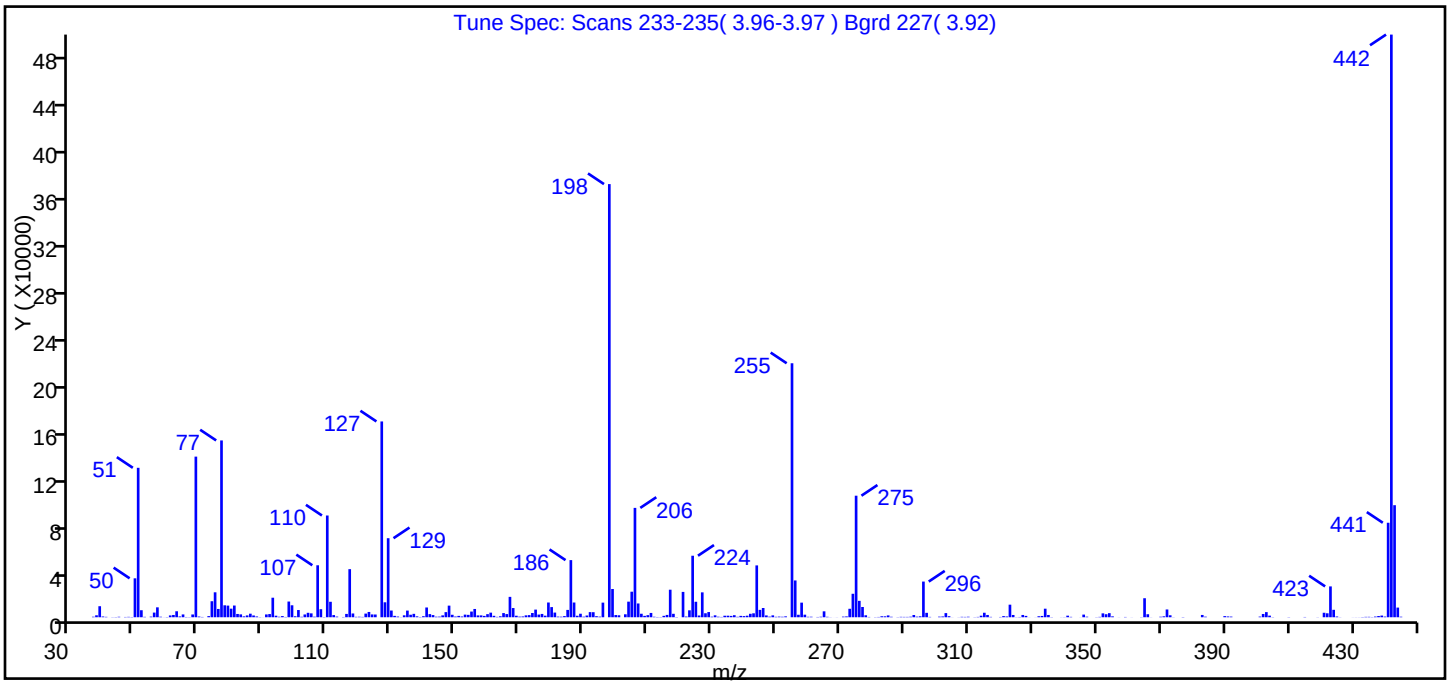
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112632.D		
Injection Date:	16-Sep-2013 14:35:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	181568	Lims Sample ID:	1
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Tune Method:	DFTPP Method 8270		

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	34.50
68	Less than 2.00% of mass 69	0.64 (1.73)
69	Present	37.08
70	Less than 2.00% of mass 69	0.17 (0.45)
127	40.00 - 60.00% of mass 198	45.21
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.52
275	10.00 - 30.00% of mass 198	28.06
365	Greater than 1.00% of mass 198	4.39
441	Present, but less than mass 443%	21.82 (84.33)
442	Greater than 40.00% of mass 198	134.52
443	17.00 - 23.00% of mass 442	25.87 (19.23)

Data File: \\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112632.D\8270_12.rslt\spectra.d
Injection Date: 16-Sep-2013 14:35:30
Spectrum: Tune Spec: Scans 233-235(3.96-3.97) Bgrd 227(3.92)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 342

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	450	128.00	12656	216.00	1974	310.00	443
38.00	1662	129.00	66864	217.00	23296	312.00	135
39.00	9342	130.00	5684	218.00	2926	313.00	295
40.00	653	131.00	1182	219.00	209	314.00	1320
41.00	350	132.00	601	221.00	21440	315.00	3814
42.00	17	133.00	102	222.00	585	316.00	1942
43.00	129	134.00	1637	223.00	5870	317.00	323
44.00	178	135.00	5645	224.00	52040	320.00	243
45.00	406	136.00	2133	225.00	13107	321.00	969
47.00	252	137.00	2887	226.00	1480	322.00	655
48.00	342	138.00	764	227.00	21056	323.00	10646
49.00	213	139.00	236	228.00	3382	324.00	1933
50.00	32936	140.00	882	229.00	4385	325.00	117
51.00	126416	141.00	8265	230.00	483	326.00	238
52.00	5948	142.00	2653	231.00	1631	327.00	1936
53.00	349	143.00	1841	232.00	468	328.00	1152
55.00	539	144.00	471	233.00	265	329.00	61
56.00	3947	145.00	542	234.00	1296	331.00	57
57.00	8389	146.00	1598	235.00	1314	332.00	850
58.00	442	147.00	4348	236.00	1147	333.00	1103
59.00	57	148.00	9833	237.00	1739	334.00	7241
60.00	187	149.00	2099	238.00	379	335.00	1932
61.00	1535	150.00	595	239.00	1168	336.00	165
62.00	1927	151.00	1160	240.00	974	339.00	74
63.00	5071	152.00	638	241.00	1314	340.00	121
64.00	686	153.00	2227	242.00	2924	341.00	1341
65.00	2386	154.00	2030	243.00	3337	342.00	338
66.00	234	155.00	4821	244.00	43864	345.00	56
67.00	165	156.00	7012	245.00	6244	346.00	2249
68.00	2357	157.00	1565	246.00	7831	347.00	491
69.00	135872	158.00	1579	247.00	1555	350.00	140
70.00	605	159.00	1151	248.00	531	351.00	326
71.00	261	160.00	2618	249.00	1602	352.00	3295

Report Date: 18-Sep-2013 15:40:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112632.D\8270_12.rslt\spectra.d
Injection Date: 16-Sep-2013 14:35:30
Spectrum: Tune Spec: Scans 233-235(3.96-3.97) Bgrd 227(3.92)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 342

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	963	161.00	3890	250.00	383	353.00	2561
74.00	13559	162.00	1224	251.00	556	354.00	3463
75.00	21112	163.00	335	252.00	426	355.00	760
76.00	7010	164.00	822	253.00	757	357.00	57
77.00	149568	165.00	3535	255.00	214848	359.00	255
78.00	10111	166.00	2690	256.00	31128	361.00	58
79.00	9848	167.00	17248	257.00	2104	364.00	149
80.00	7280	168.00	7789	258.00	12364	365.00	16096
81.00	9917	169.00	1286	259.00	2177	366.00	2549
82.00	2784	170.00	541	260.00	395	367.00	74
83.00	2437	171.00	687	261.00	438	370.00	454
84.00	761	172.00	1608	263.00	241	371.00	789
85.00	1562	173.00	1809	264.00	430	372.00	6586
86.00	3007	174.00	3593	265.00	5018	373.00	1664
87.00	1510	175.00	6471	266.00	388	374.00	112
88.00	677	176.00	2264	267.00	91	377.00	198
89.00	156	177.00	2816	268.00	17	383.00	1941
90.00	54	178.00	1339	269.00	67	384.00	496
91.00	2387	179.00	12477	270.00	3	390.00	958
92.00	2710	180.00	8590	271.00	544	391.00	678
93.00	16528	181.00	3959	272.00	701	392.00	563
94.00	1306	182.00	558	273.00	7168	401.00	567
95.00	437	183.00	476	274.00	19864	402.00	2770
96.00	990	184.00	982	275.00	102816	403.00	4345
97.00	253	185.00	6212	276.00	13878	404.00	1372
98.00	13296	186.00	48336	277.00	8679	405.00	159
99.00	10128	187.00	12472	278.00	1669	410.00	162
100.00	834	188.00	1276	279.00	274	415.00	238
101.00	6109	189.00	2977	281.00	152	419.00	99
102.00	390	190.00	482	282.00	257	421.00	3802
103.00	2362	191.00	1483	283.00	840	422.00	3357
104.00	3767	192.00	4345	284.00	783	423.00	26096
105.00	3288	193.00	4282	285.00	1555	424.00	6301
106.00	471	194.00	896	286.00	408	425.00	633

Report Date: 18-Sep-2013 15:40:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112632.D\8270_12.rslt\spectra.d
Injection Date: 16-Sep-2013 14:35:30
Spectrum: Tune Spec: Scans 233-235(3.96-3.97) Bgrd 227(3.92)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 342

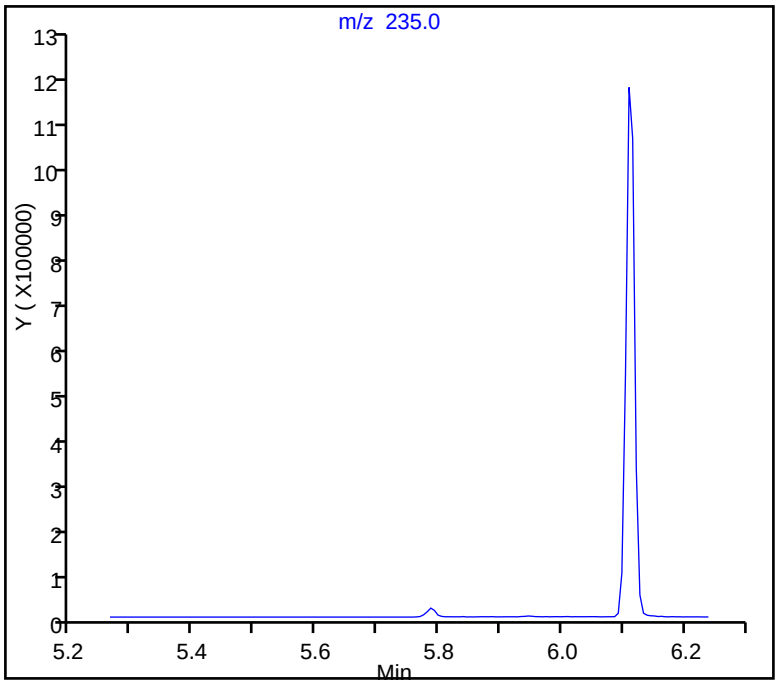
m/z	Y	m/z	Y	m/z	Y	m/z	Y
107.00	43968	195.00	521	288.00	144	426.00	97
108.00	6810	196.00	12372	289.00	350	430.00	54
109.00	209	198.00	366400	290.00	306	431.00	74
110.00	86072	199.00	23896	291.00	306	432.00	72
111.00	13089	200.00	1861	292.00	459	433.00	200
112.00	1839	201.00	1668	293.00	1902	434.00	336
113.00	566	203.00	2512	294.00	518	435.00	364
115.00	232	204.00	13196	295.00	772	436.00	177
116.00	2820	205.00	21616	296.00	30192	437.00	579
117.00	40688	206.00	92512	297.00	3740	438.00	1035
118.00	3201	207.00	11653	298.00	305	439.00	1419
119.00	369	208.00	2969	301.00	525	440.00	572
120.00	441	209.00	1186	302.00	668	441.00	79936
121.00	300	210.00	1783	303.00	3509	442.00	492864
122.00	3086	211.00	3646	304.00	880	443.00	94784
123.00	4480	212.00	430	305.00	63	444.00	8179
124.00	2391	213.00	230	307.00	81	445.00	463
125.00	2326	214.00	186	308.00	364		
127.00	165632	215.00	1199	309.00	305		

Breakdown Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112632.D		
Injection Date:	16-Sep-2013 14:35:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	181568	Lims Sample ID:	1
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 1111409
114 4,4'-DDD, Area = 20293
115 4,4'-DDE, Area = 1482

%Breakdown: 1.92%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

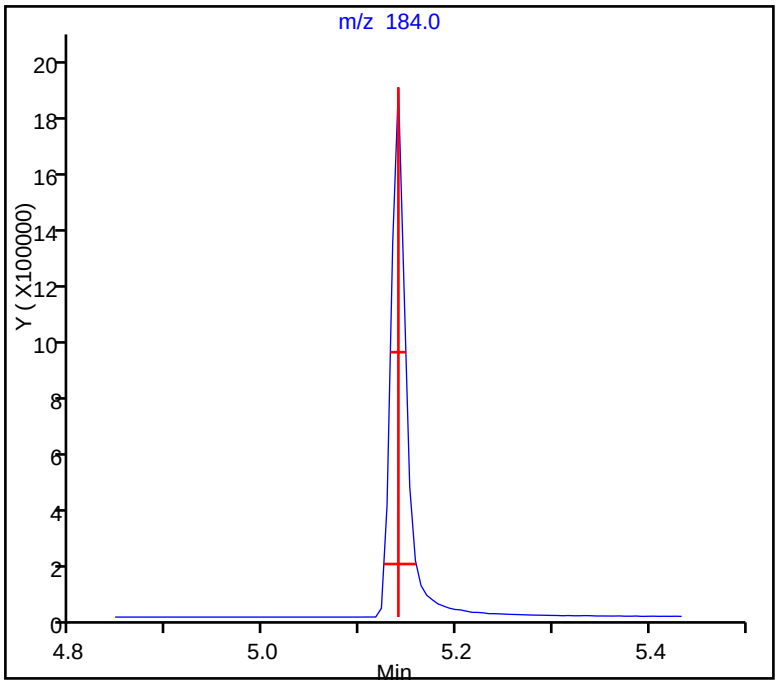
Data File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112632.D		
Injection Date:	16-Sep-2013 14:35:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	181568	Lims Sample ID:	1
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 1.2, Max. Tailing < 3.00
Passed



Peak Tailing Report

TestAmerica Edison

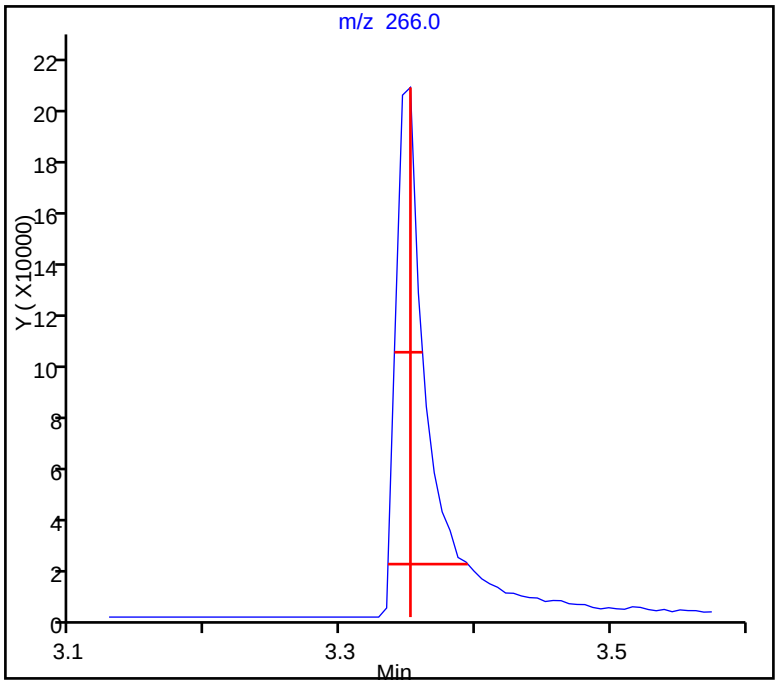
Data File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112632.D		
Injection Date:	16-Sep-2013 14:35:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	181568	Lims Sample ID:	1
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.043 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 2.6, Max. Tailing < 3.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112693.D		
Lims ID:	DFTPP	Client ID:	
Inject. Date:	19-Sep-2013 11:54:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	460-0004813-001		
Misc. Info.:	DFTPP		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	182161	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m		
Last Update:	20-Sep-2013 11:30:07	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: croccom		Date:	19-Sep-2013 12:06:49

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	3.316	3.316	0.0	93	686810	0	7
89 Benzidine_T	184	5.110	5.110	0.0	99	2414870	0	7
120 DFTPP								
115 4,4'-DDE	246	5.340	5.340	0.0	60	3472	0	7
114 4,4'-DDD	235	5.751	5.751	0.0	91	51680	0	7
116 4,4'-DDT	235	6.081	6.081	0.0	98	1868554	0	7

QC Flag Legend

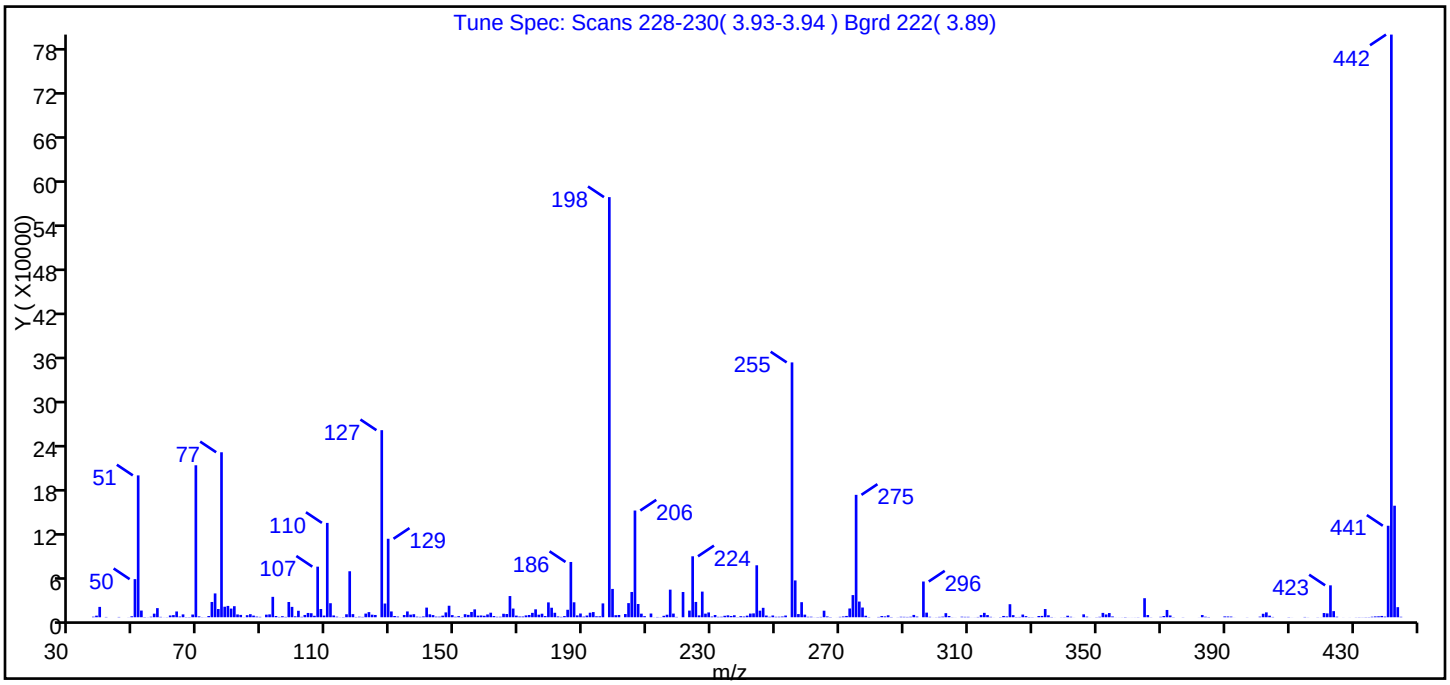
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112693.D		
Injection Date:	19-Sep-2013 11:54:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	1
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Tune Method:	DFTPP Method 8270		

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	33.77
68	Less than 2.00% of mass 69	0.65 (1.79)
69	Present	36.18
70	Less than 2.00% of mass 69	0.20 (0.55)
127	40.00 - 60.00% of mass 198	44.53
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	29.14
365	Greater than 1.00% of mass 198	4.54
441	Present, but less than mass 443%	21.78 (82.05)
442	Greater than 40.00% of mass 198	138.69
443	17.00 - 23.00% of mass 442	26.55 (19.14)

Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112693.D\8270_12.rslt\spectra.d
Injection Date: 19-Sep-2013 11:54:30
Spectrum: Tune Spec: Scans 228-230(3.93-3.94) Bgrd 222(3.89)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 353

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	785	134.00	3026	228.00	4901	325.00	369
38.00	2174	135.00	7907	229.00	6534	326.00	432
39.00	14081	136.00	3534	230.00	938	327.00	3677
41.00	420	137.00	4135	231.00	3053	328.00	1513
45.00	419	138.00	828	232.00	602	329.00	356
48.00	116	139.00	553	233.00	706	330.00	253
49.00	1325	140.00	1099	234.00	2010	331.00	59
50.00	51784	141.00	13111	235.00	2626	332.00	1705
51.00	192768	142.00	4007	236.00	1732	333.00	1834
52.00	9095	143.00	2930	237.00	2741	334.00	11173
53.00	337	144.00	843	238.00	269	335.00	2673
54.00	141	145.00	807	239.00	1435	336.00	376
55.00	724	146.00	2193	240.00	972	337.00	58
56.00	4873	147.00	6581	241.00	2199	339.00	161
57.00	12411	148.00	15655	242.00	4990	340.00	226
58.00	514	149.00	2892	243.00	5274	341.00	2089
59.00	86	150.00	662	244.00	70632	342.00	650
60.00	193	151.00	1548	245.00	8955	343.00	62
61.00	2418	152.00	351	246.00	12835	346.00	3965
62.00	2933	153.00	4139	247.00	2326	347.00	845
63.00	7872	154.00	3254	248.00	658	348.00	65
64.00	925	155.00	7172	249.00	2403	350.00	241
65.00	3888	156.00	10722	250.00	636	351.00	619
66.00	310	157.00	2204	251.00	727	352.00	5948
67.00	333	158.00	2440	252.00	1011	353.00	3786
68.00	3699	159.00	2002	253.00	2331	354.00	5726
69.00	206528	160.00	3799	255.00	346304	355.00	1101
70.00	1132	161.00	6179	256.00	50040	356.00	63
71.00	228	162.00	1622	257.00	4336	357.00	67
72.00	138	163.00	646	258.00	20488	358.00	111
73.00	1654	164.00	720	259.00	3551	359.00	342
74.00	20768	165.00	4740	260.00	644	360.00	63
75.00	32376	166.00	4396	261.00	705	361.00	68

Report Date: 20-Sep-2013 11:30:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112693.D\8270_12.rslt\spectra.d
Injection Date: 19-Sep-2013 11:54:30
Spectrum: Tune Spec: Scans 228-230(3.93-3.94) Bgrd 222(3.89)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 353

m/z	Y	m/z	Y	m/z	Y	m/z	Y
76.00	11180	167.00	28816	262.00	110	362.00	110
77.00	224192	168.00	11829	263.00	284	363.00	202
78.00	14310	169.00	2237	264.00	473	365.00	25896
79.00	15407	170.00	1020	265.00	8906	366.00	3008
80.00	11800	171.00	1021	266.00	1092	367.00	185
81.00	15024	172.00	2504	267.00	333	370.00	623
82.00	3817	173.00	3085	269.00	54	371.00	1674
83.00	3194	174.00	5981	270.00	549	372.00	9911
84.00	174	175.00	10796	271.00	1070	373.00	2445
85.00	2801	176.00	3468	272.00	1785	374.00	275
86.00	4170	177.00	4806	273.00	11919	377.00	188
87.00	2246	178.00	1633	274.00	30128	382.00	87
88.00	918	179.00	20216	275.00	166336	383.00	3007
89.00	550	180.00	12932	276.00	21328	384.00	733
91.00	3537	181.00	6092	277.00	13216	385.00	361
92.00	3917	182.00	1133	278.00	2053	390.00	1131
93.00	27736	183.00	560	279.00	386	391.00	1043
94.00	1681	184.00	1622	282.00	427	392.00	918
95.00	479	185.00	10168	283.00	1660	393.00	51
96.00	1408	186.00	75120	284.00	1134	397.00	144
97.00	497	187.00	20344	285.00	2681	401.00	826
98.00	20712	188.00	2535	286.00	362	402.00	4744
99.00	14097	189.00	5104	288.00	143	403.00	6627
100.00	1251	190.00	879	289.00	658	404.00	2161
101.00	8805	191.00	2345	290.00	562	405.00	429
102.00	585	192.00	6157	291.00	454	410.00	261
103.00	3117	193.00	7056	292.00	666	411.00	64
104.00	5837	194.00	1301	293.00	3166	415.00	403
105.00	5485	195.00	1283	294.00	902	416.00	120
106.00	1984	196.00	18824	296.00	48576	419.00	178
107.00	68760	198.00	570880	297.00	6264	420.00	80
108.00	11226	199.00	38504	298.00	627	421.00	5738
109.00	2276	200.00	2773	299.00	52	422.00	5252
110.00	128208	201.00	3093	300.00	175	423.00	43376

Report Date: 20-Sep-2013 11:30:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112693.D\8270_12.rslt\spectra.d
Injection Date: 19-Sep-2013 11:54:30
Spectrum: Tune Spec: Scans 228-230(3.93-3.94) Bgrd 222(3.89)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 353

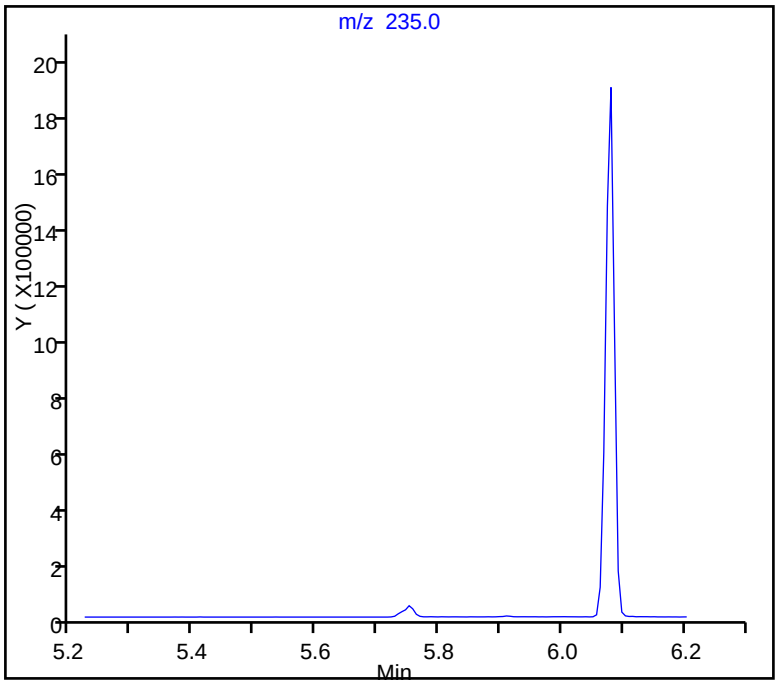
m/z	Y	m/z	Y	m/z	Y	m/z	Y
111.00	19072	203.00	4358	301.00	523	424.00	8315
112.00	2452	204.00	19216	302.00	825	425.00	737
113.00	811	205.00	34352	303.00	5555	427.00	70
114.00	164	206.00	145024	304.00	1663	429.00	70
115.00	356	207.00	18008	305.00	164	431.00	152
116.00	4053	208.00	4896	306.00	73	432.00	213
117.00	62512	209.00	1509	308.00	745	433.00	148
118.00	4254	211.00	5089	309.00	562	434.00	250
119.00	402	212.00	127	310.00	579	435.00	267
120.00	775	213.00	399	311.00	66	436.00	733
121.00	482	214.00	216	312.00	100	437.00	1121
122.00	4973	215.00	1971	313.00	418	438.00	1290
123.00	6985	216.00	3429	314.00	2965	439.00	1778
124.00	3484	217.00	37512	315.00	5986	440.00	868
125.00	3112	218.00	4997	316.00	2967	441.00	124344
127.00	254208	219.00	487	317.00	561	442.00	791744
128.00	18648	221.00	34304	318.00	73	443.00	151552
129.00	106664	223.00	9064	320.00	326	444.00	13707
130.00	7892	224.00	82832	321.00	1760	445.00	644
131.00	1705	225.00	20808	322.00	1057		
132.00	949	226.00	2528	323.00	17728		
133.00	80	227.00	34856	324.00	2870		

Breakdown Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112693.D		
Injection Date:	19-Sep-2013 11:54:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	1
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 1868554
114 4,4'-DDD, Area = 51680
115 4,4'-DDE, Area = 3472

%Breakdown: 2.87%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112693.D

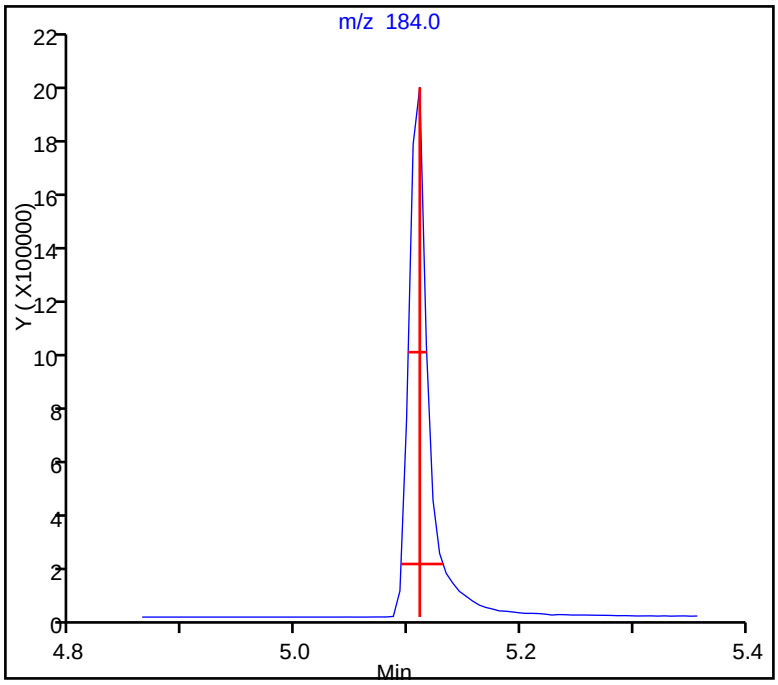
Injection Date:	19-Sep-2013 11:54:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	1
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.2, Max. Tailing < 3.00
Passed



Peak Tailing Report

TestAmerica Edison

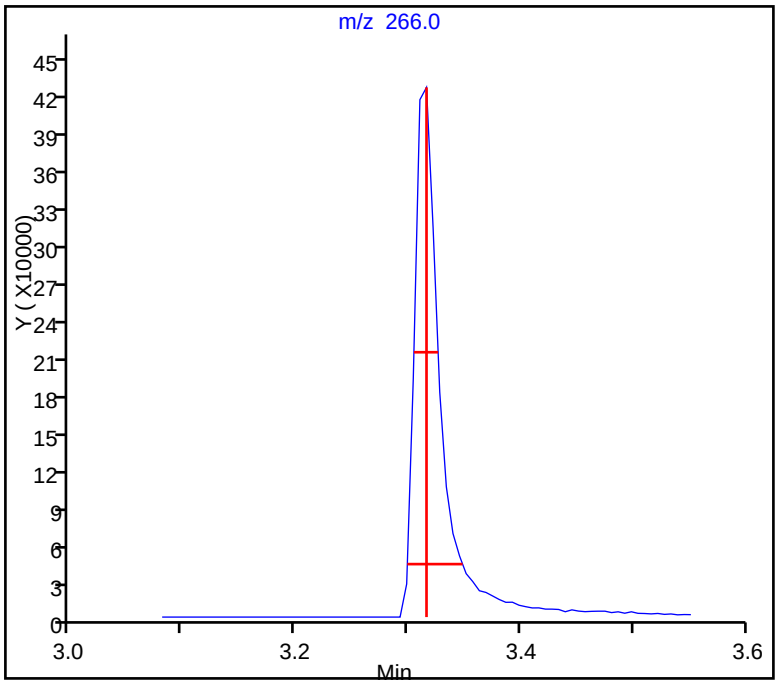
Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112693.D		
Injection Date:	19-Sep-2013 11:54:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	1
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.032 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.9, Max. Tailing < 3.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112719.D		
Lims ID:	DFTPP	Client ID:	
Inject. Date:	20-Sep-2013 01:16:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	460-0004829-004		
Misc. Info.:	DFTPP		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	182283	Lims Sample ID:	4
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\8270_12.m		
Last Update:	20-Sep-2013 09:54:31	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: asfawa		Date:	20-Sep-2013 01:43:25

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	3.322	3.322	0.0	93	458959	0	7
89 Benzidine_T	184	5.110	5.110	0.0	99	2674652	0	7
120 DFTPP								
115 4,4'-DDE	246	5.351	5.351	0.0	31	2077	0	7
114 4,4'-DDD	235	5.757	5.757	0.0	87	28409	0	7
116 4,4'-DDT	235	6.081	6.081	0.0	98	1447708	0	7

QC Flag Legend

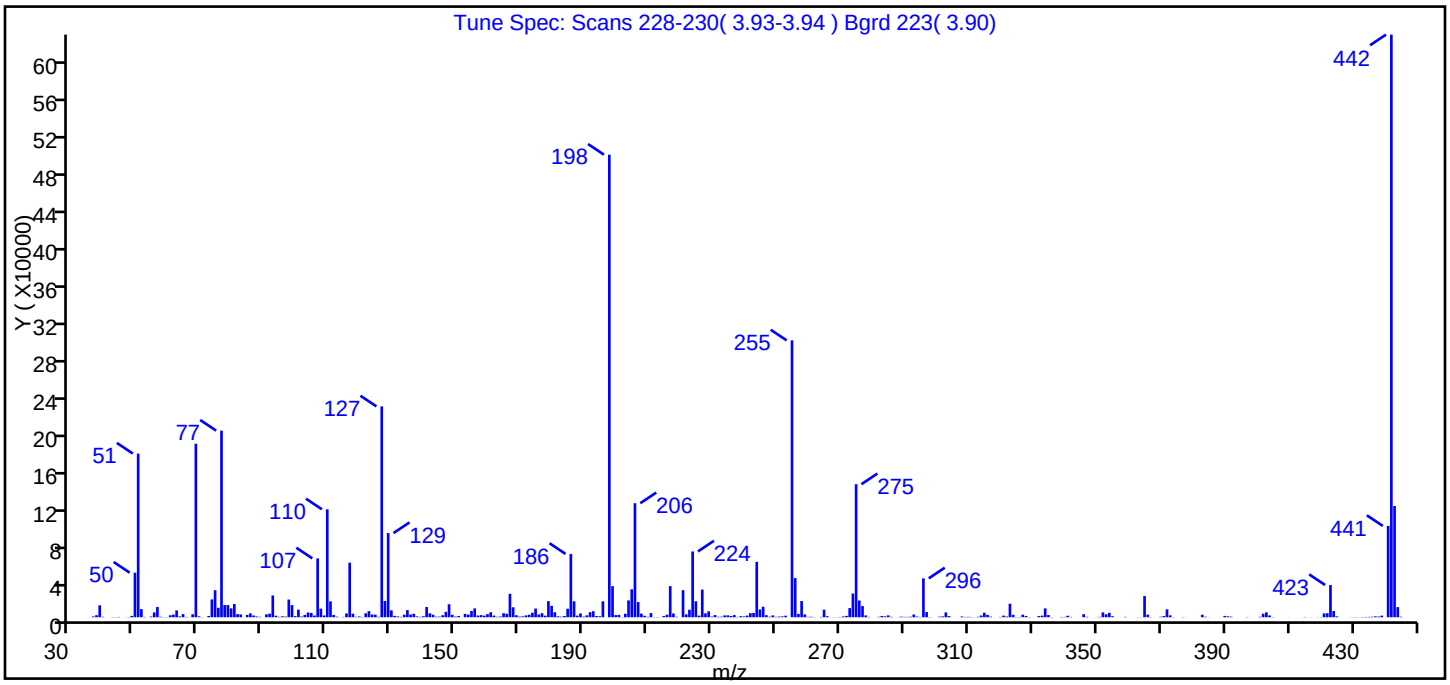
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112719.D		
Injection Date:	20-Sep-2013 01:16:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	4
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Tune Method:	DFTPP Method 8270		

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	35.38
68	Less than 2.00% of mass 69	0.65 (1.72)
69	Present	37.51
70	Less than 2.00% of mass 69	0.19 (0.52)
127	40.00 - 60.00% of mass 198	45.58
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.72
275	10.00 - 30.00% of mass 198	28.77
365	Greater than 1.00% of mass 198	4.58
441	Present, but less than mass 443%	19.74 (82.05)
442	Greater than 40.00% of mass 198	125.96
443	17.00 - 23.00% of mass 442	24.06 (19.10)

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112719.D\8270_12.rslt\spectra.d
Injection Date: 20-Sep-2013 01:16:30
Spectrum: Tune Spec: Scans 228-230(3.93-3.94) Bgrd 223(3.90)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 345

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	70	130.00	7349	219.00	511	315.00	4850
37.00	867	131.00	1402	221.00	28904	316.00	2580
38.00	2184	132.00	919	222.00	3075	317.00	668
39.00	12741	133.00	427	223.00	8061	320.00	351
40.00	461	134.00	2752	224.00	70184	321.00	1736
43.00	222	135.00	7623	225.00	17048	322.00	816
44.00	225	136.00	2923	226.00	1750	323.00	14444
45.00	361	137.00	3736	227.00	29504	324.00	2617
47.00	84	138.00	886	228.00	4190	325.00	236
48.00	217	139.00	433	229.00	6335	326.00	344
49.00	1438	140.00	1046	230.00	750	327.00	2771
50.00	47544	141.00	10993	231.00	2317	328.00	1384
51.00	174528	142.00	4200	232.00	520	329.00	263
52.00	8717	143.00	2724	233.00	638	330.00	68
53.00	346	144.00	646	234.00	1983	332.00	1281
55.00	768	145.00	648	235.00	2046	333.00	1709
56.00	5133	146.00	2173	236.00	1366	334.00	9458
57.00	10994	147.00	5780	237.00	2294	335.00	2386
58.00	551	148.00	13879	238.00	368	336.00	257
59.00	194	149.00	2694	239.00	1190	339.00	361
60.00	253	150.00	742	240.00	902	340.00	357
61.00	2108	151.00	1328	241.00	1763	341.00	1601
62.00	2865	153.00	3616	242.00	4316	342.00	378
63.00	7264	154.00	2835	243.00	4618	346.00	3251
64.00	914	155.00	6733	244.00	59048	347.00	510
65.00	3356	156.00	9426	245.00	8303	350.00	122
66.00	368	157.00	1842	246.00	11215	351.00	437
67.00	111	158.00	2287	247.00	2211	352.00	5179
68.00	3183	159.00	1729	248.00	597	353.00	3178
69.00	185024	160.00	3372	249.00	2003	354.00	4757
70.00	958	161.00	5322	250.00	461	355.00	1100
71.00	170	162.00	1750	251.00	761	359.00	418
73.00	1336	163.00	515	252.00	898	360.00	80

Report Date: 20-Sep-2013 09:54:31 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112719.D\8270_12.rslt\spectra.d
Injection Date: 20-Sep-2013 01:16:30
Spectrum: Tune Spec: Scans 228-230(3.93-3.94) Bgrd 223(3.90)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 345

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	19040	164.00	756	253.00	1651	363.00	167
75.00	28880	165.00	4285	255.00	295232	364.00	135
76.00	10078	166.00	3709	256.00	41744	365.00	22576
77.00	198976	167.00	25024	257.00	3575	366.00	2791
78.00	13034	168.00	10638	258.00	17272	367.00	230
79.00	13040	169.00	2196	259.00	3030	370.00	503
80.00	9513	170.00	763	260.00	444	371.00	1282
81.00	14177	171.00	953	261.00	549	372.00	8400
82.00	3364	172.00	1955	262.00	187	373.00	2012
83.00	2985	173.00	2655	264.00	421	374.00	237
85.00	2508	174.00	4824	265.00	8010	377.00	239
86.00	4145	175.00	9281	266.00	1150	378.00	51
87.00	1872	176.00	2957	267.00	160	383.00	2721
88.00	783	177.00	4339	268.00	128	384.00	551
89.00	479	178.00	1672	269.00	134	385.00	115
91.00	3127	179.00	17216	270.00	344	390.00	1443
92.00	3791	180.00	12200	271.00	886	391.00	966
93.00	23248	181.00	5333	272.00	1466	392.00	637
94.00	1663	182.00	1042	273.00	9791	397.00	305
95.00	431	183.00	618	274.00	25312	401.00	533
96.00	1024	184.00	1333	275.00	141888	402.00	3749
97.00	709	185.00	9076	276.00	17880	403.00	5217
98.00	18896	186.00	67536	277.00	11946	404.00	1939
99.00	12953	187.00	17000	278.00	1995	405.00	236
100.00	1201	188.00	1745	279.00	372	406.00	59
101.00	8092	189.00	4096	282.00	456	410.00	65
102.00	770	190.00	683	283.00	1393	415.00	276
103.00	2541	191.00	2046	284.00	968	417.00	123
104.00	5062	192.00	5436	285.00	2002	419.00	155
105.00	4665	193.00	6474	286.00	460	420.00	202
106.00	1813	194.00	1285	287.00	79	421.00	4122
107.00	62776	195.00	1088	288.00	102	422.00	4284
108.00	9153	196.00	17048	289.00	638	423.00	34384
109.00	1918	198.00	493248	290.00	440	424.00	6662

Report Date: 20-Sep-2013 09:54:31 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112719.D\8270_12.rslt\spectra.d
Injection Date: 20-Sep-2013 01:16:30
Spectrum: Tune Spec: Scans 228-230(3.93-3.94) Bgrd 223(3.90)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 345

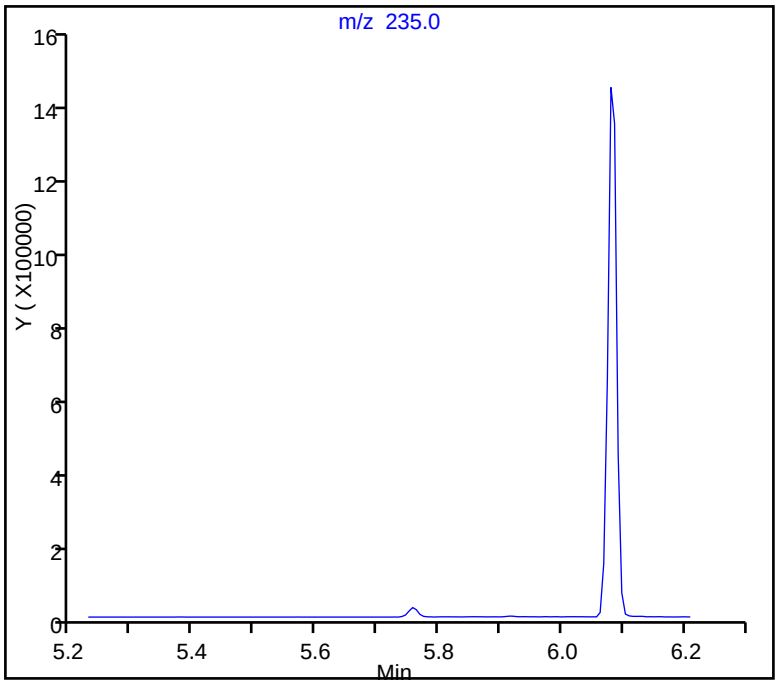
m/z	Y	m/z	Y	m/z	Y	m/z	Y
110.00	115104	199.00	33168	291.00	409	425.00	962
111.00	16920	200.00	2335	292.00	595	429.00	125
112.00	2467	201.00	2548	293.00	2921	430.00	196
113.00	637	202.00	199	294.00	770	431.00	221
114.00	62	203.00	3716	295.00	362	432.00	121
115.00	357	204.00	17984	296.00	41472	433.00	280
116.00	4086	205.00	29864	297.00	5530	434.00	359
117.00	58184	206.00	121592	298.00	280	435.00	430
118.00	3798	207.00	16195	301.00	646	436.00	571
119.00	493	208.00	3868	302.00	955	437.00	949
120.00	866	209.00	1575	303.00	5180	438.00	764
121.00	238	210.00	539	304.00	1247	439.00	1708
122.00	4196	211.00	4439	305.00	90	441.00	97384
123.00	6518	212.00	223	308.00	867	442.00	621312
124.00	2907	213.00	294	309.00	365	443.00	118688
125.00	2784	214.00	62	310.00	467	444.00	10789
126.00	547	215.00	1416	311.00	272	445.00	559
127.00	224832	216.00	2757	312.00	96		
128.00	17304	217.00	33184	313.00	474		
129.00	89776	218.00	4053	314.00	1846		

Breakdown Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112719.D		
Injection Date:	20-Sep-2013 01:16:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	4
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 1447708
114 4,4'-DDD, Area = 28409
115 4,4'-DDE, Area = 2077

%Breakdown: 2.06%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112719.D

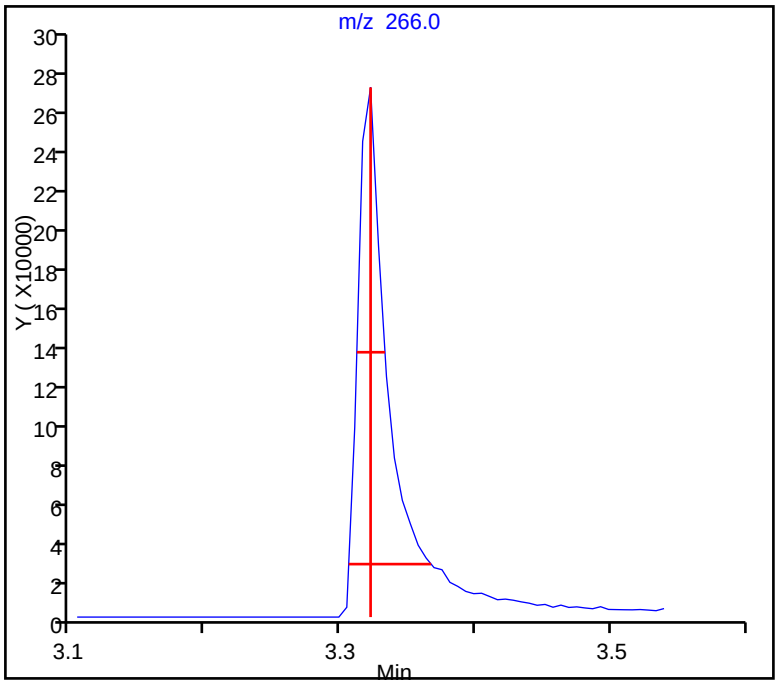
Injection Date:	20-Sep-2013 01:16:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	4
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.045 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 2.8, Max. Tailing < 3.00
Passed



Peak Tailing Report

TestAmerica Edison

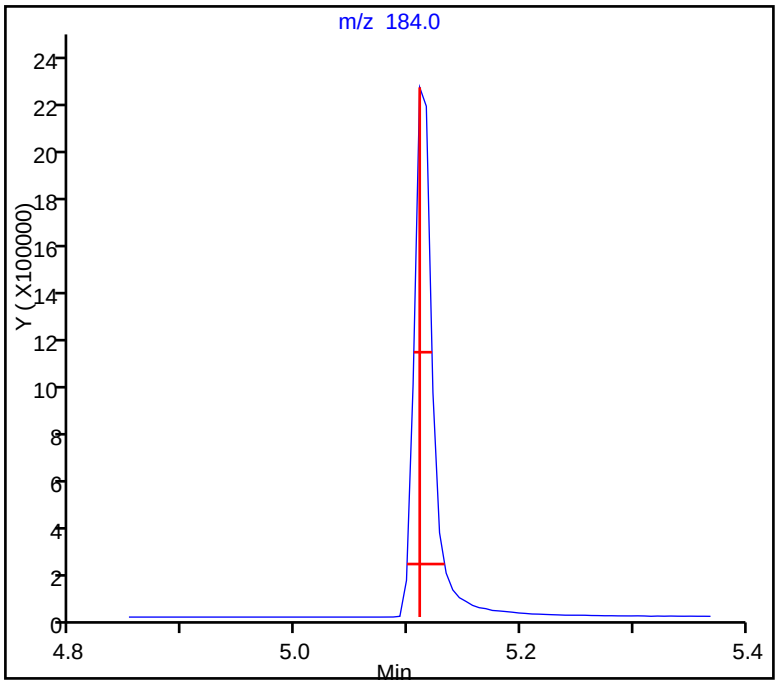
Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112719.D		
Injection Date:	20-Sep-2013 01:16:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	4
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.022 (min.)
Front Width = 0.011 (min.)

Tailing Factor = 2.0, Max. Tailing < 3.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112745.D		
Lims ID:	DFTPP	Client ID:	
Inject. Date:	20-Sep-2013 14:40:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	460-0004854-001		
Misc. Info.:	DFTPP		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	182394	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\8270_12.m		
Last Update:	20-Sep-2013 16:46:23	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: croccom		Date:	20-Sep-2013 14:51:27

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	3.293	3.293	0.0	92	386880	0	7
89 Benzidine_T	184	5.087	5.087	0.0	99	1965722	0	7
120 DFTPP								
115 4,4'-DDE	246	5.316	5.316	0.0	20	1815	0	7
114 4,4'-DDD	235	5.728	5.728	0.0	88	23568	0	7
116 4,4'-DDT	235	6.051	6.051	0.0	98	978877	0	7

QC Flag Legend

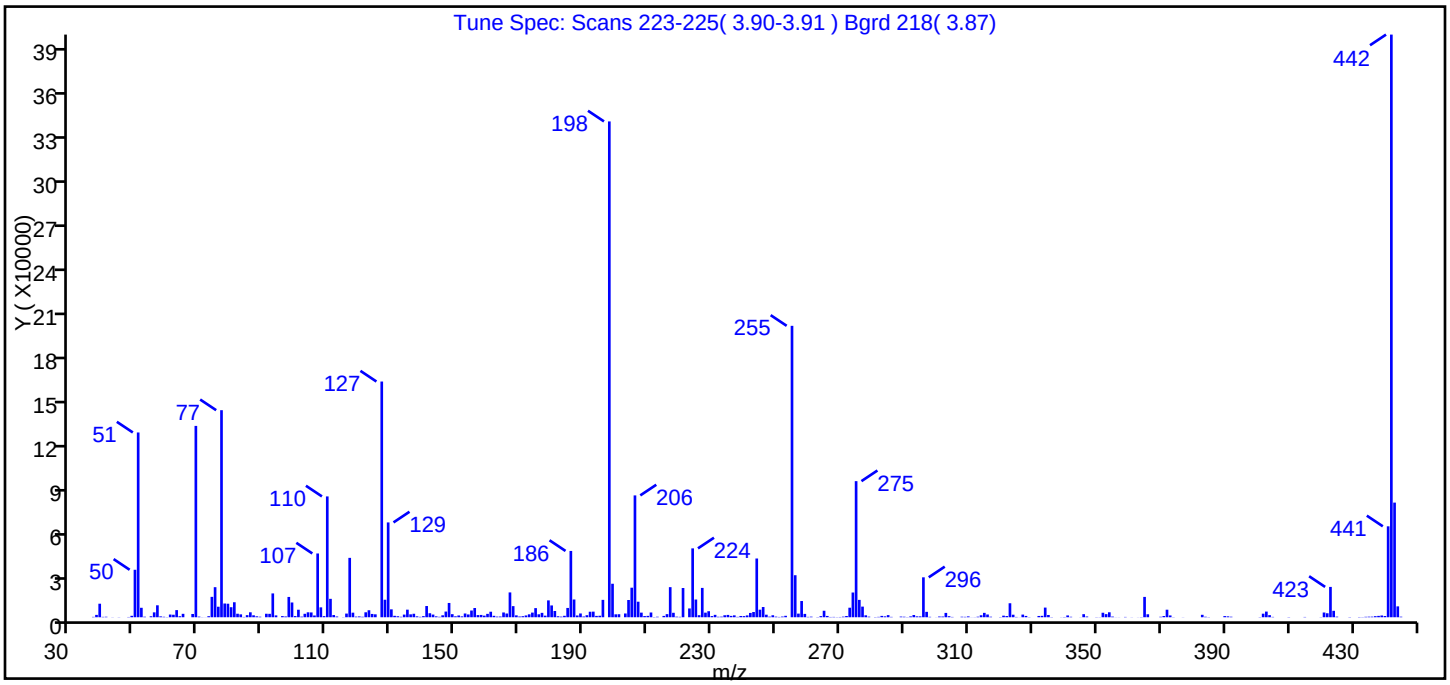
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112745.D		
Injection Date:	20-Sep-2013 14:40:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	1
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Tune Method:	DFTPP Method 8270		

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	37.27
68	Less than 2.00% of mass 69	0.66 (1.72)
69	Present	38.59
70	Less than 2.00% of mass 69	0.13 (0.34)
127	40.00 - 60.00% of mass 198	47.54
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.76
275	10.00 - 30.00% of mass 198	27.45
365	Greater than 1.00% of mass 198	4.10
441	Present, but less than mass 443%	18.34 (79.32)
442	Greater than 40.00% of mass 198	117.51
443	17.00 - 23.00% of mass 442	23.12 (19.68)

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112745.D\8270_12.rslt\spectra.d
Injection Date: 20-Sep-2013 14:40:30
Spectrum: Tune Spec: Scans 223-225(3.90-3.91) Bgrd 218(3.87)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 334

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	262	132.00	681	219.00	398	312.00	85
38.00	1600	133.00	321	220.00	279	313.00	373
39.00	9134	134.00	1801	221.00	19720	314.00	1346
40.00	265	135.00	5119	223.00	5943	315.00	2968
41.00	350	136.00	1971	224.00	46456	316.00	1852
43.00	81	137.00	2355	225.00	11954	317.00	366
45.00	97	138.00	610	226.00	1387	320.00	157
48.00	191	139.00	281	227.00	19792	321.00	1067
49.00	972	140.00	764	228.00	3104	322.00	809
50.00	32024	141.00	7576	229.00	4070	323.00	9445
51.00	124624	142.00	2714	230.00	789	324.00	1713
52.00	6389	143.00	1809	231.00	1626	325.00	221
53.00	374	144.00	612	232.00	332	326.00	50
55.00	673	145.00	307	233.00	421	327.00	1799
56.00	3307	146.00	1316	234.00	1349	328.00	895
57.00	8067	147.00	3838	235.00	1578	329.00	128
58.00	591	148.00	9640	236.00	924	332.00	871
59.00	323	149.00	2079	237.00	1283	333.00	957
60.00	116	150.00	633	238.00	262	334.00	6515
61.00	1827	151.00	1202	239.00	859	335.00	1533
62.00	1694	152.00	600	240.00	777	336.00	148
63.00	4819	153.00	2536	241.00	1243	339.00	78
64.00	680	154.00	1882	242.00	2904	340.00	178
65.00	2319	155.00	4551	243.00	3540	341.00	1229
68.00	2214	156.00	6229	244.00	39624	342.00	321
69.00	129048	157.00	1470	245.00	5100	345.00	69
70.00	438	158.00	1564	246.00	6900	346.00	2075
71.00	86	159.00	1087	247.00	1717	347.00	503
72.00	56	160.00	2295	248.00	421	350.00	123
73.00	706	161.00	3736	249.00	1349	351.00	94
74.00	13752	162.00	976	250.00	419	352.00	3046
75.00	20280	163.00	441	251.00	219	353.00	2104
76.00	7098	164.00	488	252.00	472	354.00	3353

Report Date: 20-Sep-2013 16:46:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112745.D\8270_12.rslt\spectra.d
Injection Date: 20-Sep-2013 14:40:30
Spectrum: Tune Spec: Scans 223-225(3.90-3.91) Bgrd 218(3.87)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 334

m/z	Y	m/z	Y	m/z	Y	m/z	Y
77.00	139648	165.00	3225	253.00	980	355.00	458
78.00	9272	166.00	2523	255.00	196544	356.00	53
79.00	9131	167.00	16752	256.00	28344	357.00	59
80.00	6770	168.00	7499	257.00	2448	359.00	226
81.00	10117	169.00	1286	258.00	10945	361.00	73
82.00	2374	170.00	513	259.00	2267	363.00	60
83.00	1957	171.00	724	260.00	255	364.00	144
84.00	216	172.00	1215	261.00	399	365.00	13723
85.00	1419	173.00	1976	263.00	151	366.00	2007
86.00	3347	174.00	3138	264.00	762	370.00	329
87.00	1316	175.00	6163	265.00	4390	371.00	828
88.00	632	176.00	1995	266.00	883	372.00	5090
89.00	368	177.00	2975	267.00	195	373.00	1219
91.00	2368	178.00	1074	268.00	235	374.00	116
92.00	2313	179.00	11380	269.00	119	377.00	69
93.00	16076	180.00	7970	270.00	189	383.00	1652
94.00	1258	181.00	4224	271.00	414	384.00	346
96.00	783	182.00	678	272.00	841	385.00	130
97.00	528	183.00	423	273.00	6435	390.00	788
98.00	13700	184.00	984	274.00	16688	391.00	602
99.00	9961	185.00	6278	275.00	91792	392.00	366
100.00	801	186.00	44720	276.00	11716	401.00	151
101.00	5078	187.00	11979	277.00	7176	402.00	2405
102.00	421	188.00	1201	278.00	1306	403.00	3829
103.00	2335	189.00	2554	279.00	416	404.00	1436
104.00	3331	190.00	490	281.00	161	405.00	242
105.00	3246	191.00	1375	282.00	266	410.00	150
106.00	1188	192.00	3721	283.00	921	415.00	207
107.00	43016	193.00	3788	284.00	604	420.00	116
108.00	6677	194.00	926	285.00	1440	421.00	3198
109.00	750	195.00	1021	286.00	259	422.00	2699
110.00	81496	196.00	11731	289.00	459	423.00	20464
111.00	12424	198.00	334400	290.00	356	424.00	4336
112.00	1488	199.00	22600	291.00	122	425.00	411

Report Date: 20-Sep-2013 16:46:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112745.D\8270_12.rslt\spectra.d
Injection Date: 20-Sep-2013 14:40:30
Spectrum: Tune Spec: Scans 223-225(3.90-3.91) Bgrd 218(3.87)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 334

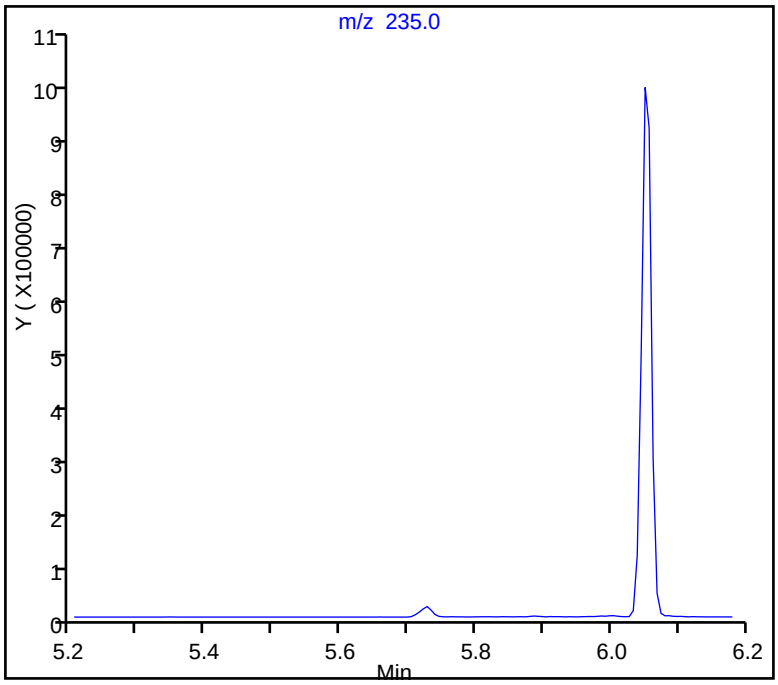
m/z	Y	m/z	Y	m/z	Y	m/z	Y
113.00	511	200.00	1979	292.00	577	429.00	159
115.00	104	201.00	2040	293.00	1519	432.00	174
116.00	2486	203.00	2546	294.00	604	433.00	128
117.00	40056	204.00	11635	295.00	572	434.00	307
118.00	3090	205.00	19936	296.00	26936	435.00	390
119.00	435	206.00	82176	297.00	3645	436.00	418
120.00	564	207.00	10482	298.00	290	437.00	727
121.00	329	208.00	3121	300.00	55	438.00	925
122.00	3347	209.00	802	301.00	510	439.00	1179
123.00	4726	210.00	938	302.00	488	440.00	850
124.00	2232	211.00	3209	303.00	2926	441.00	61328
125.00	1980	212.00	161	304.00	708	442.00	392960
127.00	158976	213.00	356	305.00	224	443.00	77320
128.00	11812	215.00	905	308.00	360	444.00	7345
129.00	63960	216.00	2092	309.00	288	445.00	386
130.00	5336	217.00	20304	310.00	574		
131.00	971	218.00	3011	311.00	58		

Breakdown Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112745.D		
Injection Date:	20-Sep-2013 14:40:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	1
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 978877
114 4,4'-DDD, Area = 23568
115 4,4'-DDE, Area = 1815

%Breakdown: 2.53%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112745.D

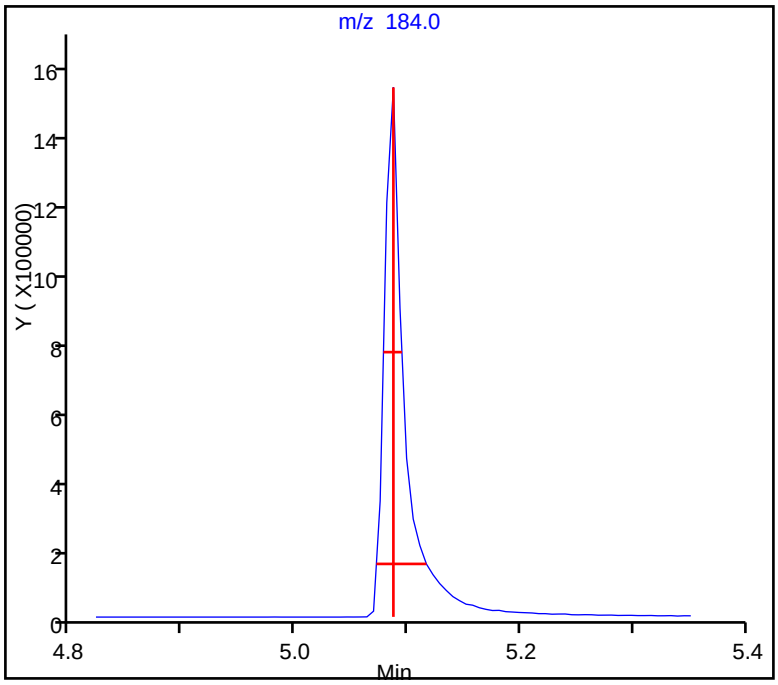
Injection Date:	20-Sep-2013 14:40:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	1
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.029 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 1.9, Max. Tailing < 3.00
Passed



Peak Tailing Report

TestAmerica Edison

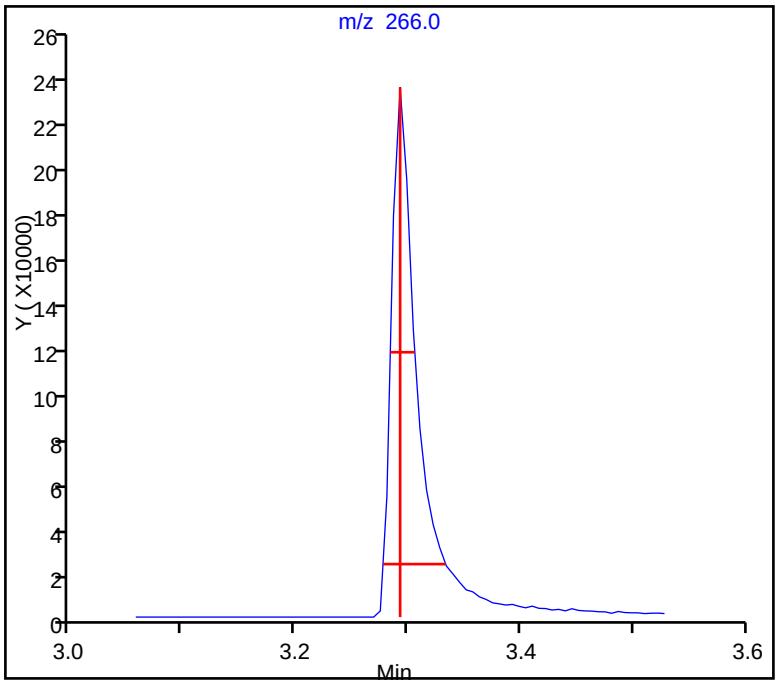
Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112745.D		
Injection Date:	20-Sep-2013 14:40:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	1
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.041 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 2.7, Max. Tailing < 3.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112775.D		
Lims ID:	DFTPP	Client ID:	
Inject. Date:	21-Sep-2013 10:02:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	460-0004871-001		
Misc. Info.:	DFTPP		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	182469	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\8270_12.m		
Last Update:	22-Sep-2013 11:19:45	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK053		
First Level Reviewer: ranav		Date:	21-Sep-2013 10:19:06

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	3.263	3.263	0.0	90	586606	0	7
89 Benzidine_T	184	5.057	5.057	0.0	99	2289006	0	7
120 DFTPP								
115 4,4'-DDE	246	5.293	5.293	0.0	50	2495	0	7
114 4,4'-DDD	235	5.704	5.704	0.0	89	40309	0	7
116 4,4'-DDT	235	6.028	6.028	0.0	98	1433861	0	7

QC Flag Legend

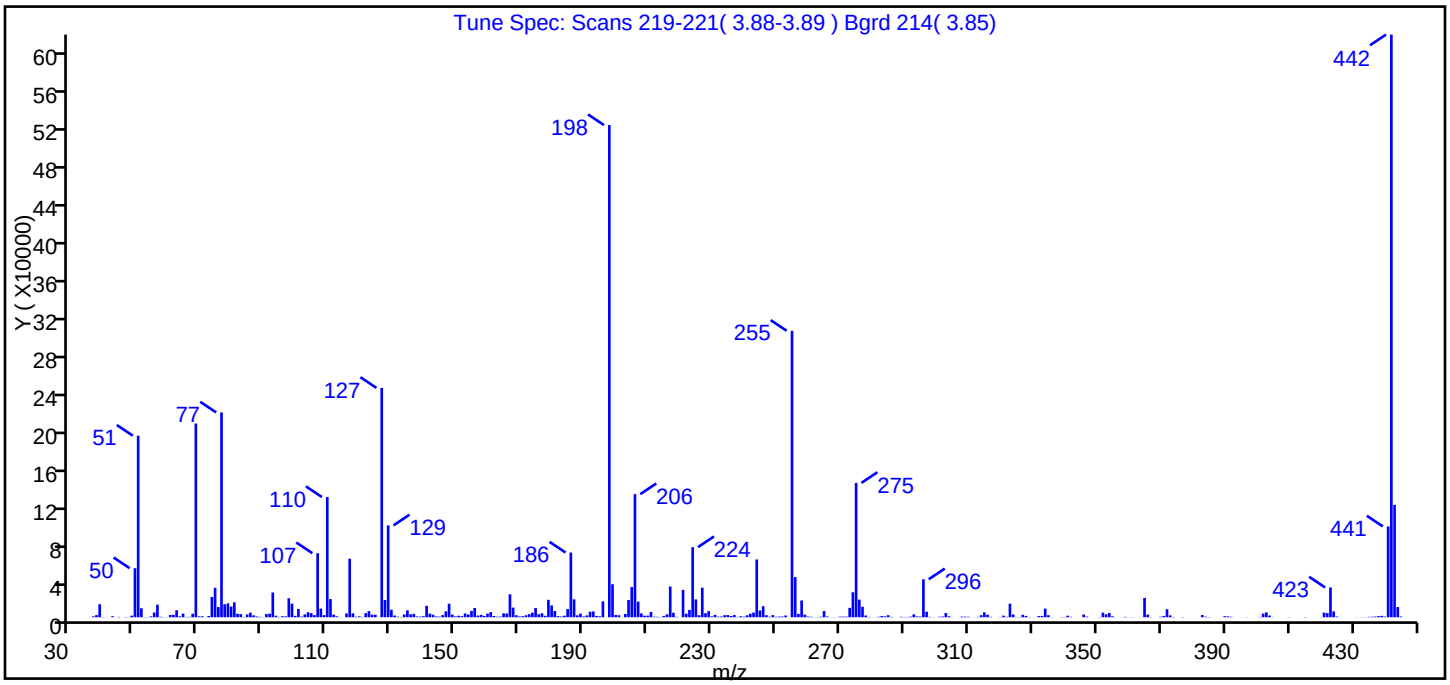
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112775.D		
Injection Date:	21-Sep-2013 10:02:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182469	Lims Sample ID:	1
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Tune Method:	DFTPP Method 8270		

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	36.89
68	Less than 2.00% of mass 69	0.71 (1.81)
69	Present	39.36
70	Less than 2.00% of mass 69	0.18 (0.46)
127	40.00 - 60.00% of mass 198	46.60
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.71
275	10.00 - 30.00% of mass 198	27.30
365	Greater than 1.00% of mass 198	3.94
441	Present, but less than mass 443%	18.46 (80.81)
442	Greater than 40.00% of mass 198	118.38
443	17.00 - 23.00% of mass 442	22.84 (19.29)

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112775.D\8270_12.rslt\spectra.d
Injection Date: 21-Sep-2013 10:02:30
Spectrum: Tune Spec: Scans 219-221(3.88-3.89) Bgrd 214(3.85)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 354

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	964	131.00	1780	222.00	3644	315.00	5087
38.00	2250	132.00	575	223.00	7724	316.00	2676
39.00	13626	133.00	273	224.00	73504	317.00	437
40.00	245	134.00	2915	225.00	18672	320.00	262
41.00	164	135.00	7252	226.00	2116	321.00	1698
43.00	1068	136.00	3105	227.00	31000	322.00	434
45.00	404	137.00	3586	228.00	4242	323.00	14207
47.00	295	138.00	813	229.00	6410	324.00	2908
48.00	168	139.00	703	230.00	923	325.00	191
49.00	1685	140.00	1099	231.00	2486	326.00	255
50.00	51432	141.00	11995	232.00	577	327.00	2553
51.00	190336	142.00	3766	233.00	769	328.00	1402
52.00	9451	143.00	2708	234.00	2149	329.00	241
53.00	201	144.00	867	235.00	2294	330.00	73
54.00	238	145.00	622	236.00	1311	332.00	1260
55.00	913	146.00	2237	237.00	2361	333.00	1360
56.00	4965	147.00	6180	238.00	362	334.00	9072
57.00	13238	148.00	14178	239.00	1083	335.00	2122
58.00	487	149.00	2806	240.00	686	336.00	209
59.00	262	150.00	904	241.00	2068	339.00	255
60.00	148	151.00	1613	242.00	3707	340.00	214
61.00	2427	152.00	1157	243.00	4895	341.00	1656
62.00	2617	153.00	4008	244.00	60592	342.00	474
63.00	7328	154.00	2874	245.00	7101	345.00	64
64.00	962	155.00	6639	246.00	11578	346.00	2877
65.00	3841	156.00	9724	247.00	2168	347.00	702
66.00	367	157.00	1759	248.00	563	350.00	63
67.00	421	158.00	2507	249.00	2247	351.00	228
68.00	3666	159.00	1411	250.00	481	352.00	4866
69.00	203072	160.00	3791	251.00	745	353.00	3087
70.00	929	161.00	5407	252.00	748	354.00	4439
71.00	1002	162.00	1369	253.00	1838	355.00	969
72.00	57	163.00	591	255.00	300288	356.00	65

Report Date: 22-Sep-2013 11:19:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112775.D\8270_12.rslt\spectra.d
Injection Date: 21-Sep-2013 10:02:30
Spectrum: Tune Spec: Scans 219-221(3.88-3.89) Bgrd 214(3.85)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 354

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	1278	164.00	697	256.00	42104	357.00	61
74.00	21256	165.00	4130	257.00	3555	358.00	110
75.00	30872	166.00	3904	258.00	17624	359.00	457
76.00	10677	167.00	24072	259.00	2735	360.00	76
77.00	214720	168.00	10113	260.00	795	361.00	138
78.00	13668	169.00	2102	261.00	518	363.00	106
79.00	14580	170.00	857	262.00	138	364.00	106
80.00	11208	171.00	1109	263.00	206	365.00	20312
81.00	15687	172.00	2089	264.00	567	366.00	2775
82.00	3686	173.00	3269	265.00	6510	367.00	227
83.00	3325	174.00	4786	266.00	843	370.00	572
84.00	281	175.00	9741	267.00	78	371.00	1400
85.00	2967	176.00	3149	268.00	154	372.00	8404
86.00	4844	177.00	4157	269.00	54	373.00	1949
87.00	1991	178.00	1546	270.00	618	374.00	359
88.00	796	179.00	18304	271.00	722	377.00	266
89.00	462	180.00	12380	272.00	629	382.00	51
90.00	212	181.00	6631	273.00	9871	383.00	2353
91.00	3340	182.00	1214	274.00	26200	384.00	629
92.00	3749	183.00	781	275.00	140864	385.00	254
93.00	25984	184.00	1611	276.00	18496	390.00	1089
94.00	1622	185.00	8599	277.00	10963	391.00	957
95.00	340	186.00	67864	278.00	1838	392.00	510
96.00	1106	187.00	18768	279.00	322	395.00	50
97.00	937	188.00	2051	280.00	52	397.00	177
98.00	19944	189.00	3842	281.00	90	401.00	355
99.00	14249	190.00	829	282.00	514	402.00	3845
100.00	1462	191.00	1963	283.00	1325	403.00	5132
101.00	8627	192.00	5793	284.00	940	404.00	1818
102.00	703	193.00	6097	285.00	2172	405.00	179
103.00	2998	194.00	1447	286.00	393	410.00	233
104.00	5248	195.00	996	287.00	50	415.00	298
105.00	4327	196.00	16696	289.00	496	420.00	186
106.00	2202	198.00	515968	290.00	310	421.00	4887

Report Date: 22-Sep-2013 11:19:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112775.D\8270_12.rslt\spectra.d
Injection Date: 21-Sep-2013 10:02:30
Spectrum: Tune Spec: Scans 219-221(3.88-3.89) Bgrd 214(3.85)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 354

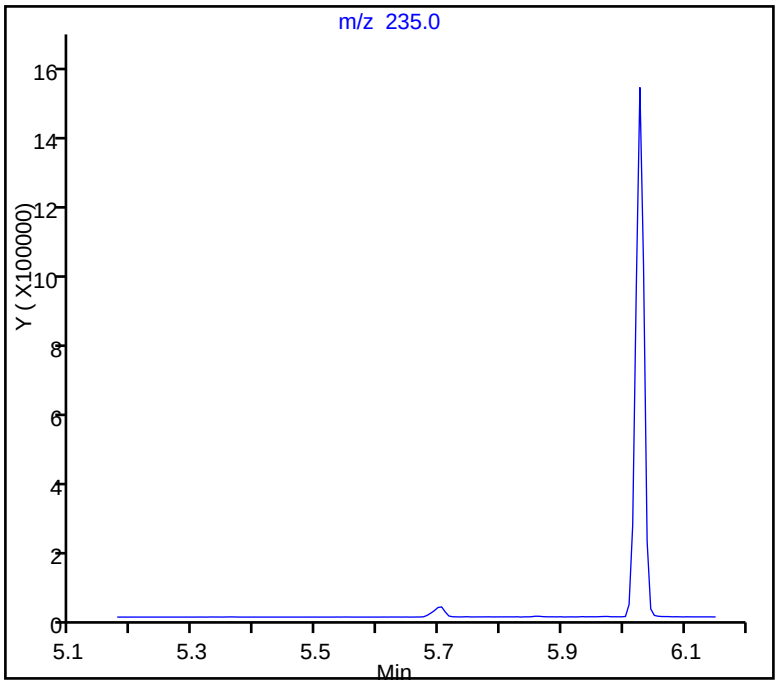
m/z	Y	m/z	Y	m/z	Y	m/z	Y
107.00	67160	199.00	34616	291.00	318	422.00	4376
108.00	9115	200.00	2420	292.00	660	423.00	31240
109.00	2228	201.00	2127	293.00	3031	424.00	6111
110.00	126024	202.00	119	294.00	894	425.00	724
111.00	19056	203.00	3391	295.00	693	426.00	56
112.00	2699	204.00	18088	296.00	39848	431.00	136
113.00	969	205.00	31688	297.00	5725	432.00	71
114.00	109	206.00	129056	298.00	434	433.00	162
116.00	4001	207.00	16362	299.00	132	434.00	119
117.00	61400	208.00	4018	301.00	538	435.00	442
118.00	4128	209.00	1615	302.00	764	436.00	598
119.00	574	210.00	1715	303.00	4400	437.00	763
120.00	953	211.00	5480	304.00	1037	438.00	1206
121.00	187	212.00	578	305.00	140	439.00	1490
122.00	4300	213.00	476	307.00	59	440.00	638
123.00	6460	214.00	233	308.00	684	441.00	95224
124.00	2707	215.00	1435	309.00	665	442.00	610816
125.00	2692	216.00	3036	310.00	529	443.00	117832
127.00	240448	217.00	32288	311.00	59	444.00	10734
128.00	18144	218.00	4729	312.00	60	445.00	738
129.00	96320	219.00	440	313.00	372		
130.00	7843	221.00	28680	314.00	2173		

Breakdown Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112775.D		
Injection Date:	21-Sep-2013 10:02:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182469	Lims Sample ID:	1
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 1433861
114 4,4'-DDD, Area = 40309
115 4,4'-DDE, Area = 2495

%Breakdown: 2.90%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

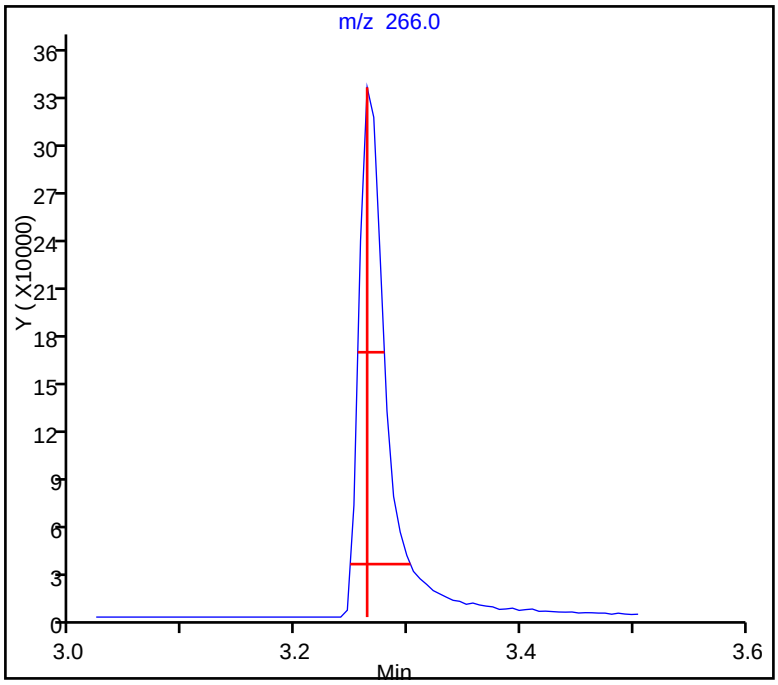
Data File:	\\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112775.D		
Injection Date:	21-Sep-2013 10:02:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182469	Lims Sample ID:	1
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.039 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 2.6, Max. Tailing < 3.00
Passed



Peak Tailing Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130921-4871.b\112775.D

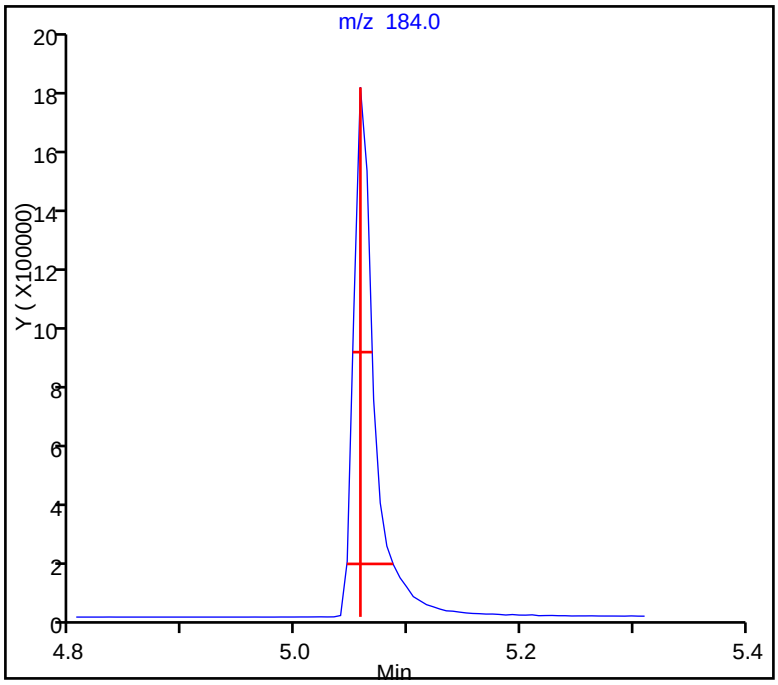
Injection Date:	21-Sep-2013 10:02:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182469	Lims Sample ID:	1
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.029 (min.)
Front Width = 0.012 (min.)

Tailing Factor = 2.4, Max. Tailing < 3.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20130923-4915.b\L112834.D
Lims ID: DFTPP Lab Sample ID:
Client ID:
Sample Type: DFTPP
Inject. Date: 23-Sep-2013 08:58:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0004915-001
Misc. Info.: DFTPP
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20130923-4915.b\8270_12.m
Limit Group: SV 8270 ICAL
Last Update: 24-Sep-2013 13:42:48 Calib Date: 16-Sep-2013 20:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D

Column 1 : Detector MS SCAN
Process Host: XAWRK022

First Level Reviewer: zhaoc Date: 23-Sep-2013 09:20:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	3.234	3.234	0.0	89	975390	0	7
89 Benzidine_T	184	5.028	5.028	0.0	99	2813093	0	7
120 DFTPP								
115 4,4'-DDE	246	5.263	5.263	0.0	66	4624	0	7
114 4,4'-DDD	235	5.675	5.675	0.0	90	55508	0	7
116 4,4'-DDT	235	5.998	5.998	0.0	97	2082742	0	7

QC Flag Legend

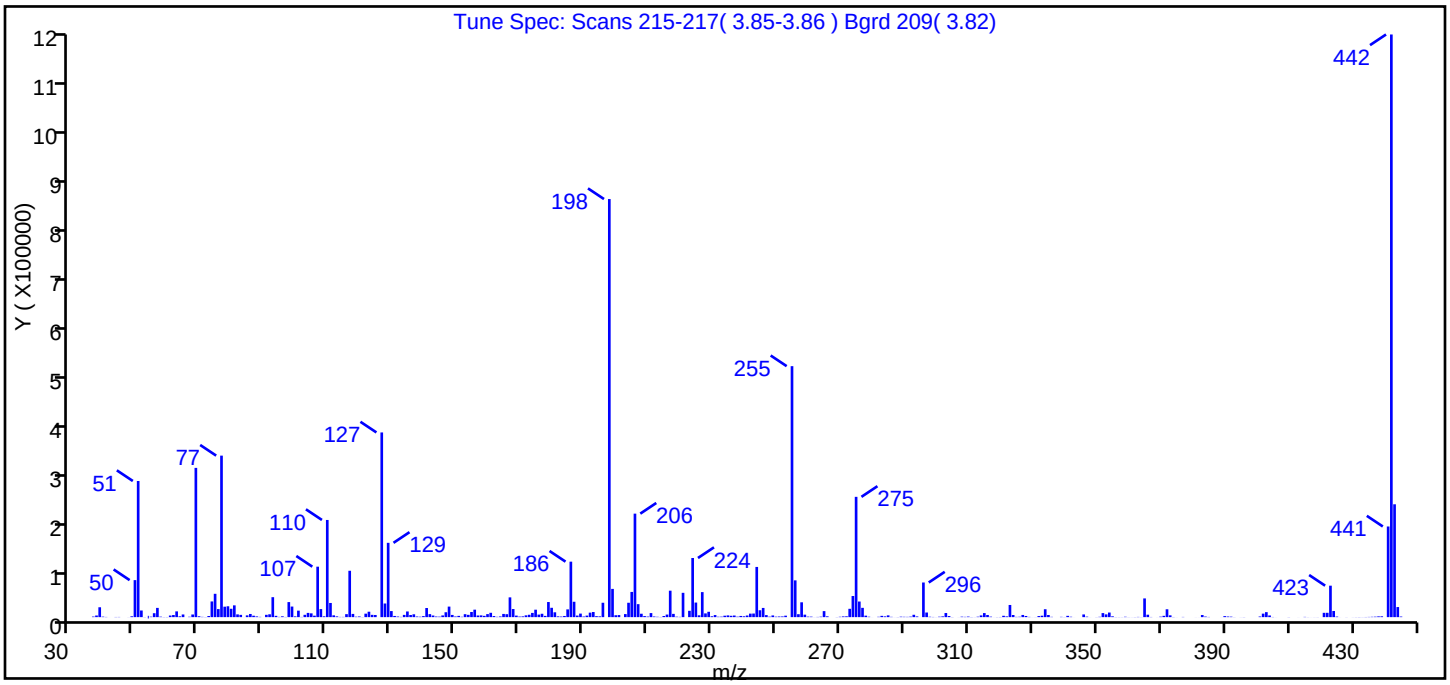
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130923-4915.b\L112834.D
Injection Date: 23-Sep-2013 08:58:30 Instrument ID: CBNAMS12
Lims ID: DFTPP Lab Sample ID:
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12 Limit Group: SV 8270 ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	32.56
68	Less than 2.00% of mass 69	0.63 (1.77)
69	Present	35.70
70	Less than 2.00% of mass 69	0.21 (0.58)
127	40.00 - 60.00% of mass 198	44.18
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.76
275	10.00 - 30.00% of mass 198	28.77
365	Greater than 1.00% of mass 198	4.48
441	Present, but less than mass 443%	21.68 (80.33)
442	Greater than 40.00% of mass 198	139.36
443	17.00 - 23.00% of mass 442	26.99 (19.37)

Data File: \\EDICHROM\ChromData\CBNAMS12\20130923-4915.b\L112834.D\8270_12.rslt\spectra.d
Injection Date: 23-Sep-2013 08:58:30
Spectrum: Tune Spec: Scans 215-217(3.85-3.86) Bgrd 209(3.82)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 366

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	1124	135.00	11019	230.00	1662	328.00	2252
38.00	3188	136.00	4186	231.00	4033	329.00	483
39.00	19208	137.00	5525	232.00	797	330.00	67
40.00	980	138.00	1210	233.00	975	331.00	147
41.00	388	139.00	798	234.00	2803	332.00	2100
42.00	37	140.00	2031	235.00	3370	333.00	2796
44.00	339	141.00	17728	236.00	2640	334.00	15362
45.00	386	142.00	5845	237.00	3134	335.00	4153
48.00	113	143.00	3157	238.00	902	336.00	581
49.00	1621	144.00	1181	239.00	2326	339.00	572
50.00	71928	145.00	962	240.00	1648	340.00	186
51.00	264512	146.00	3315	241.00	3170	341.00	2524
52.00	12921	147.00	9540	242.00	6819	342.00	763
53.00	231	148.00	20488	243.00	7013	343.00	55
54.00	3	149.00	4295	244.00	97536	346.00	5240
55.00	894	150.00	1226	245.00	13400	347.00	983
56.00	7634	151.00	2475	246.00	17904	348.00	62
57.00	17960	152.00	687	247.00	3976	350.00	189
58.00	928	153.00	5742	248.00	938	351.00	640
59.00	264	154.00	4465	249.00	3308	352.00	7869
60.00	291	155.00	10006	250.00	913	353.00	5378
61.00	3104	156.00	14515	251.00	1241	354.00	8933
62.00	4102	157.00	3197	252.00	1343	355.00	1594
63.00	11214	158.00	3414	253.00	2843	356.00	219
64.00	1558	159.00	2513	255.00	487616	357.00	189
65.00	5186	160.00	5878	256.00	71456	358.00	164
67.00	735	161.00	8445	257.00	5707	359.00	720
68.00	5147	162.00	2108	258.00	28832	360.00	169
69.00	289984	163.00	632	259.00	4822	361.00	103
70.00	1680	164.00	1335	260.00	1012	362.00	232
71.00	539	165.00	6243	261.00	940	363.00	440
72.00	277	166.00	5731	262.00	122	364.00	179
73.00	2183	167.00	38440	263.00	410	365.00	36376

Report Date: 24-Sep-2013 13:42:48 Chrom Revision: 2.1 16-Sep-2013 13:53:52
Data File: \\EDICHROM\ChromData\CBNAMS12\20130923-4915.b\L112834.D\8270_12.rslt\spectra.d
Injection Date: 23-Sep-2013 08:58:30
Spectrum: Tune Spec: Scans 215-217(3.85-3.86) Bgrd 209(3.82)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 366

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	30504	168.00	15762	264.00	900	366.00	4727
75.00	45352	169.00	3003	265.00	11703	367.00	354
76.00	15647	170.00	1127	266.00	1564	369.00	61
77.00	313792	171.00	1505	269.00	221	370.00	933
78.00	20320	172.00	3499	270.00	721	371.00	2546
79.00	21120	173.00	4617	271.00	1404	372.00	15294
80.00	16288	174.00	8222	272.00	1610	373.00	3493
81.00	22896	175.00	14471	273.00	16202	374.00	309
82.00	5347	176.00	4929	274.00	41056	375.00	66
83.00	4412	177.00	6573	275.00	233728	377.00	416
84.00	68	178.00	2446	276.00	30344	381.00	71
85.00	3449	179.00	29368	277.00	18080	382.00	56
86.00	6143	180.00	18176	278.00	2875	383.00	4115
87.00	2779	181.00	9403	279.00	823	384.00	1116
88.00	1410	182.00	1518	280.00	57	385.00	389
89.00	505	183.00	1133	282.00	676	389.00	75
91.00	4510	184.00	2266	283.00	2507	390.00	1963
92.00	5527	185.00	15073	284.00	1476	391.00	1213
93.00	38776	186.00	107800	285.00	3436	392.00	944
94.00	2547	187.00	29888	286.00	571	393.00	167
95.00	483	188.00	3076	287.00	90	395.00	93
96.00	1615	189.00	6875	288.00	222	396.00	213
97.00	344	190.00	1165	289.00	903	401.00	1241
98.00	29248	191.00	2996	290.00	657	402.00	6814
99.00	20568	192.00	8725	291.00	547	403.00	9718
100.00	1485	193.00	9976	292.00	1013	404.00	3273
101.00	12604	194.00	1877	293.00	4594	405.00	331
102.00	401	195.00	1503	294.00	1364	406.00	56
103.00	4522	196.00	27960	296.00	67312	410.00	218
104.00	8237	198.00	812288	297.00	8980	413.00	62
105.00	7363	199.00	54872	298.00	766	415.00	471
106.00	2845	200.00	3706	299.00	376	416.00	152
107.00	98048	201.00	4022	300.00	116	417.00	60
108.00	15655	203.00	5937	301.00	873	418.00	110

Report Date: 24-Sep-2013 13:42:48 Chrom Revision: 2.1 16-Sep-2013 13:53:52
Data File: \\EDICHROM\ChromData\CBNAMS12\20130923-4915.b\L112834.D\8270_12.rslt\spectra.d
Injection Date: 23-Sep-2013 08:58:30
Spectrum: Tune Spec: Scans 215-217(3.85-3.86) Bgrd 209(3.82)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 366

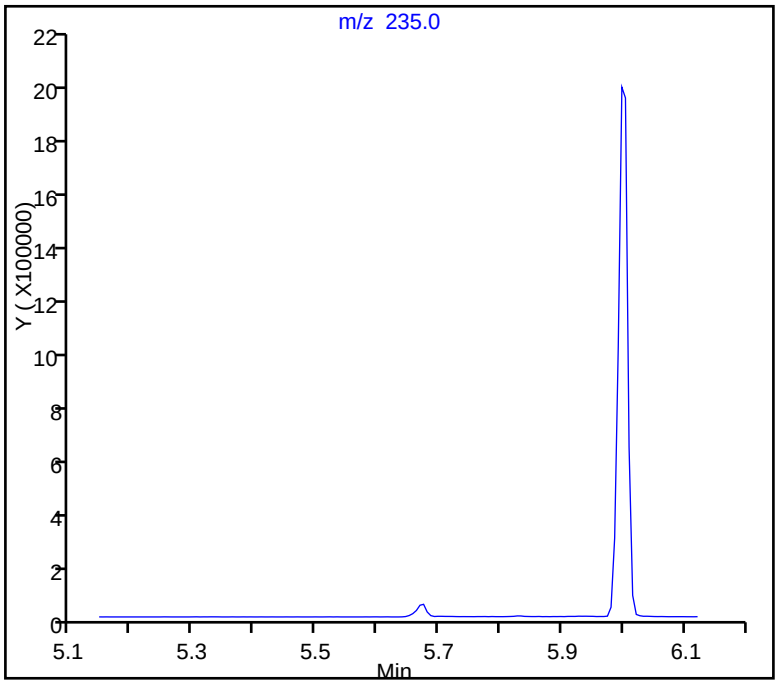
m/z	Y	m/z	Y	m/z	Y	m/z	Y
109.00	1573	204.00	27944	302.00	1495	419.00	144
110.00	188800	205.00	48976	303.00	8008	421.00	8392
111.00	27528	206.00	201088	304.00	2121	422.00	8425
112.00	3521	207.00	25232	305.00	247	423.00	61136
113.00	1511	208.00	6614	307.00	86	424.00	11920
114.00	431	209.00	2033	308.00	925	425.00	1083
115.00	450	210.00	1103	309.00	577	426.00	60
116.00	5799	211.00	7884	310.00	1093	428.00	136
117.00	90088	212.00	1235	311.00	285	430.00	106
118.00	6268	213.00	698	312.00	136	431.00	181
119.00	859	214.00	328	313.00	835	432.00	243
120.00	1304	215.00	2197	314.00	3354	433.00	158
121.00	253	216.00	5006	315.00	7903	434.00	307
122.00	6738	217.00	51392	316.00	4196	435.00	438
123.00	10551	218.00	6352	317.00	956	436.00	678
124.00	4457	219.00	875	318.00	72	437.00	896
125.00	4201	220.00	519	319.00	223	438.00	1475
127.00	358848	221.00	47256	320.00	319	439.00	1596
128.00	26504	223.00	12315	321.00	2629	441.00	176128
129.00	144384	224.00	114912	322.00	1449	442.00	1132032
130.00	11776	225.00	28336	323.00	23648	443.00	219264
131.00	2303	226.00	3542	324.00	4156	444.00	19608
132.00	1198	227.00	48632	325.00	507	445.00	1151
133.00	488	228.00	7266	326.00	741		
134.00	4374	229.00	10402	327.00	4250		

Breakdown Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130923-4915.b\L112834.D
Injection Date: 23-Sep-2013 08:58:30 Instrument ID: CBNAMS12
Lims ID: DFTPP Lab Sample ID:
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12 Limit Group: SV 8270 ICAL

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 2082742
114 4,4'-DDD, Area = 55508
115 4,4'-DDE, Area = 4624

%Breakdown: 2.81%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

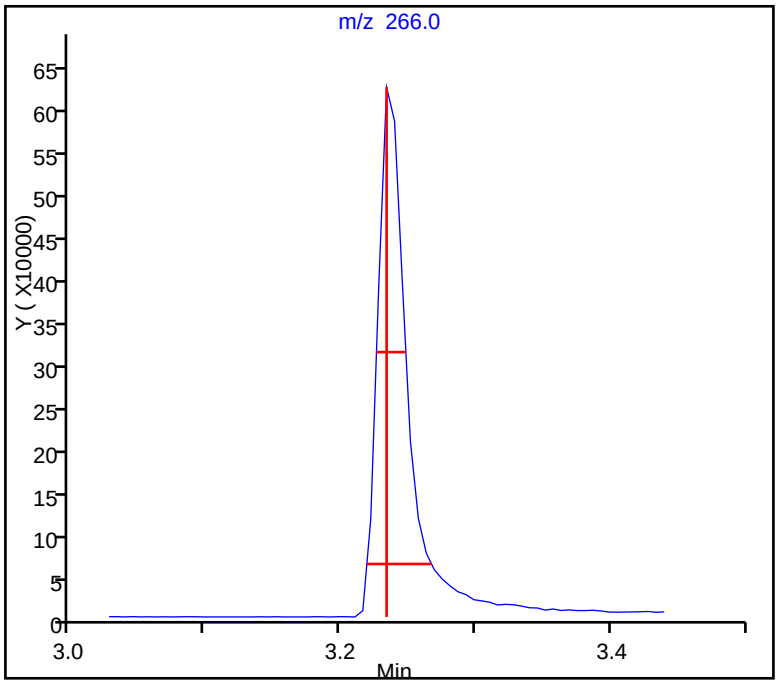
Data File: \\EDICHROM\ChromData\CBNAMS12\20130923-4915.b\L112834.D
Injection Date: 23-Sep-2013 08:58:30 Instrument ID: CBNAMS12
Lims ID: DFTPP Lab Sample ID:
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12 Limit Group: SV 8270 ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.033 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 2.3, Max. Tailing < 3.00
Passed



Peak Tailing Report

TestAmerica Edison

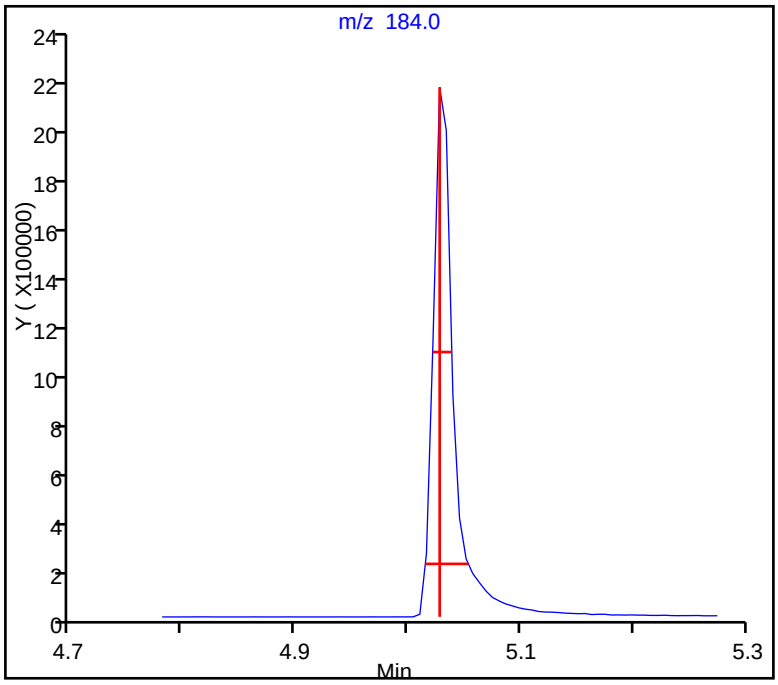
Data File: \\EDICHROM\ChromData\CBNAMS12\20130923-4915.b\L112834.D
Injection Date: 23-Sep-2013 08:58:30 Instrument ID: CBNAMS12
Lims ID: DFTPP Lab Sample ID:
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12 Limit Group: SV 8270 ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.026 (min.)
Front Width = 0.013 (min.)

Tailing Factor = 2.0, Max. Tailing < 3.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS6\20130831-4188.b\M68895.D		
Lims ID:	DFTPP	Client ID:	
Inject. Date:	31-Aug-2013 10:55:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	460-0004188-001		
Misc. Info.:	dftpp		
Operator:		Instrument ID:	CBNAMS6
Injection Vol:	5.0 ul	ALS Bottle#:	1
Lims Batch ID:	179169	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS6\20130831-4188.b\8270LVI_6.m		
Last Update:	03-Sep-2013 10:08:41	Calib Date:	31-Aug-2013 13:07:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS6\20130831-4188.b\M68901.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm
Process Host:	XAWRK034		

First Level Reviewer: ranav Date: 31-Aug-2013 11:00:51

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	4.191	4.191	0.0	79	449630	0	7
89 Benzidine_T	184	5.851	5.851	0.0	97	1857824	0	7
120 DFTPP								
114 4,4'-DDD	235	6.458	6.458	0.0	78	19073	0	7
116 4,4'-DDT	235	6.762	6.762	0.0	94	1153135	0	7

QC Flag Legend

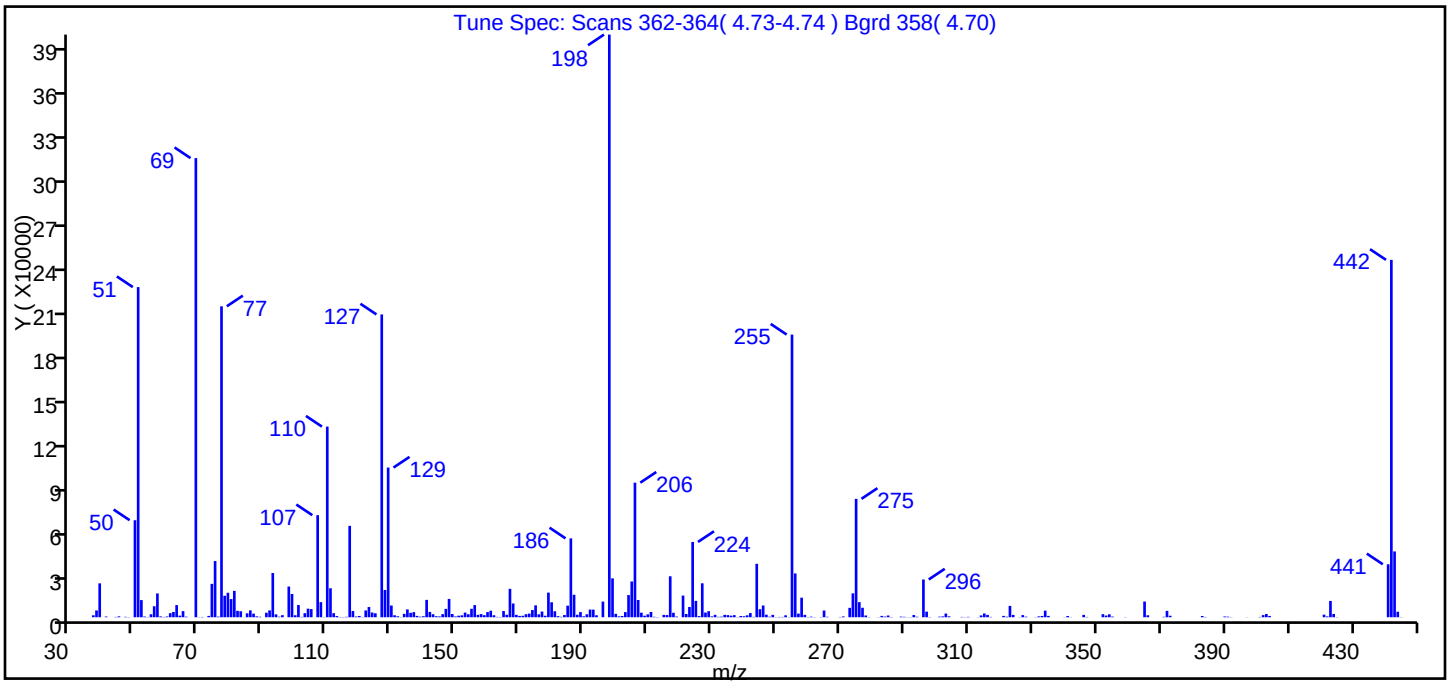
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS6\20130831-4188.b\M68895.D		
Injection Date:	31-Aug-2013 10:55:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	179169	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm
Tune Method:	DFTPP Method 8270		

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	56.66
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	78.80
70	Less than 2.00% of mass 69	0.03 (0.04)
127	40.00 - 60.00% of mass 198	51.97
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.68
275	10.00 - 30.00% of mass 198	20.32
365	Greater than 1.00% of mass 198	2.71
441	Present, but less than mass 443%	9.09 (80.46)
442	Greater than 40.00% of mass 198	61.34
443	17.00 - 23.00% of mass 442	11.30 (18.42)

Data File: \\EDICHROM\ChromData\CBNAMS6\20130831-4188.b\M68895.D\8270LVI_6.rslt\spectra.d
Injection Date: 31-Aug-2013 10:55:30
Spectrum: Tune Spec: Scans 362-364(4.73-4.74) Bgrd 358(4.70)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 295

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	1332	122.00	4611	199.00	26320	282.00	116
38.00	4604	123.00	6918	200.00	2327	283.00	916
39.00	22944	124.00	3208	201.00	611	284.00	444
41.00	502	125.00	2678	202.00	861	285.00	1190
44.00	213	127.00	204928	203.00	3485	286.00	178
45.00	626	128.00	18456	204.00	15013	289.00	430
47.00	290	129.00	101296	205.00	24208	290.00	305
48.00	152	130.00	7952	206.00	91080	291.00	102
50.00	65672	131.00	1345	207.00	11667	292.00	135
51.00	223424	132.00	675	208.00	3096	293.00	1503
52.00	11630	133.00	138	209.00	1046	294.00	346
53.00	487	134.00	2313	210.00	1970	296.00	25560
54.00	124	135.00	5317	211.00	3589	297.00	3789
55.00	2027	136.00	3003	212.00	316	298.00	188
56.00	7446	137.00	3483	213.00	170	301.00	410
57.00	16118	138.00	930	215.00	1615	302.00	576
58.00	582	139.00	386	216.00	1481	303.00	2492
59.00	196	140.00	692	217.00	27736	304.00	630
60.00	515	141.00	11758	218.00	3043	308.00	241
61.00	2751	142.00	3612	219.00	483	309.00	120
62.00	3564	143.00	2048	221.00	14671	310.00	277
63.00	8234	144.00	698	222.00	2196	313.00	100
64.00	1108	145.00	568	223.00	6958	314.00	1241
65.00	4148	146.00	2104	224.00	50960	315.00	2554
66.00	397	147.00	5692	225.00	11101	316.00	1614
69.00	310720	148.00	12393	226.00	785	317.00	247
70.00	110	149.00	2185	227.00	22984	321.00	927
71.00	220	150.00	518	228.00	3175	322.00	394
73.00	918	151.00	1063	229.00	4107	323.00	7706
74.00	22600	152.00	1292	230.00	580	324.00	1604
75.00	38056	153.00	3162	231.00	1655	326.00	115
76.00	421	154.00	2009	232.00	287	327.00	1456
77.00	210432	155.00	5726	233.00	408	328.00	390

Report Date: 03-Sep-2013 10:08:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS6\20130831-4188.b\M68895.D\8270LVI_6.rslt\spectra.d
Injection Date: 31-Aug-2013 10:55:30
Spectrum: Tune Spec: Scans 362-364(4.73-4.74) Bgrd 358(4.70)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 295

m/z	Y	m/z	Y	m/z	Y	m/z	Y
78.00	14554	156.00	8221	234.00	1629	331.00	112
79.00	16592	157.00	1651	235.00	1438	332.00	596
80.00	12304	158.00	2152	236.00	1078	333.00	868
81.00	17864	159.00	1392	237.00	1426	334.00	4460
82.00	4336	160.00	3503	238.00	140	335.00	920
83.00	4054	161.00	4449	239.00	835	340.00	101
84.00	65	162.00	1341	240.00	667	341.00	847
85.00	2646	163.00	240	241.00	1309	342.00	107
86.00	4681	164.00	196	242.00	2828	346.00	1611
87.00	2447	165.00	4207	243.00	235	347.00	237
88.00	608	166.00	1726	244.00	36176	352.00	2091
89.00	332	167.00	19232	245.00	5446	353.00	1173
91.00	3056	168.00	9316	246.00	7975	354.00	1992
92.00	4651	169.00	1638	247.00	1737	355.00	450
93.00	29936	170.00	928	248.00	368	359.00	129
94.00	1961	171.00	1013	249.00	1609	365.00	10667
95.00	368	172.00	2057	250.00	120	366.00	1349
96.00	1405	173.00	2462	251.00	220	371.00	294
98.00	20792	174.00	4884	252.00	225	372.00	4321
99.00	15756	175.00	8072	253.00	1314	373.00	1020
100.00	1349	176.00	1981	254.00	115	383.00	868
101.00	8300	177.00	3878	255.00	191296	384.00	195
102.00	234	178.00	1032	256.00	29656	390.00	517
103.00	2753	179.00	16680	257.00	2478	391.00	417
104.00	5817	180.00	10139	258.00	13255	392.00	125
105.00	5527	181.00	4077	259.00	1633	397.00	106
107.00	69080	182.00	760	260.00	186	401.00	219
108.00	10215	183.00	274	261.00	415	402.00	1461
109.00	135	184.00	1513	262.00	136	403.00	2201
110.00	129016	185.00	7829	264.00	145	404.00	885
111.00	19616	186.00	53392	265.00	4576	421.00	1742
112.00	2750	187.00	15218	266.00	319	422.00	568
113.00	822	188.00	1706	270.00	192	423.00	11044
114.00	176	189.00	3512	271.00	559	424.00	2225

Report Date: 03-Sep-2013 10:08:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS6\20130831-4188.b\M68895.D\8270LVI_6.rslt\spectra.d
Injection Date: 31-Aug-2013 10:55:30
Spectrum: Tune Spec: Scans 362-364(4.73-4.74) Bgrd 358(4.70)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 295

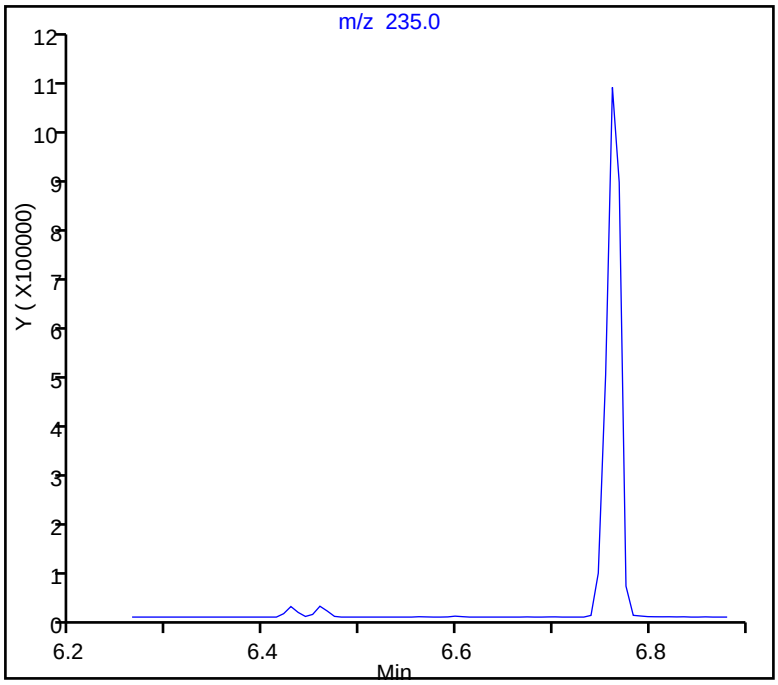
m/z	Y	m/z	Y	m/z	Y	m/z	Y
115.00	173	190.00	618	273.00	6375	425.00	132
116.00	301	191.00	2003	274.00	16191	441.00	35848
117.00	61848	192.00	5213	275.00	80128	442.00	241856
118.00	4224	193.00	5148	276.00	10234	443.00	44552
119.00	495	194.00	1361	277.00	6418	444.00	3739
120.00	861	196.00	10614	278.00	1204	445.00	117
121.00	134	198.00	394304	279.00	145		

Breakdown Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS6\20130831-4188.b\M68895.D		
Injection Date:	31-Aug-2013 10:55:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	179169	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 1153135
114 4,4'-DDD, Area = 19073
115 4,4'-DDE, Area = 0

%Breakdown: 1.63%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

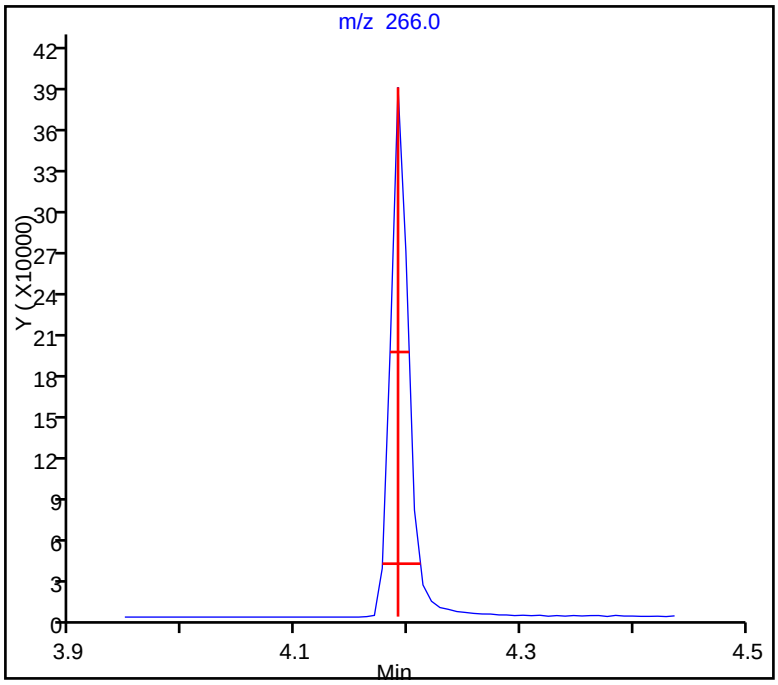
Data File:	\\EDICHROM\ChromData\CBNAMS6\20130831-4188.b\M68895.D		
Injection Date:	31-Aug-2013 10:55:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	179169	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.020 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 1.4, Max. Tailing < 3.00
Passed



Peak Tailing Report

TestAmerica Edison

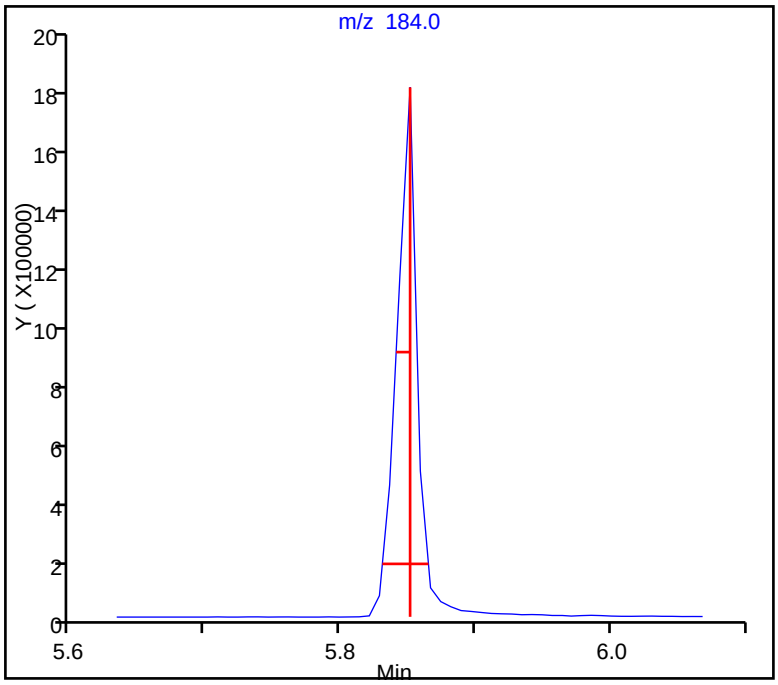
Data File:	\\EDICHROM\ChromData\CBNAMS6\20130831-4188.b\M68895.D		
Injection Date:	31-Aug-2013 10:55:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	179169	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.014 (min.)
Front Width = 0.021 (min.)

Tailing Factor = 0.7, Max. Tailing < 3.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS6\20130918-4746.b\M69497.D		
Lims ID:	DFTPP	Client ID:	
Inject. Date:	18-Sep-2013 02:30:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	460-0004746-001		
Misc. Info.:	dftpp		
Operator:		Instrument ID:	CBNAMS6
Injection Vol:	5.0 ul	ALS Bottle#:	1
Lims Batch ID:	181879	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS6\20130918-4746.b\8270LVI_6.m		
Last Update:	18-Sep-2013 15:00:00	Calib Date:	31-Aug-2013 13:07:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS6\20130831-4188.b\M68901.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm
Process Host:	XAWRK035		

First Level Reviewer: asfawa Date: 18-Sep-2013 03:41:33

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	3.921	3.921	0.0	78	481191	0	7
89 Benzidine_T	184	5.570	5.570	0.0	98	1224395	0	7
120 DFTPP								
114 4,4'-DDD	235	6.178	6.178	0.0	72	16361	0	7
116 4,4'-DDT	235	6.483	6.483	0.0	95	657894	0	7

QC Flag Legend

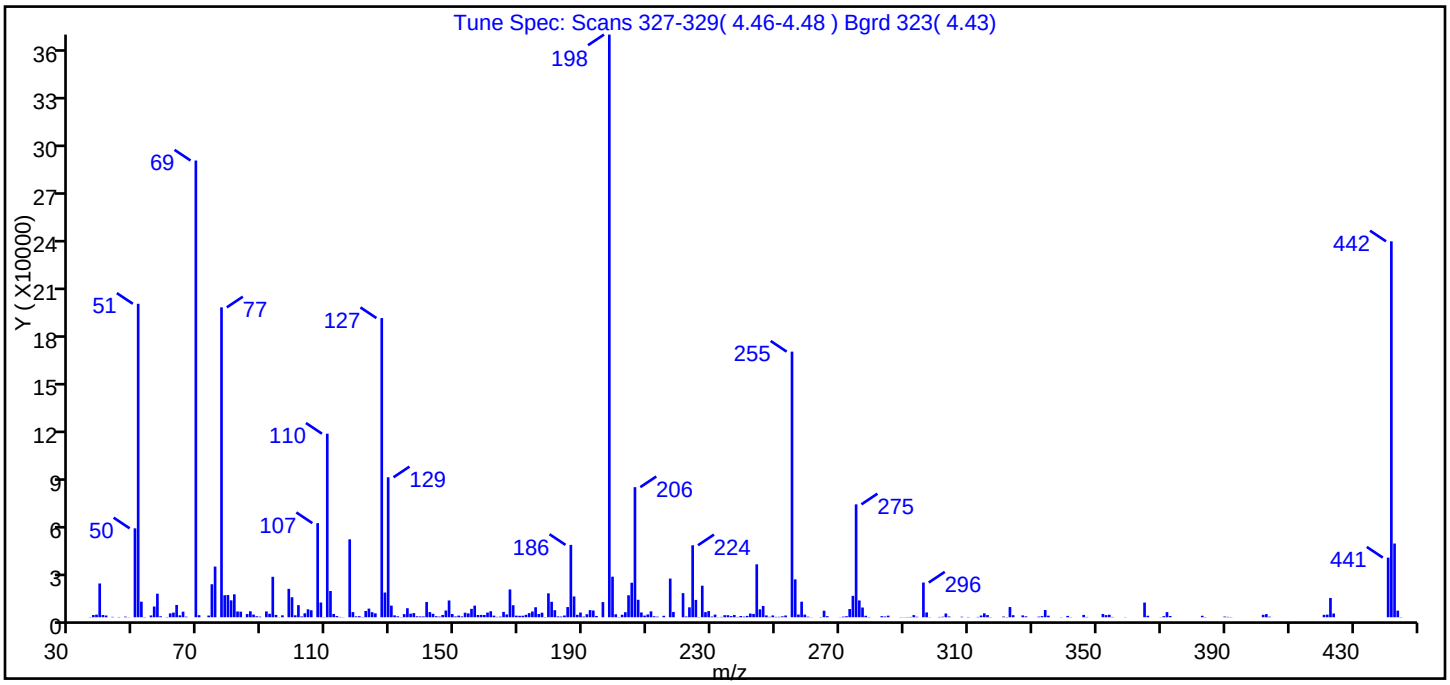
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS6\20130918-4746.b\M69497.D		
Injection Date:	18-Sep-2013 02:30:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	181879	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm
Tune Method:	DFTPP Method 8270		

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	53.80
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	78.39
70	Less than 2.00% of mass 69	0.35 (0.45)
127	40.00 - 60.00% of mass 198	51.35
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.96
275	10.00 - 30.00% of mass 198	19.38
365	Greater than 1.00% of mass 198	2.52
441	Present, but less than mass 443%	10.24 (80.90)
442	Greater than 40.00% of mass 198	64.52
443	17.00 - 23.00% of mass 442	12.65 (19.61)

Data File: \\EDICHROM\ChromData\CBNAMS6\20130918-4746.b\M69497.D\8270LVI_6.rslt\spectra.d
Injection Date: 18-Sep-2013 02:30:30
Spectrum: Tune Spec: Scans 327-329(4.46-4.48) Bgrd 323(4.43)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 282

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	153	122.00	3932	194.00	804	277.00	6110
37.00	1386	123.00	5417	196.00	9523	278.00	925
38.00	1647	124.00	3173	198.00	365440	279.00	166
39.00	21184	125.00	2451	199.00	25432	283.00	685
40.00	1393	127.00	187648	200.00	1846	284.00	472
41.00	1093	128.00	15506	201.00	178	285.00	999
43.00	259	129.00	87792	202.00	1548	289.00	139
45.00	185	130.00	7316	203.00	3168	290.00	100
47.00	407	131.00	1187	204.00	13791	291.00	165
48.00	110	132.00	606	205.00	21656	292.00	202
50.00	55768	133.00	128	206.00	81592	293.00	1348
51.00	196608	134.00	1950	207.00	10955	294.00	310
52.00	9745	135.00	5661	208.00	3008	296.00	21768
53.00	174	136.00	2248	209.00	1037	297.00	3014
55.00	1142	137.00	2621	210.00	1747	298.00	127
56.00	6743	138.00	609	211.00	3703	301.00	204
57.00	14774	139.00	528	212.00	606	302.00	334
58.00	608	140.00	515	213.00	376	303.00	2348
60.00	169	141.00	9557	215.00	905	304.00	477
61.00	2434	142.00	3245	217.00	24264	308.00	332
62.00	2910	143.00	2158	218.00	3331	310.00	181
63.00	7706	144.00	650	221.00	15130	313.00	202
64.00	1192	145.00	424	222.00	466	314.00	1090
65.00	3514	146.00	1445	223.00	6235	315.00	2450
66.00	368	147.00	4243	224.00	45160	316.00	1371
69.00	286464	148.00	10532	225.00	10863	317.00	126
70.00	1292	149.00	2007	226.00	179	321.00	454
73.00	1054	150.00	496	227.00	19792	322.00	149
74.00	20704	151.00	1043	228.00	3220	323.00	6411
75.00	31792	152.00	543	229.00	3877	324.00	1294
77.00	194368	153.00	2847	230.00	454	327.00	1175
78.00	13816	154.00	2415	231.00	1660	328.00	582
79.00	13946	155.00	5269	232.00	129	332.00	387

Report Date: 18-Sep-2013 15:00:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS6\20130918-4746.b\M69497.D\8270LVI_6.rslt\spectra.d
Injection Date: 18-Sep-2013 02:30:30
Spectrum: Tune Spec: Scans 327-329(4.46-4.48) Bgrd 323(4.43)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 282

m/z	Y	m/z	Y	m/z	Y	m/z	Y
80.00	10616	156.00	7287	233.00	239	333.00	698
81.00	14395	157.00	1439	234.00	1290	334.00	4536
82.00	3628	158.00	1462	235.00	1281	335.00	965
83.00	3514	159.00	1398	236.00	730	339.00	127
84.00	57	160.00	2937	237.00	1427	341.00	849
85.00	2023	161.00	3763	238.00	223	342.00	122
86.00	3755	162.00	1005	239.00	793	346.00	1472
87.00	1657	163.00	255	240.00	394	347.00	220
88.00	614	164.00	396	241.00	850	352.00	2065
89.00	390	165.00	3369	242.00	2326	353.00	1346
91.00	3666	166.00	1750	243.00	2074	354.00	1580
92.00	2179	167.00	17440	244.00	33200	355.00	208
93.00	25376	168.00	7530	245.00	4954	359.00	114
94.00	1463	169.00	1023	246.00	7089	365.00	9213
95.00	114	170.00	922	247.00	1159	366.00	934
96.00	1204	171.00	960	248.00	283	370.00	121
98.00	17824	172.00	1544	249.00	1146	371.00	684
99.00	12549	173.00	2581	250.00	254	372.00	3235
100.00	1233	174.00	3618	251.00	287	373.00	784
101.00	7595	175.00	6276	252.00	572	383.00	934
102.00	506	176.00	2032	253.00	1099	384.00	170
103.00	2487	177.00	2852	255.00	166592	390.00	423
104.00	4988	178.00	161	256.00	23760	391.00	258
105.00	4388	179.00	15012	257.00	1711	392.00	148
107.00	59040	180.00	9699	258.00	9756	402.00	1534
108.00	9253	181.00	4429	259.00	1656	403.00	1953
109.00	146	182.00	542	260.00	389	404.00	373
110.00	115144	183.00	435	261.00	114	421.00	1536
111.00	16464	184.00	1102	264.00	192	422.00	1651
112.00	2073	185.00	6396	265.00	4103	423.00	12086
113.00	754	186.00	45384	266.00	689	424.00	2341
114.00	203	187.00	13046	270.00	109	441.00	37408
115.00	110	188.00	1544	271.00	419	442.00	235776
117.00	48864	189.00	2955	272.00	652	443.00	46240

Report Date: 18-Sep-2013 15:00:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS6\20130918-4746.b\M69497.D\8270LVI_6.rslt\spectra.d
Injection Date: 18-Sep-2013 02:30:30
Spectrum: Tune Spec: Scans 327-329(4.46-4.48) Bgrd 323(4.43)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 282

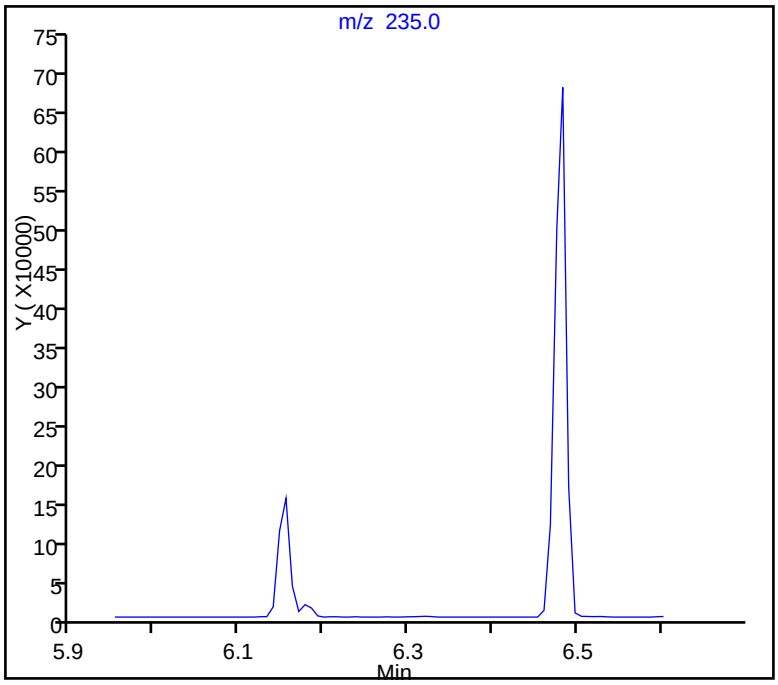
m/z	Y	m/z	Y	m/z	Y	m/z	Y
118.00	3232	190.00	416	273.00	5150	444.00	4153
119.00	557	191.00	1892	274.00	13429	445.00	159
120.00	676	192.00	4481	275.00	70808		
121.00	177	193.00	4221	276.00	10545		

Breakdown Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS6\20130918-4746.b\M69497.D		
Injection Date:	18-Sep-2013 02:30:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	181879	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 657894
114 4,4'-DDD, Area = 16361
115 4,4'-DDE, Area = 0

%Breakdown: 2.43%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS6\20130918-4746.b\M69497.D

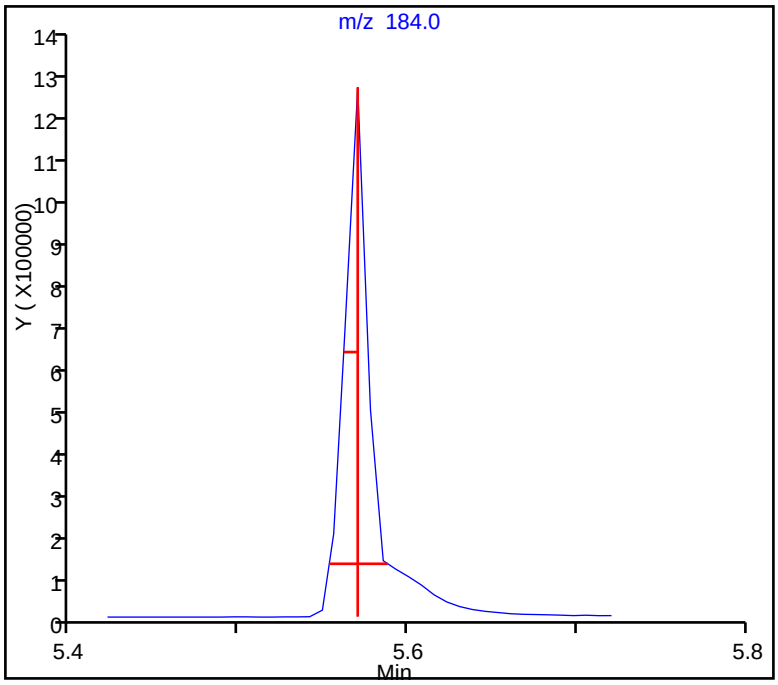
Injection Date:	18-Sep-2013 02:30:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	181879	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.1, Max. Tailing < 3.00
Passed



Peak Tailing Report

TestAmerica Edison

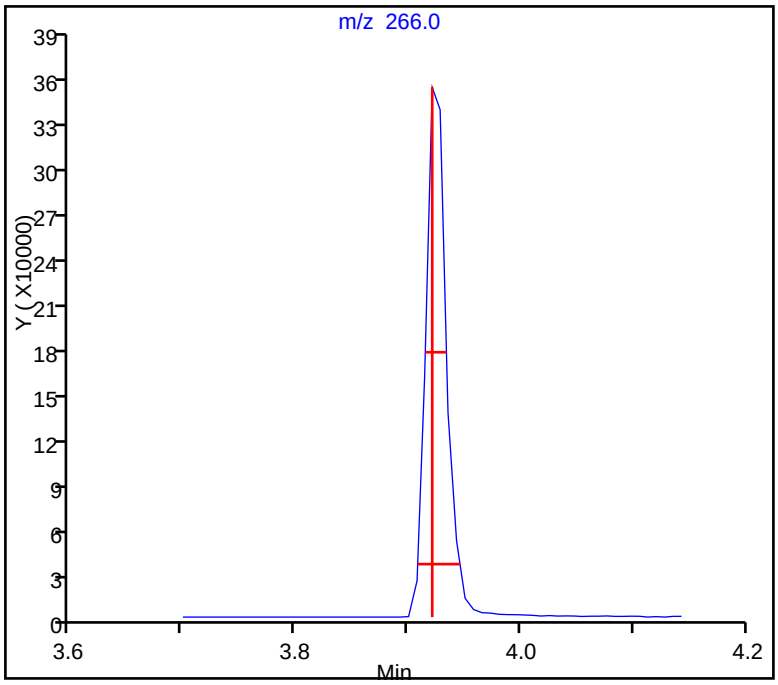
Data File:	\\EDICHROM\ChromData\CBNAMS6\20130918-4746.b\M69497.D		
Injection Date:	18-Sep-2013 02:30:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	181879	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.025 (min.)
Front Width = 0.013 (min.)

Tailing Factor = 1.9, Max. Tailing < 3.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS6\20130918-4779.b\M69527.D		
Lims ID:	DFTPP	Client ID:	
Inject. Date:	18-Sep-2013 15:39:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	460-0004779-001		
Misc. Info.:	dftpp		
Operator:		Instrument ID:	CBNAMS6
Injection Vol:	5.0 ul	ALS Bottle#:	1
Lims Batch ID:	182022	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS6\20130918-4779.b\8270LVI_6.m		
Last Update:	19-Sep-2013 11:38:02	Calib Date:	31-Aug-2013 13:07:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS6\20130831-4188.b\M68901.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm
Process Host:	XAWRK053		
First Level Reviewer: croccom		Date:	18-Sep-2013 15:44:00

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	3.911	3.911	0.0	79	504406	0	7
89 Benzidine_T	184	5.560	5.560	0.0	98	1439990	0	7
120 DFTPP								
114 4,4'-DDD	235	6.160	6.160	0.0	74	19938	0	7
116 4,4'-DDT	235	6.467	6.467	0.0	94	1098764	0	7

QC Flag Legend

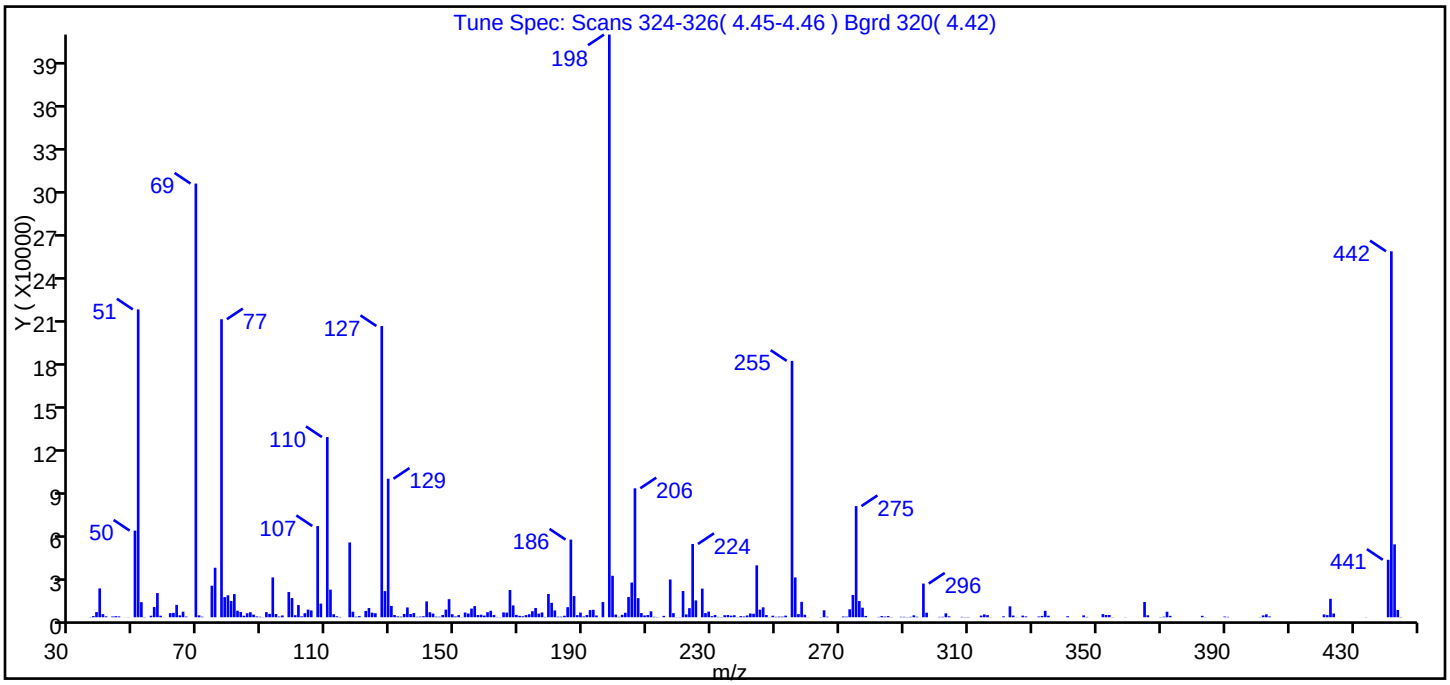
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS6\20130918-4779.b\M69527.D		
Injection Date:	18-Sep-2013 15:39:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	182022	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm
Tune Method:	DFTPP Method 8270		

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	52.83
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	74.43
70	Less than 2.00% of mass 69	0.32 (0.43)
127	40.00 - 60.00% of mass 198	49.98
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.12
275	10.00 - 30.00% of mass 198	19.08
365	Greater than 1.00% of mass 198	2.63
441	Present, but less than mass 443%	9.86 (78.82)
442	Greater than 40.00% of mass 198	62.81
443	17.00 - 23.00% of mass 442	12.51 (19.92)

Data File: \\EDICHROM\ChromData\CBNAMS6\20130918-4779.b\M69527.D\8270LVI_6.rslt\spectra.d
Injection Date: 18-Sep-2013 15:39:30
Spectrum: Tune Spec: Scans 324-326(4.45-4.46) Bgrd 320(4.42)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 279

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	151	122.00	4347	193.00	5111	276.00	11163
37.00	828	123.00	6316	194.00	1215	277.00	6563
38.00	3552	124.00	3153	196.00	10454	278.00	913
39.00	19824	125.00	2778	198.00	400256	282.00	241
40.00	2132	127.00	200064	199.00	28496	283.00	822
41.00	624	128.00	17952	200.00	1847	284.00	455
43.00	548	129.00	95160	201.00	304	285.00	825
44.00	752	130.00	7798	202.00	1643	286.00	142
45.00	606	131.00	1519	203.00	3082	289.00	322
47.00	53	132.00	604	204.00	13889	290.00	301
48.00	113	133.00	443	205.00	23832	291.00	161
50.00	59520	134.00	2282	206.00	88592	292.00	300
51.00	211456	135.00	6734	207.00	13144	293.00	1325
52.00	10356	136.00	2251	208.00	2871	294.00	344
53.00	176	137.00	2933	209.00	1242	296.00	23136
55.00	1048	138.00	340	210.00	1569	297.00	3130
56.00	7037	139.00	478	211.00	4084	301.00	285
57.00	16608	140.00	697	212.00	311	302.00	319
58.00	1041	141.00	10898	213.00	201	303.00	2704
59.00	68	142.00	3451	215.00	948	304.00	639
61.00	2825	143.00	2528	217.00	25920	308.00	278
62.00	3012	144.00	412	218.00	2839	309.00	172
63.00	8481	145.00	373	219.00	129	310.00	199
64.00	1310	146.00	1581	220.00	141	314.00	1139
65.00	3830	147.00	5272	221.00	18008	315.00	1942
66.00	441	148.00	12445	222.00	1963	316.00	1464
69.00	297920	149.00	2053	223.00	6263	317.00	119
70.00	1293	150.00	552	224.00	50336	321.00	635
71.00	390	151.00	1472	225.00	11590	323.00	7497
74.00	21696	152.00	131	227.00	19680	324.00	1137
75.00	34016	153.00	3261	228.00	2865	325.00	114
77.00	204736	154.00	2569	229.00	3895	327.00	1125
78.00	13838	155.00	5956	230.00	777	328.00	572

Report Date: 19-Sep-2013 11:38:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS6\20130918-4779.b\M69527.D\8270LVI_6.rslt\spectra.d
Injection Date: 18-Sep-2013 15:39:30
Spectrum: Tune Spec: Scans 324-326(4.45-4.46) Bgrd 320(4.42)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 279

m/z	Y	m/z	Y	m/z	Y	m/z	Y
79.00	15080	156.00	7671	231.00	1515	332.00	509
80.00	11216	157.00	1534	232.00	264	333.00	912
81.00	15920	158.00	1761	233.00	178	334.00	4427
82.00	4474	159.00	1155	234.00	1397	335.00	1050
83.00	3619	160.00	3480	235.00	1503	341.00	714
84.00	1040	161.00	4474	236.00	1077	346.00	1294
85.00	2737	162.00	1506	237.00	1387	347.00	255
86.00	3455	163.00	224	238.00	154	352.00	2160
87.00	1832	164.00	119	239.00	776	353.00	1533
88.00	569	165.00	3332	240.00	529	354.00	1537
89.00	359	166.00	3210	241.00	1209	355.00	134
90.00	100	167.00	18712	242.00	2582	359.00	118
91.00	3541	168.00	8149	243.00	2417	365.00	10508
92.00	2353	169.00	1629	244.00	35664	366.00	1355
93.00	27376	170.00	982	245.00	5225	370.00	181
94.00	2210	171.00	687	246.00	6824	371.00	401
95.00	488	172.00	1443	247.00	1522	372.00	3801
96.00	1231	173.00	2068	248.00	101	373.00	949
98.00	17320	174.00	4165	249.00	1059	383.00	976
99.00	13197	175.00	6386	250.00	297	384.00	100
100.00	1402	176.00	2491	251.00	468	390.00	482
101.00	8384	177.00	3285	252.00	423	391.00	274
102.00	621	178.00	226	253.00	1109	401.00	145
103.00	2794	179.00	15970	255.00	176128	402.00	1272
104.00	5241	180.00	9902	256.00	27352	403.00	2005
105.00	4693	181.00	4680	257.00	2178	404.00	566
107.00	62648	182.00	420	258.00	10585	421.00	1960
108.00	9361	183.00	396	259.00	1711	422.00	1442
110.00	123784	184.00	1033	260.00	105	423.00	12687
111.00	18976	185.00	6921	264.00	172	424.00	2572
112.00	2068	186.00	53344	265.00	4786	434.00	105
113.00	670	187.00	14557	266.00	392	441.00	39472
114.00	208	188.00	1444	271.00	534	442.00	251392
117.00	51376	189.00	3226	272.00	430	443.00	50080

Report Date: 19-Sep-2013 11:38:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS6\20130918-4779.b\M69527.D\8270LVI_6.rslt\spectra.d
Injection Date: 18-Sep-2013 15:39:30
Spectrum: Tune Spec: Scans 324-326(4.45-4.46) Bgrd 320(4.42)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 279

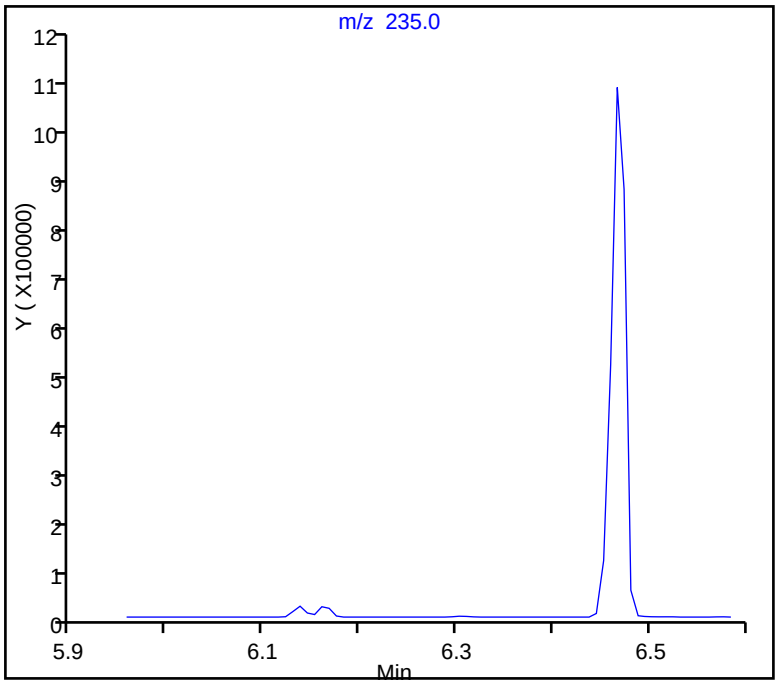
m/z	Y	m/z	Y	m/z	Y	m/z	Y
118.00	3830	190.00	558	273.00	5482	444.00	5025
119.00	385	191.00	1562	274.00	15313	445.00	211
120.00	793	192.00	4919	275.00	76360		

Breakdown Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS6\20130918-4779.b\M69527.D		
Injection Date:	18-Sep-2013 15:39:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	182022	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 1098764
114 4,4'-DDD, Area = 19938
115 4,4'-DDE, Area = 0

%Breakdown: 1.78%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

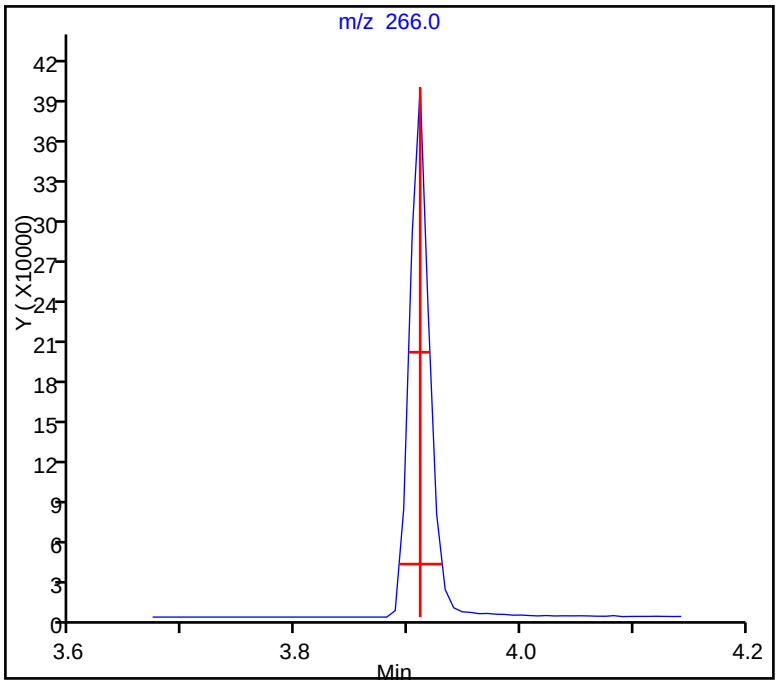
Data File:	\\EDICHROM\ChromData\CBNAMS6\20130918-4779.b\M69527.D		
Injection Date:	18-Sep-2013 15:39:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	182022	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.020 (min.)
Front Width = 0.019 (min.)

Tailing Factor = 1.0, Max. Tailing < 3.00
Passed



Peak Tailing Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS6\20130918-4779.b\M69527.D

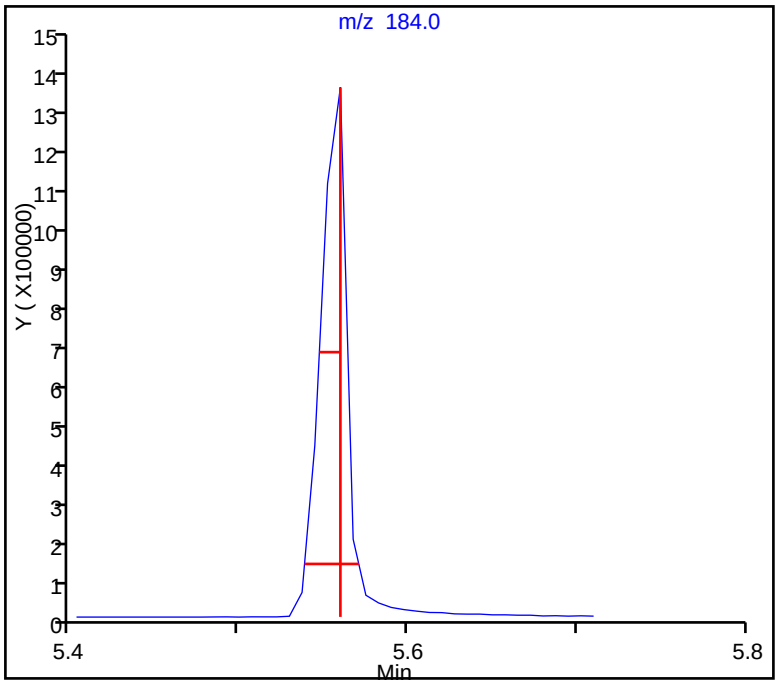
Injection Date:	18-Sep-2013 15:39:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	182022	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.011 (min.)
Front Width = 0.021 (min.)

Tailing Factor = 0.5, Max. Tailing < 3.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS6\20130920-4828.b\M69584.D		
Lims ID:	DFTPP	Client ID:	
Inject. Date:	20-Sep-2013 00:54:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	460-0004828-001		
Misc. Info.:	dftpp		
Operator:		Instrument ID:	CBNAMS6
Injection Vol:	5.0 ul	ALS Bottle#:	1
Lims Batch ID:	182282	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS6\20130920-4828.b\8270LVI_6.m		
Last Update:	20-Sep-2013 16:08:22	Calib Date:	31-Aug-2013 13:07:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS6\20130831-4188.b\M68901.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm
Process Host:	XAWRK008		

First Level Reviewer: asfawa Date: 20-Sep-2013 00:58:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	3.910	3.910	0.0	80	580526	0	7
89 Benzidine_T	184	5.564	5.564	0.0	97	1868831	0	7
120 DFTPP								
114 4,4'-DDD	235	6.168	6.168	0.0	73	26940	0	7
116 4,4'-DDT	235	6.474	6.474	0.0	94	1211023	0	7

QC Flag Legend

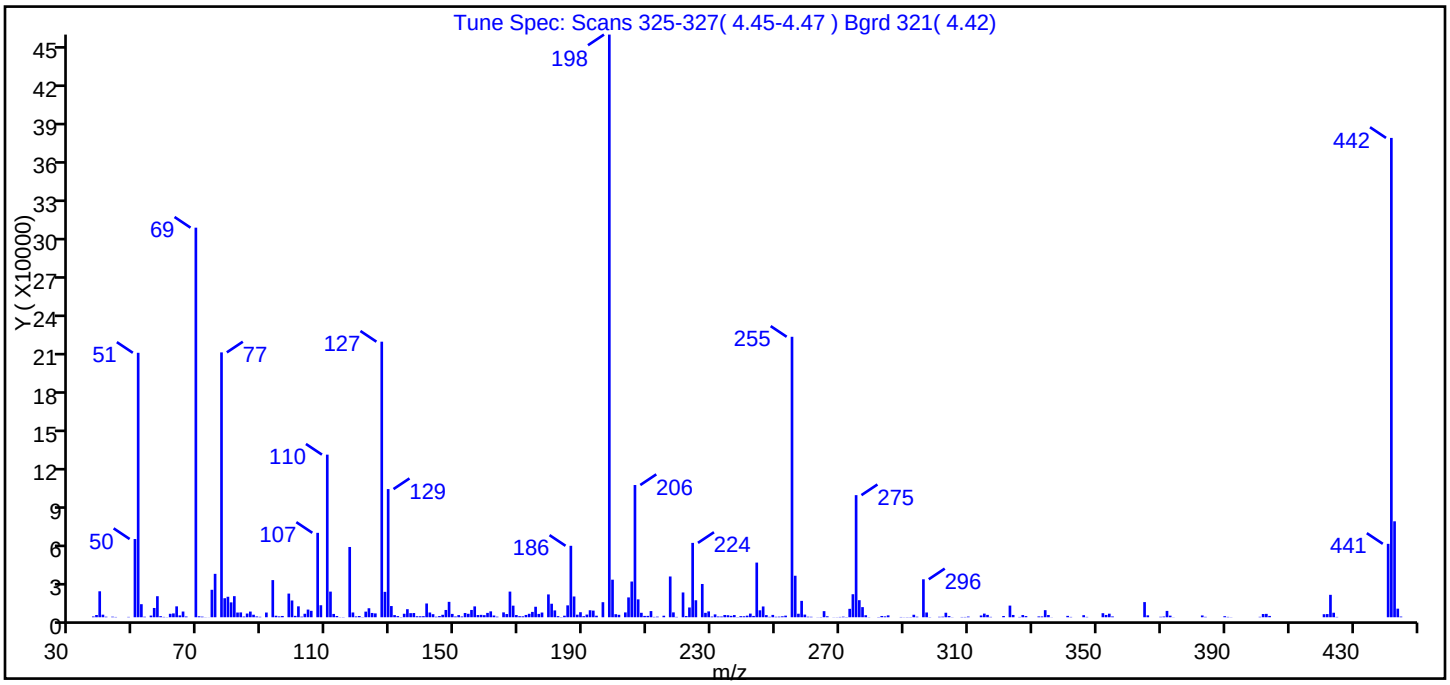
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS6\20130920-4828.b\M69584.D		
Injection Date:	20-Sep-2013 00:54:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	182282	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm
Tune Method:	DFTPP Method 8270		

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	45.39
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	66.86
70	Less than 2.00% of mass 69	0.16 (0.24)
127	40.00 - 60.00% of mass 198	47.29
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.45
275	10.00 - 30.00% of mass 198	20.96
365	Greater than 1.00% of mass 198	2.60
441	Present, but less than mass 443%	12.60 (76.53)
442	Greater than 40.00% of mass 198	82.27
443	17.00 - 23.00% of mass 442	16.47 (20.02)

Data File: \\EDICHROM\ChromData\CBNAMS6\20130920-4828.b\M69584.D\8270LVI_6.rslt\spectra.d
Injection Date: 20-Sep-2013 00:54:30
Spectrum: Tune Spec: Scans 325-327(4.45-4.47) Bgrd 321(4.42)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 285

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	636	124.00	3361	201.00	1913	283.00	999
38.00	1767	125.00	3015	203.00	3782	284.00	682
39.00	20352	127.00	215936	204.00	15553	285.00	1478
40.00	2021	128.00	19904	205.00	27992	289.00	222
41.00	432	129.00	100440	206.00	103624	290.00	111
43.00	442	130.00	8778	207.00	14031	291.00	157
44.00	243	131.00	1689	208.00	3505	292.00	161
48.00	287	132.00	911	209.00	1060	293.00	1960
50.00	61296	133.00	174	210.00	1079	294.00	430
51.00	207232	134.00	2741	211.00	4839	296.00	29760
52.00	10244	135.00	6324	212.00	289	297.00	3732
53.00	423	136.00	3221	213.00	491	298.00	172
55.00	1317	137.00	3321	215.00	1193	301.00	367
56.00	7273	138.00	784	217.00	31952	302.00	465
57.00	16496	139.00	760	218.00	3823	303.00	3539
58.00	847	140.00	851	219.00	288	304.00	922
59.00	277	141.00	10797	221.00	19432	305.00	128
60.00	118	142.00	3721	222.00	930	308.00	224
61.00	2709	143.00	2408	223.00	7670	309.00	232
62.00	3017	144.00	428	224.00	58280	310.00	538
63.00	8551	145.00	935	225.00	13317	314.00	1389
64.00	1462	146.00	1929	227.00	26072	315.00	2863
65.00	4487	147.00	5710	228.00	3466	316.00	1846
66.00	583	148.00	12077	229.00	4601	317.00	299
69.00	305280	149.00	2623	230.00	538	321.00	965
70.00	732	150.00	599	231.00	2243	323.00	9130
71.00	476	151.00	1683	232.00	611	324.00	1797
72.00	111	152.00	627	233.00	580	326.00	251
73.00	72	153.00	3348	234.00	1761	327.00	1739
74.00	21528	154.00	2717	235.00	1578	328.00	915
75.00	34016	155.00	5723	236.00	1111	332.00	651
77.00	207552	156.00	8517	237.00	1732	333.00	624
78.00	14927	157.00	1742	238.00	180	334.00	5555

Report Date: 20-Sep-2013 16:08:22 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS6\20130920-4828.b\M69584.D\8270LVI_6.rslt\spectra.d
Injection Date: 20-Sep-2013 00:54:30
Spectrum: Tune Spec: Scans 325-327(4.45-4.47) Bgrd 321(4.42)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 285

m/z	Y	m/z	Y	m/z	Y	m/z	Y
79.00	16056	158.00	1872	239.00	867	335.00	1751
80.00	11664	159.00	1637	240.00	783	336.00	105
81.00	16528	160.00	3413	241.00	1249	341.00	1084
82.00	3697	161.00	4628	242.00	2863	342.00	269
83.00	3786	162.00	1369	243.00	1029	346.00	1624
84.00	563	163.00	462	244.00	42840	347.00	291
85.00	2917	165.00	3819	245.00	5449	352.00	3184
86.00	4464	166.00	2516	246.00	8455	353.00	1808
87.00	1979	167.00	20104	247.00	1675	354.00	2795
88.00	637	168.00	9093	248.00	341	355.00	642
89.00	360	169.00	1733	249.00	1832	365.00	11887
91.00	3699	170.00	840	250.00	381	366.00	1496
93.00	29112	171.00	738	251.00	476	370.00	382
94.00	1183	172.00	1809	252.00	744	371.00	576
95.00	654	173.00	2706	253.00	1263	372.00	4971
96.00	1004	174.00	4190	255.00	219776	373.00	1252
98.00	18552	175.00	8232	256.00	32528	374.00	106
99.00	13147	176.00	2622	257.00	2748	383.00	1409
100.00	1084	177.00	3700	258.00	12842	384.00	331
101.00	8560	179.00	17896	259.00	2084	390.00	832
102.00	476	180.00	10593	260.00	431	391.00	298
103.00	2732	181.00	5365	261.00	359	392.00	123
104.00	6022	182.00	879	263.00	104	401.00	343
105.00	5049	183.00	172	264.00	193	402.00	2538
107.00	66152	184.00	1209	265.00	4785	403.00	2659
108.00	9411	185.00	9320	266.00	752	404.00	1038
110.00	127424	186.00	55992	268.00	100	421.00	2382
111.00	20096	187.00	16274	269.00	117	422.00	2491
112.00	2605	188.00	2019	270.00	253	423.00	17576
113.00	963	189.00	3954	271.00	468	424.00	3539
114.00	130	190.00	833	272.00	184	425.00	276
115.00	163	191.00	2102	273.00	6604	441.00	57536
117.00	55072	192.00	5481	274.00	18048	442.00	375616
118.00	3748	193.00	5214	275.00	95688	443.00	75184

Report Date: 20-Sep-2013 16:08:22 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS6\20130920-4828.b\M69584.D\8270LVI_6.rslt\spectra.d
Injection Date: 20-Sep-2013 00:54:30
Spectrum: Tune Spec: Scans 325-327(4.45-4.47) Bgrd 321(4.42)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 285

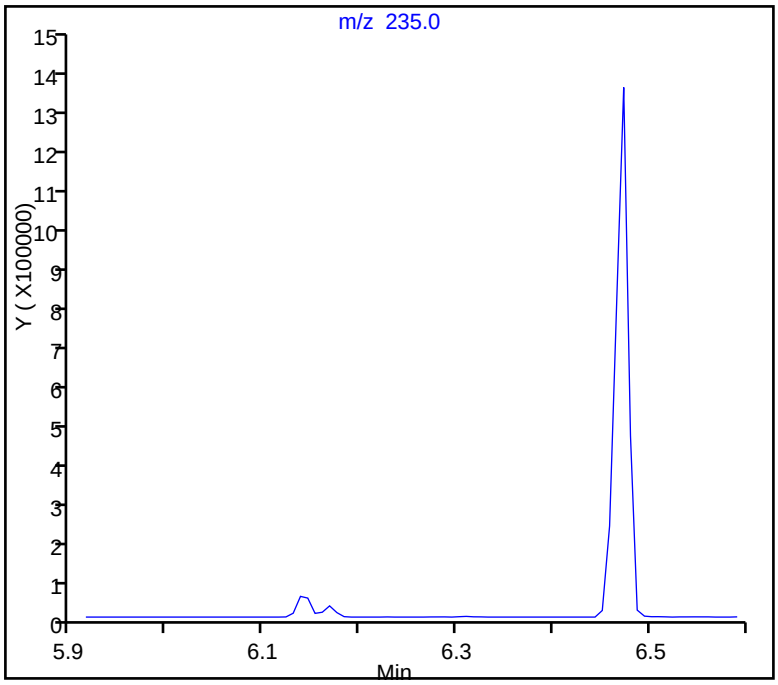
m/z	Y	m/z	Y	m/z	Y	m/z	Y
119.00	642	194.00	1213	276.00	13377	444.00	6729
120.00	965	196.00	11804	277.00	7935	445.00	532
121.00	159	198.00	456576	278.00	1580		
122.00	4407	199.00	29440	279.00	141		
123.00	7055	200.00	2395	282.00	206		

Breakdown Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS6\20130920-4828.b\M69584.D		
Injection Date:	20-Sep-2013 00:54:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	182282	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 1211023
114 4,4'-DDD, Area = 26940
115 4,4'-DDE, Area = 0

%Breakdown: 2.18%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS6\20130920-4828.b\M69584.D

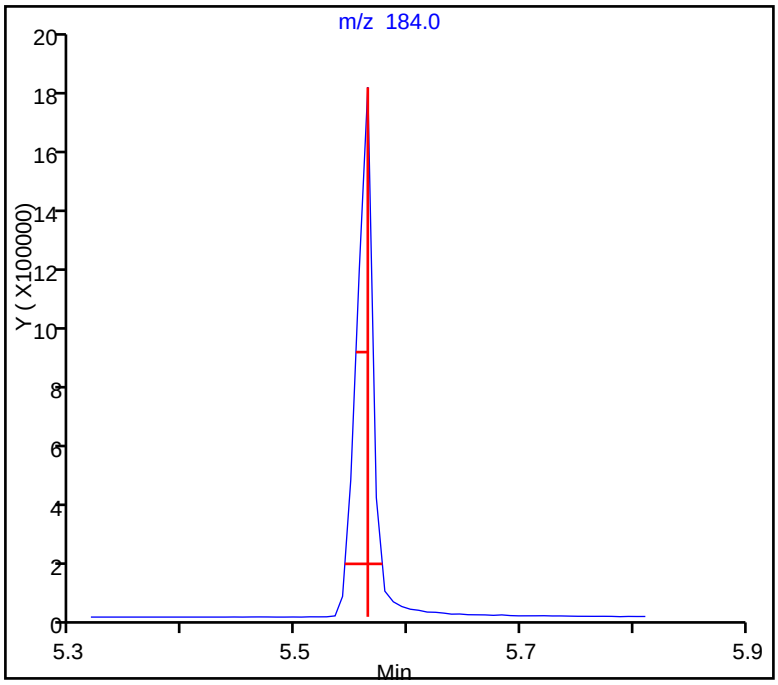
Injection Date:	20-Sep-2013 00:54:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	182282	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)
Front Width = 0.020 (min.)

Tailing Factor = 0.6, Max. Tailing < 3.00
Passed



Peak Tailing Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS6\20130920-4828.b\M69584.D

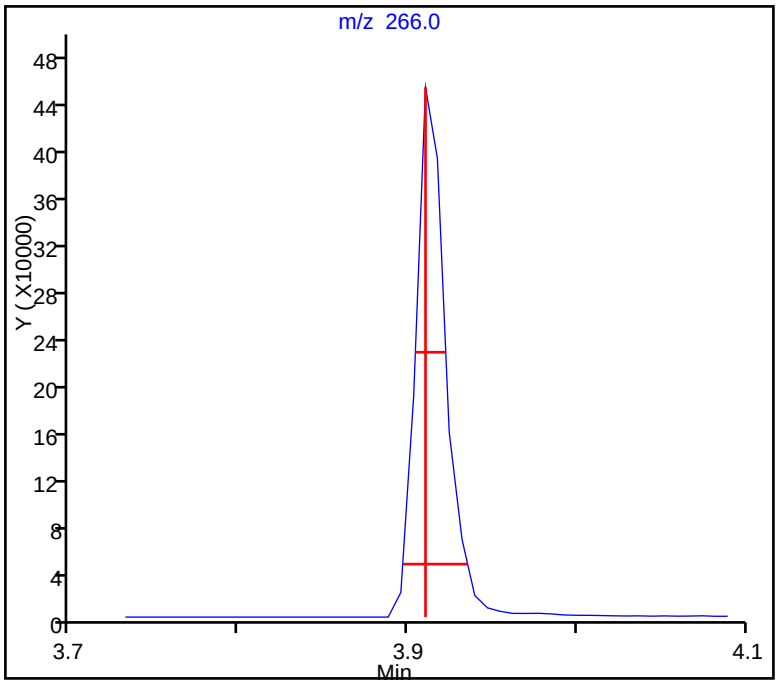
Injection Date:	20-Sep-2013 00:54:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	182282	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.025 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 1.8, Max. Tailing < 3.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181707/1-A

Matrix: Solid | Lab File ID: x5334.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2013 06:50

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.: 181988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	44	U	330	44
95-57-8	2-Chlorophenol	44	U	330	44
95-48-7	2-Methylphenol	56	U	330	56
106-44-5	4-Methylphenol	65	U	330	65
100-52-7	Benzaldehyde	39	U	330	39
98-86-2	Acetophenone	51	U	330	51
111-44-4	Bis(2-chloroethyl)ether	4.5	U	33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	37	U	330	37
621-64-7	N-Nitrosodi-n-propylamine	5.5	U	33	5.5
98-95-3	Nitrobenzene	4.7	U	33	4.7
67-72-1	Hexachloroethane	3.7	U	33	3.7
78-59-1	Isophorone	40	U	330	40
88-75-5	2-Nitrophenol	37	U	330	37
105-67-9	2,4-Dimethylphenol	82	U	330	82
120-83-2	2,4-Dichlorophenol	48	U	330	48
111-91-1	Bis(2-chloroethoxy)methane	43	U	330	43
91-20-3	Naphthalene	38	U	330	38
106-47-8	4-Chloroaniline	88	U	330	88
87-68-3	Hexachlorobutadiene	8.1	U	67	8.1
105-60-2	Caprolactam	76	U	330	76
59-50-7	4-Chloro-3-methylphenol	50	U	330	50
91-57-6	2-Methylnaphthalene	43	U	330	43
118-74-1	Hexachlorobenzene	4.5	U	33	4.5
77-47-4	Hexachlorocyclopentadiene	39	U	330	39
88-06-2	2,4,6-Trichlorophenol	39	U	330	39
95-95-4	2,4,5-Trichlorophenol	43	U	330	43
92-52-4	Diphenyl	44	U	330	44
91-58-7	2-Chloronaphthalene	37	U	330	37
88-74-4	2-Nitroaniline	140	U	670	140
606-20-2	2,6-Dinitrotoluene	10	U	67	10
131-11-3	Dimethyl phthalate	39	U	330	39
208-96-8	Acenaphthylene	39	U	330	39
99-09-2	3-Nitroaniline	120	U	670	120
83-32-9	Acenaphthene	48	U	330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181707/1-A

Matrix: Solid | Lab File ID: x5334.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2013 06:50

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.: 181988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	210	U	1000	210
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	39	U	330	39
84-66-2	Diethyl phthalate	39	U	330	39
86-73-7	Fluorene	42	U	330	42
206-44-0	Fluoranthene	44	U	330	44
84-74-2	Di-n-butyl phthalate	41	U	330	41
121-14-2	2,4-Dinitrotoluene	11	U	67	11
7005-72-3	4-Chlorophenyl phenyl ether	39	U	330	39
100-01-6	4-Nitroaniline	100	U	670	100
534-52-1	4,6-Dinitro-2-methylphenol	90	U	1000	90
101-55-3	4-Bromophenyl phenyl ether	33	U	330	33
1912-24-9	Atrazine	51	U	330	51
120-12-7	Anthracene	40	U	330	40
86-74-8	Carbazole	39	U	330	39
85-01-8	Phenanthrene	42	U	330	42
87-86-5	Pentachlorophenol	99	U	1000	99
129-00-0	Pyrene	28	U	330	28
218-01-9	Chrysene	39	U	330	39
207-08-9	Benzo[k]fluoranthene	2.5	U	33	2.5
191-24-2	Benzo[g,h,i]perylene	25	U	330	25
205-99-2	Benzo[b]fluoranthene	2.1	U	33	2.1
50-32-8	Benzo[a]pyrene	2.3	U	33	2.3
56-55-3	Benzo[a]anthracene	2.3	U	33	2.3
86-30-6	N-Nitrosodiphenylamine	33	U	330	33
85-68-7	Butyl benzyl phthalate	30	U	330	30
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	330	110
117-84-0	Di-n-octyl phthalate	21	U	330	21
193-39-5	Indeno[1,2,3-cd]pyrene	6.2	U	33	6.2
53-70-3	Dibenz(a,h)anthracene	4.2	U	33	4.2
91-94-1	3,3'-Dichlorobenzidine	120	U	670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	330	45
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181707/1-A

Matrix: Solid Lab File ID: x5334.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3541 Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 06:50

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.: 181988 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	75		10-120
4165-62-2	Phenol-d5	80		41-118
367-12-4	2-Fluorophenol	70		37-125
4165-60-0	Nitrobenzene-d5	80		38-105
321-60-8	2-Fluorobiphenyl	80		40-109
1718-51-0	Terphenyl-d14	85		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181707/1-A

Matrix: Solid | Lab File ID: x5334.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2013 06:50

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.: 181988 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 4710

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	1.98	4710	J A

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13.b/x5334.d
Report Date: 18-Sep-2013 07:19

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-10-13/18sep13.b/x5334.d
Lab Smp Id: MB 460-181707/1-A
Inj Date : 18-SEP-2013 06:50
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : MB 460-181707/1-A
Misc Info :
Comment :
Method : /chem/BNAMS5.i/8270/09-10-13/18sep13.b/8270C_11.m
Meth Date : 18-Sep-2013 05:48 asfawa Quant Type: ISTD
Cal Date : 10-SEP-2013 18:50 Cal File: x5049.d
Als bottle: 5 QC Sample: BLANK
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	0.00000	% Moisture

Cpnd Variable Local Compound Variable

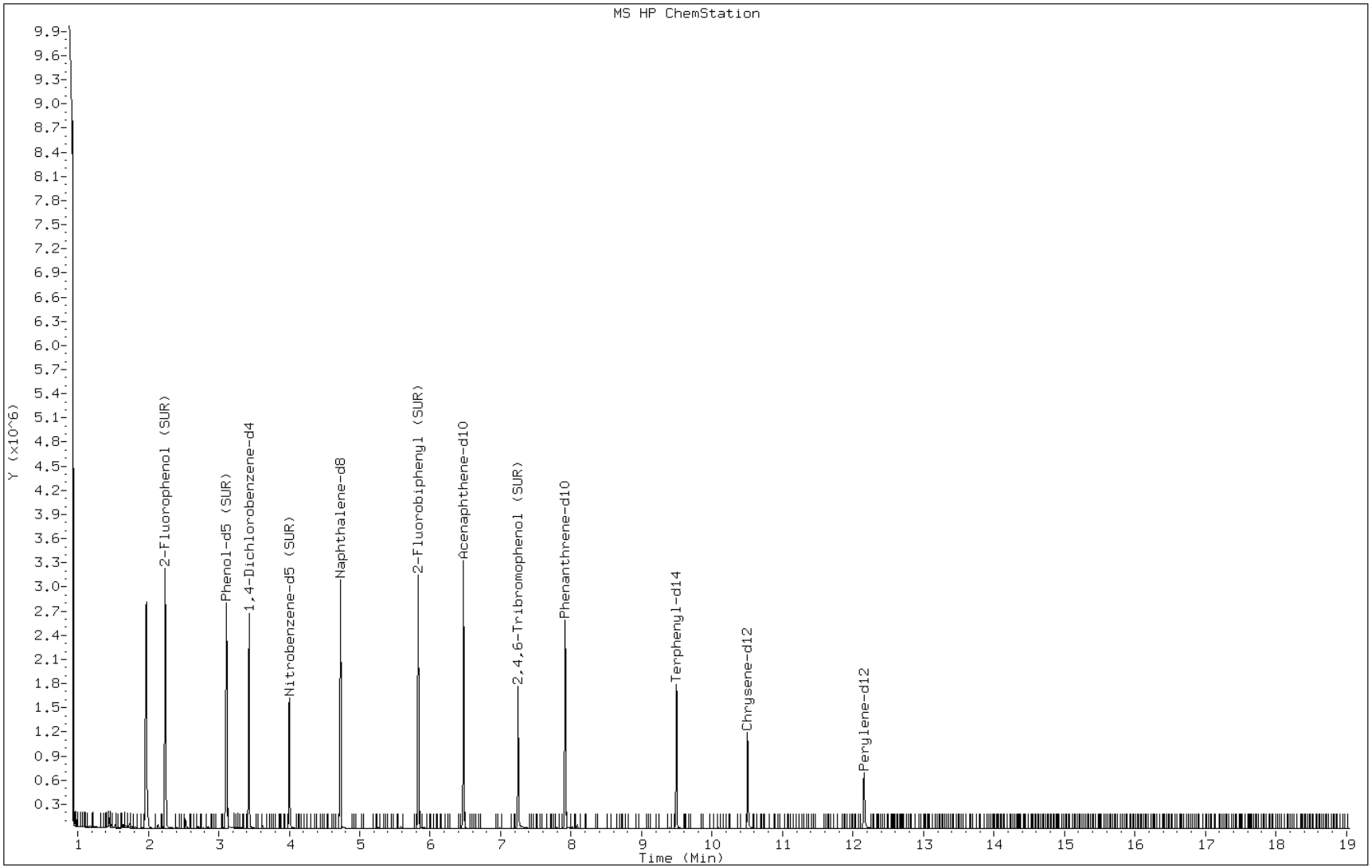
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.241	2.217	(0.653)	951435	69.7117	4600
$ 17 Phenol-d5 (SUR)	99	3.111	3.123	(0.907)	1245493	80.0246	5300
* 79 1,4-Dichlorobenzene-d4	152	3.429	3.435	(1.000)	413740	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.005	4.017	(0.847)	564531	40.2174	2700
* 80 Naphthalene-d8	136	4.729	4.735	(1.000)	1487152	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.835	5.841	(0.901)	1061449	39.9999	2700
* 82 Acenaphthene-d10	164	6.476	6.482	(1.000)	726343	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.252	7.252	(1.120)	251129	74.9395	5000
* 83 Phenanthrene-d10	188	7.917	7.923	(1.000)	959101	40.0000	
$ 78 Terphenyl-d14	244	9.493	9.493	(0.904)	603004	42.6819	2800
* 81 Chrysene-d12	240	10.505	10.511	(1.000)	457190	40.0000	
* 84 Perylene-d12	264	12.158	12.158	(1.000)	342320	40.0000	

Data File: x5334.d

Date: 18-SEP-2013 06:50

Client ID: Instrument: BNAMS5.i

Sample Info: MB 460-181707/1-A Operator: BNAMS 4



Data File: x5334.d

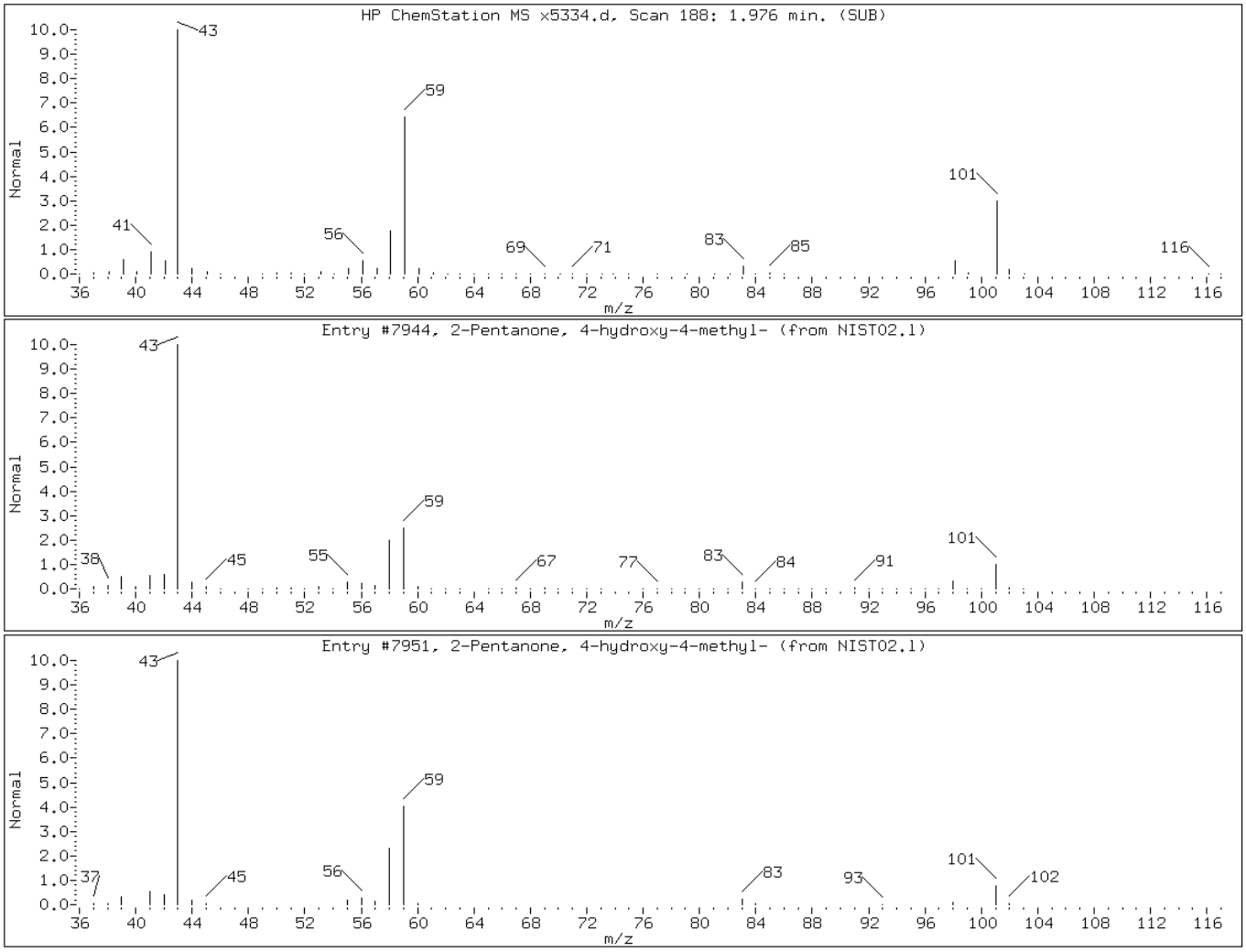
Date: 18-SEP-2013 06:50

Client ID: Instrument: BNAMS5.i

Sample Info: MB 460-181707/1-A Operator: BNAMS 4

Retention Time: 1.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7944	64	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7951	56	C6H12O2	116



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181712/1-A

Matrix: Solid | Lab File ID: 112697.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 13:55

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.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	44	U	330	44
95-57-8	2-Chlorophenol	44	U	330	44
95-48-7	2-Methylphenol	56	U	330	56
106-44-5	4-Methylphenol	65	U	330	65
100-52-7	Benzaldehyde	39	U	330	39
98-86-2	Acetophenone	51	U	330	51
111-44-4	Bis(2-chloroethyl)ether	4.5	U	33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	37	U	330	37
621-64-7	N-Nitrosodi-n-propylamine	5.5	U	33	5.5
98-95-3	Nitrobenzene	4.7	U	33	4.7
67-72-1	Hexachloroethane	3.7	U	33	3.7
78-59-1	Isophorone	40	U	330	40
88-75-5	2-Nitrophenol	37	U	330	37
105-67-9	2,4-Dimethylphenol	82	U	330	82
120-83-2	2,4-Dichlorophenol	48	U	330	48
111-91-1	Bis(2-chloroethoxy)methane	43	U	330	43
91-20-3	Naphthalene	38	U	330	38
106-47-8	4-Chloroaniline	88	U	330	88
87-68-3	Hexachlorobutadiene	8.1	U	67	8.1
105-60-2	Caprolactam	76	U	330	76
59-50-7	4-Chloro-3-methylphenol	50	U	330	50
91-57-6	2-Methylnaphthalene	43	U	330	43
118-74-1	Hexachlorobenzene	4.5	U	33	4.5
77-47-4	Hexachlorocyclopentadiene	39	U	330	39
88-06-2	2,4,6-Trichlorophenol	39	U	330	39
95-95-4	2,4,5-Trichlorophenol	43	U	330	43
92-52-4	Diphenyl	44	U	330	44
91-58-7	2-Chloronaphthalene	37	U	330	37
88-74-4	2-Nitroaniline	140	U	670	140
606-20-2	2,6-Dinitrotoluene	10	U	67	10
131-11-3	Dimethyl phthalate	39	U	330	39
208-96-8	Acenaphthylene	39	U	330	39
99-09-2	3-Nitroaniline	120	U	670	120
83-32-9	Acenaphthene	48	U	330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181712/1-A

Matrix: Solid | Lab File ID: 112697.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 13:55

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.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	210	U	1000	210
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	39	U	330	39
84-66-2	Diethyl phthalate	39	U	330	39
86-73-7	Fluorene	42	U	330	42
206-44-0	Fluoranthene	44	U	330	44
84-74-2	Di-n-butyl phthalate	41	U	330	41
121-14-2	2,4-Dinitrotoluene	11	U	67	11
7005-72-3	4-Chlorophenyl phenyl ether	39	U	330	39
100-01-6	4-Nitroaniline	100	U	670	100
534-52-1	4,6-Dinitro-2-methylphenol	90	U	1000	90
101-55-3	4-Bromophenyl phenyl ether	33	U	330	33
1912-24-9	Atrazine	51	U	330	51
120-12-7	Anthracene	40	U	330	40
86-74-8	Carbazole	39	U	330	39
85-01-8	Phenanthrene	42	U	330	42
87-86-5	Pentachlorophenol	99	U	1000	99
129-00-0	Pyrene	28	U	330	28
218-01-9	Chrysene	39	U	330	39
207-08-9	Benzo[k]fluoranthene	2.5	U	33	2.5
191-24-2	Benzo[g,h,i]perylene	25	U	330	25
205-99-2	Benzo[b]fluoranthene	2.1	U	33	2.1
50-32-8	Benzo[a]pyrene	2.3	U	33	2.3
56-55-3	Benzo[a]anthracene	2.3	U	33	2.3
86-30-6	N-Nitrosodiphenylamine	33	U	330	33
85-68-7	Butyl benzyl phthalate	30	U	330	30
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	330	110
117-84-0	Di-n-octyl phthalate	21	U	330	21
193-39-5	Indeno[1,2,3-cd]pyrene	6.2	U	33	6.2
53-70-3	Dibenz(a,h)anthracene	4.2	U	33	4.2
91-94-1	3,3'-Dichlorobenzidine	120	U	670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	330	45
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181712/1-A

Matrix: Solid Lab File ID: 112697.D

Analysis Method: 8270C Date Collected:

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.00(g) Date Analyzed: 09/19/2013 13:55

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.: 182161 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	76		10-120
4165-62-2	Phenol-d5	90		41-118
367-12-4	2-Fluorophenol	95		37-125
4165-60-0	Nitrobenzene-d5	85		38-105
321-60-8	2-Fluorobiphenyl	85		40-109
1718-51-0	Terphenyl-d14	95		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181712/1-A

Matrix: Solid | Lab File ID: 112697.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 13:55

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.: 182161 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 5160

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Aldol condensation product	1.68	5160	J A

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112697.D		
Lims ID:	MB 460-181712/1-A	Client ID:	
Inject. Date:	19-Sep-2013 13:55:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0004813-005		
Misc. Info.:	MB 460-181712/1-A		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	182161	Lims Sample ID:	5
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m		
Last Update:	20-Sep-2013 11:30:10	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: bayoumiw		Date:	20-Sep-2013 11:30:48

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	1.945	1.934	0.011	95	1399650	95.2	
$ 6 Phenol-d5	99	2.822	2.828	-0.006	98	1796613	90.1	
* 13 1,4-Dichlorobenzene-d4	152	3.145	3.140	0.005	95	591598	40.0	
$ 25 Nitrobenzene-d5	82	3.734	3.740	-0.006	89	799020	42.5	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	2232845	40.0	
$ 48 2-Fluorobiphenyl	172	5.581	5.581	0.0	97	1755271	42.7	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	94	1217982	40.0	
$ 76 2,4,6-Tribromophenol	330	6.992	6.992	0.0	92	579007	75.7	
* 83 Phenanthrene-d10	188	7.657	7.657	0.0	98	1899120	40.0	
$ 91 Terphenyl-d14	244	9.233	9.227	0.006	100	1742256	47.3	
* 96 Chrysene-d12	240	10.221	10.221	0.0	100	1554550	40.0	
* 103 Perylene-d12	264	11.798	11.804	-0.006	98	1395412	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112697.D		
Lims ID:	MB 460-181712/1-A	Client ID:	
Inject. Date:	19-Sep-2013 13:55:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0004813-005		
Misc. Info.:	MB 460-181712/1-A		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	182161	Lims Sample ID:	5
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m		
Last Update:	20-Sep-2013 11:30:10	Calib Date:	16-Sep-2013 20:10:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	75		
Process Host:	XAWRK008		
First Level Reviewer: bayoumiw		Date:	20-Sep-2013 11:30:48

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
		Aldol condensation product				
1.675	6916896	77.3	13	0	0	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	3.145	3578050	40.0

QC Flag Legend

Processing Flags

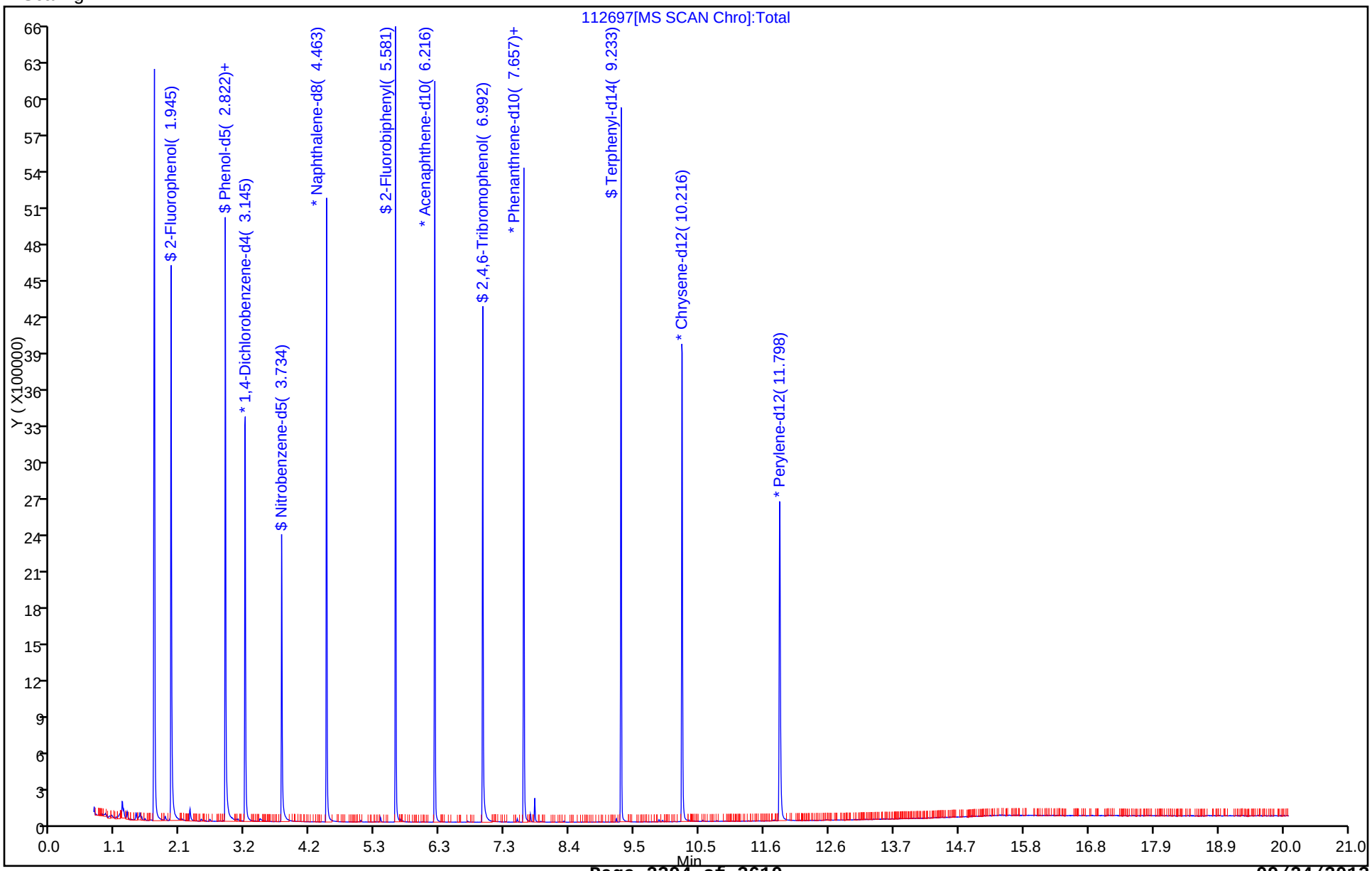
Report Date: 20-Sep-2013 11:30:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112697.D

Injection Date:	19-Sep-2013 13:55:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	5
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



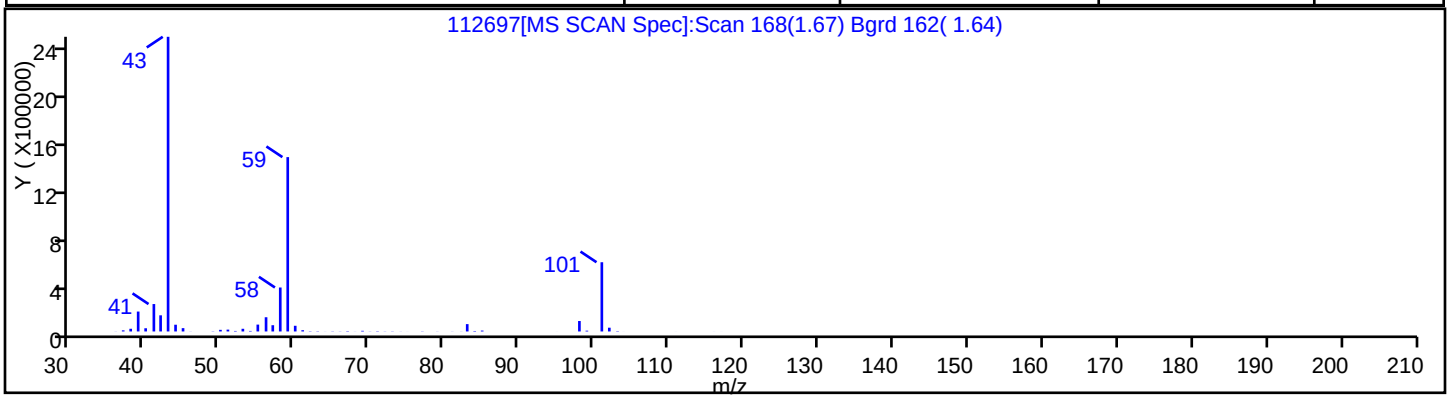
Report Date: 20-Sep-2013 11:30:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112697.D

Injection Date:	19-Sep-2013 13:55:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	5
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Aldol condensation product		NIST02.L	0	0



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181718/1-A

Matrix: Solid | Lab File ID: x5335.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2013 07:16

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.: 181988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	44	U	330	44
95-57-8	2-Chlorophenol	44	U	330	44
95-48-7	2-Methylphenol	56	U	330	56
106-44-5	4-Methylphenol	65	U	330	65
100-52-7	Benzaldehyde	39	U	330	39
98-86-2	Acetophenone	51	U	330	51
111-44-4	Bis(2-chloroethyl)ether	4.5	U	33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	37	U	330	37
621-64-7	N-Nitrosodi-n-propylamine	5.5	U	33	5.5
98-95-3	Nitrobenzene	4.7	U	33	4.7
67-72-1	Hexachloroethane	3.7	U	33	3.7
78-59-1	Isophorone	40	U	330	40
88-75-5	2-Nitrophenol	37	U	330	37
105-67-9	2,4-Dimethylphenol	82	U	330	82
120-83-2	2,4-Dichlorophenol	48	U	330	48
111-91-1	Bis(2-chloroethoxy)methane	43	U	330	43
91-20-3	Naphthalene	38	U	330	38
106-47-8	4-Chloroaniline	88	U	330	88
87-68-3	Hexachlorobutadiene	8.1	U	67	8.1
105-60-2	Caprolactam	76	U	330	76
59-50-7	4-Chloro-3-methylphenol	50	U	330	50
91-57-6	2-Methylnaphthalene	43	U	330	43
118-74-1	Hexachlorobenzene	4.5	U	33	4.5
77-47-4	Hexachlorocyclopentadiene	39	U	330	39
88-06-2	2,4,6-Trichlorophenol	39	U	330	39
95-95-4	2,4,5-Trichlorophenol	43	U	330	43
92-52-4	Diphenyl	44	U	330	44
91-58-7	2-Chloronaphthalene	37	U	330	37
88-74-4	2-Nitroaniline	140	U	670	140
606-20-2	2,6-Dinitrotoluene	10	U	67	10
131-11-3	Dimethyl phthalate	39	U	330	39
208-96-8	Acenaphthylene	39	U	330	39
99-09-2	3-Nitroaniline	120	U	670	120
83-32-9	Acenaphthene	48	U	330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181718/1-A

Matrix: Solid | Lab File ID: x5335.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2013 07:16

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.: 181988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	210	U	1000	210
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	39	U	330	39
84-66-2	Diethyl phthalate	39	U	330	39
86-73-7	Fluorene	42	U	330	42
206-44-0	Fluoranthene	44	U	330	44
84-74-2	Di-n-butyl phthalate	41	U	330	41
121-14-2	2,4-Dinitrotoluene	11	U	67	11
7005-72-3	4-Chlorophenyl phenyl ether	39	U	330	39
100-01-6	4-Nitroaniline	100	U	670	100
534-52-1	4,6-Dinitro-2-methylphenol	90	U	1000	90
101-55-3	4-Bromophenyl phenyl ether	33	U	330	33
1912-24-9	Atrazine	51	U	330	51
120-12-7	Anthracene	40	U	330	40
86-74-8	Carbazole	39	U	330	39
85-01-8	Phenanthrene	42	U	330	42
87-86-5	Pentachlorophenol	99	U	1000	99
129-00-0	Pyrene	28	U	330	28
218-01-9	Chrysene	39	U	330	39
207-08-9	Benzo[k]fluoranthene	2.5	U	33	2.5
191-24-2	Benzo[g,h,i]perylene	25	U	330	25
205-99-2	Benzo[b]fluoranthene	2.1	U	33	2.1
50-32-8	Benzo[a]pyrene	2.3	U	33	2.3
56-55-3	Benzo[a]anthracene	2.3	U	33	2.3
86-30-6	N-Nitrosodiphenylamine	33	U	330	33
85-68-7	Butyl benzyl phthalate	30	U	330	30
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	330	110
117-84-0	Di-n-octyl phthalate	21	U	330	21
193-39-5	Indeno[1,2,3-cd]pyrene	6.2	U	33	6.2
53-70-3	Dibenz(a,h)anthracene	4.2	U	33	4.2
91-94-1	3,3'-Dichlorobenzidine	120	U	670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	330	45
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181718/1-A

Matrix: Solid Lab File ID: x5335.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3541 Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 07:16

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.: 181988 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	66		10-120
4165-62-2	Phenol-d5	81		41-118
367-12-4	2-Fluorophenol	68		37-125
4165-60-0	Nitrobenzene-d5	77		38-105
321-60-8	2-Fluorobiphenyl	70		40-109
1718-51-0	Terphenyl-d14	80		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181718/1-A

Matrix: Solid | Lab File ID: x5335.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2013 07:16

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.: 181988 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 4850

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	1.97	4850	A J

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13.b/x5335.d
Report Date: 18-Sep-2013 08:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-10-13/18sep13.b/x5335.d
Lab Smp Id: MB 460-181718/1-A
Inj Date : 18-SEP-2013 07:16
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : MB 460-181718/1-A
Misc Info : MB 460-181718/1-A
Comment :
Method : /chem/BNAMS5.i/8270/09-10-13/18sep13.b/8270C_11.m
Meth Date : 18-Sep-2013 05:48 asfawa Quant Type: ISTD
Cal Date : 10-SEP-2013 18:50 Cal File: x5049.d
Als bottle: 6 QC Sample: BLANK
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	0.00000	% Moisture

Cpnd Variable Local Compound Variable

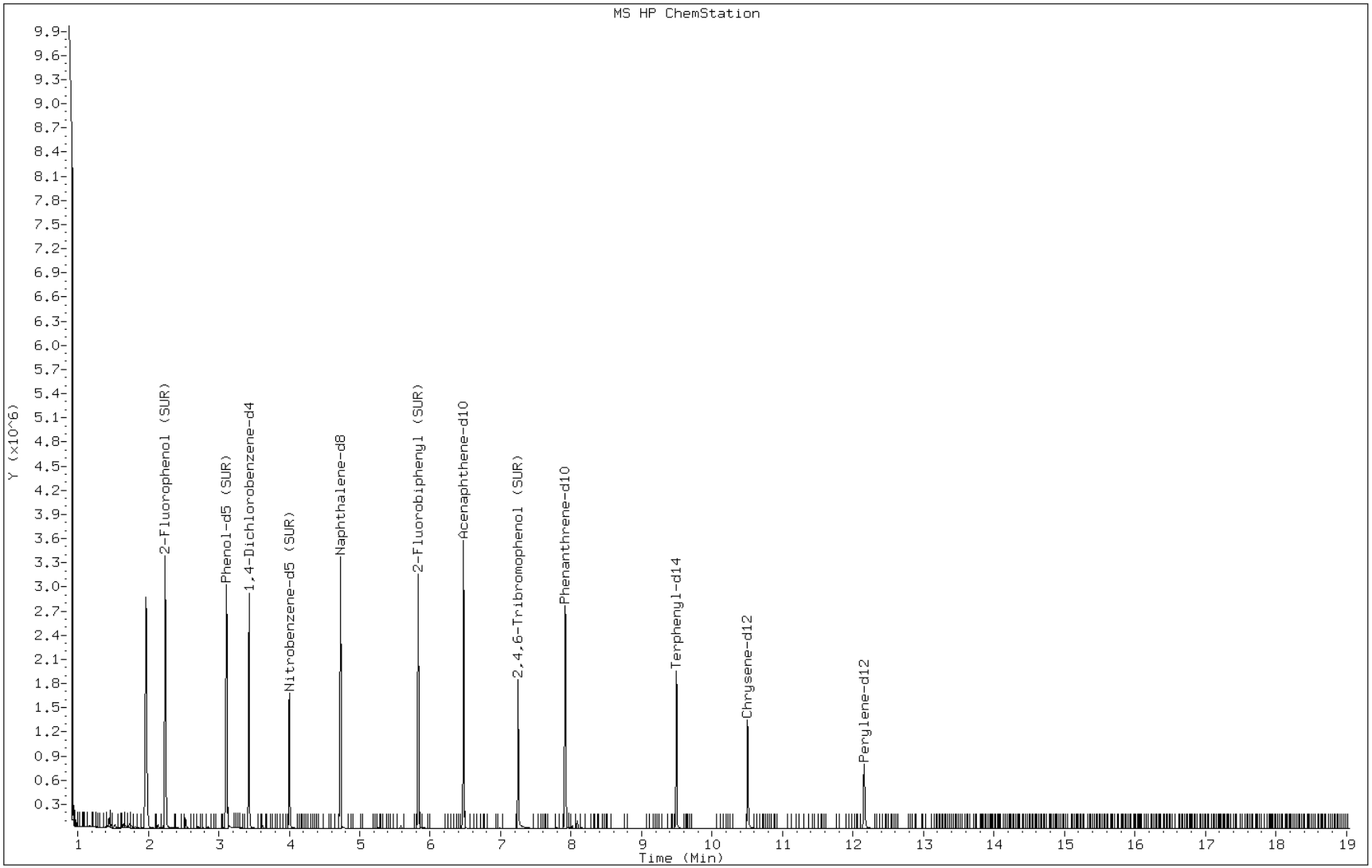
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.241	2.217	(0.653)	1018635	68.3222	4600
$ 17 Phenol-d5 (SUR)	99	3.111	3.123	(0.907)	1372579	80.7303	5400
* 79 1,4-Dichlorobenzene-d4	152	3.429	3.435	(1.000)	451971	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.005	4.017	(0.847)	579210	38.3257	2600
* 80 Naphthalene-d8	136	4.729	4.735	(1.000)	1601131	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.835	5.841	(0.901)	1071634	35.0710	2300
* 82 Acenaphthene-d10	164	6.476	6.482	(1.000)	836374	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.252	7.252	(1.120)	253634	65.7299	4400
* 83 Phenanthrene-d10	188	7.917	7.923	(1.000)	1122566	40.0000	
$ 78 Terphenyl-d14	244	9.493	9.493	(0.904)	654886	39.9077	2700
* 81 Chrysene-d12	240	10.505	10.511	(1.000)	531043	40.0000	
* 84 Perylene-d12	264	12.158	12.158	(1.000)	400538	40.0000	

Data File: x5335.d

Date: 18-SEP-2013 07:16

Client ID: Instrument: BNAMS5.i

Sample Info: MB 460-181718/1-A Operator: BNAMS 4



Data File: x5335.d

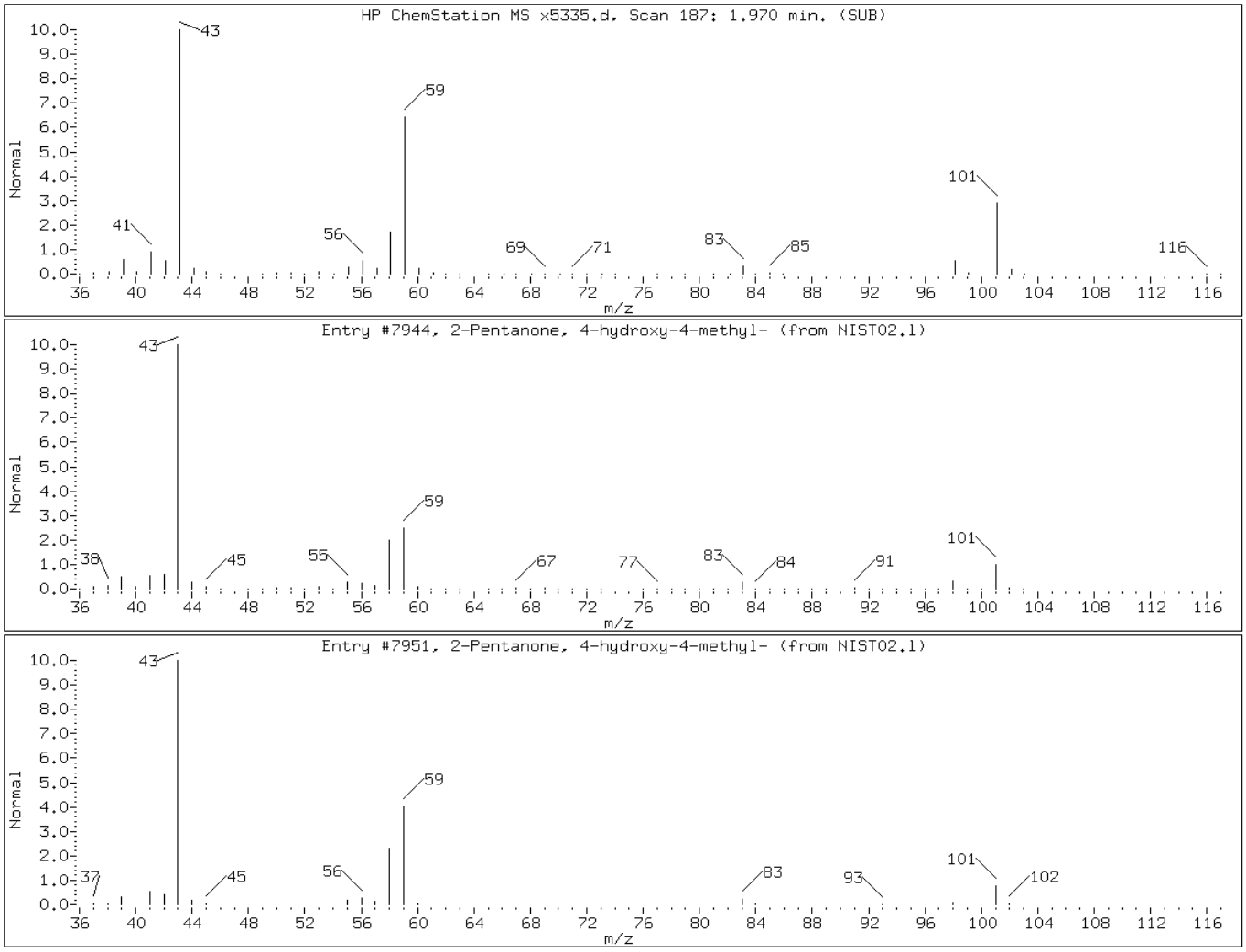
Date: 18-SEP-2013 07:16

Client ID: Instrument: BNAMS5.i

Sample Info: MB 460-181718/1-A Operator: BNAMS 4

Retention Time: 1.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7944	64	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7951	56	C6H12O2	116



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181730/1-A

Matrix: Water | Lab File ID: M69516.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/17/2013 09:45

Sample wt/vol: 250(mL) | Date Analyzed: 09/18/2013 10:33

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181879 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.60	U	10	0.60
95-57-8	2-Chlorophenol	0.93	U	10	0.93
95-48-7	2-Methylphenol	1.4	U	10	1.4
106-44-5	4-Methylphenol	1.0	U	10	1.0
100-52-7	Benzaldehyde	2.1	U	10	2.1
98-86-2	Acetophenone	0.89	U	10	0.89
111-44-4	Bis(2-chloroethyl)ether	0.30	U	1.0	0.30
108-60-1	2,2'-oxybis[1-chloropropane]	1.3	U	10	1.3
621-64-7	N-Nitrosodi-n-propylamine	0.27	U	1.0	0.27
98-95-3	Nitrobenzene	0.34	U	1.0	0.34
67-72-1	Hexachloroethane	0.15	U	1.0	0.15
78-59-1	Isophorone	1.3	U	10	1.3
88-75-5	2-Nitrophenol	0.68	U	10	0.68
105-67-9	2,4-Dimethylphenol	1.2	U	10	1.2
120-83-2	2,4-Dichlorophenol	1.1	U	10	1.1
111-91-1	Bis(2-chloroethoxy)methane	1.0	U	10	1.0
91-20-3	Naphthalene	2.0	U	10	2.0
106-47-8	4-Chloroaniline	0.32	U	1.0	0.32
87-68-3	Hexachlorobutadiene	0.68	U	2.0	0.68
105-60-2	Caprolactam	0.91	U	10	0.91
59-50-7	4-Chloro-3-methylphenol	1.1	U	10	1.1
91-57-6	2-Methylnaphthalene	1.5	U	10	1.5
118-74-1	Hexachlorobenzene	0.20	U	1.0	0.20
77-47-4	Hexachlorocyclopentadiene	1.5	U	10	1.5
88-06-2	2,4,6-Trichlorophenol	1.4	U	10	1.4
95-95-4	2,4,5-Trichlorophenol	2.2	U	10	2.2
92-52-4	Diphenyl	1.8	U	10	1.8
91-58-7	2-Chloronaphthalene	1.3	U	10	1.3
88-74-4	2-Nitroaniline	2.0	U	20	2.0
606-20-2	2,6-Dinitrotoluene	0.27	U	2.0	0.27
131-11-3	Dimethyl phthalate	1.1	U	10	1.1
208-96-8	Acenaphthylene	1.8	U	10	1.8
99-09-2	3-Nitroaniline	2.9	U	20	2.9
83-32-9	Acenaphthene	1.1	U	10	1.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181730/1-A

Matrix: Water | Lab File ID: M69516.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/17/2013 09:45

Sample wt/vol: 250(mL) | Date Analyzed: 09/18/2013 10:33

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181879 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	2.0	U	30	2.0
51-28-5	2,4-Dinitrophenol	2.0	U	30	2.0
132-64-9	Dibenzofuran	1.5	U	10	1.5
84-66-2	Diethyl phthalate	1.4	U	10	1.4
86-73-7	Fluorene	1.7	U	10	1.7
206-44-0	Fluoranthene	1.1	U	10	1.1
84-74-2	Di-n-butyl phthalate	1.0	U	10	1.0
121-14-2	2,4-Dinitrotoluene	0.28	U	2.0	0.28
7005-72-3	4-Chlorophenyl phenyl ether	1.5	U	10	1.5
100-01-6	4-Nitroaniline	2.9	U	20	2.9
534-52-1	4,6-Dinitro-2-methylphenol	3.0	U	30	3.0
101-55-3	4-Bromophenyl phenyl ether	1.1	U	10	1.1
1912-24-9	Atrazine	1.0	U	10	1.0
120-12-7	Anthracene	0.85	U	10	0.85
86-74-8	Carbazole	1.2	U	10	1.2
85-01-8	Phenanthrene	1.2	U	10	1.2
87-86-5	Pentachlorophenol	2.7	U	30	2.7
129-00-0	Pyrene	1.1	U	10	1.1
218-01-9	Chrysene	1.4	U	10	1.4
207-08-9	Benzo[k]fluoranthene	0.14	U	1.0	0.14
191-24-2	Benzo[g,h,i]perylene	0.93	U	10	0.93
205-99-2	Benzo[b]fluoranthene	0.21	U	1.0	0.21
50-32-8	Benzo[a]pyrene	0.14	U	1.0	0.14
56-55-3	Benzo[a]anthracene	0.18	U	1.0	0.18
86-30-6	N-Nitrosodiphenylamine	1.0	U	10	1.0
85-68-7	Butyl benzyl phthalate	1.4	U	10	1.4
117-81-7	Bis(2-ethylhexyl) phthalate	0.81	U	10	0.81
117-84-0	Di-n-octyl phthalate	0.88	U	10	0.88
193-39-5	Indeno[1,2,3-cd]pyrene	0.11	U	1.0	0.11
53-70-3	Dibenz(a,h)anthracene	0.16	U	1.0	0.16
91-94-1	3,3'-Dichlorobenzidine	3.2	U	20	3.2
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	10	1.8
58-90-2	2,3,4,6-Tetrachlorophenol	0.89	U	10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181730/1-A

Matrix: Water | Lab File ID: M69516.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/17/2013 09:45

Sample wt/vol: 250(mL) | Date Analyzed: 09/18/2013 10:33

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181879 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	87		51-126
4165-62-2	Phenol-d5	40		4-86
367-12-4	2-Fluorophenol	53		15-96
4165-60-0	Nitrobenzene-d5	82		60-114
321-60-8	2-Fluorobiphenyl	78		50-120
1718-51-0	Terphenyl-d14	100		72-130

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181730/1-A

Matrix: Water | Lab File ID: M69516.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/17/2013 09:45

Sample wt/vol: 250(mL) | Date Analyzed: 09/18/2013 10:33

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181879 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS6\20130918-4746.b\M69516.D		
Lims ID:	MB 460-181730/1-A	Client ID:	
Inject. Date:	18-Sep-2013 10:33:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0004746-020		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS6
Injection Vol:	5.0 ul	ALS Bottle#:	20
Lims Batch ID:	181879	Lims Sample ID:	20
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS6\20130918-4746.b\8270LVI_6.m		
Last Update:	20-Sep-2013 15:21:38	Calib Date:	31-Aug-2013 13:07:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS6\20130831-4188.b\M68901.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm
Process Host:	XAWRK008		
First Level Reviewer: ranav		Date:	18-Sep-2013 15:17:30

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.598	2.587	0.011	89	361709	5.31	
$ 6 Phenol-d5	99	3.468	3.486	-0.018	78	328928	3.99	
* 13 1,4-Dichlorobenzene-d4	152	3.804	3.808	-0.004	92	394064	8.00	
$ 25 Nitrobenzene-d5	82	4.368	4.384	-0.016	96	747859	8.20	
* 35 Naphthalene-d8	136	5.091	5.102	-0.011	97	1249721	8.00	
$ 48 2-Fluorobiphenyl	172	6.190	6.202	-0.012	96	1012847	7.77	
* 61 Acenaphthene-d10	164	6.844	6.851	-0.007	88	764115	8.00	
$ 76 2,4,6-Tribromophenol	330	7.621	7.630	-0.009	89	158459	8.75	
* 83 Phenanthrene-d10	188	8.298	8.303	-0.005	98	1072849	8.00	
$ 91 Terphenyl-d14	244	9.867	9.871	-0.004	99	734489	9.98	
* 96 Chrysene-d12	240	10.928	10.937	-0.009	99	559413	8.00	
* 103 Perylene-d12	264	12.691	12.700	-0.009	99	510189	8.00	

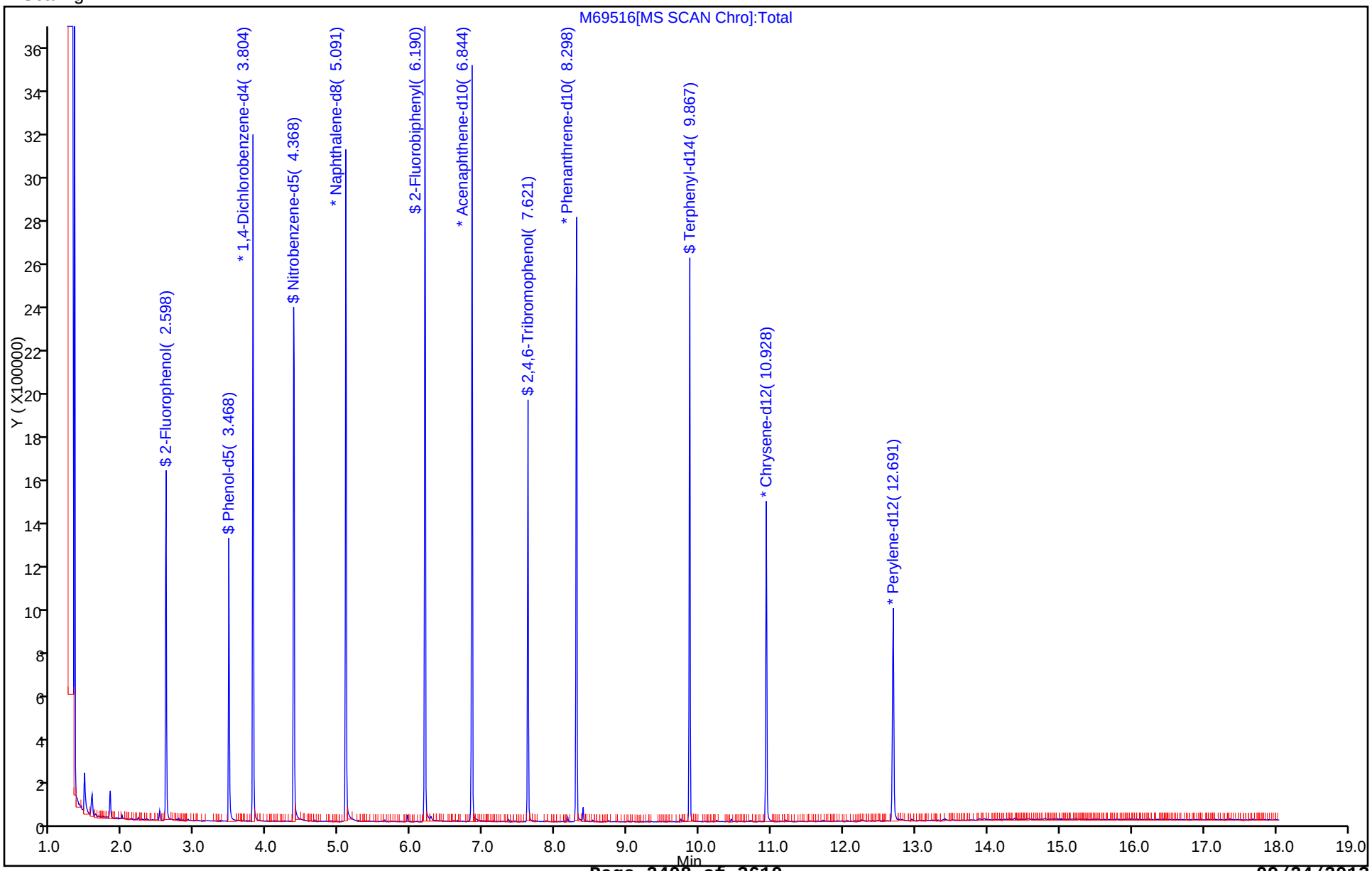
Report Date: 20-Sep-2013 15:21:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS6\20130918-4746.b\M69516.D

Injection Date:	18-Sep-2013 10:33:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	181879	Lims Sample ID:	20
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-182330/1-A

Matrix: Solid | Lab File ID: 112761.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/20/2013 08:59

Sample wt/vol: 15.00(g) | Date Analyzed: 09/20/2013 22:11

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.: 182394 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	44	U	330	44
95-57-8	2-Chlorophenol	44	U	330	44
95-48-7	2-Methylphenol	56	U	330	56
106-44-5	4-Methylphenol	65	U	330	65
100-52-7	Benzaldehyde	39	U	330	39
98-86-2	Acetophenone	51	U	330	51
111-44-4	Bis(2-chloroethyl)ether	4.5	U	33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	37	U	330	37
621-64-7	N-Nitrosodi-n-propylamine	5.5	U	33	5.5
98-95-3	Nitrobenzene	4.7	U	33	4.7
67-72-1	Hexachloroethane	3.7	U	33	3.7
78-59-1	Isophorone	40	U	330	40
88-75-5	2-Nitrophenol	37	U	330	37
105-67-9	2,4-Dimethylphenol	82	U	330	82
120-83-2	2,4-Dichlorophenol	48	U	330	48
111-91-1	Bis(2-chloroethoxy)methane	43	U	330	43
91-20-3	Naphthalene	38	U	330	38
106-47-8	4-Chloroaniline	88	U	330	88
87-68-3	Hexachlorobutadiene	8.1	U	67	8.1
105-60-2	Caprolactam	76	U	330	76
59-50-7	4-Chloro-3-methylphenol	50	U	330	50
91-57-6	2-Methylnaphthalene	43	U	330	43
118-74-1	Hexachlorobenzene	4.5	U	33	4.5
77-47-4	Hexachlorocyclopentadiene	39	U	330	39
88-06-2	2,4,6-Trichlorophenol	39	U	330	39
95-95-4	2,4,5-Trichlorophenol	43	U	330	43
92-52-4	Diphenyl	44	U	330	44
91-58-7	2-Chloronaphthalene	37	U	330	37
88-74-4	2-Nitroaniline	140	U	670	140
606-20-2	2,6-Dinitrotoluene	10	U	67	10
131-11-3	Dimethyl phthalate	39	U	330	39
208-96-8	Acenaphthylene	39	U	330	39
99-09-2	3-Nitroaniline	120	U	670	120
83-32-9	Acenaphthene	48	U	330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-182330/1-A

Matrix: Solid | Lab File ID: 112761.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/20/2013 08:59

Sample wt/vol: 15.00(g) | Date Analyzed: 09/20/2013 22:11

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.: 182394 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	210	U	1000	210
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	39	U	330	39
84-66-2	Diethyl phthalate	39	U	330	39
86-73-7	Fluorene	42	U	330	42
206-44-0	Fluoranthene	44	U	330	44
84-74-2	Di-n-butyl phthalate	41	U	330	41
121-14-2	2,4-Dinitrotoluene	11	U	67	11
7005-72-3	4-Chlorophenyl phenyl ether	39	U	330	39
100-01-6	4-Nitroaniline	100	U	670	100
534-52-1	4,6-Dinitro-2-methylphenol	90	U	1000	90
101-55-3	4-Bromophenyl phenyl ether	33	U	330	33
1912-24-9	Atrazine	51	U	330	51
120-12-7	Anthracene	40	U	330	40
86-74-8	Carbazole	39	U	330	39
85-01-8	Phenanthrene	42	U	330	42
87-86-5	Pentachlorophenol	99	U	1000	99
129-00-0	Pyrene	28	U	330	28
218-01-9	Chrysene	39	U	330	39
207-08-9	Benzo[k]fluoranthene	2.5	U	33	2.5
191-24-2	Benzo[g,h,i]perylene	25	U	330	25
205-99-2	Benzo[b]fluoranthene	2.1	U	33	2.1
50-32-8	Benzo[a]pyrene	2.3	U	33	2.3
56-55-3	Benzo[a]anthracene	2.3	U	33	2.3
86-30-6	N-Nitrosodiphenylamine	33	U	330	33
85-68-7	Butyl benzyl phthalate	30	U	330	30
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	330	110
117-84-0	Di-n-octyl phthalate	21	U	330	21
193-39-5	Indeno[1,2,3-cd]pyrene	6.2	U	33	6.2
53-70-3	Dibenz(a,h)anthracene	4.2	U	33	4.2
91-94-1	3,3'-Dichlorobenzidine	120	U	670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	330	45
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-182330/1-A

Matrix: Solid | Lab File ID: 112761.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/20/2013 08:59

Sample wt/vol: 15.00(g) | Date Analyzed: 09/20/2013 22:11

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.: 182394 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	64		10-120
4165-62-2	Phenol-d5	77		41-118
367-12-4	2-Fluorophenol	86		37-125
4165-60-0	Nitrobenzene-d5	76		38-105
321-60-8	2-Fluorobiphenyl	80		40-109
1718-51-0	Terphenyl-d14	87		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-182330/1-A

Matrix: Solid | Lab File ID: 112761.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/20/2013 08:59

Sample wt/vol: 15.00(g) | Date Analyzed: 09/20/2013 22:11

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.: 182394 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 5140

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Aldol condensation product	1.68	5140	J A

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112761.D		
Lims ID:	MB 460-182330/1-A	Client ID:	
Inject. Date:	20-Sep-2013 22:11:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0004854-017		
Misc. Info.:	MB 460-182330/1-A		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	17
Lims Batch ID:	182394	Lims Sample ID:	17
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\8270_12.m		
Last Update:	21-Sep-2013 10:52:53	Calib Date:	16-Sep-2013 20:10:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:		Column Dia:	
Process Host:	XAWRK024		
First Level Reviewer: bayoumiw		Date:	21-Sep-2013 10:52:53

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	1.941	1.917	0.024	94	1484444	85.9	
$ 6 Phenol-d5	99	2.805	2.811	-0.006	98	1808290	77.1	
* 13 1,4-Dichlorobenzene-d4	152	3.123	3.123	0.0	96	695329	40.0	
$ 25 Nitrobenzene-d5	82	3.717	3.723	-0.006	88	824859	38.0	
* 35 Naphthalene-d8	136	4.441	4.446	-0.005	100	2580738	40.0	
$ 48 2-Fluorobiphenyl	172	5.564	5.564	0.0	97	1813409	40.0	
* 61 Acenaphthene-d10	164	6.193	6.199	-0.006	94	1341706	40.0	
$ 76 2,4,6-Tribromophenol	330	6.976	6.976	0.0	92	537404	63.8	
* 83 Phenanthrene-d10	188	7.634	7.634	0.0	98	2001442	40.0	
$ 91 Terphenyl-d14	244	9.211	9.211	0.0	99	1557852	43.3	
* 96 Chrysene-d12	240	10.199	10.199	0.0	99	1517637	40.0	
* 103 Perylene-d12	264	11.775	11.775	0.0	98	1348702	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112761.D		
Lims ID:	MB 460-182330/1-A	Client ID:	
Inject. Date:	20-Sep-2013 22:11:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0004854-017		
Misc. Info.:	MB 460-182330/1-A		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	17
Lims Batch ID:	182394	Lims Sample ID:	17
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\8270_12.m		
Last Update:	21-Sep-2013 10:52:53	Calib Date:	16-Sep-2013 20:10:30
Tic RT Window:	0.000 -0.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\EDICHROM\ChromData\Database\NIST02.L		
Min. Match:	75		
Process Host:	XAWRK024		
First Level Reviewer: bayoumiw		Date:	21-Sep-2013 10:52:53

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
Aldol condensation product						
1.676	8170776	77.1	13	0	0	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	3.123	4237690	40.0

QC Flag Legend

Processing Flags

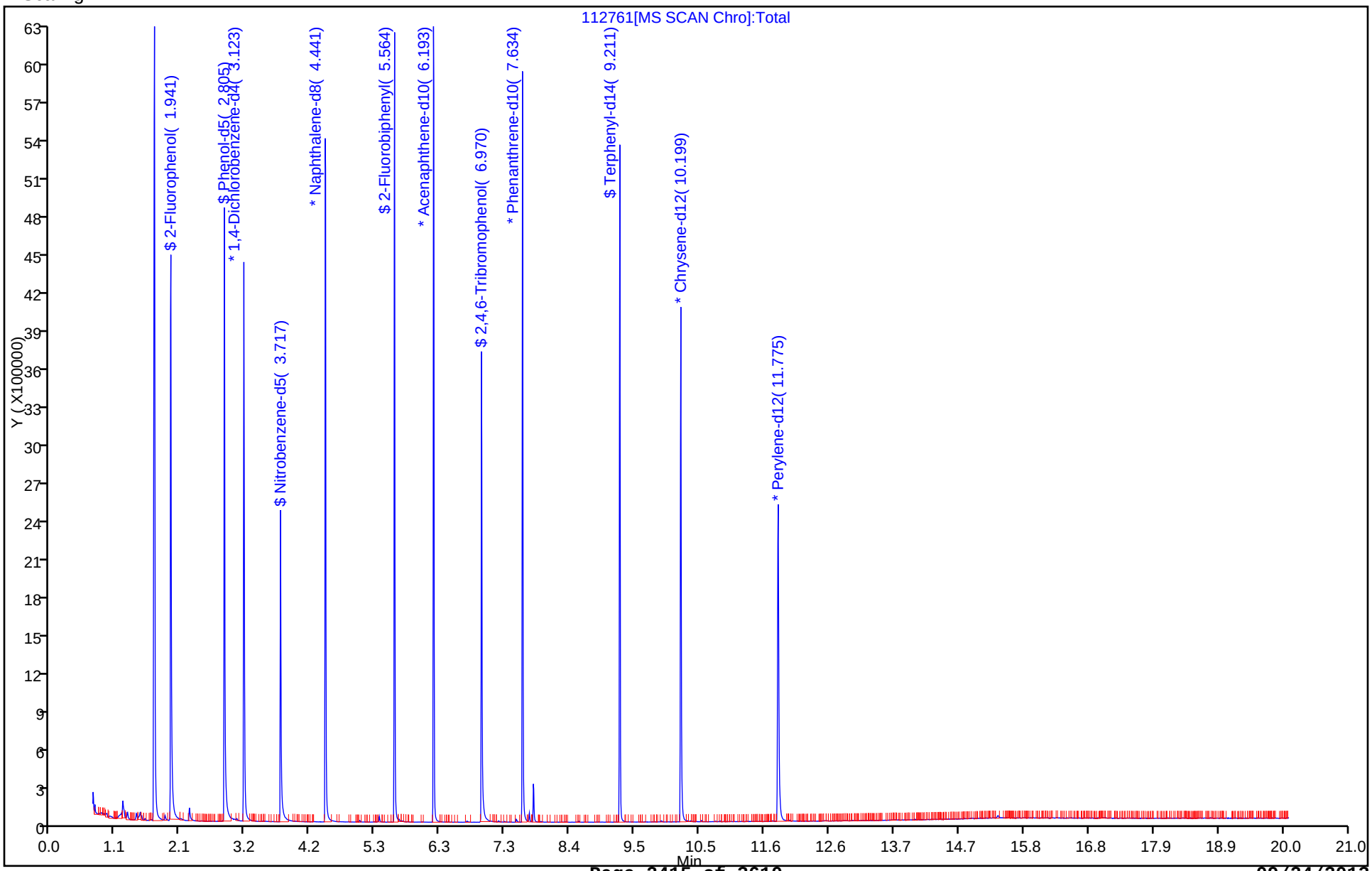
Report Date: 21-Sep-2013 10:52:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112761.D

Injection Date:	20-Sep-2013 22:11:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	17
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



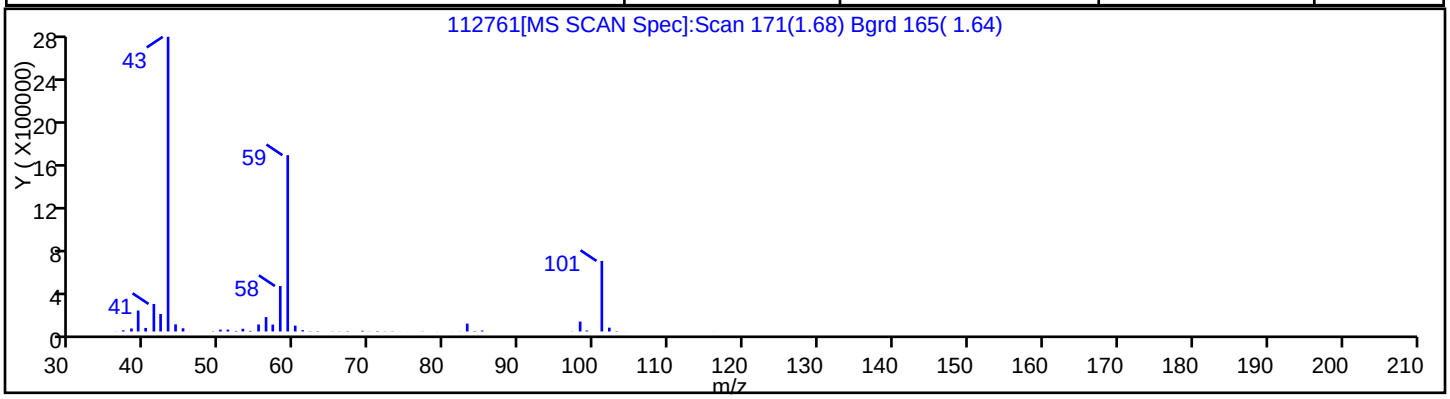
Report Date: 21-Sep-2013 10:52:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112761.D

Injection Date:	20-Sep-2013 22:11:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	17
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Aldol condensation product		NIST02.L	0	0



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181707/2-A

Matrix: Solid | Lab File ID: x5332.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2013 05:58

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.: 181988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2640		330	44
95-57-8	2-Chlorophenol	2720		330	44
95-48-7	2-Methylphenol	2690		330	56
106-44-5	4-Methylphenol	2950		330	65
100-52-7	Benzaldehyde	762		330	39
98-86-2	Acetophenone	2530		330	51
111-44-4	Bis(2-chloroethyl)ether	2610		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2610		330	37
621-64-7	N-Nitrosodi-n-propylamine	3000		33	5.5
98-95-3	Nitrobenzene	2100		33	4.7
67-72-1	Hexachloroethane	2510		33	3.7
78-59-1	Isophorone	2820		330	40
88-75-5	2-Nitrophenol	2740		330	37
105-67-9	2,4-Dimethylphenol	2620		330	82
120-83-2	2,4-Dichlorophenol	2740		330	48
111-91-1	Bis(2-chloroethoxy)methane	2720		330	43
91-20-3	Naphthalene	2590		330	38
106-47-8	4-Chloroaniline	1620		330	88
87-68-3	Hexachlorobutadiene	2620		67	8.1
105-60-2	Caprolactam	2040		330	76
59-50-7	4-Chloro-3-methylphenol	2980		330	50
91-57-6	2-Methylnaphthalene	2810		330	43
118-74-1	Hexachlorobenzene	2610		33	4.5
77-47-4	Hexachlorocyclopentadiene	3020		330	39
88-06-2	2,4,6-Trichlorophenol	2580		330	39
95-95-4	2,4,5-Trichlorophenol	2580		330	43
92-52-4	Diphenyl	2640		330	44
91-58-7	2-Chloronaphthalene	2550		330	37
88-74-4	2-Nitroaniline	2750		670	140
606-20-2	2,6-Dinitrotoluene	2750		67	10
131-11-3	Dimethyl phthalate	2790		330	39
208-96-8	Acenaphthylene	2710		330	39
99-09-2	3-Nitroaniline	2180		670	120
83-32-9	Acenaphthene	2700		330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181707/2-A

Matrix: Solid | Lab File ID: x5332.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2013 05:58

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.: 181988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5000		1000	210
51-28-5	2,4-Dinitrophenol	1590		1000	190
132-64-9	Dibenzofuran	2640		330	39
84-66-2	Diethyl phthalate	2700		330	39
86-73-7	Fluorene	2730		330	42
206-44-0	Fluoranthene	2750		330	44
84-74-2	Di-n-butyl phthalate	2780		330	41
121-14-2	2,4-Dinitrotoluene	2700		67	11
7005-72-3	4-Chlorophenyl phenyl ether	2690		330	39
100-01-6	4-Nitroaniline	2410		670	100
534-52-1	4,6-Dinitro-2-methylphenol	2930		1000	90
101-55-3	4-Bromophenyl phenyl ether	2680		330	33
1912-24-9	Atrazine	2300		330	51
120-12-7	Anthracene	2630		330	40
86-74-8	Carbazole	2870		330	39
85-01-8	Phenanthrene	2680		330	42
87-86-5	Pentachlorophenol	4420		1000	99
129-00-0	Pyrene	2530		330	28
218-01-9	Chrysene	2720		330	39
207-08-9	Benzo[k]fluoranthene	2720		33	2.5
191-24-2	Benzo[g,h,i]perylene	2960		330	25
205-99-2	Benzo[b]fluoranthene	2820		33	2.1
50-32-8	Benzo[a]pyrene	2880		33	2.3
56-55-3	Benzo[a]anthracene	2630		33	2.3
86-30-6	N-Nitrosodiphenylamine	2920		330	33
85-68-7	Butyl benzyl phthalate	2810		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	2860		330	110
117-84-0	Di-n-octyl phthalate	2750		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	3030		33	6.2
53-70-3	Dibenz(a,h)anthracene	2920		33	4.2
91-94-1	3,3'-Dichlorobenzidine	2380		670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2550		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	2650		330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181707/2-A

Matrix: Solid | Lab File ID: x5332.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2013 05:58

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.: 181988 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	69		10-120
4165-62-2	Phenol-d5	73		41-118
367-12-4	2-Fluorophenol	64		37-125
4165-60-0	Nitrobenzene-d5	72		38-105
321-60-8	2-Fluorobiphenyl	72		40-109
1718-51-0	Terphenyl-d14	68		16-151

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13.b/x5332.d
Report Date: 18-Sep-2013 06:24

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-10-13/18sep13.b/x5332.d
Lab Smp Id: LCS 460-181707/2-A
Inj Date : 18-SEP-2013 05:58
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : LCS 460-181707/2-A
Misc Info :
Comment :
Method : /chem/BNAMS5.i/8270/09-10-13/18sep13.b/8270C_11.m
Meth Date : 18-Sep-2013 05:48 asfawa Quant Type: ISTD
Cal Date : 10-SEP-2013 18:50 Cal File: x5049.d
Als bottle: 3 QC Sample: LCS
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	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	1.076	1.011	(0.314)	111012	18.8433	1200
	19 N-Nitrosodimethylamine	74	1.253	1.211	(0.365)	297491	35.7562	2400(H)
	71 Pyridine	79	1.270	1.223	(0.370)	388118	27.9507	1900
$	16 2-Fluorophenol (SUR)	112	2.235	2.217	(0.652)	835528	64.4072	4300
	110 Benzaldehyde	77	2.988	2.982	(0.871)	70196	11.4294	760
$	17 Phenol-d5 (SUR)	99	3.117	3.123	(0.909)	1074894	72.6599	4800
	1 Phenol	94	3.129	3.135	(0.912)	658103	39.6555	2600
	73 Aniline	93	3.099	3.105	(0.904)	448604	25.0090	1700
	20 bis(2-Chloroethyl)ether	93	3.182	3.188	(0.928)	536598	39.0912	2600
	2 2-Chlorophenol	128	3.223	3.229	(0.940)	562022	40.7566	2700
	113 n-decane	43	3.299	3.300	(0.962)	363248	31.6500	2100
	21 1,3-Dichlorobenzene	146	3.370	3.376	(0.983)	584598	36.5681	2400
*	79 1,4-Dichlorobenzene-d4	152	3.429	3.435	(1.000)	393261	40.0000	

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13.b/x5332.d
Report Date: 18-Sep-2013 06:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	3.447	3.452	(1.005)	582998	37.0678	2500
	74 Benzyl Alcohol	108	3.599	3.605	(1.050)	307656	40.8418	2700
	23 1,2-Dichlorobenzene	146	3.599	3.605	(1.050)	538008	37.0494	2500
	3 2-Methylphenol	108	3.741	3.747	(1.091)	447865	40.3761	2700
	24 bis (2-chloroisopropyl) ether	45	3.735	3.741	(1.089)	512234	39.0835	2600
	4 4-Methylphenol	108	3.911	3.917	(1.141)	493889	44.3004	3000
	123 3 & 4 Methylphenol	108	3.911	3.917	(1.141)	497983	44.3910	3000
	104 Acetophenone	105	3.858	3.870	(1.125)	571661	37.9220	2500
	25 N-Nitroso-di-n-propylamine	70	3.882	3.894	(1.132)	375528	44.9279	3000
	26 Hexachloroethane	117	3.941	3.947	(1.149)	208590	37.6793	2500
$	76 Nitrobenzene-d5 (SUR)	82	4.005	4.017	(0.847)	484271	35.9038	2400
	27 Nitrobenzene	77	4.029	4.041	(0.852)	520233	31.4644	2100
	107 N,N-Dimethylaniline	120	3.935	4.047	(1.148)	3085	0.17165	11(aR)
	28 Isophorone	82	4.282	4.288	(0.905)	869032	42.3189	2800
	5 2-Nitrophenol	139	4.352	4.358	(0.920)	297903	41.0879	2700
	6 2,4-Dimethylphenol	122	4.446	4.452	(0.940)	440528	39.3743	2600
	29 bis(2-Chloroethoxy)methane	93	4.529	4.535	(0.958)	586648	40.7391	2700
	15 Benzoic Acid	122	4.594	4.623	(0.971)	116845	30.0225	2000
	7 2,4-Dichlorophenol	162	4.617	4.617	(0.976)	412486	41.0554	2700
	30 1,2,4-Trichlorobenzene	180	4.682	4.688	(0.990)	460508	38.0625	2500
*	80 Naphthalene-d8	136	4.729	4.735	(1.000)	1428991	40.0000	
	31 Naphthalene	128	4.752	4.758	(1.005)	1429317	38.8203	2600
	32 4-Chloroaniline	127	4.829	4.835	(1.021)	314389	24.2735	1600
	33 Hexachlorobutadiene	225	4.899	4.899	(1.036)	251723	39.3619	2600
	111 Caprolactam	113	5.211	5.229	(1.102)	75058	30.6317	2000(H)
	8 4-Chloro-3-methylphenol	107	5.370	5.370	(1.136)	376779	44.6961	3000
	34 2-Methylnaphthalene	142	5.452	5.458	(1.153)	942207	42.1827	2800
	120 1-Methylnaphthalene	142	5.546	5.552	(1.173)	882575	38.3067	2600
	35 Hexachlorocyclopentadiene	237	5.623	5.629	(0.868)	220569	45.2328	3000
	129 1,2,4,5-Tetrachlorobenzene	216	5.629	5.629	(0.868)	412936	38.2824	2600
	121 2-tert-Butyl-4-methylphenol	149	5.835	5.711	(1.234)	4794	0.32722	22(a)
	9 2,4,6-Trichlorophenol	196	5.758	5.758	(0.888)	255440	38.6290	2600
	10 2,4,5-Trichlorophenol	196	5.799	5.799	(0.895)	255682	38.7203	2600
$	77 2-Fluorobiphenyl (SUR)	172	5.835	5.841	(0.900)	872738	36.1221	2400
	102 Diphenyl	154	5.929	5.929	(0.915)	1003954	39.5435	2600
	36 2-Chloronaphthalene	162	5.935	5.935	(0.916)	754237	38.3061	2600
	37 2-Nitroaniline	65	6.058	6.058	(0.935)	206885	41.1935	2700
	38 Dimethylphthalate	163	6.264	6.258	(0.966)	756539	41.8892	2800
	40 2,6-Dinitrotoluene	165	6.305	6.311	(0.973)	185517	41.2584	2800
	39 Acenaphthylene	152	6.335	6.341	(0.977)	1242233	40.6303	2700
	41 3-Nitroaniline	138	6.464	6.470	(0.997)	134524	32.7574	2200
*	82 Acenaphthene-d10	164	6.482	6.482	(1.000)	661321	40.0000	
	42 Acenaphthene	154	6.511	6.511	(1.005)	732639	40.5575	2700
	11 2,4-Dinitrophenol	184	6.570	6.576	(1.014)	36408	23.8018	1600
	12 4-Nitrophenol	65	6.682	6.676	(1.031)	162239	74.9962	5000
	44 2,4-Dinitrotoluene	165	6.699	6.699	(1.034)	204269	40.4491	2700
	43 Dibenzofuran	168	6.682	6.682	(1.031)	1009258	39.5708	2600

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13.b/x5332.d
Report Date: 18-Sep-2013 06:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	130 2,3,4,6-Tetrachlorophenol	232	6.823	6.823	(1.053)	172642	39.7320	2600
	45 Diethylphthalate	149	6.952	6.952	(1.073)	661111	40.5535	2700
	46 4-Chlorophenyl-phenylether	204	7.035	7.035	(1.085)	394677	40.3299	2700
	47 Fluorene	166	7.017	7.017	(1.083)	800034	40.9030	2700
	48 4-Nitroaniline	138	7.064	7.064	(1.090)	105376	36.1116	2400
	13 4,6-Dinitro-2-methylphenol	198	7.099	7.099	(0.896)	98181	44.0178	2900
	49 N-Nitrosodiphenylamine	169	7.158	7.158	(0.903)	546588	43.8149	2900
	75 1,2-Diphenylhydrazine	77	7.187	7.188	(0.907)	728744	43.9214	2900
$	18 2,4,6-Tribromophenol (SUR)	330	7.258	7.252	(1.120)	211499	69.3189	4600
	50 4-Bromophenyl-phenylether	248	7.505	7.505	(0.947)	215180	40.2236	2700
	51 Hexachlorobenzene	284	7.558	7.558	(0.954)	224471	39.1413	2600
	112 Atrazine	200	7.699	7.699	(0.972)	110023	34.5063	2300
	14 Pentachlorophenol	266	7.758	7.758	(0.979)	175092	66.2978	4400
	132 Pentachloronitrobenzene	237	7.758	7.770	(0.979)	5253	3.33346	220(a)
	115 n-Octadecane	57	7.893	7.893	(0.996)	411270	41.3889	2800
*	83 Phenanthrene-d10	188	7.923	7.923	(1.000)	769434	40.0000	
	52 Phenanthrene	178	7.946	7.946	(1.003)	887046	40.2415	2700
	53 Anthracene	178	7.993	7.993	(1.009)	866051	39.4409	2600
	54 Carbazole	167	8.164	8.164	(1.030)	711070	42.9934	2900
	55 Di-n-butylphthalate	149	8.546	8.546	(1.079)	814317	41.6723	2800
	56 Fluoranthene	202	9.099	9.093	(1.148)	721313	41.2415	2700
	58 Benzidine	184	9.258	9.252	(1.169)	3050	1.48808	99(aR)
	57 Pyrene	202	9.311	9.311	(0.886)	695054	37.9183	2500
$	78 Terphenyl-d14	244	9.493	9.493	(0.903)	435230	34.2127	2300
	59 Butylbenzylphthalate	149	9.993	9.993	(0.951)	254063	42.1806	2800
	131 Kepone	272	10.199	10.199	(0.970)	13602	378.882	25000(A)
	124 Carbamazepine	193	10.076	10.076	(0.959)	138	0.03860	2.6(a)
	60 3,3'-Dichlorobenzidine	252	10.499	10.493	(0.999)	112158	35.7684	2400
	61 Benzo(a)anthracene	228	10.499	10.499	(0.999)	496470	39.4963	2600
*	81 Chrysene-d12	240	10.511	10.511	(1.000)	411673	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	10.605	10.599	(1.009)	337494	42.9586	2900
	62 Chrysene	228	10.534	10.534	(1.002)	474403	40.8273	2700
	64 Di-n-octylphthalate	149	11.334	11.334	(0.932)	485240	41.2131	2700
	65 Benzo(b)fluoranthene	252	11.705	11.705	(0.963)	420618	42.2722	2800
	66 Benzo(k)fluoranthene	252	11.734	11.734	(0.965)	444588	40.8584	2700
	67 Benzo(a)pyrene	252	12.087	12.087	(0.994)	367603	43.2296	2900
*	84 Perylene-d12	264	12.158	12.158	(1.000)	354534	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.481	13.481	(1.109)	325961	45.5043	3000
	69 Dibenz(a,h)anthracene	278	13.516	13.511	(1.112)	350374	43.7974	2900
	70 Benzo(g,h,i)perylene	276	13.799	13.799	(1.135)	367006	44.3836	3000

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/BNAMS5.i/8270/09-10-13/18sep13.b/x5332.d
Report Date: 18-Sep-2013 06:24

QC Flag Legend

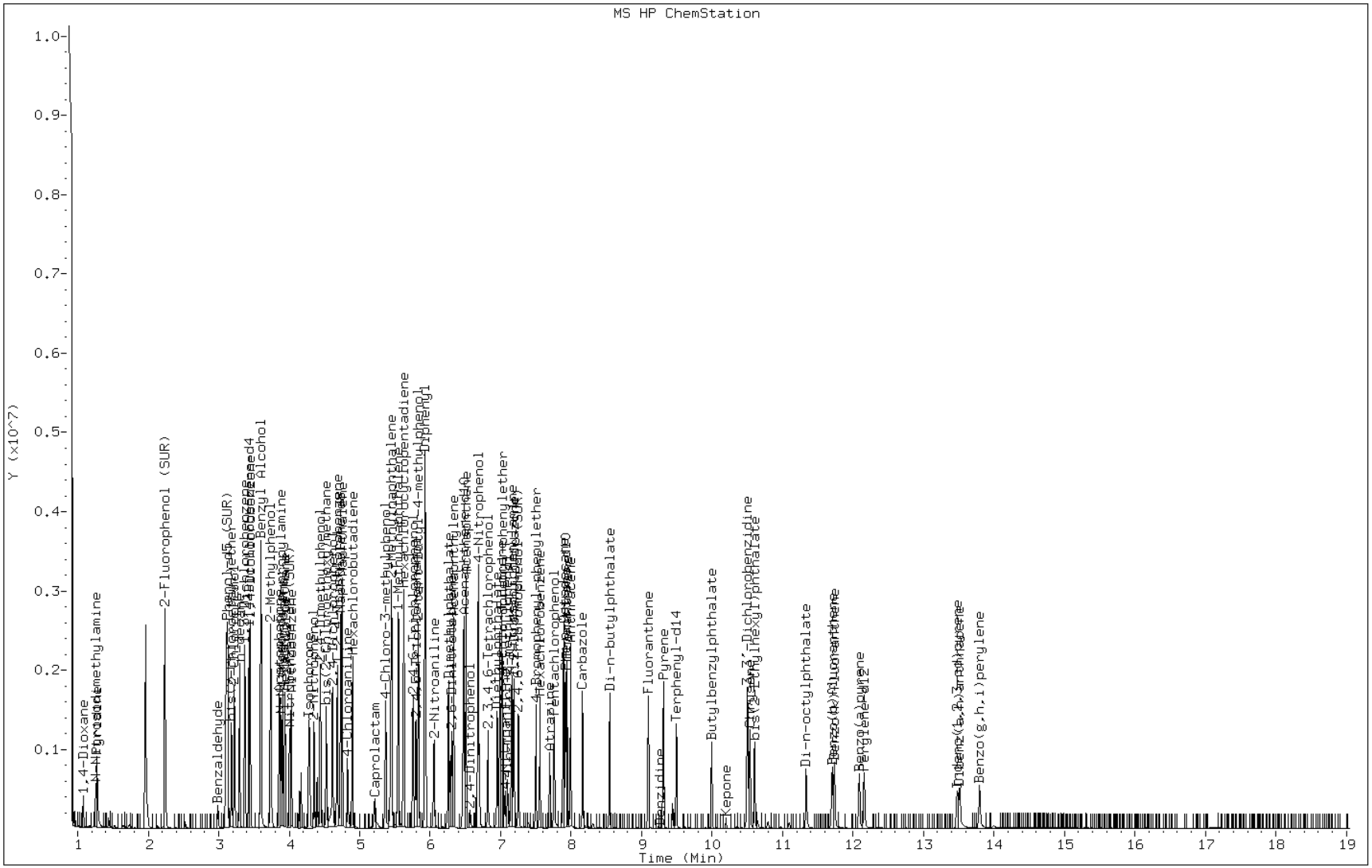
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: x5332.d

Date: 18-SEP-2013 05:58

Client ID: Instrument: BNAMS5.i

Sample Info: LCS 460-181707/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181712/2-A

Matrix: Solid | Lab File ID: 112699.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 15:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2570		330	44
95-57-8	2-Chlorophenol	2500		330	44
95-48-7	2-Methylphenol	2550		330	56
106-44-5	4-Methylphenol	2660		330	65
100-52-7	Benzaldehyde	548		330	39
98-86-2	Acetophenone	2120		330	51
111-44-4	Bis(2-chloroethyl)ether	2440		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2450		330	37
621-64-7	N-Nitrosodi-n-propylamine	2580		33	5.5
98-95-3	Nitrobenzene	1860		33	4.7
67-72-1	Hexachloroethane	2280		33	3.7
78-59-1	Isophorone	2540		330	40
88-75-5	2-Nitrophenol	2690		330	37
105-67-9	2,4-Dimethylphenol	2480		330	82
120-83-2	2,4-Dichlorophenol	2680		330	48
111-91-1	Bis(2-chloroethoxy)methane	2500		330	43
91-20-3	Naphthalene	2480		330	38
106-47-8	4-Chloroaniline	1210		330	88
87-68-3	Hexachlorobutadiene	2560		67	8.1
105-60-2	Caprolactam	1370		330	76
59-50-7	4-Chloro-3-methylphenol	2590		330	50
91-57-6	2-Methylnaphthalene	2570		330	43
118-74-1	Hexachlorobenzene	2630		33	4.5
77-47-4	Hexachlorocyclopentadiene	3050		330	39
88-06-2	2,4,6-Trichlorophenol	2580		330	39
95-95-4	2,4,5-Trichlorophenol	2600		330	43
92-52-4	Diphenyl	2560		330	44
91-58-7	2-Chloronaphthalene	2430		330	37
88-74-4	2-Nitroaniline	2630		670	140
606-20-2	2,6-Dinitrotoluene	2640		67	10
131-11-3	Dimethyl phthalate	2530		330	39
208-96-8	Acenaphthylene	2600		330	39
99-09-2	3-Nitroaniline	1830		670	120
83-32-9	Acenaphthene	2550		330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181712/2-A

Matrix: Solid | Lab File ID: 112699.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 15:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5760		1000	210
51-28-5	2,4-Dinitrophenol	1540		1000	190
132-64-9	Dibenzofuran	2550		330	39
84-66-2	Diethyl phthalate	2560		330	39
86-73-7	Fluorene	2490		330	42
206-44-0	Fluoranthene	2580		330	44
84-74-2	Di-n-butyl phthalate	2610		330	41
121-14-2	2,4-Dinitrotoluene	2610		67	11
7005-72-3	4-Chlorophenyl phenyl ether	2570		330	39
100-01-6	4-Nitroaniline	1650		670	100
534-52-1	4,6-Dinitro-2-methylphenol	2510		1000	90
101-55-3	4-Bromophenyl phenyl ether	2670		330	33
1912-24-9	Atrazine	1940		330	51
120-12-7	Anthracene	2610		330	40
86-74-8	Carbazole	2610		330	39
85-01-8	Phenanthrene	2580		330	42
87-86-5	Pentachlorophenol	4610		1000	99
129-00-0	Pyrene	2720		330	28
218-01-9	Chrysene	2510		330	39
207-08-9	Benzo[k]fluoranthene	2690		33	2.5
191-24-2	Benzo[g,h,i]perylene	2590		330	25
205-99-2	Benzo[b]fluoranthene	2770		33	2.1
50-32-8	Benzo[a]pyrene	2860		33	2.3
56-55-3	Benzo[a]anthracene	2600		33	2.3
86-30-6	N-Nitrosodiphenylamine	2750		330	33
85-68-7	Butyl benzyl phthalate	2700		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	2650		330	110
117-84-0	Di-n-octyl phthalate	2660		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	2390		33	6.2
53-70-3	Dibenz(a,h)anthracene	2590		33	4.2
91-94-1	3,3'-Dichlorobenzidine	1500		670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2490		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	2700		330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181712/2-A

Matrix: Solid | Lab File ID: 112699.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 15:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182161 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	70		10-120
4165-62-2	Phenol-d5	68		41-118
367-12-4	2-Fluorophenol	75		37-125
4165-60-0	Nitrobenzene-d5	67		38-105
321-60-8	2-Fluorobiphenyl	69		40-109
1718-51-0	Terphenyl-d14	73		16-151

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112699.D
Lims ID: LCS 460-181712/2-A
Client ID:
Inject. Date: 19-Sep-2013 15:05:30
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 460-0004813-007
Misc. Info.: LCS 460-181712/2-A
Operator: BNA 12
Instrument ID: CBNAMS12
Injection Vol: 1.0 ul
ALS Bottle#: 7
Lims Batch ID: 182161
Lims Sample ID: 7
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\8270_12.m
Last Update: 20-Sep-2013 11:31:28
Calib Date: 16-Sep-2013 20:10:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D
Limit Group: SV 8270 ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type:
Column Dia:
Process Host: XAWRK008

First Level Reviewer: bayoumiw
Date: 20-Sep-2013 11:31:28

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
1 1,4-Dioxane	88	0.804	0.769	0.035	92	139614	18.2	
2 N-Nitrosodimethylamine	74	0.981	0.952	0.029	85	379672	39.0	
3 Pyridine	79	0.998	0.969	0.029	92	463112	25.5	
$ 4 2-Fluorophenol	112	1.945	1.934	0.011	96	1298857	75.1	
5 Benzaldehyde	77	2.716	2.698	0.018	91	100202	8.22	
8 Aniline	93	2.816	2.810	0.006	94	519872	18.9	
$ 6 Phenol-d5	99	2.828	2.828	0.0	98	1605643	68.4	
7 Phenol	94	2.840	2.840	0.0	98	954668	38.5	
9 Bis(2-chloroethyl)ether	93	2.904	2.898	0.006	95	746695	36.6	
10 2-Chlorophenol	128	2.928	2.928	0.0	95	861006	37.5	
11 n-Decane	43	3.016	3.016	0.0	89	622476	29.2	
12 1,3-Dichlorobenzene	146	3.081	3.075	0.006	95	951440	33.9	
* 13 1,4-Dichlorobenzene-d4	152	3.140	3.140	0.0	96	695999	40.0	
14 1,4-Dichlorobenzene	146	3.157	3.157	0.0	83	976800	34.3	
16 1,2-Dichlorobenzene	146	3.316	3.310	0.006	96	944520	35.3	
15 Benzyl alcohol	108	3.322	3.322	0.0	89	484898	37.9	
17 2-Methylphenol	108	3.469	3.463	0.006	86	712517	38.3	
18 2,2'-oxybis[1-chloropropane]	45	3.469	3.469	0.0	92	980174	36.7	
19 Acetophenone	105	3.592	3.587	0.005	91	902223	31.8	
20 N-Nitrosodi-n-propylamine	70	3.610	3.610	0.0	82	549536	38.7	
21 4-Methylphenol	108	3.639	3.640	-0.001	94	733916	40.0	
24 Hexachloroethane	117	3.657	3.657	0.0	93	380697	34.1	
$ 25 Nitrobenzene-d5	82	3.739	3.740	-0.001	87	722107	33.3	
26 Nitrobenzene	77	3.757	3.763	-0.006	96	801127	27.9	
28 Isophorone	82	4.022	4.022	0.0	99	1277577	38.2	
29 2-Nitrophenol	139	4.092	4.093	-0.001	94	469940	40.4	
30 2,4-Dimethylphenol	122	4.187	4.187	-0.001	91	697757	37.3	
31 Bis(2-chloroethoxy)methane	93	4.275	4.275	0.0	99	881348	37.5	
33 2,4-Dichlorophenol	162	4.357	4.357	0.0	96	680656	40.2	
32 Benzoic acid	122	4.351	4.369	-0.018	33	55633	15.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
34 1,2,4-Trichlorobenzene	180	4.422	4.422	0.0	93	815438	37.2	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	2573951	40.0	
36 Naphthalene	128	4.486	4.487	-0.001	98	2451853	37.1	
37 4-Chloroaniline	127	4.581	4.575	0.006	97	455185	18.2	
38 Hexachlorobutadiene	225	4.639	4.634	0.005	96	502884	38.4	
39 Caprolactam	113	4.951	4.916	0.035	92	85194	20.6	
40 4-Chloro-3-methylphenol	107	5.122	5.110	0.012	96	638738	38.8	
41 2-Methylnaphthalene	142	5.198	5.192	0.006	82	1606265	38.5	
42 1-Methylnaphthalene	142	5.292	5.287	0.005	89	1493244	35.3	
43 Hexachlorocyclopentadiene	237	5.363	5.363	0.0	88	391392	45.7	
44 1,2,4,5-Tetrachlorobenzene	216	5.375	5.369	0.006	99	790157	37.3	
46 2,4,6-Trichlorophenol	196	5.510	5.504	0.006	93	478466	38.7	
47 2,4,5-Trichlorophenol	196	5.551	5.539	0.012	96	512317	39.0	
$ 48 2-Fluorobiphenyl	172	5.581	5.581	0.0	97	1570218	34.3	
49 1,1'-Biphenyl	154	5.675	5.669	0.006	96	1906059	38.3	
50 2-Chloronaphthalene	162	5.675	5.675	0.0	95	1476519	36.4	
54 2-Nitroaniline	65	5.804	5.804	0.0	97	394010	39.4	
56 Dimethyl phthalate	163	6.016	6.010	0.006	99	1646894	37.9	
58 2,6-Dinitrotoluene	165	6.069	6.063	0.006	94	387736	39.6	
59 Acenaphthylene	152	6.075	6.075	0.0	97	2392329	38.9	
* 61 Acenaphthene-d10	164	6.222	6.216	0.006	95	1354628	40.0	
60 3-Nitroaniline	138	6.216	6.216	0.0	47	283878	27.5	
62 Acenaphthene	154	6.251	6.245	0.006	95	1395567	38.2	
64 2,4-Dinitrophenol	184	6.369	6.357	0.012	81	55223	23.1	
66 Dibenzofuran	168	6.422	6.422	0.0	91	2114651	38.3	
65 4-Nitrophenol	65	6.445	6.451	-0.006	86	410045	86.4	
67 2,4-Dinitrotoluene	165	6.469	6.463	0.006	90	499853	39.1	
68 2,3,4,6-Tetrachlorophenol	232	6.569	6.569	0.0	95	407847	40.6	
69 Diethyl phthalate	149	6.710	6.710	0.0	97	1650436	38.5	
70 Fluorene	166	6.757	6.757	0.0	84	1644328	37.3	
71 4-Chlorophenyl phenyl ether	204	6.780	6.775	0.005	89	826745	38.6	
72 4-Nitroaniline	138	6.822	6.816	0.006	86	232784	24.7	
73 4,6-Dinitro-2-methylphenol	198	6.875	6.869	0.006	91	225260	37.6	
74 N-Nitrosodiphenylamine	169	6.904	6.904	0.0	66	1175814	41.2	
$ 76 2,4,6-Tribromophenol	330	6.998	6.992	0.006	92	591853	69.6	
77 4-Bromophenyl phenyl ether	248	7.251	7.245	0.006	94	515019	40.0	
78 Hexachlorobenzene	284	7.298	7.298	0.0	95	601128	39.5	
79 Atrazine	200	7.457	7.457	0.0	92	288895	29.1	
121 Pentachlorophenol	266	7.504	7.504	0.0	90	506709	69.1	
82 n-Octadecane	57	7.657	7.651	0.006	91	862813	39.0	
* 83 Phenanthrene-d10	188	7.663	7.657	0.006	99	2039390	40.0	
84 Phenanthrene	178	7.680	7.681	0.0	97	2233906	38.7	
85 Anthracene	178	7.733	7.728	0.005	98	2297983	39.1	
86 Carbazole	167	7.910	7.904	0.006	82	2007506	39.2	
87 Di-n-butyl phthalate	149	8.304	8.298	0.006	99	2583777	39.1	
88 Fluoranthene	202	8.833	8.827	0.006	98	2323107	38.7	
122 Benzidine	184	9.021	8.992	0.029	7	4793	0.1957	
90 Pyrene	202	9.039	9.039	0.0	97	2315050	40.7	
$ 91 Terphenyl-d14	244	9.233	9.227	0.006	99	1484952	36.3	
92 Butyl benzyl phthalate	149	9.739	9.739	0.0	95	997743	40.6	
94 3,3'-Dichlorobenzidine	252	10.216	10.210	0.006	88	415616	22.5	
95 Benzo[a]anthracene	228	10.216	10.210	0.006	99	1962033	39.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
* 96 Chrysene-d12	240	10.221	10.221	0.0	99	1725778	40.0	
97 Chrysene	228	10.251	10.245	0.006	95	1830861	37.6	
98 Bis(2-ethylhexyl) phthalate	149	10.333	10.333	0.0	84	1378990	39.8	
99 Di-n-octyl phthalate	149	11.039	11.033	0.006	95	2096349	39.9	
100 Benzo[b]fluoranthene	252	11.368	11.369	0.0	98	1775352	41.6	
101 Benzo[k]fluoranthene	252	11.404	11.398	0.006	99	1918200	40.4	
102 Benzo[a]pyrene	252	11.739	11.739	0.0	95	1630505	42.9	
* 103 Perylene-d12	264	11.804	11.804	0.0	99	1627160	40.0	
104 Indeno[1,2,3-cd]pyrene	276	13.098	13.098	0.0	98	1526540	35.8	M
105 Dibenz(a,h)anthracene	278	13.127	13.121	0.006	94	1661990	38.8	
106 Benzo[g,h,i]perylene	276	13.409	13.404	0.005	96	1690408	38.9	

QC Flag Legend

Review Flags
M - Manually Integrated

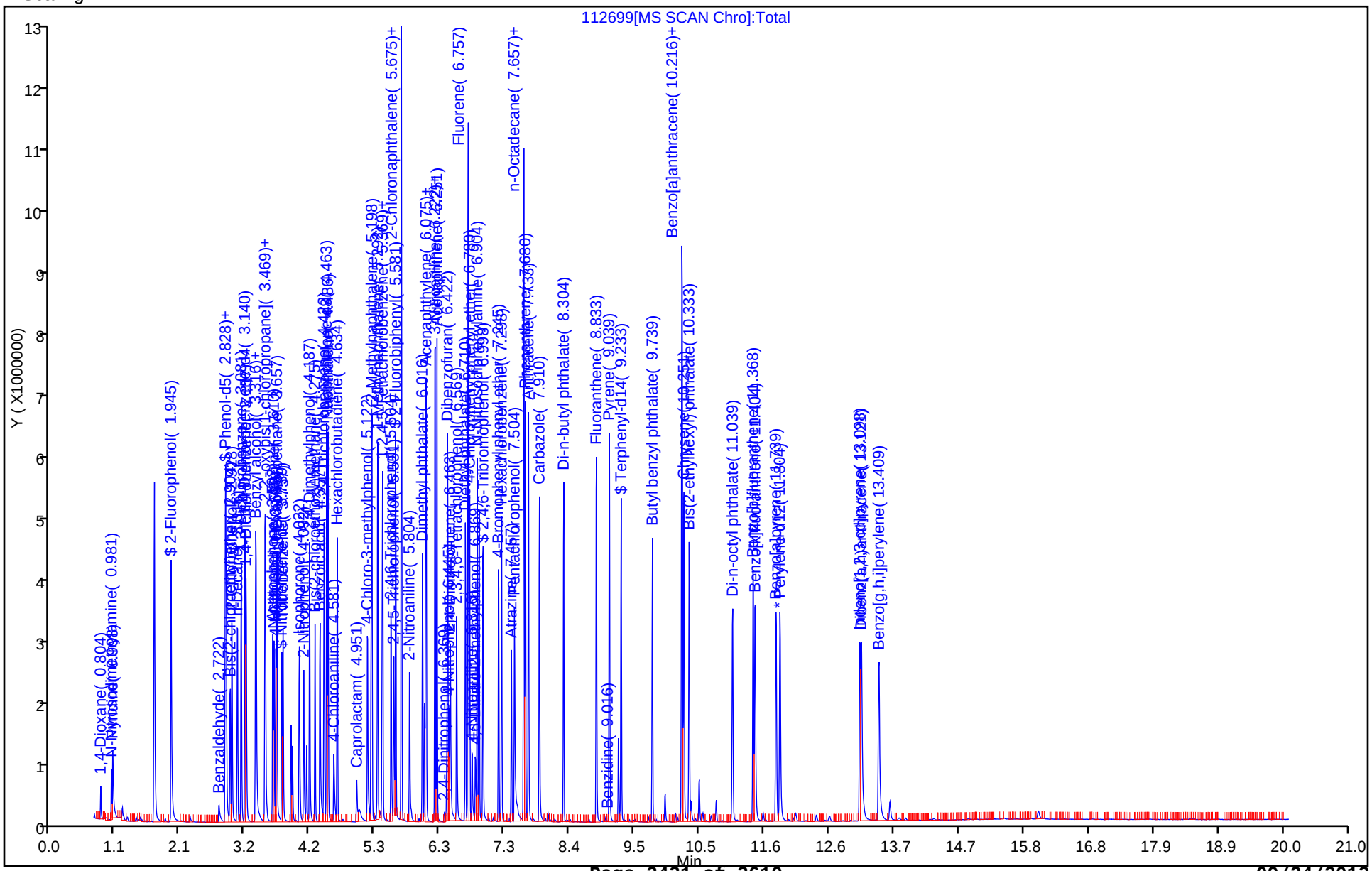
Report Date: 20-Sep-2013 11:31:29 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112699.D

Injection Date:	19-Sep-2013 15:05:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	7
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Manual Integration/User Assign Peak Report

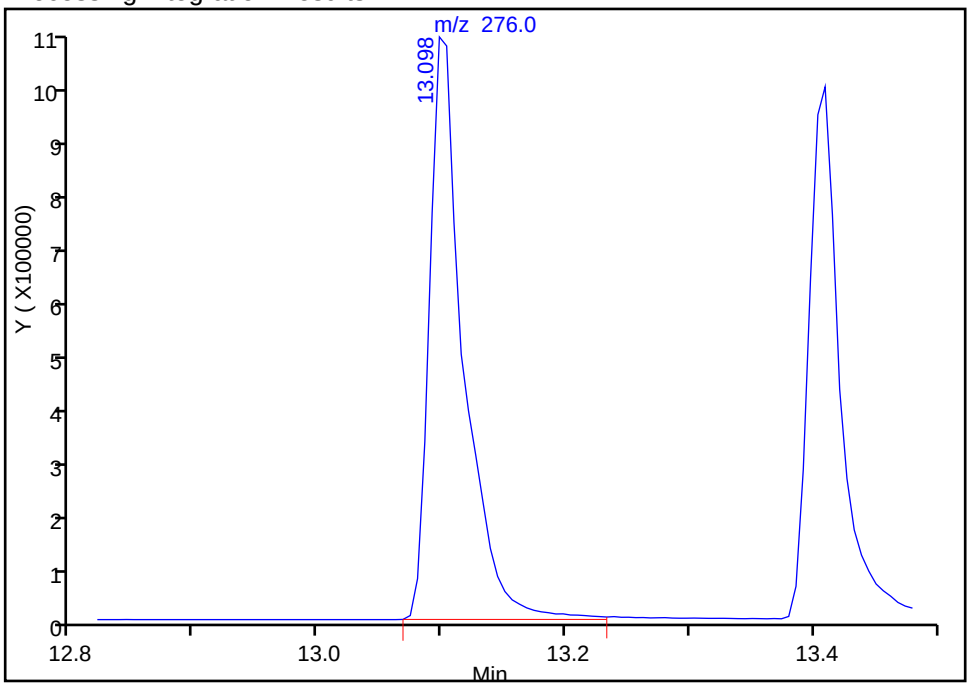
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130919-4813.b\112699.D		
Injection Date:	19-Sep-2013 15:05:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182161	Lims Sample ID:	7
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

104 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 13.10

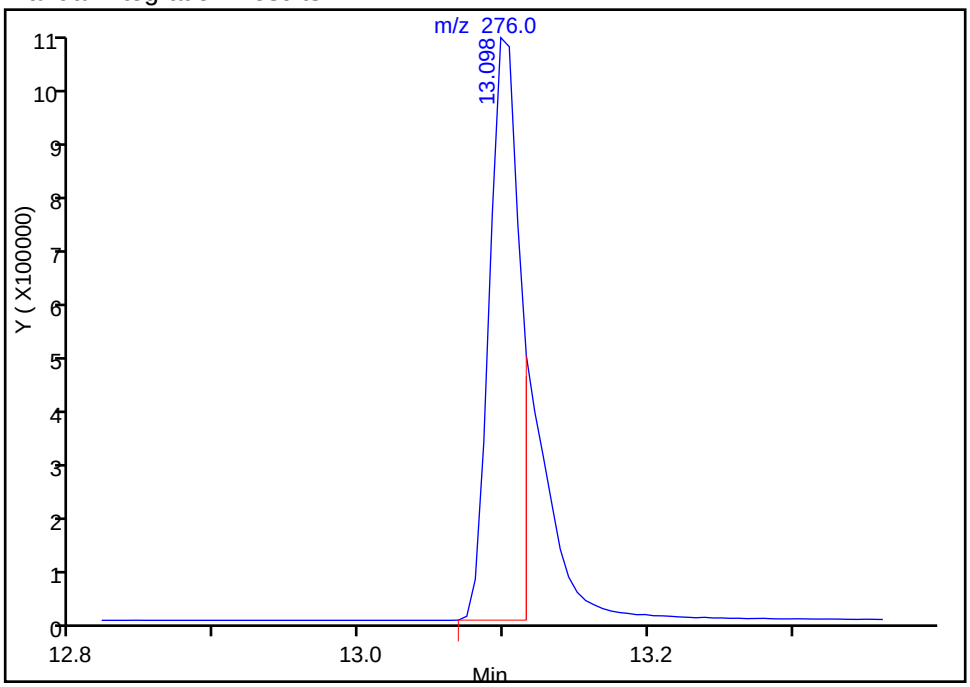
Processing Integration Results

RT: 13.10
Response: 1983613
Amount: 46.492552



Manual Integration Results

RT: 13.10
Response: 1526540
Amount: 35.779530



Reviewer: ranav, 20-Sep-2013 09:49:49
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181718/2-A

Matrix: Solid | Lab File ID: x5333.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2013 06:24

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.: 181988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2420		330	44
95-57-8	2-Chlorophenol	2480		330	44
95-48-7	2-Methylphenol	2440		330	56
106-44-5	4-Methylphenol	2590		330	65
100-52-7	Benzaldehyde	684		330	39
98-86-2	Acetophenone	2290		330	51
111-44-4	Bis(2-chloroethyl)ether	2370		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2360		330	37
621-64-7	N-Nitrosodi-n-propylamine	2710		33	5.5
98-95-3	Nitrobenzene	1930		33	4.7
67-72-1	Hexachloroethane	2320		33	3.7
78-59-1	Isophorone	2470		330	40
88-75-5	2-Nitrophenol	2480		330	37
105-67-9	2,4-Dimethylphenol	2290		330	82
120-83-2	2,4-Dichlorophenol	2400		330	48
111-91-1	Bis(2-chloroethoxy)methane	2480		330	43
91-20-3	Naphthalene	2360		330	38
106-47-8	4-Chloroaniline	1650		330	88
87-68-3	Hexachlorobutadiene	2420		67	8.1
105-60-2	Caprolactam	2280		330	76
59-50-7	4-Chloro-3-methylphenol	2580		330	50
91-57-6	2-Methylnaphthalene	2540		330	43
118-74-1	Hexachlorobenzene	2350		33	4.5
77-47-4	Hexachlorocyclopentadiene	2780		330	39
88-06-2	2,4,6-Trichlorophenol	2260		330	39
95-95-4	2,4,5-Trichlorophenol	2340		330	43
92-52-4	Diphenyl	2390		330	44
91-58-7	2-Chloronaphthalene	2320		330	37
88-74-4	2-Nitroaniline	2410		670	140
606-20-2	2,6-Dinitrotoluene	2470		67	10
131-11-3	Dimethyl phthalate	2490		330	39
208-96-8	Acenaphthylene	2410		330	39
99-09-2	3-Nitroaniline	2090		670	120
83-32-9	Acenaphthene	2420		330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181718/2-A

Matrix: Solid | Lab File ID: x5333.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2013 06:24

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.: 181988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4350		1000	210
51-28-5	2,4-Dinitrophenol	802	J	1000	190
132-64-9	Dibenzofuran	2380		330	39
84-66-2	Diethyl phthalate	2400		330	39
86-73-7	Fluorene	2430		330	42
206-44-0	Fluoranthene	2500		330	44
84-74-2	Di-n-butyl phthalate	2530		330	41
121-14-2	2,4-Dinitrotoluene	2430		67	11
7005-72-3	4-Chlorophenyl phenyl ether	2400		330	39
100-01-6	4-Nitroaniline	2130		670	100
534-52-1	4,6-Dinitro-2-methylphenol	1750		1000	90
101-55-3	4-Bromophenyl phenyl ether	2390		330	33
1912-24-9	Atrazine	2070		330	51
120-12-7	Anthracene	2360		330	40
86-74-8	Carbazole	2630		330	39
85-01-8	Phenanthrene	2410		330	42
87-86-5	Pentachlorophenol	3590		1000	99
129-00-0	Pyrene	2070		330	28
218-01-9	Chrysene	2350		330	39
207-08-9	Benzo[k]fluoranthene	2510		33	2.5
191-24-2	Benzo[g,h,i]perylene	2610		330	25
205-99-2	Benzo[b]fluoranthene	2280		33	2.1
50-32-8	Benzo[a]pyrene	2510		33	2.3
56-55-3	Benzo[a]anthracene	2300		33	2.3
86-30-6	N-Nitrosodiphenylamine	2600		330	33
85-68-7	Butyl benzyl phthalate	2470		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	2540		330	110
117-84-0	Di-n-octyl phthalate	2390		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	2510		33	6.2
53-70-3	Dibenz(a,h)anthracene	2550		33	4.2
91-94-1	3,3'-Dichlorobenzidine	2140		670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2310		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	2280		330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181718/2-A

Matrix: Solid | Lab File ID: x5333.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2013 06:24

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.: 181988 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	62		10-120
4165-62-2	Phenol-d5	66		41-118
367-12-4	2-Fluorophenol	59		37-125
4165-60-0	Nitrobenzene-d5	65		38-105
321-60-8	2-Fluorobiphenyl	65		40-109
1718-51-0	Terphenyl-d14	60		16-151

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13.b/x5333.d
Report Date: 18-Sep-2013 06:49

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-10-13/18sep13.b/x5333.d
Lab Smp Id: LCS 460-181718/2-A
Inj Date : 18-SEP-2013 06:24
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : LCS 460-181718/2-A
Misc Info :
Comment :
Method : /chem/BNAMS5.i/8270/09-10-13/18sep13.b/8270C_11.m
Meth Date : 18-Sep-2013 05:48 asfawa Quant Type: ISTD
Cal Date : 10-SEP-2013 18:50 Cal File: x5049.d
Als bottle: 4 QC Sample: LCS
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	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	1.076	1.011	(0.314)	110477	17.8565	1200
19	N-Nitrosodimethylamine	74	1.258	1.211	(0.367)	289468	33.1296	2200
71	Pyridine	79	1.276	1.223	(0.372)	377220	25.8679	1700
$ 16	2-Fluorophenol (SUR)	112	2.235	2.217	(0.652)	802289	58.8900	3900
110	Benzaldehyde	77	2.988	2.982	(0.871)	66182	10.2610	680
$ 17	Phenol-d5 (SUR)	99	3.117	3.123	(0.909)	1021789	65.7699	4400
1	Phenol	94	3.129	3.135	(0.912)	632725	36.3046	2400
73	Aniline	93	3.105	3.105	(0.906)	442867	23.5095	1600
20	bis(2-Chloroethyl)ether	93	3.182	3.188	(0.928)	512049	35.5204	2400
2	2-Chlorophenol	128	3.223	3.229	(0.940)	538251	37.1678	2500
113	n-decane	43	3.299	3.300	(0.962)	345860	28.6951	1900
21	1,3-Dichlorobenzene	146	3.370	3.376	(0.983)	562781	33.5213	2200
* 79	1,4-Dichlorobenzene-d4	152	3.429	3.435	(1.000)	412994	40.0000	

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13.b/x5333.d
Report Date: 18-Sep-2013 06:49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	3.446	3.452	(1.005)	549499	33.2686	2200
	74 Benzyl Alcohol	108	3.599	3.605	(1.050)	303706	38.3910	2600
	23 1,2-Dichlorobenzene	146	3.599	3.605	(1.050)	514216	33.7191	2200
	3 2-Methylphenol	108	3.741	3.747	(1.091)	426513	36.6140	2400
	24 bis (2-chloroisopropyl) ether	45	3.735	3.741	(1.089)	486352	35.3356	2400
	4 4-Methylphenol	108	3.911	3.917	(1.141)	455505	38.9053	2600
	123 3 & 4 Methylphenol	108	3.911	3.917	(1.141)	459489	39.0026	2600
	104 Acetophenone	105	3.864	3.870	(1.127)	543756	34.3474	2300
	25 N-Nitroso-di-n-propylamine	70	3.882	3.894	(1.132)	356651	40.6307	2700
	26 Hexachloroethane	117	3.941	3.947	(1.149)	202287	34.7948	2300
$	76 Nitrobenzene-d5 (SUR)	82	4.011	4.017	(0.847)	460206	32.5815	2200
	27 Nitrobenzene	77	4.029	4.041	(0.851)	500887	28.9287	1900
	28 Isophorone	82	4.282	4.288	(0.904)	795220	36.9788	2500
	5 2-Nitrophenol	139	4.358	4.358	(0.920)	282038	37.1461	2500
	6 2,4-Dimethylphenol	122	4.446	4.452	(0.939)	402874	34.3855	2300
	29 bis(2-Chloroethoxy)methane	93	4.529	4.535	(0.957)	559894	37.1284	2500
	15 Benzoic Acid	122	4.582	4.623	(0.968)	76615	19.0480	1300
	7 2,4-Dichlorophenol	162	4.617	4.617	(0.975)	378955	36.0176	2400
	30 1,2,4-Trichlorobenzene	180	4.688	4.688	(0.990)	439296	34.6724	2300
*	80 Naphthalene-d8	136	4.735	4.735	(1.000)	1496452	40.0000	
	31 Naphthalene	128	4.752	4.758	(1.004)	1365758	35.4218	2400
	32 4-Chloroaniline	127	4.829	4.835	(1.020)	335521	24.7372	1600
	33 Hexachlorobutadiene	225	4.899	4.899	(1.035)	242803	36.2555	2400
	111 Caprolactam	113	5.205	5.229	(1.099)	87782	34.2472	2300
	8 4-Chloro-3-methylphenol	107	5.370	5.370	(1.134)	342248	38.7696	2600
	34 2-Methylnaphthalene	142	5.452	5.458	(1.152)	891986	38.1340	2500
	120 1-Methylnaphthalene	142	5.552	5.552	(1.173)	827078	34.2796	2300
	35 Hexachlorocyclopentadiene	237	5.623	5.629	(0.868)	209123	41.7561	2800
	129 1,2,4,5-Tetrachlorobenzene	216	5.629	5.629	(0.868)	386194	34.6012	2300(R)
	9 2,4,6-Trichlorophenol	196	5.758	5.758	(0.888)	231510	33.8347	2200
	10 2,4,5-Trichlorophenol	196	5.799	5.799	(0.895)	239818	35.0986	2300
$	77 2-Fluorobiphenyl (SUR)	172	5.835	5.841	(0.900)	809563	32.3824	2200
	102 Diphenyl	154	5.929	5.929	(0.915)	941311	35.8314	2400
	36 2-Chloronaphthalene	162	5.935	5.935	(0.916)	708272	34.7640	2300
	37 2-Nitroaniline	65	6.052	6.058	(0.934)	187940	36.1650	2400
	125 1,3-Dimethylnaphthalene	156	6.082	6.158	(0.938)	80	0.00452	0.30(a)
	38 Dimethylphthalate	163	6.264	6.258	(0.966)	697708	37.3347	2500
	40 2,6-Dinitrotoluene	165	6.305	6.311	(0.973)	172344	37.0419	2500
	39 Acenaphthylene	152	6.334	6.341	(0.977)	1144568	36.1791	2400
	41 3-Nitroaniline	138	6.464	6.470	(0.997)	133032	31.3065	2100
*	82 Acenaphthene-d10	164	6.482	6.482	(1.000)	684295	40.0000	
	42 Acenaphthene	154	6.511	6.511	(1.005)	677149	36.2272	2400
	11 2,4-Dinitrophenol	184	6.570	6.576	(1.014)	18583	12.0249	800(a)
	12 4-Nitrophenol	65	6.682	6.676	(1.031)	146190	65.3086	4400
	44 2,4-Dinitrotoluene	165	6.699	6.699	(1.034)	190187	36.3962	2400
	43 Dibenzofuran	168	6.682	6.682	(1.031)	940385	35.6326	2400
	130 2,3,4,6-Tetrachlorophenol	232	6.823	6.823	(1.053)	153751	34.1965	2300(R)

Data File: /chem/BNAMS5.i/8270/09-10-13/18sep13.b/x5333.d
Report Date: 18-Sep-2013 06:49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
45	Diethylphthalate	149	6.952	6.952	(1.073)	606069	35.9290	2400
46	4-Chlorophenyl-phenylether	204	7.034	7.035	(1.085)	364406	35.9865	2400
47	Fluorene	166	7.017	7.017	(1.083)	737862	36.4578	2400
48	4-Nitroaniline	138	7.064	7.064	(1.090)	96424	31.9344	2100
13	4,6-Dinitro-2-methylphenol	198	7.099	7.099	(0.896)	59111	26.3212	1800
49	N-Nitrosodiphenylamine	169	7.158	7.158	(0.903)	505747	38.9889	2600
75	1,2-Diphenylhydrazine	77	7.187	7.188	(0.907)	672341	38.9706	2600
$ 18	2,4,6-Tribromophenol (SUR)	330	7.258	7.252	(1.120)	196512	62.2446	4100
50	4-Bromophenyl-phenylether	248	7.505	7.505	(0.947)	199136	35.7993	2400
51	Hexachlorobenzene	284	7.558	7.558	(0.954)	210522	35.3036	2400
112	Atrazine	200	7.699	7.699	(0.972)	103184	31.1224	2100
14	Pentachlorophenol	266	7.758	7.758	(0.979)	147972	53.8838	3600
132	Pentachloronitrobenzene	237	7.758	7.770	(0.979)	4463	2.72371	180(a)
115	n-Octadecane	57	7.887	7.893	(0.996)	380365	36.8132	2400
* 83	Phenanthrene-d10	188	7.923	7.923	(1.000)	800065	40.0000	
52	Phenanthrene	178	7.940	7.946	(1.002)	828945	36.1660	2400
53	Anthracene	178	7.993	7.993	(1.009)	808293	35.4013	2400
54	Carbazole	167	8.164	8.164	(1.030)	677708	39.4075	2600
55	Di-n-butylphthalate	149	8.546	8.546	(1.079)	770895	37.9398	2500
56	Fluoranthene	202	9.093	9.093	(1.148)	682615	37.5346	2500
58	Benzidine	184	9.258	9.252	(1.169)	2901	1.36120	91(aR)
57	Pyrene	202	9.311	9.311	(0.886)	660501	31.0581	2100
$ 78	Terphenyl-d14	244	9.493	9.493	(0.903)	441679	29.9258	2000
59	Butylbenzylphthalate	149	9.993	9.993	(0.951)	258574	37.0022	2500
60	3,3'-Dichlorobenzidine	252	10.493	10.493	(0.998)	119263	32.1116	2100
61	Benzo(a)anthracene	228	10.499	10.499	(0.999)	502525	34.4581	2300
* 81	Chrysene-d12	240	10.511	10.511	(1.000)	477619	40.0000	
63	bis(2-Ethylhexyl)phthalate	149	10.599	10.599	(1.008)	347691	38.1460	2500
62	Chrysene	228	10.534	10.534	(1.002)	474489	35.1966	2300
64	Di-n-octylphthalate	149	11.334	11.334	(0.932)	494937	35.8366	2400
65	Benzo(b)fluoranthene	252	11.705	11.705	(0.963)	399121	34.1955	2300
66	Benzo(k)fluoranthene	252	11.734	11.734	(0.965)	480383	37.6365	2500
67	Benzo(a)pyrene	252	12.087	12.087	(0.994)	375293	37.6245	2500
* 84	Perylene-d12	264	12.158	12.158	(1.000)	415872	40.0000	
68	Indeno(1,2,3-cd)pyrene	276	13.475	13.481	(1.108)	316225	37.6341	2500
69	Dibenz(a,h)anthracene	278	13.510	13.511	(1.111)	358926	38.2490	2500
70	Benzo(g,h,i)perylene	276	13.799	13.799	(1.135)	380393	39.2175	2600

QC Flag Legend

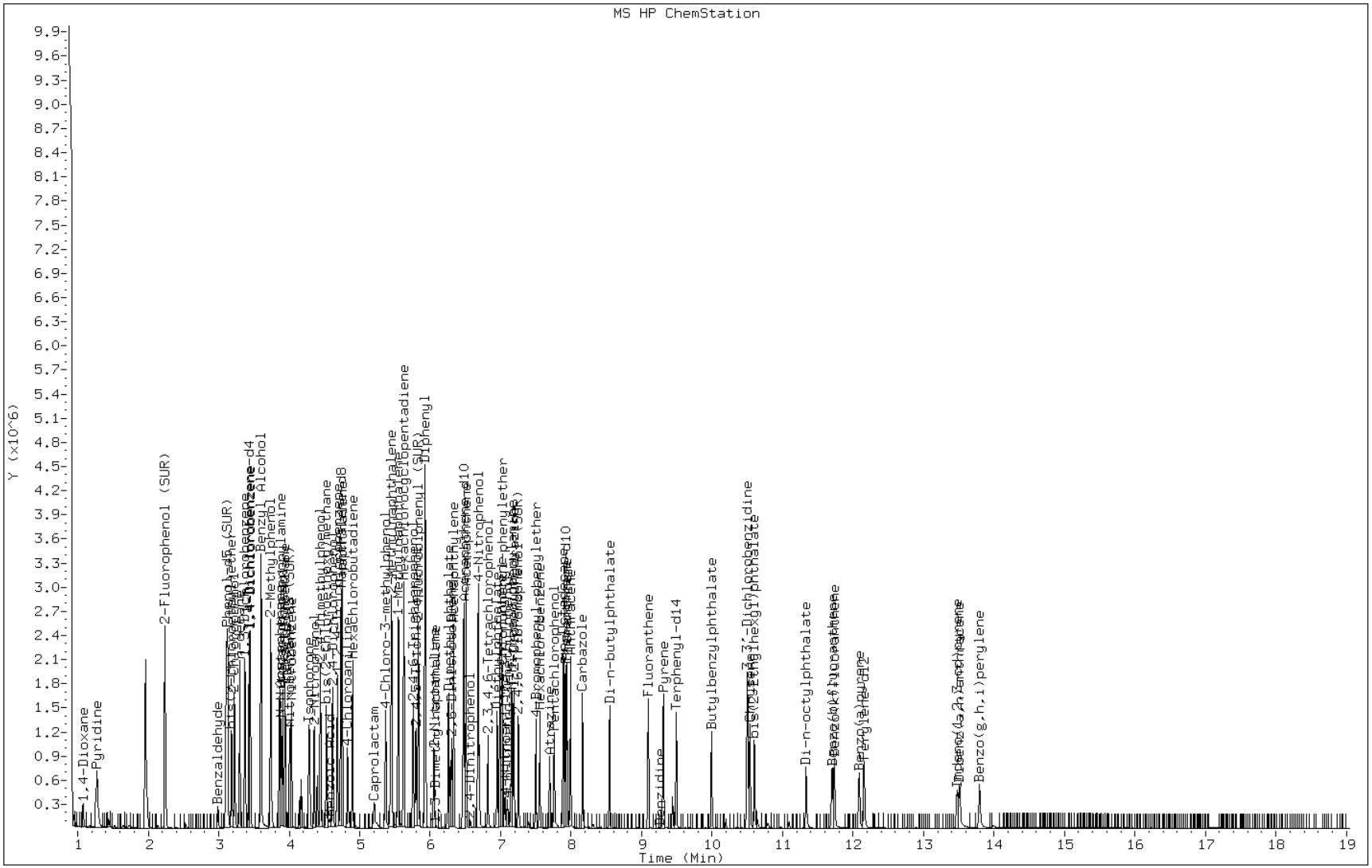
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: x5333.d

Date: 18-SEP-2013 06:24

Client ID: Instrument: BNAMS5.i

Sample Info: LCS 460-181718/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181730/2-A

Matrix: Water | Lab File ID: M69533.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/17/2013 09:45

Sample wt/vol: 250(mL) | Date Analyzed: 09/18/2013 18:28

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182022 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	37.1		10	0.60
95-57-8	2-Chlorophenol	62.0		10	0.93
95-48-7	2-Methylphenol	55.1		10	1.4
106-44-5	4-Methylphenol	52.5		10	1.0
100-52-7	Benzaldehyde	76.4		10	2.1
98-86-2	Acetophenone	61.2		10	0.89
111-44-4	Bis(2-chloroethyl)ether	57.2		1.0	0.30
108-60-1	2,2'-oxybis[1-chloropropane]	65.8		10	1.3
621-64-7	N-Nitrosodi-n-propylamine	64.2		1.0	0.27
98-95-3	Nitrobenzene	54.9		1.0	0.34
67-72-1	Hexachloroethane	57.0		1.0	0.15
78-59-1	Isophorone	56.9		10	1.3
88-75-5	2-Nitrophenol	59.4		10	0.68
105-67-9	2,4-Dimethylphenol	57.2		10	1.2
120-83-2	2,4-Dichlorophenol	57.8		10	1.1
111-91-1	Bis(2-chloroethoxy)methane	62.3		10	1.0
91-20-3	Naphthalene	60.7		10	2.0
106-47-8	4-Chloroaniline	58.3		1.0	0.32
87-68-3	Hexachlorobutadiene	55.3		2.0	0.68
105-60-2	Caprolactam	32.0		10	0.91
59-50-7	4-Chloro-3-methylphenol	59.5		10	1.1
91-57-6	2-Methylnaphthalene	61.7		10	1.5
118-74-1	Hexachlorobenzene	64.3		1.0	0.20
77-47-4	Hexachlorocyclopentadiene	50.9		10	1.5
88-06-2	2,4,6-Trichlorophenol	62.6		10	1.4
95-95-4	2,4,5-Trichlorophenol	61.5		10	2.2
92-52-4	Diphenyl	57.6		10	1.8
91-58-7	2-Chloronaphthalene	58.0		10	1.3
88-74-4	2-Nitroaniline	51.0		20	2.0
606-20-2	2,6-Dinitrotoluene	68.1		2.0	0.27
131-11-3	Dimethyl phthalate	62.1		10	1.1
208-96-8	Acenaphthylene	61.9		10	1.8
99-09-2	3-Nitroaniline	70.2		20	2.9
83-32-9	Acenaphthene	59.8		10	1.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181730/2-A

Matrix: Water | Lab File ID: M69533.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/17/2013 09:45

Sample wt/vol: 250(mL) | Date Analyzed: 09/18/2013 18:28

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182022 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	43.0		30	2.0
51-28-5	2,4-Dinitrophenol	68.5		30	2.0
132-64-9	Dibenzofuran	66.4		10	1.5
84-66-2	Diethyl phthalate	65.8		10	1.4
86-73-7	Fluorene	63.8		10	1.7
206-44-0	Fluoranthene	63.1		10	1.1
84-74-2	Di-n-butyl phthalate	60.6		10	1.0
121-14-2	2,4-Dinitrotoluene	65.6		2.0	0.28
7005-72-3	4-Chlorophenyl phenyl ether	63.8		10	1.5
100-01-6	4-Nitroaniline	74.6		20	2.9
534-52-1	4,6-Dinitro-2-methylphenol	67.6		30	3.0
101-55-3	4-Bromophenyl phenyl ether	62.5		10	1.1
1912-24-9	Atrazine	53.9		10	1.0
120-12-7	Anthracene	61.5		10	0.85
86-74-8	Carbazole	62.0		10	1.2
85-01-8	Phenanthrene	62.1		10	1.2
87-86-5	Pentachlorophenol	64.3		30	2.7
129-00-0	Pyrene	60.9		10	1.1
218-01-9	Chrysene	59.3		10	1.4
207-08-9	Benzo[k]fluoranthene	66.1		1.0	0.14
191-24-2	Benzo[g,h,i]perylene	54.9		10	0.93
205-99-2	Benzo[b]fluoranthene	65.0		1.0	0.21
50-32-8	Benzo[a]pyrene	61.3		1.0	0.14
56-55-3	Benzo[a]anthracene	60.1		1.0	0.18
86-30-6	N-Nitrosodiphenylamine	63.1		10	1.0
85-68-7	Butyl benzyl phthalate	59.5		10	1.4
117-81-7	Bis(2-ethylhexyl) phthalate	58.8		10	0.81
117-84-0	Di-n-octyl phthalate	65.6		10	0.88
193-39-5	Indeno[1,2,3-cd]pyrene	58.1		1.0	0.11
53-70-3	Dibenz(a,h)anthracene	59.6		1.0	0.16
91-94-1	3,3'-Dichlorobenzidine	60.6		20	3.2
95-94-3	1,2,4,5-Tetrachlorobenzene	55.8		10	1.8
58-90-2	2,3,4,6-Tetrachlorophenol	64.2		10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181730/2-A

Matrix: Water | Lab File ID: M69533.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/17/2013 09:45

Sample wt/vol: 250(mL) | Date Analyzed: 09/18/2013 18:28

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182022 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	86		51-126
4165-62-2	Phenol-d5	42		4-86
367-12-4	2-Fluorophenol	52		15-96
4165-60-0	Nitrobenzene-d5	70		60-114
321-60-8	2-Fluorobiphenyl	70		50-120
1718-51-0	Terphenyl-d14	72		72-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS6\20130918-4779.b\M69533.D
Lims ID: LCS 460-181730/2-A
Client ID:
Inject. Date: 18-Sep-2013 18:28:30
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 460-0004779-007
Misc. Info.: LCS 460-181730/2-A
Operator:
Instrument ID: CBNAMS6
Injection Vol: 5.0 ul
ALS Bottle#: 7
Lims Batch ID: 182022
Lims Sample ID: 7
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CBNAMS6\20130918-4779.b\8270LVI_6.m
Last Update: 20-Sep-2013 13:48:19
Calib Date: 31-Aug-2013 13:07:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS6\20130831-4188.b\M68901.D
Limit Group: SV 8270 ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: Rtxi-5Sil MS
Column Dia: 0.25 mm
Process Host: XAWRK013

First Level Reviewer: ranav
Date: 20-Sep-2013 13:48:19

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
1 1,4-Dioxane	88	1.399	1.331	0.068	93	197146	4.96	
2 N-Nitrosodimethylamine	74	1.578	1.525	0.053	63	342858	6.30	
3 Pyridine	79	1.601	1.555	0.046	80	408892	5.18	
$ 4 2-Fluorophenol	112	2.570	2.561	0.009	87	406358	5.23	
5 Benzaldehyde	77	3.343	3.341	0.002	81	455944	9.55	
8 Aniline	93	3.462	3.461	0.001	81	575989	5.90	
$ 6 Phenol-d5	99	3.462	3.469	-0.007	77	397737	4.22	
7 Phenol	94	3.470	3.484	-0.014	80	449332	4.63	
9 Bis(2-chloroethyl)ether	93	3.537	3.536	0.001	86	566203	7.15	
10 2-Chlorophenol	128	3.582	3.589	-0.007	86	566010	7.75	
11 n-Decane	43	3.650	3.649	0.001	86	634083	6.63	
12 1,3-Dichlorobenzene	146	3.731	3.732	-0.001	78	590137	7.20	
* 13 1,4-Dichlorobenzene-d4	152	3.792	3.791	0.001	93	450155	8.00	
14 1,4-Dichlorobenzene	146	3.806	3.806	0.0	84	611130	7.47	
15 Benzyl alcohol	108	3.955	3.955	0.0	83	362863	8.10	
16 1,2-Dichlorobenzene	146	3.963	3.963	-0.001	86	582108	7.41	
18 2,2'-oxybis[1-chloropropane]	45	4.088	4.083	0.005	76	989025	8.22	
17 2-Methylphenol	108	4.088	4.090	-0.002	70	468837	6.89	
19 Acetophenone	105	4.216	4.216	0.0	88	844368	7.65	
20 N-Nitrosodi-n-propylamine	70	4.231	4.231	0.0	91	556999	8.02	
21 4-Methylphenol	108	4.246	4.254	-0.008	90	447919	6.57	
22 3 & 4 Methylphenol	108	4.246	4.254	-0.008	0	452951	6.42	
24 Hexachloroethane	117	4.298	4.299	-0.001	86	324510	7.13	
$ 25 Nitrobenzene-d5	82	4.366	4.365	0.001	95	778915	7.03	
26 Nitrobenzene	77	4.381	4.387	-0.006	81	1059570	6.86	
27 n,n'-Dimethylaniline	120	4.389	4.395	-0.006	77	734440	7.22	
28 Isophorone	82	4.629	4.635	-0.006	93	1145237	7.11	
29 2-Nitrophenol	139	4.704	4.709	-0.005	71	348395	7.43	
30 2,4-Dimethylphenol	122	4.787	4.784	0.003	83	460205	7.15	
31 Bis(2-chloroethoxy)methane	93	4.870	4.866	0.004	90	675949	7.78	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
32 Benzoic acid	122	4.914	4.932	-0.018	85	124205	3.91	
33 2,4-Dichlorophenol	162	4.959	4.963	-0.004	86	473109	7.22	
34 1,2,4-Trichlorobenzene	180	5.035	5.038	-0.004	85	536468	6.87	
* 35 Naphthalene-d8	136	5.087	5.082	0.005	96	1517452	8.00	
36 Naphthalene	128	5.102	5.104	-0.002	96	1471940	7.59	
37 4-Chloroaniline	127	5.177	5.178	-0.001	88	562792	7.29	
38 Hexachlorobutadiene	225	5.245	5.245	0.0	83	340283	6.91	
39 Caprolactam	113	5.551	5.583	-0.032	81	64675	4.01	
40 4-Chloro-3-methylphenol	107	5.700	5.711	-0.011	81	511453	7.44	
41 2-Methylnaphthalene	142	5.805	5.809	-0.004	74	965879	7.71	
42 1-Methylnaphthalene	142	5.903	5.905	-0.002	79	903864	6.86	
43 Hexachlorocyclopentadiene	237	5.978	5.973	0.005	84	307514	6.37	
44 1,2,4,5-Tetrachlorobenzene	216	5.978	5.980	-0.002	90	540094	6.98	
46 2,4,6-Trichlorophenol	196	6.107	6.107	0.0	80	349400	7.82	
47 2,4,5-Trichlorophenol	196	6.144	6.152	-0.008	85	367226	7.69	
$ 48 2-Fluorobiphenyl	172	6.182	6.182	0.0	96	1020357	7.04	
49 1,1'-Biphenyl	154	6.279	6.281	-0.002	96	1098614	7.20	
50 2-Chloronaphthalene	162	6.286	6.288	-0.002	92	919931	7.25	
53 Phenyl ether	170	6.384	6.387	-0.003	84	660526	7.47	
54 2-Nitroaniline	65	6.407	6.409	-0.002	79	420431	6.38	
56 Dimethyl phthalate	163	6.601	6.604	-0.003	94	1077038	7.76	
58 2,6-Dinitrotoluene	165	6.654	6.657	-0.003	79	290532	8.51	
59 Acenaphthylene	152	6.689	6.694	-0.005	95	1412956	7.74	
60 3-Nitroaniline	138	6.817	6.821	-0.004	83	256432	8.78	
* 61 Acenaphthene-d10	164	6.840	6.835	0.005	87	849293	8.00	
62 Acenaphthene	154	6.870	6.873	-0.003	94	825766	7.47	
64 2,4-Dinitrophenol	184	6.915	6.926	-0.011	87	154314	8.57	
65 4-Nitrophenol	65	7.020	7.030	-0.010	88	153422	5.38	M
66 Dibenzofuran	168	7.041	7.044	-0.003	87	1355497	8.29	
67 2,4-Dinitrotoluene	165	7.048	7.051	-0.003	81	353363	8.21	
68 2,3,4,6-Tetrachlorophenol	232	7.175	7.179	-0.004	83	264173	8.02	
69 Diethyl phthalate	149	7.295	7.297	-0.002	95	1118716	8.23	
70 Fluorene	166	7.377	7.378	-0.001	76	1045760	7.98	
71 4-Chlorophenyl phenyl ether	204	7.385	7.386	-0.001	81	543596	7.97	
72 4-Nitroaniline	138	7.423	7.423	0.0	85	234548	9.32	
73 4,6-Dinitro-2-methylphenol	198	7.453	7.454	-0.001	73	214012	8.44	
74 N-Nitrosodiphenylamine	169	7.506	7.512	-0.006	62	744816	7.89	
75 1,2-Diphenylhydrazine	77	7.543	7.543	0.0	94	1269906	7.39	
$ 76 2,4,6-Tribromophenol	330	7.619	7.618	0.001	91	173418	8.61	
77 4-Bromophenyl phenyl ether	248	7.863	7.858	0.005	80	308432	7.81	
78 Hexachlorobenzene	284	7.921	7.926	-0.005	93	327103	8.04	
79 Atrazine	200	8.048	8.054	-0.006	84	219281	6.74	
121 Pentachlorophenol	266	8.123	8.122	0.001	84	203484	8.04	
82 n-Octadecane	57	8.228	8.225	0.003	93	741534	7.19	
* 83 Phenanthrene-d10	188	8.289	8.286	0.003	98	1306669	8.00	
84 Phenanthrene	178	8.312	8.315	-0.002	98	1331966	7.76	
85 Anthracene	178	8.364	8.359	0.005	97	1348883	7.69	
86 Carbazole	167	8.529	8.530	-0.001	98	1137311	7.75	
87 Di-n-butyl phthalate	149	8.893	8.896	-0.003	99	1642193	7.58	
88 Fluoranthene	202	9.469	9.466	0.003	98	1357521	7.88	
122 Benzidine	184	9.612	9.616	-0.004	98	81133	2.53	
90 Pyrene	202	9.687	9.684	0.003	98	1377498	7.61	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 91 Terphenyl-d14	244	9.852	9.855	-0.003	98	827680	7.21	
92 Butyl benzyl phthalate	149	10.350	10.349	0.001	97	655410	7.43	
94 3,3'-Dichlorobenzidine	252	10.903	10.906	-0.003	92	321931	7.57	
95 Benzo[a]anthracene	228	10.910	10.913	-0.003	98	1017027	7.51	
* 96 Chrysene-d12	240	10.924	10.927	-0.003	99	871991	8.00	
97 Chrysene	228	10.953	10.957	-0.004	96	914778	7.41	
98 Bis(2-ethylhexyl) phthalate	149	10.991	10.987	0.004	86	854335	7.35	
99 Di-n-octyl phthalate	149	11.768	11.772	-0.004	93	1313501	8.20	
100 Benzo[b]fluoranthene	252	12.191	12.200	-0.009	97	766891	8.13	
101 Benzo[k]fluoranthene	252	12.235	12.238	-0.003	98	799330	8.27	
102 Benzo[a]pyrene	252	12.600	12.603	-0.003	96	655851	7.67	
* 103 Perylene-d12	264	12.683	12.678	0.005	99	693014	8.00	
104 Indeno[1,2,3-cd]pyrene	276	14.048	14.049	-0.001	92	593416	7.26	
105 Dibenz(a,h)anthracene	278	14.086	14.087	-0.001	97	624039	7.45	
106 Benzo[g,h,i]perylene	276	14.385	14.395	-0.010	91	595348	6.87	

QC Flag Legend

Review Flags
M - Manually Integrated

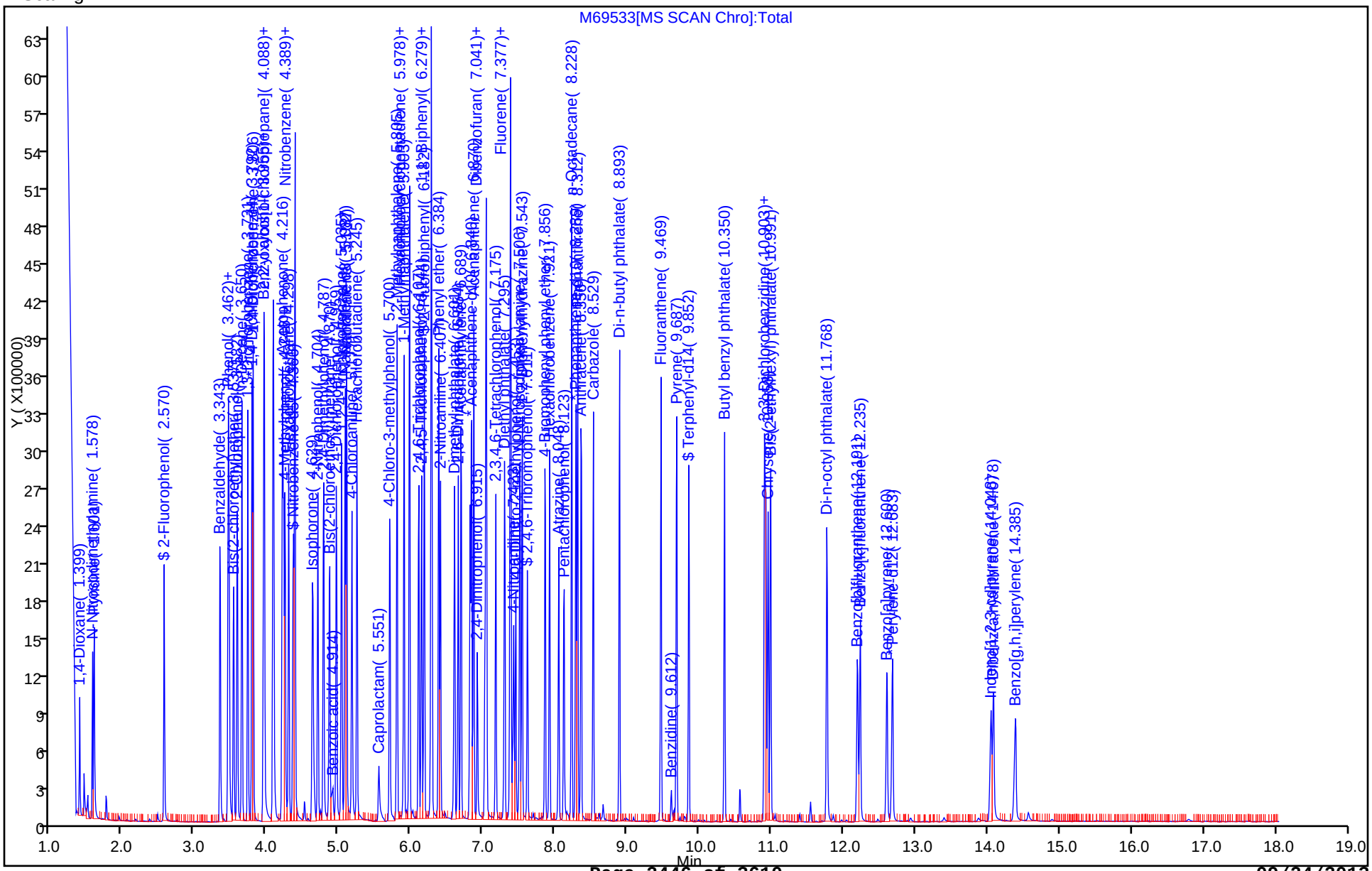
Report Date: 20-Sep-2013 13:48:19 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS6\20130918-4779.b\M69533.D

Injection Date:	18-Sep-2013 18:28:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	182022	Lims Sample ID:	7
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Y Scaling:



Manual Integration/User Assign Peak Report

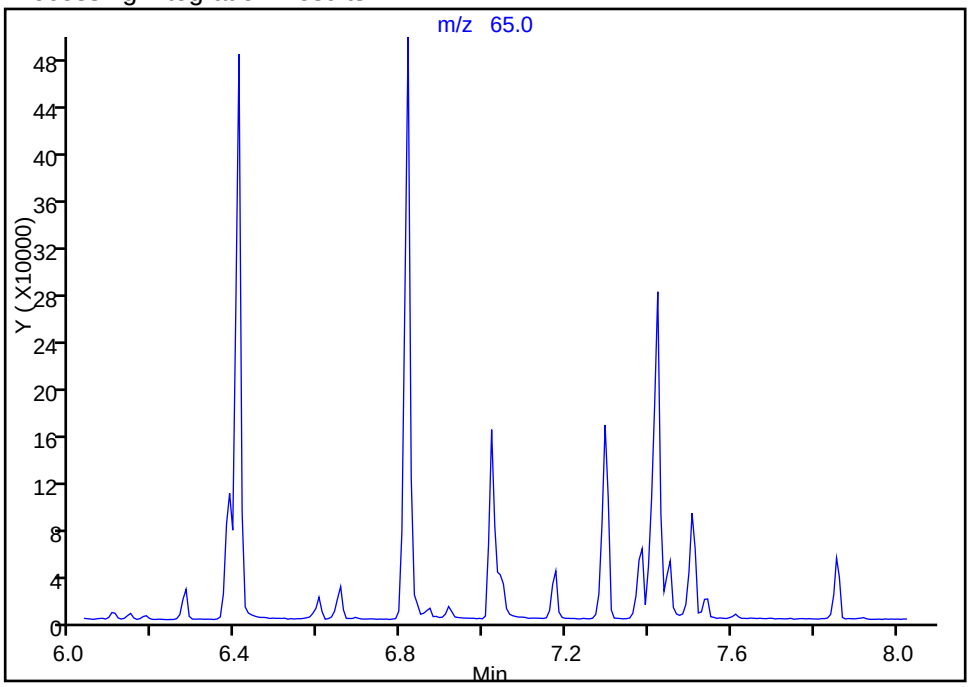
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS6\20130918-4779.b\M69533.D		
Injection Date:	18-Sep-2013 18:28:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	182022	Lims Sample ID:	7
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

65 4-Nitrophenol, Signal: 1, m/z: 65.0 Type: quant, RT: 7.03

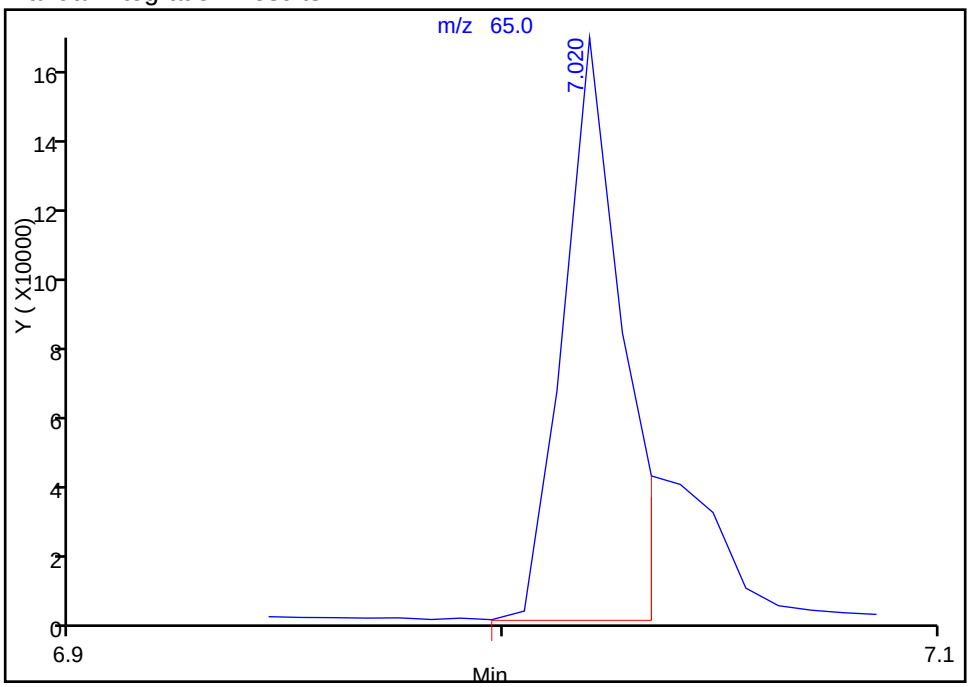
Not Detected
Expected RT: 7.03

Processing Integration Results



Manual Integration Results

RT: 7.02
Response: 153422
Amount: 5.379375



Reviewer: croccom, 19-Sep-2013 10:33:46
Audit Action: Manually Integrated
Audit Reason: Shouldering

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-182330/2-A

Matrix: Solid | Lab File ID: L112837.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/20/2013 08:59

Sample wt/vol: 15.00(g) | Date Analyzed: 09/23/2013 10:23

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.: 182639 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2530		330	44
95-57-8	2-Chlorophenol	2560		330	44
95-48-7	2-Methylphenol	2620		330	56
106-44-5	4-Methylphenol	2710		330	65
100-52-7	Benzaldehyde	608		330	39
98-86-2	Acetophenone	2520		330	51
111-44-4	Bis(2-chloroethyl)ether	2950		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2510		330	37
621-64-7	N-Nitrosodi-n-propylamine	2660		33	5.5
98-95-3	Nitrobenzene	1940		33	4.7
67-72-1	Hexachloroethane	2380		33	3.7
78-59-1	Isophorone	2760		330	40
88-75-5	2-Nitrophenol	2750		330	37
105-67-9	2,4-Dimethylphenol	2340		330	82
120-83-2	2,4-Dichlorophenol	2740		330	48
111-91-1	Bis(2-chloroethoxy)methane	2550		330	43
91-20-3	Naphthalene	2540		330	38
106-47-8	4-Chloroaniline	1540		330	88
87-68-3	Hexachlorobutadiene	2680		67	8.1
105-60-2	Caprolactam	2390		330	76
59-50-7	4-Chloro-3-methylphenol	2490		330	50
91-57-6	2-Methylnaphthalene	2640		330	43
118-74-1	Hexachlorobenzene	2730		33	4.5
77-47-4	Hexachlorocyclopentadiene	3180		330	39
88-06-2	2,4,6-Trichlorophenol	2530		330	39
95-95-4	2,4,5-Trichlorophenol	2560		330	43
92-52-4	Diphenyl	2580		330	44
91-58-7	2-Chloronaphthalene	2470		330	37
88-74-4	2-Nitroaniline	2470		670	140
606-20-2	2,6-Dinitrotoluene	2520		67	10
131-11-3	Dimethyl phthalate	2530		330	39
208-96-8	Acenaphthylene	2600		330	39
99-09-2	3-Nitroaniline	1810		670	120
83-32-9	Acenaphthene	2590		330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-182330/2-A

Matrix: Solid | Lab File ID: L112837.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/20/2013 08:59

Sample wt/vol: 15.00(g) | Date Analyzed: 09/23/2013 10:23

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.: 182639 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	3160		1000	210
51-28-5	2,4-Dinitrophenol	1340		1000	190
132-64-9	Dibenzofuran	2560		330	39
84-66-2	Diethyl phthalate	2530		330	39
86-73-7	Fluorene	2420		330	42
206-44-0	Fluoranthene	2520		330	44
84-74-2	Di-n-butyl phthalate	2600		330	41
121-14-2	2,4-Dinitrotoluene	2450		67	11
7005-72-3	4-Chlorophenyl phenyl ether	2500		330	39
100-01-6	4-Nitroaniline	1420		670	100
534-52-1	4,6-Dinitro-2-methylphenol	2300		1000	90
101-55-3	4-Bromophenyl phenyl ether	2710		330	33
1912-24-9	Atrazine	2660		330	51
120-12-7	Anthracene	2600		330	40
86-74-8	Carbazole	2590		330	39
85-01-8	Phenanthrene	2600		330	42
87-86-5	Pentachlorophenol	4160		1000	99
129-00-0	Pyrene	2700		330	28
218-01-9	Chrysene	2510		330	39
207-08-9	Benzo[k]fluoranthene	2830		33	2.5
191-24-2	Benzo[g,h,i]perylene	2960		330	25
205-99-2	Benzo[b]fluoranthene	2760		33	2.1
50-32-8	Benzo[a]pyrene	2940		33	2.3
56-55-3	Benzo[a]anthracene	2520		33	2.3
86-30-6	N-Nitrosodiphenylamine	2740		330	33
85-68-7	Butyl benzyl phthalate	2680		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	2670		330	110
117-84-0	Di-n-octyl phthalate	2890		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	3400		33	6.2
53-70-3	Dibenz(a,h)anthracene	2810		33	4.2
91-94-1	3,3'-Dichlorobenzidine	1590		670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2580		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	2490		330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-182330/2-A

Matrix: Solid | Lab File ID: L112837.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/20/2013 08:59

Sample wt/vol: 15.00(g) | Date Analyzed: 09/23/2013 10:23

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.: 182639 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	67		10-120
4165-62-2	Phenol-d5	73		41-118
367-12-4	2-Fluorophenol	79		37-125
4165-60-0	Nitrobenzene-d5	71		38-105
321-60-8	2-Fluorobiphenyl	72		40-109
1718-51-0	Terphenyl-d14	75		16-151

Report Date: 24-Sep-2013 13:48:18 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20130923-4915.b\L112837.D
Lims ID: LCS 460-182330/2-A Lab Sample ID:
Client ID:
Sample Type: LCS
Inject. Date: 23-Sep-2013 10:23:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0004915-004
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\EDICHROM\ChromData\CBNAMS12\20130923-4915.b\8270_12.m
Limit Group: SV 8270 ICAL
Last Update: 24-Sep-2013 13:47:48 Calib Date: 16-Sep-2013 20:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112644.D

Column 1 : Detector MS SCAN
Process Host: XAWRK022

First Level Reviewer: zhaoc Date: 23-Sep-2013 11:00:58

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
	1 1,4-Dioxane	88	0.758	0.729	0.029	94	137502	18.0	
	2 N-Nitrosodimethylamine	74	0.935	0.905	0.030	84	373007	38.4	
	3 Pyridine	79	0.953	0.923	0.030	93	482816	26.7	
$	4 2-Fluorophenol	112	1.894	1.882	0.012	95	1358937	78.7	
	5 Benzaldehyde	77	2.647	2.629	0.018	95	116144	9.11	
	8 Aniline	93	2.752	2.746	0.006	99	703448	25.6	
$	6 Phenol-d5	99	2.770	2.770	0.0	98	1709300	73.0	
	7 Phenol	94	2.782	2.782	0.0	97	941105	38.0	
	9 Bis(2-chloroethyl)ether	93	4.211	2.835	1.376	96	901248	44.3	
	10 2-Chlorophenol	128	2.864	2.864	0.0	95	879782	38.4	
	11 n-Decane	43	2.952	2.946	0.006	89	649895	30.6	
	12 1,3-Dichlorobenzene	146	3.011	3.005	0.006	95	989876	35.3	
*	13 1,4-Dichlorobenzene-d4	152	3.070	3.064	0.006	96	694721	40.0	
	14 1,4-Dichlorobenzene	146	3.088	3.088	0.0	94	1006648	35.5	
	16 1,2-Dichlorobenzene	146	3.241	3.241	0.0	95	979081	36.6	
	15 Benzyl alcohol	108	3.258	3.258	0.0	92	497262	39.0	
	18 2,2'-oxybis[1-chloropropane]	45	3.400	3.399	0.001	90	1004734	37.7	
	17 2-Methylphenol	108	3.405	3.405	0.0	83	730221	39.3	
	19 Acetophenone	105	3.523	3.517	0.006	92	1079996	37.8	
	20 N-Nitrosodi-n-propylamine	70	3.547	3.546	0.001	82	565754	39.9	
	21 4-Methylphenol	108	3.582	3.582	0.0	96	744050	40.6	
	24 Hexachloroethane	117	3.588	3.588	0.0	92	398040	35.7	
$	25 Nitrobenzene-d5	82	3.670	3.670	0.0	88	774132	35.6	
	26 Nitrobenzene	77	3.688	3.693	-0.005	94	839518	29.1	
	28 Isophorone	82	3.952	3.958	-0.006	99	1392724	41.4	
	29 2-Nitrophenol	139	4.029	4.029	0.0	95	481060	41.2	
	30 2,4-Dimethylphenol	122	4.129	4.129	0.0	91	658638	35.0	
	31 Bis(2-chloroethoxy)methane	93	4.211	4.211	0.0	99	901248	38.2	
	33 2,4-Dichlorophenol	162	4.294	4.299	-0.005	96	700199	41.2	
	32 Benzoic acid	122	4.288	4.323	-0.035	80	61799	16.1	
	34 1,2,4-Trichlorobenzene	180	4.358	4.358	0.0	90	843865	38.4	
*	35 Naphthalene-d8	136	4.399	4.393	0.006	99	2583731	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
36 Naphthalene	128	4.417	4.417	0.0	98	2529696	38.2	
37 4-Chloroaniline	127	4.517	4.511	0.006	97	580630	23.1	
38 Hexachlorobutadiene	225	4.570	4.570	0.0	94	527162	40.1	
39 Caprolactam	113	4.894	4.858	0.036	93	163609	35.8	
40 4-Chloro-3-methylphenol	107	5.070	5.058	0.012	94	617805	37.4	
41 2-Methylnaphthalene	142	5.129	5.129	0.0	81	1659791	39.6	
42 1-Methylnaphthalene	142	5.223	5.223	0.0	89	1520694	35.8	
43 Hexachlorocyclopentadiene	237	5.299	5.299	0.0	88	405499	47.8	
44 1,2,4,5-Tetrachlorobenzene	216	5.305	5.311	-0.006	96	811245	38.8	
46 2,4,6-Trichlorophenol	196	5.446	5.446	0.0	91	462812	37.9	
47 2,4,5-Trichlorophenol	196	5.493	5.487	0.006	98	498136	38.4	
$ 48 2-Fluorobiphenyl	172	5.517	5.517	0.0	97	1616182	35.8	
49 1,1'-Biphenyl	154	5.605	5.605	0.0	96	1897759	38.7	
50 2-Chloronaphthalene	162	5.611	5.611	0.0	94	1485859	37.1	
54 2-Nitroaniline	65	5.746	5.746	0.0	93	365308	37.0	
56 Dimethyl phthalate	163	5.952	5.952	0.0	99	1628007	37.9	
58 2,6-Dinitrotoluene	165	6.005	6.005	0.0	86	364643	37.8	
59 Acenaphthylene	152	6.011	6.011	0.0	97	2367536	39.0	
* 61 Acenaphthene-d10	164	6.152	6.152	0.0	95	1337240	40.0	
60 3-Nitroaniline	138	6.158	6.158	0.0	80	276234	27.1	
62 Acenaphthene	154	6.182	6.182	0.0	95	1400572	38.8	
64 2,4-Dinitrophenol	184	6.323	6.299	0.024	92	37310	20.0	
66 Dibenzofuran	168	6.358	6.358	0.0	91	2094603	38.4	
67 2,4-Dinitrotoluene	165	6.405	6.405	0.0	94	464673	36.8	
65 4-Nitrophenol	65	4.211	6.423	-2.212	22	183618	47.3	
68 2,3,4,6-Tetrachlorophenol	232	6.505	6.511	-0.006	95	370924	37.4	
69 Diethyl phthalate	149	6.646	6.646	0.0	98	1606756	37.9	
70 Fluorene	166	6.688	6.693	-0.005	84	1580580	36.3	
71 4-Chlorophenyl phenyl ether	204	6.717	6.717	0.0	87	793510	37.5	
72 4-Nitroaniline	138	6.758	6.758	0.0	86	198532	21.3	
73 4,6-Dinitro-2-methylphenol	198	6.811	6.811	0.0	90	187651	34.5	
74 N-Nitrosodiphenylamine	169	6.840	6.840	0.0	67	1096559	41.1	
$ 76 2,4,6-Tribromophenol	330	6.935	6.934	0.001	91	558609	66.5	
77 4-Bromophenyl phenyl ether	248	7.182	7.181	0.001	91	488919	40.7	
78 Hexachlorobenzene	284	7.229	7.234	-0.005	96	582574	41.0	
79 Atrazine	200	7.393	7.393	0.0	92	369588	39.9	
121 Pentachlorophenol	266	7.446	7.446	0.0	89	422177	62.5	
* 83 Phenanthrene-d10	188	7.593	7.593	0.0	98	1904622	40.0	
82 n-Octadecane	57	7.593	7.593	0.0	68	895335	43.3	
84 Phenanthrene	178	7.617	7.617	0.0	92	2097893	38.9	
85 Anthracene	178	7.664	7.664	0.0	97	2136513	38.9	
86 Carbazole	167	7.846	7.846	0.0	82	1859954	38.9	
87 Di-n-butyl phthalate	149	8.240	8.240	0.0	99	2407563	39.0	
88 Fluoranthene	202	8.764	8.764	0.0	98	2121773	37.8	
122 Benzidine	184	8.958	8.934	0.024	36	15132	0.6614	
90 Pyrene	202	8.970	8.975	-0.005	96	2104820	40.4	
$ 91 Terphenyl-d14	244	9.164	9.170	-0.006	99	1395520	37.3	
92 Butyl benzyl phthalate	149	9.670	9.675	-0.005	96	904938	40.2	
94 3,3'-Dichlorobenzidine	252	10.146	10.146	0.0	80	403081	23.8	
95 Benzo[a]anthracene	228	10.140	10.146	-0.006	100	1741303	37.8	
* 96 Chrysene-d12	240	10.152	10.152	0.0	99	1580790	40.0	
97 Chrysene	228	10.176	10.175	0.001	95	1679615	37.7	

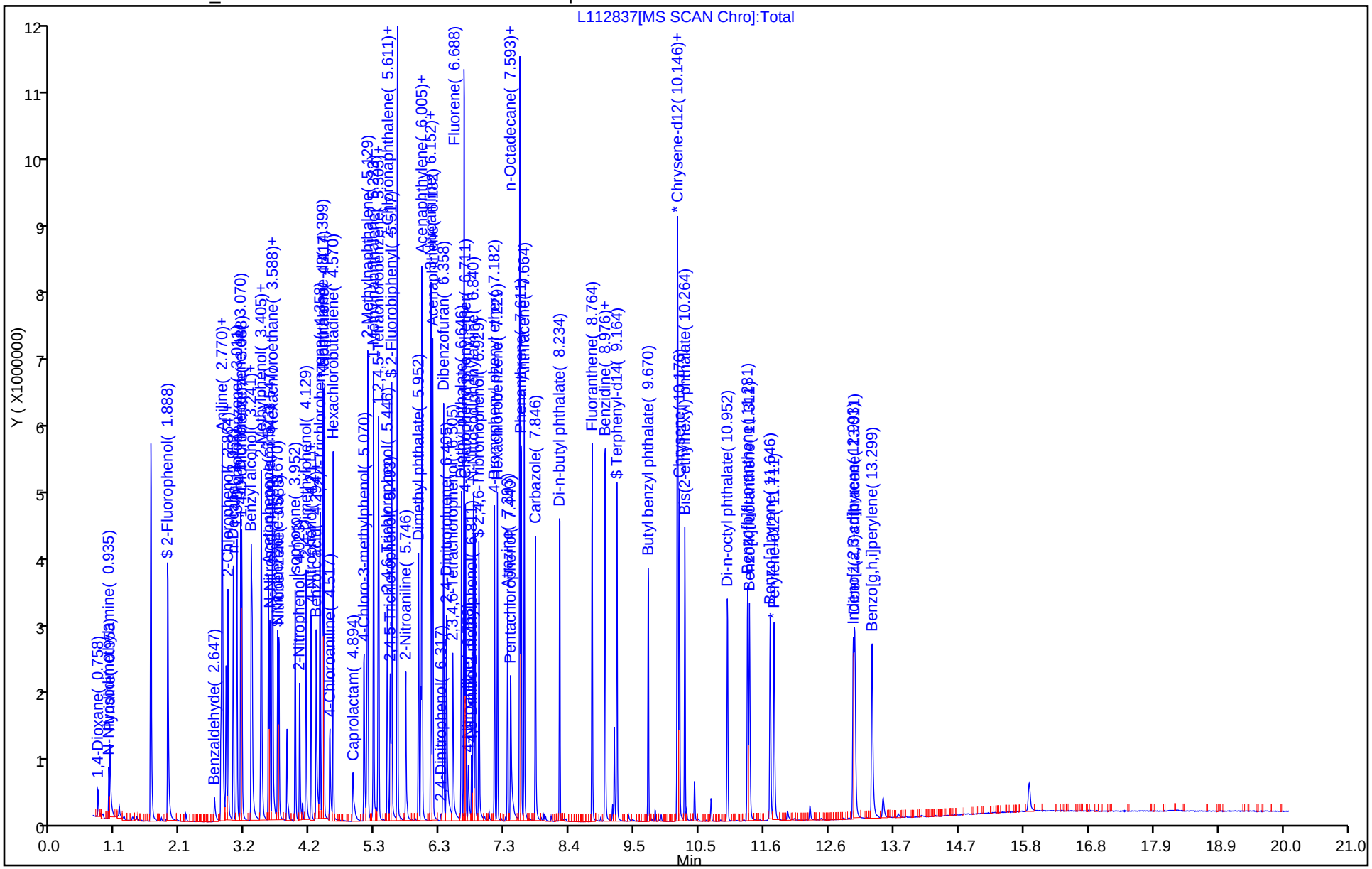
Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
98 Bis(2-ethylhexyl) phthalate	149	10.264	10.264	0.0	85	1273420	40.1	
99 Di-n-octyl phthalate	149	10.952	10.958	-0.006	95	1948461	43.4	
100 Benzo[b]fluoranthene	252	11.281	11.287	-0.006	96	1512492	41.4	
101 Benzo[k]fluoranthene	252	11.311	11.316	-0.005	99	1724481	42.4	
102 Benzo[a]pyrene	252	11.646	11.652	-0.006	96	1431466	44.0	
* 103 Perylene-d12	264	11.711	11.711	0.0	98	1392741	40.0	
104 Indeno[1,2,3-cd]pyrene	276	12.993	12.999	-0.006	99	1861602	51.0	
105 Dibenz(a,h)anthracene	278	13.017	13.022	-0.005	93	1545162	42.1	
106 Benzo[g,h,i]perylene	276	13.299	13.305	-0.006	96	1651090	44.4	

Report Date: 24-Sep-2013 13:48:18 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130923-4915.b\L112837.D

Injection Date:	23-Sep-2013 10:23:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	LCS 460-182330/2-A	Lab Sample ID:		Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_12	Limit Group:	SV 8270 ICAL		



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-181730/3-A

Matrix: Water | Lab File ID: M69606.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/17/2013 09:45

Sample wt/vol: 250(mL) | Date Analyzed: 09/20/2013 09:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182282 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	35.0		10	0.60
95-57-8	2-Chlorophenol	60.1		10	0.93
95-48-7	2-Methylphenol	53.9		10	1.4
106-44-5	4-Methylphenol	52.6		10	1.0
100-52-7	Benzaldehyde	69.1		10	2.1
98-86-2	Acetophenone	60.2		10	0.89
111-44-4	Bis(2-chloroethyl)ether	57.6		1.0	0.30
108-60-1	2,2'-oxybis[1-chloropropane]	59.3		10	1.3
621-64-7	N-Nitrosodi-n-propylamine	61.5		1.0	0.27
98-95-3	Nitrobenzene	52.3		1.0	0.34
67-72-1	Hexachloroethane	54.4		1.0	0.15
78-59-1	Isophorone	55.0		10	1.3
88-75-5	2-Nitrophenol	59.8		10	0.68
105-67-9	2,4-Dimethylphenol	54.3		10	1.2
120-83-2	2,4-Dichlorophenol	60.2		10	1.1
111-91-1	Bis(2-chloroethoxy)methane	59.9		10	1.0
91-20-3	Naphthalene	62.1		10	2.0
106-47-8	4-Chloroaniline	58.2		1.0	0.32
87-68-3	Hexachlorobutadiene	60.1		2.0	0.68
105-60-2	Caprolactam	33.7		10	0.91
59-50-7	4-Chloro-3-methylphenol	58.5		10	1.1
91-57-6	2-Methylnaphthalene	62.5		10	1.5
118-74-1	Hexachlorobenzene	76.3		1.0	0.20
77-47-4	Hexachlorocyclopentadiene	50.4		10	1.5
88-06-2	2,4,6-Trichlorophenol	67.9		10	1.4
95-95-4	2,4,5-Trichlorophenol	65.4		10	2.2
92-52-4	Diphenyl	60.8		10	1.8
91-58-7	2-Chloronaphthalene	59.9		10	1.3
88-74-4	2-Nitroaniline	50.4		20	2.0
606-20-2	2,6-Dinitrotoluene	64.1		2.0	0.27
131-11-3	Dimethyl phthalate	63.4		10	1.1
208-96-8	Acenaphthylene	62.2		10	1.8
99-09-2	3-Nitroaniline	70.5		20	2.9
83-32-9	Acenaphthene	61.4		10	1.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-181730/3-A

Matrix: Water | Lab File ID: M69606.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/17/2013 09:45

Sample wt/vol: 250(mL) | Date Analyzed: 09/20/2013 09:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182282 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	43.4		30	2.0
51-28-5	2,4-Dinitrophenol	71.2		30	2.0
132-64-9	Dibenzofuran	62.6		10	1.5
84-66-2	Diethyl phthalate	62.0		10	1.4
86-73-7	Fluorene	62.9		10	1.7
206-44-0	Fluoranthene	62.4		10	1.1
84-74-2	Di-n-butyl phthalate	59.5		10	1.0
121-14-2	2,4-Dinitrotoluene	64.5		2.0	0.28
7005-72-3	4-Chlorophenyl phenyl ether	65.8		10	1.5
100-01-6	4-Nitroaniline	68.5		20	2.9
534-52-1	4,6-Dinitro-2-methylphenol	73.1		30	3.0
101-55-3	4-Bromophenyl phenyl ether	69.8		10	1.1
1912-24-9	Atrazine	52.2		10	1.0
120-12-7	Anthracene	62.1		10	0.85
86-74-8	Carbazole	61.2		10	1.2
85-01-8	Phenanthrene	64.1		10	1.2
87-86-5	Pentachlorophenol	71.0		30	2.7
129-00-0	Pyrene	60.7		10	1.1
218-01-9	Chrysene	60.1		10	1.4
207-08-9	Benzo[k]fluoranthene	68.1		1.0	0.14
191-24-2	Benzo[g,h,i]perylene	63.2		10	0.93
205-99-2	Benzo[b]fluoranthene	63.2		1.0	0.21
50-32-8	Benzo[a]pyrene	64.3		1.0	0.14
56-55-3	Benzo[a]anthracene	62.2		1.0	0.18
86-30-6	N-Nitrosodiphenylamine	66.9		10	1.0
85-68-7	Butyl benzyl phthalate	57.8		10	1.4
117-81-7	Bis(2-ethylhexyl) phthalate	54.0		10	0.81
117-84-0	Di-n-octyl phthalate	60.7		10	0.88
193-39-5	Indeno[1,2,3-cd]pyrene	62.2		1.0	0.11
53-70-3	Dibenz(a,h)anthracene	68.2		1.0	0.16
91-94-1	3,3'-Dichlorobenzidine	63.4		20	3.2
95-94-3	1,2,4,5-Tetrachlorobenzene	60.4		10	1.8
58-90-2	2,3,4,6-Tetrachlorophenol	71.0		10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-181730/3-A

Matrix: Water Lab File ID: M69606.D

Analysis Method: 8270C Date Collected:

Extract. Method: 3510C Date Extracted: 09/17/2013 09:45

Sample wt/vol: 250(mL) Date Analyzed: 09/20/2013 09:08

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 5(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 182282 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	101		51-126
4165-62-2	Phenol-d5	40		4-86
367-12-4	2-Fluorophenol	51		15-96
4165-60-0	Nitrobenzene-d5	68		60-114
321-60-8	2-Fluorobiphenyl	76		50-120
1718-51-0	Terphenyl-d14	74		72-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS6\20130920-4828.b\M69606.D
Lims ID: LCSD 460-181730/3-A
Client ID:
Inject. Date: 20-Sep-2013 09:08:30
Dil. Factor: 1.0000
Sample Type: LCSD
Sample ID: 460-0004828-023
Misc. Info.:
Operator:
Instrument ID: CBNAMS6
Injection Vol: 5.0 ul
ALS Bottle#: 23
Lims Batch ID: 182282
Lims Sample ID: 23
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CBNAMS6\20130920-4828.b\8270LVI_6.m
Last Update: 20-Sep-2013 16:08:23
Calib Date: 31-Aug-2013 13:07:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS6\20130831-4188.b\M68901.D
Limit Group: SV 8270 ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: Rtxi-5Sil MS
Column Dia: 0.25 mm
Process Host: XAWRK008

First Level Reviewer: ranav
Date: 20-Sep-2013 13:47:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
1 1,4-Dioxane	88	1.416	1.377	0.039	94	220934	4.67	
2 N-Nitrosodimethylamine	74	1.594	1.564	0.030	64	392371	6.05	
3 Pyridine	79	1.609	1.586	0.023	79	488883	5.20	
$ 4 2-Fluorophenol	112	2.576	2.571	0.005	90	473459	5.11	
5 Benzaldehyde	77	3.343	3.343	0.0	82	500547	8.64	
8 Aniline	93	3.463	3.462	0.001	81	634818	5.46	
$ 6 Phenol-d5	99	3.463	3.470	-0.007	79	447050	3.98	
7 Phenol	94	3.470	3.485	-0.015	80	506315	4.38	
9 Bis(2-chloroethyl)ether	93	3.538	3.537	0.001	86	680206	7.20	
10 2-Chlorophenol	128	3.583	3.590	-0.007	88	654105	7.51	
11 n-Decane	43	3.651	3.650	0.001	87	668627	5.87	
12 1,3-Dichlorobenzene	146	3.732	3.731	0.001	78	696858	7.14	
* 13 1,4-Dichlorobenzene-d4	152	3.792	3.791	0.001	94	536432	8.00	
14 1,4-Dichlorobenzene	146	3.807	3.806	0.001	79	723582	7.42	
15 Benzyl alcohol	108	3.956	3.956	0.0	83	423484	7.94	
16 1,2-Dichlorobenzene	146	3.963	3.964	-0.001	79	674336	7.20	
18 2,2'-oxybis[1-chloropropane]	45	4.083	4.090	-0.007	76	1063261	7.41	
17 2-Methylphenol	108	4.083	4.090	-0.007	70	547022	6.74	
19 Acetophenone	105	4.216	4.218	-0.002	89	988903	7.52	
20 N-Nitrosodi-n-propylamine	70	4.231	4.233	-0.002	89	635784	7.68	
21 4-Methylphenol	108	4.253	4.255	-0.002	90	534241	6.57	
22 3 & 4 Methylphenol	108	4.253	4.255	-0.002	0	540660	6.43	
24 Hexachloroethane	117	4.298	4.301	-0.003	88	368705	6.80	
$ 25 Nitrobenzene-d5	82	4.366	4.368	-0.002	94	858517	6.80	
26 Nitrobenzene	77	4.388	4.391	-0.003	82	1151964	6.54	
27 n,n'-Dimethylaniline	120	4.388	4.391	-0.003	75	828181	6.83	
28 Isophorone	82	4.635	4.638	-0.003	93	1263530	6.88	
29 2-Nitrophenol	139	4.703	4.705	-0.002	74	399760	7.48	
30 2,4-Dimethylphenol	122	4.785	4.788	-0.003	82	497743	6.79	
31 Bis(2-chloroethoxy)methane	93	4.868	4.870	-0.002	90	741141	7.49	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
32 Benzoic acid	122	4.943	4.952	-0.009	82	197727	5.23	
33 2,4-Dichlorophenol	162	4.966	4.967	-0.001	90	561368	7.52	
34 1,2,4-Trichlorobenzene	180	5.034	5.035	-0.001	85	665933	7.48	
* 35 Naphthalene-d8	136	5.086	5.088	-0.002	97	1729212	8.00	
36 Naphthalene	128	5.102	5.103	-0.001	96	1716103	7.76	
37 4-Chloroaniline	127	5.177	5.178	-0.001	83	640173	7.28	
38 Hexachlorobutadiene	225	5.245	5.246	-0.001	83	421468	7.51	
39 Caprolactam	113	5.560	5.577	-0.017	83	77448	4.21	
40 4-Chloro-3-methylphenol	107	5.703	5.710	-0.007	85	573647	7.32	
41 2-Methylnaphthalene	142	5.801	5.808	-0.007	75	1114947	7.81	
42 1-Methylnaphthalene	142	5.898	5.906	-0.008	79	1034462	6.89	
43 Hexachlorocyclopentadiene	237	5.973	5.974	-0.001	78	352865	6.30	
44 1,2,4,5-Tetrachlorobenzene	216	5.981	5.982	-0.001	92	677229	7.54	
46 2,4,6-Trichlorophenol	196	6.102	6.110	-0.008	80	439895	8.49	
47 2,4,5-Trichlorophenol	196	6.147	6.148	-0.001	88	453403	8.18	
$ 48 2-Fluorobiphenyl	172	6.185	6.184	0.001	96	1283585	7.63	
49 1,1'-Biphenyl	154	6.274	6.275	-0.001	97	1345298	7.60	
50 2-Chloronaphthalene	162	6.289	6.290	-0.001	94	1102346	7.49	
53 Phenyl ether	170	6.386	6.380	0.006	80	795936	7.76	
54 2-Nitroaniline	65	6.408	6.411	-0.003	85	481579	6.30	
56 Dimethyl phthalate	163	6.603	6.607	-0.004	95	1275394	7.92	
58 2,6-Dinitrotoluene	165	6.655	6.660	-0.005	82	317304	8.01	
59 Acenaphthylene	152	6.693	6.698	-0.005	96	1646080	7.77	
60 3-Nitroaniline	138	6.819	6.818	0.001	83	298578	8.81	
* 61 Acenaphthene-d10	164	6.833	6.833	0.0	74	985246	8.00	
62 Acenaphthene	154	6.871	6.871	0.0	93	983426	7.67	
64 2,4-Dinitrophenol	184	6.916	6.923	-0.007	88	187731	8.90	
65 4-Nitrophenol	65	7.021	7.021	0.0	87	180071	5.43	
66 Dibenzofuran	168	7.037	7.043	-0.006	87	1484729	7.83	
67 2,4-Dinitrotoluene	165	7.044	7.050	-0.006	86	402526	8.06	
68 2,3,4,6-Tetrachlorophenol	232	7.177	7.179	-0.002	89	339041	8.87	
69 Diethyl phthalate	149	7.297	7.298	-0.001	96	1221893	7.75	
70 Fluorene	166	7.373	7.372	0.001	76	1196643	7.87	
71 4-Chlorophenyl phenyl ether	204	7.380	7.387	-0.007	78	650404	8.22	
72 4-Nitroaniline	138	7.426	7.425	0.001	77	249975	8.56	
73 4,6-Dinitro-2-methylphenol	198	7.456	7.455	0.001	70	245604	9.14	
74 N-Nitrosodiphenylamine	169	7.509	7.506	0.003	62	837346	8.36	
75 1,2-Diphenylhydrazine	77	7.539	7.536	0.003	95	1372445	7.53	
$ 76 2,4,6-Tribromophenol	330	7.613	7.619	-0.006	91	236270	10.1	
77 4-Bromophenyl phenyl ether	248	7.861	7.858	0.003	82	365131	8.72	
78 Hexachlorobenzene	284	7.920	7.926	-0.006	90	412062	9.54	
79 Atrazine	200	8.049	8.054	-0.005	86	225455	6.53	
121 Pentachlorophenol	266	8.117	8.122	-0.005	81	238389	8.88	
82 n-Octadecane	57	8.229	8.224	0.005	95	780359	7.13	
* 83 Phenanthrene-d10	188	8.289	8.284	0.005	97	1386233	8.00	
84 Phenanthrene	178	8.311	8.314	-0.003	97	1457799	8.01	
85 Anthracene	178	8.357	8.360	-0.003	87	1444075	7.76	
86 Carbazole	167	8.528	8.532	-0.004	98	1191391	7.65	
87 Di-n-butyl phthalate	149	8.886	8.893	-0.007	98	1711654	7.44	
88 Fluoranthene	202	9.463	9.469	-0.006	98	1424541	7.80	
122 Benzidine	184	9.612	9.612	0.0	86	77759	2.29	
90 Pyrene	202	9.680	9.687	-0.007	97	1416153	7.58	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 91 Terphenyl-d14	244	9.852	9.851	0.001	98	876315	7.40	
92 Butyl benzyl phthalate	149	10.345	10.352	-0.007	97	658022	7.23	
94 3,3'-Dichlorobenzidine	252	10.898	10.898	0.0	87	347762	7.92	
95 Benzo[a]anthracene	228	10.905	10.912	-0.007	88	1086227	7.78	
* 96 Chrysene-d12	240	10.926	10.926	0.0	97	900031	8.00	
97 Chrysene	228	10.955	10.955	0.0	96	956880	7.51	
98 Bis(2-ethylhexyl) phthalate	149	10.985	10.986	-0.001	87	810498	6.75	
99 Di-n-octyl phthalate	149	11.769	11.771	-0.002	96	1342015	7.58	
100 Benzo[b]fluoranthene	252	12.194	12.198	-0.004	87	823828	7.90	
101 Benzo[k]fluoranthene	252	12.232	12.228	0.004	84	908838	8.51	
102 Benzo[a]pyrene	252	12.604	12.601	0.003	88	759178	8.04	
* 103 Perylene-d12	264	12.679	12.675	0.004	99	765331	8.00	
104 Indeno[1,2,3-cd]pyrene	276	14.048	14.049	-0.001	95	710724	7.78	
105 Dibenz(a,h)anthracene	278	14.078	14.078	0.0	95	805335	8.52	
106 Benzo[g,h,i]perylene	276	14.384	14.385	-0.001	93	773357	7.91	

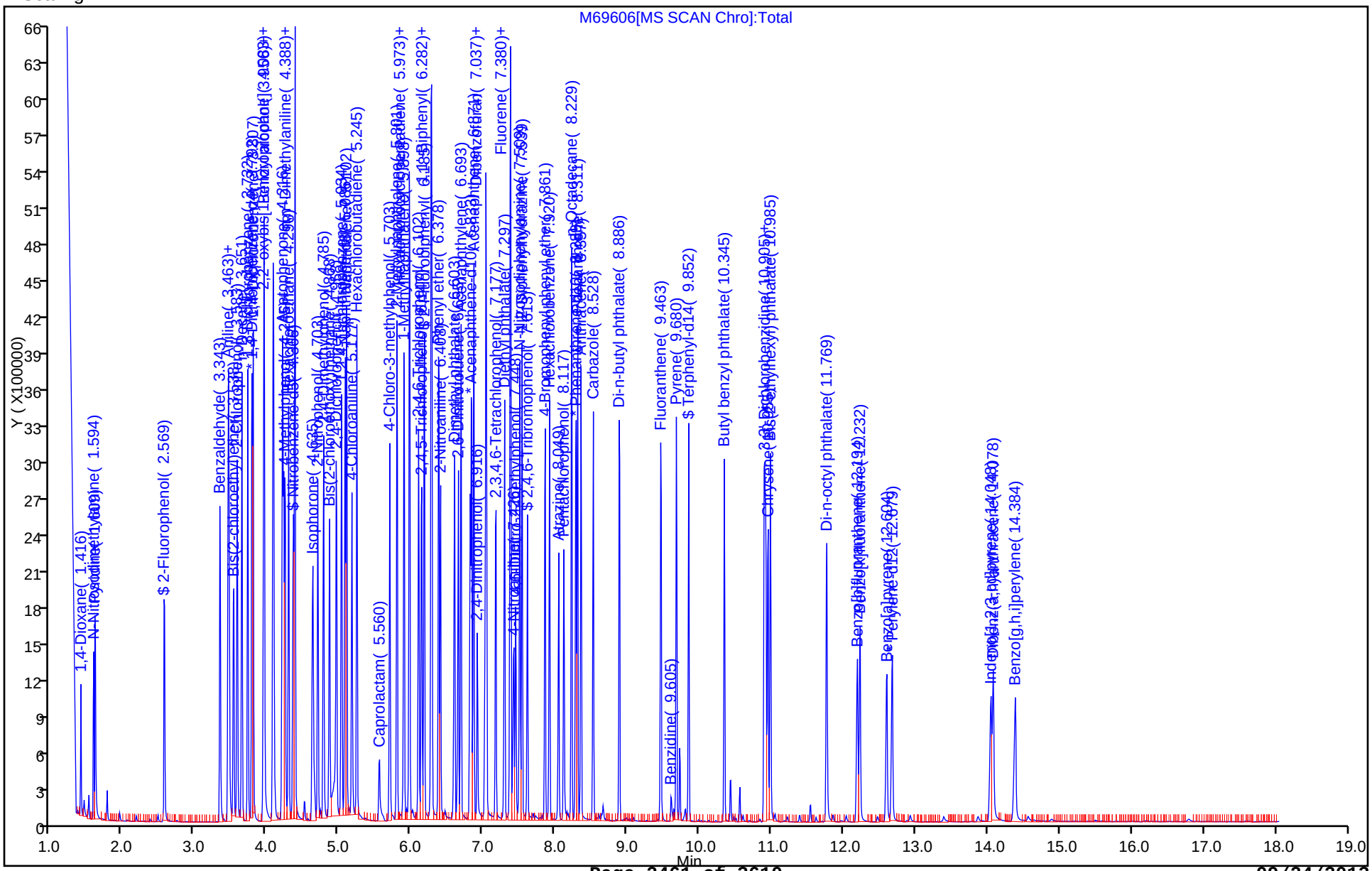
Report Date: 20-Sep-2013 16:09:31 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS6\20130920-4828.b\M69606.D

Injection Date:	20-Sep-2013 09:08:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	182282	Lims Sample ID:	23
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VD MS | Lab Sample ID: 460-62993-11 MS

Matrix: Solid | Lab File ID: 112701.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:30

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.04(g) | Date Analyzed: 09/19/2013 16:01

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.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3240		350	48
95-57-8	2-Chlorophenol	3130		350	47
95-48-7	2-Methylphenol	3240		350	61
106-44-5	4-Methylphenol	3350		350	70
100-52-7	Benzaldehyde	784		350	42
98-86-2	Acetophenone	2630		350	55
111-44-4	Bis(2-chloroethyl)ether	2820		35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	2970		350	39
621-64-7	N-Nitrosodi-n-propylamine	3260		35	5.9
98-95-3	Nitrobenzene	2300		35	5.0
67-72-1	Hexachloroethane	2710		35	4.0
78-59-1	Isophorone	3150		350	43
88-75-5	2-Nitrophenol	3200		350	40
105-67-9	2,4-Dimethylphenol	2970		350	88
120-83-2	2,4-Dichlorophenol	3370		350	52
111-91-1	Bis(2-chloroethoxy)methane	3070		350	46
91-20-3	Naphthalene	3010		350	41
106-47-8	4-Chloroaniline	1980		350	94
87-68-3	Hexachlorobutadiene	3110		72	8.7
105-60-2	Caprolactam	1640		350	82
59-50-7	4-Chloro-3-methylphenol	3170		350	54
91-57-6	2-Methylnaphthalene	3210		350	46
118-74-1	Hexachlorobenzene	3300		35	4.9
77-47-4	Hexachlorocyclopentadiene	3740		350	42
88-06-2	2,4,6-Trichlorophenol	3080		350	42
95-95-4	2,4,5-Trichlorophenol	3040		350	46
92-52-4	Diphenyl	3150		350	48
91-58-7	2-Chloronaphthalene	2980		350	40
88-74-4	2-Nitroaniline	3120		720	150
606-20-2	2,6-Dinitrotoluene	3150		72	11
131-11-3	Dimethyl phthalate	3050		350	42
208-96-8	Acenaphthylene	3150		350	42
99-09-2	3-Nitroaniline	2450		720	130
83-32-9	Acenaphthene	3080		350	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VD MS | Lab Sample ID: 460-62993-11 MS

Matrix: Solid | Lab File ID: 112701.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:30

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.04(g) | Date Analyzed: 09/19/2013 16:01

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.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5970		1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	3110		350	42
84-66-2	Diethyl phthalate	3020		350	42
86-73-7	Fluorene	2980		350	45
206-44-0	Fluoranthene	3010		350	47
84-74-2	Di-n-butyl phthalate	3100		350	44
121-14-2	2,4-Dinitrotoluene	3050		72	12
7005-72-3	4-Chlorophenyl phenyl ether	3110		350	42
100-01-6	4-Nitroaniline	1490		720	110
534-52-1	4,6-Dinitro-2-methylphenol	1140		1100	97
101-55-3	4-Bromophenyl phenyl ether	3300		350	35
1912-24-9	Atrazine	2390		350	55
120-12-7	Anthracene	3160		350	43
86-74-8	Carbazole	3060		350	42
85-01-8	Phenanthrene	3170		350	45
87-86-5	Pentachlorophenol	4200		1100	110
129-00-0	Pyrene	3440		350	30
218-01-9	Chrysene	3090		350	41
207-08-9	Benzo[k]fluoranthene	3440		35	2.7
191-24-2	Benzo[g,h,i]perylene	3160		350	26
205-99-2	Benzo[b]fluoranthene	3250		35	2.2
50-32-8	Benzo[a]pyrene	3460		35	2.5
56-55-3	Benzo[a]anthracene	3110		35	2.5
86-30-6	N-Nitrosodiphenylamine	3270		350	35
85-68-7	Butyl benzyl phthalate	3270		350	33
117-81-7	Bis(2-ethylhexyl) phthalate	3240		350	120
117-84-0	Di-n-octyl phthalate	3240		350	23
193-39-5	Indeno[1,2,3-cd]pyrene	2770		35	6.6
53-70-3	Dibenz(a,h)anthracene	3210		35	4.5
91-94-1	3,3'-Dichlorobenzidine	2100		720	120
95-94-3	1,2,4,5-Tetrachlorobenzene	3050		350	48
58-90-2	2,3,4,6-Tetrachlorophenol	2990		350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VD MS Lab Sample ID: 460-62993-11 MS

Matrix: Solid Lab File ID: 112701.D

Analysis Method: 8270C Date Collected: 09/13/2013 09:30

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.04(g) Date Analyzed: 09/19/2013 16:01

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.: 182161 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	74		10-120
4165-62-2	Phenol-d5	77		41-118
367-12-4	2-Fluorophenol	87		37-125
4165-60-0	Nitrobenzene-d5	75		38-105
321-60-8	2-Fluorobiphenyl	78		40-109
1718-51-0	Terphenyl-d14	85		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-VD MS | Lab Sample ID: 460-62993-30 MS

Matrix: Solid | Lab File ID: x5364.d

Analysis Method: 8270C | Date Collected: 09/13/2013 11:45

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.03(g) | Date Analyzed: 09/18/2013 20:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2950		340	46
95-57-8	2-Chlorophenol	3030		340	45
95-48-7	2-Methylphenol	3020		340	59
106-44-5	4-Methylphenol	3280		340	68
100-52-7	Benzaldehyde	1080		340	41
98-86-2	Acetophenone	2930		340	53
111-44-4	Bis(2-chloroethyl)ether	3020		34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	2950		340	38
621-64-7	N-Nitrosodi-n-propylamine	3460		34	5.7
98-95-3	Nitrobenzene	2500		34	4.9
67-72-1	Hexachloroethane	2840		34	3.8
78-59-1	Isophorone	3330		340	42
88-75-5	2-Nitrophenol	3130		340	38
105-67-9	2,4-Dimethylphenol	2980		340	85
120-83-2	2,4-Dichlorophenol	3040		340	50
111-91-1	Bis(2-chloroethoxy)methane	3210		340	44
91-20-3	Naphthalene	2910		340	40
106-47-8	4-Chloroaniline	2110		340	91
87-68-3	Hexachlorobutadiene	3050		70	8.4
105-60-2	Caprolactam	2110		340	79
59-50-7	4-Chloro-3-methylphenol	3420		340	52
91-57-6	2-Methylnaphthalene	3190		340	44
118-74-1	Hexachlorobenzene	3210		34	4.7
77-47-4	Hexachlorocyclopentadiene	3510		340	41
88-06-2	2,4,6-Trichlorophenol	2840		340	40
95-95-4	2,4,5-Trichlorophenol	2940		340	44
92-52-4	Diphenyl	2860		340	46
91-58-7	2-Chloronaphthalene	2790		340	38
88-74-4	2-Nitroaniline	3190		700	140
606-20-2	2,6-Dinitrotoluene	3120		70	10
131-11-3	Dimethyl phthalate	3200		340	41
208-96-8	Acenaphthylene	2950		340	41
99-09-2	3-Nitroaniline	2980		700	120
83-32-9	Acenaphthene	2980		340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-VD MS | Lab Sample ID: 460-62993-30 MS

Matrix: Solid | Lab File ID: x5364.d

Analysis Method: 8270C | Date Collected: 09/13/2013 11:45

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.03(g) | Date Analyzed: 09/18/2013 20:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6390		1000	220
51-28-5	2,4-Dinitrophenol	521	J	1000	200
132-64-9	Dibenzofuran	2890		340	40
84-66-2	Diethyl phthalate	3140		340	41
86-73-7	Fluorene	3020		340	44
206-44-0	Fluoranthene	3220		340	46
84-74-2	Di-n-butyl phthalate	3170		340	42
121-14-2	2,4-Dinitrotoluene	3210		70	11
7005-72-3	4-Chlorophenyl phenyl ether	3050		340	40
100-01-6	4-Nitroaniline	2960		700	110
534-52-1	4,6-Dinitro-2-methylphenol	1680		1000	94
101-55-3	4-Bromophenyl phenyl ether	3290		340	34
1912-24-9	Atrazine	2930		340	53
120-12-7	Anthracene	2940		340	42
86-74-8	Carbazole	3260		340	41
85-01-8	Phenanthrene	3000		340	44
87-86-5	Pentachlorophenol	4310		1000	100
129-00-0	Pyrene	2700		340	29
218-01-9	Chrysene	3020		340	40
207-08-9	Benzo[k]fluoranthene	2960		34	2.6
191-24-2	Benzo[g,h,i]perylene	3020		340	26
205-99-2	Benzo[b]fluoranthene	3060		34	2.2
50-32-8	Benzo[a]pyrene	3210		34	2.4
56-55-3	Benzo[a]anthracene	2880		34	2.4
86-30-6	N-Nitrosodiphenylamine	3650		340	34
85-68-7	Butyl benzyl phthalate	3050		340	32
117-81-7	Bis(2-ethylhexyl) phthalate	3100		340	110
117-84-0	Di-n-octyl phthalate	2980		340	22
193-39-5	Indeno[1,2,3-cd]pyrene	3210		34	6.4
53-70-3	Dibenz(a,h)anthracene	3050		34	4.3
91-94-1	3,3'-Dichlorobenzidine	2770		700	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2840		340	46
58-90-2	2,3,4,6-Tetrachlorophenol	2760		340	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-VD MS Lab Sample ID: 460-62993-30 MS

Matrix: Solid Lab File ID: x5364.d

Analysis Method: 8270C Date Collected: 09/13/2013 11:45

Extract. Method: 3541 Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.03(g) Date Analyzed: 09/18/2013 20:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	75		10-120
4165-62-2	Phenol-d5	77		41-118
367-12-4	2-Fluorophenol	66		37-125
4165-60-0	Nitrobenzene-d5	83		38-105
321-60-8	2-Fluorobiphenyl	77		40-109
1718-51-0	Terphenyl-d14	69		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-62433-A-7-A MS

Matrix: Solid | Lab File ID: z2493.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.04(g) | Date Analyzed: 09/23/2013 11:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182720 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3170		410	56
95-57-8	2-Chlorophenol	3190		410	54
95-48-7	2-Methylphenol	3140		410	71
106-44-5	4-Methylphenol	2970		410	81
100-52-7	Benzaldehyde	1890		410	49
98-86-2	Acetophenone	2900		410	64
111-44-4	Bis(2-chloroethyl)ether	3050		41	5.6
108-60-1	2,2'-oxybis[1-chloropropane]	3150		410	46
621-64-7	N-Nitrosodi-n-propylamine	3640		41	6.9
98-95-3	Nitrobenzene	2460		41	5.9
67-72-1	Hexachloroethane	2990		41	4.6
78-59-1	Isophorone	3590		410	50
88-75-5	2-Nitrophenol	3550		410	46
105-67-9	2,4-Dimethylphenol	3400		410	100
120-83-2	2,4-Dichlorophenol	3260		410	61
111-91-1	Bis(2-chloroethoxy)methane	3510		410	53
91-20-3	Naphthalene	3590		410	48
106-47-8	4-Chloroaniline	1360		410	110
87-68-3	Hexachlorobutadiene	3610		84	10
105-60-2	Caprolactam	3160		410	95
59-50-7	4-Chloro-3-methylphenol	3260		410	62
91-57-6	2-Methylnaphthalene	3730		410	53
118-74-1	Hexachlorobenzene	3770		41	5.7
77-47-4	Hexachlorocyclopentadiene	2920		410	49
88-06-2	2,4,6-Trichlorophenol	3650		410	48
95-95-4	2,4,5-Trichlorophenol	3240		410	53
92-52-4	Diphenyl	3770		410	55
91-58-7	2-Chloronaphthalene	3770		410	46
88-74-4	2-Nitroaniline	3010		840	170
606-20-2	2,6-Dinitrotoluene	4100		84	12
131-11-3	Dimethyl phthalate	4010		410	49
208-96-8	Acenaphthylene	3610		410	49
99-09-2	3-Nitroaniline	2740		840	150
83-32-9	Acenaphthene	3500		410	60

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-62433-A-7-A MS

Matrix: Solid | Lab File ID: z2493.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.04(g) | Date Analyzed: 09/23/2013 11:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182720 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6950		1300	270
51-28-5	2,4-Dinitrophenol	4840		1300	240
132-64-9	Dibenzofuran	3700		410	49
84-66-2	Diethyl phthalate	3820		410	49
86-73-7	Fluorene	3550		410	53
206-44-0	Fluoranthene	3760		410	55
84-74-2	Di-n-butyl phthalate	3870		410	51
121-14-2	2,4-Dinitrotoluene	3980		84	14
7005-72-3	4-Chlorophenyl phenyl ether	3490		410	49
100-01-6	4-Nitroaniline	3100		840	130
534-52-1	4,6-Dinitro-2-methylphenol	6860		1300	110
101-55-3	4-Bromophenyl phenyl ether	3810		410	41
1912-24-9	Atrazine	3250		410	64
120-12-7	Anthracene	3510		410	50
86-74-8	Carbazole	3820		410	49
85-01-8	Phenanthrene	3730		410	53
87-86-5	Pentachlorophenol	2370		1300	120
129-00-0	Pyrene	3090		410	35
218-01-9	Chrysene	3640		410	48
207-08-9	Benzo[k]fluoranthene	3970		41	3.1
191-24-2	Benzo[g,h,i]perylene	4780		410	31
205-99-2	Benzo[b]fluoranthene	3650		41	2.6
50-32-8	Benzo[a]pyrene	4110		41	2.9
56-55-3	Benzo[a]anthracene	3550		41	2.9
86-30-6	N-Nitrosodiphenylamine	3940		410	41
85-68-7	Butyl benzyl phthalate	3630		410	38
117-81-7	Bis(2-ethylhexyl) phthalate	3620		410	140
117-84-0	Di-n-octyl phthalate	2920		410	26
193-39-5	Indeno[1,2,3-cd]pyrene	4700		41	7.7
53-70-3	Dibenz(a,h)anthracene	4300		41	5.2
91-94-1	3,3'-Dichlorobenzidine	2550		840	150
95-94-3	1,2,4,5-Tetrachlorobenzene	3610		410	56
58-90-2	2,3,4,6-Tetrachlorophenol	3080		410	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-62433-A-7-A MS

Matrix: Solid Lab File ID: z2493.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3541 Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.04(g) Date Analyzed: 09/23/2013 11:51

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 20.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182720 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	73		10-120
4165-62-2	Phenol-d5	68		41-118
367-12-4	2-Fluorophenol	67		37-125
4165-60-0	Nitrobenzene-d5	71		38-105
321-60-8	2-Fluorobiphenyl	79		40-109
1718-51-0	Terphenyl-d14	67		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-63294-E-2-B MS

Matrix: Solid | Lab File ID: 112780.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/20/2013 08:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/21/2013 12:33

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182469 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3370		370	50
95-57-8	2-Chlorophenol	3330		370	49
95-48-7	2-Methylphenol	3460		370	64
106-44-5	4-Methylphenol	3630		370	74
100-52-7	Benzaldehyde	550		370	44
98-86-2	Acetophenone	3300		370	58
111-44-4	Bis(2-chloroethyl)ether	3040		37	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	3140		370	42
621-64-7	N-Nitrosodi-n-propylamine	3510		37	6.3
98-95-3	Nitrobenzene	2430		37	5.3
67-72-1	Hexachloroethane	2970		37	4.2
78-59-1	Isophorone	3580		370	46
88-75-5	2-Nitrophenol	3520		370	42
105-67-9	2,4-Dimethylphenol	3080		370	93
120-83-2	2,4-Dichlorophenol	3750		370	55
111-91-1	Bis(2-chloroethoxy)methane	3310		370	48
91-20-3	Naphthalene	3250		370	43
106-47-8	4-Chloroaniline	2610		370	99
87-68-3	Hexachlorobutadiene	3340		76	9.2
105-60-2	Caprolactam	2050		370	87
59-50-7	4-Chloro-3-methylphenol	3510		370	57
91-57-6	2-Methylnaphthalene	3440		370	48
118-74-1	Hexachlorobenzene	3620		37	5.1
77-47-4	Hexachlorocyclopentadiene	4180		370	44
88-06-2	2,4,6-Trichlorophenol	3380		370	44
95-95-4	2,4,5-Trichlorophenol	3210		370	48
92-52-4	Diphenyl	3310		370	50
91-58-7	2-Chloronaphthalene	3180		370	42
88-74-4	2-Nitroaniline	3420		760	160
606-20-2	2,6-Dinitrotoluene	3370		76	11
131-11-3	Dimethyl phthalate	3330		370	45
208-96-8	Acenaphthylene	3400		370	44
99-09-2	3-Nitroaniline	2630		760	130
83-32-9	Acenaphthene	3330		370	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-63294-E-2-B MS

Matrix: Solid | Lab File ID: 112780.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/20/2013 08:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/21/2013 12:33

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182469 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6620		1100	240
51-28-5	2,4-Dinitrophenol	1070	J	1100	210
132-64-9	Dibenzofuran	3360		370	44
84-66-2	Diethyl phthalate	3290		370	45
86-73-7	Fluorene	3190		370	48
206-44-0	Fluoranthene	3330		370	50
84-74-2	Di-n-butyl phthalate	3370		370	46
121-14-2	2,4-Dinitrotoluene	3400		76	12
7005-72-3	4-Chlorophenyl phenyl ether	3330		370	44
100-01-6	4-Nitroaniline	2000		760	120
534-52-1	4,6-Dinitro-2-methylphenol	1460		1100	100
101-55-3	4-Bromophenyl phenyl ether	3620		370	37
1912-24-9	Atrazine	3590		370	58
120-12-7	Anthracene	3520		370	46
86-74-8	Carbazole	3430		370	44
85-01-8	Phenanthrene	3510		370	48
87-86-5	Pentachlorophenol	4960		1100	110
129-00-0	Pyrene	3710		370	31
218-01-9	Chrysene	3330		370	44
207-08-9	Benzo[k]fluoranthene	3460		37	2.8
191-24-2	Benzo[g,h,i]perylene	3270		370	28
205-99-2	Benzo[b]fluoranthene	3710		37	2.4
50-32-8	Benzo[a]pyrene	3820		37	2.7
56-55-3	Benzo[a]anthracene	3410		37	2.6
86-30-6	N-Nitrosodiphenylamine	3690		370	37
85-68-7	Butyl benzyl phthalate	3540		370	34
117-81-7	Bis(2-ethylhexyl) phthalate	3340		370	120
117-84-0	Di-n-octyl phthalate	3410		370	24
193-39-5	Indeno[1,2,3-cd]pyrene	3990		37	7.0
53-70-3	Dibenz(a,h)anthracene	3320		37	4.7
91-94-1	3,3'-Dichlorobenzidine	2530		760	130
95-94-3	1,2,4,5-Tetrachlorobenzene	3280		370	51
58-90-2	2,3,4,6-Tetrachlorophenol	3300		370	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-63294-E-2-B MS

Matrix: Solid | Lab File ID: 112780.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/20/2013 08:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/21/2013 12:33

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182469 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	79		10-120
4165-62-2	Phenol-d5	85		41-118
367-12-4	2-Fluorophenol	92		37-125
4165-60-0	Nitrobenzene-d5	82		38-105
321-60-8	2-Fluorobiphenyl	82		40-109
1718-51-0	Terphenyl-d14	89		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VD MSD | Lab Sample ID: 460-62993-11 MSD

Matrix: Solid | Lab File ID: 112702.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:30

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 16:30

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.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2840		350	48
95-57-8	2-Chlorophenol	2760		350	47
95-48-7	2-Methylphenol	2830		350	61
106-44-5	4-Methylphenol	2960		350	70
100-52-7	Benzaldehyde	703		350	42
98-86-2	Acetophenone	2380		350	55
111-44-4	Bis(2-chloroethyl)ether	2700		35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	2730		350	39
621-64-7	N-Nitrosodi-n-propylamine	2850		35	5.9
98-95-3	Nitrobenzene	2120		35	5.1
67-72-1	Hexachloroethane	2580		35	4.0
78-59-1	Isophorone	2870		350	43
88-75-5	2-Nitrophenol	2920		350	40
105-67-9	2,4-Dimethylphenol	2700		350	88
120-83-2	2,4-Dichlorophenol	3090		350	52
111-91-1	Bis(2-chloroethoxy)methane	2800		350	46
91-20-3	Naphthalene	2810		350	41
106-47-8	4-Chloroaniline	1970		350	94
87-68-3	Hexachlorobutadiene	2980		72	8.7
105-60-2	Caprolactam	1530		350	82
59-50-7	4-Chloro-3-methylphenol	2860		350	54
91-57-6	2-Methylnaphthalene	2960		350	46
118-74-1	Hexachlorobenzene	2980		35	4.9
77-47-4	Hexachlorocyclopentadiene	3360		350	42
88-06-2	2,4,6-Trichlorophenol	2790		350	42
95-95-4	2,4,5-Trichlorophenol	2860		350	46
92-52-4	Diphenyl	2920		350	48
91-58-7	2-Chloronaphthalene	2780		350	40
88-74-4	2-Nitroaniline	2870		720	150
606-20-2	2,6-Dinitrotoluene	2950		72	11
131-11-3	Dimethyl phthalate	2890		350	42
208-96-8	Acenaphthylene	2920		350	42
99-09-2	3-Nitroaniline	2450		720	130
83-32-9	Acenaphthene	2880		350	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VD MSD | Lab Sample ID: 460-62993-11 MSD

Matrix: Solid | Lab File ID: 112702.D

Analysis Method: 8270C | Date Collected: 09/13/2013 09:30

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 16:30

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.: 182161 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5610		1100	230
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	2900		350	42
84-66-2	Diethyl phthalate	2900		350	42
86-73-7	Fluorene	2800		350	45
206-44-0	Fluoranthene	2970		350	47
84-74-2	Di-n-butyl phthalate	2950		350	44
121-14-2	2,4-Dinitrotoluene	2920		72	12
7005-72-3	4-Chlorophenyl phenyl ether	2880		350	42
100-01-6	4-Nitroaniline	1510		720	110
534-52-1	4,6-Dinitro-2-methylphenol	872	J	1100	97
101-55-3	4-Bromophenyl phenyl ether	2980		350	35
1912-24-9	Atrazine	2230		350	55
120-12-7	Anthracene	2920		350	43
86-74-8	Carbazole	2960		350	42
85-01-8	Phenanthrene	2960		350	45
87-86-5	Pentachlorophenol	4050		1100	110
129-00-0	Pyrene	2930		350	30
218-01-9	Chrysene	2810		350	42
207-08-9	Benzo[k]fluoranthene	3060		35	2.7
191-24-2	Benzo[g,h,i]perylene	2920		350	26
205-99-2	Benzo[b]fluoranthene	3000		35	2.2
50-32-8	Benzo[a]pyrene	3200		35	2.5
56-55-3	Benzo[a]anthracene	2860		35	2.5
86-30-6	N-Nitrosodiphenylamine	3030		350	35
85-68-7	Butyl benzyl phthalate	2920		350	33
117-81-7	Bis(2-ethylhexyl) phthalate	2900		350	120
117-84-0	Di-n-octyl phthalate	2890		350	23
193-39-5	Indeno[1,2,3-cd]pyrene	2850		35	6.6
53-70-3	Dibenz(a,h)anthracene	2920		35	4.5
91-94-1	3,3'-Dichlorobenzidine	2060		720	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2830		350	48
58-90-2	2,3,4,6-Tetrachlorophenol	2820		350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VD MSD Lab Sample ID: 460-62993-11 MSD

Matrix: Solid Lab File ID: 112702.D

Analysis Method: 8270C Date Collected: 09/13/2013 09:30

Extract. Method: 3541 Date Extracted: 09/17/2013 08:50

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 16:30

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.: 182161 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	69		10-120
4165-62-2	Phenol-d5	70		41-118
367-12-4	2-Fluorophenol	77		37-125
4165-60-0	Nitrobenzene-d5	68		38-105
321-60-8	2-Fluorobiphenyl	73		40-109
1718-51-0	Terphenyl-d14	72		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-VD MSD | Lab Sample ID: 460-62993-30 MSD

Matrix: Solid | Lab File ID: x5365.d

Analysis Method: 8270C | Date Collected: 09/13/2013 11:45

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/18/2013 21:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2830		340	46
95-57-8	2-Chlorophenol	2900		340	45
95-48-7	2-Methylphenol	2860		340	59
106-44-5	4-Methylphenol	3120		340	68
100-52-7	Benzaldehyde	1010		340	41
98-86-2	Acetophenone	2760		340	53
111-44-4	Bis(2-chloroethyl)ether	2850		34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	2830		340	38
621-64-7	N-Nitrosodi-n-propylamine	3240		34	5.8
98-95-3	Nitrobenzene	2270		34	4.9
67-72-1	Hexachloroethane	2660		34	3.8
78-59-1	Isophorone	3040		340	42
88-75-5	2-Nitrophenol	2870		340	38
105-67-9	2,4-Dimethylphenol	2800		340	85
120-83-2	2,4-Dichlorophenol	2900		340	50
111-91-1	Bis(2-chloroethoxy)methane	2960		340	44
91-20-3	Naphthalene	2750		340	40
106-47-8	4-Chloroaniline	2390		340	91
87-68-3	Hexachlorobutadiene	2840		70	8.4
105-60-2	Caprolactam	1950		340	79
59-50-7	4-Chloro-3-methylphenol	3170		340	52
91-57-6	2-Methylnaphthalene	3000		340	44
118-74-1	Hexachlorobenzene	2750		34	4.7
77-47-4	Hexachlorocyclopentadiene	3250		340	41
88-06-2	2,4,6-Trichlorophenol	2620		340	40
95-95-4	2,4,5-Trichlorophenol	2760		340	44
92-52-4	Diphenyl	2740		340	46
91-58-7	2-Chloronaphthalene	2680		340	38
88-74-4	2-Nitroaniline	2960		700	140
606-20-2	2,6-Dinitrotoluene	2990		70	10
131-11-3	Dimethyl phthalate	3050		340	41
208-96-8	Acenaphthylene	2860		340	41
99-09-2	3-Nitroaniline	3000		700	120
83-32-9	Acenaphthene	2870		340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-VD MSD | Lab Sample ID: 460-62993-30 MSD

Matrix: Solid | Lab File ID: x5365.d

Analysis Method: 8270C | Date Collected: 09/13/2013 11:45

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/18/2013 21:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5490		1000	220
51-28-5	2,4-Dinitrophenol	200	U	1000	200
132-64-9	Dibenzofuran	2840		340	40
84-66-2	Diethyl phthalate	2970		340	41
86-73-7	Fluorene	2910		340	44
206-44-0	Fluoranthene	3030		340	46
84-74-2	Di-n-butyl phthalate	2970		340	43
121-14-2	2,4-Dinitrotoluene	3100		70	11
7005-72-3	4-Chlorophenyl phenyl ether	2900		340	40
100-01-6	4-Nitroaniline	2760		700	110
534-52-1	4,6-Dinitro-2-methylphenol	664	J	1000	94
101-55-3	4-Bromophenyl phenyl ether	2780		340	34
1912-24-9	Atrazine	2530		340	53
120-12-7	Anthracene	2820		340	42
86-74-8	Carbazole	3130		340	41
85-01-8	Phenanthrene	2850		340	44
87-86-5	Pentachlorophenol	3120		1000	100
129-00-0	Pyrene	2590		340	29
218-01-9	Chrysene	2840		340	40
207-08-9	Benzo[k]fluoranthene	2750		34	2.6
191-24-2	Benzo[g,h,i]perylene	2870		340	26
205-99-2	Benzo[b]fluoranthene	2960		34	2.2
50-32-8	Benzo[a]pyrene	3090		34	2.4
56-55-3	Benzo[a]anthracene	2770		34	2.4
86-30-6	N-Nitrosodiphenylamine	3120		340	34
85-68-7	Butyl benzyl phthalate	2850		340	32
117-81-7	Bis(2-ethylhexyl) phthalate	2920		340	110
117-84-0	Di-n-octyl phthalate	2840		340	22
193-39-5	Indeno[1,2,3-cd]pyrene	3060		34	6.4
53-70-3	Dibenz(a,h)anthracene	2960		34	4.3
91-94-1	3,3'-Dichlorobenzidine	2780		700	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2670		340	46
58-90-2	2,3,4,6-Tetrachlorophenol	2270		340	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-VD MSD Lab Sample ID: 460-62993-30 MSD

Matrix: Solid Lab File ID: x5365.d

Analysis Method: 8270C Date Collected: 09/13/2013 11:45

Extract. Method: 3541 Date Extracted: 09/17/2013 08:59

Sample wt/vol: 15.02(g) Date Analyzed: 09/18/2013 21:14

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182214 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	67		10-120
4165-62-2	Phenol-d5	74		41-118
367-12-4	2-Fluorophenol	65		37-125
4165-60-0	Nitrobenzene-d5	74		38-105
321-60-8	2-Fluorobiphenyl	74		40-109
1718-51-0	Terphenyl-d14	67		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-62433-A-7-B MSD

Matrix: Solid | Lab File ID: z2494.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.01(g) | Date Analyzed: 09/23/2013 12:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182720 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3320		410	56
95-57-8	2-Chlorophenol	3380		410	55
95-48-7	2-Methylphenol	3360		410	71
106-44-5	4-Methylphenol	3120		410	82
100-52-7	Benzaldehyde	1820		410	49
98-86-2	Acetophenone	3060		410	64
111-44-4	Bis(2-chloroethyl)ether	3320		41	5.7
108-60-1	2,2'-oxybis[1-chloropropane]	3380		410	46
621-64-7	N-Nitrosodi-n-propylamine	3800		41	6.9
98-95-3	Nitrobenzene	2590		41	5.9
67-72-1	Hexachloroethane	3210		41	4.6
78-59-1	Isophorone	3830		410	50
88-75-5	2-Nitrophenol	3780		410	46
105-67-9	2,4-Dimethylphenol	3540		410	100
120-83-2	2,4-Dichlorophenol	3470		410	61
111-91-1	Bis(2-chloroethoxy)methane	3770		410	54
91-20-3	Naphthalene	3730		410	48
106-47-8	4-Chloroaniline	1360		410	110
87-68-3	Hexachlorobutadiene	3810		84	10
105-60-2	Caprolactam	3230		410	96
59-50-7	4-Chloro-3-methylphenol	3410		410	63
91-57-6	2-Methylnaphthalene	3850		410	53
118-74-1	Hexachlorobenzene	3910		41	5.7
77-47-4	Hexachlorocyclopentadiene	3040		410	49
88-06-2	2,4,6-Trichlorophenol	3750		410	49
95-95-4	2,4,5-Trichlorophenol	3280		410	54
92-52-4	Diphenyl	3990		410	56
91-58-7	2-Chloronaphthalene	3970		410	46
88-74-4	2-Nitroaniline	3170		840	170
606-20-2	2,6-Dinitrotoluene	4270		84	13
131-11-3	Dimethyl phthalate	4200		410	49
208-96-8	Acenaphthylene	3830		410	49
99-09-2	3-Nitroaniline	2830		840	150
83-32-9	Acenaphthene	3650		410	60

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-62433-A-7-B MSD

Matrix: Solid | Lab File ID: z2494.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.01(g) | Date Analyzed: 09/23/2013 12:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182720 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	7220		1300	270
51-28-5	2,4-Dinitrophenol	4720		1300	240
132-64-9	Dibenzofuran	3870		410	49
84-66-2	Diethyl phthalate	4020		410	49
86-73-7	Fluorene	3680		410	53
206-44-0	Fluoranthene	3940		410	55
84-74-2	Di-n-butyl phthalate	4130		410	51
121-14-2	2,4-Dinitrotoluene	4190		84	14
7005-72-3	4-Chlorophenyl phenyl ether	3650		410	49
100-01-6	4-Nitroaniline	3290		840	130
534-52-1	4,6-Dinitro-2-methylphenol	6940		1300	110
101-55-3	4-Bromophenyl phenyl ether	4040		410	41
1912-24-9	Atrazine	3520		410	64
120-12-7	Anthracene	3740		410	50
86-74-8	Carbazole	4040		410	49
85-01-8	Phenanthrene	3930		410	53
87-86-5	Pentachlorophenol	2310		1300	120
129-00-0	Pyrene	3200		410	35
218-01-9	Chrysene	3880		410	48
207-08-9	Benzo[k]fluoranthene	3960		41	3.1
191-24-2	Benzo[g,h,i]perylene	5350		410	31
205-99-2	Benzo[b]fluoranthene	4120		41	2.6
50-32-8	Benzo[a]pyrene	4320		41	2.9
56-55-3	Benzo[a]anthracene	3740		41	2.9
86-30-6	N-Nitrosodiphenylamine	4220		410	41
85-68-7	Butyl benzyl phthalate	3770		410	38
117-81-7	Bis(2-ethylhexyl) phthalate	3850		410	140
117-84-0	Di-n-octyl phthalate	3140		410	26
193-39-5	Indeno[1,2,3-cd]pyrene	4730		41	7.7
53-70-3	Dibenz(a,h)anthracene	4560		41	5.2
91-94-1	3,3'-Dichlorobenzidine	2710		840	150
95-94-3	1,2,4,5-Tetrachlorobenzene	3790		410	56
58-90-2	2,3,4,6-Tetrachlorophenol	3080		410	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-62433-A-7-B MSD

Matrix: Solid Lab File ID: z2494.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3541 Date Extracted: 09/17/2013 08:43

Sample wt/vol: 15.01(g) Date Analyzed: 09/23/2013 12:16

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 20.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182720 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	77		10-120
4165-62-2	Phenol-d5	74		41-118
367-12-4	2-Fluorophenol	73		37-125
4165-60-0	Nitrobenzene-d5	80		38-105
321-60-8	2-Fluorobiphenyl	86		40-109
1718-51-0	Terphenyl-d14	72		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-63294-E-2-C MSD

Matrix: Solid | Lab File ID: 112781.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/20/2013 08:59

Sample wt/vol: 15.01(g) | Date Analyzed: 09/21/2013 13:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182469 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3380		370	50
95-57-8	2-Chlorophenol	3280		370	49
95-48-7	2-Methylphenol	3410		370	64
106-44-5	4-Methylphenol	3630		370	74
100-52-7	Benzaldehyde	570		370	44
98-86-2	Acetophenone	3240		370	58
111-44-4	Bis(2-chloroethyl)ether	3140		37	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	3110		370	42
621-64-7	N-Nitrosodi-n-propylamine	3480		37	6.3
98-95-3	Nitrobenzene	2390		37	5.3
67-72-1	Hexachloroethane	2910		37	4.2
78-59-1	Isophorone	3500		370	46
88-75-5	2-Nitrophenol	3410		370	42
105-67-9	2,4-Dimethylphenol	3030		370	93
120-83-2	2,4-Dichlorophenol	3640		370	55
111-91-1	Bis(2-chloroethoxy)methane	3240		370	49
91-20-3	Naphthalene	3180		370	44
106-47-8	4-Chloroaniline	2820		370	100
87-68-3	Hexachlorobutadiene	3300		76	9.2
105-60-2	Caprolactam	2200		370	87
59-50-7	4-Chloro-3-methylphenol	3510		370	57
91-57-6	2-Methylnaphthalene	3370		370	48
118-74-1	Hexachlorobenzene	3510		37	5.1
77-47-4	Hexachlorocyclopentadiene	4060		370	44
88-06-2	2,4,6-Trichlorophenol	3200		370	44
95-95-4	2,4,5-Trichlorophenol	3230		370	49
92-52-4	Diphenyl	3150		370	50
91-58-7	2-Chloronaphthalene	2960		370	42
88-74-4	2-Nitroaniline	3360		760	160
606-20-2	2,6-Dinitrotoluene	3250		76	11
131-11-3	Dimethyl phthalate	3220		370	45
208-96-8	Acenaphthylene	3230		370	44
99-09-2	3-Nitroaniline	2700		760	130
83-32-9	Acenaphthene	3190		370	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-63294-E-2-C MSD

Matrix: Solid | Lab File ID: 112781.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/20/2013 08:59

Sample wt/vol: 15.01(g) | Date Analyzed: 09/21/2013 13:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182469 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6320		1100	240
51-28-5	2,4-Dinitrophenol	1060	J	1100	210
132-64-9	Dibenzofuran	3230		370	44
84-66-2	Diethyl phthalate	3200		370	45
86-73-7	Fluorene	3080		370	48
206-44-0	Fluoranthene	3180		370	50
84-74-2	Di-n-butyl phthalate	3210		370	46
121-14-2	2,4-Dinitrotoluene	3340		76	12
7005-72-3	4-Chlorophenyl phenyl ether	3240		370	44
100-01-6	4-Nitroaniline	1710		760	120
534-52-1	4,6-Dinitro-2-methylphenol	1100		1100	100
101-55-3	4-Bromophenyl phenyl ether	3480		370	37
1912-24-9	Atrazine	3390		370	58
120-12-7	Anthracene	3390		370	46
86-74-8	Carbazole	3290		370	44
85-01-8	Phenanthrene	3370		370	48
87-86-5	Pentachlorophenol	3780		1100	110
129-00-0	Pyrene	3820		370	31
218-01-9	Chrysene	3110		370	44
207-08-9	Benzo[k]fluoranthene	3370		37	2.9
191-24-2	Benzo[g,h,i]perylene	3100		370	28
205-99-2	Benzo[b]fluoranthene	3480		37	2.4
50-32-8	Benzo[a]pyrene	3590		37	2.7
56-55-3	Benzo[a]anthracene	3210		37	2.6
86-30-6	N-Nitrosodiphenylamine	3480		370	37
85-68-7	Butyl benzyl phthalate	3430		370	34
117-81-7	Bis(2-ethylhexyl) phthalate	3170		370	120
117-84-0	Di-n-octyl phthalate	3360		370	24
193-39-5	Indeno[1,2,3-cd]pyrene	3790		37	7.0
53-70-3	Dibenz(a,h)anthracene	3190		37	4.7
91-94-1	3,3'-Dichlorobenzidine	2390		760	130
95-94-3	1,2,4,5-Tetrachlorobenzene	3130		370	51
58-90-2	2,3,4,6-Tetrachlorophenol	3010		370	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-63294-E-2-C MSD

Matrix: Solid | Lab File ID: 112781.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/20/2013 08:59

Sample wt/vol: 15.01(g) | Date Analyzed: 09/21/2013 13:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182469 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	75		10-120
4165-62-2	Phenol-d5	81		41-118
367-12-4	2-Fluorophenol	89		37-125
4165-60-0	Nitrobenzene-d5	80		38-105
321-60-8	2-Fluorobiphenyl	78		40-109
1718-51-0	Terphenyl-d14	91		16-151

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 09/19/2013 00:39

Analysis Batch Number: 182199 End Date: 09/19/2013 12:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-182199/1		09/19/2013 00:39	1	z2308.d	Rtx-5MS 0.25(mm)
ICIS 460-182199/2		09/19/2013 01:34	1	z2309.d	Rtx-5MS 0.25(mm)
IC 460-182199/3		09/19/2013 01:59	1	z2310.d	Rtx-5MS 0.25(mm)
IC 460-182199/4		09/19/2013 02:23	1	z2311.d	Rtx-5MS 0.25(mm)
IC 460-182199/5		09/19/2013 02:48	1	z2312.d	Rtx-5MS 0.25(mm)
IC 460-182199/6		09/19/2013 03:12	1	z2313.d	Rtx-5MS 0.25(mm)
IC 460-182199/7		09/19/2013 03:37	1	z2314.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 07:09	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 07:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 07:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 08:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 08:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 09:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 09:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 10:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 10:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 10:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 11:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 11:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 12:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 12:31	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 09/20/2013 05:27

Analysis Batch Number: 182384 End Date: 09/20/2013 16:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-182384/1		09/20/2013 05:27	1	z2368.d	Rtx-5MS 0.25(mm)
CCVIS 460-182384/2		09/20/2013 05:45	1	z2369.d	Rtx-5MS 0.25(mm)
460-62993-1	PMP-6SE-VD	09/20/2013 06:14	1	z2370.d	Rtx-5MS 0.25(mm)
460-62993-2	PMP-6SE-WT	09/20/2013 06:39	1	z2371.d	Rtx-5MS 0.25(mm)
460-62993-3	PMP-6SE-SI	09/20/2013 07:03	5	z2372.d	Rtx-5MS 0.25(mm)
460-62993-4	PMP-5SE-VD	09/20/2013 07:28	1	z2373.d	Rtx-5MS 0.25(mm)
460-62993-5	PMP-5SE-WT	09/20/2013 07:53	1	z2374.d	Rtx-5MS 0.25(mm)
460-62993-6	PMP-5SE-SI	09/20/2013 08:18	1	z2375.d	Rtx-5MS 0.25(mm)
460-62993-8	PMP-8SE-VD	09/20/2013 08:43	1	z2376.d	Rtx-5MS 0.25(mm)
460-62993-9	PMP-8SE-WT	09/20/2013 09:07	1	z2377.d	Rtx-5MS 0.25(mm)
460-62993-38	PMP-32SE-VD	09/20/2013 09:57	1	z2379.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 10:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 10:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 11:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 11:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 12:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 12:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 14:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 14:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 15:24	1		Rtx-5MS 0.25(mm)
460-62993-10	PMP-4SE-VS	09/20/2013 15:49	5	z2393.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 16:13	1		Rtx-5MS 0.25(mm)
460-62993-7	PMP-8SE-VS	09/20/2013 16:38	2	z2395.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 09/23/2013 03:50

Analysis Batch Number: 182720 End Date: 09/23/2013 15:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-182720/1		09/23/2013 03:50	1	z2474.d	Rtx-5MS 0.25(mm)
CCVIS 460-182720/2		09/23/2013 04:12	1	z2475.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 04:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 05:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 05:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 06:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 06:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 07:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 08:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 08:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 08:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 09:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 09:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 10:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 11:26	1		Rtx-5MS 0.25(mm)
460-62433-A-7-A MS		09/23/2013 11:51	1	z2493.d	Rtx-5MS 0.25(mm)
460-62433-A-7-B MSD		09/23/2013 12:16	1	z2494.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 12:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 13:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 13:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 14:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 15:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 15:37	5		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: BNAMS5 Start Date: 09/10/2013 16:20

Analysis Batch Number: 180686 End Date: 09/10/2013 18:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-180686/1		09/10/2013 16:20	1	x5043.d	Rtx-5MS 0.25(mm)
ICIS 460-180686/2		09/10/2013 16:38	1	x5044.d	Rtx-5MS 0.25(mm)
IC 460-180686/3		09/10/2013 17:08	1	x5045.d	Rtx-5MS 0.25(mm)
IC 460-180686/4		09/10/2013 17:34	1	x5046.d	Rtx-5MS 0.25(mm)
IC 460-180686/5		09/10/2013 17:59	1	x5047.d	Rtx-5MS 0.25(mm)
IC 460-180686/6		09/10/2013 18:25	1	x5048.d	Rtx-5MS 0.25(mm)
IC 460-180686/7		09/10/2013 18:50	1	x5049.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: BNAMS5 Start Date: 09/18/2013 05:15

Analysis Batch Number: 181988 End Date: 09/18/2013 17:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-181988/1		09/18/2013 05:15	1	x5330.d	Rtx-5MS 0.25(mm)
CCVIS 460-181988/2		09/18/2013 05:29	1	x5331.d	Rtx-5MS 0.25(mm)
LCS 460-181707/2-A		09/18/2013 05:58	1	x5332.d	Rtx-5MS 0.25(mm)
LCS 460-181718/2-A		09/18/2013 06:24	1	x5333.d	Rtx-5MS 0.25(mm)
MB 460-181707/1-A		09/18/2013 06:50	1	x5334.d	Rtx-5MS 0.25(mm)
MB 460-181718/1-A		09/18/2013 07:16	1	x5335.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 07:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 08:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 08:32	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 08:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 09:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 10:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 10:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 11:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 11:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 12:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 12:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 13:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 13:42	2		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 14:07	5		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 14:33	2		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 14:58	5		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 15:24	2		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 15:49	5		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 16:14	5		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 16:40	5		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 17:05	5		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: BNAMS5 Start Date: 09/18/2013 18:31

Analysis Batch Number: 182214 End Date: 09/19/2013 04:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-182214/1		09/18/2013 18:31	1	x5360.d	Rtx-5MS 0.25(mm)
CCVIS 460-182214/2		09/18/2013 18:54	1	x5361.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 19:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 20:23	1		Rtx-5MS 0.25(mm)
460-62993-30 MS	PMP-15SE-VD MS	09/18/2013 20:49	1	x5364.d	Rtx-5MS 0.25(mm)
460-62993-30 MSD	PMP-15SE-VD MSD	09/18/2013 21:14	1	x5365.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 21:39	5		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 22:05	1		Rtx-5MS 0.25(mm)
460-62993-30	PMP-15SE-VD	09/18/2013 22:30	1	x5368.d	Rtx-5MS 0.25(mm)
460-62993-32	PMP-15SE-SI	09/18/2013 22:56	1	x5369.d	Rtx-5MS 0.25(mm)
460-62993-33	PMP-15SE-SD	09/18/2013 23:21	1	x5370.d	Rtx-5MS 0.25(mm)
460-62993-35	PMP-31SE-VD	09/18/2013 23:47	1	x5371.d	Rtx-5MS 0.25(mm)
460-62993-36	PMP-31SE-WT	09/19/2013 00:12	1	x5372.d	Rtx-5MS 0.25(mm)
460-62993-41	DUP1-091313	09/19/2013 00:38	1	x5373.d	Rtx-5MS 0.25(mm)
460-62993-42	DUP2-091313	09/19/2013 01:04	1	x5374.d	Rtx-5MS 0.25(mm)
460-62993-43	DUP3-091313	09/19/2013 01:29	1	x5375.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 01:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 02:21	1		Rtx-5MS 0.25(mm)
460-62993-39	PMP-32SE-WT	09/19/2013 02:46	1	x5378.d	Rtx-5MS 0.25(mm)
460-62993-40	DUP-091313	09/19/2013 03:12	1	x5379.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 03:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 04:02	1		Rtx-5MS 0.25(mm)
460-62993-34	PMP-31SE-VS	09/19/2013 04:28	1	x5382.d	Rtx-5MS 0.25(mm)
460-62993-37	PMP-32SE-VS	09/19/2013 04:54	1	x5383.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 09/16/2013 14:35

Analysis Batch Number: 181568 End Date: 09/16/2013 20:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-181568/1		09/16/2013 14:35	1	112632.D	Rtx-5MS 0.25(mm)
ICIS 460-181568/2		09/16/2013 14:58	1	112633.D	Rtx-5MS 0.25(mm)
IC 460-181568/3		09/16/2013 15:26	1	112634.D	Rtx-5MS 0.25(mm)
IC 460-181568/4		09/16/2013 15:55	1	112635.D	Rtx-5MS 0.25(mm)
IC 460-181568/5		09/16/2013 16:23	1	112636.D	Rtx-5MS 0.25(mm)
IC 460-181568/6		09/16/2013 16:51	1	112637.D	Rtx-5MS 0.25(mm)
IC 460-181568/7		09/16/2013 17:20	1	112638.D	Rtx-5MS 0.25(mm)
IC 460-181568/8		09/16/2013 17:48	1	112639.D	Rtx-5MS 0.25(mm)
IC 460-181568/9		09/16/2013 18:17	1	112640.D	Rtx-5MS 0.25(mm)
IC 460-181568/10		09/16/2013 18:45	1	112641.D	Rtx-5MS 0.25(mm)
IC 460-181568/11		09/16/2013 19:13	1	112642.D	Rtx-5MS 0.25(mm)
IC 460-181568/12		09/16/2013 19:42	1	112643.D	Rtx-5MS 0.25(mm)
IC 460-181568/13		09/16/2013 20:10	1	112644.D	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 09/19/2013 11:54

Analysis Batch Number: 182161 End Date: 09/19/2013 23:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-182161/1		09/19/2013 11:54	1	112693.D	Rtx-5MS 0.25(mm)
CCVIS 460-182161/2		09/19/2013 12:11	1	112694.D	Rtx-5MS 0.25(mm)
CCV 460-182161/3		09/19/2013 12:45	1	112695.D	Rtx-5MS 0.25(mm)
MB 460-181712/1-A		09/19/2013 13:55	1	112697.D	Rtx-5MS 0.25(mm)
LCS 460-181712/2-A		09/19/2013 15:05	1	112699.D	Rtx-5MS 0.25(mm)
460-62993-11	PMP-4SE-VD	09/19/2013 15:33	1	112700.D	Rtx-5MS 0.25(mm)
460-62993-11 MS	PMP-4SE-VD MS	09/19/2013 16:01	1	112701.D	Rtx-5MS 0.25(mm)
460-62993-11 MSD	PMP-4SE-VD MSD	09/19/2013 16:30	1	112702.D	Rtx-5MS 0.25(mm)
460-62993-15	PMP-14SE-WT	09/19/2013 16:58	1	112703.D	Rtx-5MS 0.25(mm)
460-62993-17	PMP-25SE-VD	09/19/2013 17:27	1	112704.D	Rtx-5MS 0.25(mm)
460-62993-18	PMP-25SE-WT	09/19/2013 17:55	1	112705.D	Rtx-5MS 0.25(mm)
460-62993-23	PMP-10SE-WT	09/19/2013 18:52	1	112707.D	Rtx-5MS 0.25(mm)
460-62993-24	PMP-10SE-SI	09/19/2013 19:21	1	112708.D	Rtx-5MS 0.25(mm)
460-62993-25	PMP-10SE-SD	09/19/2013 19:49	1	112709.D	Rtx-5MS 0.25(mm)
460-62993-28	PMP-13SE-SI	09/19/2013 20:17	1	112710.D	Rtx-5MS 0.25(mm)
460-62993-29	PMP-13SE-SD	09/19/2013 20:46	1	112711.D	Rtx-5MS 0.25(mm)
460-62993-31	PMP-15SE-WT	09/19/2013 21:14	1	112712.D	Rtx-5MS 0.25(mm)
460-62993-12	PMP-4SE-WT	09/19/2013 21:43	1	112713.D	Rtx-5MS 0.25(mm)
460-62993-14	PMP-14SE-VD	09/19/2013 22:11	1	112714.D	Rtx-5MS 0.25(mm)
460-62993-26	PMP-13SE-VD	09/19/2013 22:40	1	112715.D	Rtx-5MS 0.25(mm)
460-62993-16	PMP-25SE-VS	09/19/2013 23:08	1	112716.D	Rtx-5MS 0.25(mm)
460-62993-13	PMP-14SE-VS	09/19/2013 23:36	1	112717.D	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 09/20/2013 00:56

Analysis Batch Number: 182283 End Date: 09/20/2013 13:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/20/2013 00:56	1		Rtx-5MS 0.25(mm)
DFTPP 460-182283/4		09/20/2013 01:16	1	112719.D	Rtx-5MS 0.25(mm)
CCVIS 460-182283/2		09/20/2013 01:45	1	112720.D	Rtx-5MS 0.25(mm)
CCV 460-182283/3		09/20/2013 02:17	1	112721.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 02:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 03:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 03:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 04:09	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 04:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 05:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 05:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 06:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 06:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 06:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 07:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 07:55	1		Rtx-5MS 0.25(mm)
460-62993-19 DL	PMP-7SE-VD DL	09/20/2013 08:24	10	112734.D	Rtx-5MS 0.25(mm)
460-62993-20	PMP-7SE-WT	09/20/2013 08:52	5	112735.D	Rtx-5MS 0.25(mm)
460-62993-27 DL	PMP-13SE-WT DL	09/20/2013 09:20	10	112736.D	Rtx-5MS 0.25(mm)
460-62993-22	PMP-10SE-VD	09/20/2013 09:49	1	112737.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 10:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 10:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 11:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 11:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 12:14	5		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 12:42	5		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 13:10	10		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 09/20/2013 14:40

Analysis Batch Number: 182394 End Date: 09/21/2013 02:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-182394/1		09/20/2013 14:40	1	112745.D	Rtx-5MS 0.25(mm)
CCVIS 460-182394/2		09/20/2013 14:58	1	112746.D	Rtx-5MS 0.25(mm)
CCV 460-182394/3		09/20/2013 15:30	1	112747.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 16:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 16:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 17:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 17:29	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 17:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 18:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 19:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 19:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 20:18	2		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 21:15	5		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 21:44	1		Rtx-5MS 0.25(mm)
MB 460-182330/1-A		09/20/2013 22:11	1	112761.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 22:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 23:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 23:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 00:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 00:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 01:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 01:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 01:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 02:26	2		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 09/21/2013 10:02

Analysis Batch Number: 182469 End Date: 09/21/2013 21:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-182469/1		09/21/2013 10:02	1	112775.D	Rtx-5MS 0.25(mm)
CCVIS 460-182469/2		09/21/2013 10:23	1	112776.D	Rtx-5MS 0.25(mm)
CCV 460-182469/3		09/21/2013 10:52	1	112777.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 12:05	1		Rtx-5MS 0.25(mm)
460-63294-E-2-B MS		09/21/2013 12:33	1	112780.D	Rtx-5MS 0.25(mm)
460-63294-E-2-C MSD		09/21/2013 13:02	1	112781.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 13:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 13:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 14:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 14:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 15:24	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 15:53	1		Rtx-5MS 0.25(mm)
460-62993-21	PMP-7SE-SI	09/21/2013 16:21	1	112788.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 16:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 17:18	50		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 17:46	20		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 18:15	50		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 18:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 19:12	2		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 19:41	5		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 20:09	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 20:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 21:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/21/2013 21:35	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 09/23/2013 08:58

Analysis Batch Number: 182639 End Date: 09/23/2013 11:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-182639/1		09/23/2013 08:58	1	L112834.D	Rtx-5MS 0.25(mm)
CCVIS 460-182639/2		09/23/2013 09:21	1	L112835.D	Rtx-5MS 0.25(mm)
CCV 460-182639/3		09/23/2013 09:54	1	L112836.D	Rtx-5MS 0.25(mm)
LCS 460-182330/2-A		09/23/2013 10:23	1	L112837.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 10:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 11:19	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 11:48	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CBNAMS6 Start Date: 08/31/2013 10:55

Analysis Batch Number: 179169 End Date: 08/31/2013 21:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-179169/1		08/31/2013 10:55	1	M68895.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-179169/2		08/31/2013 11:13	1	M68896.D	Rtxi-5Sil MS 0.25(mm)
IC 460-179169/3		08/31/2013 11:36	1	M68897.D	Rtxi-5Sil MS 0.25(mm)
IC 460-179169/4		08/31/2013 11:59	1	M68898.D	Rtxi-5Sil MS 0.25(mm)
IC 460-179169/5		08/31/2013 12:21	1	M68899.D	Rtxi-5Sil MS 0.25(mm)
IC 460-179169/6		08/31/2013 12:44	1	M68900.D	Rtxi-5Sil MS 0.25(mm)
IC 460-179169/7		08/31/2013 13:07	1	M68901.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2013 13:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2013 15:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2013 16:04	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2013 16:27	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2013 16:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2013 17:13	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2013 17:35	50		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2013 17:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2013 18:21	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2013 18:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2013 19:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2013 19:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2013 19:51	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2013 20:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2013 20:36	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2013 20:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/31/2013 21:21	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CBNAMS6 Start Date: 09/18/2013 02:30

Analysis Batch Number: 181879 End Date: 09/18/2013 12:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-181879/1		09/18/2013 02:30	1	M69497.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-181879/2		09/18/2013 02:48	1	M69498.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 03:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 04:45	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 05:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 05:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 05:51	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 06:13	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 06:35	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 07:37	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 08:21	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 08:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 09:05	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 09:27	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 09:49	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 10:11	1		Rtxi-5Sil MS 0.25(mm)
MB 460-181730/1-A		09/18/2013 10:33	1	M69516.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 11:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 12:01	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CBNAMS6 Start Date: 09/18/2013 15:39

Analysis Batch Number: 182022 End Date: 09/19/2013 02:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-182022/1		09/18/2013 15:39	1	M69527.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-182022/2		09/18/2013 15:57	1	M69528.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-181730/2-A		09/18/2013 18:28	1	M69533.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 19:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 19:37	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 21:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 22:38	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 23:00	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 23:23	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 23:46	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 00:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 00:31	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 00:54	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 01:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 02:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 02:24	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 02:47	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CBNAMS6 Start Date: 09/20/2013 00:54

Analysis Batch Number: 182282 End Date: 09/20/2013 09:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-182282/1		09/20/2013 00:54	1	M69584.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-182282/2		09/20/2013 01:11	1	M69585.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/20/2013 02:52	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/20/2013 03:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/20/2013 03:37	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/20/2013 03:59	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/20/2013 04:21	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/20/2013 04:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/20/2013 05:05	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/20/2013 05:49	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/20/2013 06:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/20/2013 06:56	1		Rtxi-5Sil MS 0.25(mm)
LCSD 460-181730/3-A		09/20/2013 09:08	1	M69606.D	Rtxi-5Sil MS 0.25(mm)
460-62993-44	FB-091313	09/20/2013 09:30	1	M69607.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181707 Batch Start Date: 09/17/13 08:43 Batch Analyst: Patel, Harsh

Batch Method: 3541 Batch End Date: 09/17/13 15:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_BNA SPIK 00001	OP8270SoilSUR 00011	
MB 460-181707/1		3541, 8270C		15.00 g	1 mL	73		500 uL	
LCS 460-181707/2		3541, 8270C		15.00 g	1 mL	74	500 uL	500 uL	
460-62433-A-7 MS		3541, 8270C	T	15.04 g	1 mL	75	500 uL	500 uL	
460-62433-A-7 MSD		3541, 8270C	T	15.01 g	1 mL	76	500 uL	500 uL	
460-62993-E-1	PMP-6SE-VD	3541, 8270C	T	15.03 g	1 mL	87		500 uL	
460-62993-E-2	PMP-6SE-WT	3541, 8270C	T	15.01 g	1 mL	88		500 uL	
460-62993-E-3	PMP-6SE-SI	3541, 8270C	T	15.01 g	1 mL	89		500 uL	
460-62993-E-4	PMP-5SE-VD	3541, 8270C	T	15.04 g	1 mL	90		500 uL	
460-62993-E-5	PMP-5SE-WT	3541, 8270C	T	15.03 g	1 mL	121		500 uL	
460-62993-E-6	PMP-5SE-SI	3541, 8270C	T	15.04 g	1 mL	122		500 uL	
460-62993-E-7	PMP-8SE-VS	3541, 8270C	T	15.01 g	1 mL	123		500 uL	
460-62993-E-8	PMP-8SE-VD	3541, 8270C	T	15.03 g	1 mL	124		500 uL	
460-62993-D-9	PMP-8SE-WT	3541, 8270C	T	15.01 g	1 mL	125		500 uL	
460-62993-E-10	PMP-4SE-VS	3541, 8270C	T	15.02 g	1 mL	126		500 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181707 Batch Start Date: 09/17/13 08:43 Batch Analyst: Patel, Harsh

Batch Method: 3541 Batch End Date: 09/17/13 15:30

Batch Notes	
Balance ID	28
Batch Comment	BNA 8270C SOIL
Person's name who did the concentration	hp
Vendor lot number	43332
N-evap #	222299
N-evap temperature	37.0 Degrees C
Na2SO4 Lot Number	320403
Person's name who did the prep	hp
Solvent	MeCl2/Acetone blend
SOP Number	3541
Soxtherm Temperature	150 deg. C
First Start time	9.00am
Uncorrected N-evap Temperature	37.0 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181712 Batch Start Date: 09/17/13 08:49 Batch Analyst: Patel, Harsh

Batch Method: 3541 Batch End Date: 09/17/13 16:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_BNA SPIK 00001	OP8270SoilSUR 00011	
MB 460-181712/1		3541, 8270C		15.00 g	1 mL	97		500 uL	
LCS 460-181712/2		3541, 8270C		15.00 g	1 mL	98	500 uL	500 uL	
460-62993-E-11 MS	PMP-4SE-VD	3541, 8270C	T	15.04 g	1 mL	99	500 uL	500 uL	
460-62993-E-11 MSD	PMP-4SE-VD	3541, 8270C	T	15.02 g	1 mL	100	500 uL	500 uL	
460-62993-E-11	PMP-4SE-VD	3541, 8270C	T	15.03 g	1 mL	101		500 uL	
460-62993-E-12	PMP-4SE-WT	3541, 8270C	T	15.01 g	1 mL	102		500 uL	
460-62993-E-13	PMP-14SE-VS	3541, 8270C	T	15.02 g	1 mL	115		500 uL	
460-62993-E-14	PMP-14SE-VD	3541, 8270C	T	15.03 g	1 mL	116		500 uL	
460-62993-E-15	PMP-14SE-WT	3541, 8270C	T	15.02 g	1 mL	117		500 uL	
460-62993-E-16	PMP-25SE-VS	3541, 8270C	T	15.04 g	1 mL	118		500 uL	
460-62993-E-17	PMP-25SE-VD	3541, 8270C	T	15.02 g	1 mL	119		500 uL	
460-62993-E-18	PMP-25SE-WT	3541, 8270C	T	15.03 g	1 mL	120		500 uL	
460-62993-E-19	PMP-7SE-VD	3541, 8270C	T	15.01 g	1 mL	73		500 uL	
460-62993-E-20	PMP-7SE-WT	3541, 8270C	T	15.01 g	1 mL	74		500 uL	
460-62993-E-22	PMP-10SE-VD	3541, 8270C	T	15.02 g	1 mL	76		500 uL	
460-62993-E-23	PMP-10SE-WT	3541, 8270C	T	15.02 g	1 mL	77		500 uL	
460-62993-E-24	PMP-10SE-SI	3541, 8270C	T	15.01 g	1 mL	78		500 uL	
460-62993-E-25	PMP-10SE-SD	3541, 8270C	T	15.02 g	1 mL	79		500 uL	
460-62993-E-26	PMP-13SE-VD	3541, 8270C	T	15.02 g	1 mL	80		500 uL	
460-62993-E-27	PMP-13SE-WT	3541, 8270C	T	15.04 g	1 mL	81		500 uL	
460-62993-E-28	PMP-13SE-SI	3541, 8270C	T	15.01 g	1 mL	82		500 uL	
460-62993-F-29	PMP-13SE-SD	3541, 8270C	T	15.03 g	1 mL	83		500 uL	
460-62993-E-31	PMP-15SE-WT	3541, 8270C	T	15.02 g	1 mL	84		500 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181712 Batch Start Date: 09/17/13 08:49 Batch Analyst: Patel, Harsh

Batch Method: 3541 Batch End Date: 09/17/13 16:30

Batch Notes	
Balance ID	28
Batch Comment	BNA 8270C SOIL
Person's name who did the concentration	hp
Vendor lot number	43332
N-evap #	222299
N-evap temperature	37.0 Degrees C
Na2SO4 Lot Number	320403
Person's name who did the prep	hp
Solvent	MeCl2/Acetone blend
SOP Number	3541
Soxtherm Temperature	150 deg. C
First Start time	9.00am
Uncorrected N-evap Temperature	37.0 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181718 Batch Start Date: 09/17/13 08:59 Batch Analyst: Patel, Harsh

Batch Method: 3541 Batch End Date: 09/17/13 17:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_BNA SPIK 00001	OP8270SoilSUR 00011	
MB 460-181718/1		3541, 8270C		15.00 g	1 mL	85		500 uL	
LCS 460-181718/2		3541, 8270C		15.00 g	1 mL	86	500 uL	500 uL	
460-62993-E-30 MS	PMP-15SE-VD	3541, 8270C	T	15.03 g	1 mL	87	500 uL	500 uL	
460-62993-E-30 MSD	PMP-15SE-VD	3541, 8270C	T	15.02 g	1 mL	88	500 uL	500 uL	
460-62993-E-30	PMP-15SE-VD	3541, 8270C	T	15.04 g	1 mL	89		500 uL	
460-62993-E-32	PMP-15SE-SI	3541, 8270C	T	15.01 g	1 mL	90		500 uL	
460-62993-E-33	PMP-15SE-SD	3541, 8270C	T	15.03 g	1 mL	121		500 uL	
460-62993-E-34	PMP-31SE-VS	3541, 8270C	T	15.00 g	1 mL	122		500 uL	
460-62993-E-35	PMP-31SE-VD	3541, 8270C	T	15.01 g	1 mL	123		500 uL	
460-62993-E-36	PMP-31SE-WT	3541, 8270C	T	15.02 g	1 mL	124		500 uL	
460-62993-E-37	PMP-32SE-VS	3541, 8270C	T	15.02 g	1 mL	125		500 uL	
460-62993-E-38	PMP-32SE-VD	3541, 8270C	T	15.04 g	1 mL	126		500 uL	
460-62993-E-39	PMP-32SE-WT	3541, 8270C	T	15.02 g	1 mL	97		500 uL	
460-62993-E-40	DUP-091313	3541, 8270C	T	15.03 g	1 mL	98		500 uL	
460-62993-E-41	DUP1-091313	3541, 8270C	T	15.02 g	1 mL	99		500 uL	
460-62993-E-42	DUP2-091313	3541, 8270C	T	15.01 g	1 mL	100		500 uL	
460-62993-E-43	DUP3-091313	3541, 8270C	T	15.02 g	1 mL	101		500 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181718 Batch Start Date: 09/17/13 08:59 Batch Analyst: Patel, Harsh

Batch Method: 3541 Batch End Date: 09/17/13 17:00

Batch Notes	
Balance ID	28
Batch Comment	BNA 8270C SOIL
Person's name who did the concentration	hp
Vendor lot number	43332
N-evap #	222299
N-evap temperature	37.0 Degrees C
Na2SO4 Lot Number	320403
Person's name who did the prep	hp
Solvent	MeCl2/Acetone blend
SOP Number	3541
Soxtherm Temperature	150 deg. C
First Start time	9.00am
Uncorrected N-evap Temperature	37.0 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181730 Batch Start Date: 09/17/13 09:45 Batch Analyst: Chen, Mandi

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP625/82SP 00041
MB 460-181730/1		3510C, 8270C		7 SU	250 mL	2 mL	<2 SU	>12 SU	
LCS 460-181730/2		3510C, 8270C		7 SU	250 mL	2 mL	<2 SU	>12 SU	0.2 mL
LCSD 460-181730/3		3510C, 8270C		7 SU	250 mL	2 mL	<2 SU	>12 SU	0.2 mL
460-62993-G-44	FB-091313	3510C, 8270C	T	7 SU	240 mL	2 mL	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP625/82SU 00036					
MB 460-181730/1		3510C, 8270C		0.2 mL					
LCS 460-181730/2		3510C, 8270C		0.2 mL					
LCSD 460-181730/3		3510C, 8270C		0.2 mL					
460-62993-G-44	FB-091313	3510C, 8270C	T	0.2 mL					

Batch Notes	
Acid used for pH adjustment	Sulfuric
Acid used for pH adjust Lot #	35166
Base used for pH adjustment	NAOH
Base used for pH adjust Lot #	OP 711
Batch Comment	3510C LVI / 8270
Person's name who did the concentration	MC
N-evap #	222299
N-evap temperature	35 Celsius
Na2SO4 Lot Number	320403
Prep Solvent Lot #	50785
Prep Solvent Name	MECL2
Prep Solvent Volume Used	120 mL mL
Person's name who did the prep	MC
Sufficient volume for MS/MSD?	no
Uncorrected N-evap Temperature	35 Celsius

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181730 Batch Start Date: 09/17/13 09:45 Batch Analyst: Chen, Mandi

Batch Method: 3510C Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 182330 Batch Start Date: 09/20/13 08:59 Batch Analyst: Patel, Harsh

Batch Method: 3541 Batch End Date: 09/20/13 17:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_BNA SPIK 00002	OP8270SoilSUR 00011	
MB 460-182330/1		3541, 8270C		15.00 g	1 mL	85		500 uL	
LCS 460-182330/2		3541, 8270C		15.00 g	1 mL	86	500 uL	500 uL	
460-63294-E-2 MS		3541, 8270C	T	15.02 g	1 mL	87	500 uL	500 uL	
460-63294-E-2 MSD		3541, 8270C	T	15.01 g	1 mL	88	500 uL	500 uL	
460-62993-E-21	PMP-7SE-SI	3541, 8270C	T	15.01 g	1 mL	102		500 uL	

Batch Notes	
Balance ID	28
Batch Comment	BNA 8270C SOIL
Person's name who did the concentration	hp
Vendor lot number	43332
N-evap #	222299
N-evap temperature	37.0 Degrees C
Na2SO4 Lot Number	320403
Person's name who did the prep	hp
Solvent	MeCl2/Acetone blend
SOP Number	3541
Soxtherm Temperature	150 deg. C
First Start time	9.00am
Uncorrected N-evap Temperature	37.0 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8082

Polychlorinated Biphenyls (PCBs) by Gas Chromatography by Method 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

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-6SE-VD	460-62993-1	95		101	
PMP-6SE-WT	460-62993-2	0	X	0	X
PMP-6SE-SI	460-62993-3	0	X	0	X
PMP-5SE-VD	460-62993-4	92		97	
PMP-5SE-WT	460-62993-5	0	X	0	X
PMP-5SE-SI	460-62993-6	0	X	0	X
PMP-8SE-VS	460-62993-7	0	X	0	X
PMP-8SE-VD	460-62993-8	83		93	
PMP-8SE-WT	460-62993-9	88		95	
PMP-4SE-VS	460-62993-10	0	X	0	X
PMP-4SE-VD	460-62993-11	83		98	
PMP-4SE-WT	460-62993-12	93		99	
PMP-14SE-VS	460-62993-13	77		92	
PMP-14SE-VD	460-62993-14	84		91	
PMP-14SE-WT	460-62993-15	88		91	
PMP-25SE-VS	460-62993-16	93		97	
PMP-25SE-VD	460-62993-17	94		96	
PMP-25SE-WT	460-62993-18	92		95	
PMP-7SE-VD	460-62993-19	0	X	0	X
PMP-7SE-WT	460-62993-20	0	X	0	X
PMP-7SE-SI	460-62993-21	0	X	0	X
PMP-10SE-VD	460-62993-22	86		91	
PMP-10SE-WT	460-62993-23	90		93	
PMP-10SE-SI	460-62993-24	92		96	
PMP-10SE-SD	460-62993-25	85		89	
PMP-13SE-VD	460-62993-26	92		97	
PMP-13SE-WT	460-62993-27	0	X	0	X
PMP-13SE-SI	460-62993-28	96		99	
PMP-13SE-SD	460-62993-29	89		94	
PMP-15SE-VD	460-62993-30	95		98	
PMP-15SE-WT	460-62993-31	92		96	
PMP-15SE-SI	460-62993-32	92		95	
PMP-15SE-SD	460-62993-33	94		99	
PMP-31SE-VS	460-62993-34	89		93	
PMP-31SE-VD	460-62993-35	96		100	

	QC LIMITS
DCB = DCB Decachlorobiphenyl	45-138

Column to be used to flag recovery values

FORM II 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

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-31SE-WT	460-62993-36	90		95	
PMP-32SE-VS	460-62993-37	98		102	
PMP-32SE-VD	460-62993-38	86		97	
PMP-32SE-WT	460-62993-39	91		96	
DUP-091313	460-62993-40	88		93	
DUP1-091313	460-62993-41	90		94	
DUP2-091313	460-62993-42	83		86	
DUP3-091313	460-62993-43	81		86	
	MB 460-181667/1-A	129		132	
	MB 460-181668/1-A	97		101	
	MB 460-181669/1-A	98		101	
	LCS 460-181667/2-A	115		120	
	LCS 460-181668/2-A	135		137	
	LCS 460-181669/2-A	100		103	
PMP-6SE-VD MS	460-62993-1 MS	87		90	
PMP-7SE-SI MS	460-62993-21 MS	0	X	0	X
	460-63014-A-1-H MS	119		112	
PMP-6SE-VD MSD	460-62993-1 MSD	95		100	
PMP-7SE-SI MSD	460-62993-21 MSD	0	X	0	X
	460-63014-A-1-I MSD	78		85	

	QC LIMITS
DCB = DCB Decachlorobiphenyl	45-138

Column to be used to flag recovery values

FORM II 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

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-091313	460-62993-44	62	57
	MB 460-181488/1-A	110	100
	LCS 460-181488/2-A	94	85
	LCSD 460-181488/3-A	95	82

	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.: 460-62993-1

SDG No.:

Matrix: Water Level: Low Lab File ID: QR097392.D

Lab ID: LCS 460-181488/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	8.00	9.16	115	71-126	
Aroclor 1016	8.00	9.87	123	71-126	
Aroclor 1260	8.00	8.54	107	73-130	
Aroclor 1260	8.00	9.50	119	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: T023125.D

Lab ID: LCS 460-181667/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	391	117	75-150	
Aroclor 1016	333	377	113	75-150	
Aroclor 1260	333	390	117	72-150	
Aroclor 1260	333	374	112	72-150	

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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: OR208150.D

Lab ID: LCS 460-181668/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	377	113	75-150	
Aroclor 1016	333	376	113	75-150	
Aroclor 1260	333	381	114	72-150	
Aroclor 1260	333	368	110	72-150	

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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: OR208177.D

Lab ID: LCS 460-181669/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	330	99	75-150	
Aroclor 1016	333	332	100	75-150	
Aroclor 1260	333	331	99	72-150	
Aroclor 1260	333	322	97	72-150	

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.: 460-62993-1

SDG No.:

Matrix: Water Level: Low Lab File ID: QR097393.D

Lab ID: LCSD 460-181488/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	8.00	8.86	111	3	30	71-126	
Aroclor 1016	8.00	9.74	122	1	30	71-126	
Aroclor 1260	8.00	8.05	101	6	30	73-130	
Aroclor 1260	8.00	9.29	116	2	30	73-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: OR208151.D

Lab ID: 460-62993-1 MS Client ID: PMP-6SE-VD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	351	16 U	316	90	75-150	
Aroclor 1016	351	16 U	337	96	75-150	
Aroclor 1260	351	20 U	319	91	72-150	
Aroclor 1260	351	20 U	312	89	72-150	

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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: OR208215.D

Lab ID: 460-62993-21 MS Client ID: PMP-7SE-SI MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	396	360 U	360 U	0	75-150	F
Aroclor 1260	396	3400	450 U	0	72-150	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: T023128.D

Lab ID: 460-63014-A-1-H MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	403	18 U	347	86	75-150	
Aroclor 1016	403	18 U	318	79	75-150	
Aroclor 1260	403	23 U	359	89	72-150	
Aroclor 1260	403	23 U	313	78	72-150	

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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: OR208152.D

Lab ID: 460-62993-1 MSD Client ID: PMP-6SE-VD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	351	334	95	5	30	75-150	
Aroclor 1016	351	337	96	0	30	75-150	
Aroclor 1260	351	333	95	4	30	72-150	
Aroclor 1260	351	321	92	3	30	72-150	

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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: OR208216.D

Lab ID: 460-62993-21 MSD Client ID: PMP-7SE-SI MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	395	360 U	0	NC	30	75-150	F
Aroclor 1260	395	450 U	0	NC	30	72-150	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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: T023129.D

Lab ID: 460-63014-A-1-I MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	402	330	82	5	30	75-150	
Aroclor 1016	402	312	78	2	30	75-150	
Aroclor 1260	402	395	98	10	30	72-150	
Aroclor 1260	402	309	77	1	30	72-150	

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.: 460-62993-1

SDG No.:

Lab Sample ID: MB 460-181488/1-A

Matrix: Water Date Extracted: 09/16/2013 08:47

Lab File ID:(1) QR097391.D Lab File ID:(2) QR097391.D

Date Analyzed:(1) 09/18/2013 02:07 Date Analyzed:(2) 09/18/2013 02:07

Instrument ID:(1) CPESTGC8 Instrument ID:(2) CPESTGC8

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 460-181488/2-A	09/18/2013 02:24	09/18/2013 02:24
	LCSD 460-181488/3-A	09/18/2013 02:40	09/18/2013 02:40
FB-091313	460-62993-44	09/18/2013 05:30	09/18/2013 05:30

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: MB 460-181667/1-A

Matrix: Solid Date Extracted: 09/17/2013 04:50

Lab File ID:(1) T023124.D Lab File ID:(2) T023124.D

Date Analyzed:(1) 09/17/2013 08:38 Date Analyzed:(2) 09/17/2013 08:38

Instrument ID:(1) CPESTGC11 Instrument ID:(2) CPESTGC11

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 460-181667/2-A	09/17/2013 08:57	09/17/2013 08:57
	460-63014-A-1-H MS	09/17/2013 09:54	09/17/2013 09:54
	460-63014-A-1-I MSD	09/17/2013 10:13	09/17/2013 10:13
DUP1-091313	460-62993-41	09/17/2013 13:23	09/17/2013 13:23
DUP2-091313	460-62993-42	09/17/2013 13:40	09/17/2013 13:40
DUP3-091313	460-62993-43	09/17/2013 13:57	09/17/2013 13:57

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: MB 460-181668/1-A

Matrix: Solid Date Extracted: 09/17/2013 04:59

Lab File ID:(1) OR208149.D Lab File ID:(2) OR208149.D

Date Analyzed:(1) 09/17/2013 15:05 Date Analyzed:(2) 09/17/2013 15:05

Instrument ID:(1) CPESTGC7 Instrument ID:(2) CPESTGC7

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
PMP-6SE-VD	460-62993-1	09/17/2013 14:49	09/17/2013 14:49
	LCS 460-181668/2-A	09/17/2013 15:22	09/17/2013 15:22
PMP-6SE-VD MS	460-62993-1 MS	09/17/2013 15:38	09/17/2013 15:38
PMP-6SE-VD MSD	460-62993-1 MSD	09/17/2013 15:55	09/17/2013 15:55
PMP-5SE-VD	460-62993-4	09/17/2013 16:44	09/17/2013 16:44
PMP-8SE-VD	460-62993-8	09/17/2013 17:50	09/17/2013 17:50
PMP-8SE-WT	460-62993-9	09/17/2013 18:06	09/17/2013 18:06
PMP-4SE-VD	460-62993-11	09/17/2013 18:39	09/17/2013 18:39
PMP-4SE-WT	460-62993-12	09/17/2013 18:55	09/17/2013 18:55
PMP-14SE-VS	460-62993-13	09/17/2013 19:11	09/17/2013 19:11
PMP-14SE-VD	460-62993-14	09/17/2013 19:28	09/17/2013 19:28
PMP-14SE-WT	460-62993-15	09/17/2013 19:45	09/17/2013 19:45
PMP-25SE-VS	460-62993-16	09/17/2013 20:01	09/17/2013 20:01
PMP-25SE-VD	460-62993-17	09/17/2013 20:17	09/17/2013 20:17
PMP-25SE-WT	460-62993-18	09/17/2013 20:34	09/17/2013 20:34
PMP-6SE-WT	460-62993-2	09/18/2013 08:44	09/18/2013 08:44
PMP-6SE-SI	460-62993-3	09/18/2013 09:01	09/18/2013 09:01
PMP-5SE-WT	460-62993-5	09/18/2013 09:17	09/18/2013 09:17
PMP-5SE-SI	460-62993-6	09/18/2013 09:33	09/18/2013 09:33
PMP-4SE-VS	460-62993-10	09/18/2013 10:07	09/18/2013 10:07
PMP-7SE-VD	460-62993-19	09/18/2013 10:23	09/18/2013 10:23
PMP-7SE-WT	460-62993-20	09/18/2013 10:39	09/18/2013 10:39
PMP-8SE-VS	460-62993-7	09/18/2013 12:18	09/18/2013 12:18

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: MB 460-181669/1-A

Matrix: Solid Date Extracted: 09/17/2013 05:03

Lab File ID:(1) OR208176.D Lab File ID:(2) OR208176.D

Date Analyzed:(1) 09/17/2013 22:29 Date Analyzed:(2) 09/17/2013 22:29

Instrument ID:(1) CPESTGC7 Instrument ID:(2) CPESTGC7

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 460-181669/2-A	09/17/2013 22:46	09/17/2013 22:46
PMP-10SE-VD	460-62993-22	09/17/2013 23:52	09/17/2013 23:52
PMP-10SE-WT	460-62993-23	09/18/2013 00:08	09/18/2013 00:08
PMP-10SE-SI	460-62993-24	09/18/2013 00:24	09/18/2013 00:24
PMP-10SE-SD	460-62993-25	09/18/2013 00:41	09/18/2013 00:41
PMP-13SE-VD	460-62993-26	09/18/2013 00:58	09/18/2013 00:58
PMP-13SE-SI	460-62993-28	09/18/2013 01:30	09/18/2013 01:30
PMP-13SE-SD	460-62993-29	09/18/2013 01:47	09/18/2013 01:47
PMP-15SE-VD	460-62993-30	09/18/2013 02:02	09/18/2013 02:02
PMP-15SE-WT	460-62993-31	09/18/2013 02:18	09/18/2013 02:18
PMP-15SE-SI	460-62993-32	09/18/2013 02:34	09/18/2013 02:34
PMP-15SE-SD	460-62993-33	09/18/2013 02:50	09/18/2013 02:50
PMP-31SE-VS	460-62993-34	09/18/2013 03:07	09/18/2013 03:07
PMP-31SE-VD	460-62993-35	09/18/2013 03:24	09/18/2013 03:24
PMP-31SE-WT	460-62993-36	09/18/2013 03:40	09/18/2013 03:40
PMP-32SE-VS	460-62993-37	09/18/2013 03:55	09/18/2013 03:55
PMP-32SE-VD	460-62993-38	09/18/2013 04:12	09/18/2013 04:12
PMP-32SE-WT	460-62993-39	09/18/2013 04:29	09/18/2013 04:29
DUP-091313	460-62993-40	09/18/2013 04:46	09/18/2013 04:46
PMP-7SE-SI	460-62993-21	09/18/2013 10:55	09/18/2013 10:55
PMP-7SE-SI MS	460-62993-21 MS	09/18/2013 11:12	09/18/2013 11:12
PMP-7SE-SI MSD	460-62993-21 MSD	09/18/2013 11:28	09/18/2013 11:28
PMP-13SE-WT	460-62993-27	09/18/2013 11:45	09/18/2013 11:45

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-VD MS Lab Sample ID: 460-62993-1 MS

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 15:38 Date Analyzed (2): 09/17/2013 15:38

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.34	2.27	2.41	287	337	0.0
		2	2.67	2.60	2.74	333		
		3	3.12	3.05	3.19	394		
		4	3.26	3.20	3.34	338		
		5	3.70	3.63	3.77	336		
	2	1	3.09	3.02	3.16	287	316	
		2	3.56	3.50	3.64	327		
		3	4.10	4.04	4.18	353		
		4	4.87	4.80	4.94	326		
		5	5.02	4.96	5.10	286		
Aroclor 1260	1	1	5.11	5.05	5.19	328	312	0.0
		2	6.27	6.21	6.35	307		
		3	6.74	6.68	6.82	310		
		4	7.23	7.17	7.31	300		
		5	8.60	8.54	8.68	313		
	2	1	6.57	6.51	6.65	321	319	
		2	6.91	6.85	6.99	318		
		3	8.48	8.43	8.57	306		
		4	9.00	8.94	9.08	325		
		5	10.18	10.12	10.26	327		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-VD MSD Lab Sample ID: 460-62993-1 MSD

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 15:55 Date Analyzed (2): 09/17/2013 15:55

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 1016	1	1	2.34	2.27	2.41	303	337	0.0
		2	2.67	2.60	2.74	347		
		3	3.12	3.05	3.19	357		
		4	3.26	3.20	3.34	344		
		5	3.70	3.63	3.77	332		
	2	1	3.09	3.02	3.16	320	334	
		2	3.56	3.50	3.64	347		
		3	4.11	4.04	4.18	361		
		4	4.87	4.80	4.94	343		
		5	5.03	4.96	5.10	297		
Aroclor 1260	1	1	5.11	5.05	5.19	327	321	0.0
		2	6.27	6.21	6.35	319		
		3	6.74	6.68	6.82	318		
		4	7.23	7.17	7.31	309		
		5	8.60	8.54	8.68	334		
	2	1	6.57	6.51	6.65	334	333	
		2	6.91	6.85	6.99	331		
		3	8.48	8.43	8.57	318		
		4	9.00	8.94	9.08	338		
		5	10.19	10.12	10.26	345		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-WT Lab Sample ID: 460-62993-2

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/18/2013 08:44 Date Analyzed (2): 09/18/2013 08:44

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.27	2.41	31300	34000	10.9
		2	2.67	2.60	2.74	33400		
		3	3.12	3.05	3.19	34600		
		4	3.26	3.20	3.34	36500		
		5	3.70	3.63	3.77	35700		
	2	1	3.10	3.02	3.16	34600	38000	
		2	3.57	3.49	3.63	39200		
		3	4.12	4.04	4.18	39000		
		4	4.29	4.21	4.35	37400		
		5	5.42	5.34	5.48	41300		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-SI Lab Sample ID: 460-62993-3

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/18/2013 09:01 Date Analyzed (2): 09/18/2013 09:01

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.27	2.41	14700	16000	13.0
		2	2.67	2.60	2.74	15400		
		3	3.12	3.05	3.19	15900		
		4	3.26	3.20	3.34	16600		
		5	3.70	3.63	3.77	15900		
	2	1	3.09	3.02	3.16	17900	18000	
		2	3.56	3.49	3.63	18000		
		3	4.11	4.04	4.18	17900		
		4	4.28	4.21	4.35	17200		
		5	5.41	5.34	5.48	18400		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-WT Lab Sample ID: 460-62993-5

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/18/2013 09:17 Date Analyzed (2): 09/18/2013 09:17

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	2.34	2.27	2.41	17900	20000	8.7
		2	2.67	2.60	2.74	18900		
		3	3.12	3.05	3.19	19600		
		4	3.26	3.20	3.34	20900		
		5	3.70	3.63	3.77	20300		
	2	1	3.09	3.02	3.16	19300	21000	
		2	3.56	3.49	3.63	21100		
		3	4.10	4.04	4.18	21700		
		4	4.28	4.21	4.35	20300		
		5	5.41	5.34	5.48	24100		
Aroclor 1260	1	1	5.11	5.05	5.19	5690	4700	3.1
		2	6.27	6.21	6.35	4150		
		3	6.74	6.68	6.82	4670		
		4	7.23	7.17	7.31	4500		
		5	8.60	8.54	8.68	4500		
	2	2	6.91	6.85	6.99	4590	4800	
		3	8.48	8.43	8.57	4900		
		4	9.00	8.94	9.08	4980		
		5	10.18	10.12	10.26	4920		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-SI Lab Sample ID: 460-62993-6

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/18/2013 09:33 Date Analyzed (2): 09/18/2013 09:33

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.27	2.41	11500	13000	12.0
		2	2.67	2.60	2.74	12400		
		3	3.12	3.05	3.19	13100		
		4	3.27	3.20	3.34	13600		
		5	3.70	3.63	3.77	13700		
	2	1	3.09	3.02	3.16	13800	15000	
		2	3.56	3.49	3.63	14000		
		3	4.10	4.04	4.18	14600		
		4	4.27	4.21	4.35	13700		
		5	5.41	5.34	5.48	16500		
Aroclor 1260	1	1	5.11	5.05	5.19	4250	3500	0.4
		2	6.27	6.21	6.35	3270		
		3	6.74	6.68	6.82	3530		
		4	7.23	7.17	7.31	3260		
		5	8.60	8.54	8.68	3150		
	2	2	6.91	6.85	6.99	3310	3500	
		3	8.48	8.43	8.57	3480		
		4	9.00	8.94	9.08	3610		
		5	10.18	10.12	10.26	3610		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-VS Lab Sample ID: 460-62993-7

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/18/2013 12:18 Date Analyzed (2): 09/18/2013 12:18

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	2.60	2.74	20300	14000	7.0
		2	3.12	3.05	3.19	21600		
		3	3.70	3.63	3.77	10400		
		4	4.20	4.13	4.27	9510		
		5	4.43	4.36	4.50	8170		
	2	1	3.58	3.49	3.63	24600	15000	
		2	4.12	4.03	4.17	21500		
		3	4.54	4.45	4.59	9540		
		4	5.36	5.28	5.42	8990		
		5	5.42	5.34	5.48	10300		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VS Lab Sample ID: 460-62993-10

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/18/2013 10:07 Date Analyzed (2): 09/18/2013 10:07

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	2.67	2.60	2.74	272000	180000	4.5
		2	3.12	3.05	3.19	263000		
		3	3.70	3.63	3.77	135000		
		4	4.20	4.13	4.27	119000		
		5	4.43	4.36	4.50	104000		
	2	1	3.56	3.49	3.63	316000	190000	
		2	4.11	4.03	4.17	254000		
		3	4.52	4.45	4.59	122000		
		4	5.35	5.28	5.42	107000		
		5	5.41	5.34	5.48	134000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-WT Lab Sample ID: 460-62993-12

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 18:55 Date Analyzed (2): 09/17/2013 18:55

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 1248	1	1	2.67	2.60	2.74	122	99	4.1
		2	3.12	3.05	3.19	197		
		3	3.70	3.63	3.77	65.6		
		4	4.20	4.13	4.27	56.4		
		5	4.43	4.36	4.50	55.6		
	2	1	3.56	3.49	3.63	133	95	
		2	4.11	4.03	4.17	191		
		3	4.52	4.45	4.59	56.9		
		4	5.35	5.28	5.42	41.1		
		5	5.41	5.34	5.48	55.5		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-VS Lab Sample ID: 460-62993-13

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 19:11 Date Analyzed (2): 09/17/2013 19:11

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	2.67	2.60	2.74	128	320	5.1
		2	3.13	3.05	3.19	436		
		3	3.70	3.63	3.77	287		
		4	4.20	4.13	4.27	375		
		5	4.43	4.36	4.50	375		
	2	1	3.57	3.49	3.63	145	340	
		2	4.11	4.03	4.17	407		
		3	4.52	4.45	4.59	317		
		4	5.35	5.28	5.42	364		
		5	5.41	5.34	5.48	452		
Aroclor 1260	1	2	6.27	6.21	6.35	53.0	53	15.2
		3	6.74	6.68	6.82	54.7		
		4	7.23	7.17	7.31	52.3		
	2	3	8.48	8.43	8.57	69.5	62	
		4	9.00	8.94	9.08	66.2		
		5	10.19	10.12	10.26	50.7		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-VD Lab Sample ID: 460-62993-19

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/18/2013 10:23 Date Analyzed (2): 09/18/2013 10:23

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	2.34	2.27	2.41	4380	11000	10.3
		2	2.67	2.60	2.74	12900		
		3	3.12	3.05	3.19	13500		
		4	3.26	3.20	3.34	11000		
		5	3.70	3.63	3.77	14100		
	2	1	3.09	3.02	3.16	5680	12000	
		2	3.56	3.49	3.63	15300		
		3	4.10	4.04	4.18	16100		
		4	4.28	4.21	4.35	12500		
Aroclor 1260	1	2	6.27	6.21	6.35	1560	1600	8.1
		3	6.74	6.68	6.82	1700		
		4	7.23	7.17	7.31	1610		
		5	8.60	8.54	8.68	1650		
	2	2	6.91	6.85	6.99	1720	1800	
		3	8.48	8.43	8.57	1850		
		4	9.00	8.94	9.08	1730		
		5	10.18	10.12	10.26	1770		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-WT Lab Sample ID: 460-62993-20

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/18/2013 10:39 Date Analyzed (2): 09/18/2013 10:39

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 1242	1	1	2.34	2.27	2.41	92400	100000	8.8
		2	2.67	2.60	2.74	102000		
		3	3.12	3.05	3.19	103000		
		4	3.26	3.20	3.34	107000		
		5	3.70	3.63	3.77	103000		
	2	1	3.09	3.02	3.16	106000	110000	
		2	3.56	3.49	3.63	110000		
		3	4.10	4.04	4.18	110000		
		4	4.27	4.21	4.35	111000		
		5	5.41	5.34	5.48	117000		
Aroclor 1260	1	2	6.27	6.21	6.35	11900	11000	7.4
		3	6.75	6.68	6.82	11400		
		4	7.23	7.17	7.31	10300		
		5	8.60	8.54	8.68	9650		
	2	2	6.91	6.85	6.99	13500	12000	
		3	8.48	8.43	8.57	11500		
		4	9.00	8.94	9.08	11400		
		5	10.18	10.12	10.26	10300		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-SI Lab Sample ID: 460-62993-21

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/18/2013 10:55 Date Analyzed (2): 09/18/2013 10:55

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 1242	1	1	2.34	2.27	2.41	24700	27000	9.1
		2	2.67	2.60	2.74	26500		
		3	3.12	3.05	3.19	27000		
		4	3.26	3.20	3.34	28100		
		5	3.70	3.63	3.77	27000		
	2	1	3.09	3.02	3.16	26400	29000	
		2	3.56	3.49	3.63	29100		
		3	4.10	4.04	4.18	29300		
		4	4.27	4.21	4.35	29800		
		5	5.41	5.34	5.48	31500		
Aroclor 1260	1	2	6.27	6.21	6.35	3290	3100	7.7
		3	6.74	6.68	6.82	3290		
		4	7.23	7.17	7.31	3000		
		5	8.60	8.54	8.68	2980		
	2	2	6.91	6.85	6.99	3880	3400	
		3	8.48	8.43	8.57	3330		
		4	9.00	8.94	9.08	3350		
		5	10.18	10.12	10.26	3010		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-VD Lab Sample ID: 460-62993-22

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 23:52 Date Analyzed (2): 09/17/2013 23:52

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	2.34	2.27	2.41	40.2	53	4.1
		2	2.67	2.60	2.74	47.3		
		4	3.26	3.20	3.34	62.4		
		5	3.70	3.63	3.77	62.6		
	2	1	3.09	3.02	3.16	45.1	55	
		2	3.56	3.49	3.63	49.2		
		4	4.28	4.21	4.35	77.0		
		5	5.41	5.34	5.48	50.1		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-WT Lab Sample ID: 460-62993-23

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/18/2013 00:08 Date Analyzed (2): 09/18/2013 00:08

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	2.34	2.27	2.41	66.8	79	1.8
		2	2.67	2.60	2.74	75.2		
		4	3.26	3.20	3.34	91.1		
		5	3.70	3.63	3.77	84.5		
	2	1	3.09	3.02	3.16	67.5	78	
		2	3.56	3.49	3.63	76.2		
		4	4.28	4.21	4.35	94.2		
		5	5.41	5.34	5.48	74.0		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-SI Lab Sample ID: 460-62993-24

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/18/2013 00:24 Date Analyzed (2): 09/18/2013 00:24

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.27	2.41	44.4	51	8.8
		2	2.67	2.60	2.74	51.9		
		4	3.27	3.20	3.34	62.5		
		5	3.70	3.63	3.77	46.2		
	2	1	3.09	3.02	3.16	52.9	56	
		2	3.56	3.49	3.63	55.0		
		4	4.27	4.21	4.35	74.3		
		5	5.41	5.34	5.48	41.6		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-WT Lab Sample ID: 460-62993-27

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/18/2013 11:45 Date Analyzed (2): 09/18/2013 11:45

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 1242	1	1	2.34	2.27	2.41	24600	30000	11.7
		2	2.67	2.60	2.74	30700		
		3	3.12	3.05	3.19	31100		
		4	3.26	3.20	3.34	31900		
		5	3.70	3.63	3.77	31700		
	2	1	3.09	3.02	3.16	28800	34000	
		2	3.56	3.49	3.63	34400		
		3	4.10	4.04	4.18	34800		
		4	4.28	4.21	4.35	35000		
		5	5.41	5.34	5.48	35700		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SI Lab Sample ID: 460-62993-28

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/18/2013 01:30 Date Analyzed (2): 09/18/2013 01:30

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	2.35	2.27	2.41	55.5	73	0.4
		2	2.67	2.60	2.74	66.4		
		4	3.27	3.20	3.34	90.4		
		5	3.70	3.63	3.77	81.4		
	2	1	3.09	3.02	3.16	62.4	74	
		2	3.56	3.49	3.63	68.7		
		4	4.28	4.21	4.35	105		
		5	5.41	5.34	5.48	58.6		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SD Lab Sample ID: 460-62993-29

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/18/2013 01:47 Date Analyzed (2): 09/18/2013 01:47

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.27	2.41	72.0	73	9.0
		2	2.67	2.60	2.74	78.8		
		4	3.26	3.20	3.34	80.3		
		5	3.70	3.63	3.77	62.5		
	2	1	3.09	3.02	3.16	82.4	80	
		2	3.56	3.49	3.63	79.9		
		4	4.28	4.21	4.35	93.2		
		5	5.41	5.34	5.48	65.8		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-VD Lab Sample ID: 460-62993-30

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/18/2013 02:02 Date Analyzed (2): 09/18/2013 02:02

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.27	2.41	101	120	1.2
		2	2.67	2.60	2.74	131		
		4	3.27	3.20	3.34	138		
		5	3.70	3.63	3.77	126		
	2	1	3.09	3.02	3.16	109	130	
		2	3.56	3.49	3.63	131		
		4	4.28	4.21	4.35	143		
		5	5.41	5.34	5.48	119		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-WT Lab Sample ID: 460-62993-31

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/18/2013 02:18 Date Analyzed (2): 09/18/2013 02:18

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.27	2.41	45.8	61	1.7
		2	2.67	2.60	2.74	60.9		
		4	3.27	3.20	3.34	72.9		
		5	3.70	3.63	3.77	66.3		
	2	1	3.09	3.02	3.16	52.1	60	
		2	3.56	3.49	3.63	58.3		
		4	4.28	4.21	4.35	82.2		
		5	5.41	5.34	5.48	49.1		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SI Lab Sample ID: 460-62993-32

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/18/2013 02:34 Date Analyzed (2): 09/18/2013 02:34

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	2.34	2.27	2.41	84.5	95	1.9
		2	2.67	2.60	2.74	95.8		
		4	3.26	3.20	3.34	109		
		5	3.70	3.63	3.77	90.1		
	2	1	3.09	3.02	3.16	86.8	93	
		2	3.56	3.49	3.63	95.7		
		4	4.27	4.21	4.35	115		
		5	5.41	5.34	5.48	74.9		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SD Lab Sample ID: 460-62993-33

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/18/2013 02:50 Date Analyzed (2): 09/18/2013 02:50

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	2.34	2.27	2.41	128	150	0.7
		2	2.67	2.60	2.74	152		
		4	3.27	3.20	3.34	166		
		5	3.70	3.63	3.77	139		
	2	1	3.09	3.02	3.16	134	150	
		2	3.56	3.49	3.63	151		
		4	4.27	4.21	4.35	175		
		5	5.41	5.34	5.48	122		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-VS Lab Sample ID: 460-62993-37

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/18/2013 03:55 Date Analyzed (2): 09/18/2013 03:55

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 1242	1	1	2.34	2.27	2.41	43.0	61	4.6
		2	2.67	2.60	2.74	55.4		
		3	3.12	3.05	3.19	88.7		
		4	3.27	3.20	3.34	60.8		
		5	3.70	3.63	3.77	59.2		
	2	1	3.09	3.02	3.16	49.1	64	
		2	3.56	3.49	3.63	53.6		
		3	4.10	4.04	4.18	87.2		
		4	4.27	4.21	4.35	68.4		
		5	5.41	5.34	5.48	63.4		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181488/2-A

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 09/18/2013 02:24 Date Analyzed (2): 09/18/2013 02:24

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	1.93	1.87	2.01	8.17	9.87	0.0
		2	2.36	2.30	2.44	10.3		
		3	2.94	2.89	3.03	10.0		
		4	3.12	3.07	3.21	10.4		
		5	3.80	3.74	3.88	10.5		
	2	1	2.80	2.74	2.88	8.63	9.16	
		2	3.43	3.38	3.52	9.68		
		3	4.27	4.21	4.35	8.96		
		4	5.34	5.29	5.43	9.65		
		5	5.55	5.50	5.64	8.89		
Aroclor 1260	1	1	5.82	5.76	5.90	10.3	9.50	0.0
		2	7.30	7.25	7.39	9.22		
		3	7.90	7.85	7.99	9.27		
		4	8.51	8.45	8.59	10.1		
		5	9.91	9.85	9.99	8.62		
	2	1	7.52	7.46	7.60	9.81	8.54	
		2	7.95	7.90	8.04	9.06		
		3	9.01	8.96	9.10	8.34		
		4	10.12	10.06	10.20	8.23		
		5	11.01	10.96	11.10	7.26		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-181488/3-A

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 09/18/2013 02:40 Date Analyzed (2): 09/18/2013 02:40

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	1.94	1.87	2.01	7.90	9.74	0.0
		2	2.37	2.30	2.44	10.0		
		3	2.95	2.89	3.03	9.82		
		4	3.14	3.07	3.21	10.4		
		5	3.81	3.74	3.88	10.6		
	2	1	2.80	2.74	2.88	8.34	8.86	
		2	3.43	3.38	3.52	9.36		
		3	4.27	4.21	4.35	8.69		
		4	5.34	5.29	5.43	9.42		
		5	5.55	5.50	5.64	8.51		
Aroclor 1260	1	1	5.82	5.76	5.90	10.1	9.29	0.0
		2	7.31	7.25	7.39	8.96		
		3	7.91	7.85	7.99	8.89		
		4	8.51	8.45	8.59	9.56		
		5	9.91	9.85	9.99	8.92		
	2	1	7.51	7.46	7.60	9.00	8.05	
		2	7.94	7.90	8.04	8.39		
		3	9.00	8.96	9.10	7.92		
		4	10.12	10.06	10.20	7.92		
		5	11.01	10.96	11.10	7.02		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181667/2-A

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 09/17/2013 08:57 Date Analyzed (2): 09/17/2013 08:57

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.05	1.97	2.11	329	377	3.5
		2	2.49	2.41	2.55	389		
		3	3.09	3.01	3.15	387		
		4	3.29	3.21	3.35	394		
		5	4.00	3.92	4.06	387		
	2	1	2.90	2.83	2.97	381	391	
		2	3.56	3.49	3.63	426		
		3	4.38	4.31	4.45	393		
		4	5.43	5.37	5.51	398		
		5	5.64	5.57	5.71	355		
Aroclor 1260	1	1	6.03	5.96	6.10	374	374	4.1
		2	7.56	7.48	7.62	376		
		3	8.20	8.12	8.26	382		
		4	8.83	8.76	8.90	367		
		5	10.13	10.06	10.20	372		
	2	1	7.60	7.53	7.67	393	390	
		2	8.03	7.97	8.11	380		
		3	9.77	9.70	9.84	418		
		4	10.16	10.10	10.24	382		
		5	11.00	10.94	11.08	375		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-63014-A-1-H MS

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 09/17/2013 09:54 Date Analyzed (2): 09/17/2013 09:54

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.05	1.97	2.11	293	318	8.8
		2	2.49	2.41	2.55	329		
		3	3.09	3.01	3.15	343		
		4	3.29	3.21	3.35	326		
		5	4.00	3.92	4.06	299		
	2	1	2.90	2.83	2.97	334	347	
		2	3.55	3.49	3.63	342		
		3	4.38	4.31	4.45	348		
		4	5.43	5.37	5.51	392		
		5	5.64	5.57	5.71	320		
Aroclor 1260	1	1	6.03	5.96	6.10	330	313	13.6
		2	7.56	7.48	7.62	322		
		3	8.20	8.12	8.26	316		
		4	8.84	8.76	8.90	288		
		5	10.13	10.06	10.20	309		
	2	1	7.60	7.53	7.67	297	359	
		2	8.03	7.97	8.11	304		
		3	9.77	9.70	9.84	465		
		4	10.16	10.10	10.24	369		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-63014-A-1-I MSD

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 09/17/2013 10:13 Date Analyzed (2): 09/17/2013 10:13

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	2.05	1.97	2.11	280	312	5.8
		2	2.49	2.41	2.55	325		
		3	3.09	3.01	3.15	333		
		4	3.29	3.21	3.35	331		
		5	4.00	3.92	4.06	288		
	2	1	2.90	2.83	2.97	327	330	
		2	3.56	3.49	3.63	359		
		3	4.38	4.31	4.45	346		
		4	5.44	5.37	5.51	331		
		5	5.64	5.57	5.71	288		
Aroclor 1260	1	1	6.03	5.96	6.10	306	309	24.6
		2	7.56	7.48	7.62	309		
		3	8.20	8.12	8.26	316		
		4	8.84	8.76	8.90	289		
		5	10.13	10.06	10.20	323		
	2	1	7.60	7.53	7.67	329	395	
		2	8.04	7.97	8.11	319		
		3	9.77	9.70	9.84	429		
		4	10.17	10.10	10.24	388		
		5	11.01	10.94	11.08	511		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181668/2-A

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 15:22 Date Analyzed (2): 09/17/2013 15:22

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	343	376	0.0
		2	2.67	2.60	2.74	387		
		3	3.12	3.05	3.19	382		
		4	3.27	3.20	3.34	384		
		5	3.70	3.63	3.77	384		
	2	1	3.09	3.02	3.16	372	377	
		2	3.56	3.50	3.64	390		
		3	4.11	4.04	4.18	386		
		4	4.87	4.80	4.94	389		
		5	5.03	4.96	5.10	349		
Aroclor 1260	1	1	5.11	5.05	5.19	384	368	0.0
		2	6.27	6.21	6.35	365		
		3	6.75	6.68	6.82	371		
		4	7.23	7.17	7.31	358		
		5	8.60	8.54	8.68	360		
	2	1	6.57	6.51	6.65	381	381	
		2	6.91	6.85	6.99	377		
		3	8.49	8.43	8.57	367		
		4	9.00	8.94	9.08	380		
		5	10.18	10.12	10.26	398		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181669/2-A

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 22:46 Date Analyzed (2): 09/17/2013 22:46

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 1016	1	1	2.33	2.27	2.41	303	332	0.7
		2	2.66	2.60	2.74	343		
		3	3.11	3.05	3.19	339		
		4	3.26	3.20	3.34	335		
		5	3.70	3.63	3.77	340		
	2	1	3.08	3.02	3.16	325	330	
		2	3.56	3.50	3.64	333		
		3	4.10	4.04	4.18	346		
		4	4.86	4.80	4.94	340		
		5	5.02	4.96	5.10	304		
Aroclor 1260	1	1	5.11	5.05	5.19	336	322	2.8
		2	6.27	6.21	6.35	318		
		3	6.74	6.68	6.82	322		
		4	7.23	7.17	7.31	306		
		5	8.60	8.54	8.68	329		
	2	1	6.57	6.51	6.65	334	331	
		2	6.91	6.85	6.99	330		
		3	8.48	8.43	8.57	319		
		4	9.00	8.94	9.08	330		
		5	10.18	10.12	10.26	343		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-VD Lab Sample ID: 460-62993-1

Matrix: Solid Lab File ID: OR208148.D

Analysis Method: 8082 Date Collected: 09/13/2013 08:20

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.01(g) Date Analyzed: 09/17/2013 14:49

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208148.D		
Lims ID:	460-62993-E-1-D	Client ID:	PMP-6SE-VD
Inject. Date:	17-Sep-2013 14:49:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-022		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	22
Lims Batch ID:	181786	Lims Sample ID:	22
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

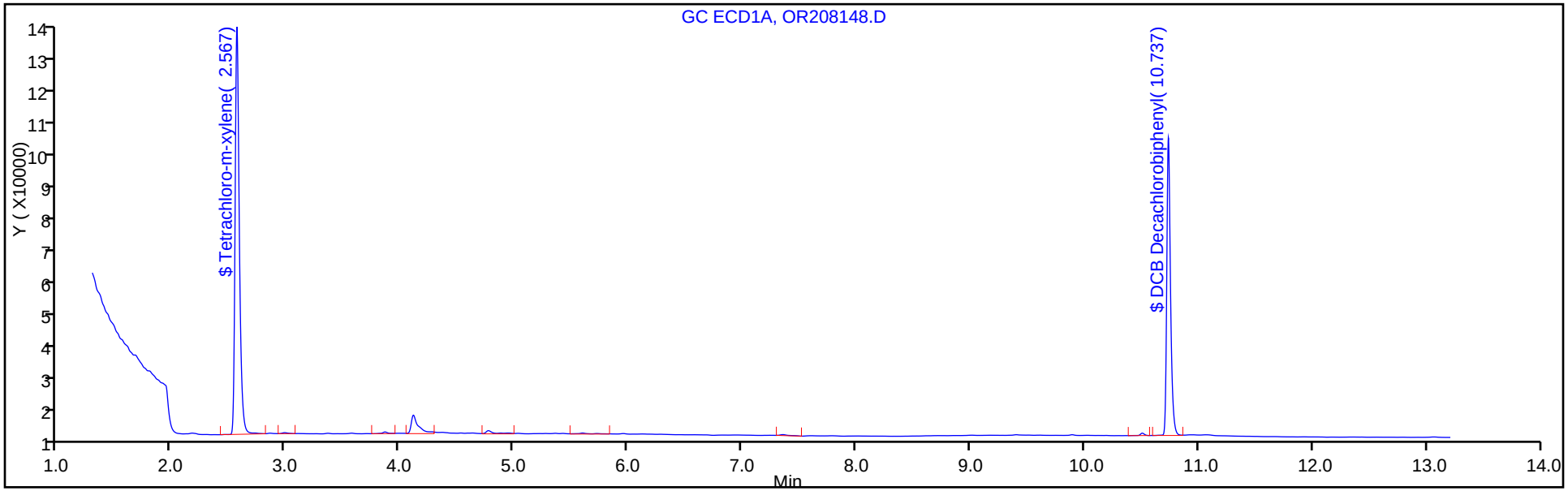
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.567	2.558	0.009	305324	44.3	
2	2.043	2.047	-0.004	351736	40.3	
					RPD = 9.44	
$ 5 DCB Decachlorobiphenyl						
1	10.737	10.710	0.027	196989	50.5	
2	9.367	9.377	-0.010	335848	47.6	
					RPD = 5.91	

Report Date: 18-Sep-2013 11:43:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

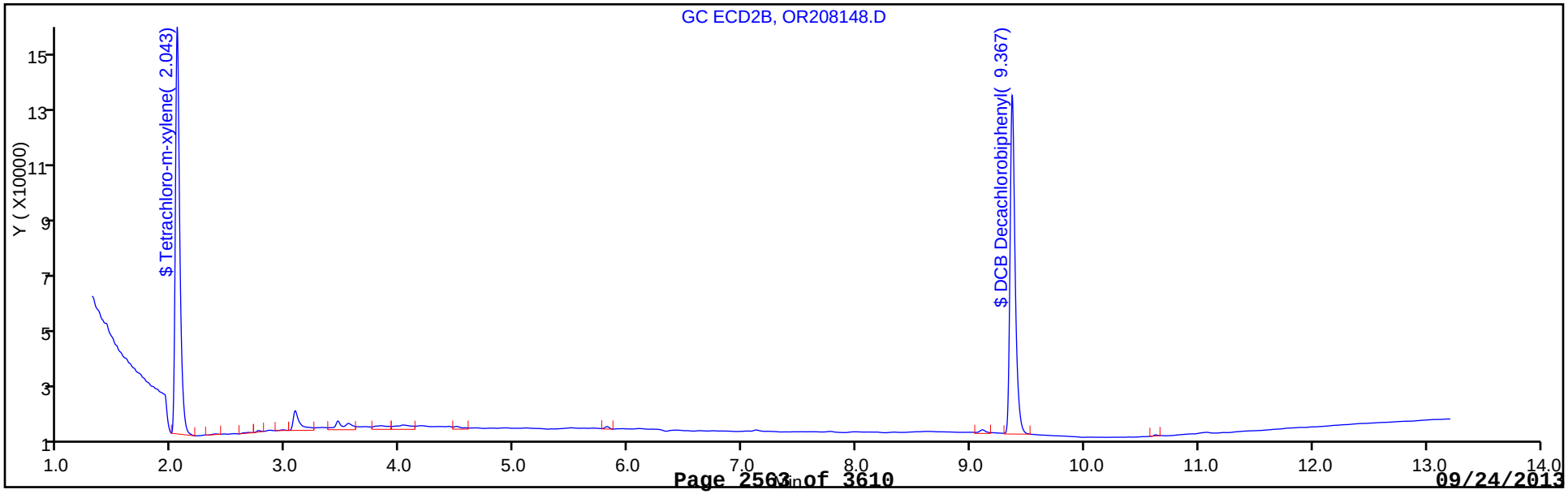
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208148.D		
Injection Date:	17-Sep-2013 14:49:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-6SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-VD Lab Sample ID: 460-62993-1

Matrix: Solid Lab File ID: OR208148.D

Analysis Method: 8082 Date Collected: 09/13/2013 08:20

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.01(g) Date Analyzed: 09/17/2013 14:49

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	71	16
11104-28-2	Aroclor 1221	16	U	71	16
11141-16-5	Aroclor 1232	16	U	71	16
53469-21-9	Aroclor 1242	16	U	71	16
12672-29-6	Aroclor 1248	16	U	71	16
11097-69-1	Aroclor 1254	20	U	71	20
11096-82-5	Aroclor 1260	20	U	71	20
37324-23-5	Aroclor 1262	20	U	71	20
11100-14-4	Aroclor 1268	20	U	71	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208148.D		
Lims ID:	460-62993-E-1-D	Client ID:	PMP-6SE-VD
Inject. Date:	17-Sep-2013 14:49:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-022		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	22
Lims Batch ID:	181786	Lims Sample ID:	22
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

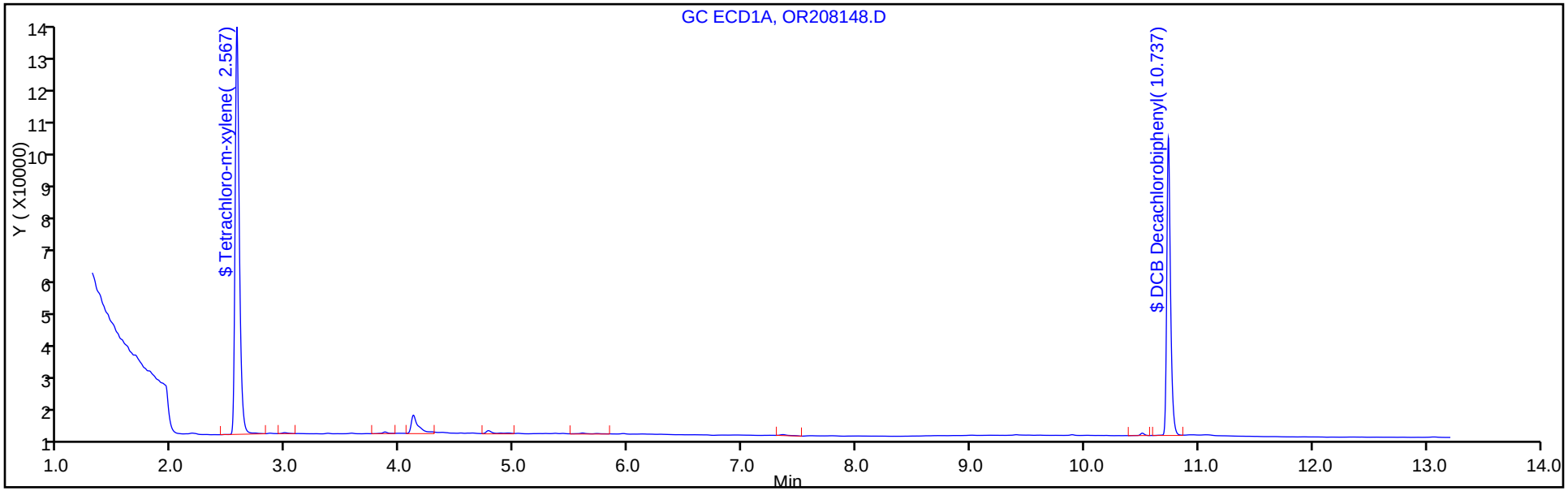
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.567	2.558	0.009	305324	44.3	
2	2.043	2.047	-0.004	351736	40.3	
					RPD = 9.44	
$ 5 DCB Decachlorobiphenyl						
1	10.737	10.710	0.027	196989	50.5	
2	9.367	9.377	-0.010	335848	47.6	
					RPD = 5.91	

Report Date: 18-Sep-2013 11:43:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

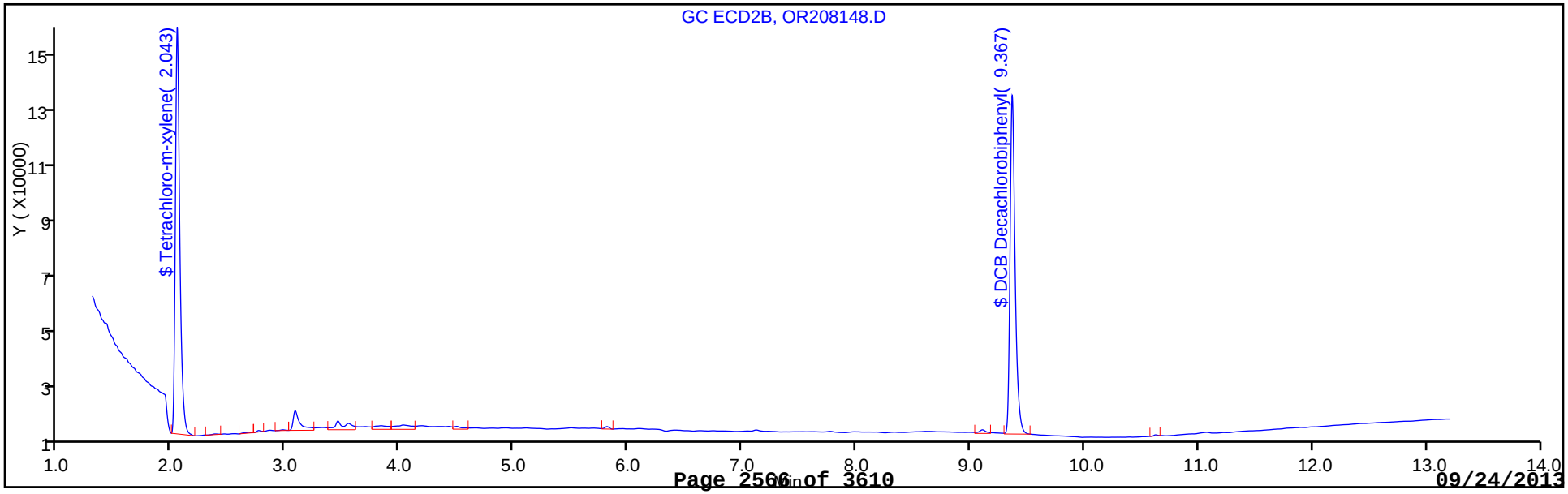
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208148.D		
Injection Date:	17-Sep-2013 14:49:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-6SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-WT | Lab Sample ID: 460-62993-2

Matrix: Solid | Lab File ID: OR208206.D

Analysis Method: 8082 | Date Collected: 09/13/2013 08:25

Extraction Method: 3546 | Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/18/2013 08:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 25

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	38000		1900	420

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208206.D		
Lims ID:	460-62993-E-2-D	Client ID:	PMP-6SE-WT
Inject. Date:	18-Sep-2013 08:44:30	Dil. Factor:	25.0000
Sample Type:	Client		
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	181943	Lims Sample ID:	3
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\8082GC7.m		
Last Update:	18-Sep-2013 15:15:20	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 09:39:53

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.100	3.088	0.012	275372	1874.6	
1	3.573	3.562	0.011	612088	2122.1	M
1	4.117	4.105	0.012	1117469	2111.3	
1	4.288	4.277	0.011	456347	2025.1	
1	5.422	5.412	0.010	486340	2239.0	M
		Average of Peak Amounts =			2074.4	
2	2.338	2.343	-0.005	366562	1693.8	
2	2.665	2.670	-0.005	592247	1812.0	
2	3.118	3.123	-0.005	1370949	1877.5	
2	3.260	3.265	-0.005	528916	1977.5	M
2	3.698	3.703	-0.005	581813	1935.1	M
		Average of Peak Amounts =			1859.2	
					RPD = 10.94	

QC Flag Legend

Review Flags
M - Manually Integrated

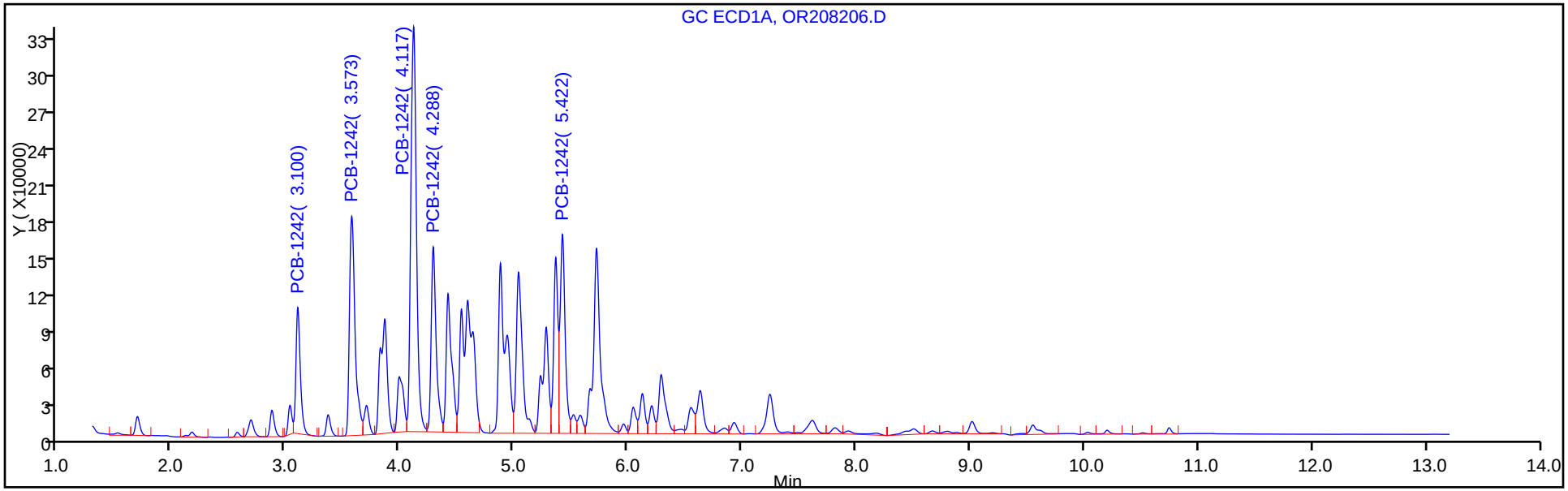
Report Date: 18-Sep-2013 15:15:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

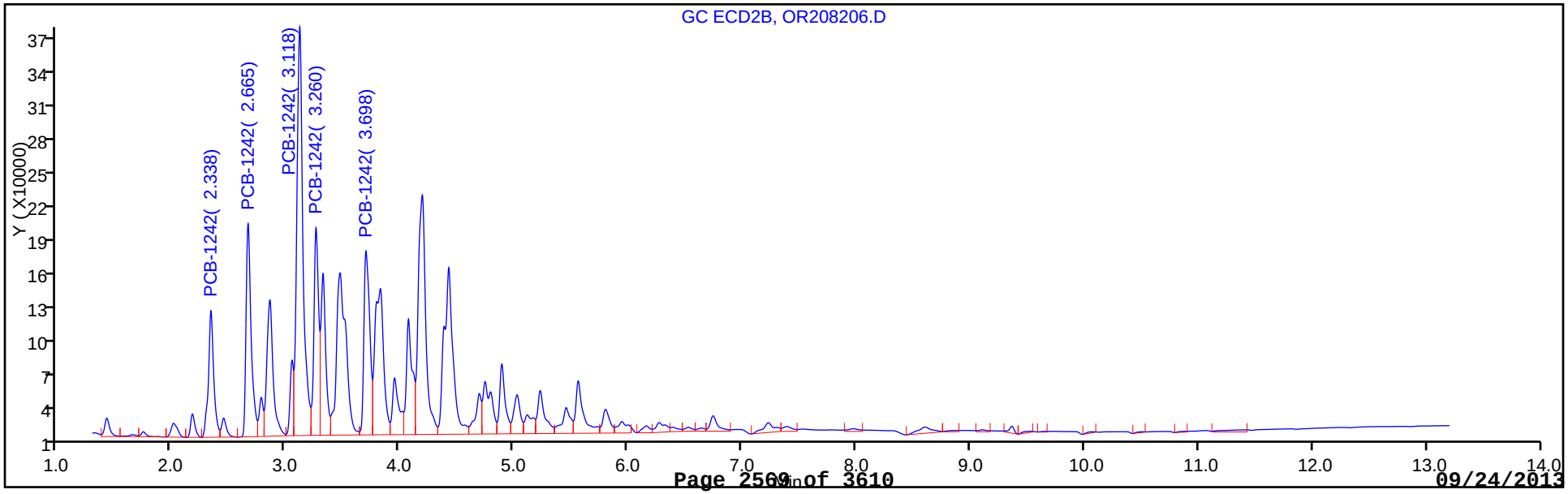
Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208206.D

Injection Date:	18-Sep-2013 08:44:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-6SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



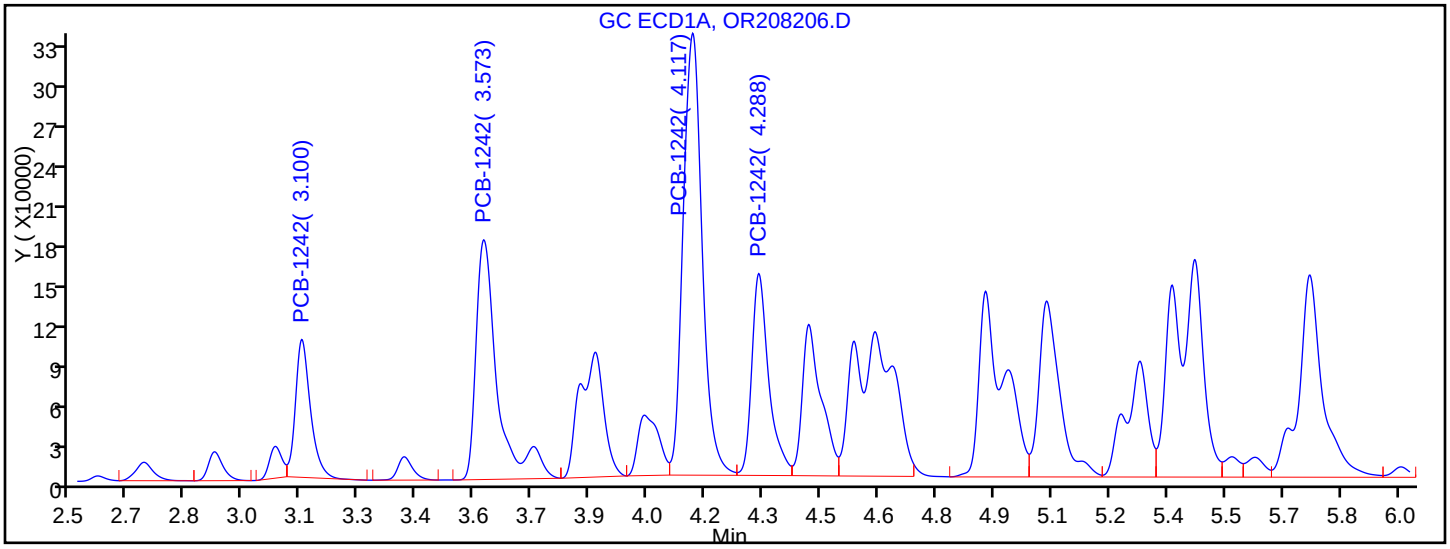
Report Date: 18-Sep-2013 15:15:24 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208206.D

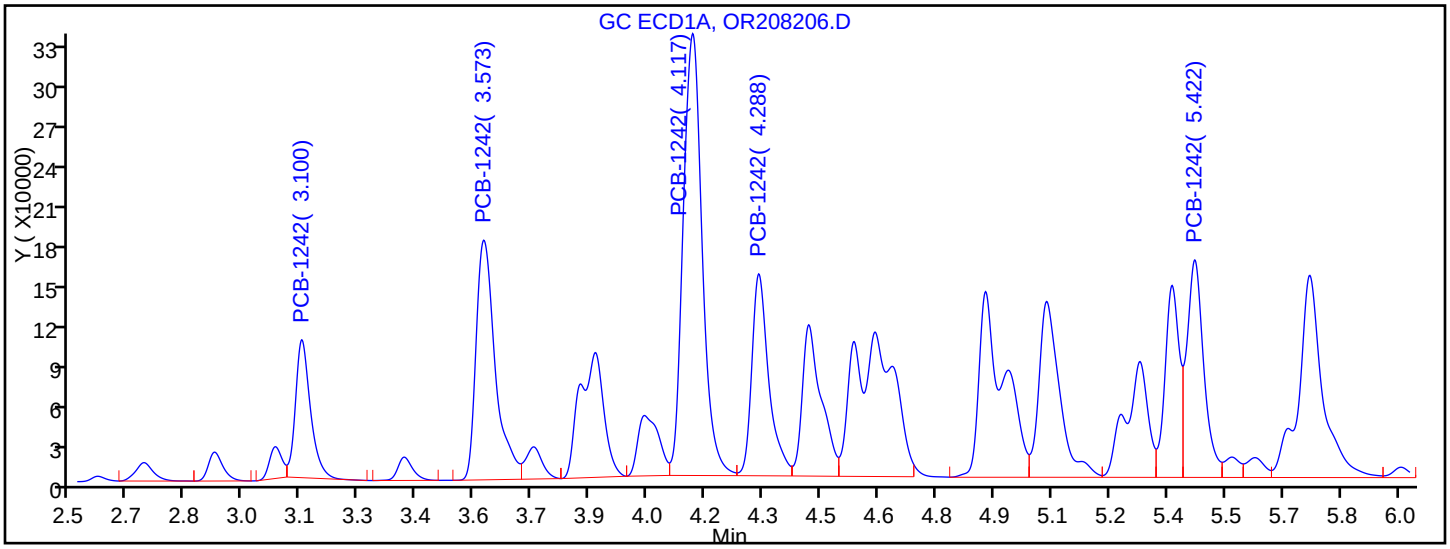
Injection Date:	18-Sep-2013 08:44:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-6SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.100	Response = 275372	
RT = 3.573	Response = 681660	M
RT = 4.117	Response = 1117469	
RT = 4.288	Response = 456347	
RT = 5.363	Response = 853702	M



Manual Integration Results

RT = 3.100	Response = 275372	
RT = 3.573	Response = 612088	M
RT = 4.117	Response = 1117469	
RT = 4.288	Response = 456347	
RT = 5.422	Response = 486340	M

Reviewer: patelji, 18-Sep-2013 11:57:15

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-WT Lab Sample ID: 460-62993-2

Matrix: Solid Lab File ID: OR208206.D

Analysis Method: 8082 Date Collected: 09/13/2013 08:25

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.02(g) Date Analyzed: 09/18/2013 08:44

Con. Extract Vol.: 10(mL) Dilution Factor: 25

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	420	U	1900	420
11104-28-2	Aroclor 1221	420	U	1900	420
11141-16-5	Aroclor 1232	420	U	1900	420
12672-29-6	Aroclor 1248	420	U	1900	420
11097-69-1	Aroclor 1254	530	U	1900	530
11096-82-5	Aroclor 1260	530	U	1900	530
37324-23-5	Aroclor 1262	530	U	1900	530
11100-14-4	Aroclor 1268	530	U	1900	530

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208206.D		
Lims ID:	460-62993-E-2-D	Client ID:	PMP-6SE-WT
Inject. Date:	18-Sep-2013 08:44:30	Dil. Factor:	25.0000
Sample Type:	Client		
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	181943	Lims Sample ID:	3
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\8082GC7.m		
Last Update:	18-Sep-2013 15:15:20	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 09:39:53

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.100	3.088	0.012	275372	1874.6	
1	3.573	3.562	0.011	612088	2122.1	M
1	4.117	4.105	0.012	1117469	2111.3	
1	4.288	4.277	0.011	456347	2025.1	
1	5.422	5.412	0.010	486340	2239.0	M
		Average of Peak Amounts =			2074.4	
2	2.338	2.343	-0.005	366562	1693.8	
2	2.665	2.670	-0.005	592247	1812.0	
2	3.118	3.123	-0.005	1370949	1877.5	
2	3.260	3.265	-0.005	528916	1977.5	M
2	3.698	3.703	-0.005	581813	1935.1	M
		Average of Peak Amounts =			1859.2	
					RPD = 10.94	

QC Flag Legend

Review Flags
M - Manually Integrated

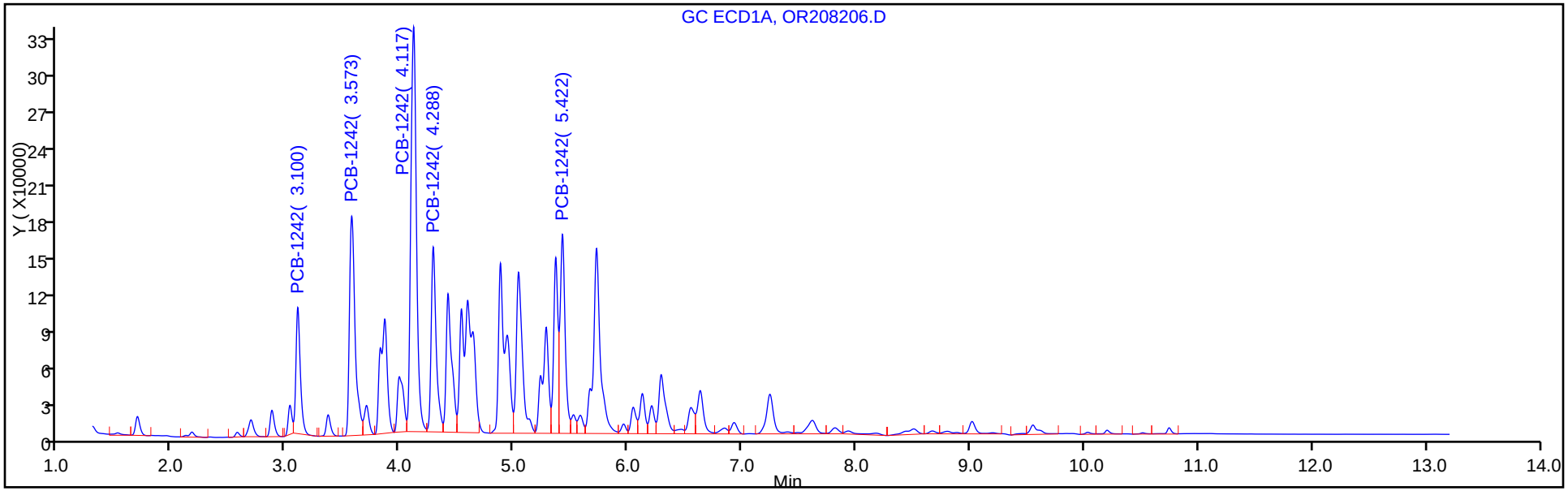
Report Date: 18-Sep-2013 15:15:24 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

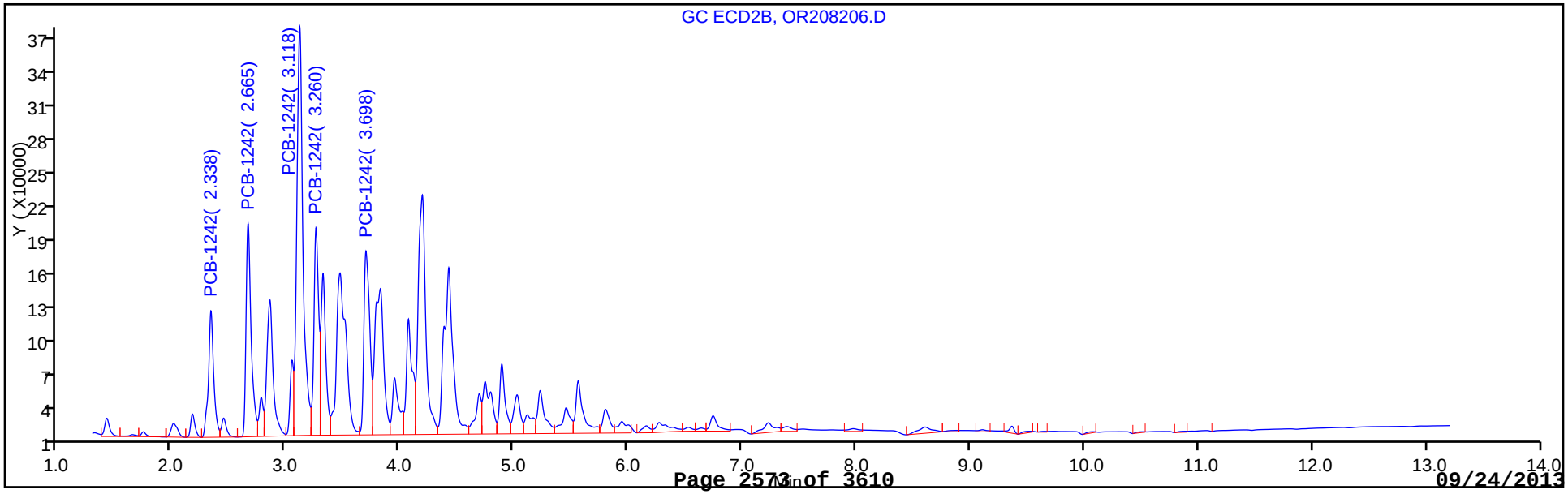
Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208206.D

Injection Date:	18-Sep-2013 08:44:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-6SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



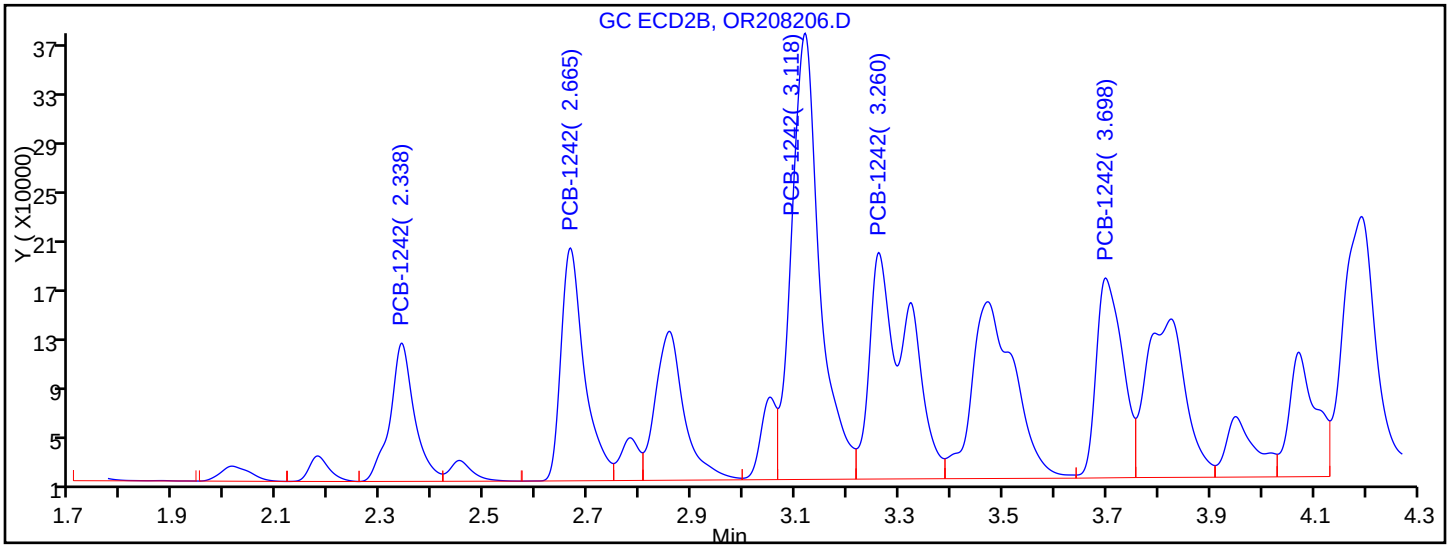
Report Date: 18-Sep-2013 15:15:24 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208206.D

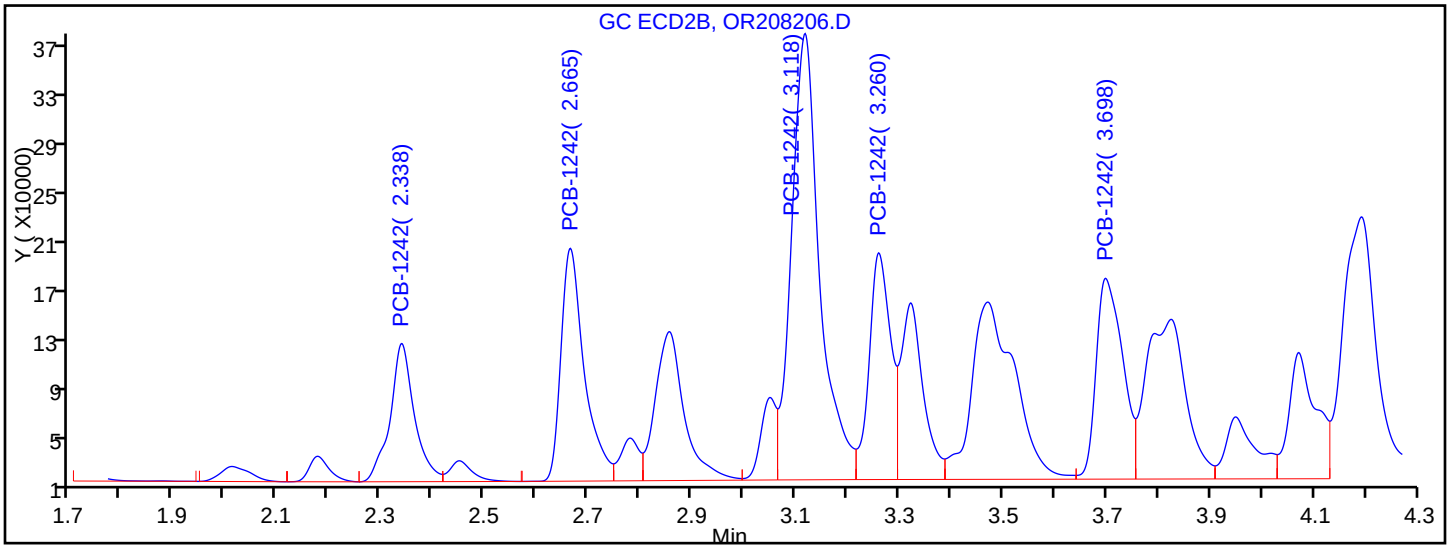
Injection Date:	18-Sep-2013 08:44:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-6SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.338	Response = 366562	
RT = 2.665	Response = 592247	
RT = 3.118	Response = 1370949	
RT = 3.260	Response = 952832	M
RT = 3.698	Response = 576532	M



Manual Integration Results

RT = 2.338	Response = 366562	
RT = 2.665	Response = 592247	
RT = 3.118	Response = 1370949	
RT = 3.260	Response = 528916	M
RT = 3.698	Response = 581813	M

Reviewer: patelji, 18-Sep-2013 11:57:15

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-SI Lab Sample ID: 460-62993-3

Matrix: Solid Lab File ID: OR208207.D

Analysis Method: 8082 Date Collected: 09/13/2013 08:30

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 09:01

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	18000		780	170

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208207.D		
Lims ID:	460-62993-E-3-B	Client ID:	PMP-6SE-SI
Inject. Date:	18-Sep-2013 09:01:30	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	181943	Lims Sample ID:	4
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\8082GC7.m		
Last Update:	18-Sep-2013 15:15:20	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:58:12

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.092	3.088	0.004	338624	2305.2	M
1	3.563	3.562	0.001	667752	2315.1	M
1	4.107	4.105	0.002	1216376	2298.1	
1	4.278	4.277	0.001	498454	2211.9	
1	5.412	5.412	0.0	513023	2361.8	M
		Average of Peak Amounts =			2298.4	
2	2.342	2.343	-0.001	409059	1890.2	
2	2.667	2.670	-0.003	648299	1983.5	
2	3.120	3.123	-0.003	1493575	2045.5	M
2	3.263	3.265	-0.002	570764	2133.9	M
2	3.700	3.703	-0.003	613234	2039.6	
		Average of Peak Amounts =			2018.5	
					RPD = 12.97	

QC Flag Legend

Review Flags
M - Manually Integrated

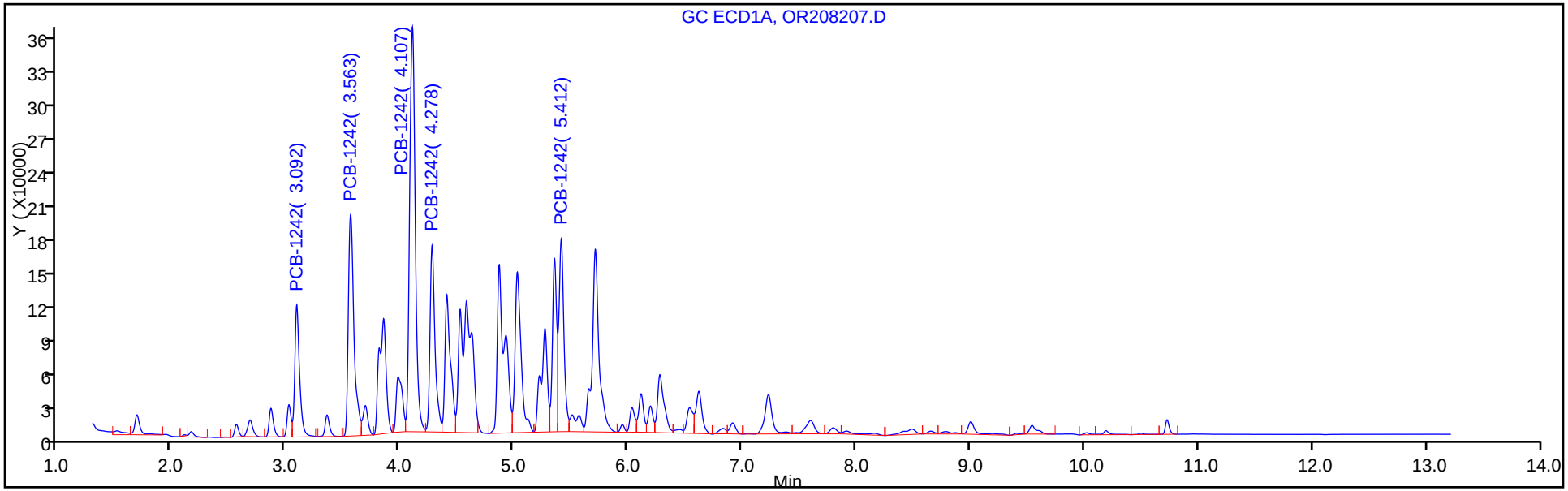
Report Date: 18-Sep-2013 15:15:25 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

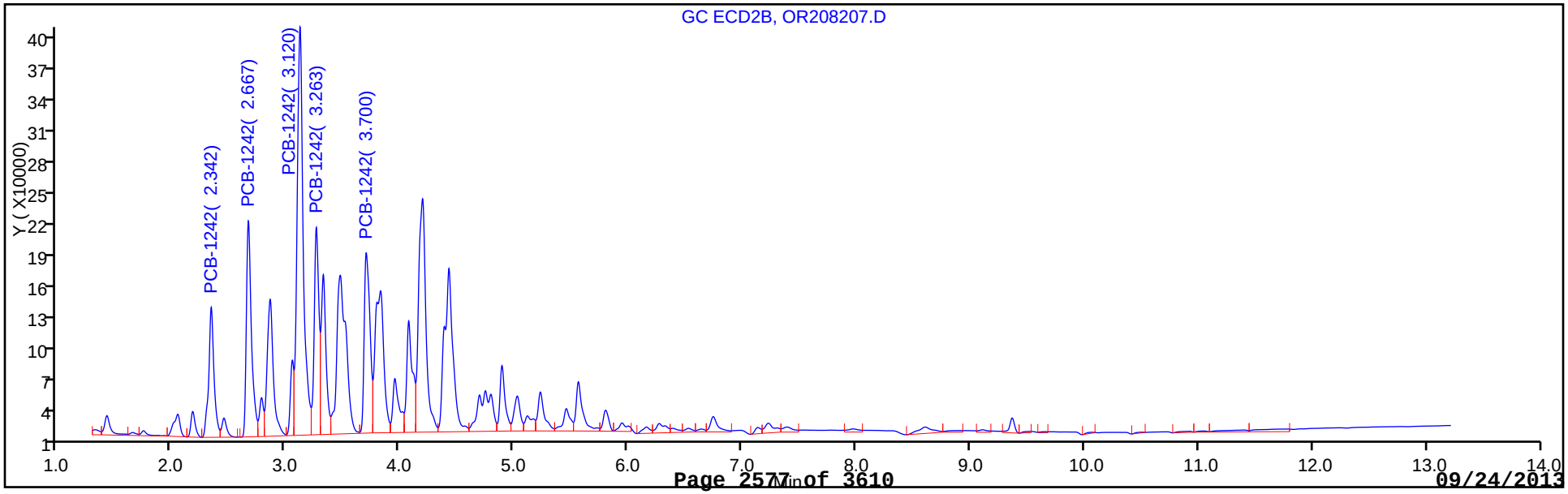
Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208207.D

Injection Date:	18-Sep-2013 09:01:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-6SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



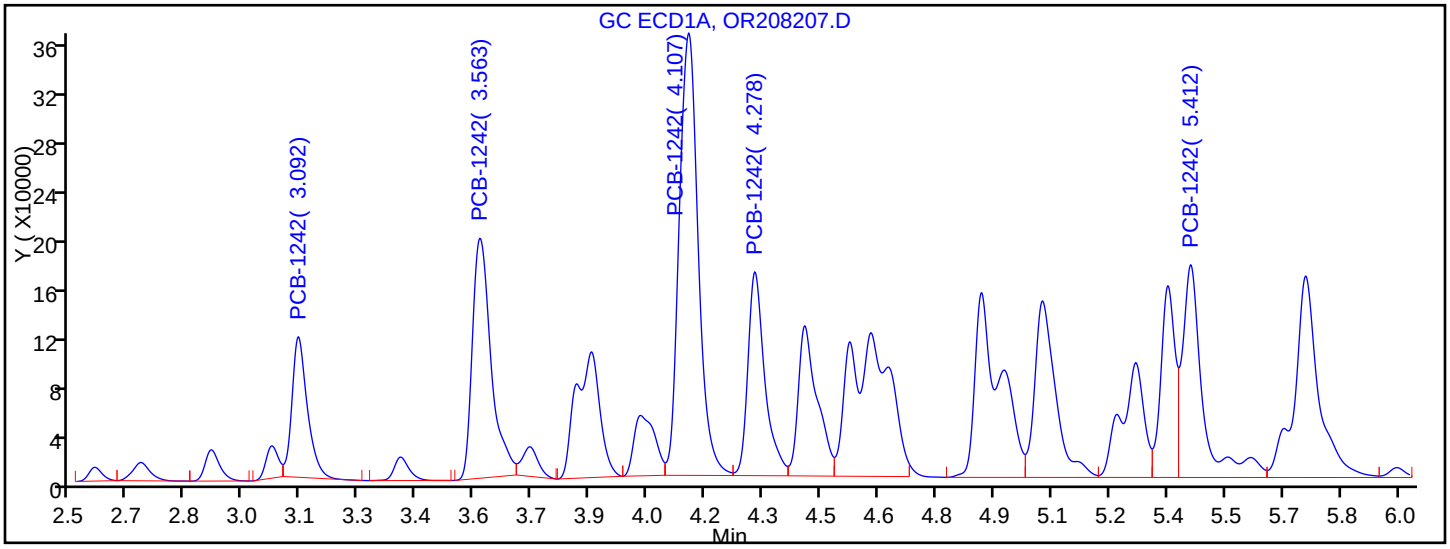
Report Date: 18-Sep-2013 15:15:25 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208207.D

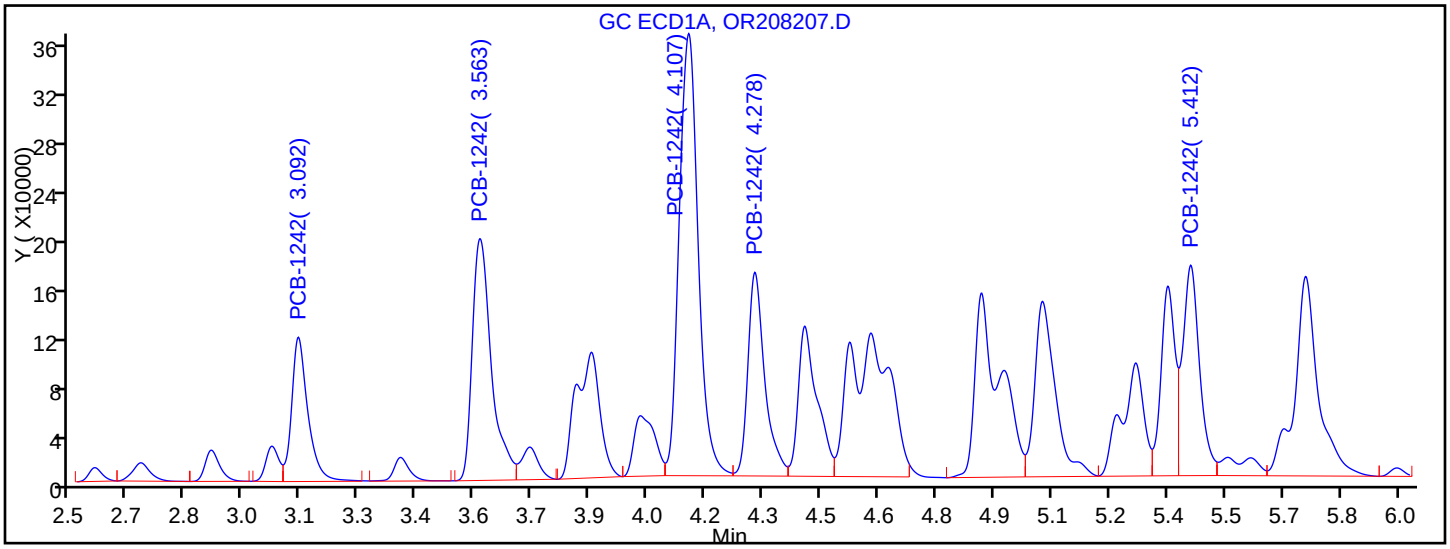
Injection Date:	18-Sep-2013 09:01:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-6SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.092	Response = 313489	M
RT = 3.563	Response = 650093	M
RT = 4.107	Response = 1216376	
RT = 4.278	Response = 498454	
RT = 5.412	Response = 622942	M



Manual Integration Results

RT = 3.092	Response = 338624	M
RT = 3.563	Response = 667752	M
RT = 4.107	Response = 1216376	
RT = 4.278	Response = 498454	
RT = 5.412	Response = 513023	M

Reviewer: patelji, 18-Sep-2013 11:58:12

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-SI | Lab Sample ID: 460-62993-3

Matrix: Solid | Lab File ID: OR208207.D

Analysis Method: 8082 | Date Collected: 09/13/2013 08:30

Extraction Method: 3546 | Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2013 09:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	170	U	780	170
11104-28-2	Aroclor 1221	170	U	780	170
11141-16-5	Aroclor 1232	170	U	780	170
12672-29-6	Aroclor 1248	170	U	780	170
11097-69-1	Aroclor 1254	220	U	780	220
11096-82-5	Aroclor 1260	220	U	780	220
37324-23-5	Aroclor 1262	220	U	780	220
11100-14-4	Aroclor 1268	220	U	780	220

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208207.D		
Lims ID:	460-62993-E-3-B	Client ID:	PMP-6SE-SI
Inject. Date:	18-Sep-2013 09:01:30	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	181943	Lims Sample ID:	4
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\8082GC7.m		
Last Update:	18-Sep-2013 15:15:20	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:58:12

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.092	3.088	0.004	338624	2305.2	M
1	3.563	3.562	0.001	667752	2315.1	M
1	4.107	4.105	0.002	1216376	2298.1	
1	4.278	4.277	0.001	498454	2211.9	
1	5.412	5.412	0.0	513023	2361.8	M
		Average of Peak Amounts =			2298.4	
2	2.342	2.343	-0.001	409059	1890.2	
2	2.667	2.670	-0.003	648299	1983.5	
2	3.120	3.123	-0.003	1493575	2045.5	M
2	3.263	3.265	-0.002	570764	2133.9	M
2	3.700	3.703	-0.003	613234	2039.6	
		Average of Peak Amounts =			2018.5	
					RPD = 12.97	

QC Flag Legend

Review Flags
M - Manually Integrated

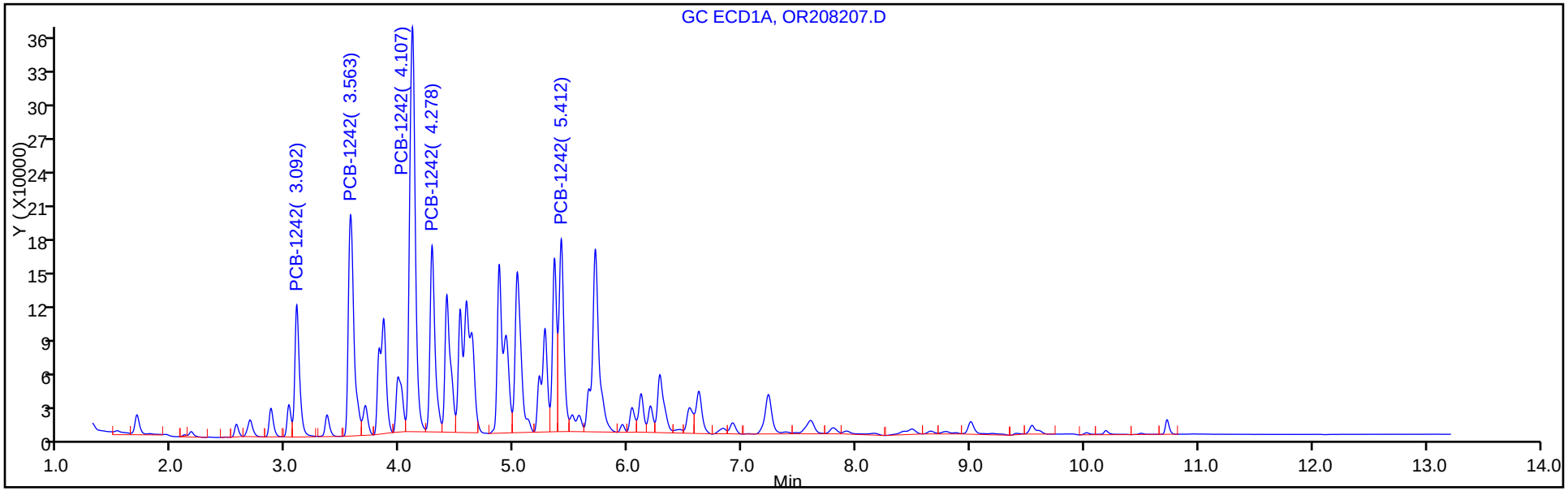
Report Date: 18-Sep-2013 15:15:26 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208207.D

Injection Date:	18-Sep-2013 09:01:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-6SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



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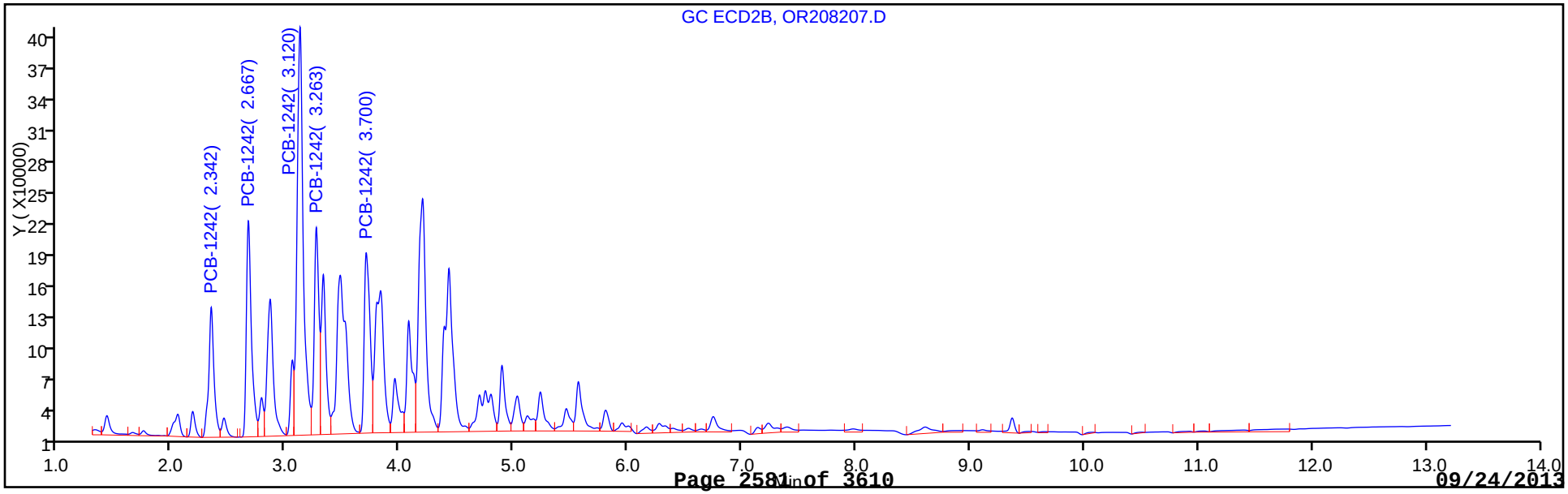


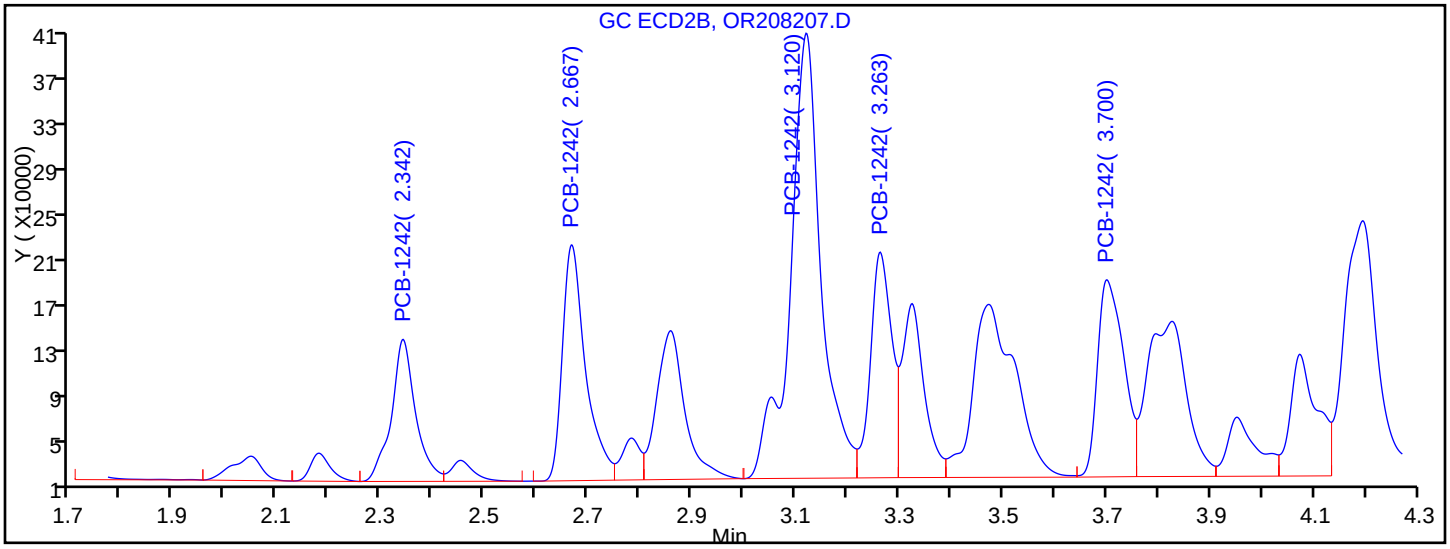
Report Date: 18-Sep-2013 15:15:26 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208207.D

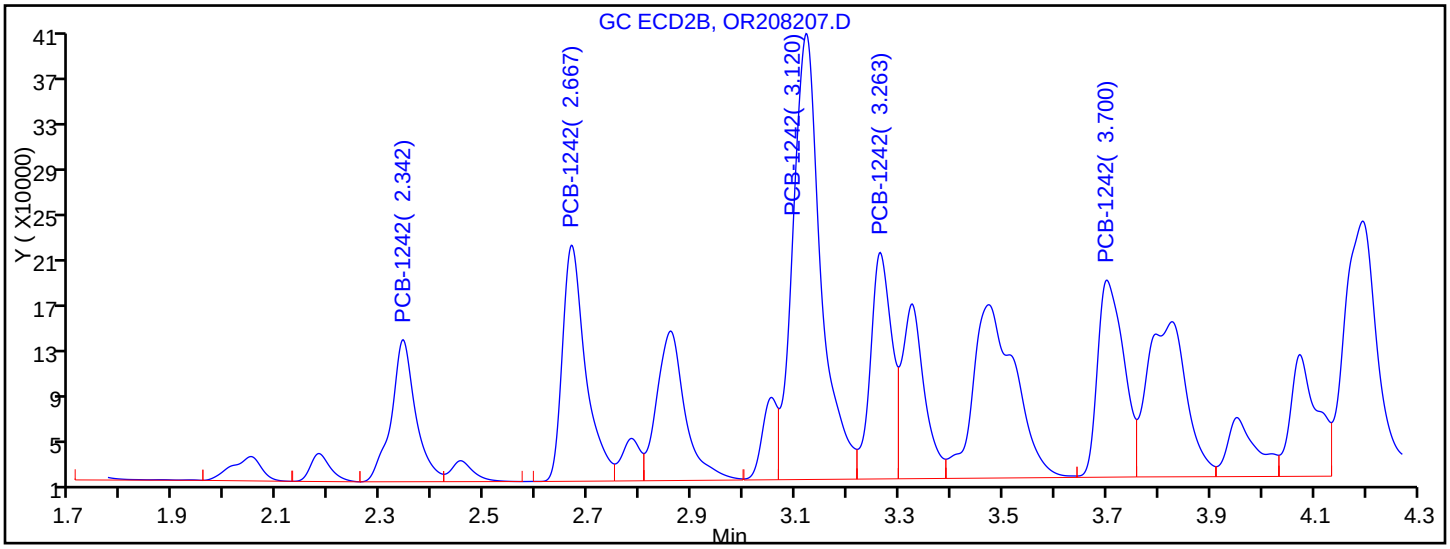
Injection Date:	18-Sep-2013 09:01:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-6SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.342	Response = 409059	
RT = 2.667	Response = 648299	
RT = 3.120	Response = 1627691	M
RT = 3.263	Response = 567162	M
RT = 3.700	Response = 613234	



Manual Integration Results

RT = 2.342	Response = 409059	
RT = 2.667	Response = 648299	
RT = 3.120	Response = 1493575	M
RT = 3.263	Response = 570764	M
RT = 3.700	Response = 613234	

Reviewer: patelji, 18-Sep-2013 11:58:12

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-VD Lab Sample ID: 460-62993-4

Matrix: Solid Lab File ID: OR208155.D

Analysis Method: 8082 Date Collected: 09/13/2013 08:35

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.03(g) Date Analyzed: 09/17/2013 16:44

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208155.D		
Lims ID:	460-62993-E-4-B	Client ID:	PMP-5SE-VD
Inject. Date:	17-Sep-2013 16:44:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-029		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	29
Lims Batch ID:	181786	Lims Sample ID:	29
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 17-Sep-2013 17:15:10

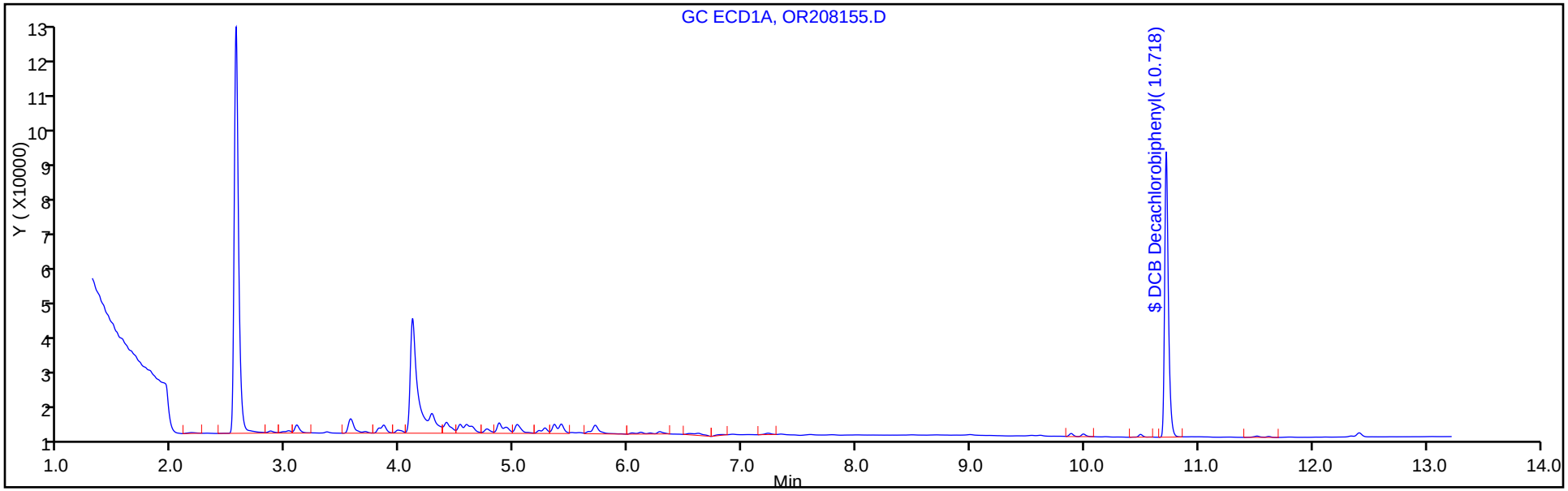
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.718	10.710	0.008	188207	48.3	
2	9.370	9.377	-0.007	325255	46.1	
					RPD = 4.55	

Report Date: 18-Sep-2013 11:44:19 Chrom Revision: 2.1 25-Jul-2013 20:19:50

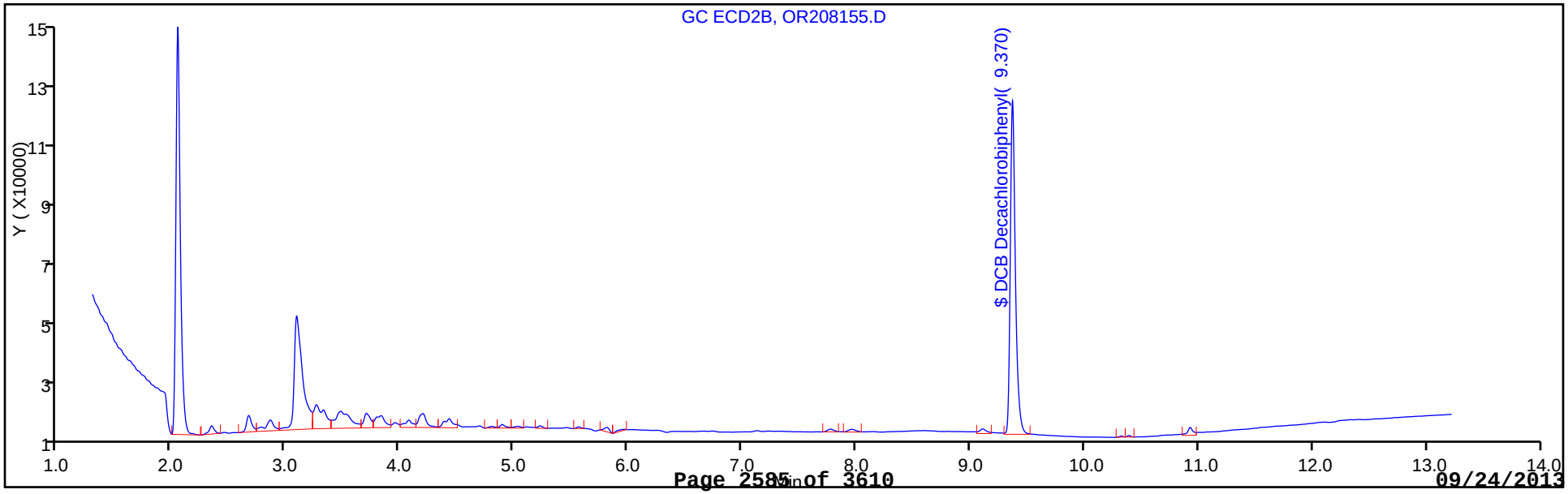
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208155.D		
Injection Date:	17-Sep-2013 16:44:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-5SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-VD Lab Sample ID: 460-62993-4

Matrix: Solid Lab File ID: OR208155.D

Analysis Method: 8082 Date Collected: 09/13/2013 08:35

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.03(g) Date Analyzed: 09/17/2013 16:44

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	70	16
11104-28-2	Aroclor 1221	16	U	70	16
11141-16-5	Aroclor 1232	16	U	70	16
53469-21-9	Aroclor 1242	16	U	70	16
12672-29-6	Aroclor 1248	16	U	70	16
11097-69-1	Aroclor 1254	20	U	70	20
11096-82-5	Aroclor 1260	20	U	70	20
37324-23-5	Aroclor 1262	20	U	70	20
11100-14-4	Aroclor 1268	20	U	70	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208155.D		
Lims ID:	460-62993-E-4-B	Client ID:	PMP-5SE-VD
Inject. Date:	17-Sep-2013 16:44:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-029		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	29
Lims Batch ID:	181786	Lims Sample ID:	29
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 17-Sep-2013 17:15:10

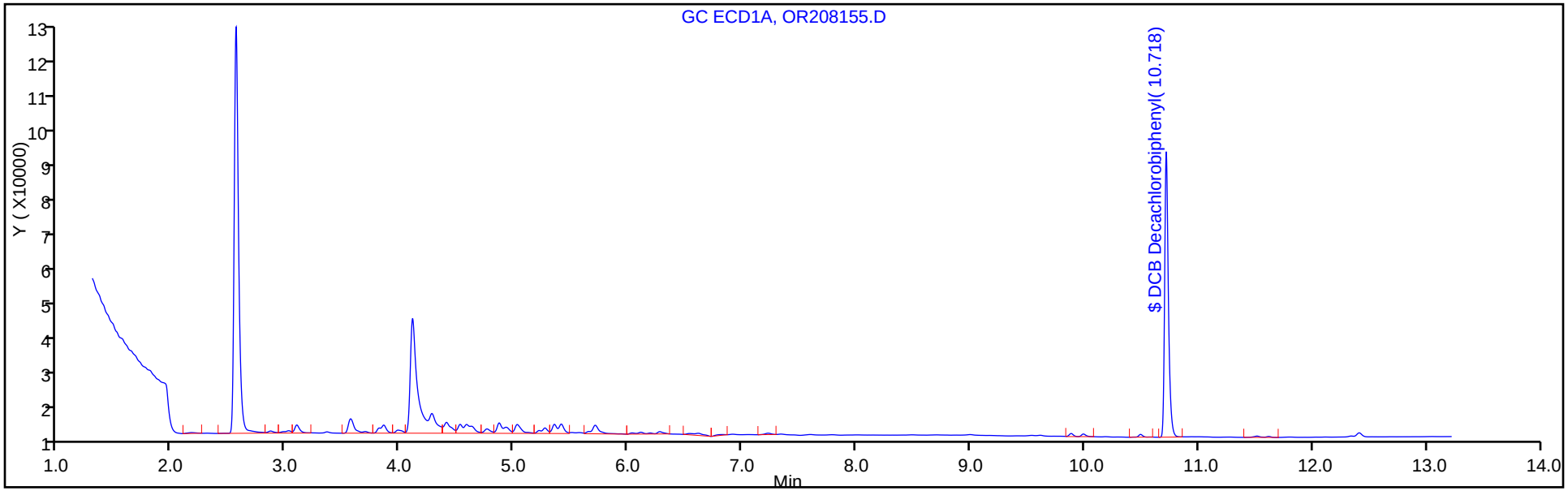
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.718	10.710	0.008	188207	48.3	
2	9.370	9.377	-0.007	325255	46.1	
					RPD = 4.55	

Report Date: 18-Sep-2013 11:44:19 Chrom Revision: 2.1 25-Jul-2013 20:19:50

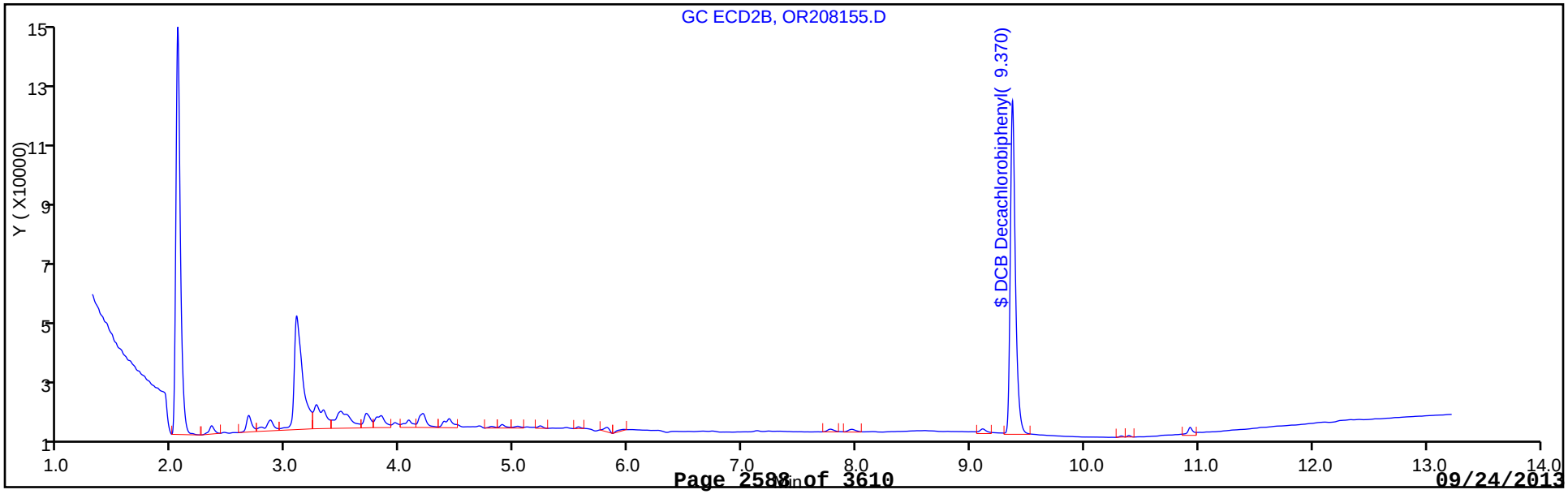
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208155.D		
Injection Date:	17-Sep-2013 16:44:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-5SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-WT Lab Sample ID: 460-62993-5

Matrix: Solid Lab File ID: OR208208.D

Analysis Method: 8082 Date Collected: 09/13/2013 08:40

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 09:17

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	21000		1500	330
11096-82-5	Aroclor 1260	4800		1500	420

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208208.D
Lims ID: 460-62993-E-5-B Client ID: PMP-5SE-WT
Inject. Date: 18-Sep-2013 09:17:30 Dil. Factor: 20.0000
Sample Type: Client
Sample ID:
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 181943 Lims Sample ID: 5
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\8082GC7.m
Last Update: 18-Sep-2013 15:15:20 Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji Date: 18-Sep-2013 11:59:14

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.088	3.088	0.0	191530	1303.9	
1	3.560	3.562	-0.002	412508	1430.2	
1	4.103	4.105	-0.002	778281	1470.4	
1	4.275	4.277	-0.002	309277	1372.4	
1	5.407	5.412	-0.005	354824	1633.5	M
		Average of Peak Amounts =			1442.1	
2	2.342	2.343	-0.001	262834	1214.5	
2	2.668	2.670	-0.002	417269	1276.6	
2	3.122	3.123	-0.001	969294	1327.5	M
2	3.263	3.265	-0.002	379334	1418.2	
2	3.702	3.703	-0.001	413417	1375.0	
		Average of Peak Amounts =			1322.4	
				RPD =	8.66	
10 PCB-1260						
1	0.0	6.575	-6.575	0	0	
1	6.908	6.920	-0.012	133801	311.2	
1	8.482	8.497	-0.015	133684	332.1	
1	8.998	9.007	-0.009	228434	337.0	M
1	10.183	10.185	-0.002	52844	333.0	M
		Average of Peak Amounts =			328.3	
2	5.113	5.118	-0.005	166984	385.5	
2	6.270	6.277	-0.007	113828	280.8	
2	6.743	6.752	-0.009	305312	316.5	
2	7.228	7.238	-0.010	151293	304.5	M
2	8.603	8.613	-0.010	92438	304.8	M
		Average of Peak Amounts =			318.4	
				RPD =	3.05	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags

QC Flag Legend

Review Flags
M - Manually Integrated

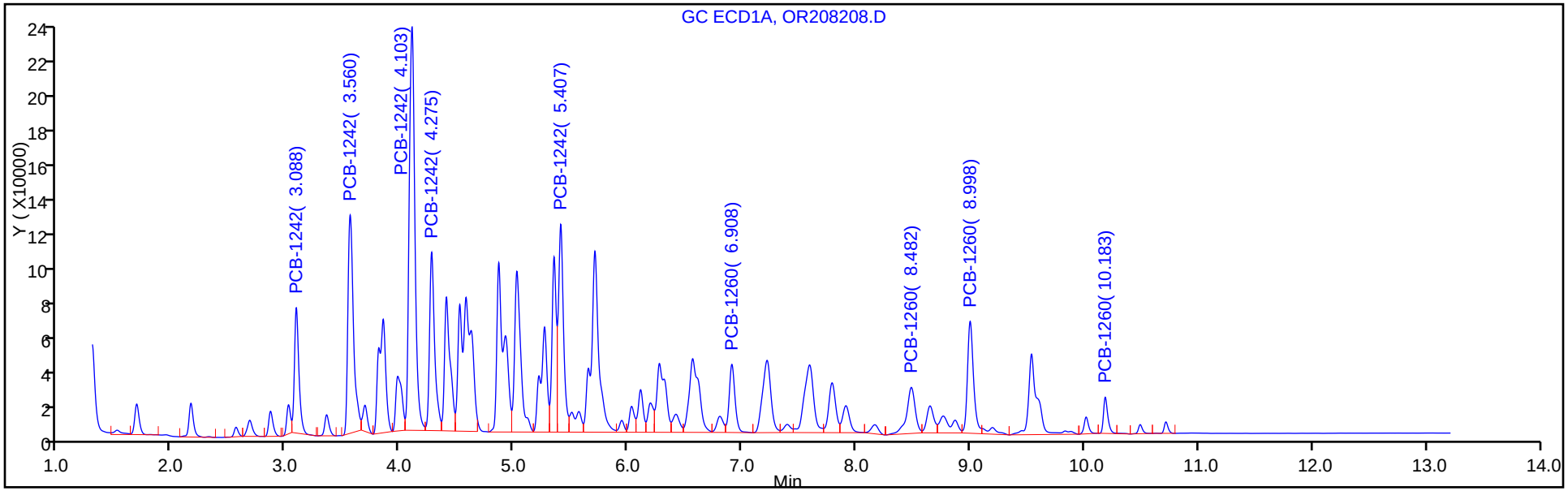
Report Date: 18-Sep-2013 15:15:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208208.D

Injection Date:	18-Sep-2013 09:17:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-5SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



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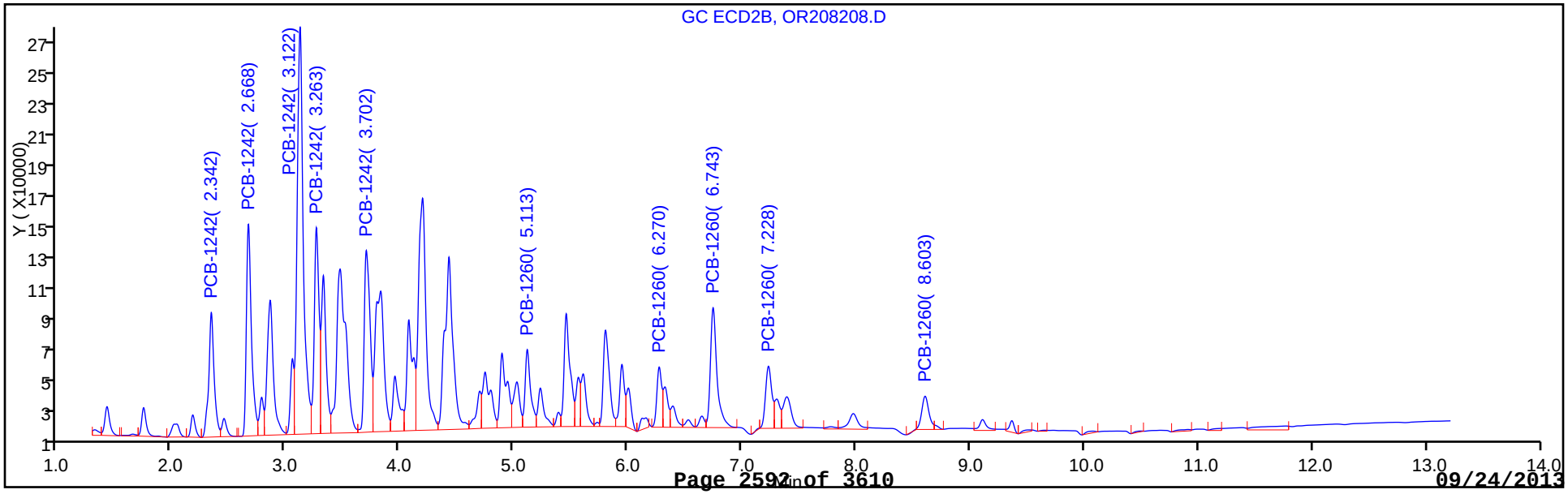


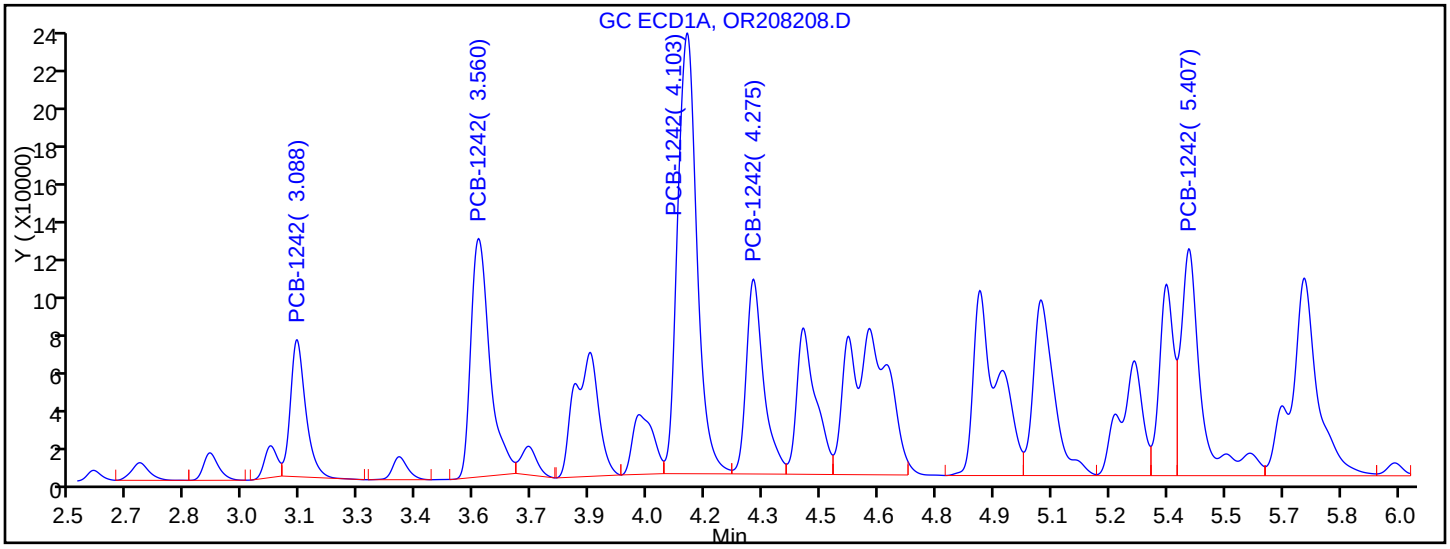
Report Date: 18-Sep-2013 15:15:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208208.D

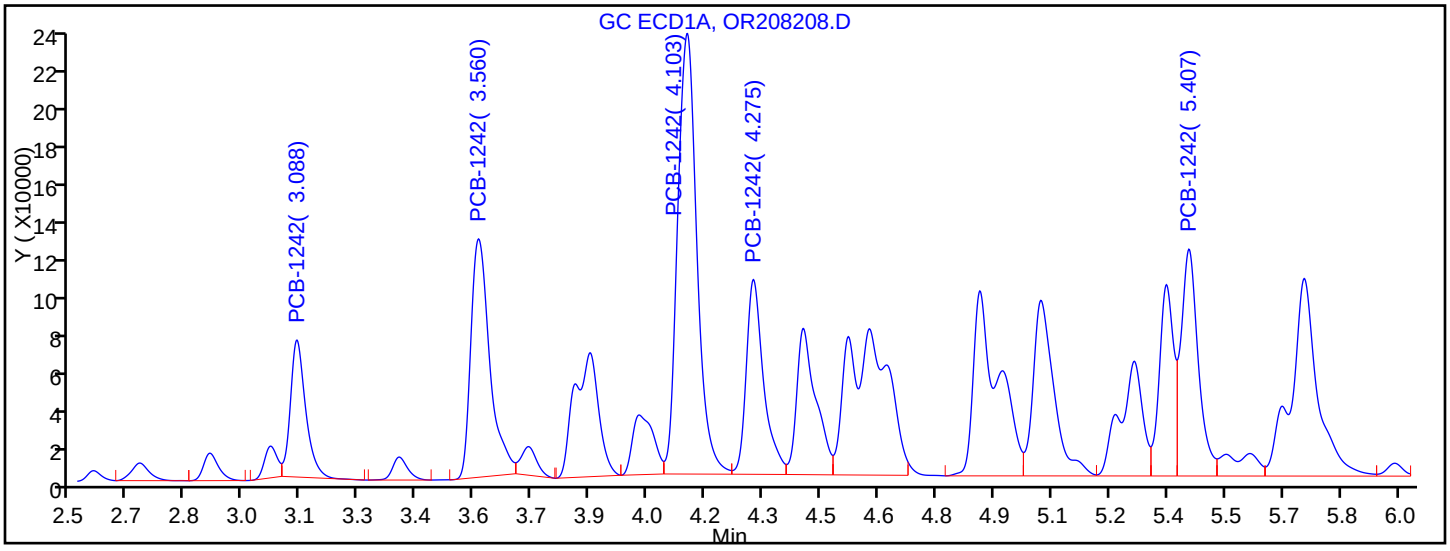
Injection Date:	18-Sep-2013 09:17:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-5SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.088	Response = 191530	
RT = 3.560	Response = 412508	
RT = 4.103	Response = 778281	
RT = 4.275	Response = 309277	
RT = 5.407	Response = 421835	M



Manual Integration Results

RT = 3.088	Response = 191530	
RT = 3.560	Response = 412508	
RT = 4.103	Response = 778281	
RT = 4.275	Response = 309277	
RT = 5.407	Response = 354824	M

Reviewer: patelji, 18-Sep-2013 11:59:14
Audit Action: Split an Integrated Peak
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-WT Lab Sample ID: 460-62993-5

Matrix: Solid Lab File ID: OR208208.D

Analysis Method: 8082 Date Collected: 09/13/2013 08:40

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 09:17

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	330	U	1500	330
11104-28-2	Aroclor 1221	330	U	1500	330
11141-16-5	Aroclor 1232	330	U	1500	330
12672-29-6	Aroclor 1248	330	U	1500	330
11097-69-1	Aroclor 1254	420	U	1500	420
37324-23-5	Aroclor 1262	420	U	1500	420
11100-14-4	Aroclor 1268	420	U	1500	420

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208208.D
Lims ID: 460-62993-E-5-B Client ID: PMP-5SE-WT
Inject. Date: 18-Sep-2013 09:17:30 Dil. Factor: 20.0000
Sample Type: Client
Sample ID:
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 181943 Lims Sample ID: 5
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\8082GC7.m
Last Update: 18-Sep-2013 15:15:20 Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji Date: 18-Sep-2013 11:59:14

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.088	3.088	0.0	191530	1303.9	
1	3.560	3.562	-0.002	412508	1430.2	
1	4.103	4.105	-0.002	778281	1470.4	
1	4.275	4.277	-0.002	309277	1372.4	
1	5.407	5.412	-0.005	354824	1633.5	M
		Average of Peak Amounts =			1442.1	
2	2.342	2.343	-0.001	262834	1214.5	
2	2.668	2.670	-0.002	417269	1276.6	
2	3.122	3.123	-0.001	969294	1327.5	M
2	3.263	3.265	-0.002	379334	1418.2	
2	3.702	3.703	-0.001	413417	1375.0	
		Average of Peak Amounts =			1322.4	
				RPD =	8.66	
10 PCB-1260						
1	0.0	6.575	-6.575	0	0	
1	6.908	6.920	-0.012	133801	311.2	
1	8.482	8.497	-0.015	133684	332.1	
1	8.998	9.007	-0.009	228434	337.0	M
1	10.183	10.185	-0.002	52844	333.0	M
		Average of Peak Amounts =			328.3	
2	5.113	5.118	-0.005	166984	385.5	
2	6.270	6.277	-0.007	113828	280.8	
2	6.743	6.752	-0.009	305312	316.5	
2	7.228	7.238	-0.010	151293	304.5	M
2	8.603	8.613	-0.010	92438	304.8	M
		Average of Peak Amounts =			318.4	
				RPD =	3.05	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags

QC Flag Legend

Review Flags
M - Manually Integrated

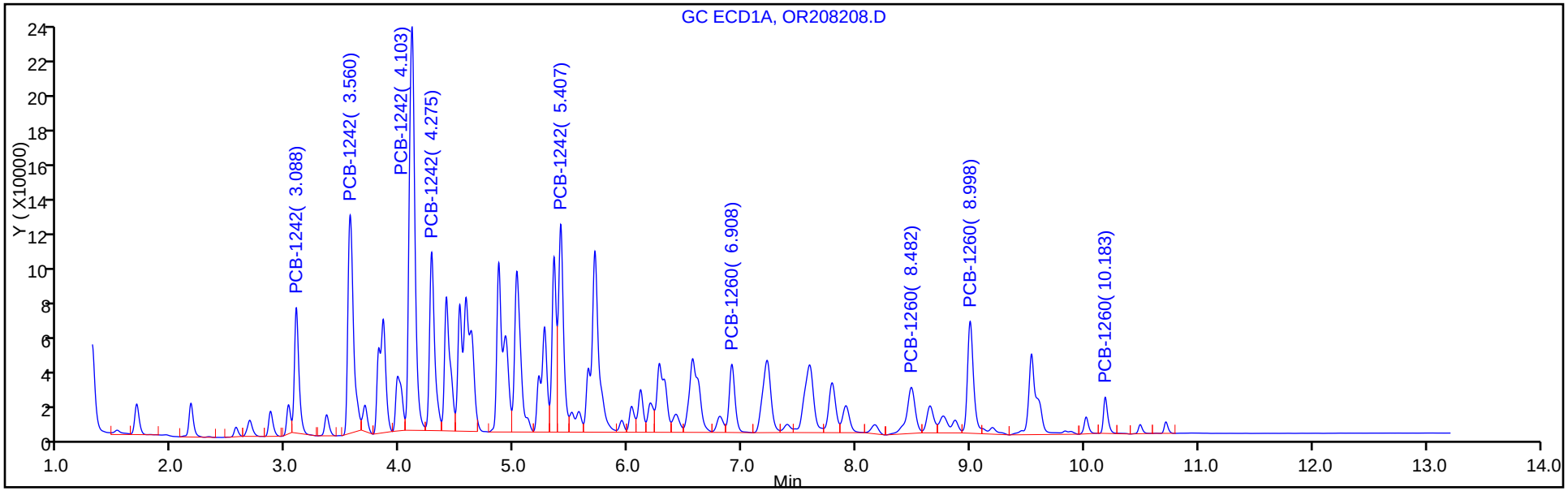
Report Date: 18-Sep-2013 15:15:29 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

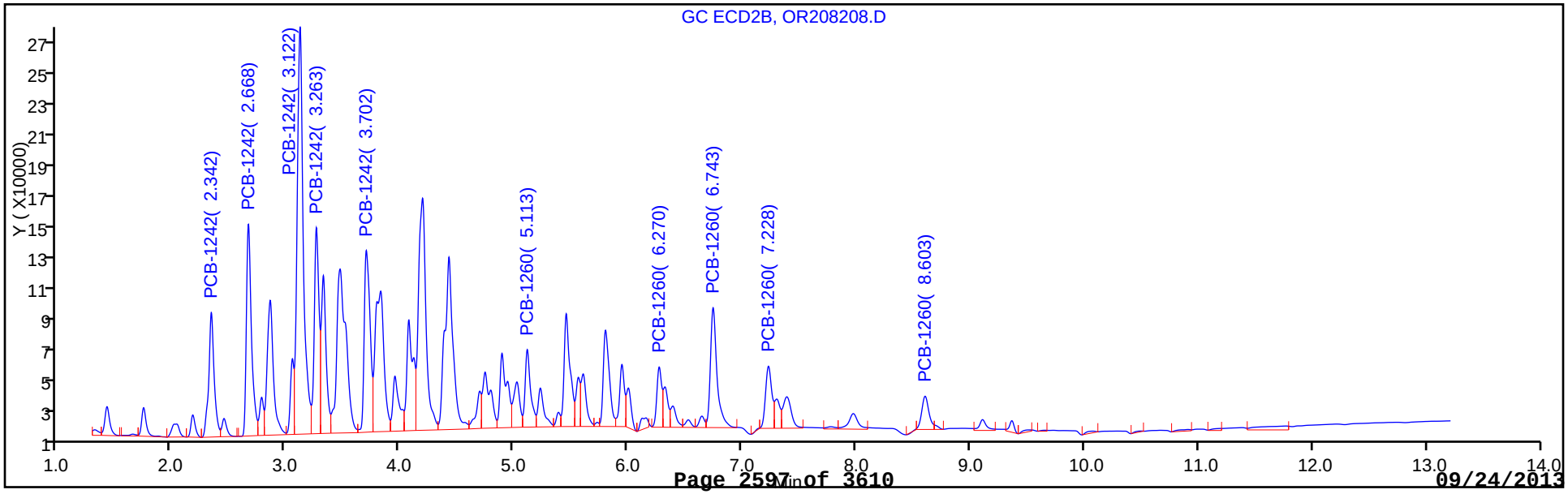
Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208208.D

Injection Date:	18-Sep-2013 09:17:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-5SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



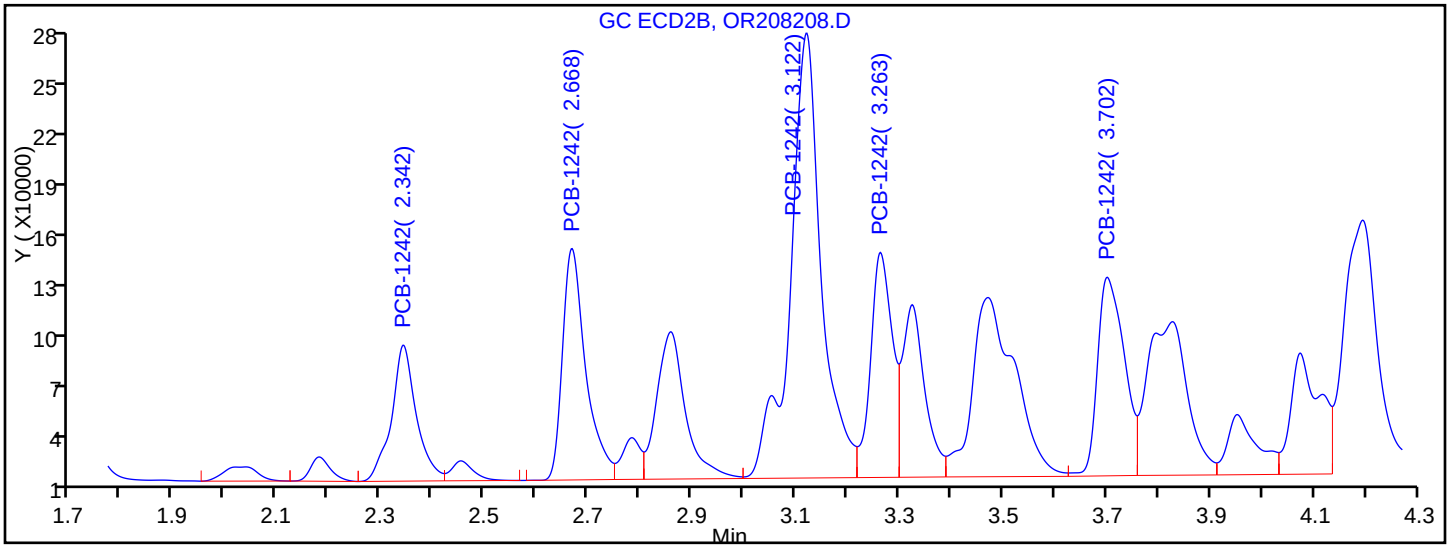
Report Date: 18-Sep-2013 15:15:29 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208208.D

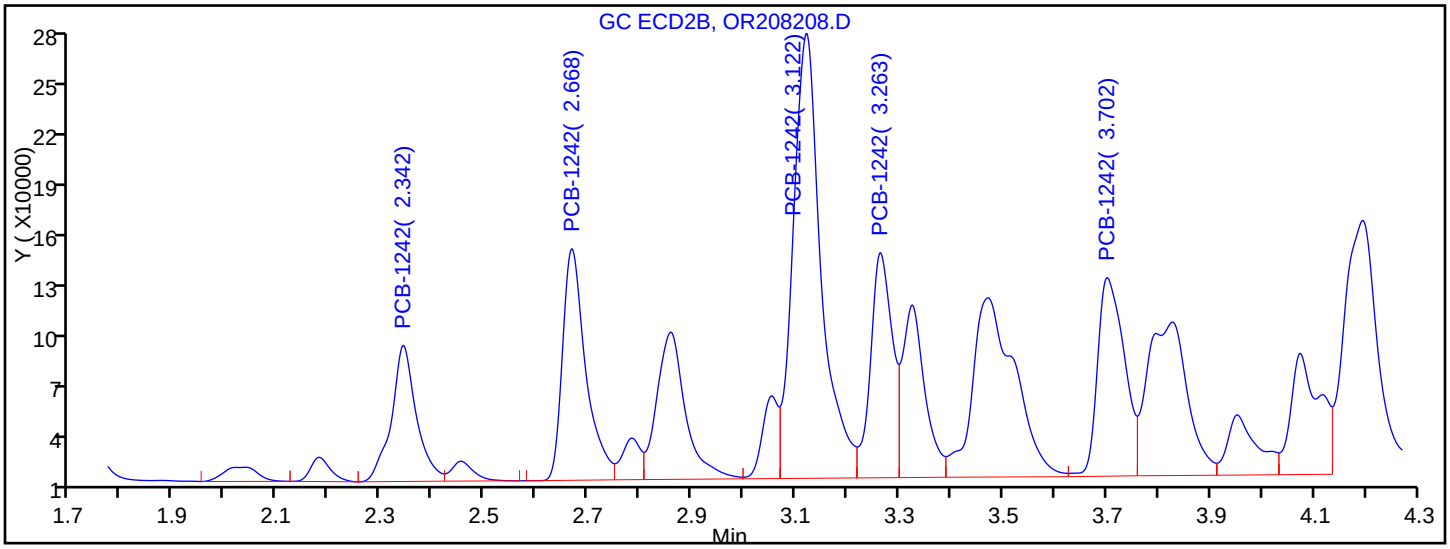
Injection Date:	18-Sep-2013 09:17:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-5SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.342	Response = 262834	
RT = 2.668	Response = 417269	
RT = 3.122	Response = 1072537	M
RT = 3.263	Response = 379334	
RT = 3.702	Response = 413417	



Manual Integration Results

RT = 2.342	Response = 262834	
RT = 2.668	Response = 417269	
RT = 3.122	Response = 969294	M
RT = 3.263	Response = 379334	
RT = 3.702	Response = 413417	

Reviewer: patelji, 18-Sep-2013 11:59:14

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-SI Lab Sample ID: 460-62993-6

Matrix: Solid Lab File ID: OR208209.D

Analysis Method: 8082 Date Collected: 09/13/2013 08:45

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 09:33

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	15000		760	170
11096-82-5	Aroclor 1260	3500		760	220

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208209.D
Lims ID: 460-62993-E-6-B Client ID: PMP-5SE-SI
Inject. Date: 18-Sep-2013 09:33:30 Dil. Factor: 10.0000
Sample Type: Client
Sample ID:
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 181943 Lims Sample ID: 6
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\8082GC7.m
Last Update: 18-Sep-2013 15:15:20 Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji Date: 18-Sep-2013 12:00:25

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.085	3.088	-0.003	266255	1812.6	M
1	3.558	3.562	-0.004	529840	1836.9	
1	4.100	4.105	-0.005	1018954	1925.2	
1	4.272	4.277	-0.005	406608	1804.4	
1	5.405	5.412	-0.007	469694	2162.3	M
		Average of Peak Amounts =			1908.3	
2	2.343	2.343	0.0	327056	1511.3	
2	2.668	2.670	-0.002	533198	1631.3	
2	3.122	3.123	-0.001	1260334	1726.0	M
2	3.265	3.265	0.0	479302	1792.0	
2	3.702	3.703	-0.001	540690	1798.3	
		Average of Peak Amounts =			1691.8	
					RPD = 12.03	
10 PCB-1260						
1	0.0	6.575	-6.575	0	0	
1	6.905	6.920	-0.015	187141	435.2	
1	8.480	8.497	-0.017	184393	458.0	
1	8.997	9.007	-0.010	322038	475.1	
1	10.183	10.185	-0.002	75221	474.0	
		Average of Peak Amounts =			460.6	
2	5.113	5.118	-0.005	241916	558.5	
2	6.270	6.277	-0.007	174167	429.6	
2	6.743	6.752	-0.009	447854	464.3	
2	7.228	7.238	-0.010	212604	428.0	M
2	8.602	8.613	-0.011	125440	413.6	M
		Average of Peak Amounts =			458.8	
					RPD = 0.39	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags

QC Flag Legend

Review Flags
M - Manually Integrated

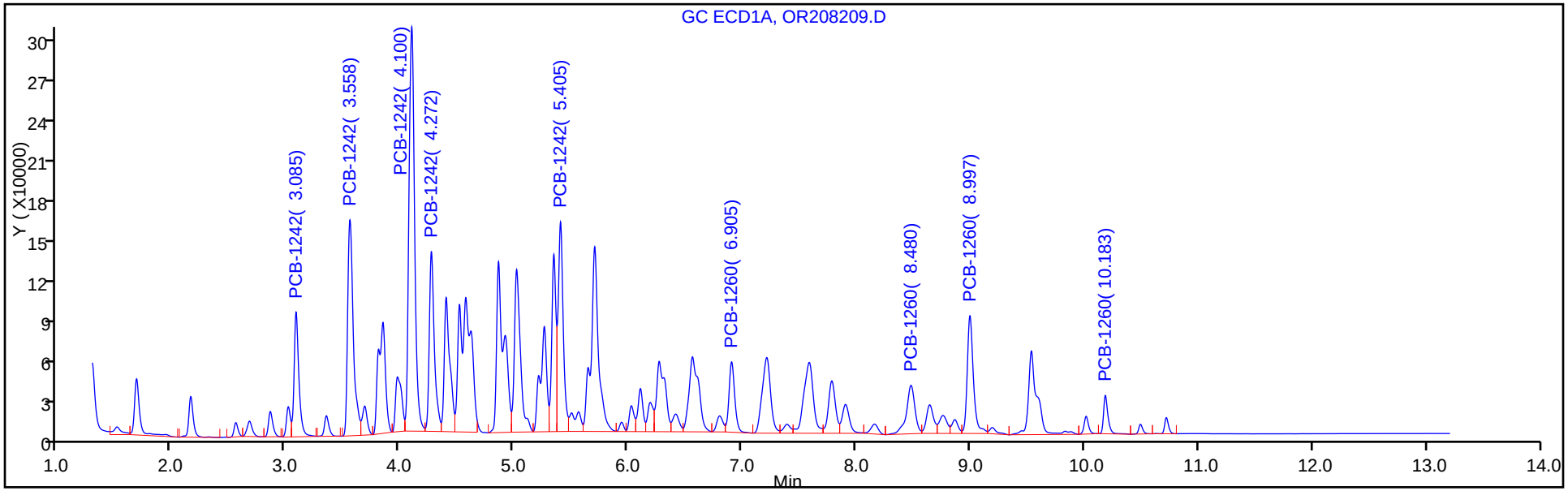
Report Date: 18-Sep-2013 15:15:30 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

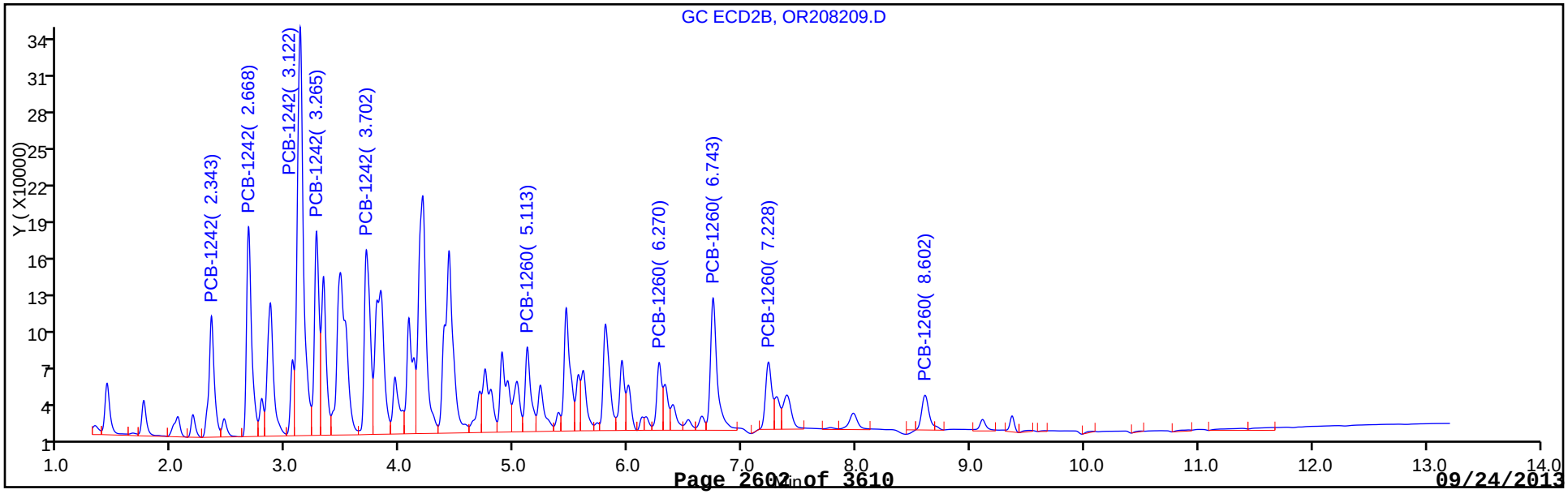
Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208209.D

Injection Date:	18-Sep-2013 09:33:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-5SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



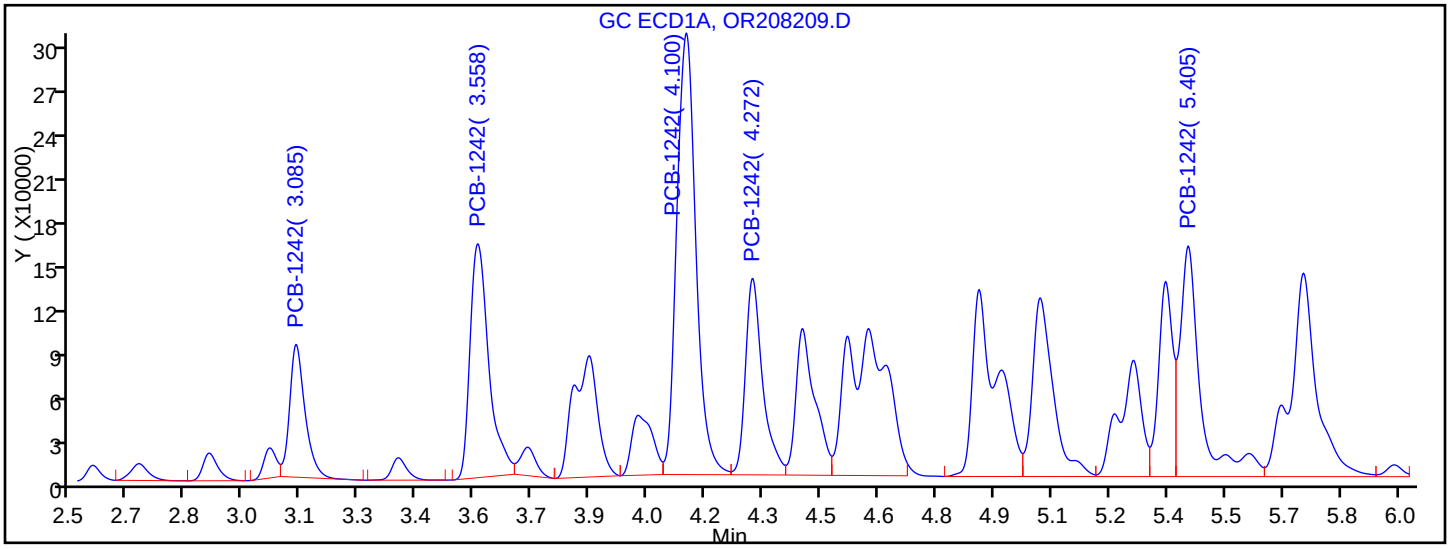
Report Date: 18-Sep-2013 15:15:31 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208209.D

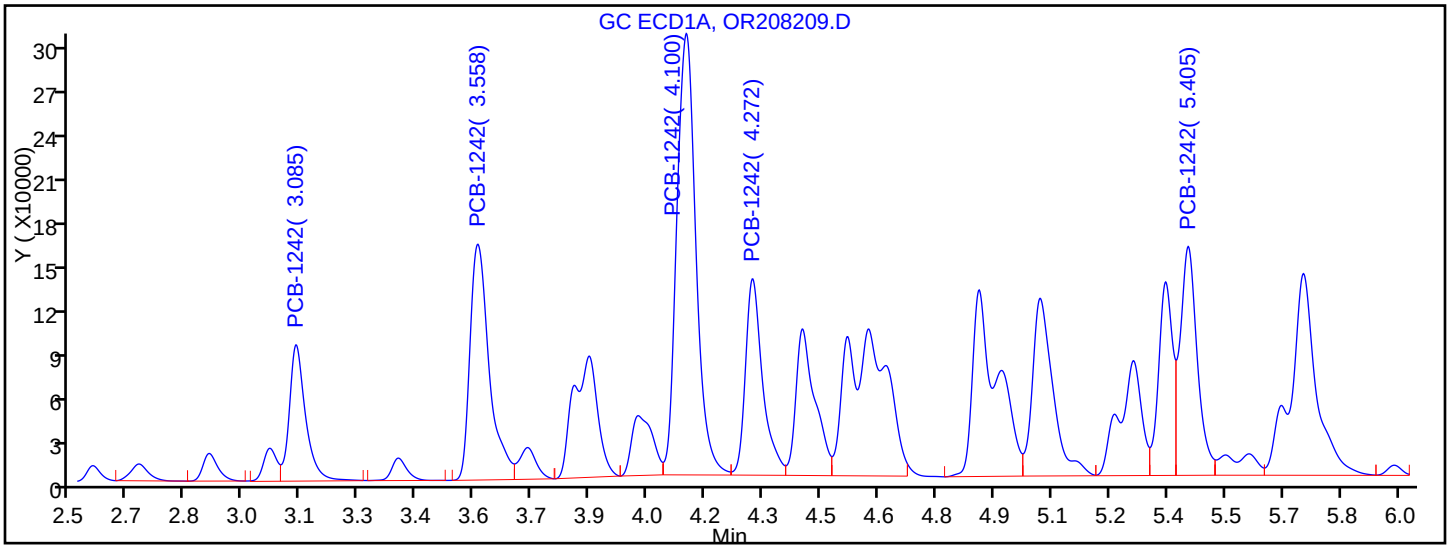
Injection Date:	18-Sep-2013 09:33:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-5SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.085	Response = 246763	M
RT = 3.558	Response = 529840	
RT = 4.100	Response = 1018954	
RT = 4.272	Response = 406608	
RT = 5.405	Response = 567499	M



Manual Integration Results

RT = 3.085	Response = 266255	M
RT = 3.558	Response = 529840	
RT = 4.100	Response = 1018954	
RT = 4.272	Response = 406608	
RT = 5.405	Response = 469694	M

Reviewer: patelji, 18-Sep-2013 12:00:25

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-SI Lab Sample ID: 460-62993-6

Matrix: Solid Lab File ID: OR208209.D

Analysis Method: 8082 Date Collected: 09/13/2013 08:45

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 09:33

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	170	U	760	170
11104-28-2	Aroclor 1221	170	U	760	170
11141-16-5	Aroclor 1232	170	U	760	170
12672-29-6	Aroclor 1248	170	U	760	170
11097-69-1	Aroclor 1254	220	U	760	220
37324-23-5	Aroclor 1262	220	U	760	220
11100-14-4	Aroclor 1268	220	U	760	220

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208209.D
Lims ID: 460-62993-E-6-B Client ID: PMP-5SE-SI
Inject. Date: 18-Sep-2013 09:33:30 Dil. Factor: 10.0000
Sample Type: Client
Sample ID:
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 181943 Lims Sample ID: 6
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\8082GC7.m
Last Update: 18-Sep-2013 15:15:20 Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji Date: 18-Sep-2013 12:00:25

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.085	3.088	-0.003	266255	1812.6	M
1	3.558	3.562	-0.004	529840	1836.9	
1	4.100	4.105	-0.005	1018954	1925.2	
1	4.272	4.277	-0.005	406608	1804.4	
1	5.405	5.412	-0.007	469694	2162.3	M
		Average of Peak Amounts =			1908.3	
2	2.343	2.343	0.0	327056	1511.3	
2	2.668	2.670	-0.002	533198	1631.3	
2	3.122	3.123	-0.001	1260334	1726.0	M
2	3.265	3.265	0.0	479302	1792.0	
2	3.702	3.703	-0.001	540690	1798.3	
		Average of Peak Amounts =			1691.8	
					RPD = 12.03	
10 PCB-1260						
1	0.0	6.575	-6.575	0	0	
1	6.905	6.920	-0.015	187141	435.2	
1	8.480	8.497	-0.017	184393	458.0	
1	8.997	9.007	-0.010	322038	475.1	
1	10.183	10.185	-0.002	75221	474.0	
		Average of Peak Amounts =			460.6	
2	5.113	5.118	-0.005	241916	558.5	
2	6.270	6.277	-0.007	174167	429.6	
2	6.743	6.752	-0.009	447854	464.3	
2	7.228	7.238	-0.010	212604	428.0	M
2	8.602	8.613	-0.011	125440	413.6	M
		Average of Peak Amounts =			458.8	
					RPD = 0.39	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags

QC Flag Legend

Review Flags
M - Manually Integrated

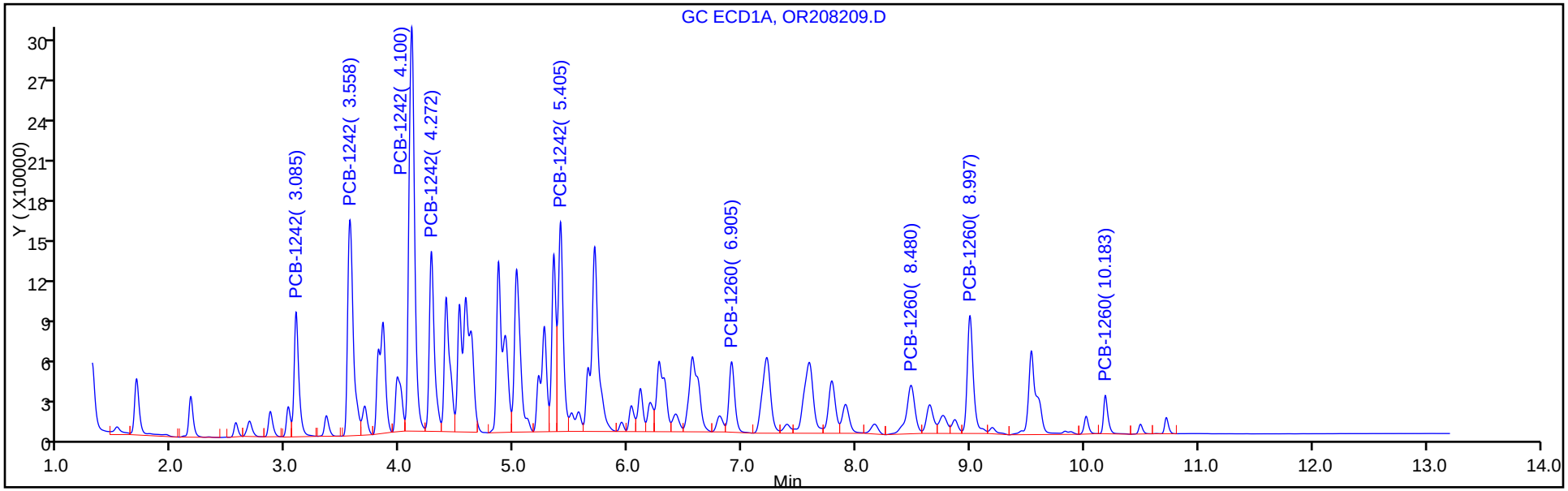
Report Date: 18-Sep-2013 15:15:31 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

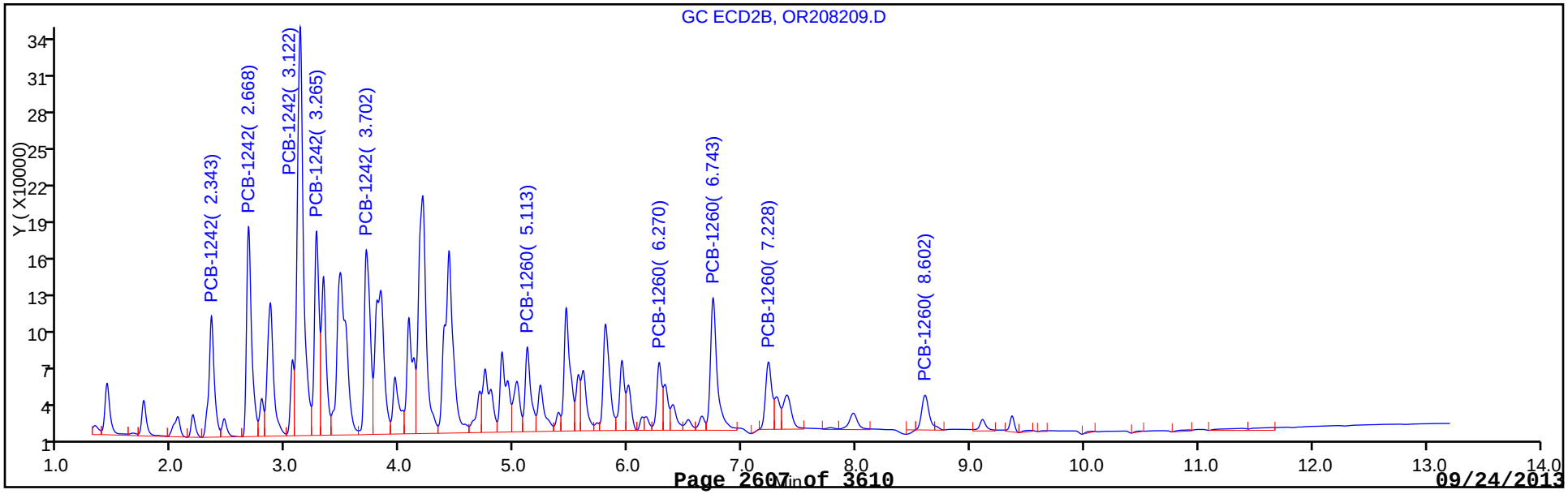
Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208209.D

Injection Date:	18-Sep-2013 09:33:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-5SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



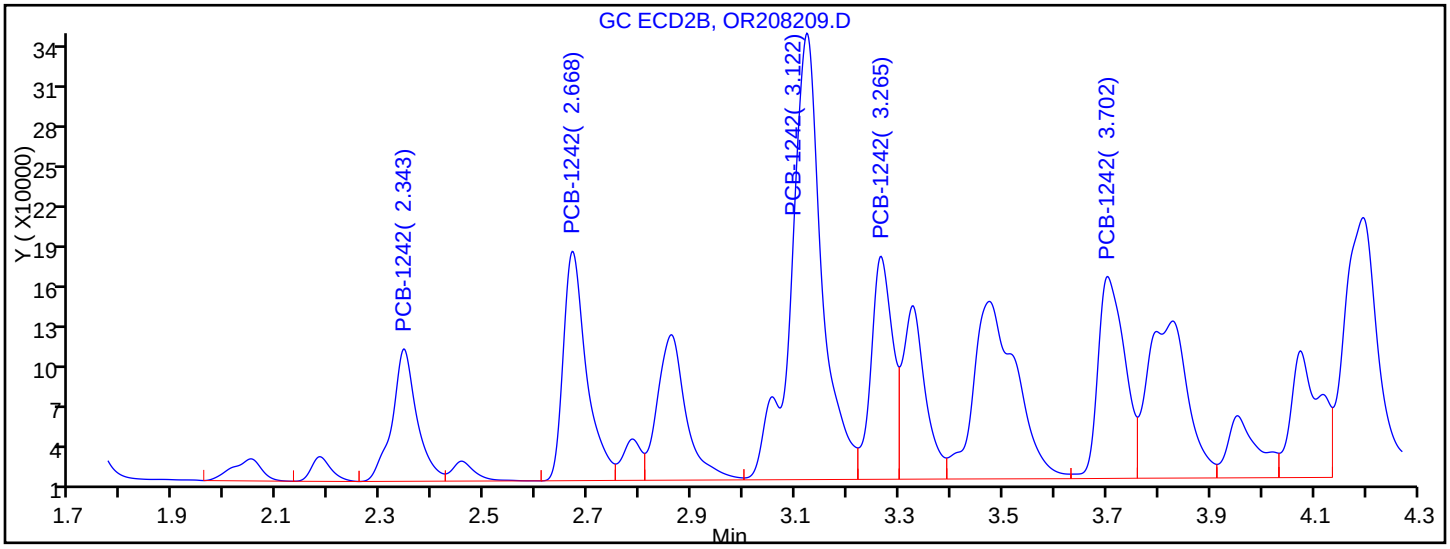
Report Date: 18-Sep-2013 15:15:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208209.D

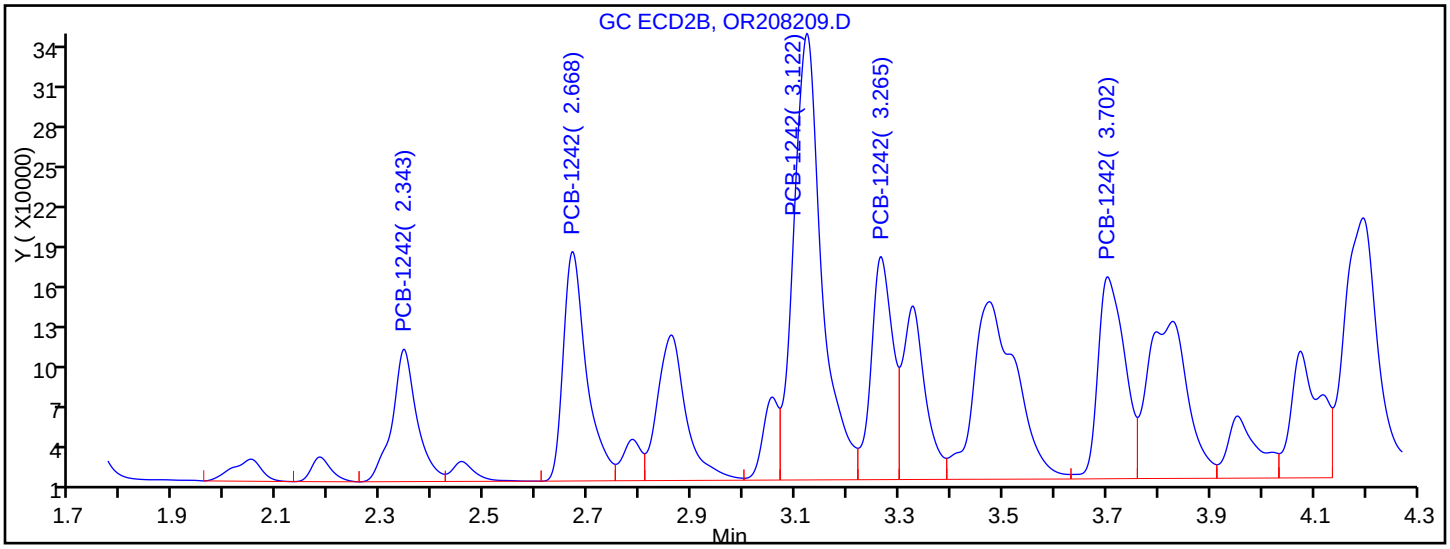
Injection Date:	18-Sep-2013 09:33:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-5SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.343	Response = 327056	
RT = 2.668	Response = 533198	
RT = 3.122	Response = 1390537	M
RT = 3.265	Response = 479302	
RT = 3.702	Response = 540690	



Manual Integration Results

RT = 2.343	Response = 327056	
RT = 2.668	Response = 533198	
RT = 3.122	Response = 1260334	M
RT = 3.265	Response = 479302	
RT = 3.702	Response = 540690	

Reviewer: patelji, 18-Sep-2013 12:00:25

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-VS Lab Sample ID: 460-62993-7

Matrix: Solid Lab File ID: OR208218.D

Analysis Method: 8082 Date Collected: 09/13/2013 08:50

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 12:18

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	15000		1400	310

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208218.D		
Lims ID:	460-62993-E-7-B	Client ID:	PMP-8SE-VS
Inject. Date:	18-Sep-2013 12:18:30	Dil. Factor:	20.0000
Sample Type:	Client		
Sample ID:	460-0004765-015		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	181943	Lims Sample ID:	15
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\8082GC7.m		
Last Update:	18-Sep-2013 13:15:42	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 12:41:25

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
3 PCB-1248						M
1	3.575	3.558	0.017	259779	1766.9	M
1	4.120	4.103	0.017	514519	1549.6	M
1	4.535	4.523	0.012	128731	686.0	M
1	5.363	5.352	0.011	168816	646.6	M
1	5.422	5.410	0.012	241784	737.7	M
		Average of Peak Amounts =			1077.4	
2	2.665	2.668	-0.003	265292	1457.5	
2	3.120	3.122	-0.002	670971	1550.0	
2	3.698	3.703	-0.005	308180	745.0	
2	4.195	4.200	-0.005	510209	684.3	
2	4.425	4.430	-0.005	277468	587.4	M
		Average of Peak Amounts =			1004.9	
					RPD = 6.96	

QC Flag Legend

Review Flags
M - Manually Integrated

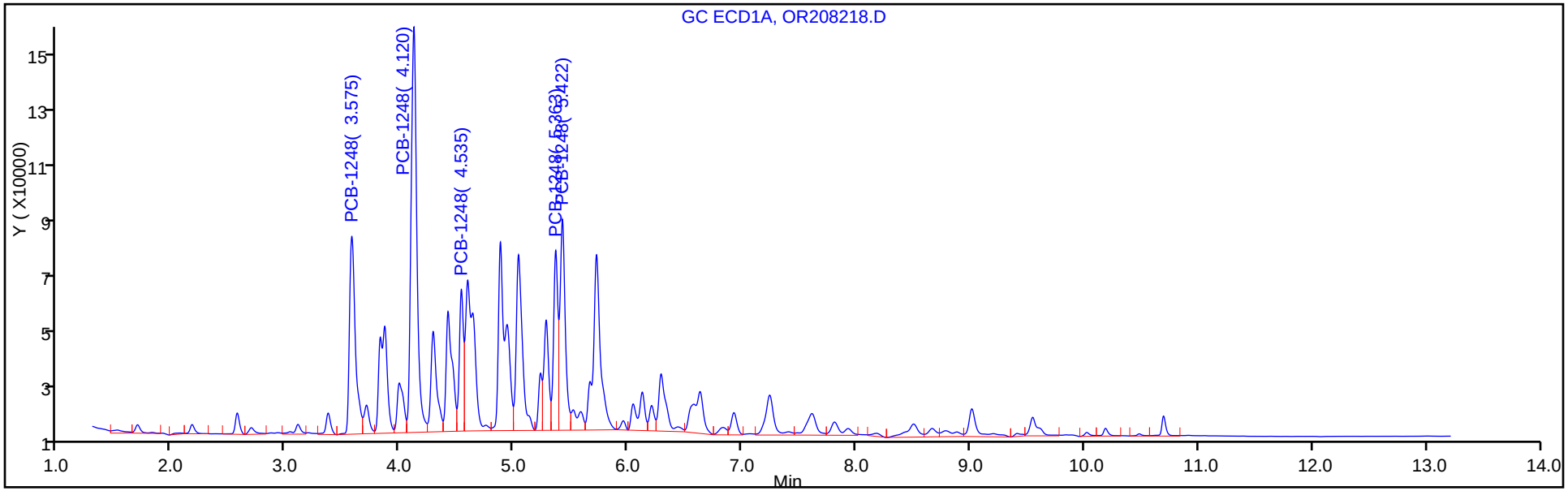
Report Date: 18-Sep-2013 15:15:52 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

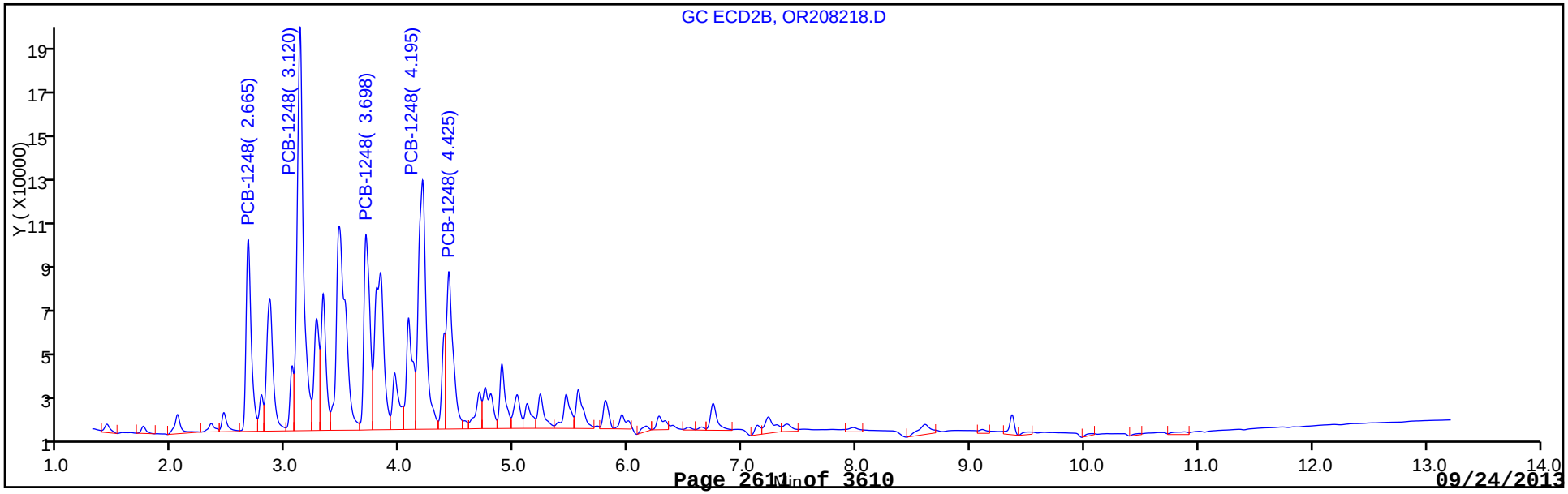
Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208218.D

Injection Date:	18-Sep-2013 12:18:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-8SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



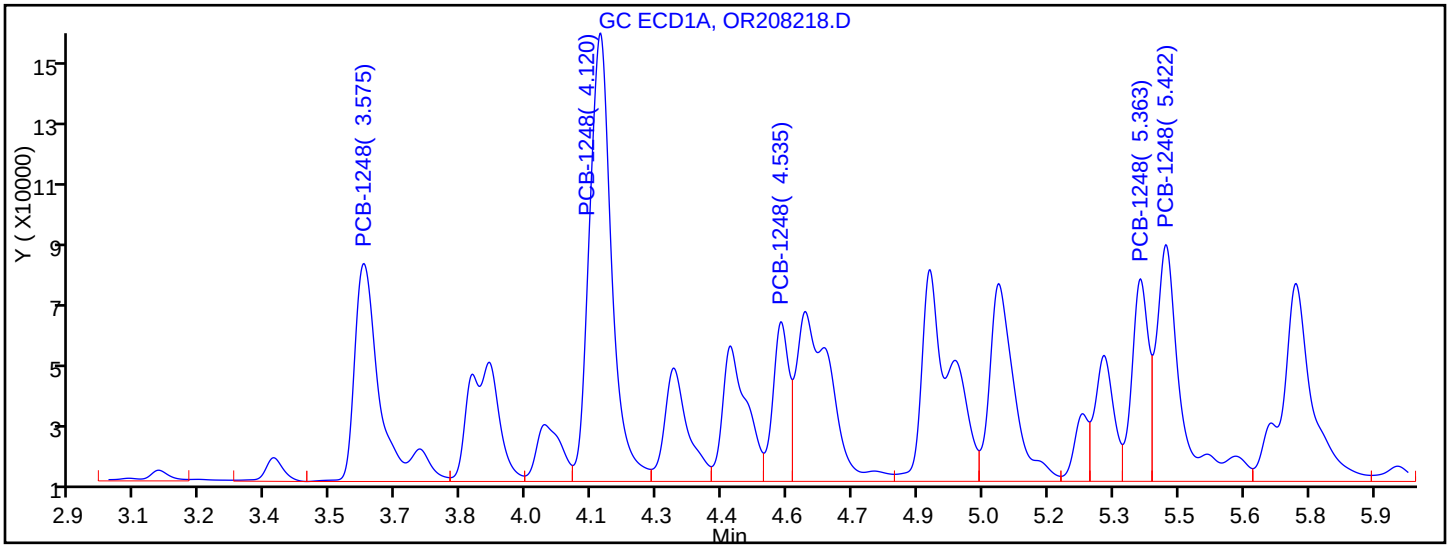
Report Date: 18-Sep-2013 15:15:52 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208218.D

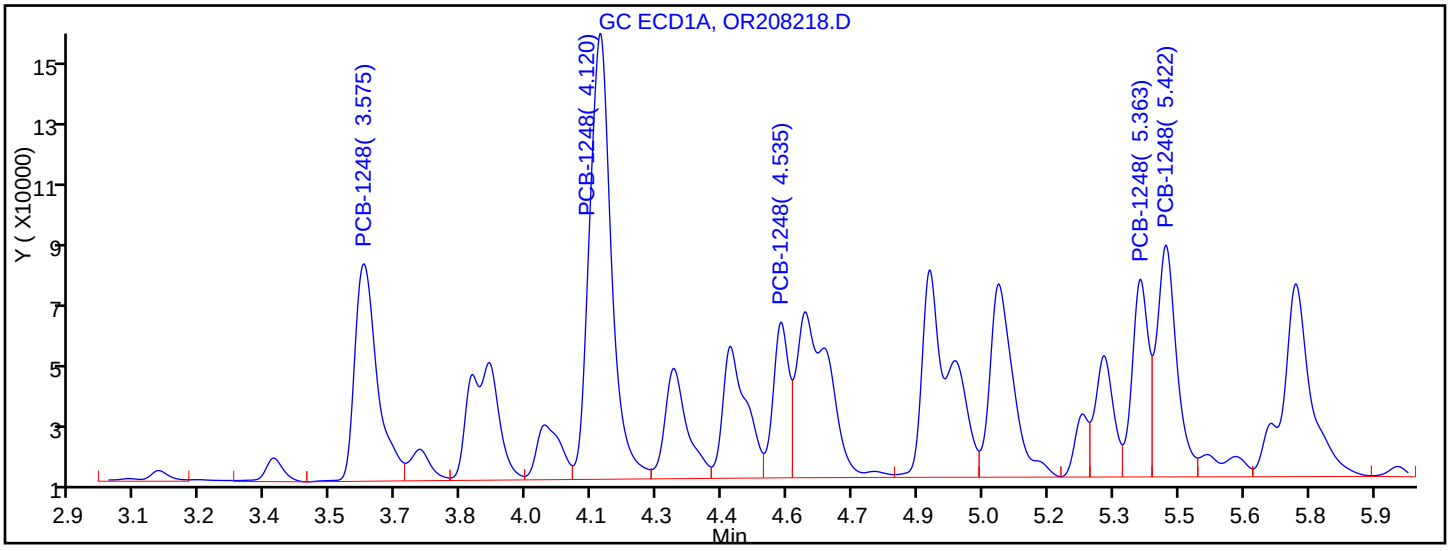
Injection Date:	18-Sep-2013 12:18:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-8SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1248, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.575	Response = 296293	M
RT = 4.120	Response = 523534	M
RT = 4.535	Response = 133713	M
RT = 5.363	Response = 175069	M
RT = 5.422	Response = 305595	M



Manual Integration Results

RT = 3.575	Response = 259779	M
RT = 4.120	Response = 514519	M
RT = 4.535	Response = 128731	M
RT = 5.363	Response = 168816	M
RT = 5.422	Response = 241784	M

Reviewer: patelji, 18-Sep-2013 12:41:25

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-VS Lab Sample ID: 460-62993-7

Matrix: Solid Lab File ID: OR208218.D

Analysis Method: 8082 Date Collected: 09/13/2013 08:50

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 12:18

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	310	U	1400	310
11104-28-2	Aroclor 1221	310	U	1400	310
11141-16-5	Aroclor 1232	310	U	1400	310
53469-21-9	Aroclor 1242	310	U	1400	310
11097-69-1	Aroclor 1254	400	U	1400	400
11096-82-5	Aroclor 1260	400	U	1400	400
37324-23-5	Aroclor 1262	400	U	1400	400
11100-14-4	Aroclor 1268	400	U	1400	400

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208218.D		
Lims ID:	460-62993-E-7-B	Client ID:	PMP-8SE-VS
Inject. Date:	18-Sep-2013 12:18:30	Dil. Factor:	20.0000
Sample Type:	Client		
Sample ID:	460-0004765-015		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	181943	Lims Sample ID:	15
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\8082GC7.m		
Last Update:	18-Sep-2013 13:15:42	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 12:41:25

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
3 PCB-1248						M
1	3.575	3.558	0.017	259779	1766.9	M
1	4.120	4.103	0.017	514519	1549.6	M
1	4.535	4.523	0.012	128731	686.0	M
1	5.363	5.352	0.011	168816	646.6	M
1	5.422	5.410	0.012	241784	737.7	M
		Average of Peak Amounts =			1077.4	
2	2.665	2.668	-0.003	265292	1457.5	
2	3.120	3.122	-0.002	670971	1550.0	
2	3.698	3.703	-0.005	308180	745.0	
2	4.195	4.200	-0.005	510209	684.3	
2	4.425	4.430	-0.005	277468	587.4	M
		Average of Peak Amounts =			1004.9	
					RPD = 6.96	

QC Flag Legend

Review Flags
M - Manually Integrated

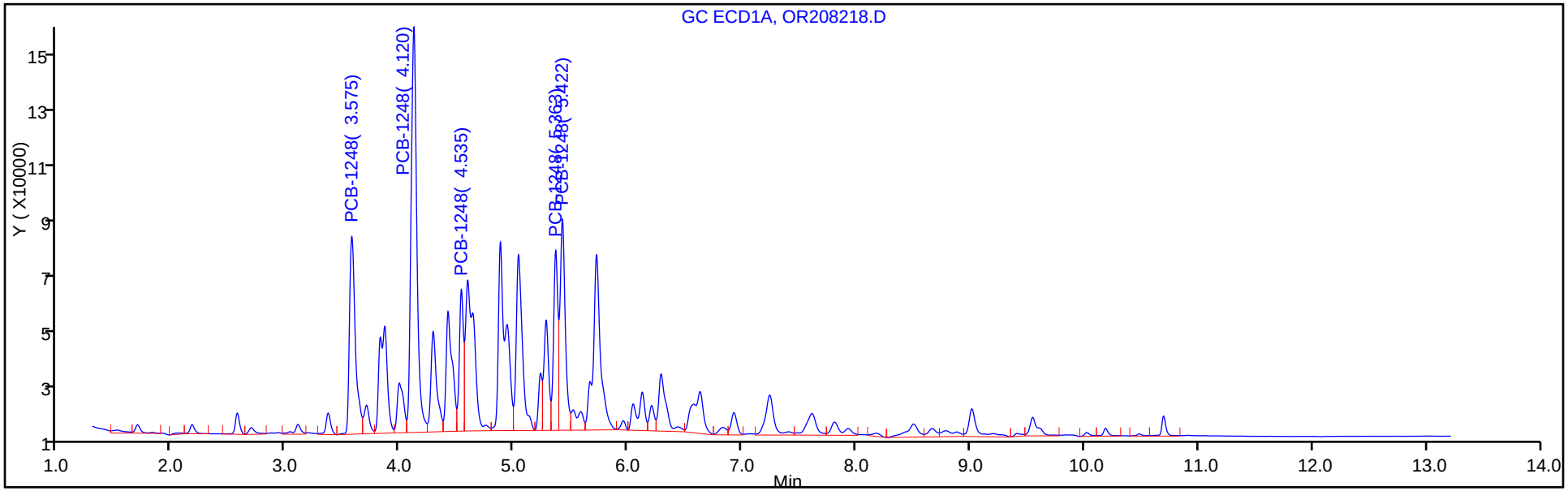
Report Date: 18-Sep-2013 15:15:52 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

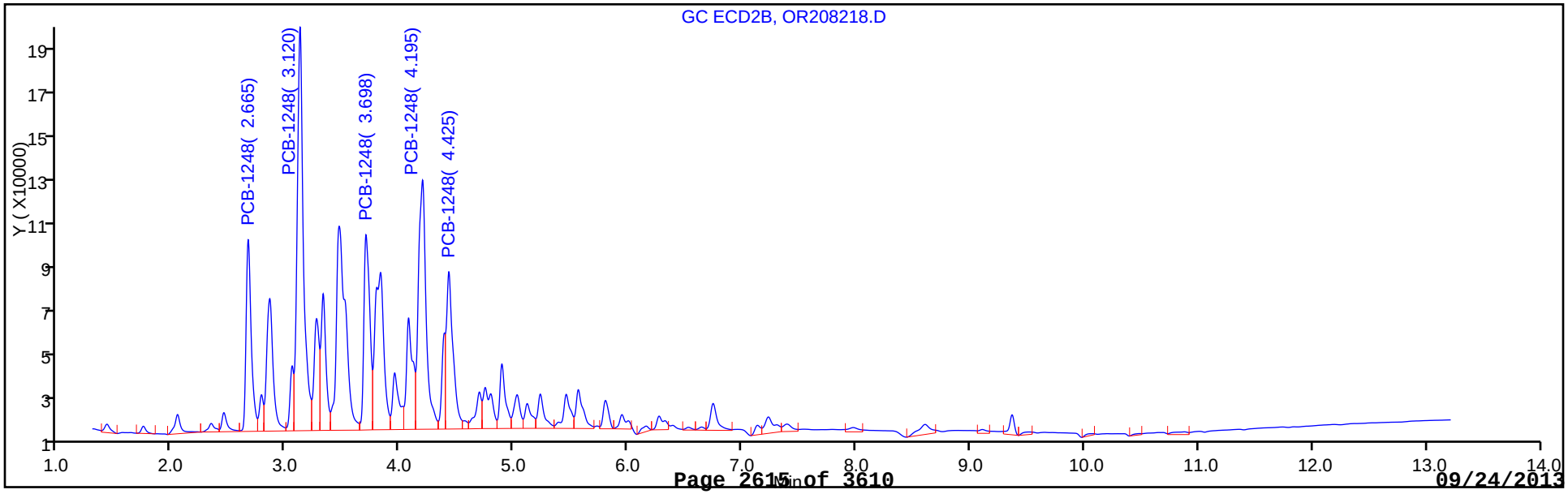
Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208218.D

Injection Date:	18-Sep-2013 12:18:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-8SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



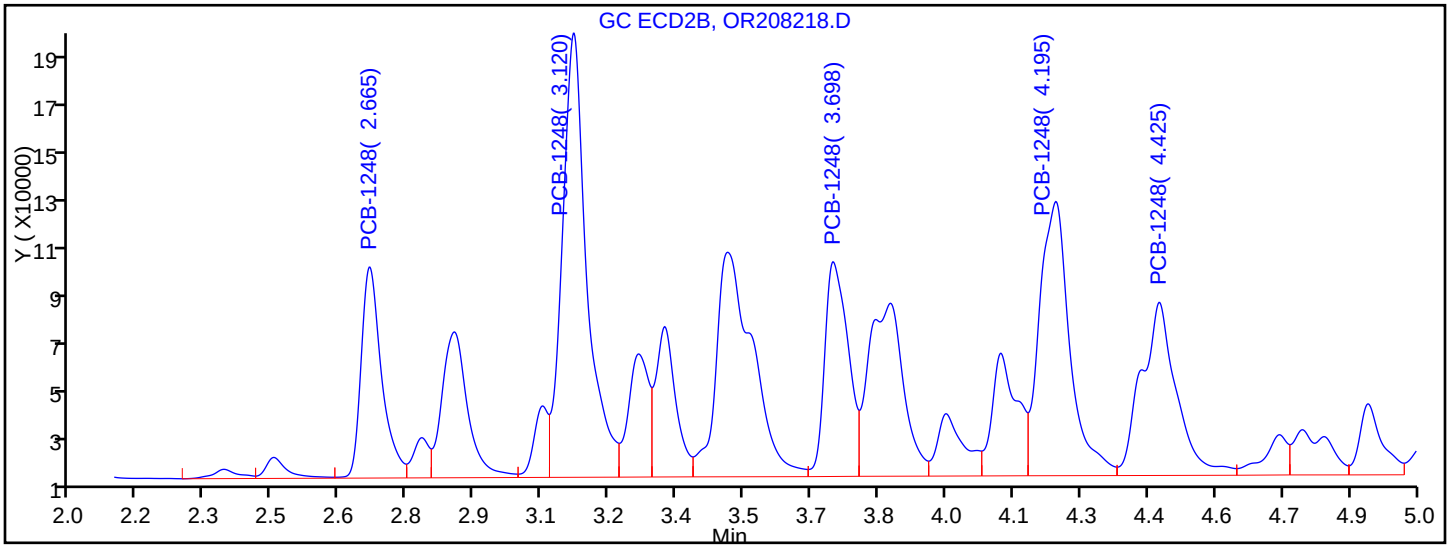
Report Date: 18-Sep-2013 15:15:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208218.D

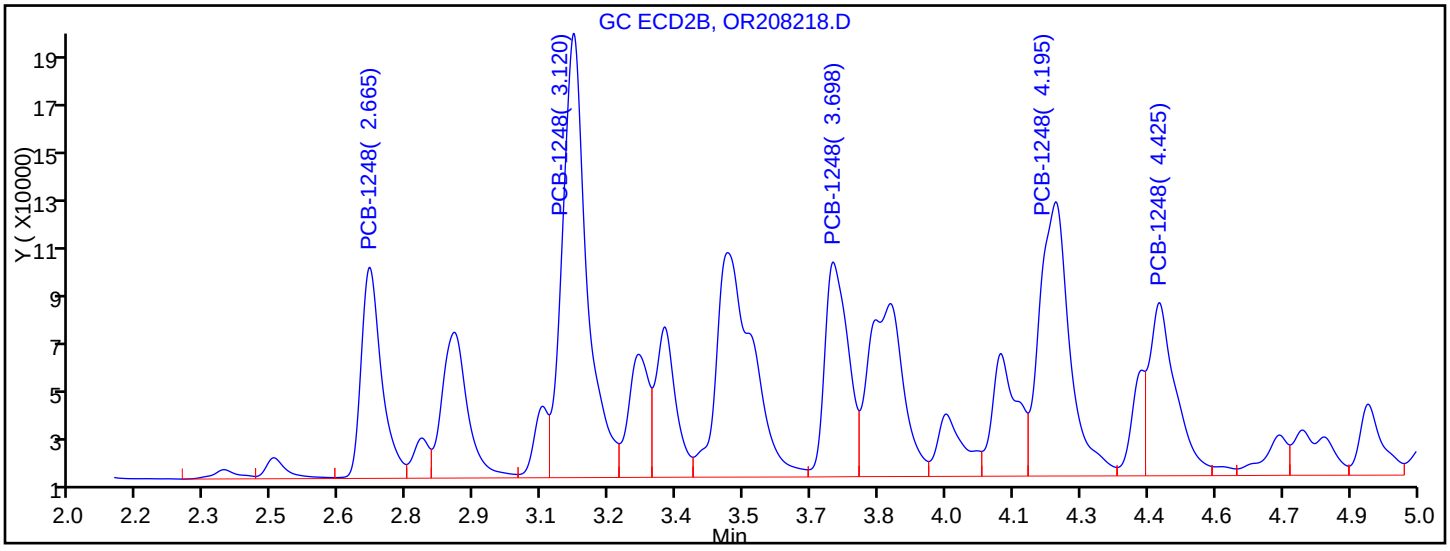
Injection Date:	18-Sep-2013 12:18:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-8SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1248, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.665	Response = 265292	
RT = 3.120	Response = 670971	
RT = 3.698	Response = 308180	
RT = 4.195	Response = 510209	
RT = 4.425	Response = 373627	M



Manual Integration Results

RT = 2.665	Response = 265292	
RT = 3.120	Response = 670971	
RT = 3.698	Response = 308180	
RT = 4.195	Response = 510209	
RT = 4.425	Response = 277468	M

Reviewer: patelji, 18-Sep-2013 12:41:25

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-VD Lab Sample ID: 460-62993-8

Matrix: Solid Lab File ID: OR208159.D

Analysis Method: 8082 Date Collected: 09/13/2013 08:55

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.02(g) Date Analyzed: 09/17/2013 17:50

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208159.D		
Lims ID:	460-62993-E-8-B	Client ID:	PMP-8SE-VD
Inject. Date:	17-Sep-2013 17:50:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-033		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	33
Lims Batch ID:	181786	Lims Sample ID:	33
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 08:44:04

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						M
1	10.708	10.710	-0.002	181712	46.6	M
2	9.368	9.377	-0.009	293190	41.6	
					RPD = 11.41	

QC Flag Legend

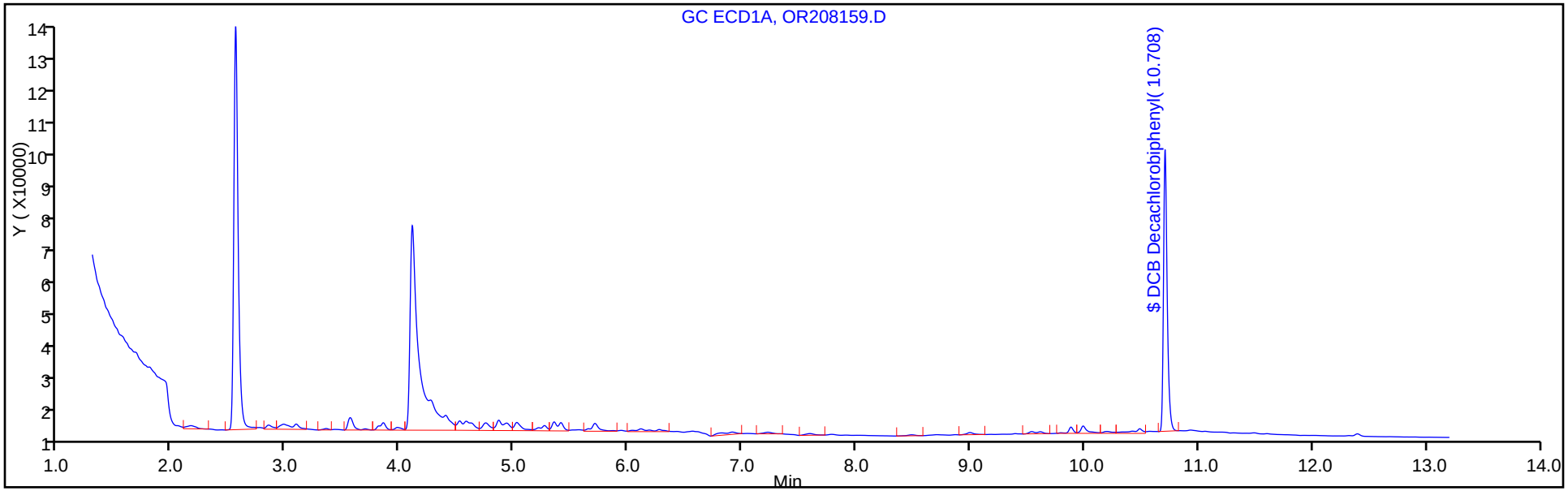
Review Flags
M - Manually Integrated

Report Date: 18-Sep-2013 11:44:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

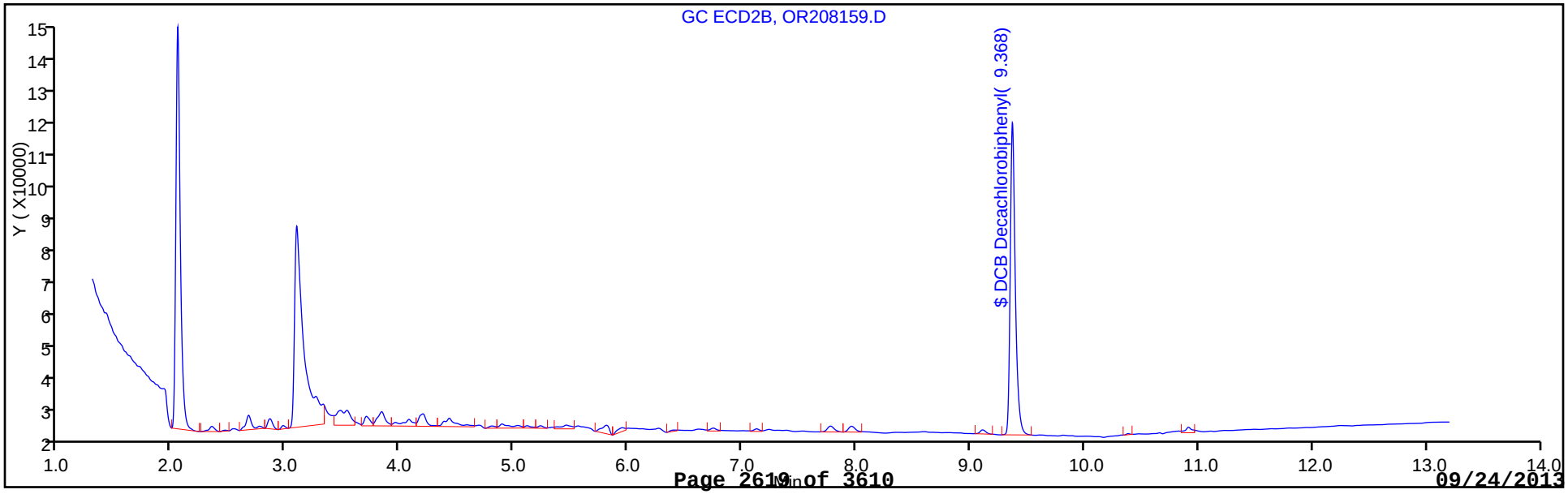
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208159.D		
Injection Date:	17-Sep-2013 17:50:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-8SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	33
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

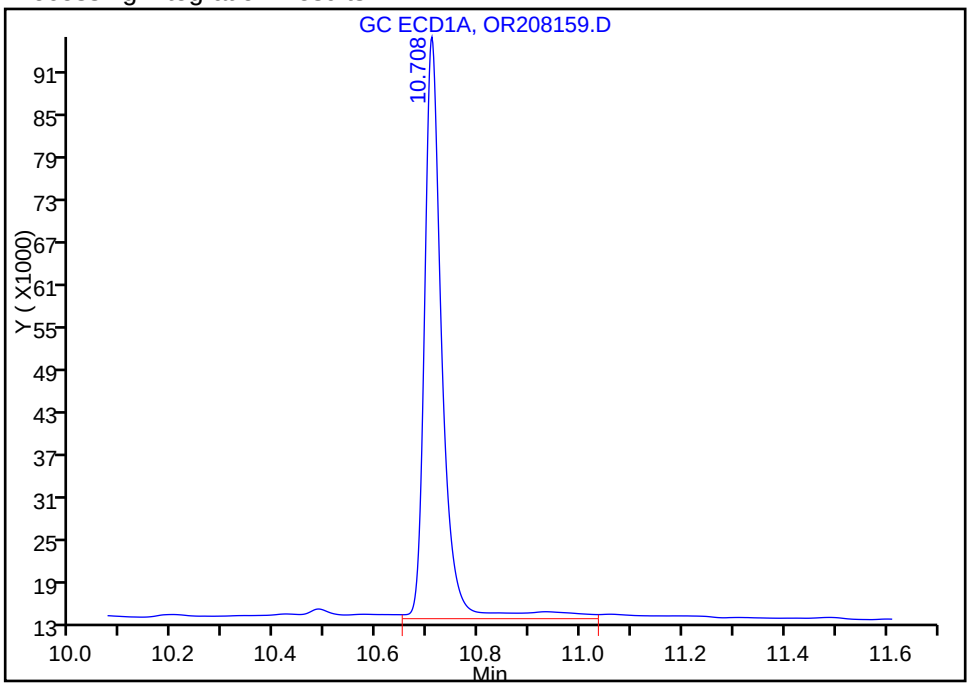
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208159.D		
Injection Date:	17-Sep-2013 17:50:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-8SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	33
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 5 DCB Decachlorobiphenyl, Signal: 1, Type: quant, RT: 10.71, Det: GC ECD1A

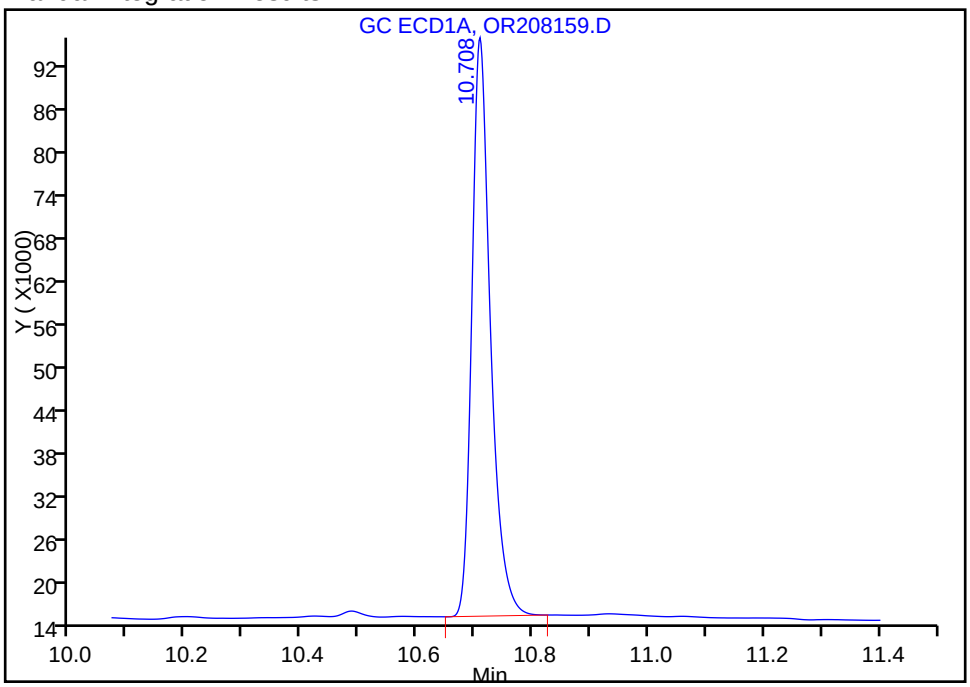
Processing Integration Results

RT: 10.71
Response: 198943
Amount: 51.025461



Manual Integration Results

RT: 10.71
Response: 181712
Amount: 46.606006



Reviewer: patelji, 18-Sep-2013 08:44:04
Audit Action: Manually Integrated
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-VD Lab Sample ID: 460-62993-8

Matrix: Solid Lab File ID: OR208159.D

Analysis Method: 8082 Date Collected: 09/13/2013 08:55

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.02(g) Date Analyzed: 09/17/2013 17:50

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	69	16
11104-28-2	Aroclor 1221	16	U	69	16
11141-16-5	Aroclor 1232	16	U	69	16
53469-21-9	Aroclor 1242	16	U	69	16
12672-29-6	Aroclor 1248	16	U	69	16
11097-69-1	Aroclor 1254	20	U	69	20
11096-82-5	Aroclor 1260	20	U	69	20
37324-23-5	Aroclor 1262	20	U	69	20
11100-14-4	Aroclor 1268	20	U	69	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	83		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208159.D		
Lims ID:	460-62993-E-8-B	Client ID:	PMP-8SE-VD
Inject. Date:	17-Sep-2013 17:50:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-033		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	33
Lims Batch ID:	181786	Lims Sample ID:	33
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 08:44:04

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						M
1	10.708	10.710	-0.002	181712	46.6	M
2	9.368	9.377	-0.009	293190	41.6	
					RPD = 11.41	

QC Flag Legend

Review Flags
M - Manually Integrated

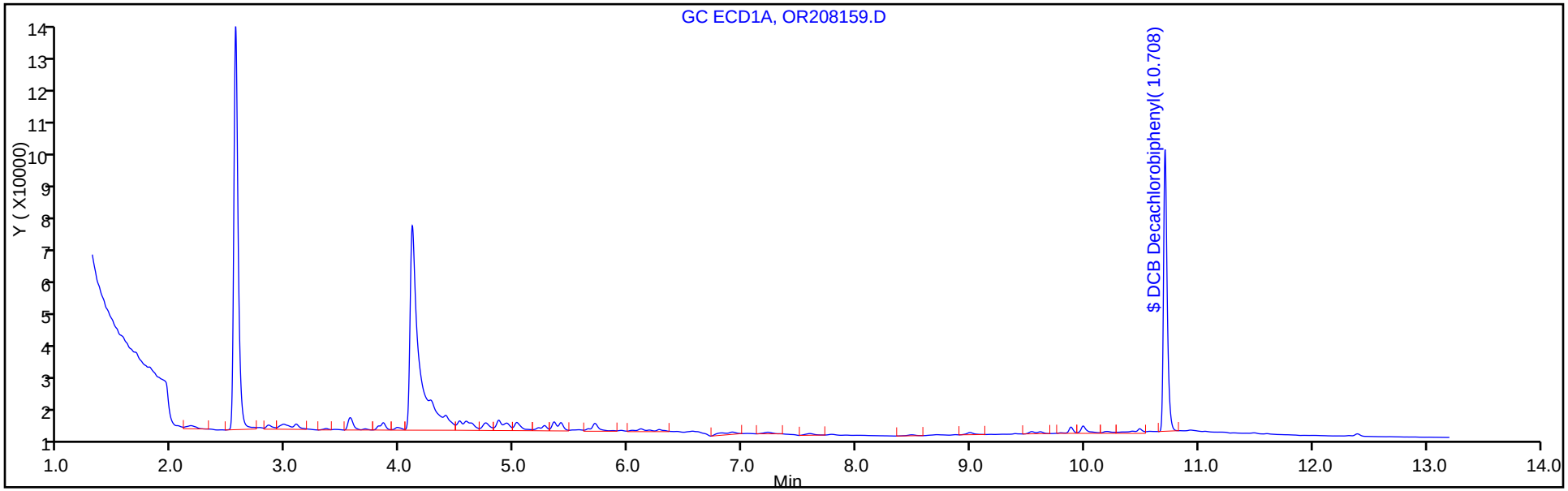
Report Date: 18-Sep-2013 11:44:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

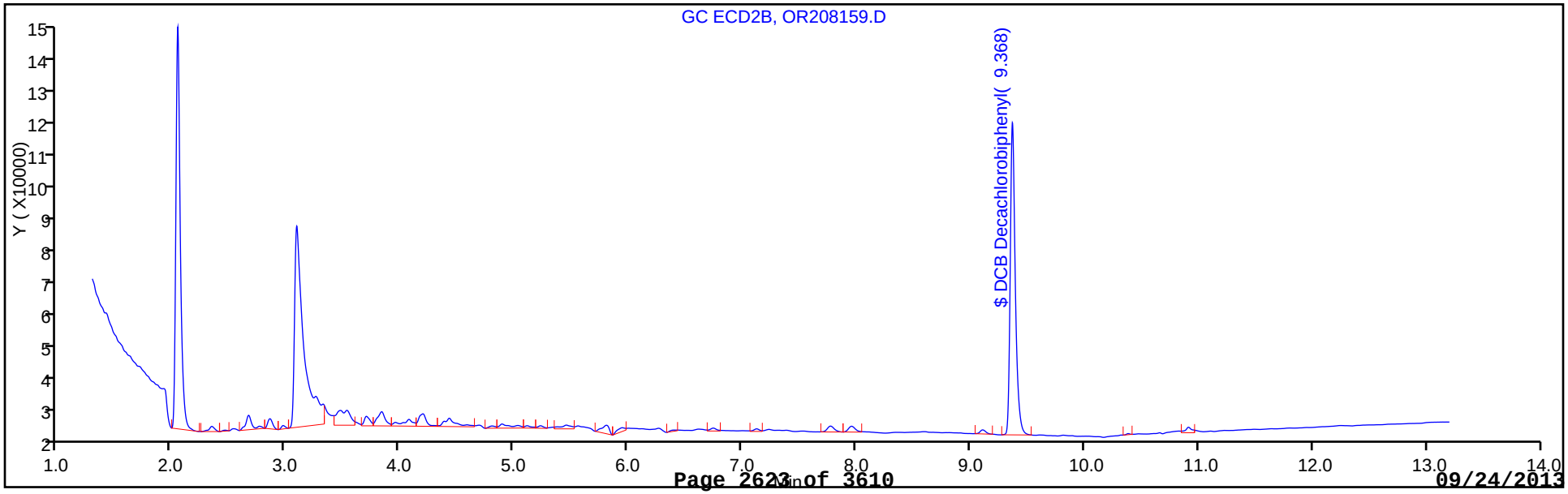
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208159.D

Injection Date:	17-Sep-2013 17:50:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-8SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	33
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-WT | Lab Sample ID: 460-62993-9

Matrix: Solid | Lab File ID: OR208160.D

Analysis Method: 8082 | Date Collected: 09/13/2013 09:00

Extraction Method: 3546 | Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.05(g) | Date Analyzed: 09/17/2013 18:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208160.D		
Lims ID:	460-62993-D-9-B	Client ID:	PMP-8SE-WT
Inject. Date:	17-Sep-2013 18:06:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-034		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	34
Lims Batch ID:	181786	Lims Sample ID:	34
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 08:44:10

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.707	10.710	-0.003	185402	47.6	
2	9.368	9.377	-0.009	309884	43.9	
					RPD = 7.89	

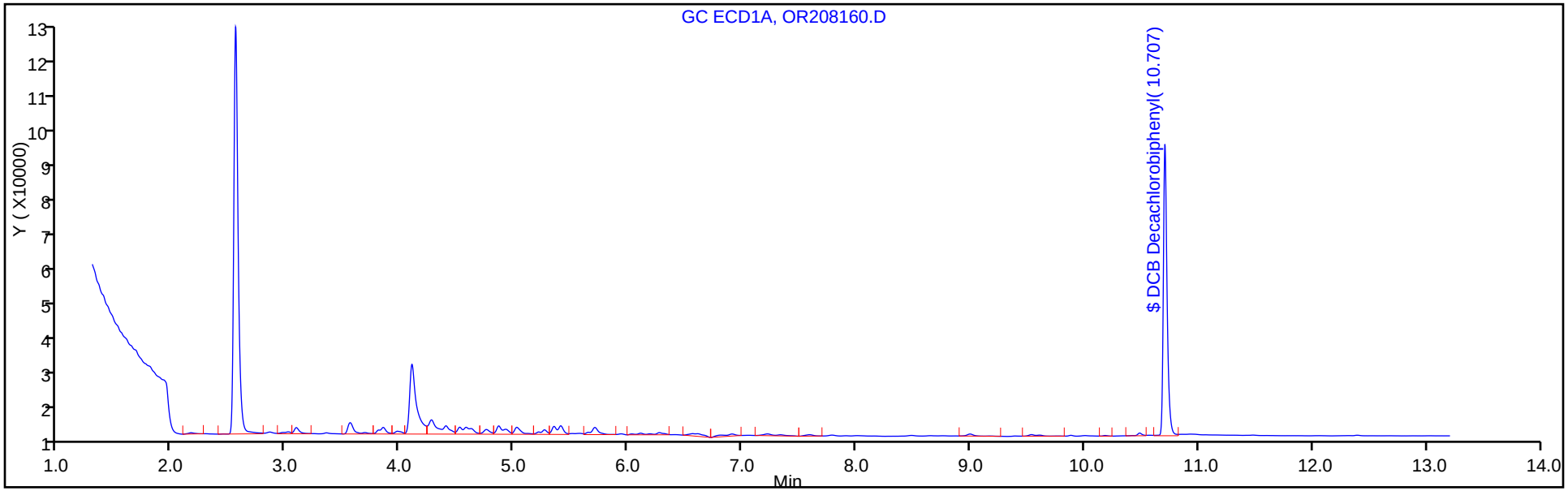
Report Date: 18-Sep-2013 11:44:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

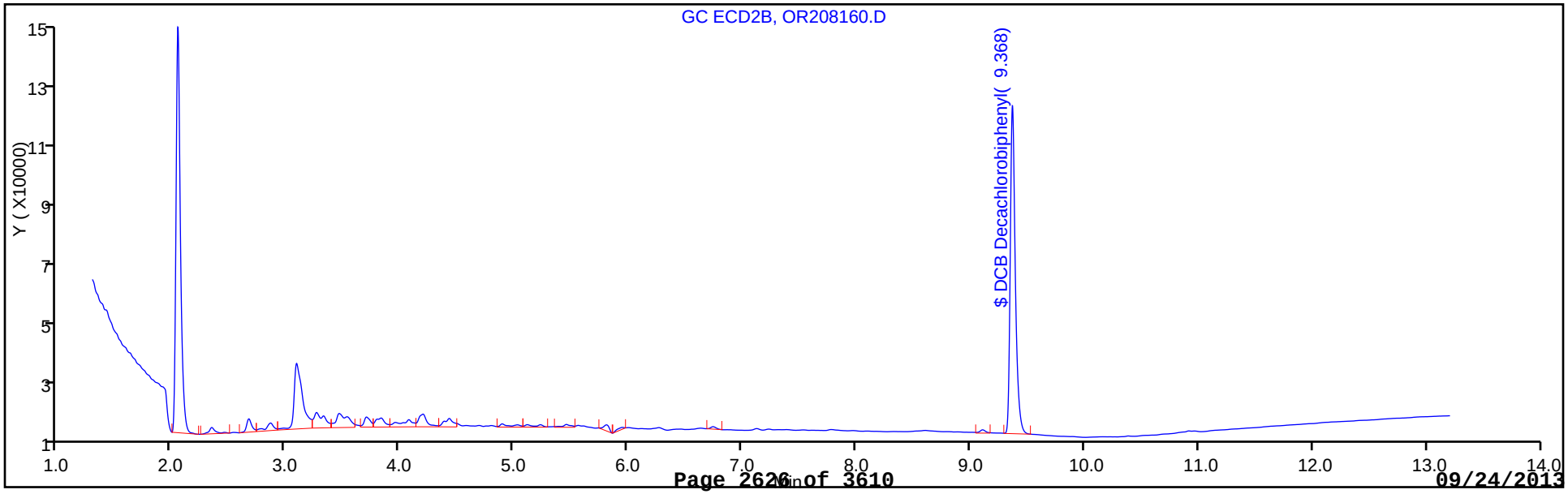
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208160.D

Injection Date:	17-Sep-2013 18:06:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-8SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	34
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-WT | Lab Sample ID: 460-62993-9

Matrix: Solid | Lab File ID: OR208160.D

Analysis Method: 8082 | Date Collected: 09/13/2013 09:00

Extraction Method: 3546 | Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.05(g) | Date Analyzed: 09/17/2013 18:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	73	16
11104-28-2	Aroclor 1221	16	U	73	16
11141-16-5	Aroclor 1232	16	U	73	16
53469-21-9	Aroclor 1242	16	U	73	16
12672-29-6	Aroclor 1248	16	U	73	16
11097-69-1	Aroclor 1254	21	U	73	21
11096-82-5	Aroclor 1260	21	U	73	21
37324-23-5	Aroclor 1262	21	U	73	21
11100-14-4	Aroclor 1268	21	U	73	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208160.D		
Lims ID:	460-62993-D-9-B	Client ID:	PMP-8SE-WT
Inject. Date:	17-Sep-2013 18:06:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-034		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	34
Lims Batch ID:	181786	Lims Sample ID:	34
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 08:44:10

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.707	10.710	-0.003	185402	47.6	
2	9.368	9.377	-0.009	309884	43.9	
					RPD = 7.89	

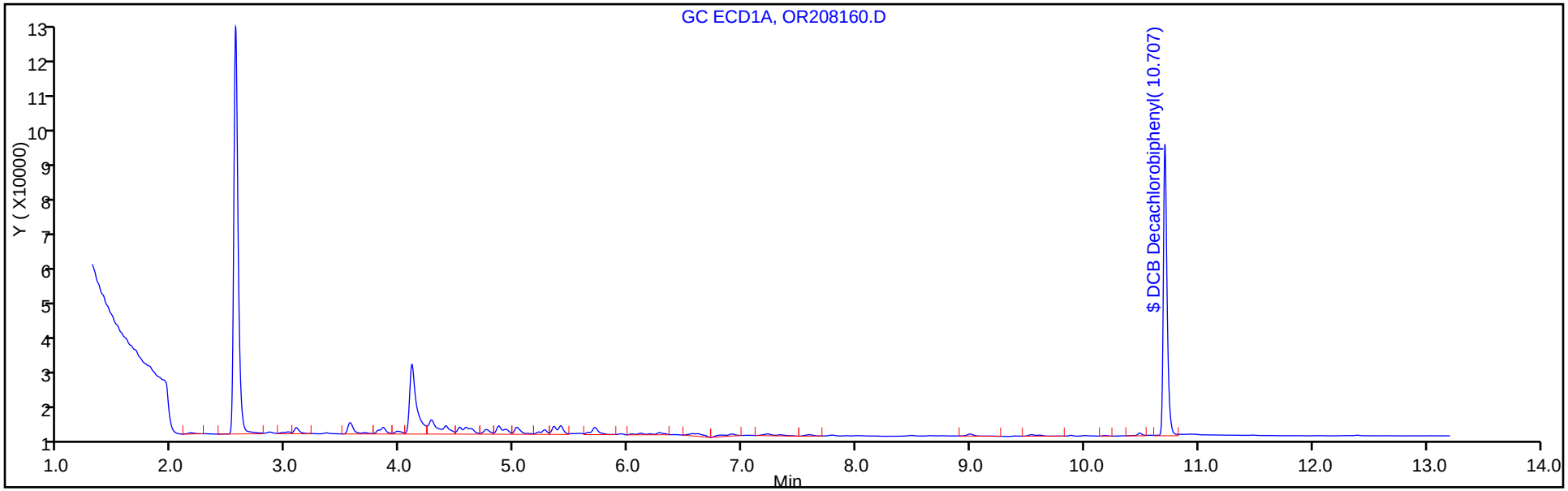
Report Date: 18-Sep-2013 11:44:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

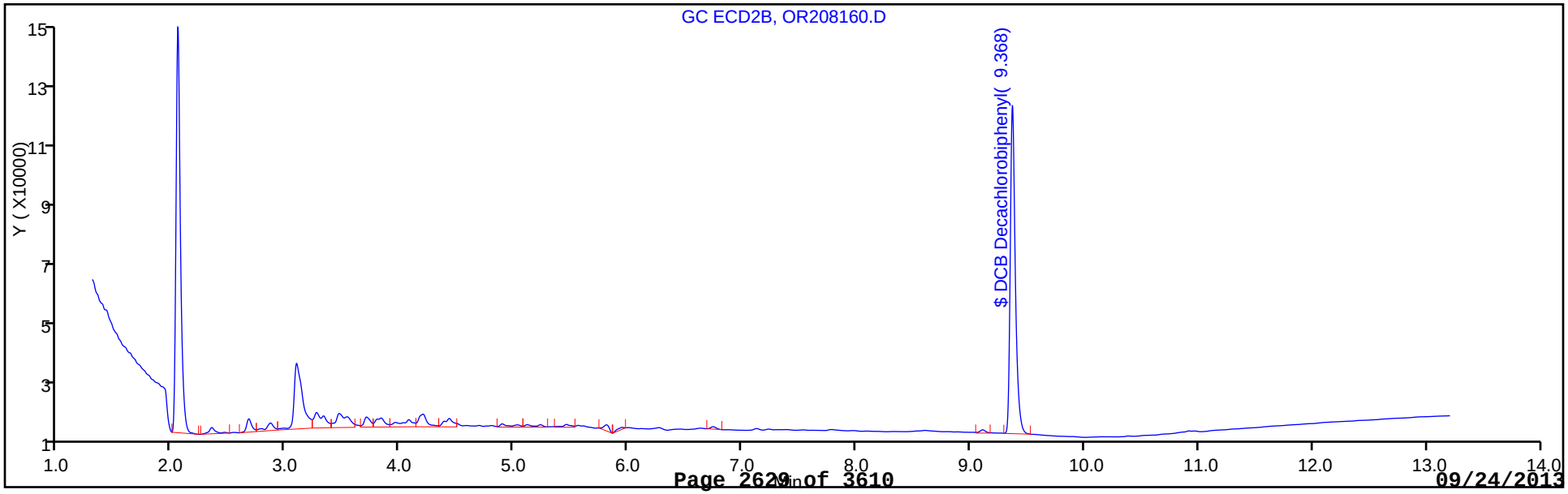
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208160.D

Injection Date:	17-Sep-2013 18:06:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-8SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	34
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VS Lab Sample ID: 460-62993-10

Matrix: Solid Lab File ID: OR208211.D

Analysis Method: 8082 Date Collected: 09/13/2013 09:20

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.04(g) Date Analyzed: 09/18/2013 10:07

Con. Extract Vol.: 10(mL) Dilution Factor: 200

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	190000		14000	3200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208211.D		
Lims ID:	460-62993-E-10-B	Client ID:	PMP-4SE-VS
Inject. Date:	18-Sep-2013 10:07:30	Dil. Factor:	200.0000
Sample Type:	Client		
Sample ID:	460-0004765-008		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	181943	Lims Sample ID:	8
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\8082GC7.m		
Last Update:	18-Sep-2013 15:15:20	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 12:02:56

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
3 PCB-1248						M
1	3.562	3.558	0.004	329162	2238.8	
1	4.105	4.103	0.002	597905	1800.7	
1	4.522	4.523	-0.001	162446	865.7	
1	5.348	5.352	-0.004	197870	757.9	
1	5.407	5.410	-0.003	310137	946.3	M
		Average of Peak Amounts =			1321.9	
2	2.667	2.668	-0.001	349884	1922.3	
2	3.122	3.122	0.0	806724	1863.7	M
2	3.700	3.703	-0.003	393834	952.1	
2	4.197	4.200	-0.003	625565	839.1	
2	4.427	4.430	-0.003	349088	739.1	M
		Average of Peak Amounts =			1263.2	
					RPD = 4.54	

QC Flag Legend

Review Flags
M - Manually Integrated

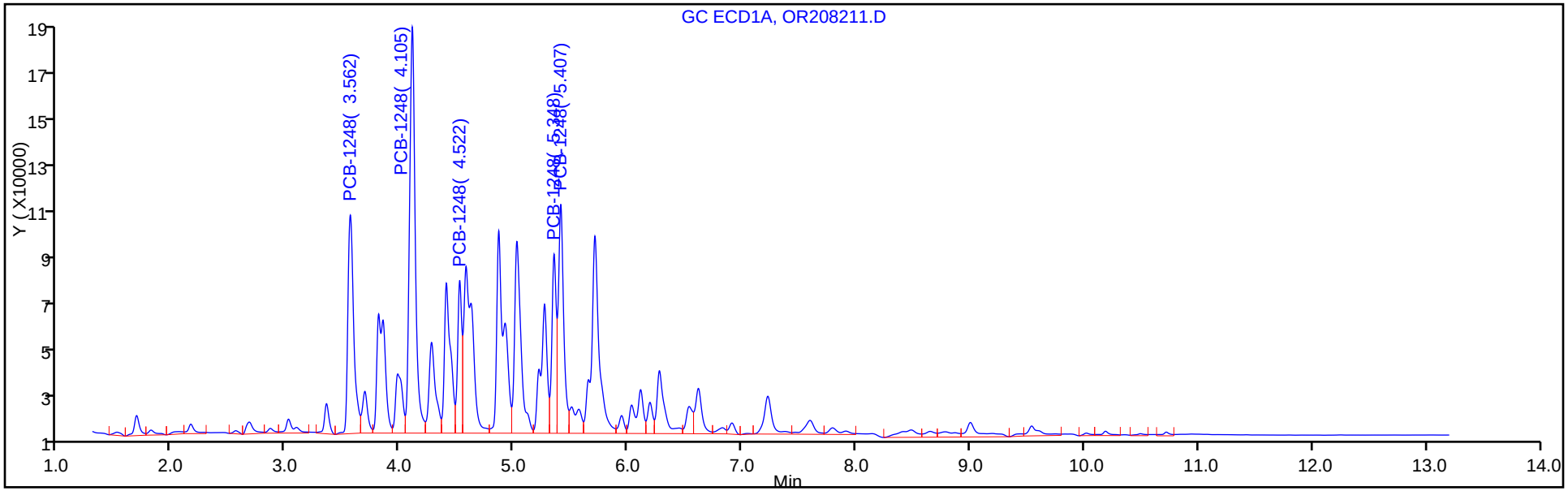
Report Date: 18-Sep-2013 15:15:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

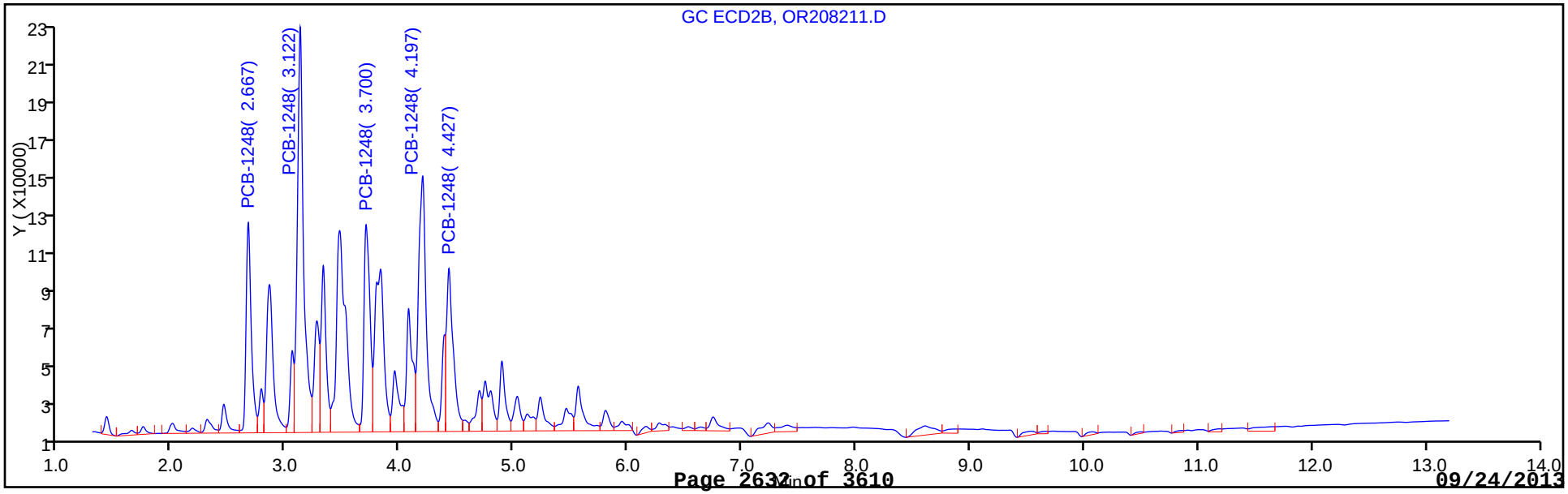
Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208211.D

Injection Date:	18-Sep-2013 10:07:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-4SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



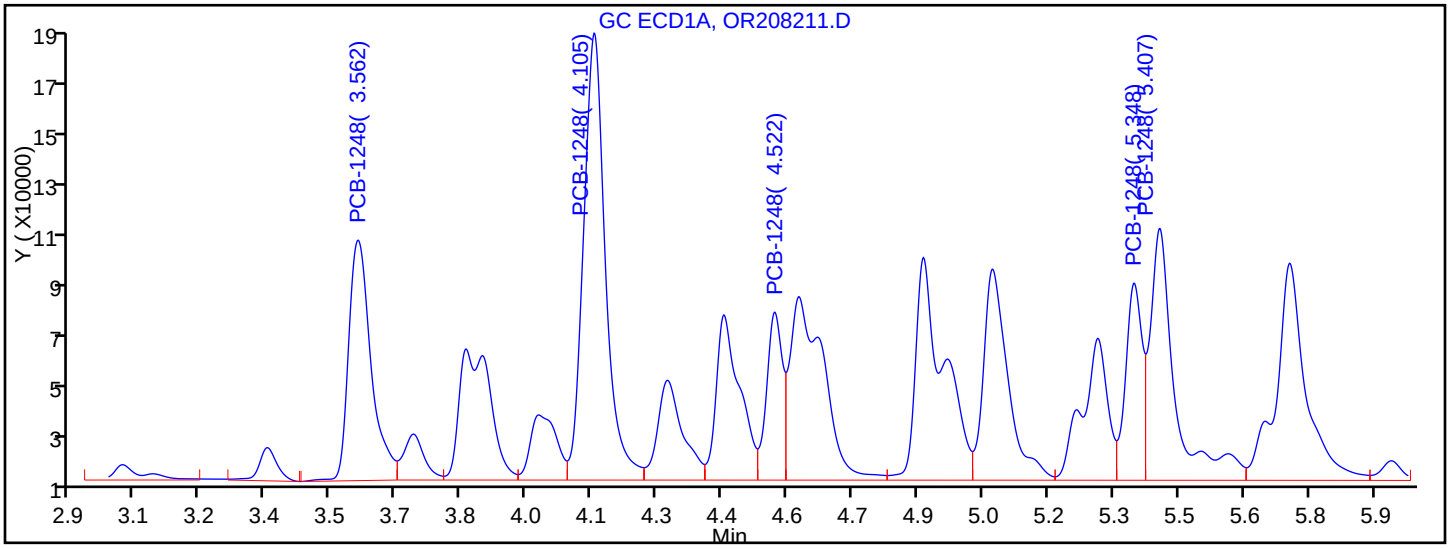
Report Date: 18-Sep-2013 15:15:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208211.D

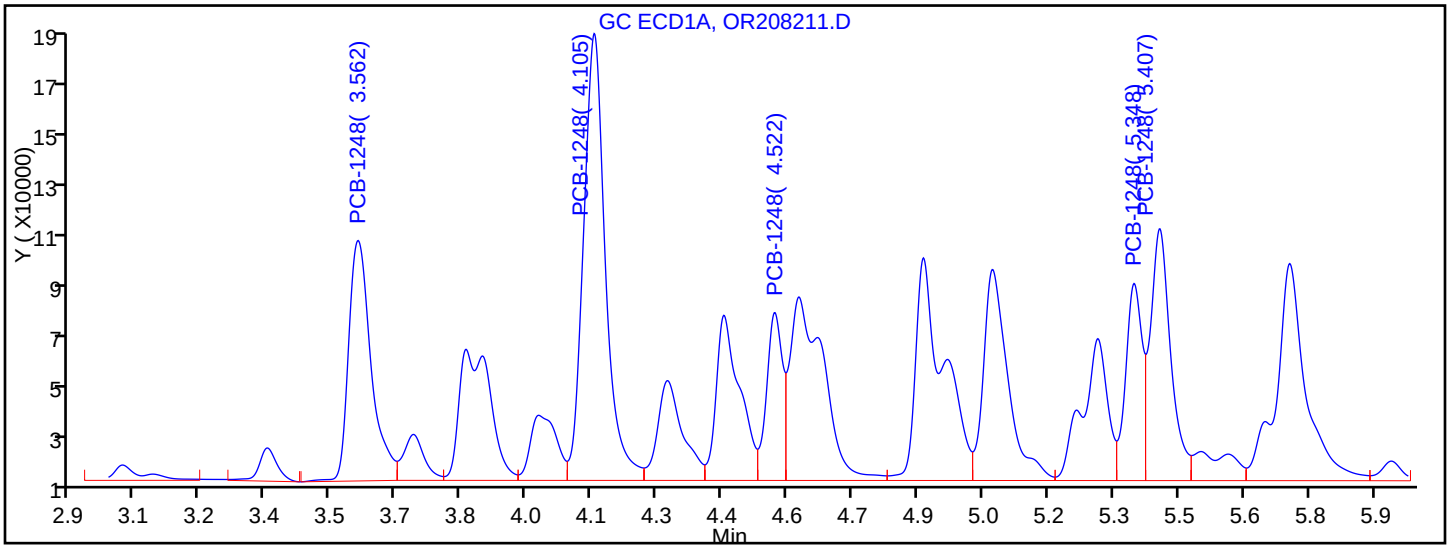
Injection Date:	18-Sep-2013 10:07:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-4SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1248, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.562	Response = 329162	
RT = 4.105	Response = 597905	
RT = 4.522	Response = 162446	
RT = 5.348	Response = 197870	
RT = 5.407	Response = 376868	M



Manual Integration Results

RT = 3.562	Response = 329162	
RT = 4.105	Response = 597905	
RT = 4.522	Response = 162446	
RT = 5.348	Response = 197870	
RT = 5.407	Response = 310137	M

Reviewer: patelji, 18-Sep-2013 12:02:56

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VS | Lab Sample ID: 460-62993-10

Matrix: Solid | Lab File ID: OR208211.D

Analysis Method: 8082 | Date Collected: 09/13/2013 09:20

Extraction Method: 3546 | Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.04(g) | Date Analyzed: 09/18/2013 10:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 200

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	3200	U	14000	3200
11104-28-2	Aroclor 1221	3200	U	14000	3200
11141-16-5	Aroclor 1232	3200	U	14000	3200
53469-21-9	Aroclor 1242	3200	U	14000	3200
11097-69-1	Aroclor 1254	4000	U	14000	4000
11096-82-5	Aroclor 1260	4000	U	14000	4000
37324-23-5	Aroclor 1262	4000	U	14000	4000
11100-14-4	Aroclor 1268	4000	U	14000	4000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208211.D		
Lims ID:	460-62993-E-10-B	Client ID:	PMP-4SE-VS
Inject. Date:	18-Sep-2013 10:07:30	Dil. Factor:	200.0000
Sample Type:	Client		
Sample ID:	460-0004765-008		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	181943	Lims Sample ID:	8
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\8082GC7.m		
Last Update:	18-Sep-2013 15:15:20	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 12:02:56

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
3 PCB-1248						M
1	3.562	3.558	0.004	329162	2238.8	
1	4.105	4.103	0.002	597905	1800.7	
1	4.522	4.523	-0.001	162446	865.7	
1	5.348	5.352	-0.004	197870	757.9	
1	5.407	5.410	-0.003	310137	946.3	M
		Average of Peak Amounts =			1321.9	
2	2.667	2.668	-0.001	349884	1922.3	
2	3.122	3.122	0.0	806724	1863.7	M
2	3.700	3.703	-0.003	393834	952.1	
2	4.197	4.200	-0.003	625565	839.1	
2	4.427	4.430	-0.003	349088	739.1	M
		Average of Peak Amounts =			1263.2	
					RPD = 4.54	

QC Flag Legend

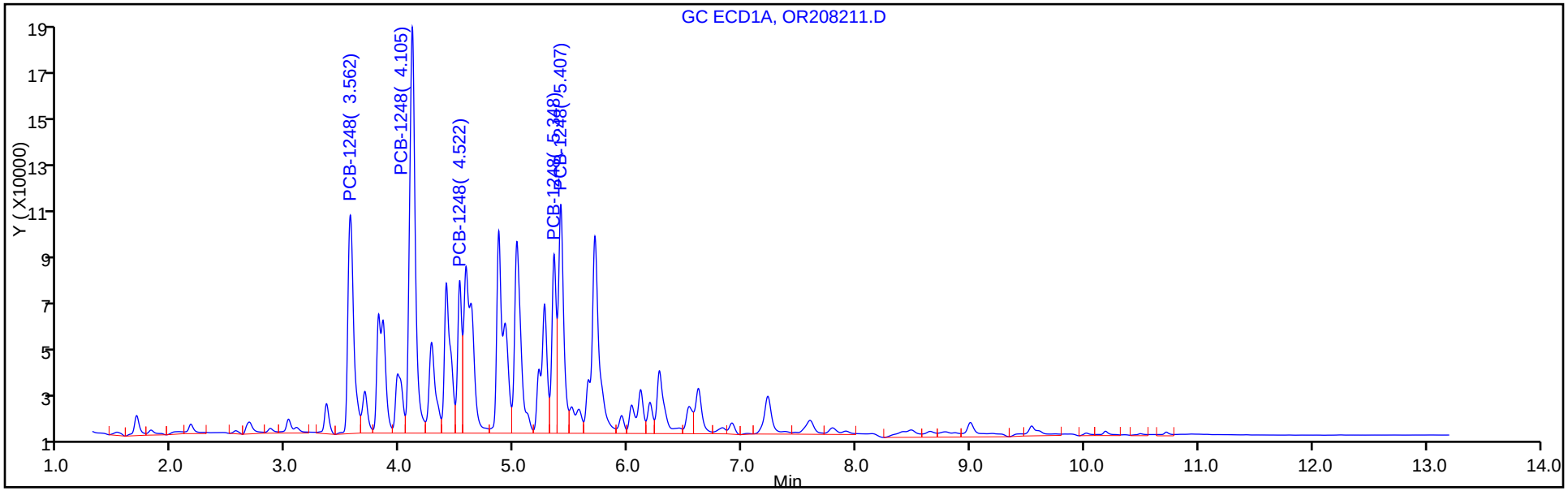
Review Flags
M - Manually Integrated

Report Date: 18-Sep-2013 15:15:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

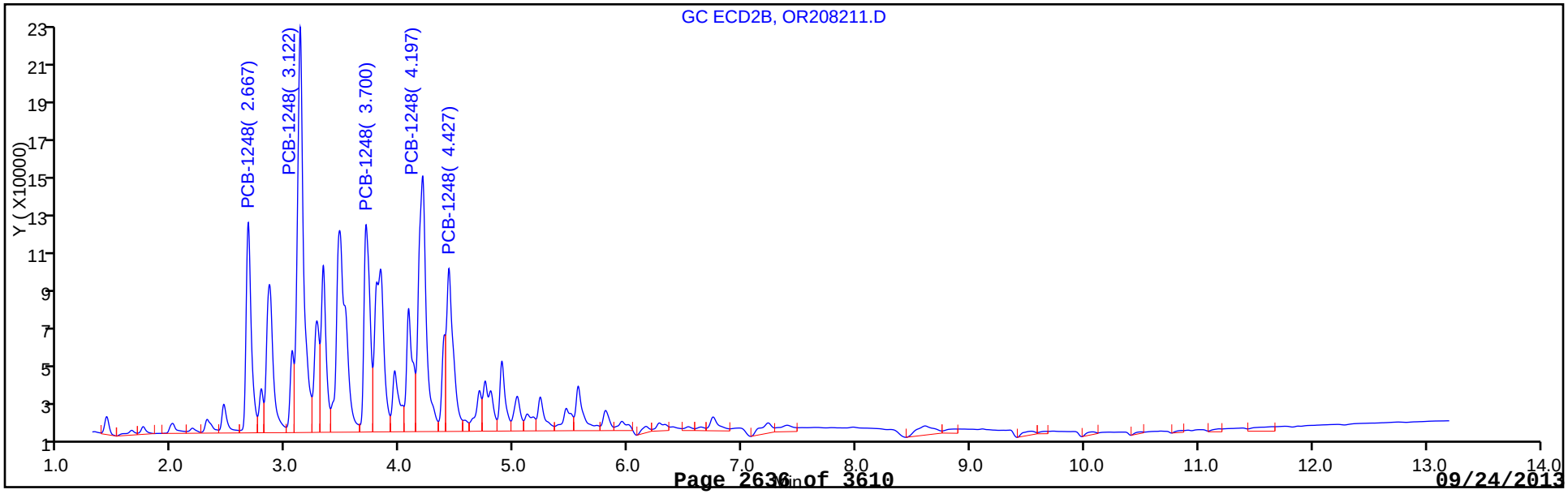
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208211.D		
Injection Date:	18-Sep-2013 10:07:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-4SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



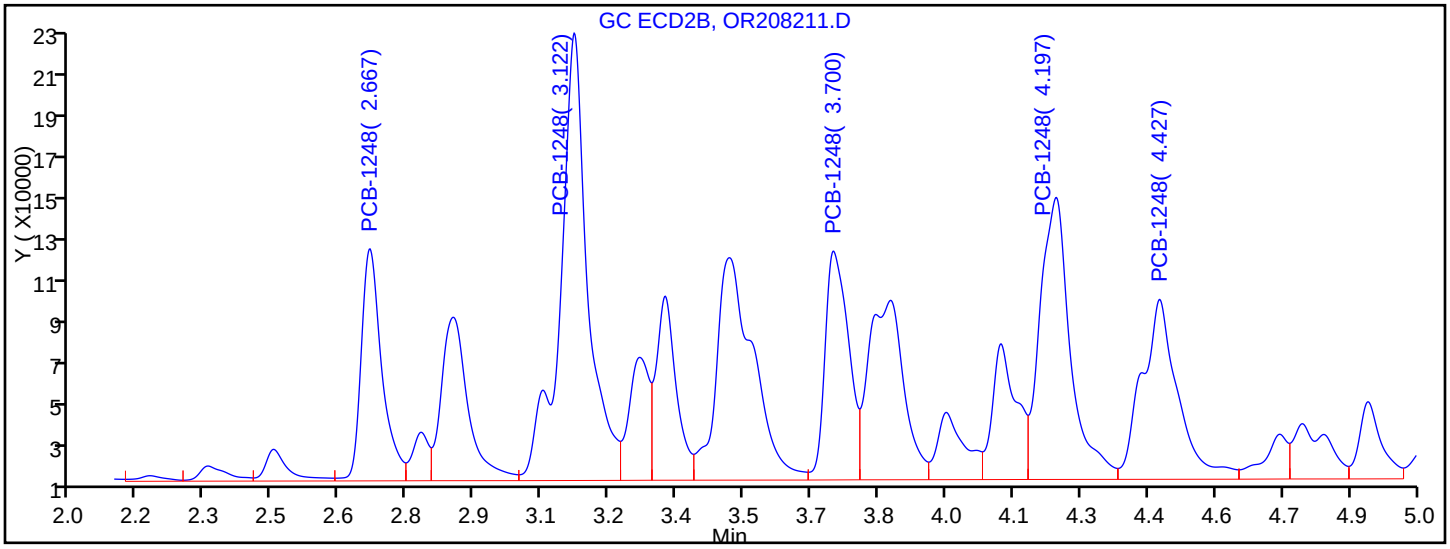
Report Date: 18-Sep-2013 15:15:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208211.D

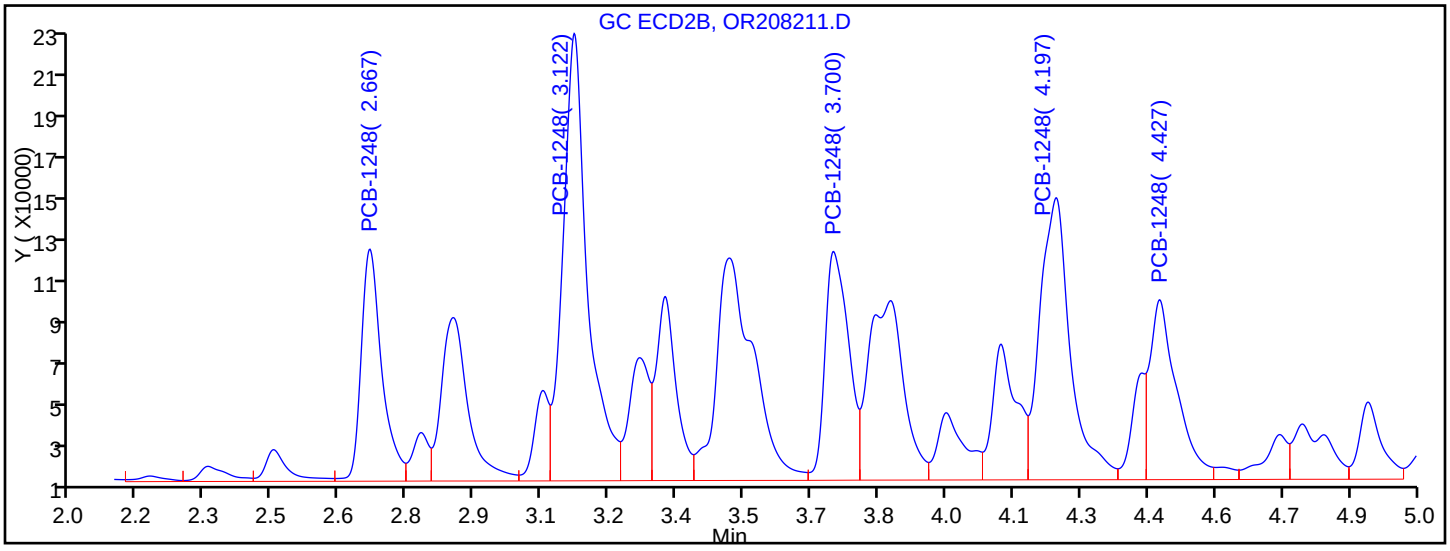
Injection Date:	18-Sep-2013 10:07:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-4SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1248, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.667	Response = 349884	
RT = 3.122	Response = 902282	M
RT = 3.700	Response = 393834	
RT = 4.197	Response = 625565	
RT = 4.427	Response = 474399	M



Manual Integration Results

RT = 2.667	Response = 349884	
RT = 3.122	Response = 806724	M
RT = 3.700	Response = 393834	
RT = 4.197	Response = 625565	
RT = 4.427	Response = 349088	M

Reviewer: patelji, 18-Sep-2013 12:02:56

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VD Lab Sample ID: 460-62993-11

Matrix: Solid Lab File ID: OR208162.D

Analysis Method: 8082 Date Collected: 09/13/2013 09:30

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.01(g) Date Analyzed: 09/17/2013 18:39

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 7.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208162.D		
Lims ID:	460-62993-E-11-B	Client ID:	PMP-4SE-VD
Inject. Date:	17-Sep-2013 18:39:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-036		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	36
Lims Batch ID:	181786	Lims Sample ID:	36
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 08:45:41

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.710	10.710	0.0	190686	48.9	
2	9.370	9.377	-0.007	291802	41.4	
					RPD = 16.68	

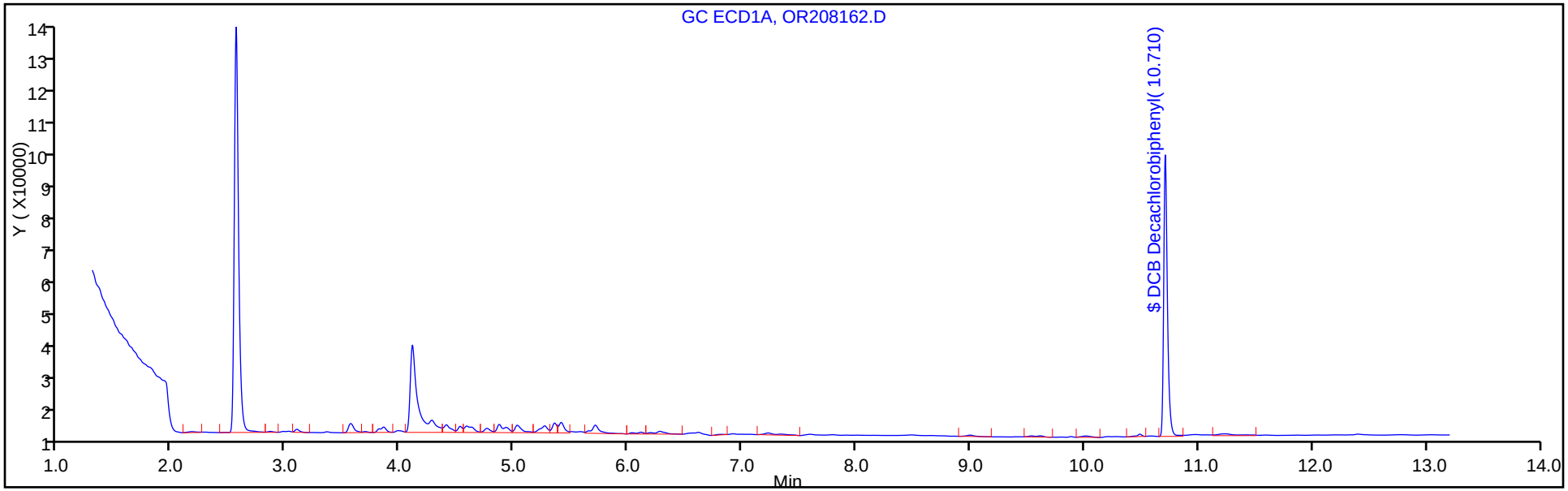
Report Date: 18-Sep-2013 11:45:00 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

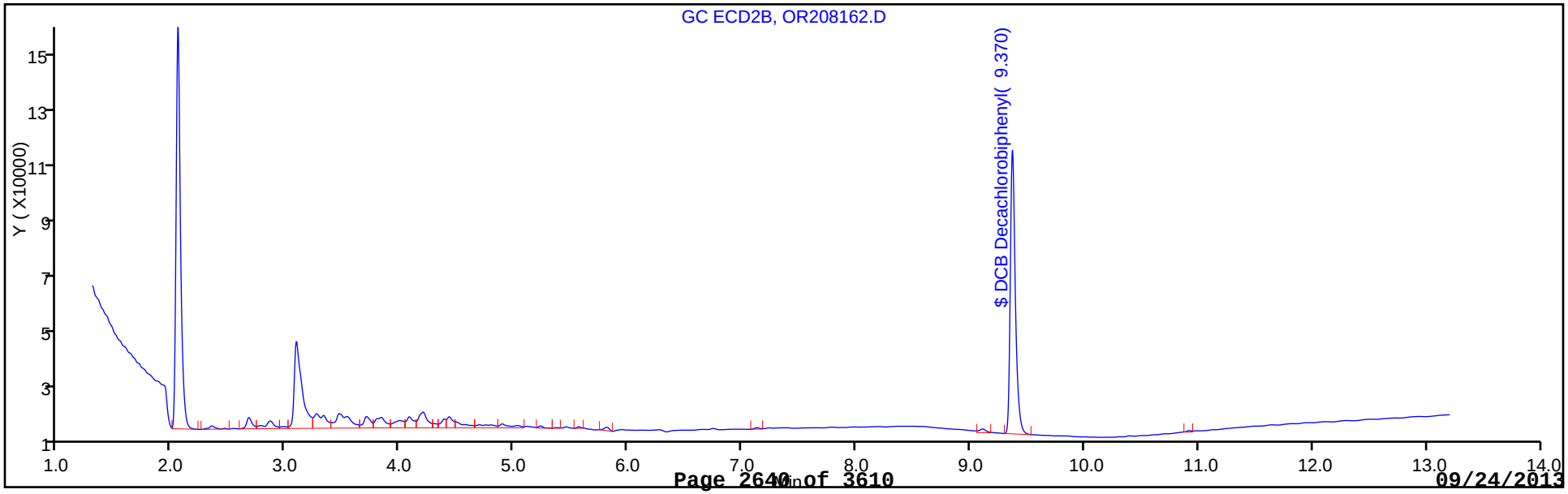
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208162.D

Injection Date:	17-Sep-2013 18:39:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-4SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	36
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VD | Lab Sample ID: 460-62993-11

Matrix: Solid | Lab File ID: OR208162.D

Analysis Method: 8082 | Date Collected: 09/13/2013 09:30

Extraction Method: 3546 | Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.01(g) | Date Analyzed: 09/17/2013 18:39

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 7.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	72	16
11104-28-2	Aroclor 1221	16	U	72	16
11141-16-5	Aroclor 1232	16	U	72	16
53469-21-9	Aroclor 1242	16	U	72	16
12672-29-6	Aroclor 1248	16	U	72	16
11097-69-1	Aroclor 1254	20	U	72	20
11096-82-5	Aroclor 1260	20	U	72	20
37324-23-5	Aroclor 1262	20	U	72	20
11100-14-4	Aroclor 1268	20	U	72	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	83		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208162.D		
Lims ID:	460-62993-E-11-B	Client ID:	PMP-4SE-VD
Inject. Date:	17-Sep-2013 18:39:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-036		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	36
Lims Batch ID:	181786	Lims Sample ID:	36
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 08:45:41

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.710	10.710	0.0	190686	48.9	
2	9.370	9.377	-0.007	291802	41.4	
					RPD = 16.68	

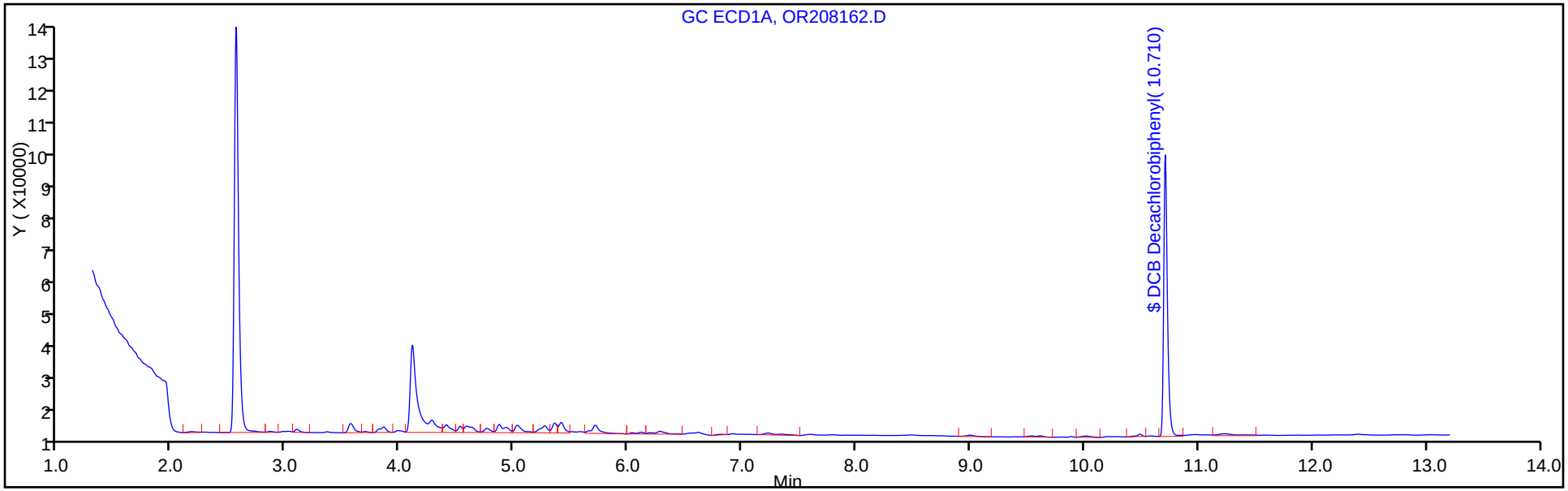
Report Date: 18-Sep-2013 11:45:00 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

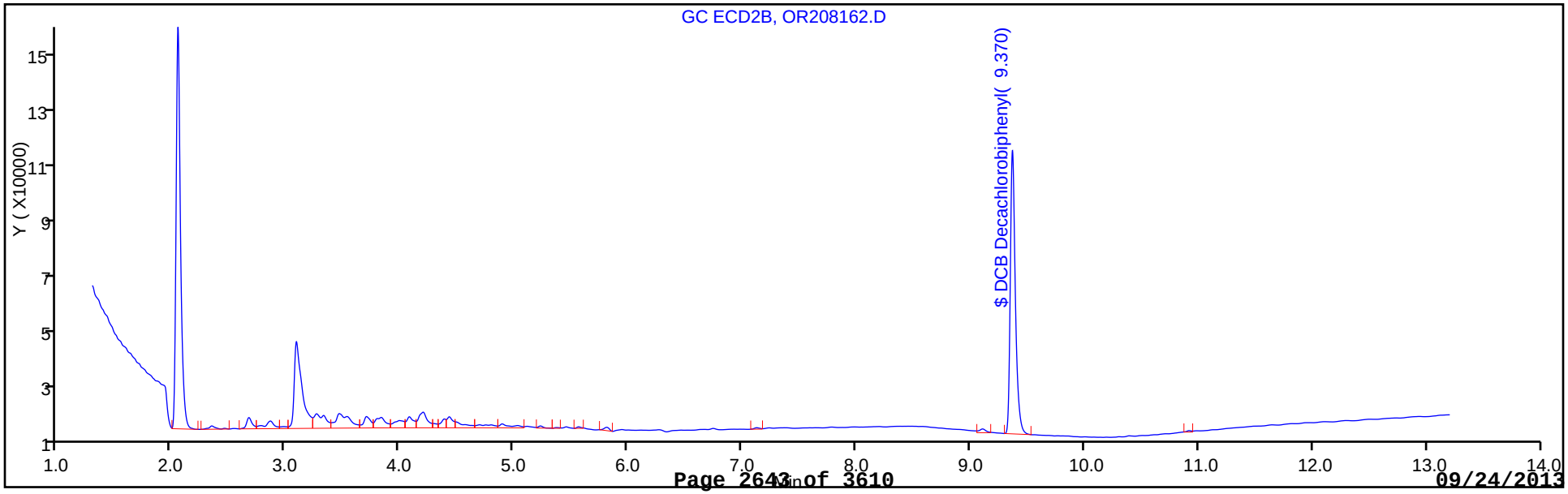
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208162.D

Injection Date:	17-Sep-2013 18:39:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-4SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	36
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-WT Lab Sample ID: 460-62993-12

Matrix: Solid Lab File ID: OR208163.D

Analysis Method: 8082 Date Collected: 09/13/2013 09:25

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.04(g) Date Analyzed: 09/17/2013 18:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208163.D		
Lims ID:	460-62993-E-12-B	Client ID:	PMP-4SE-WT
Inject. Date:	17-Sep-2013 18:55:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-037		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	37
Lims Batch ID:	181786	Lims Sample ID:	37
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 10:58:04

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
3 PCB-1248						M
1	3.562	3.558	0.004	28363	192.9	M
1	4.105	4.103	0.002	91944	276.9	
1	4.522	4.523	-0.001	15511	82.7	M
1	5.348	5.352	-0.004	15577	59.7	
1	5.408	5.410	-0.002	26398	80.5	M
		Average of Peak Amounts =			138.5	
2	2.672	2.668	0.004	32164	176.7	
2	3.123	3.122	0.001	124141	286.8	
2	3.703	3.703	0.0	39407	95.3	
2	4.202	4.200	0.002	61081	81.9	
2	4.428	4.430	-0.002	38178	80.8	M
		Average of Peak Amounts =			144.3	
					RPD = 4.08	
$ 5 DCB Decachlorobiphenyl						
1	10.710	10.710	0.0	193219	49.6	
2	9.368	9.377	-0.009	327669	46.5	
					RPD = 6.44	

QC Flag Legend

Review Flags
M - Manually Integrated

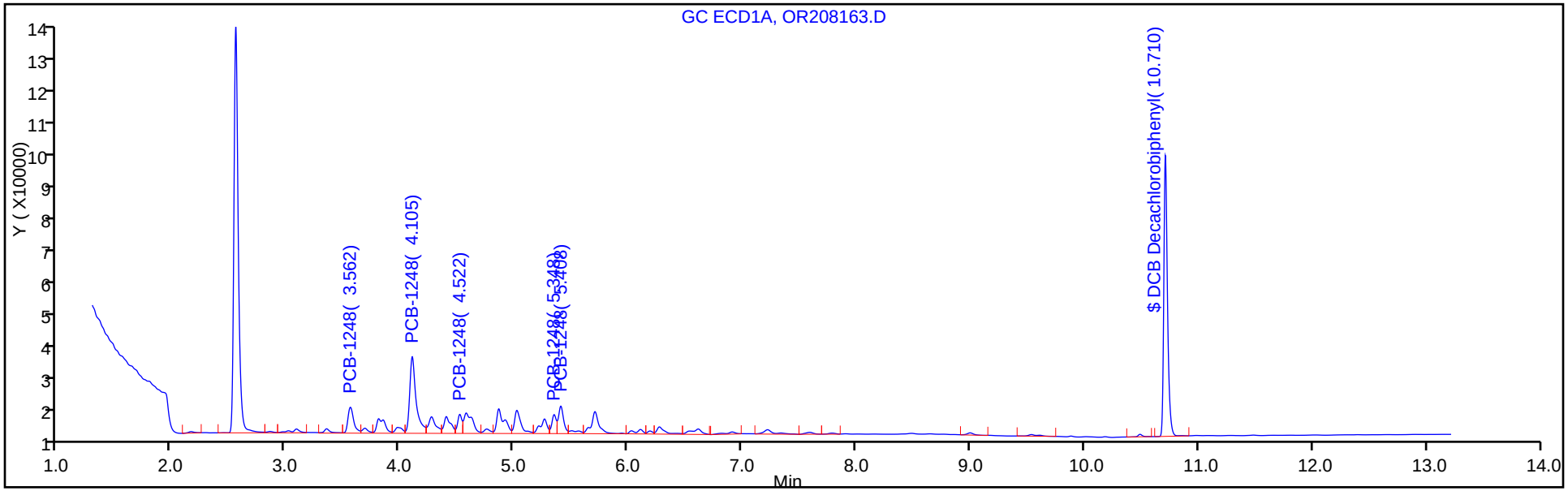
Report Date: 18-Sep-2013 11:45:02 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

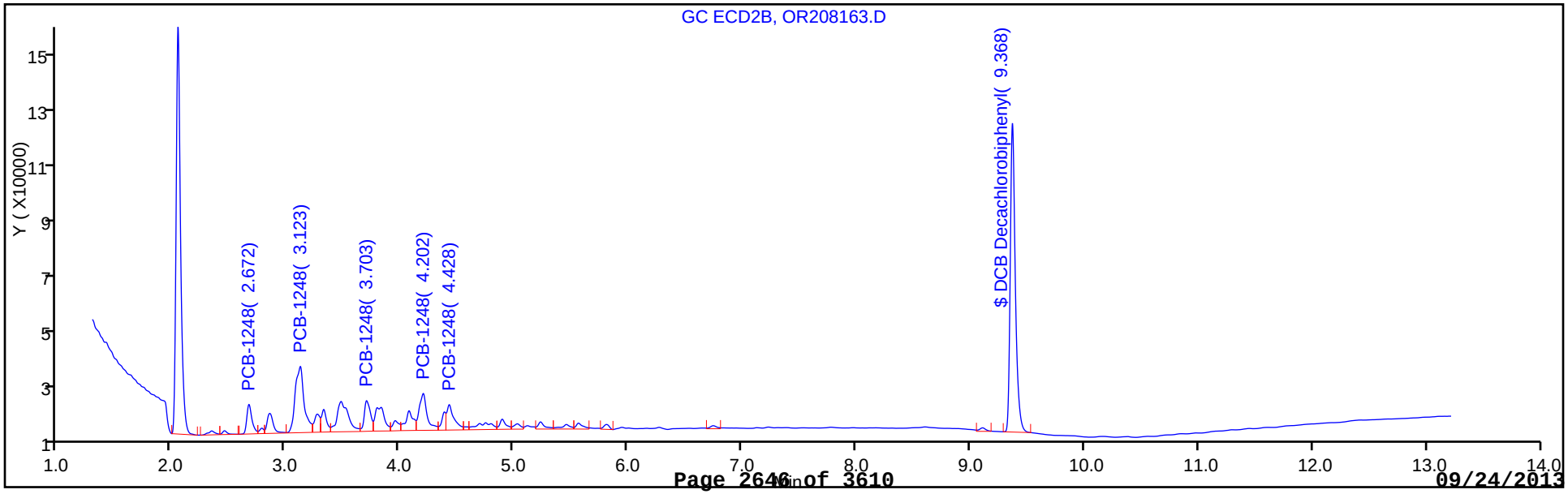
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208163.D

Injection Date:	17-Sep-2013 18:55:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-4SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	37
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



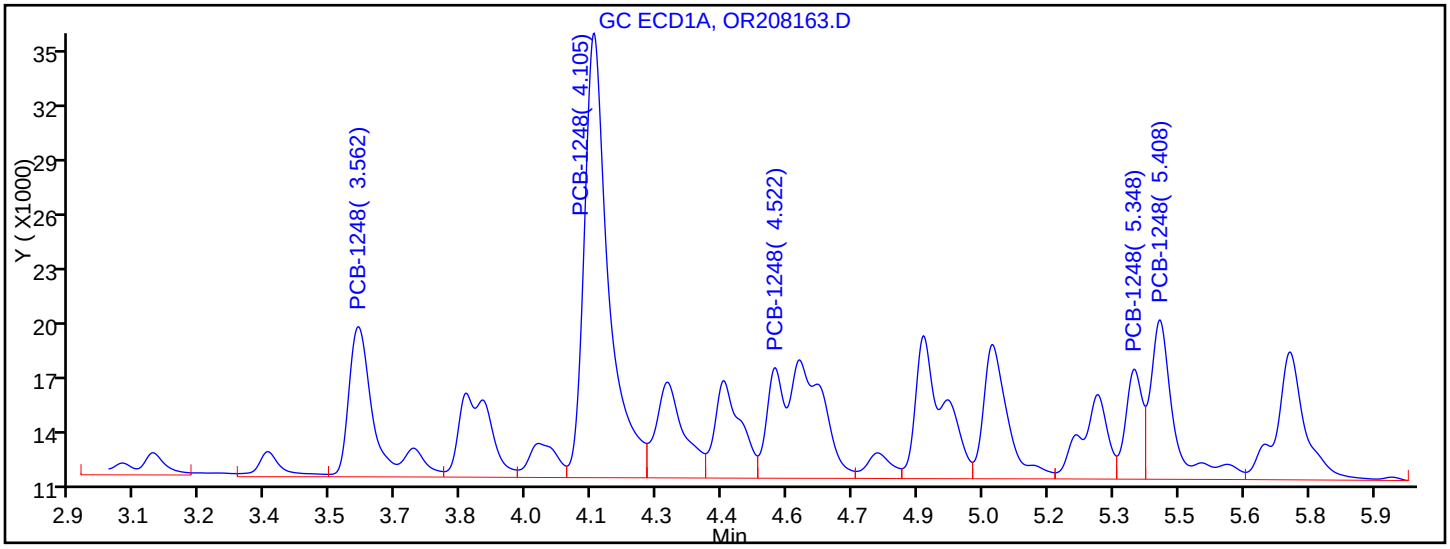
Report Date: 18-Sep-2013 11:45:02 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208163.D

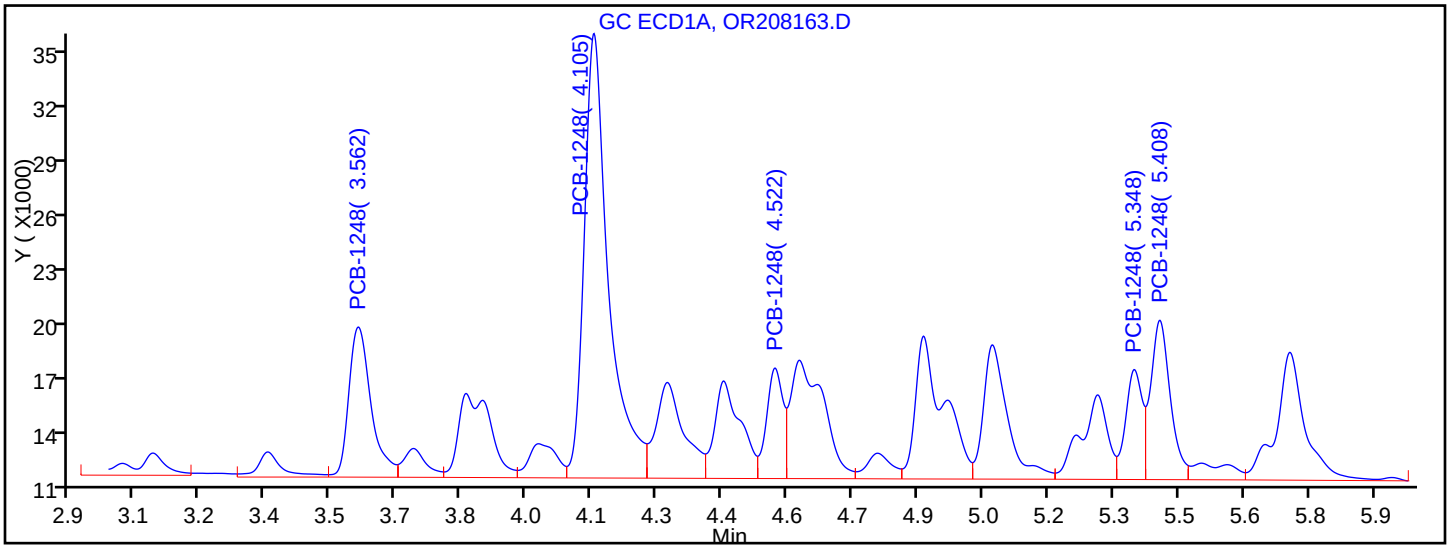
Injection Date:	17-Sep-2013 18:55:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-4SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	37
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1248, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.562	Response = 33798	M
RT = 4.105	Response = 91944	
RT = 4.522	Response = 48374	M
RT = 5.348	Response = 15577	
RT = 5.408	Response = 31946	M



Manual Integration Results

RT = 3.562	Response = 28363	M
RT = 4.105	Response = 91944	
RT = 4.522	Response = 15511	M
RT = 5.348	Response = 15577	
RT = 5.408	Response = 26398	M

Reviewer: patelji, 18-Sep-2013 10:58:04

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-WT | Lab Sample ID: 460-62993-12

Matrix: Solid | Lab File ID: OR208163.D

Analysis Method: 8082 | Date Collected: 09/13/2013 09:25

Extraction Method: 3546 | Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.04(g) | Date Analyzed: 09/17/2013 18:55

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	69	15
11104-28-2	Aroclor 1221	15	U	69	15
11141-16-5	Aroclor 1232	15	U	69	15
53469-21-9	Aroclor 1242	15	U	69	15
12672-29-6	Aroclor 1248	99		69	15
11097-69-1	Aroclor 1254	20	U	69	20
11096-82-5	Aroclor 1260	20	U	69	20
37324-23-5	Aroclor 1262	20	U	69	20
11100-14-4	Aroclor 1268	20	U	69	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208163.D		
Lims ID:	460-62993-E-12-B	Client ID:	PMP-4SE-WT
Inject. Date:	17-Sep-2013 18:55:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-037		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	37
Lims Batch ID:	181786	Lims Sample ID:	37
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 10:58:04

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
3 PCB-1248						M
1	3.562	3.558	0.004	28363	192.9	M
1	4.105	4.103	0.002	91944	276.9	
1	4.522	4.523	-0.001	15511	82.7	M
1	5.348	5.352	-0.004	15577	59.7	
1	5.408	5.410	-0.002	26398	80.5	M
		Average of Peak Amounts =			138.5	
2	2.672	2.668	0.004	32164	176.7	
2	3.123	3.122	0.001	124141	286.8	
2	3.703	3.703	0.0	39407	95.3	
2	4.202	4.200	0.002	61081	81.9	
2	4.428	4.430	-0.002	38178	80.8	M
		Average of Peak Amounts =			144.3	
					RPD = 4.08	
$ 5 DCB Decachlorobiphenyl						
1	10.710	10.710	0.0	193219	49.6	
2	9.368	9.377	-0.009	327669	46.5	
					RPD = 6.44	

QC Flag Legend

Review Flags
M - Manually Integrated

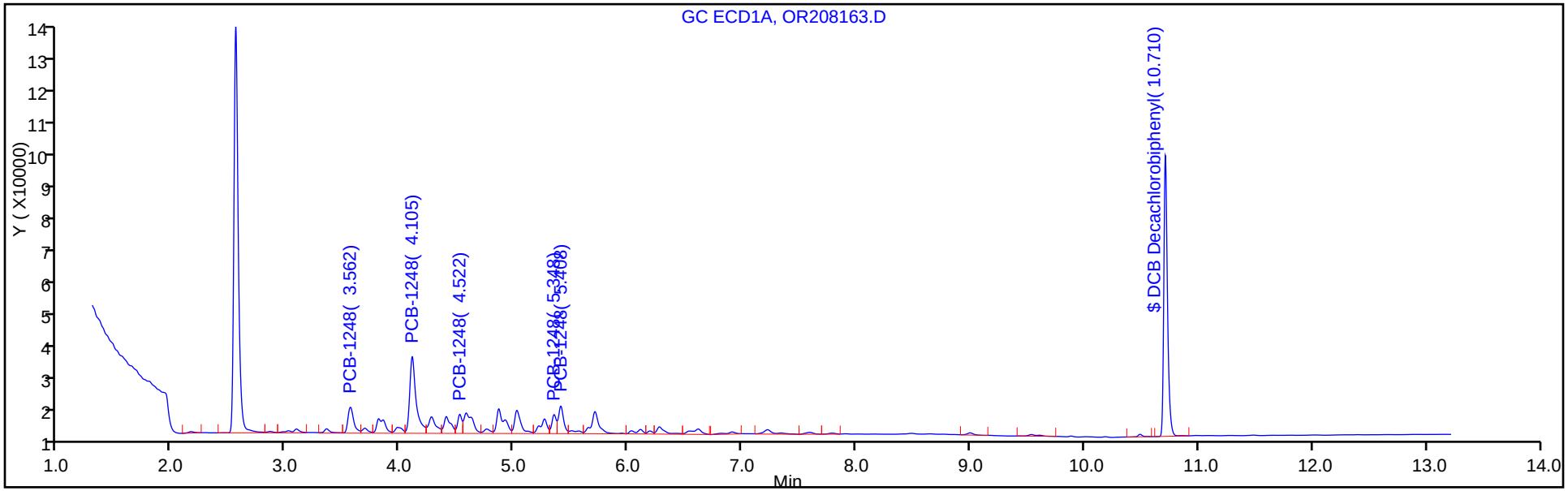
Report Date: 18-Sep-2013 11:45:02 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

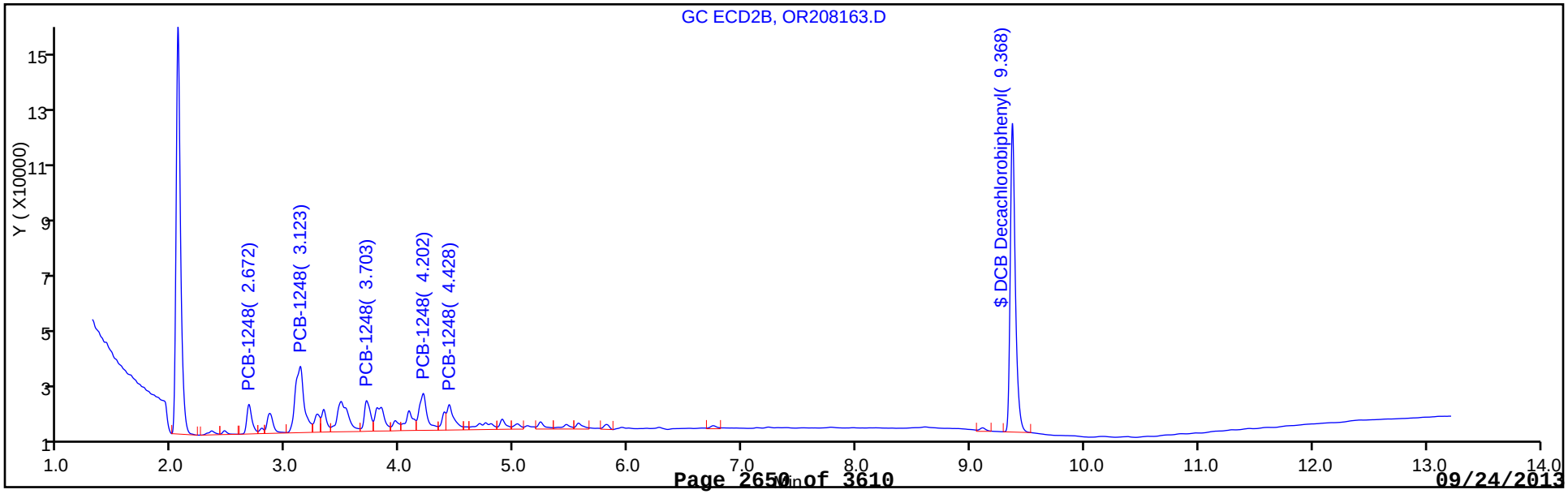
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208163.D

Injection Date:	17-Sep-2013 18:55:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-4SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	37
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



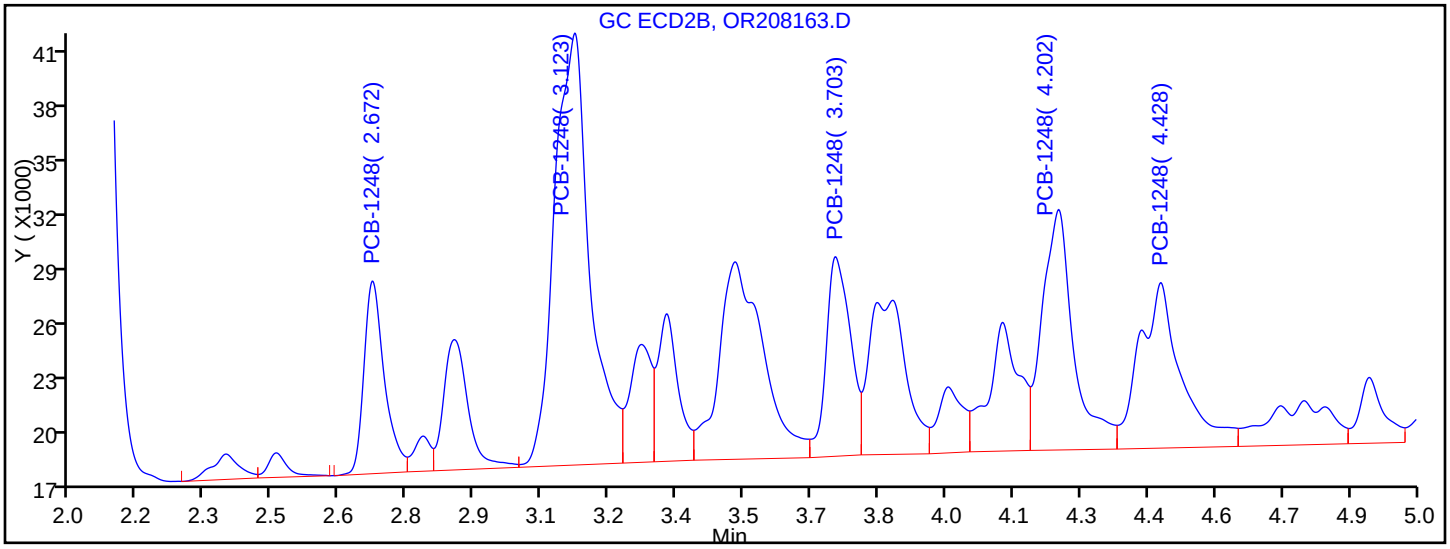
Report Date: 18-Sep-2013 11:45:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208163.D

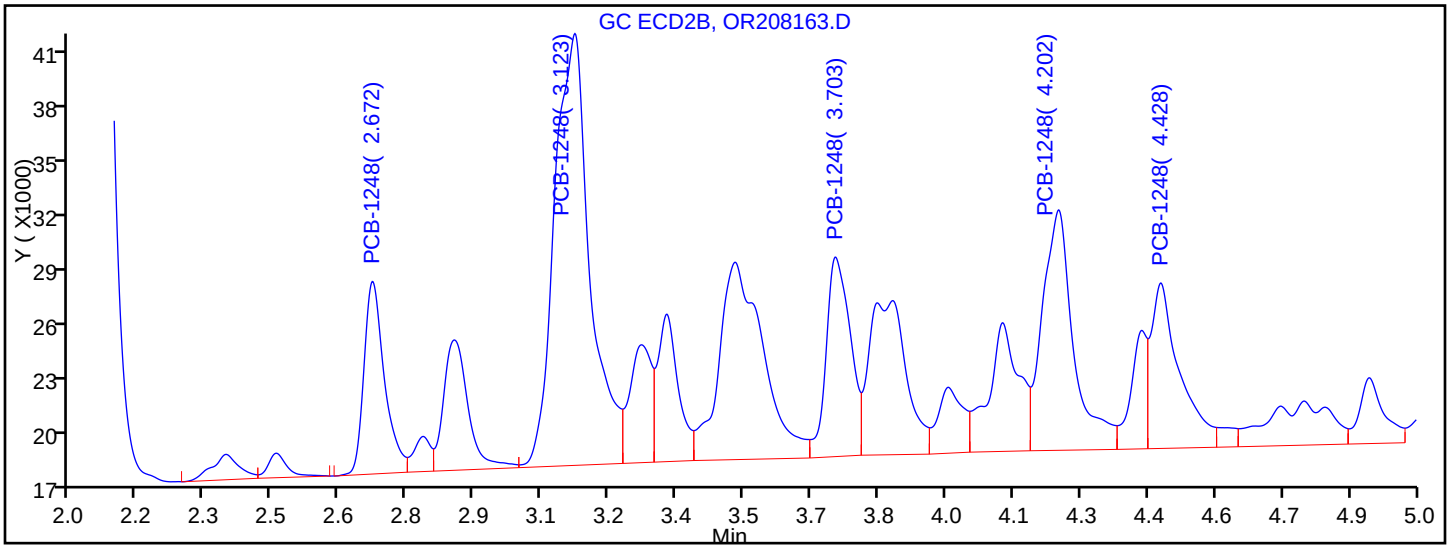
Injection Date:	17-Sep-2013 18:55:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-4SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	37
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1248, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.672 Response = 32164
RT = 3.123 Response = 124141
RT = 3.703 Response = 39407
RT = 4.202 Response = 61081
RT = 4.428 Response = 56276 M



Manual Integration Results

RT = 2.672 Response = 32164
RT = 3.123 Response = 124141
RT = 3.703 Response = 39407
RT = 4.202 Response = 61081
RT = 4.428 Response = 38178 M

Reviewer: patelji, 18-Sep-2013 10:58:04
Audit Action: Split an Integrated Peak
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-VS Lab Sample ID: 460-62993-13

Matrix: Solid Lab File ID: OR208164.D

Analysis Method: 8082 Date Collected: 09/13/2013 09:35

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.03(g) Date Analyzed: 09/17/2013 19:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	340		71	16
11096-82-5	Aroclor 1260	62	J	71	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208164.D
Lims ID: 460-62993-E-13-B Client ID: PMP-14SE-VS
Inject. Date: 17-Sep-2013 19:11:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-0004712-038
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 38
Lims Batch ID: 181786 Lims Sample ID: 38
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m
Last Update: 18-Sep-2013 11:43:36 Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji Date: 18-Sep-2013 11:00:26

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
3 PCB-1248						M
1	3.568	3.558	0.010	30333	206.3	M
1	4.108	4.103	0.005	191716	577.4	M
1	4.523	4.523	0.0	84595	450.8	M
1	5.350	5.352	-0.002	134865	516.6	
1	5.408	5.410	-0.002	210134	641.2	M
		Average of Peak Amounts =			478.5	
2	2.672	2.668	0.004	33144	182.1	
2	3.125	3.122	0.003	267708	618.4	
2	3.702	3.703	-0.001	168593	407.6	
2	4.198	4.200	-0.002	397063	532.6	
2	4.427	4.430	-0.003	251424	532.3	M
		Average of Peak Amounts =			454.6	
					RPD = 5.11	
10 PCB-1260						M
1	0.0	6.575	-6.575	0	0	
1	0.0	6.920	-6.920	0	0	
1	8.483	8.497	-0.014	39732	98.7	M
1	8.998	9.007	-0.009	63690	94.0	M
1	10.185	10.185	0.0	11418	71.9	
		Average of Peak Amounts =			88.2	
2	0.0	5.118	-5.118	0	0	
2	6.270	6.277	-0.007	30514	75.3	
2	6.743	6.752	-0.009	74951	77.7	M
2	7.228	7.238	-0.010	36860	74.2	M
2	0.0	8.613	-8.613	0	0	
		Average of Peak Amounts =			75.7	
					RPD = 15.22	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.720	10.710	0.010	178533	45.8	
2	9.368	9.377	-0.009	271370	38.5	
					RPD = 17.34	

QC Flag Legend

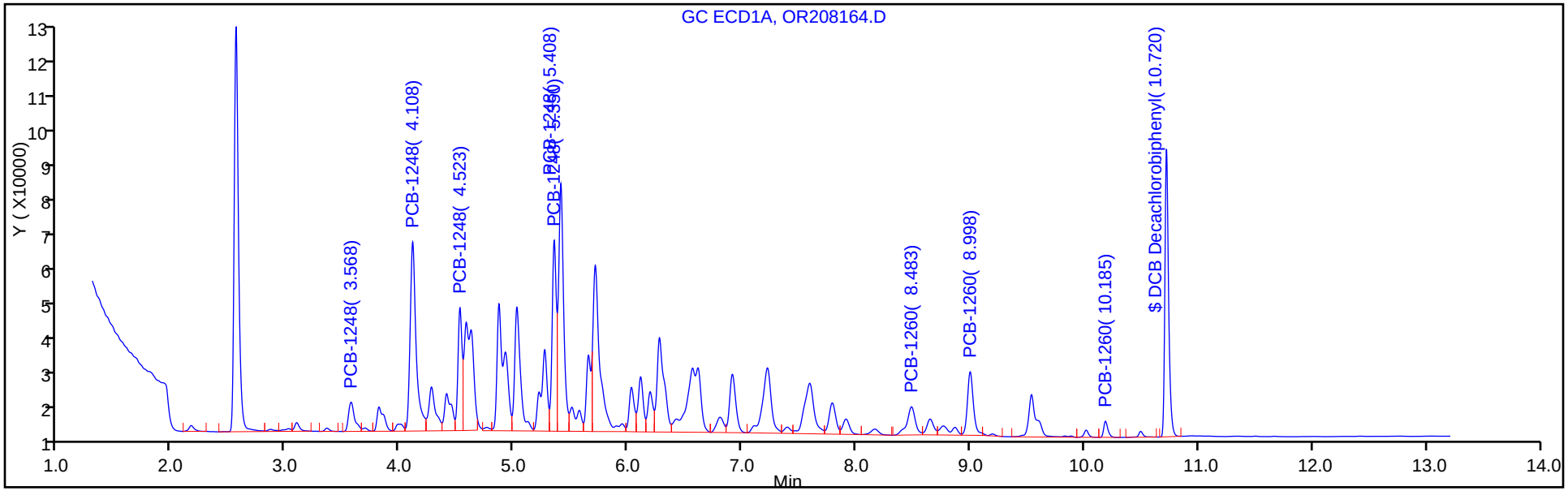
Review Flags
M - Manually Integrated

Report Date: 18-Sep-2013 11:45:04 Chrom Revision: 2.1 25-Jul-2013 20:19:50

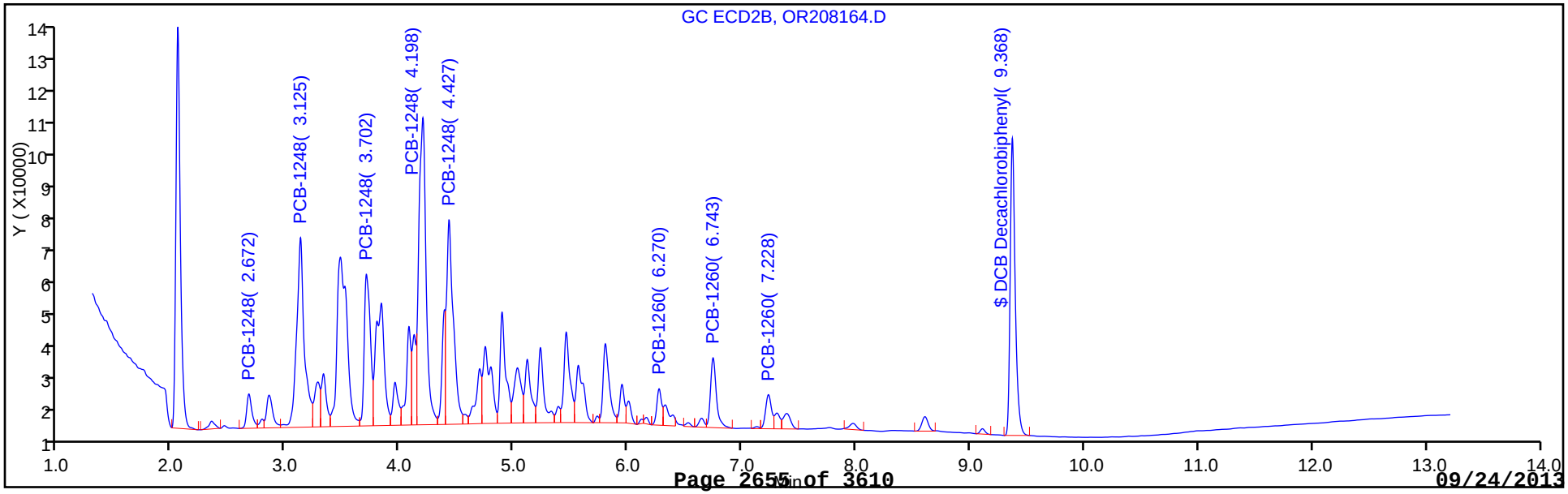
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208164.D		
Injection Date:	17-Sep-2013 19:11:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-14SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	38
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



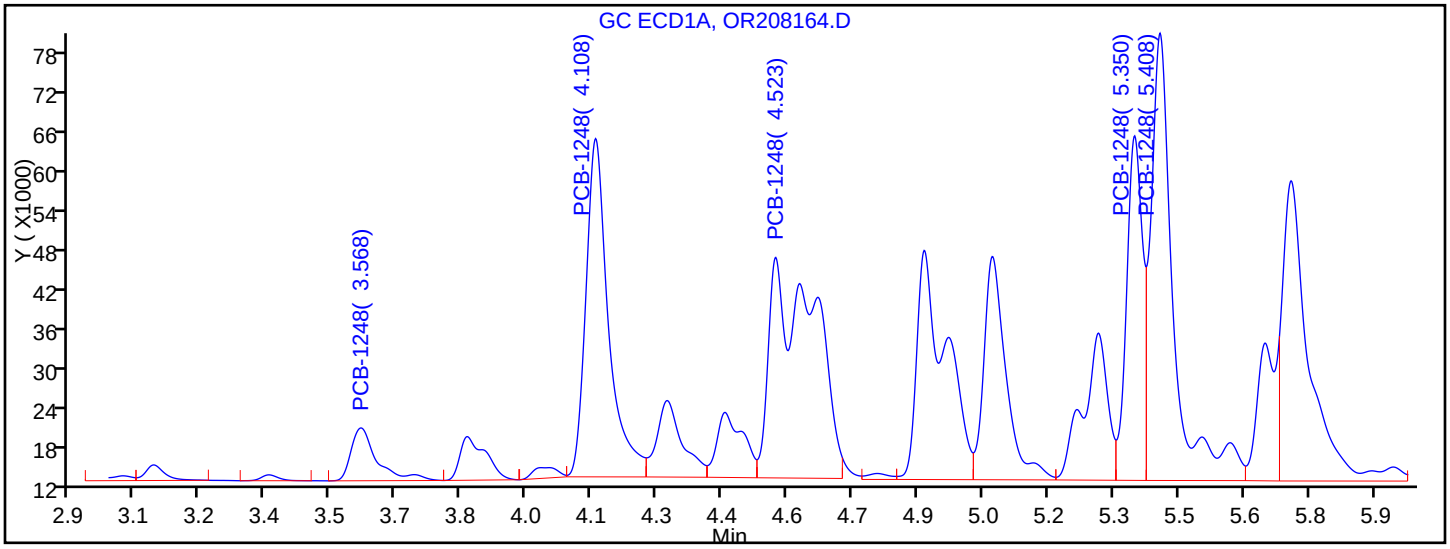
Report Date: 18-Sep-2013 11:45:04 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208164.D

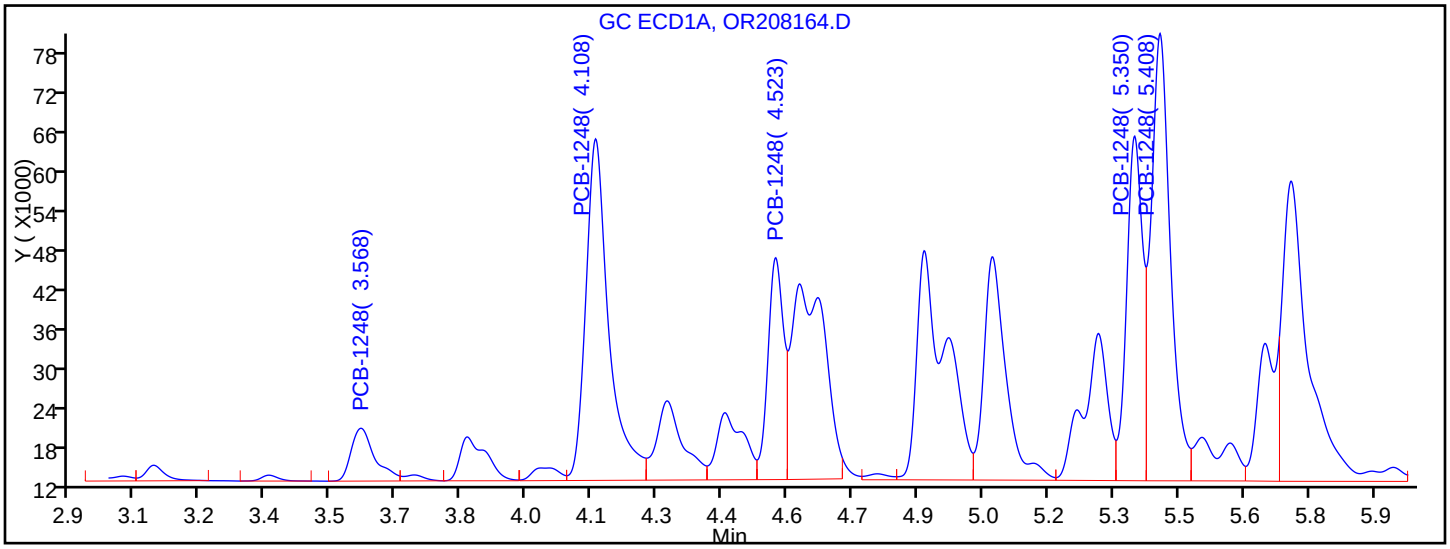
Injection Date:	17-Sep-2013 19:11:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-14SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	38
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1248, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.568	Response = 33260	M
RT = 4.108	Response = 186469	M
RT = 4.523	Response = 242488	M
RT = 5.350	Response = 134865	
RT = 5.408	Response = 245708	M



Manual Integration Results

RT = 3.568	Response = 30333	M
RT = 4.108	Response = 191716	M
RT = 4.523	Response = 84595	M
RT = 5.350	Response = 134865	
RT = 5.408	Response = 210134	M

Reviewer: patelji, 18-Sep-2013 11:00:26

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

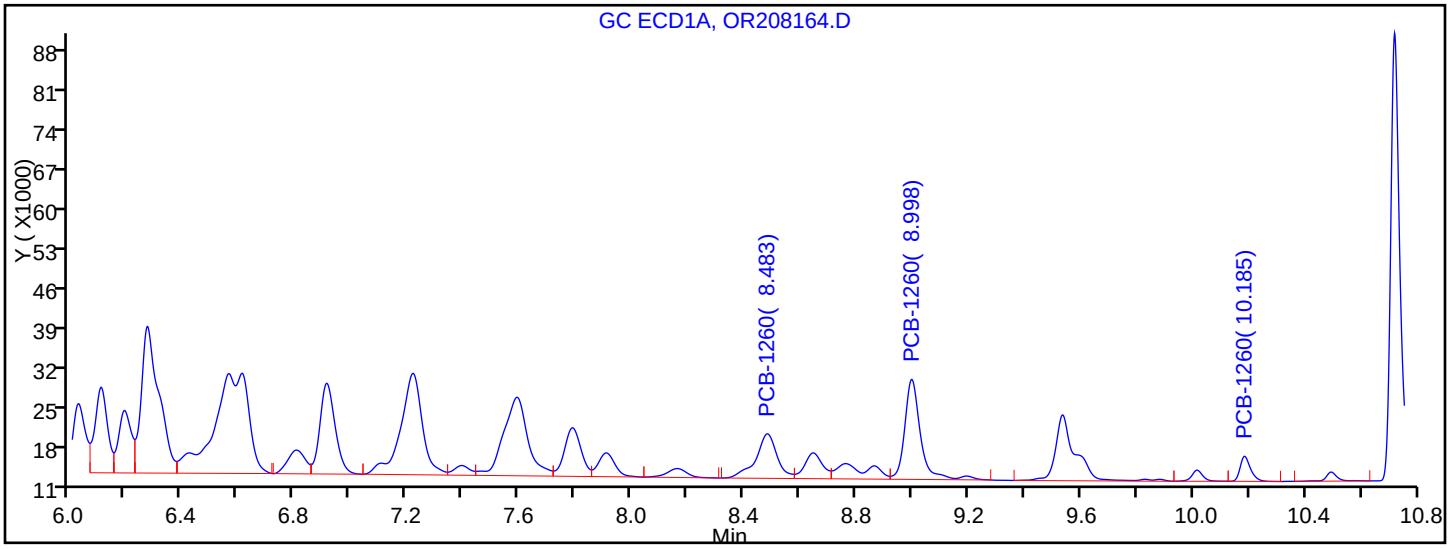
Report Date: 18-Sep-2013 11:45:05 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208164.D

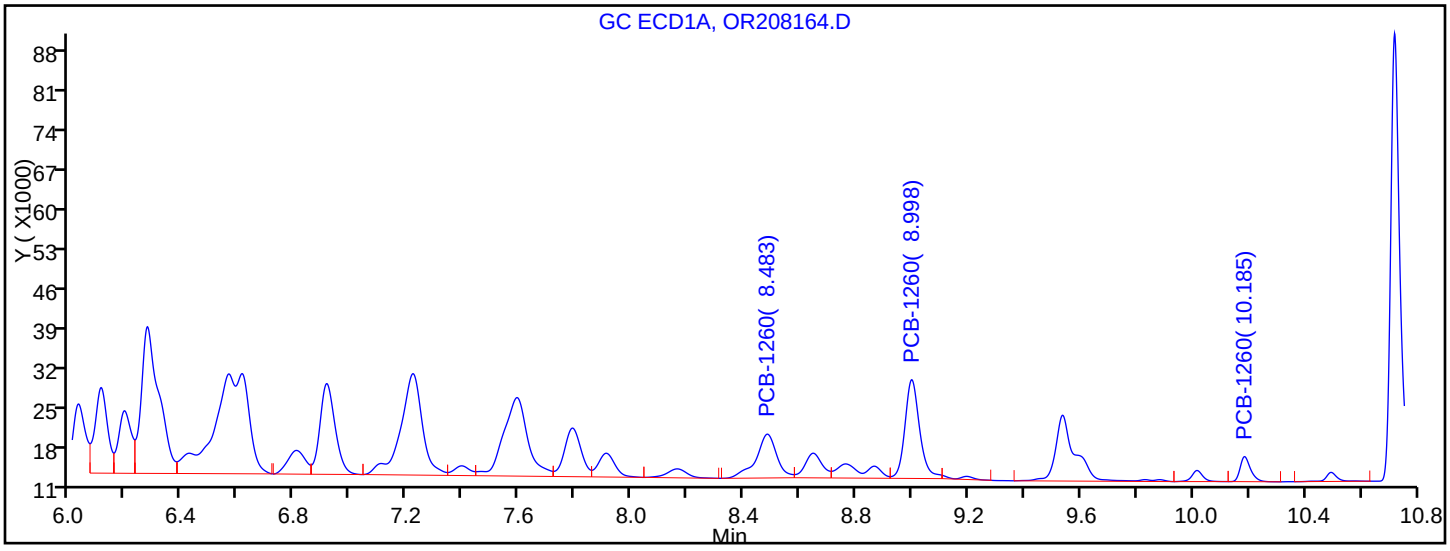
Injection Date:	17-Sep-2013 19:11:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-14SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	38
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 6.563	Response = 153692	
RT = 6.912	Response = 60339	
RT = 8.483	Response = 41299	M
RT = 8.998	Response = 69765	M
RT = 10.185	Response = 11418	



Manual Integration Results

RT = 0.000	Response = 0	
RT = 0.000	Response = 0	
RT = 8.483	Response = 39732	M
RT = 8.998	Response = 63690	M
RT = 10.185	Response = 11418	

Reviewer: patelji, 18-Sep-2013 11:00:26

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-VS | Lab Sample ID: 460-62993-13

Matrix: Solid | Lab File ID: OR208164.D

Analysis Method: 8082 | Date Collected: 09/13/2013 09:35

Extraction Method: 3546 | Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.03(g) | Date Analyzed: 09/17/2013 19:11

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	71	16
11104-28-2	Aroclor 1221	16	U	71	16
11141-16-5	Aroclor 1232	16	U	71	16
53469-21-9	Aroclor 1242	16	U	71	16
11097-69-1	Aroclor 1254	20	U	71	20
37324-23-5	Aroclor 1262	20	U	71	20
11100-14-4	Aroclor 1268	20	U	71	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	77		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208164.D
Lims ID: 460-62993-E-13-B Client ID: PMP-14SE-VS
Inject. Date: 17-Sep-2013 19:11:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-0004712-038
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 38
Lims Batch ID: 181786 Lims Sample ID: 38
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m
Last Update: 18-Sep-2013 11:43:36 Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji Date: 18-Sep-2013 11:00:26

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
3 PCB-1248						M
1	3.568	3.558	0.010	30333	206.3	M
1	4.108	4.103	0.005	191716	577.4	M
1	4.523	4.523	0.0	84595	450.8	M
1	5.350	5.352	-0.002	134865	516.6	
1	5.408	5.410	-0.002	210134	641.2	M
		Average of Peak Amounts =			478.5	
2	2.672	2.668	0.004	33144	182.1	
2	3.125	3.122	0.003	267708	618.4	
2	3.702	3.703	-0.001	168593	407.6	
2	4.198	4.200	-0.002	397063	532.6	
2	4.427	4.430	-0.003	251424	532.3	M
		Average of Peak Amounts =			454.6	
				RPD =	5.11	
10 PCB-1260						M
1	0.0	6.575	-6.575	0	0	
1	0.0	6.920	-6.920	0	0	
1	8.483	8.497	-0.014	39732	98.7	M
1	8.998	9.007	-0.009	63690	94.0	M
1	10.185	10.185	0.0	11418	71.9	
		Average of Peak Amounts =			88.2	
2	0.0	5.118	-5.118	0	0	
2	6.270	6.277	-0.007	30514	75.3	
2	6.743	6.752	-0.009	74951	77.7	M
2	7.228	7.238	-0.010	36860	74.2	M
2	0.0	8.613	-8.613	0	0	
		Average of Peak Amounts =			75.7	
				RPD =	15.22	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.720	10.710	0.010	178533	45.8	
2	9.368	9.377	-0.009	271370	38.5	
					RPD = 17.34	

QC Flag Legend

Review Flags
M - Manually Integrated

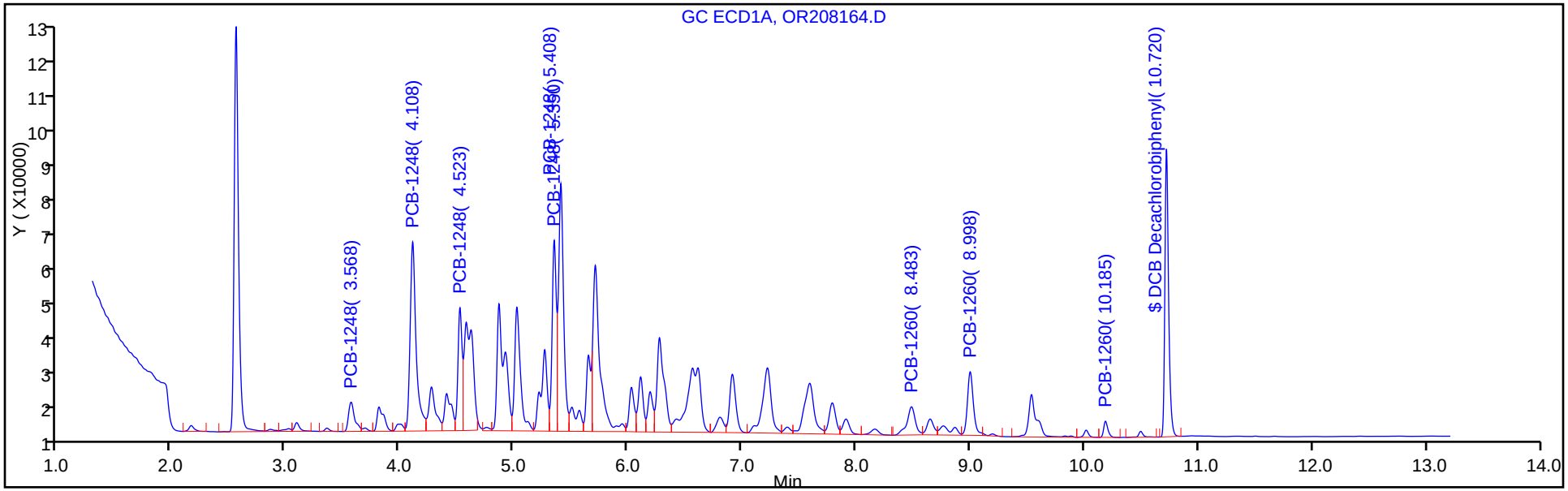
Report Date: 18-Sep-2013 11:45:05 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

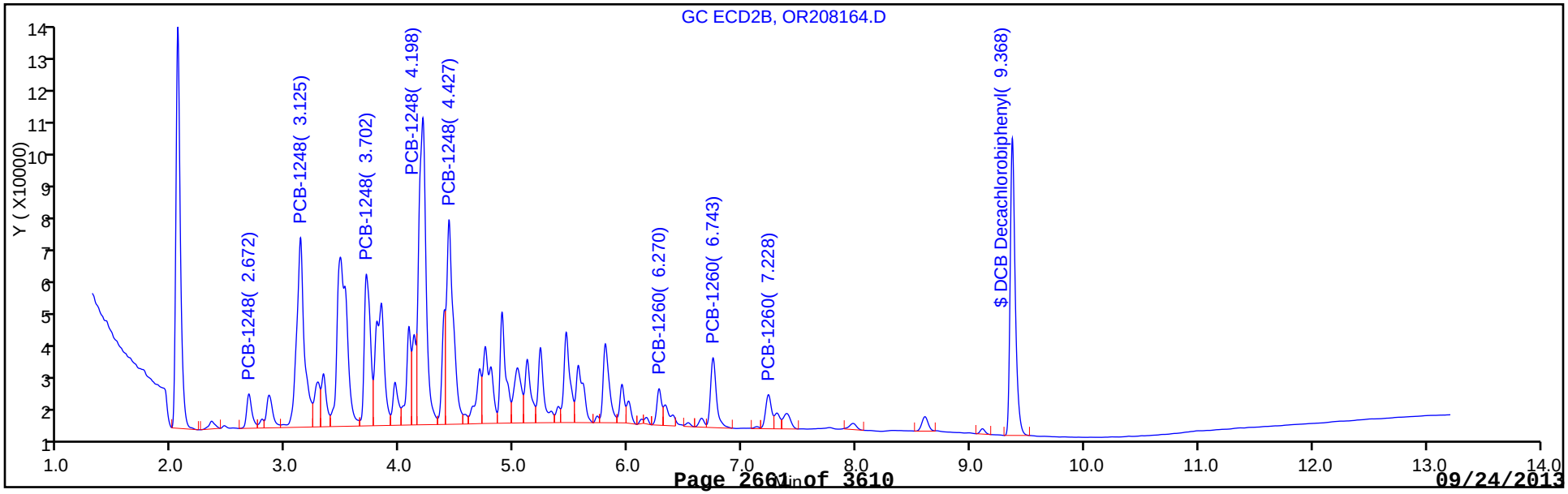
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208164.D

Injection Date:	17-Sep-2013 19:11:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-14SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	38
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



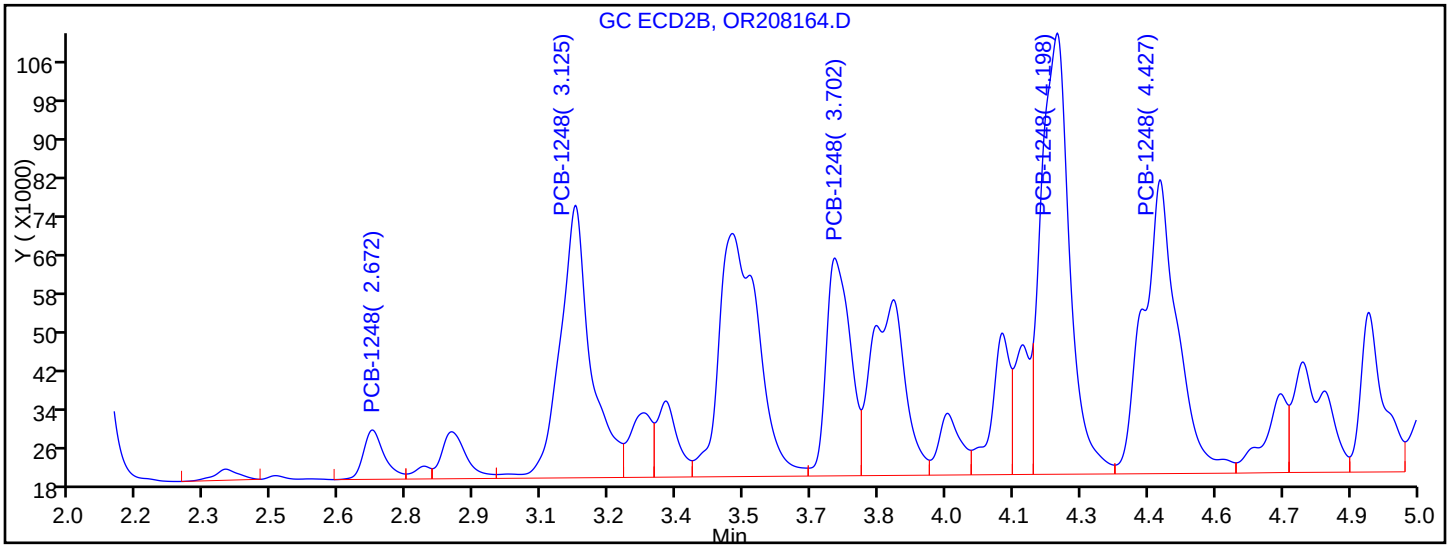
Report Date: 18-Sep-2013 11:45:05 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208164.D

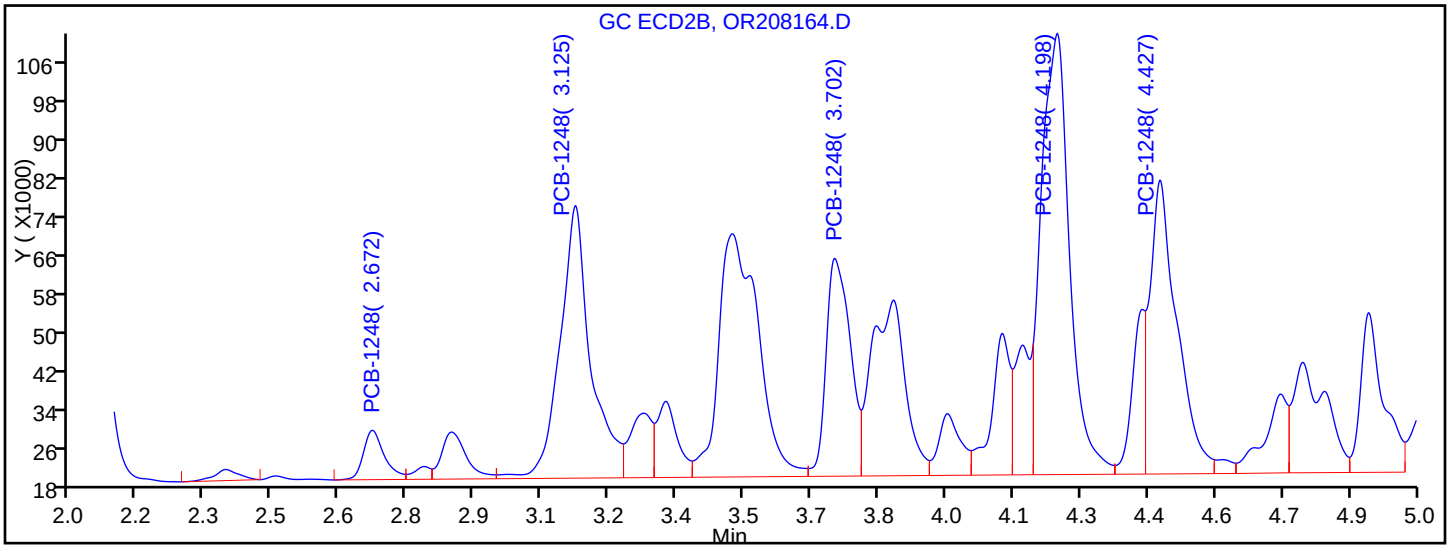
Injection Date:	17-Sep-2013 19:11:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-14SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	38
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1248, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.672	Response = 33144	
RT = 3.125	Response = 267708	
RT = 3.702	Response = 168593	
RT = 4.198	Response = 397063	
RT = 4.427	Response = 326505	M



Manual Integration Results

RT = 2.672	Response = 33144	
RT = 3.125	Response = 267708	
RT = 3.702	Response = 168593	
RT = 4.198	Response = 397063	
RT = 4.427	Response = 251424	M

Reviewer: patelji, 18-Sep-2013 11:00:26

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

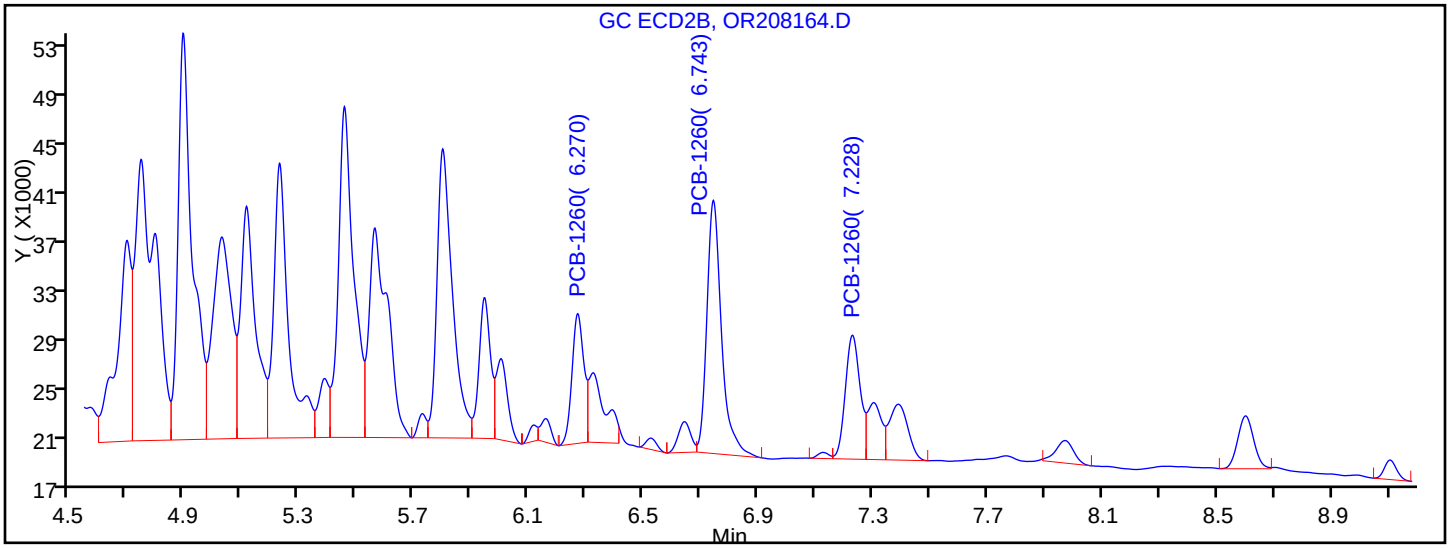
Report Date: 18-Sep-2013 11:45:05 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208164.D

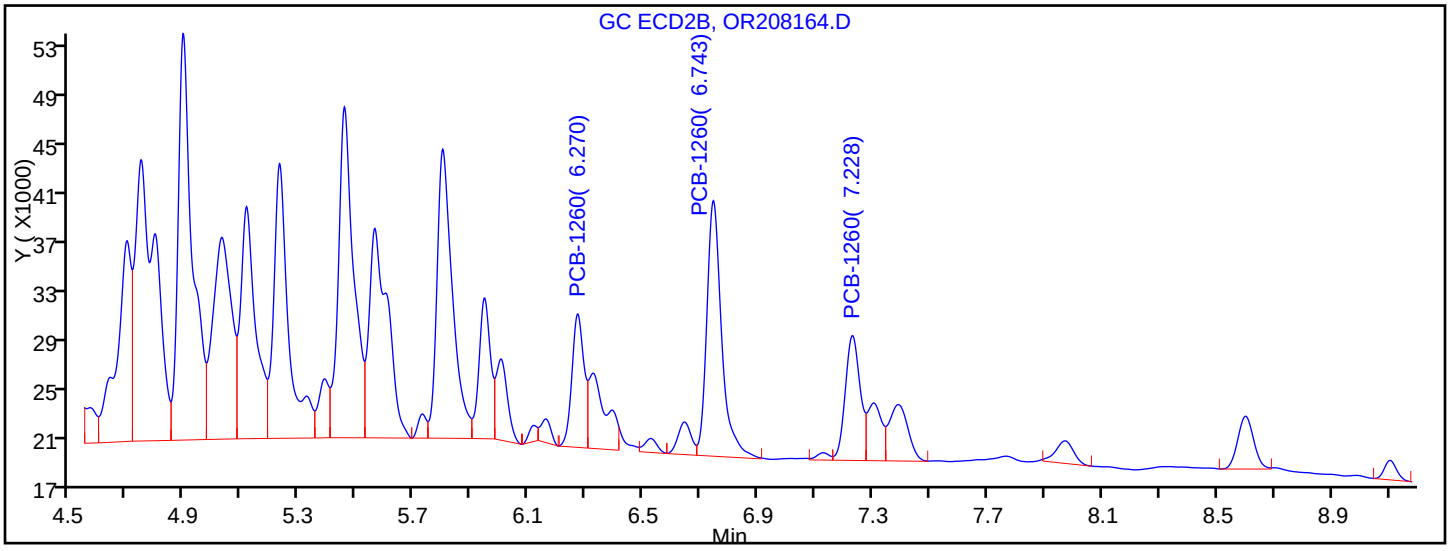
Injection Date:	17-Sep-2013 19:11:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-14SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	38
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 PCB-1260, Detector: 2, GC ECD2B



Processing Integration Results

RT = 5.113	Response = 69223	
RT = 6.270	Response = 30514	
RT = 6.743	Response = 72918	M
RT = 7.228	Response = 36286	M
RT = 8.602	Response = 16649	



Manual Integration Results

RT = 0.000	Response = 0	
RT = 6.270	Response = 30514	
RT = 6.743	Response = 74951	M
RT = 7.228	Response = 36860	M
RT = 0.000	Response = 0	

Reviewer: patelji, 18-Sep-2013 11:00:26

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-VD Lab Sample ID: 460-62993-14

Matrix: Solid Lab File ID: OR208165.D

Analysis Method: 8082 Date Collected: 09/13/2013 09:40

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.01(g) Date Analyzed: 09/17/2013 19:28

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208165.D		
Lims ID:	460-62993-E-14-B	Client ID:	PMP-14SE-VD
Inject. Date:	17-Sep-2013 19:28:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-039		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	39
Lims Batch ID:	181786	Lims Sample ID:	39
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:00:35

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.688	10.710	-0.022	176600	45.3	
2	9.368	9.377	-0.009	297494	42.2	
					RPD = 7.11	

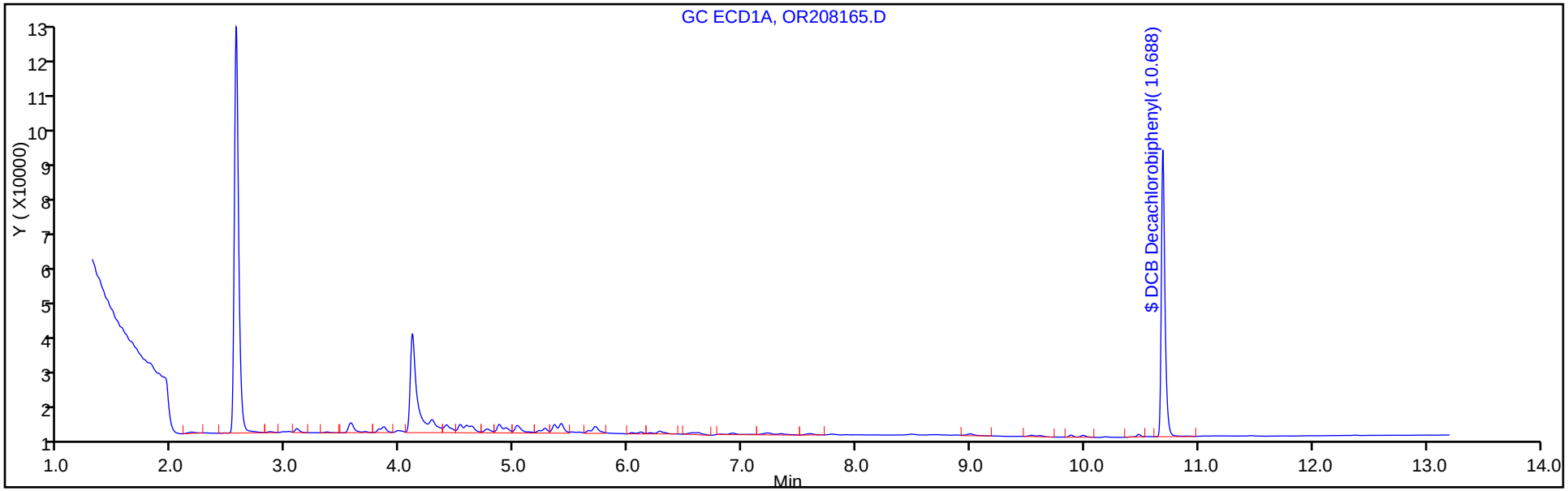
Report Date: 18-Sep-2013 11:45:06 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

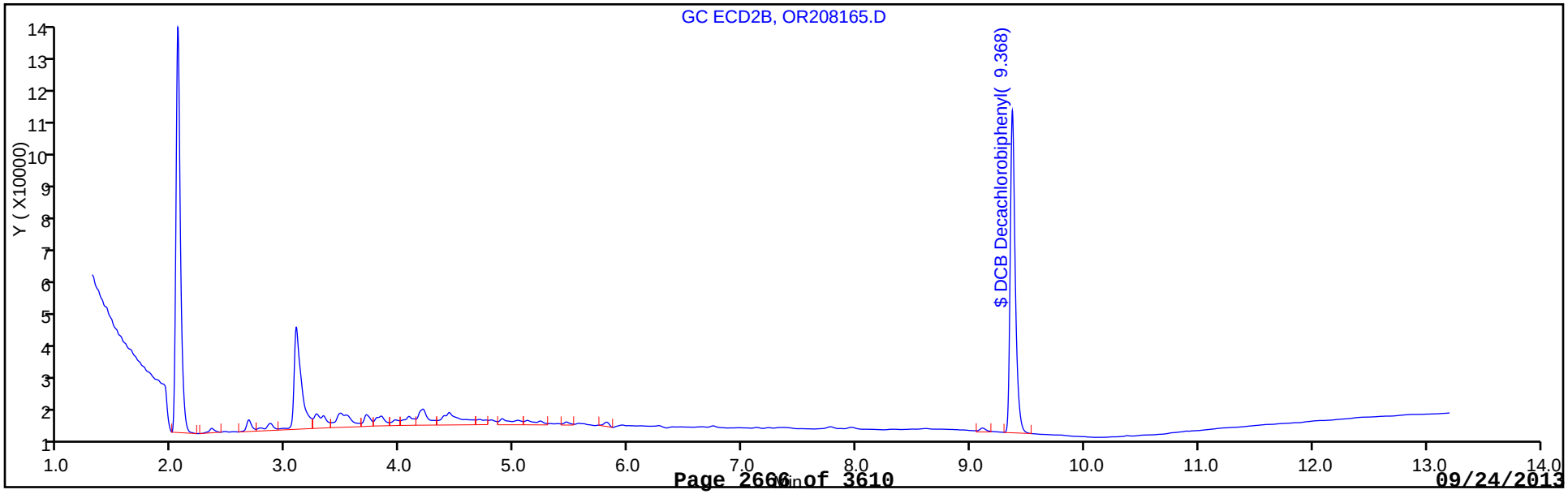
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208165.D

Injection Date:	17-Sep-2013 19:28:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-14SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	39
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-VD | Lab Sample ID: 460-62993-14

Matrix: Solid | Lab File ID: OR208165.D

Analysis Method: 8082 | Date Collected: 09/13/2013 09:40

Extraction Method: 3546 | Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.01(g) | Date Analyzed: 09/17/2013 19:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	69	16
11104-28-2	Aroclor 1221	16	U	69	16
11141-16-5	Aroclor 1232	16	U	69	16
53469-21-9	Aroclor 1242	16	U	69	16
12672-29-6	Aroclor 1248	16	U	69	16
11097-69-1	Aroclor 1254	20	U	69	20
11096-82-5	Aroclor 1260	20	U	69	20
37324-23-5	Aroclor 1262	20	U	69	20
11100-14-4	Aroclor 1268	20	U	69	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	84		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208165.D		
Lims ID:	460-62993-E-14-B	Client ID:	PMP-14SE-VD
Inject. Date:	17-Sep-2013 19:28:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-039		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	39
Lims Batch ID:	181786	Lims Sample ID:	39
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:00:35

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.688	10.710	-0.022	176600	45.3	
2	9.368	9.377	-0.009	297494	42.2	
					RPD = 7.11	

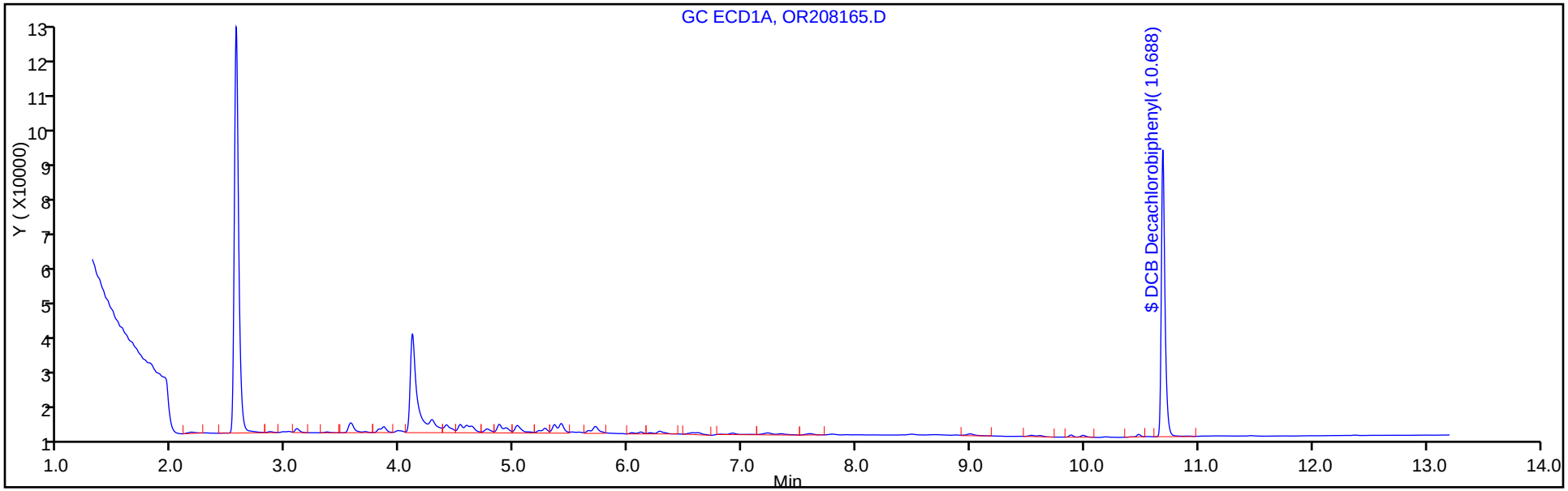
Report Date: 18-Sep-2013 11:45:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

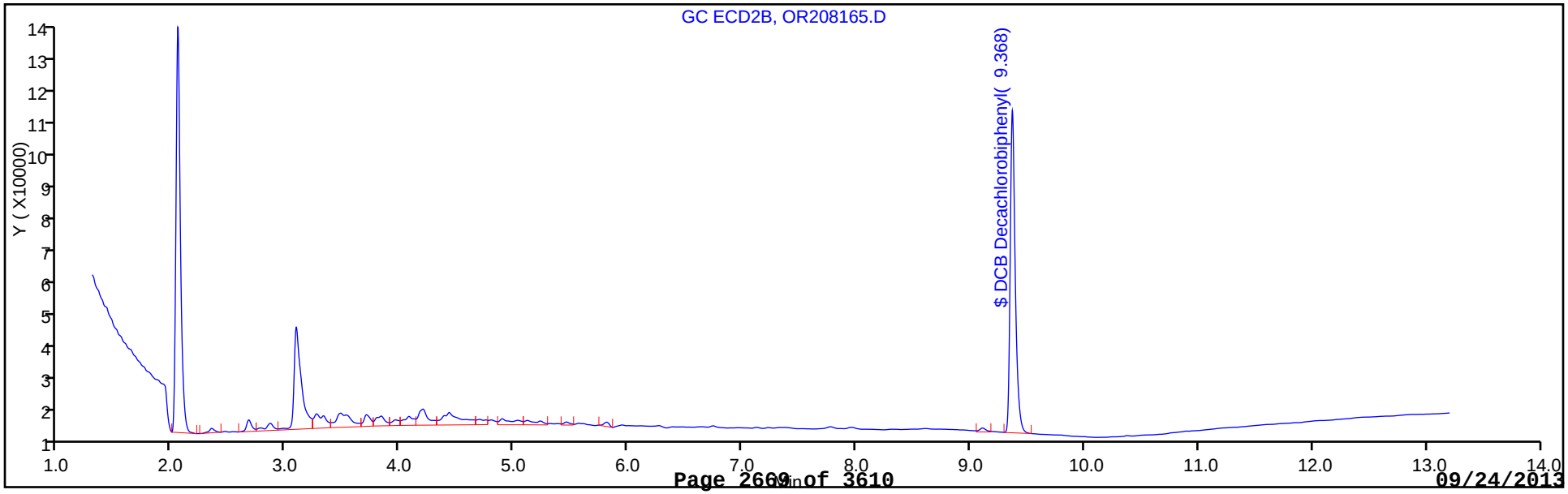
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208165.D

Injection Date:	17-Sep-2013 19:28:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-14SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	39
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-WT Lab Sample ID: 460-62993-15

Matrix: Solid Lab File ID: OR208166.D

Analysis Method: 8082 Date Collected: 09/13/2013 09:45

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.02(g) Date Analyzed: 09/17/2013 19:45

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208166.D		
Lims ID:	460-62993-E-15-B	Client ID:	PMP-14SE-WT
Inject. Date:	17-Sep-2013 19:45:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-040		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	40
Lims Batch ID:	181786	Lims Sample ID:	40
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:01:33

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.688	10.710	-0.022	176480	45.3	
2	9.370	9.377	-0.007	309486	43.9	
					RPD = 3.09	

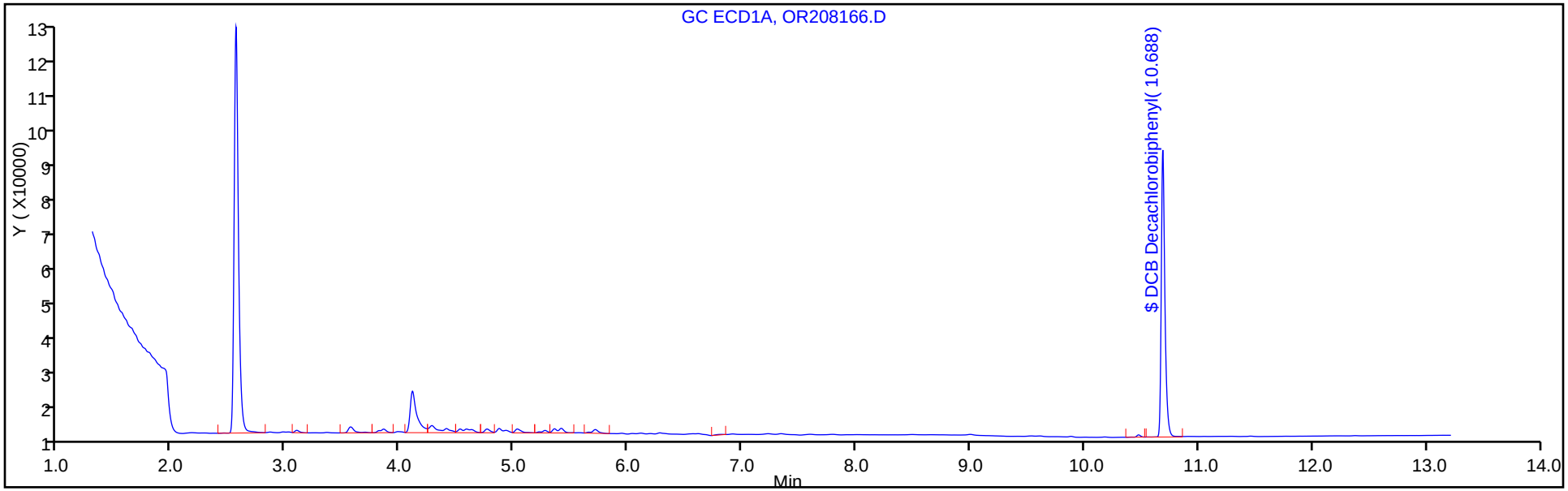
Report Date: 18-Sep-2013 11:45:08 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

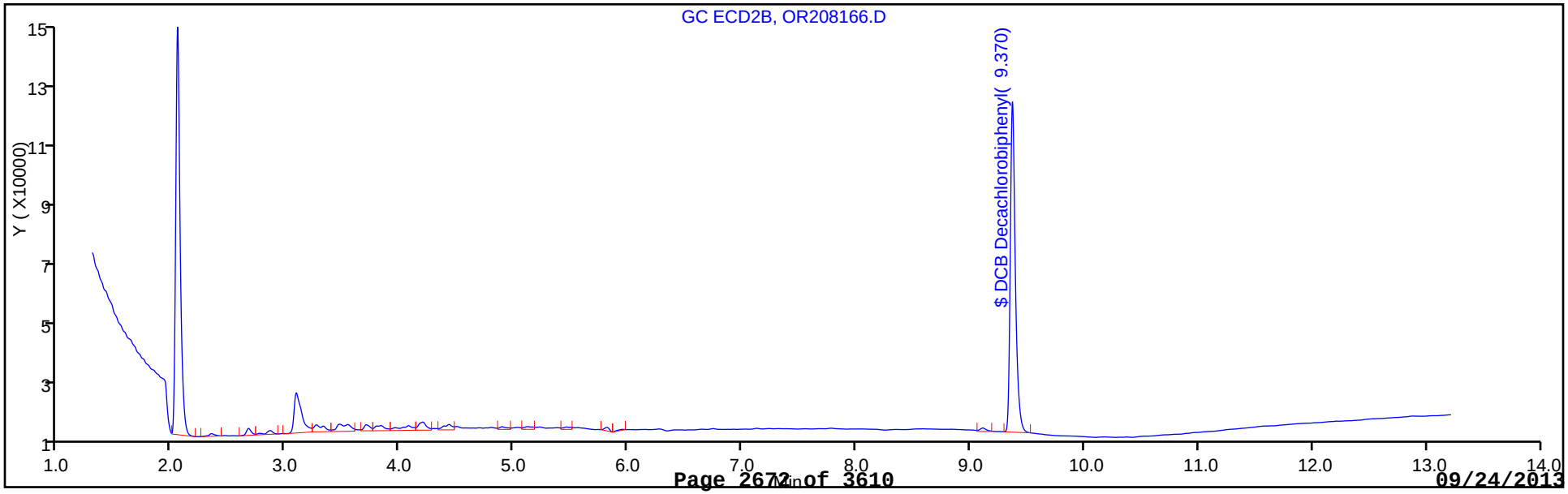
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208166.D

Injection Date:	17-Sep-2013 19:45:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-14SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	40
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-WT | Lab Sample ID: 460-62993-15

Matrix: Solid | Lab File ID: OR208166.D

Analysis Method: 8082 | Date Collected: 09/13/2013 09:45

Extraction Method: 3546 | Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/17/2013 19:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	69	16
11104-28-2	Aroclor 1221	16	U	69	16
11141-16-5	Aroclor 1232	16	U	69	16
53469-21-9	Aroclor 1242	16	U	69	16
12672-29-6	Aroclor 1248	16	U	69	16
11097-69-1	Aroclor 1254	20	U	69	20
11096-82-5	Aroclor 1260	20	U	69	20
37324-23-5	Aroclor 1262	20	U	69	20
11100-14-4	Aroclor 1268	20	U	69	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208166.D		
Lims ID:	460-62993-E-15-B	Client ID:	PMP-14SE-WT
Inject. Date:	17-Sep-2013 19:45:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-040		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	40
Lims Batch ID:	181786	Lims Sample ID:	40
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:01:33

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.688	10.710	-0.022	176480	45.3	
2	9.370	9.377	-0.007	309486	43.9	
					RPD = 3.09	

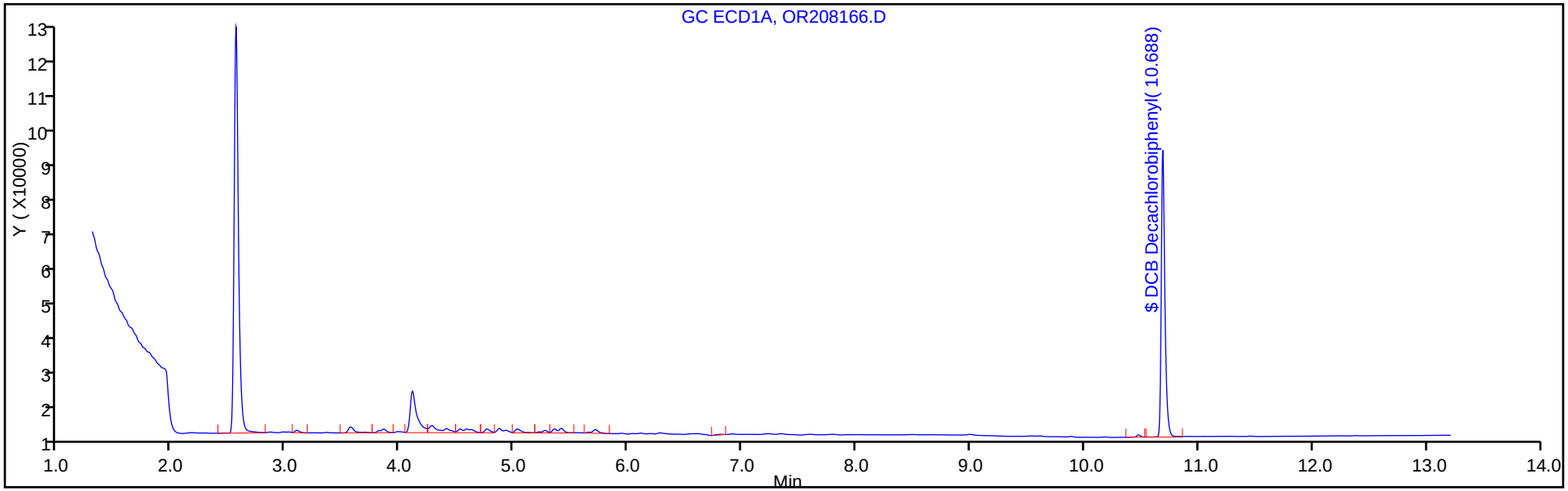
Report Date: 18-Sep-2013 11:45:08 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

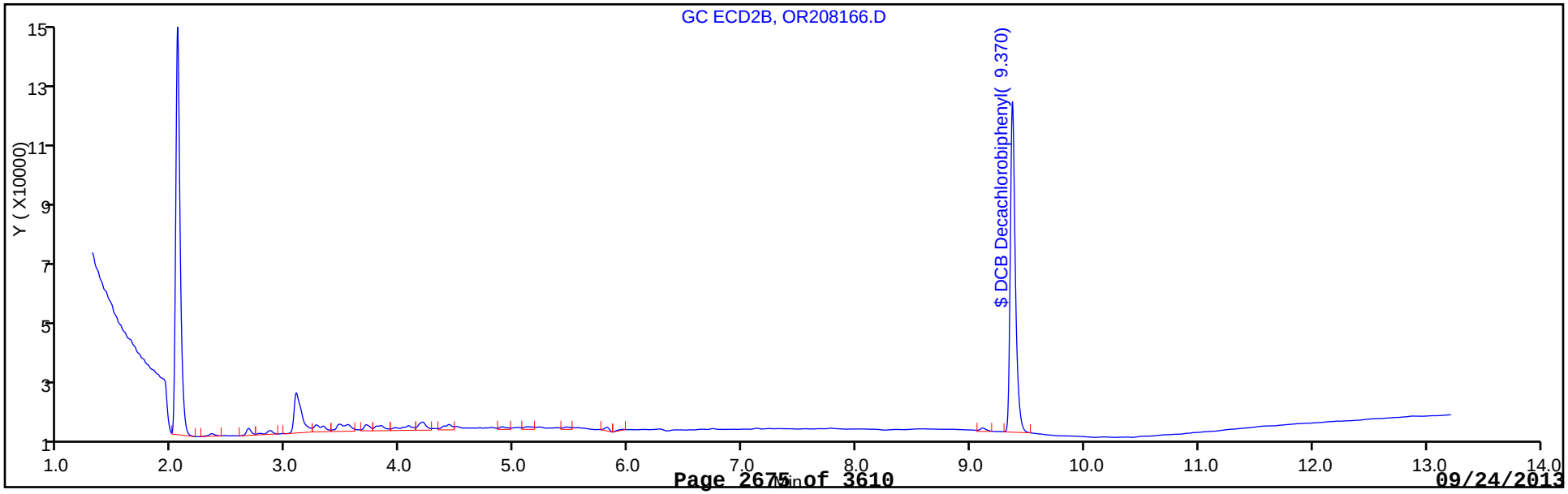
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208166.D

Injection Date:	17-Sep-2013 19:45:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-14SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	40
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-VS Lab Sample ID: 460-62993-16

Matrix: Solid Lab File ID: OR208167.D

Analysis Method: 8082 Date Collected: 09/13/2013 09:50

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 20:01

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208167.D		
Lims ID:	460-62993-E-16-B	Client ID:	PMP-25SE-VS
Inject. Date:	17-Sep-2013 20:01:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-041		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	41
Lims Batch ID:	181786	Lims Sample ID:	41
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:02:29

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.715	10.710	0.005	188975	48.5	
2	9.368	9.377	-0.009	329601	46.7	
					RPD = 3.63	

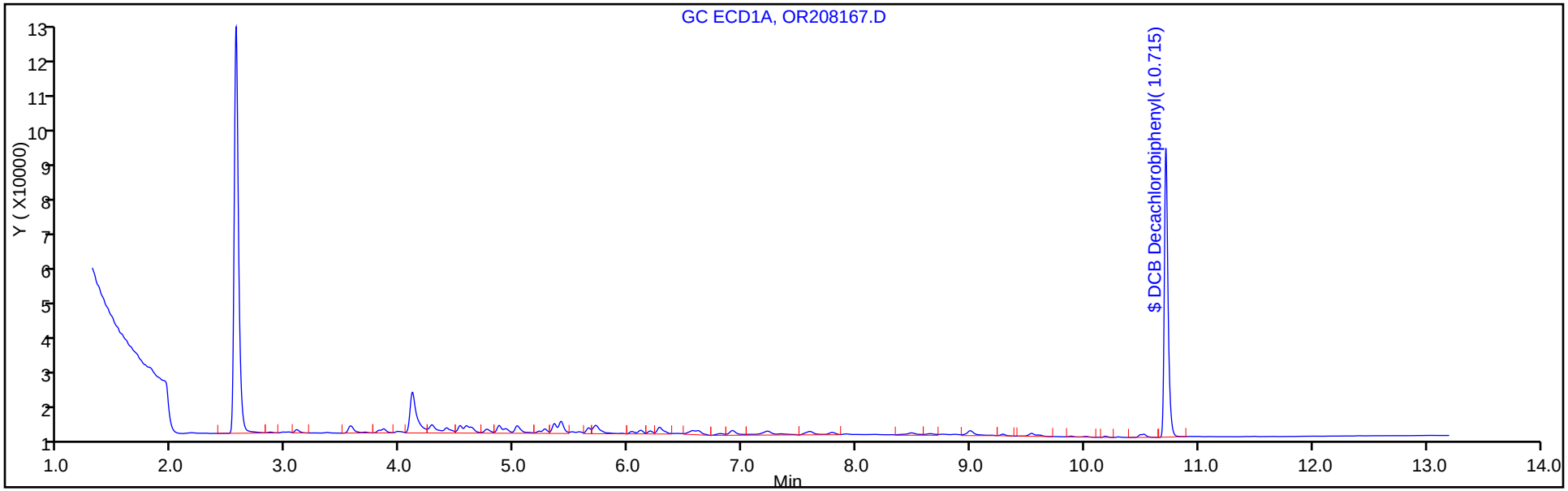
Report Date: 18-Sep-2013 11:45:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

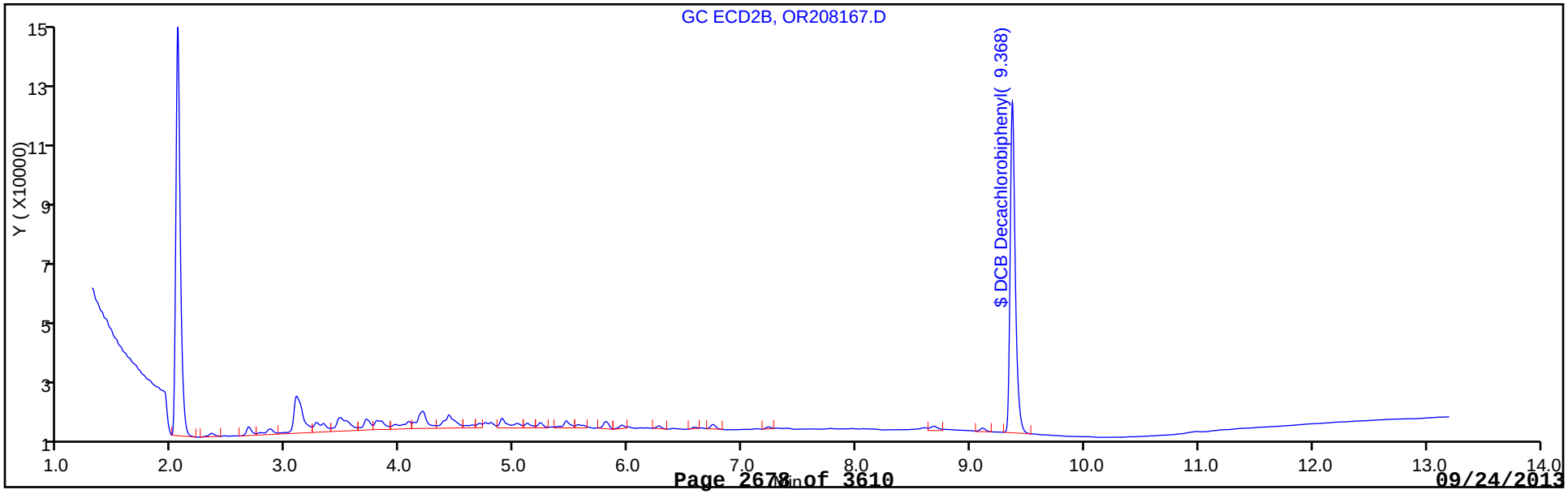
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208167.D

Injection Date:	17-Sep-2013 20:01:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-25SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	41
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-VS Lab Sample ID: 460-62993-16

Matrix: Solid Lab File ID: OR208167.D

Analysis Method: 8082 Date Collected: 09/13/2013 09:50

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 20:01

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	71	16
11104-28-2	Aroclor 1221	16	U	71	16
11141-16-5	Aroclor 1232	16	U	71	16
53469-21-9	Aroclor 1242	16	U	71	16
12672-29-6	Aroclor 1248	16	U	71	16
11097-69-1	Aroclor 1254	20	U	71	20
11096-82-5	Aroclor 1260	20	U	71	20
37324-23-5	Aroclor 1262	20	U	71	20
11100-14-4	Aroclor 1268	20	U	71	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208167.D		
Lims ID:	460-62993-E-16-B	Client ID:	PMP-25SE-VS
Inject. Date:	17-Sep-2013 20:01:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-041		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	41
Lims Batch ID:	181786	Lims Sample ID:	41
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:02:29

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.715	10.710	0.005	188975	48.5	
2	9.368	9.377	-0.009	329601	46.7	
					RPD = 3.63	

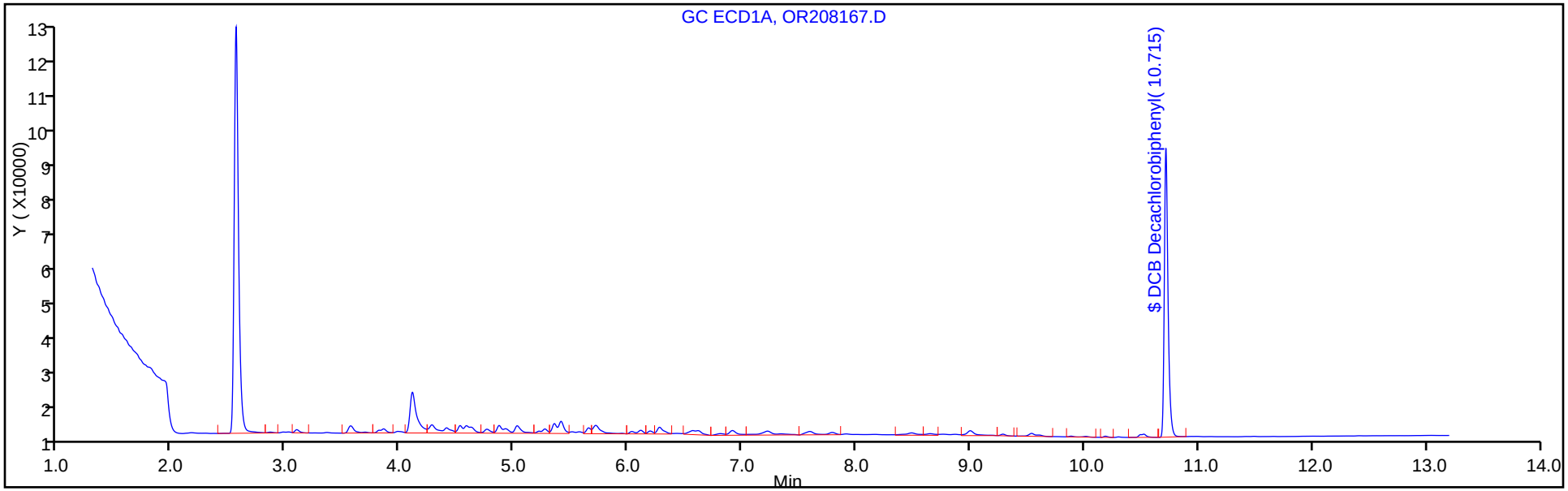
Report Date: 18-Sep-2013 11:45:10 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

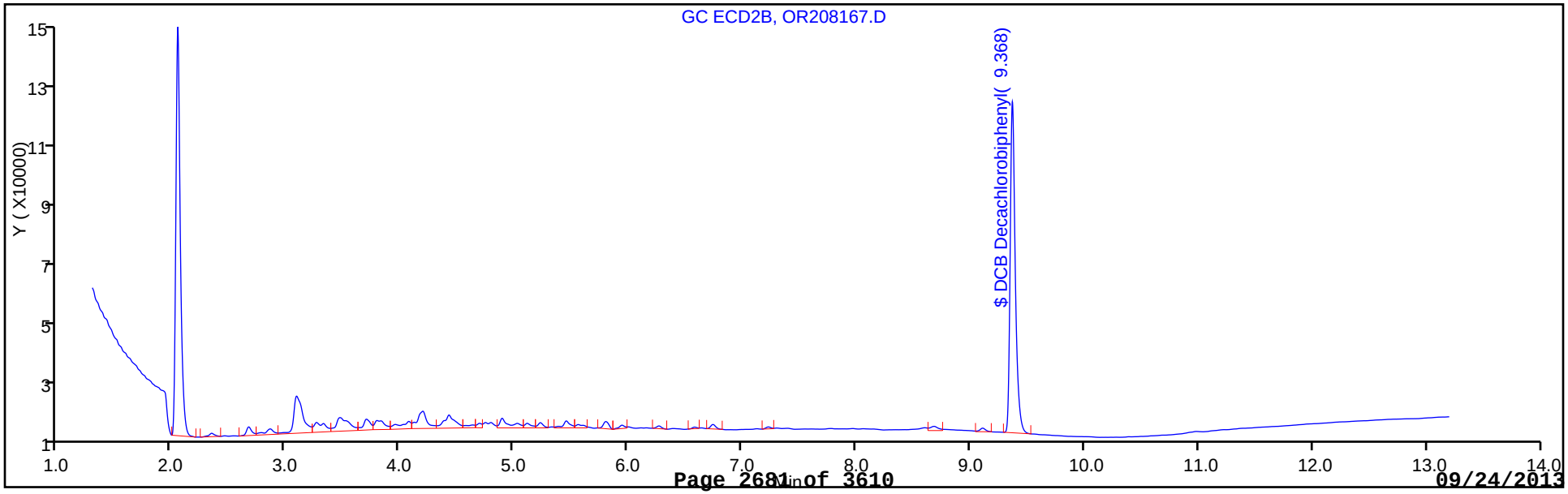
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208167.D

Injection Date:	17-Sep-2013 20:01:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-25SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	41
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-VD Lab Sample ID: 460-62993-17

Matrix: Solid Lab File ID: OR208168.D

Analysis Method: 8082 Date Collected: 09/13/2013 09:55

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.01(g) Date Analyzed: 09/17/2013 20:17

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208168.D		
Lims ID:	460-62993-E-17-B	Client ID:	PMP-25SE-VD
Inject. Date:	17-Sep-2013 20:17:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-042		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	42
Lims Batch ID:	181786	Lims Sample ID:	42
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:02:43

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.687	10.710	-0.023	186872	47.9	
2	9.368	9.377	-0.009	330190	46.8	
					RPD = 2.33	

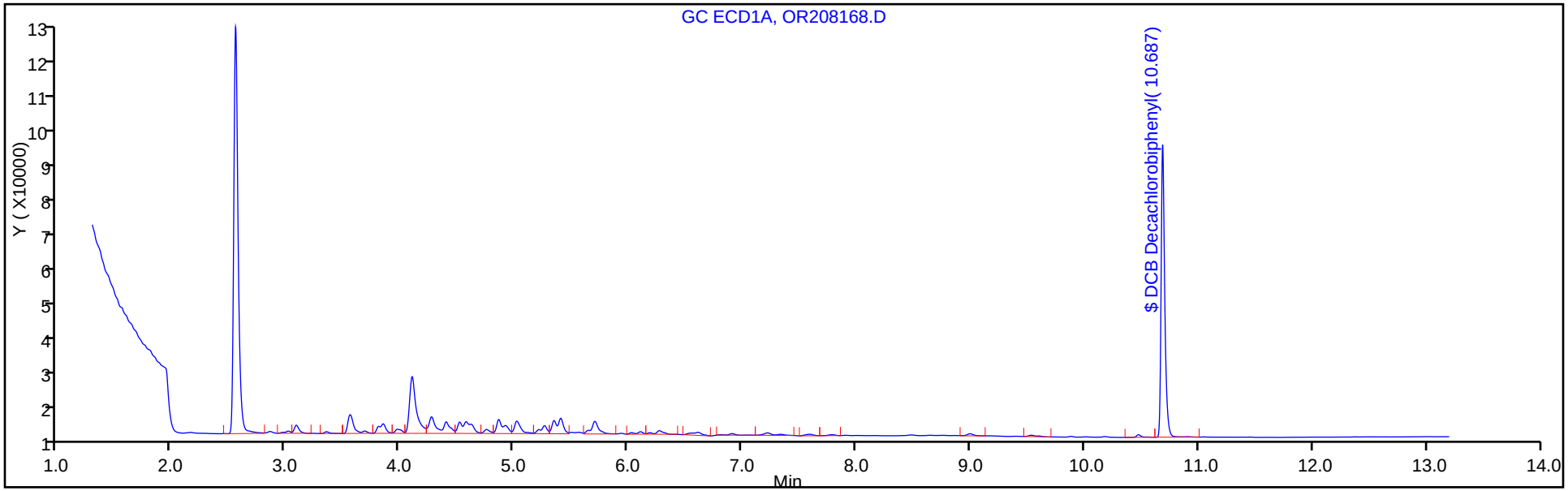
Report Date: 18-Sep-2013 11:45:11 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

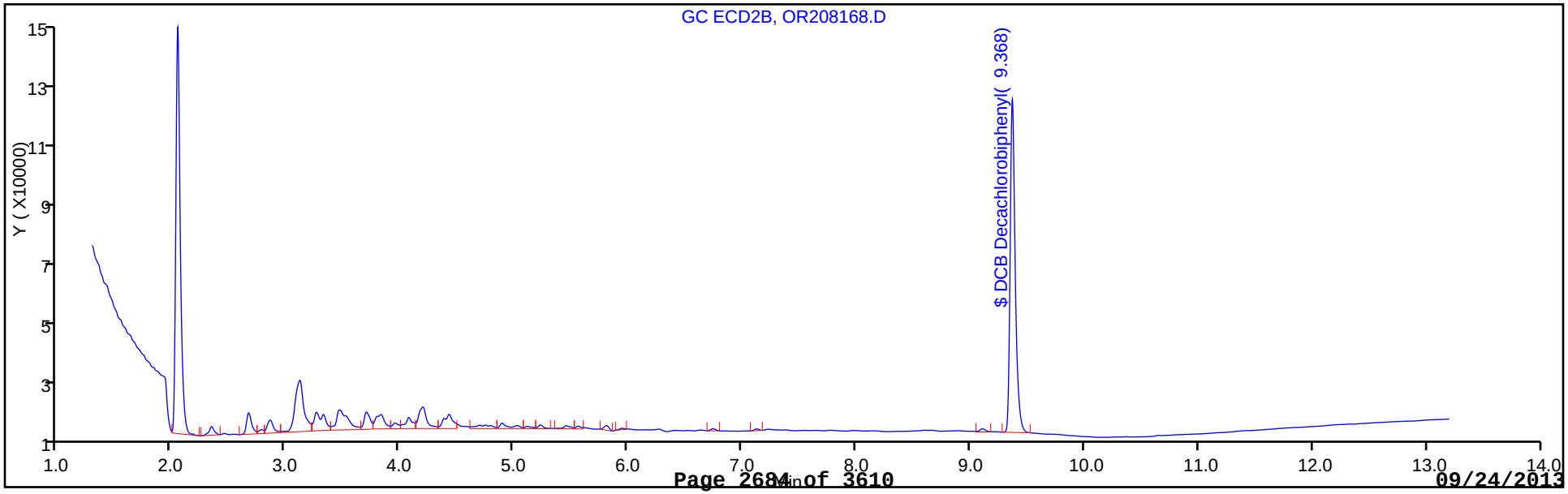
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208168.D

Injection Date:	17-Sep-2013 20:17:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-25SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	42
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-VD Lab Sample ID: 460-62993-17

Matrix: Solid Lab File ID: OR208168.D

Analysis Method: 8082 Date Collected: 09/13/2013 09:55

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.01(g) Date Analyzed: 09/17/2013 20:17

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	70	16
11104-28-2	Aroclor 1221	16	U	70	16
11141-16-5	Aroclor 1232	16	U	70	16
53469-21-9	Aroclor 1242	16	U	70	16
12672-29-6	Aroclor 1248	16	U	70	16
11097-69-1	Aroclor 1254	20	U	70	20
11096-82-5	Aroclor 1260	20	U	70	20
37324-23-5	Aroclor 1262	20	U	70	20
11100-14-4	Aroclor 1268	20	U	70	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208168.D		
Lims ID:	460-62993-E-17-B	Client ID:	PMP-25SE-VD
Inject. Date:	17-Sep-2013 20:17:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-042		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	42
Lims Batch ID:	181786	Lims Sample ID:	42
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:02:43

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.687	10.710	-0.023	186872	47.9	
2	9.368	9.377	-0.009	330190	46.8	
					RPD = 2.33	

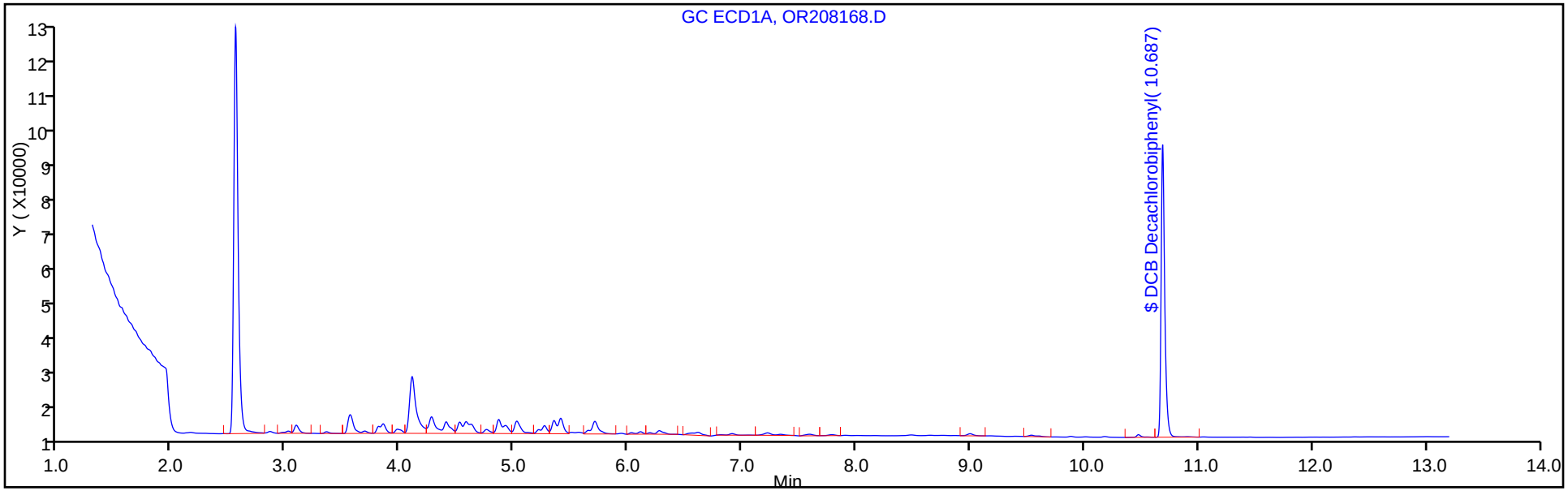
Report Date: 18-Sep-2013 11:45:12 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

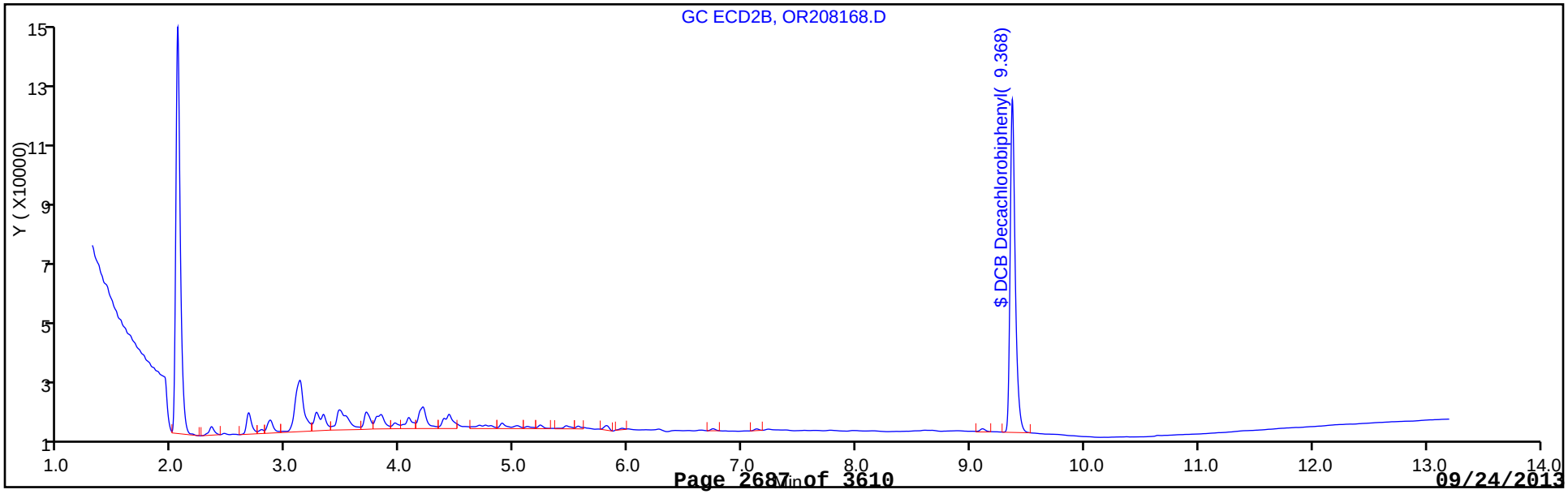
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208168.D

Injection Date:	17-Sep-2013 20:17:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-25SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	42
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-WT Lab Sample ID: 460-62993-18

Matrix: Solid Lab File ID: OR208169.D

Analysis Method: 8082 Date Collected: 09/13/2013 10:00

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.05(g) Date Analyzed: 09/17/2013 20:34

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208169.D		
Lims ID:	460-62993-E-18-B	Client ID:	PMP-25SE-WT
Inject. Date:	17-Sep-2013 20:34:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-043		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	43
Lims Batch ID:	181786	Lims Sample ID:	43
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:02:55

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.713	10.710	0.003	184767	47.4	
2	9.368	9.377	-0.009	324441	46.0	
					RPD = 2.96	

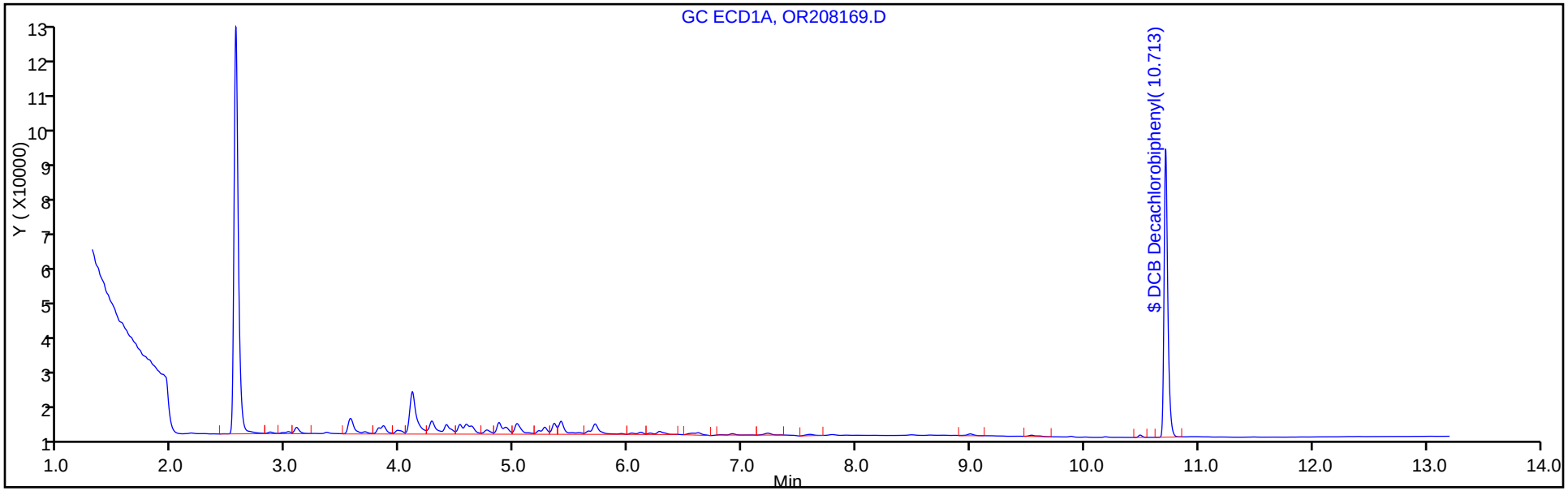
Report Date: 18-Sep-2013 11:45:15 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

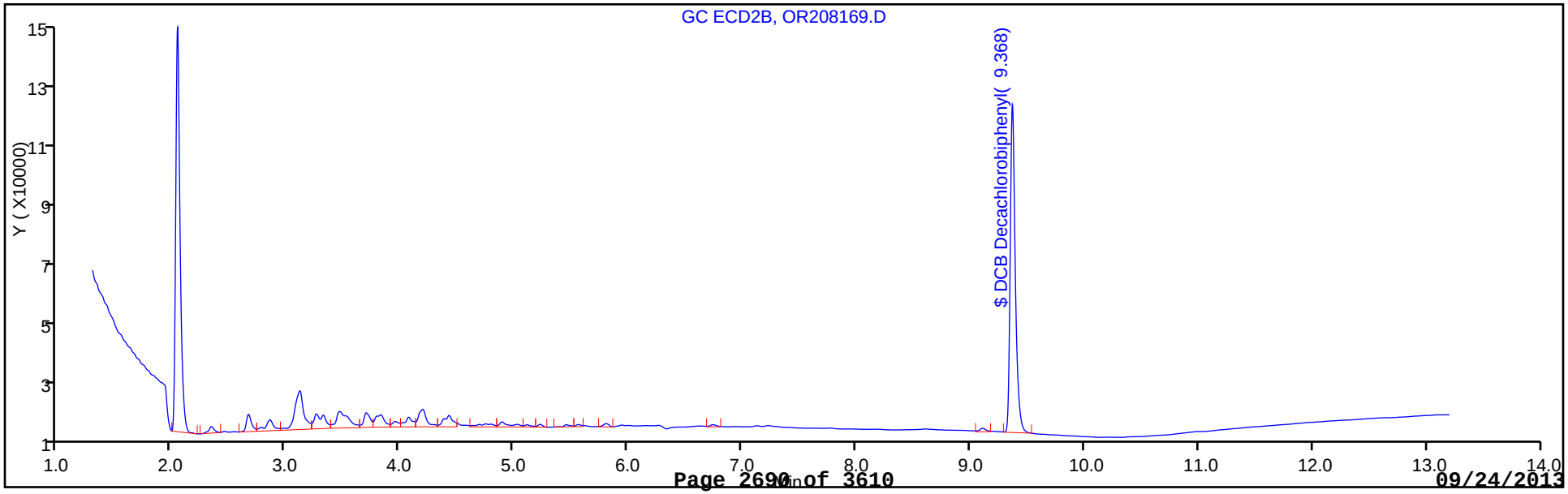
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208169.D

Injection Date:	17-Sep-2013 20:34:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-25SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	43
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-WT | Lab Sample ID: 460-62993-18

Matrix: Solid | Lab File ID: OR208169.D

Analysis Method: 8082 | Date Collected: 09/13/2013 10:00

Extraction Method: 3546 | Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.05(g) | Date Analyzed: 09/17/2013 20:34

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	76	17
11104-28-2	Aroclor 1221	17	U	76	17
11141-16-5	Aroclor 1232	17	U	76	17
53469-21-9	Aroclor 1242	17	U	76	17
12672-29-6	Aroclor 1248	17	U	76	17
11097-69-1	Aroclor 1254	22	U	76	22
11096-82-5	Aroclor 1260	22	U	76	22
37324-23-5	Aroclor 1262	22	U	76	22
11100-14-4	Aroclor 1268	22	U	76	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208169.D		
Lims ID:	460-62993-E-18-B	Client ID:	PMP-25SE-WT
Inject. Date:	17-Sep-2013 20:34:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-043		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	43
Lims Batch ID:	181786	Lims Sample ID:	43
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:02:55

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.713	10.710	0.003	184767	47.4	
2	9.368	9.377	-0.009	324441	46.0	
					RPD = 2.96	

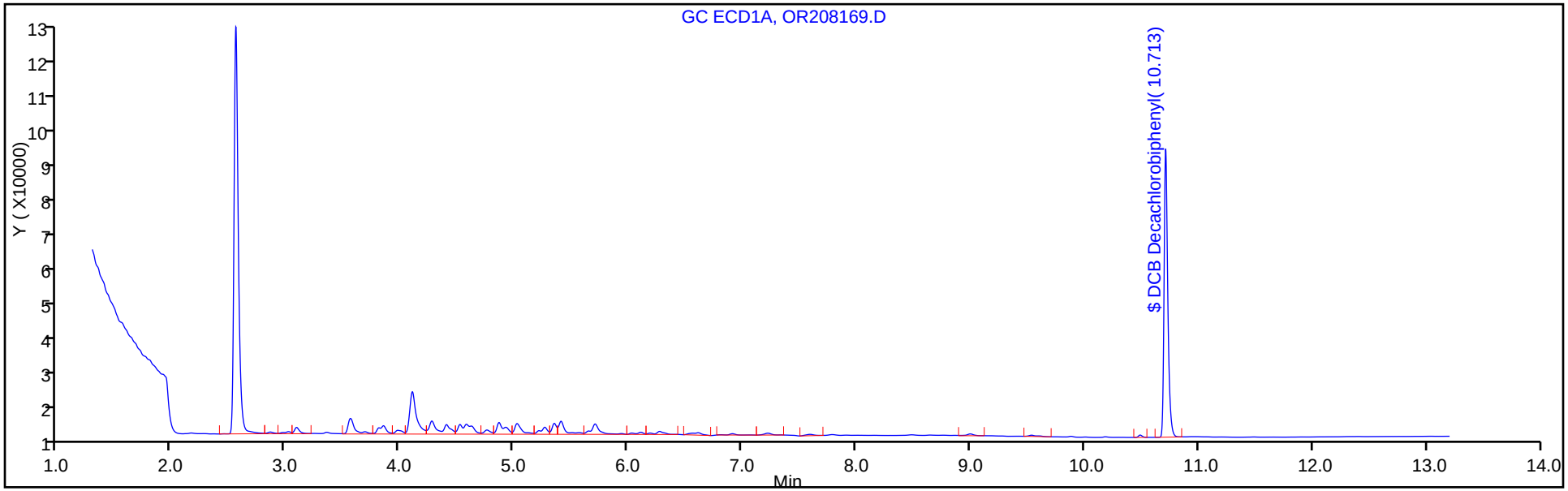
Report Date: 18-Sep-2013 11:45:15 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

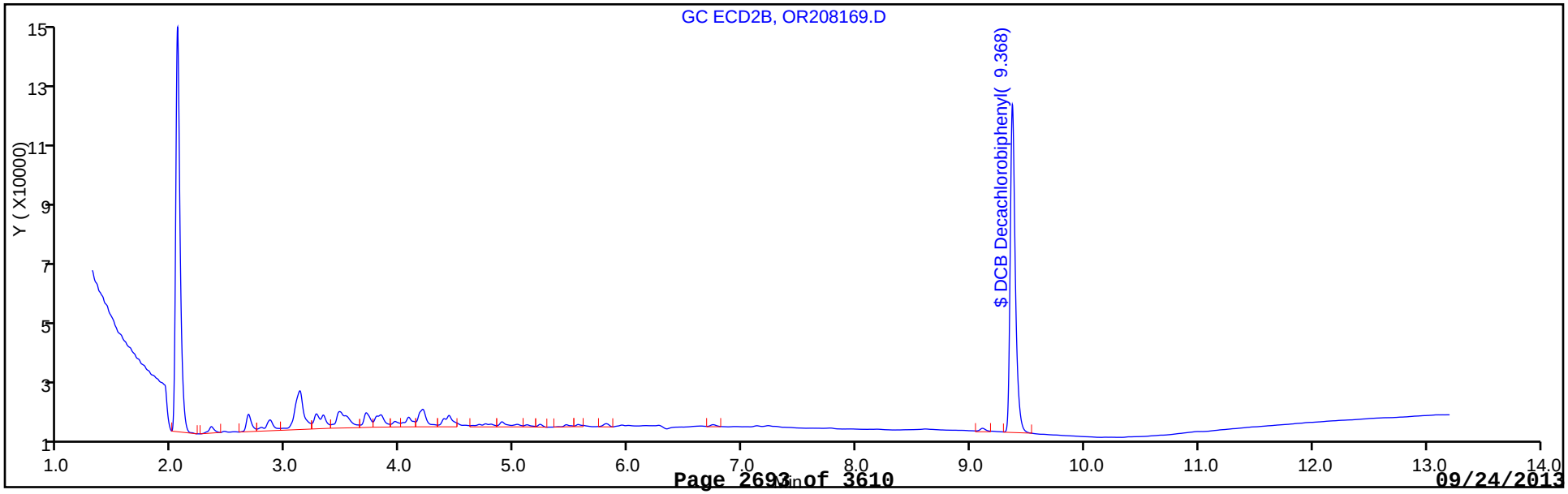
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208169.D

Injection Date:	17-Sep-2013 20:34:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-25SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	43
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-VD | Lab Sample ID: 460-62993-19

Matrix: Solid | Lab File ID: OR208212.D

Analysis Method: 8082 | Date Collected: 09/13/2013 10:10

Extraction Method: 3546 | Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.04(g) | Date Analyzed: 09/18/2013 10:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	12000		710	160
11096-82-5	Aroclor 1260	1800		710	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208212.D
Lims ID: 460-62993-E-19-B Client ID: PMP-7SE-VD
Inject. Date: 18-Sep-2013 10:23:30 Dil. Factor: 10.0000
Sample Type: Client
Sample ID: 460-0004765-009
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 181943 Lims Sample ID: 9
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\8082GC7.m
Last Update: 18-Sep-2013 15:15:20 Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji Date: 18-Sep-2013 12:05:56

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	3.088	3.088	0.0	118518	806.8	
1	3.560	3.562	-0.002	625044	2167.0	M
1	4.102	4.105	-0.003	1210818	2287.6	M
1	4.275	4.277	-0.002	399770	1774.0	M
1	0.0	5.412	-5.412	0	0	
		Average of Peak Amounts =			1758.9	
2	2.342	2.343	-0.001	134590	621.9	
2	2.667	2.670	-0.003	597213	1827.2	
2	3.120	3.123	-0.003	1395835	1911.6	M
2	3.263	3.265	-0.002	419731	1569.3	
2	3.700	3.703	-0.003	602466	2003.8	
		Average of Peak Amounts =			1586.7	
					RPD = 10.29	
10 PCB-1260						M
1	0.0	6.575	-6.575	0	0	
1	6.908	6.920	-0.012	105238	244.7	M
1	8.482	8.497	-0.015	105676	262.5	
1	8.998	9.007	-0.009	167048	246.4	M
1	10.183	10.185	-0.002	39825	250.9	
		Average of Peak Amounts =			251.2	
2	0.0	5.118	-5.118	0	0	
2	6.270	6.277	-0.007	89831	221.6	M
2	6.743	6.752	-0.009	232349	240.9	M
2	7.228	7.238	-0.010	113800	229.1	M
2	8.602	8.613	-0.011	71170	234.7	M
		Average of Peak Amounts =			231.5	
					RPD = 8.12	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags

QC Flag Legend

Review Flags
M - Manually Integrated

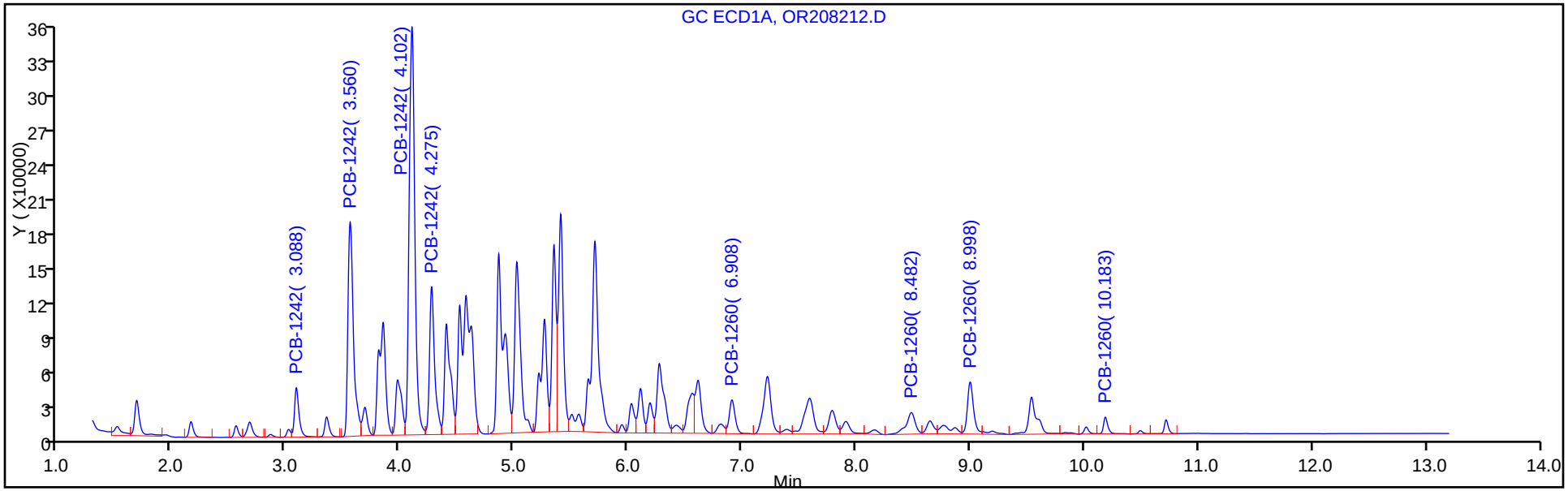
Report Date: 18-Sep-2013 15:15:37 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

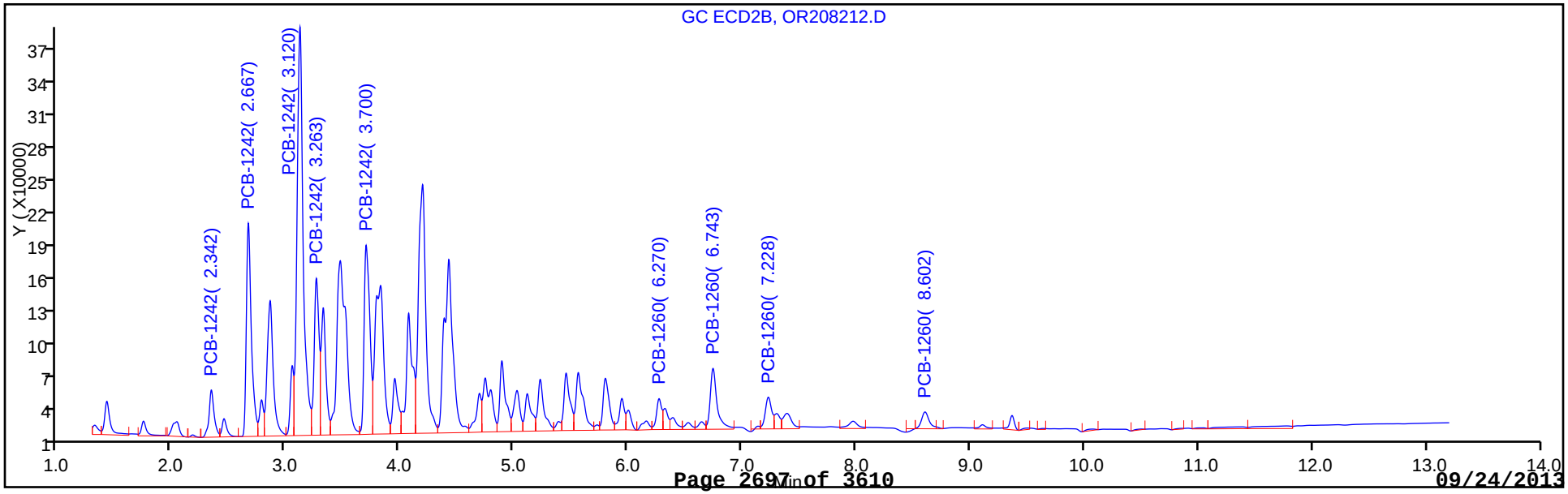
Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208212.D

Injection Date:	18-Sep-2013 10:23:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-7SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



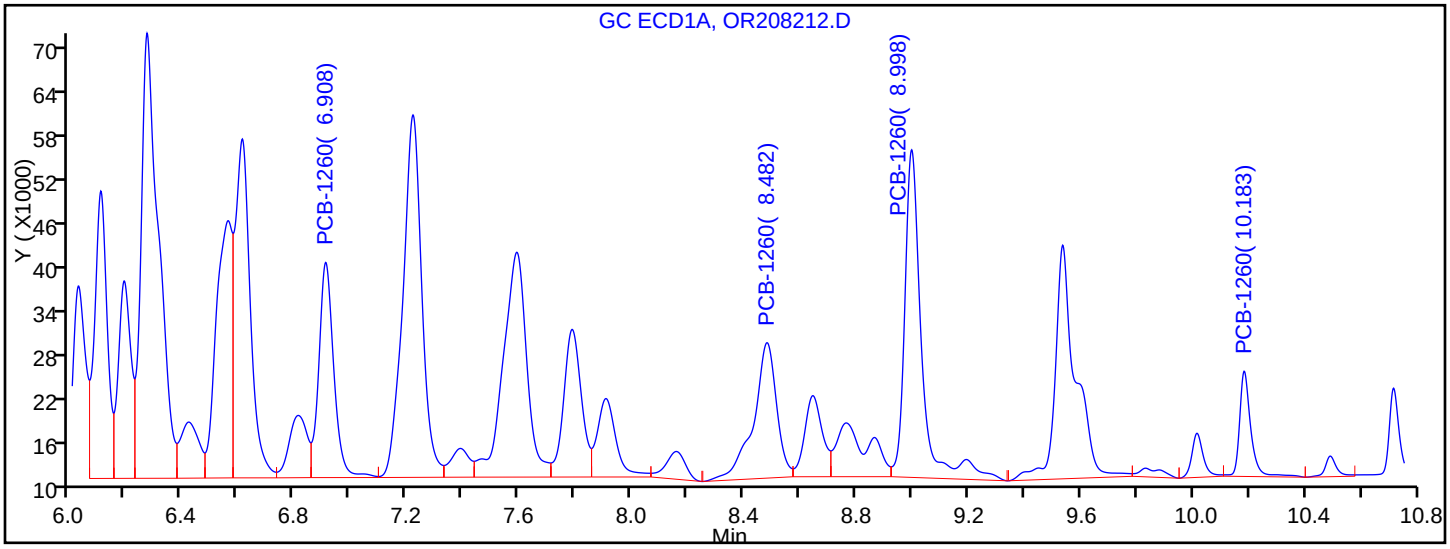
Report Date: 18-Sep-2013 15:15:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208212.D

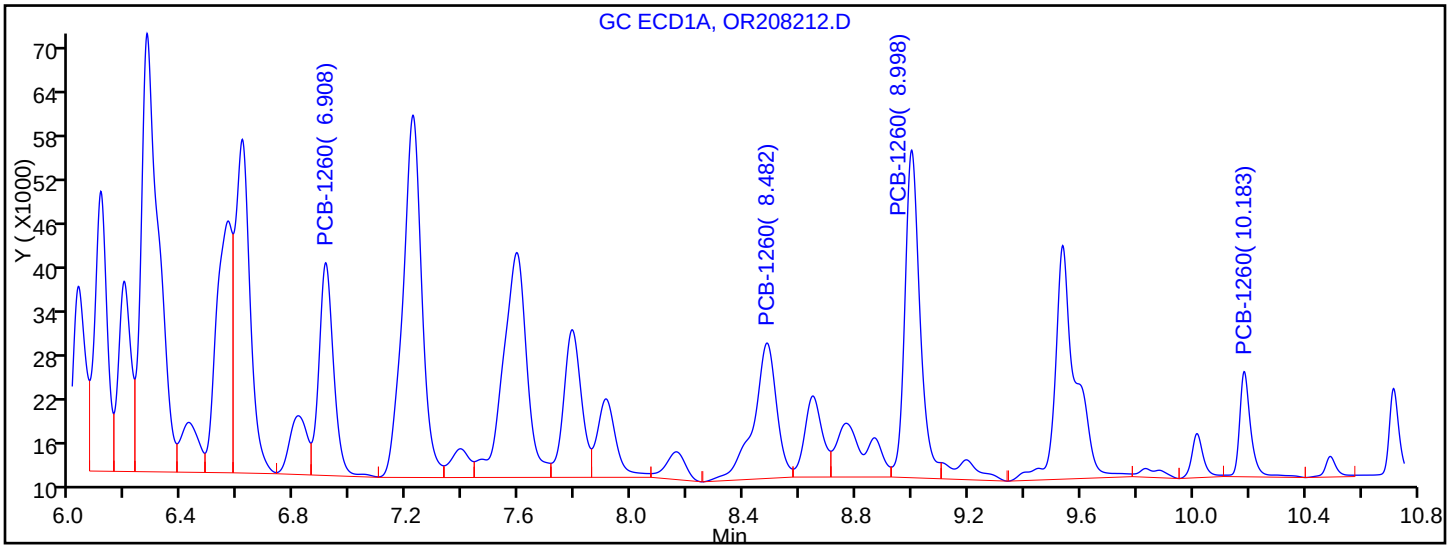
Injection Date:	18-Sep-2013 10:23:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-7SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 6.562	Response = 136823	M
RT = 6.908	Response = 108593	M
RT = 8.482	Response = 105676	
RT = 8.998	Response = 186372	M
RT = 10.183	Response = 39825	



Manual Integration Results

RT = 0.000	Response = 0	M
RT = 6.908	Response = 105238	M
RT = 8.482	Response = 105676	
RT = 8.998	Response = 167048	M
RT = 10.183	Response = 39825	

Reviewer: patelji, 18-Sep-2013 12:05:56

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-VD Lab Sample ID: 460-62993-19

Matrix: Solid Lab File ID: OR208212.D

Analysis Method: 8082 Date Collected: 09/13/2013 10:10

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.04(g) Date Analyzed: 09/18/2013 10:23

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	160	U	710	160
11104-28-2	Aroclor 1221	160	U	710	160
11141-16-5	Aroclor 1232	160	U	710	160
12672-29-6	Aroclor 1248	160	U	710	160
11097-69-1	Aroclor 1254	200	U	710	200
37324-23-5	Aroclor 1262	200	U	710	200
11100-14-4	Aroclor 1268	200	U	710	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208212.D
Lims ID: 460-62993-E-19-B Client ID: PMP-7SE-VD
Inject. Date: 18-Sep-2013 10:23:30 Dil. Factor: 10.0000
Sample Type: Client
Sample ID: 460-0004765-009
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 181943 Lims Sample ID: 9
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\8082GC7.m
Last Update: 18-Sep-2013 15:15:20 Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji Date: 18-Sep-2013 12:05:56

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	3.088	3.088	0.0	118518	806.8	
1	3.560	3.562	-0.002	625044	2167.0	M
1	4.102	4.105	-0.003	1210818	2287.6	M
1	4.275	4.277	-0.002	399770	1774.0	M
1	0.0	5.412	-5.412	0	0	
		Average of Peak Amounts =			1758.9	
2	2.342	2.343	-0.001	134590	621.9	
2	2.667	2.670	-0.003	597213	1827.2	
2	3.120	3.123	-0.003	1395835	1911.6	M
2	3.263	3.265	-0.002	419731	1569.3	
2	3.700	3.703	-0.003	602466	2003.8	
		Average of Peak Amounts =			1586.7	
					RPD = 10.29	
10 PCB-1260						M
1	0.0	6.575	-6.575	0	0	
1	6.908	6.920	-0.012	105238	244.7	M
1	8.482	8.497	-0.015	105676	262.5	
1	8.998	9.007	-0.009	167048	246.4	M
1	10.183	10.185	-0.002	39825	250.9	
		Average of Peak Amounts =			251.2	
2	0.0	5.118	-5.118	0	0	
2	6.270	6.277	-0.007	89831	221.6	M
2	6.743	6.752	-0.009	232349	240.9	M
2	7.228	7.238	-0.010	113800	229.1	M
2	8.602	8.613	-0.011	71170	234.7	M
		Average of Peak Amounts =			231.5	
					RPD = 8.12	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags

QC Flag Legend

Review Flags
M - Manually Integrated

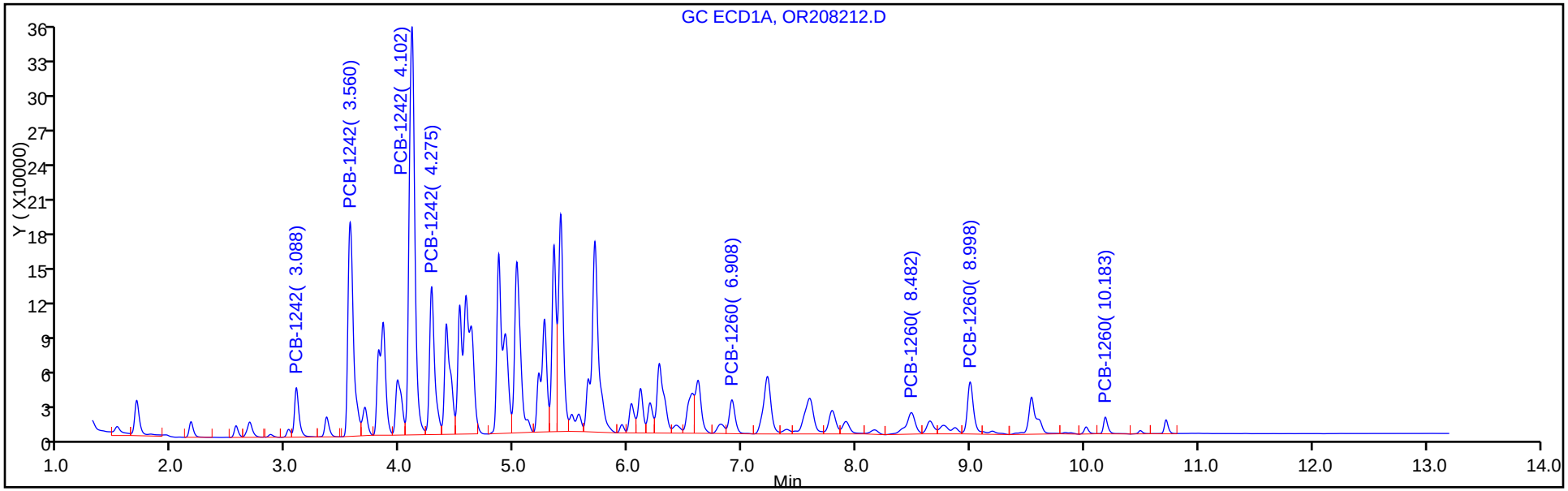
Report Date: 18-Sep-2013 15:15:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

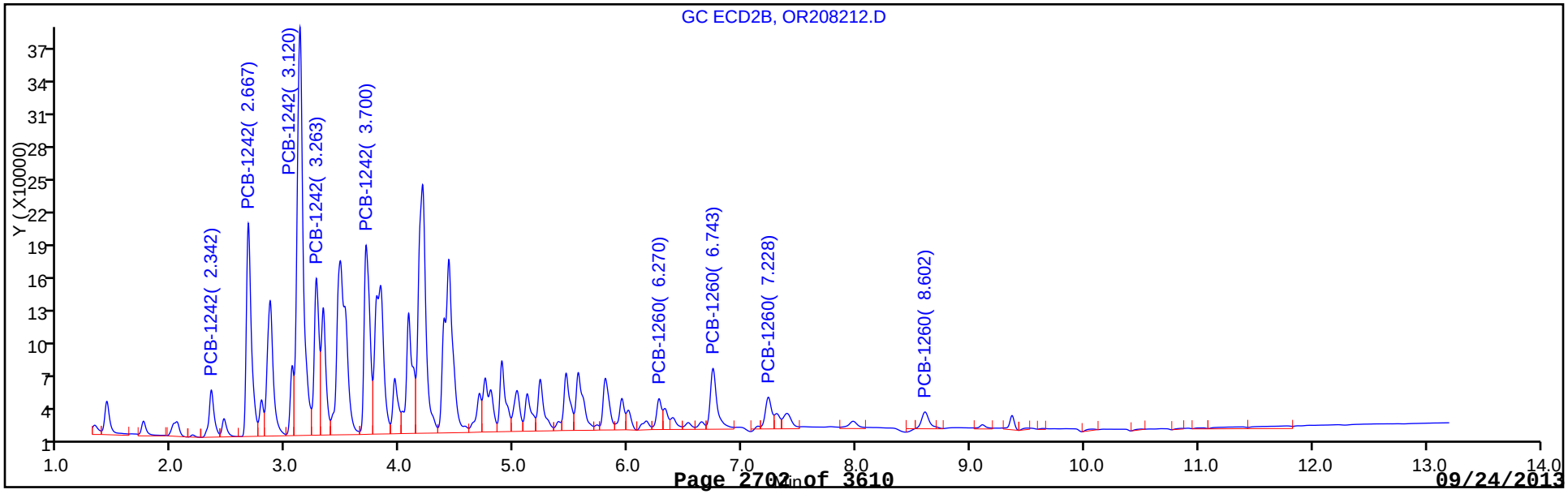
Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208212.D

Injection Date:	18-Sep-2013 10:23:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-7SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



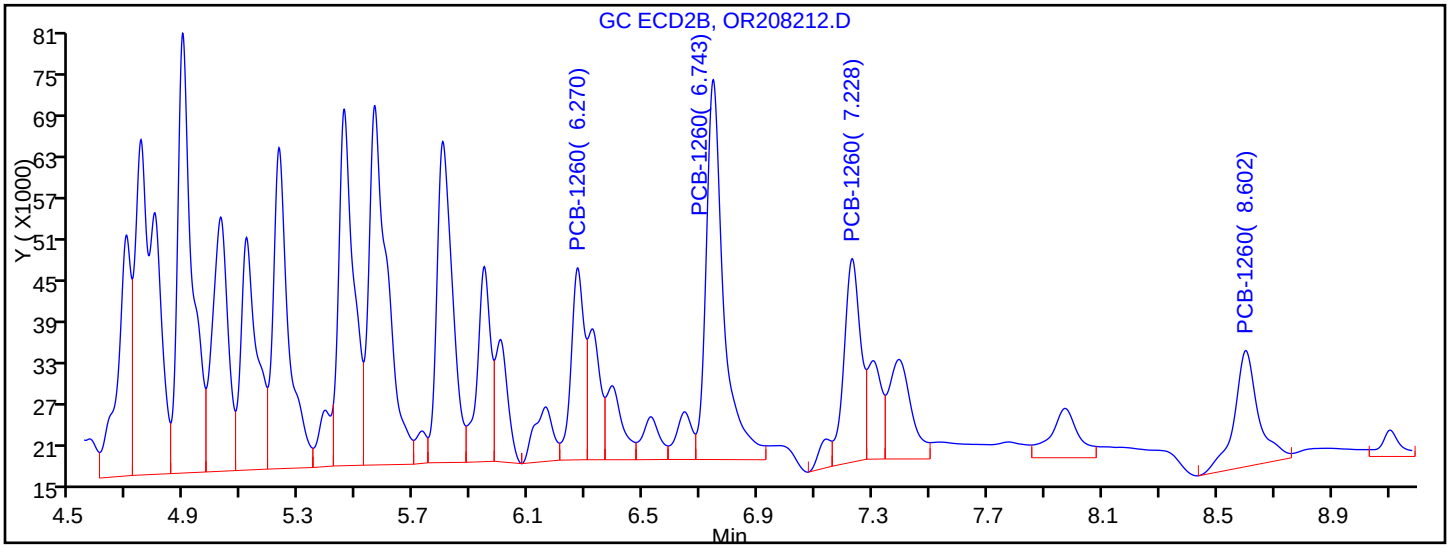
Report Date: 18-Sep-2013 15:15:39 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208212.D

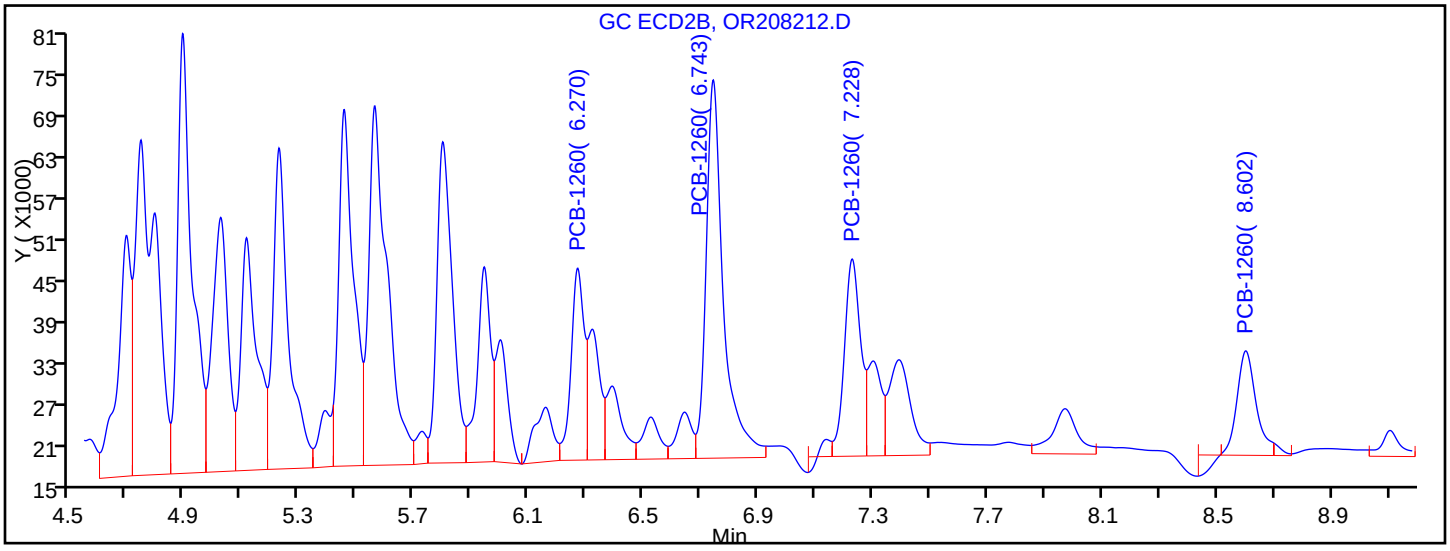
Injection Date:	18-Sep-2013 10:23:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-7SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 PCB-1260, Detector: 2, GC ECD2B



Processing Integration Results

RT = 5.113	Response = 133110	
RT = 6.270	Response = 89875	M
RT = 6.743	Response = 236664	M
RT = 7.228	Response = 120953	M
RT = 8.602	Response = 99697	M



Manual Integration Results

RT = 0.000	Response = 0	
RT = 6.270	Response = 89831	M
RT = 6.743	Response = 232349	M
RT = 7.228	Response = 113800	M
RT = 8.602	Response = 71170	M

Reviewer: patelji, 18-Sep-2013 12:05:56

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-WT Lab Sample ID: 460-62993-20

Matrix: Solid Lab File ID: OR208213.D

Analysis Method: 8082 Date Collected: 09/13/2013 10:15

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 10:39

Con. Extract Vol.: 10(mL) Dilution Factor: 100

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	110000		7400	1700
11096-82-5	Aroclor 1260	12000		7400	2100

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208213.D
Lims ID: 460-62993-E-20-B Client ID: PMP-7SE-WT
Inject. Date: 18-Sep-2013 10:39:30 Dil. Factor: 100.0000
Sample Type: Client
Sample ID: 460-0004765-010
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 181943 Lims Sample ID: 10
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\8082GC7.m
Last Update: 18-Sep-2013 15:15:20 Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji Date: 18-Sep-2013 12:09:56

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.085	3.088	-0.003	209249	1424.5	M
1	3.558	3.562	-0.004	428333	1485.0	M
1	4.100	4.105	-0.005	785796	1484.6	
1	4.273	4.277	-0.004	338987	1504.3	
1	5.405	5.412	-0.007	343223	1580.1	M
		Average of Peak Amounts =			1495.7	
2	2.342	2.343	-0.001	269915	1247.2	
2	2.668	2.670	-0.002	451213	1380.5	
2	3.122	3.123	-0.001	1014629	1389.5	M
2	3.263	3.265	-0.002	385751	1442.2	
2	3.702	3.703	-0.001	416825	1386.4	
		Average of Peak Amounts =			1369.2	
					RPD = 8.83	
10 PCB-1260						
1	0.0	6.575	-6.575	0	0	
1	6.908	6.920	-0.012	78054	181.5	
1	8.482	8.497	-0.015	62572	155.4	
1	8.997	9.007	-0.010	103842	153.2	M
1	10.182	10.185	-0.003	21979	138.5	
		Average of Peak Amounts =			157.2	
2	0.0	5.118	-5.118	0	0	
2	6.270	6.277	-0.007	64936	160.2	M
2	6.745	6.752	-0.007	148738	154.2	
2	7.230	7.238	-0.008	69231	139.4	
2	8.603	8.613	-0.010	39484	130.2	
		Average of Peak Amounts =			146.0	
					RPD = 7.37	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags

QC Flag Legend

Review Flags
M - Manually Integrated

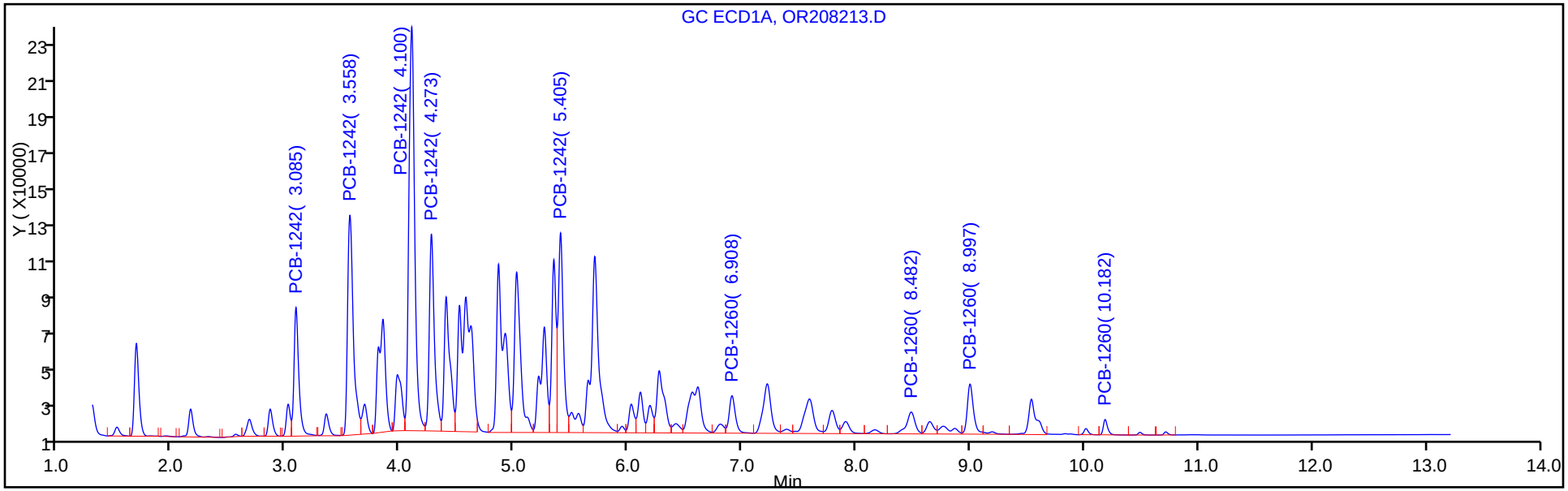
Report Date: 18-Sep-2013 15:15:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

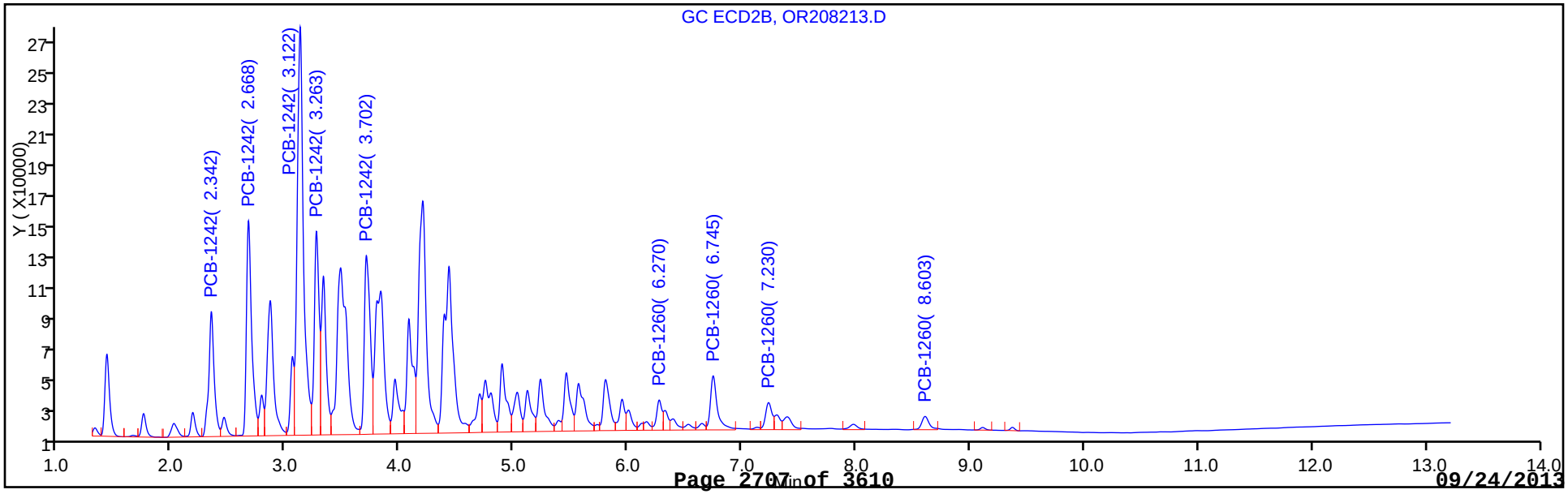
Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208213.D

Injection Date:	18-Sep-2013 10:39:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-7SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



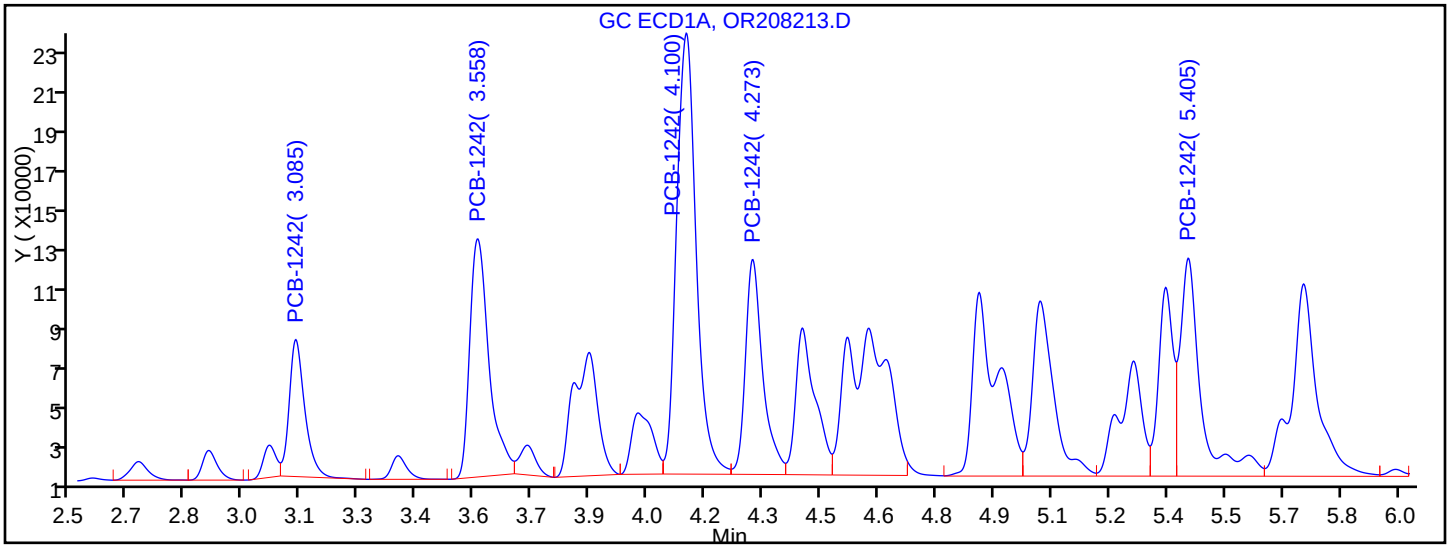
Report Date: 18-Sep-2013 15:15:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208213.D

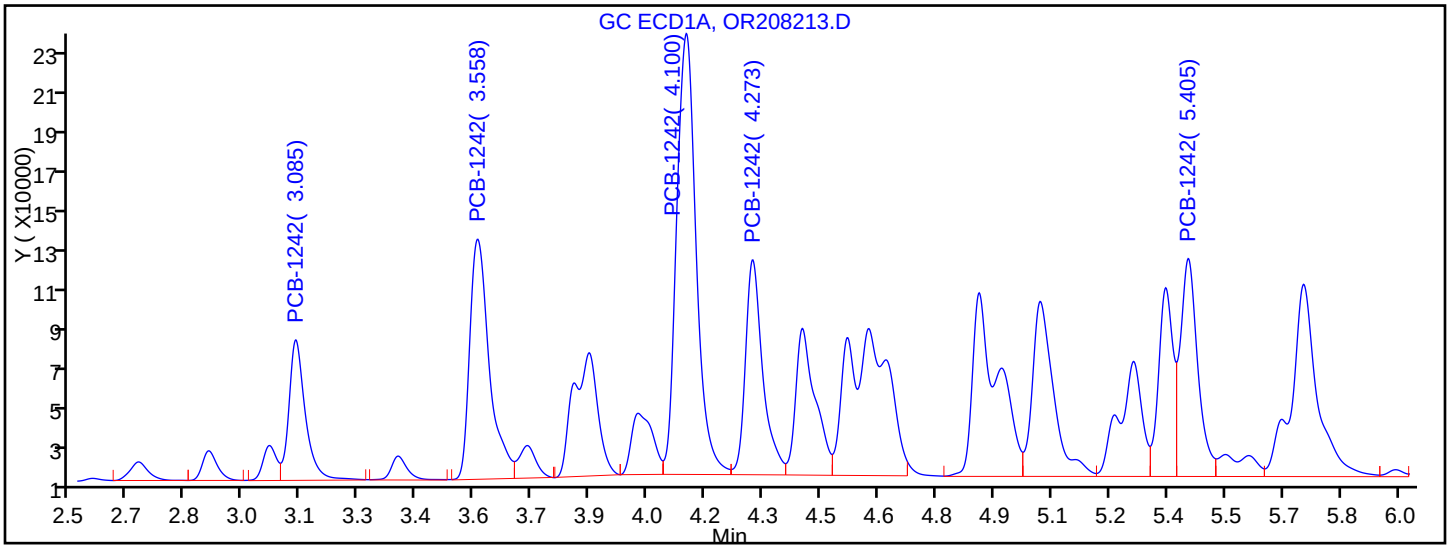
Injection Date:	18-Sep-2013 10:39:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-7SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.085	Response = 194346	M
RT = 3.558	Response = 416857	M
RT = 4.100	Response = 785796	
RT = 4.273	Response = 338987	
RT = 5.405	Response = 408660	M



Manual Integration Results

RT = 3.085	Response = 209249	M
RT = 3.558	Response = 428333	M
RT = 4.100	Response = 785796	
RT = 4.273	Response = 338987	
RT = 5.405	Response = 343223	M

Reviewer: patelji, 18-Sep-2013 12:12:22

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-WT | Lab Sample ID: 460-62993-20

Matrix: Solid | Lab File ID: OR208213.D

Analysis Method: 8082 | Date Collected: 09/13/2013 10:15

Extraction Method: 3546 | Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2013 10:39

Con. Extract Vol.: 10(mL) | Dilution Factor: 100

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1700	U	7400	1700
11104-28-2	Aroclor 1221	1700	U	7400	1700
11141-16-5	Aroclor 1232	1700	U	7400	1700
12672-29-6	Aroclor 1248	1700	U	7400	1700
11097-69-1	Aroclor 1254	2100	U	7400	2100
37324-23-5	Aroclor 1262	2100	U	7400	2100
11100-14-4	Aroclor 1268	2100	U	7400	2100

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208213.D
Lims ID: 460-62993-E-20-B Client ID: PMP-7SE-WT
Inject. Date: 18-Sep-2013 10:39:30 Dil. Factor: 100.0000
Sample Type: Client
Sample ID: 460-0004765-010
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 181943 Lims Sample ID: 10
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\8082GC7.m
Last Update: 18-Sep-2013 15:15:20 Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji Date: 18-Sep-2013 12:09:56

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.085	3.088	-0.003	209249	1424.5	M
1	3.558	3.562	-0.004	428333	1485.0	M
1	4.100	4.105	-0.005	785796	1484.6	
1	4.273	4.277	-0.004	338987	1504.3	
1	5.405	5.412	-0.007	343223	1580.1	M
		Average of Peak Amounts =			1495.7	
2	2.342	2.343	-0.001	269915	1247.2	
2	2.668	2.670	-0.002	451213	1380.5	
2	3.122	3.123	-0.001	1014629	1389.5	M
2	3.263	3.265	-0.002	385751	1442.2	
2	3.702	3.703	-0.001	416825	1386.4	
		Average of Peak Amounts =			1369.2	
					RPD = 8.83	
10 PCB-1260						
1	0.0	6.575	-6.575	0	0	
1	6.908	6.920	-0.012	78054	181.5	
1	8.482	8.497	-0.015	62572	155.4	
1	8.997	9.007	-0.010	103842	153.2	M
1	10.182	10.185	-0.003	21979	138.5	
		Average of Peak Amounts =			157.2	
2	0.0	5.118	-5.118	0	0	
2	6.270	6.277	-0.007	64936	160.2	M
2	6.745	6.752	-0.007	148738	154.2	
2	7.230	7.238	-0.008	69231	139.4	
2	8.603	8.613	-0.010	39484	130.2	
		Average of Peak Amounts =			146.0	
					RPD = 7.37	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags

QC Flag Legend

Review Flags
M - Manually Integrated

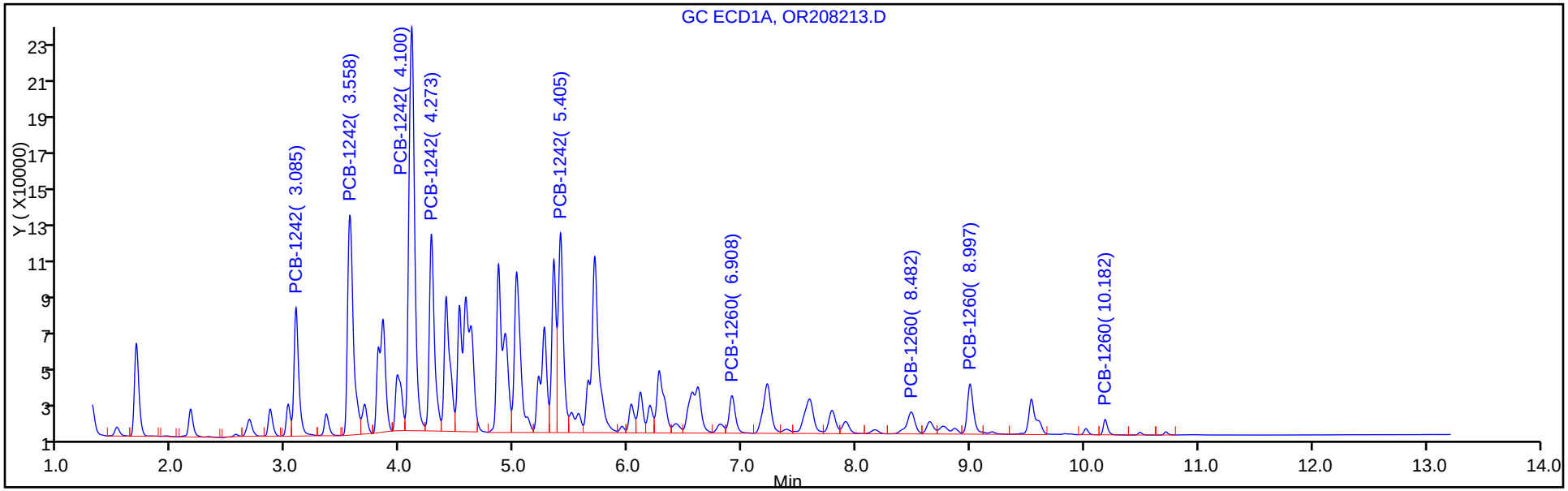
Report Date: 18-Sep-2013 15:15:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

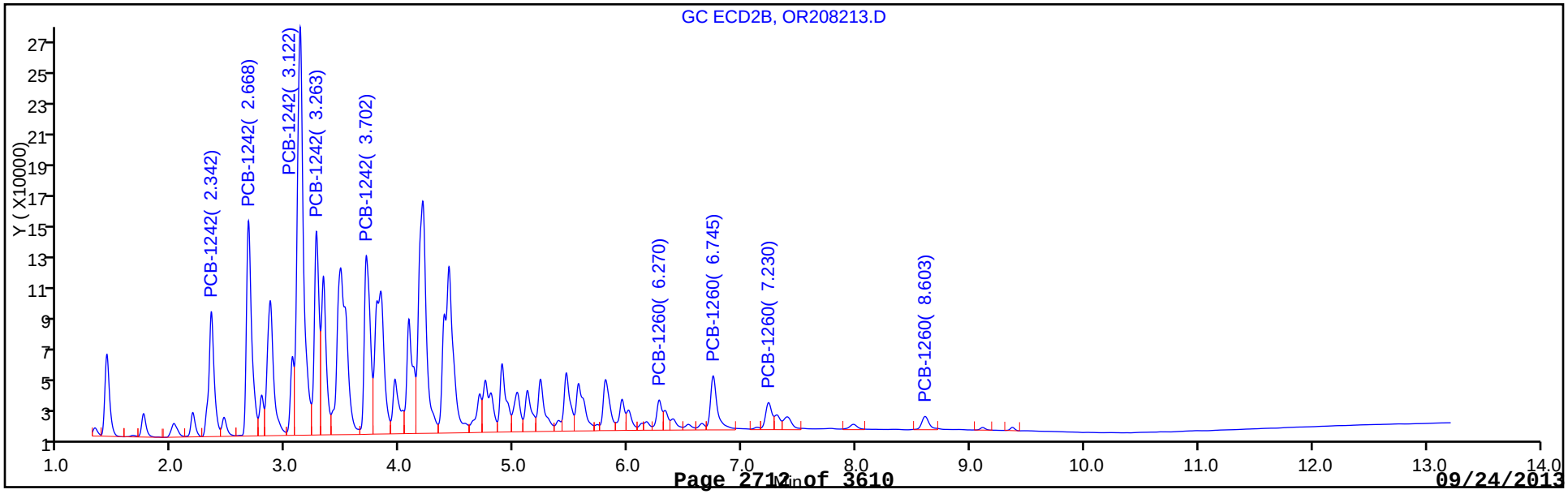
Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208213.D

Injection Date:	18-Sep-2013 10:39:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-7SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



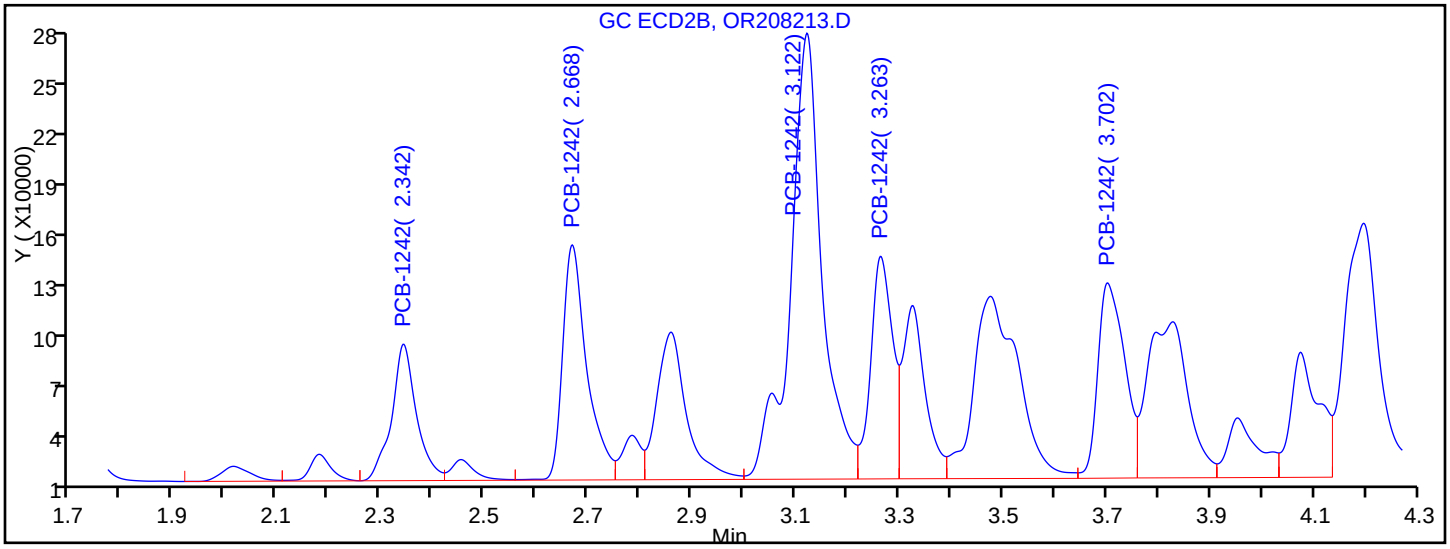
Report Date: 18-Sep-2013 15:15:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208213.D

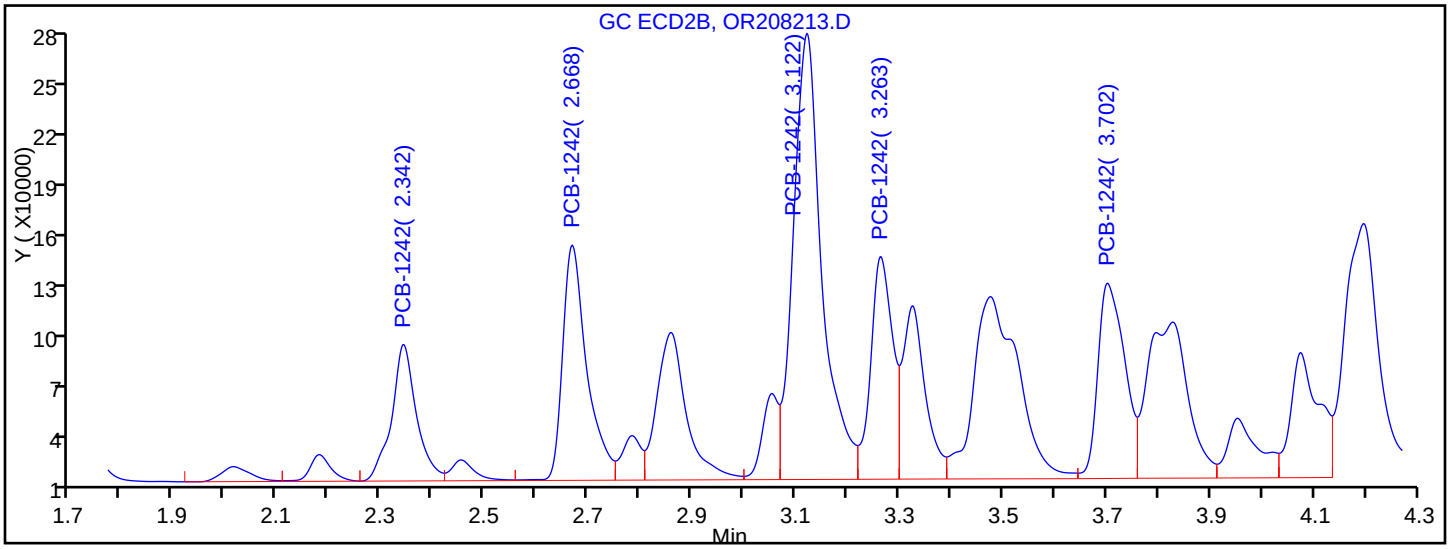
Injection Date:	18-Sep-2013 10:39:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-7SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.342	Response = 269915	
RT = 2.668	Response = 451213	
RT = 3.122	Response = 1125866	M
RT = 3.263	Response = 385751	
RT = 3.702	Response = 416825	



Manual Integration Results

RT = 2.342	Response = 269915	
RT = 2.668	Response = 451213	
RT = 3.122	Response = 1014629	M
RT = 3.263	Response = 385751	
RT = 3.702	Response = 416825	

Reviewer: patelji, 18-Sep-2013 12:12:22

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-SI Lab Sample ID: 460-62993-21

Matrix: Solid Lab File ID: OR208214.D

Analysis Method: 8082 Date Collected: 09/13/2013 10:20

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 10:55

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	29000		1600	360
11096-82-5	Aroclor 1260	3400		1600	450

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208214.D
Lims ID: 460-62993-E-21-D Client ID: PMP-7SE-SI
Inject. Date: 18-Sep-2013 10:55:30 Dil. Factor: 20.0000
Sample Type: Client
Sample ID: 460-0004765-011
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 181943 Lims Sample ID: 11
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\8082GC7.m
Last Update: 18-Sep-2013 13:15:42 Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji Date: 18-Sep-2013 12:11:22

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.085	3.088	-0.003	244317	1663.2	
1	3.558	3.562	-0.004	528658	1832.8	M
1	4.100	4.105	-0.005	978689	1849.1	
1	4.273	4.277	-0.004	423393	1878.8	
1	5.407	5.412	-0.005	432005	1988.8	M
		Average of Peak Amounts =			1842.6	
2	2.342	2.343	-0.001	337306	1558.6	
2	2.668	2.670	-0.002	546399	1671.7	
2	3.122	3.123	-0.001	1243469	1702.9	M
2	3.263	3.265	-0.002	474986	1775.8	
2	3.702	3.703	-0.001	512089	1703.2	
		Average of Peak Amounts =			1682.5	
					RPD = 9.08	
10 PCB-1260						
1	0.0	6.575	-6.575	0	0	
1	6.910	6.920	-0.010	105326	244.9	
1	8.482	8.497	-0.015	84589	210.1	
1	8.998	9.007	-0.009	143202	211.3	
1	10.182	10.185	-0.003	30090	189.6	
		Average of Peak Amounts =			214.0	
2	0.0	5.118	-5.118	0	0	
2	6.270	6.277	-0.007	84148	207.6	
2	6.743	6.752	-0.009	199919	207.3	
2	7.230	7.238	-0.008	94012	189.2	
2	8.603	8.613	-0.010	57028	188.0	
		Average of Peak Amounts =			198.0	
					RPD = 7.74	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 7 Polychlorinated biphenyls, Total						
1					2056.5	

QC Flag Legend

Review Flags
M - Manually Integrated

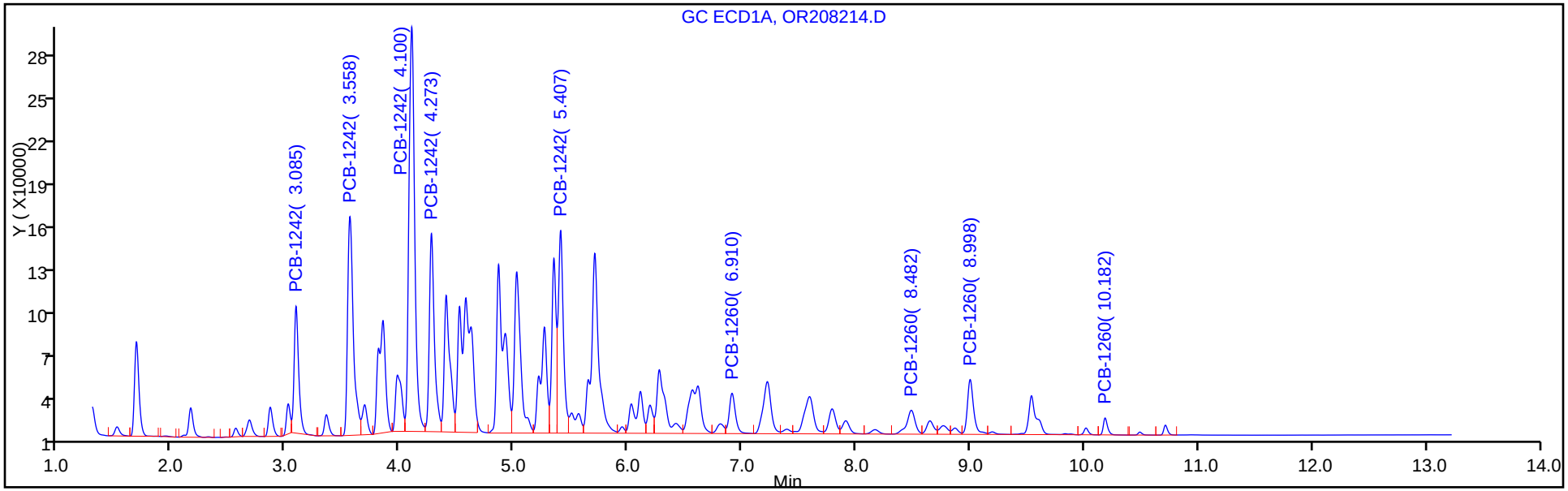
Report Date: 18-Sep-2013 15:15:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

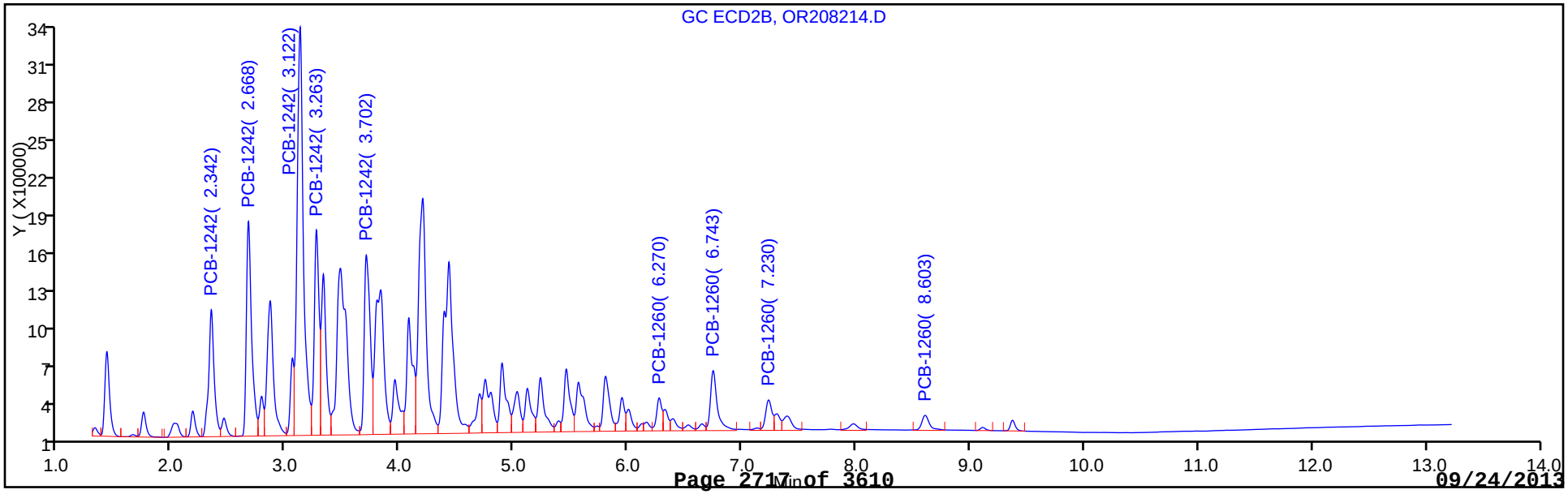
Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208214.D

Injection Date:	18-Sep-2013 10:55:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-7SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



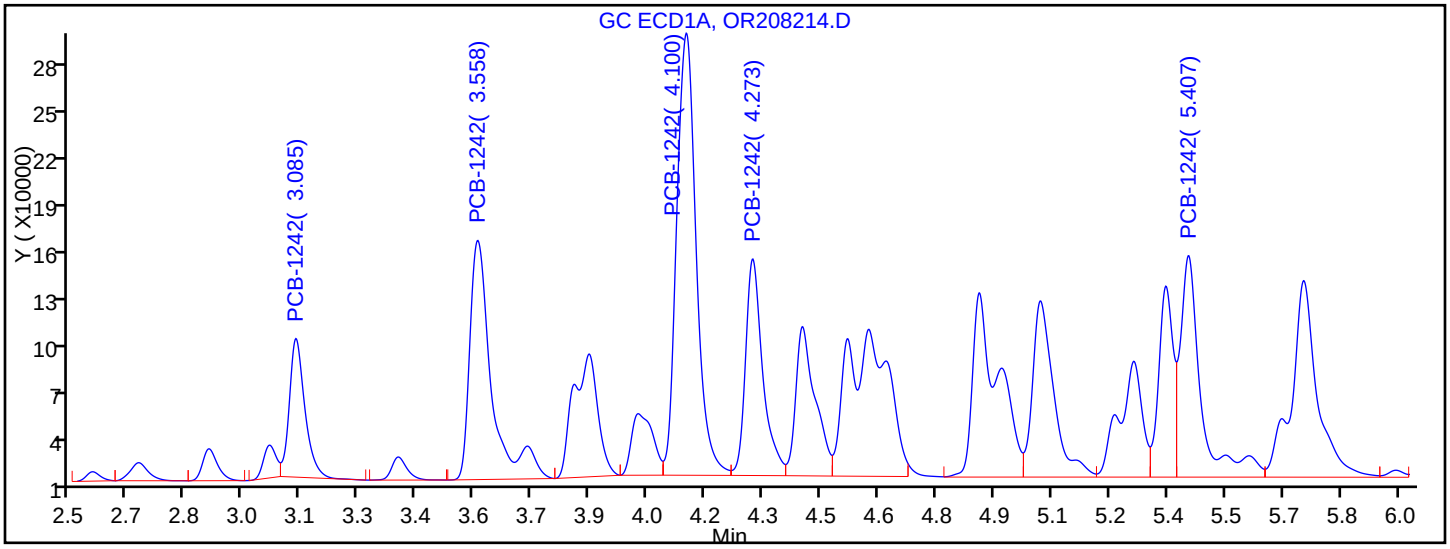
Report Date: 18-Sep-2013 15:15:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208214.D

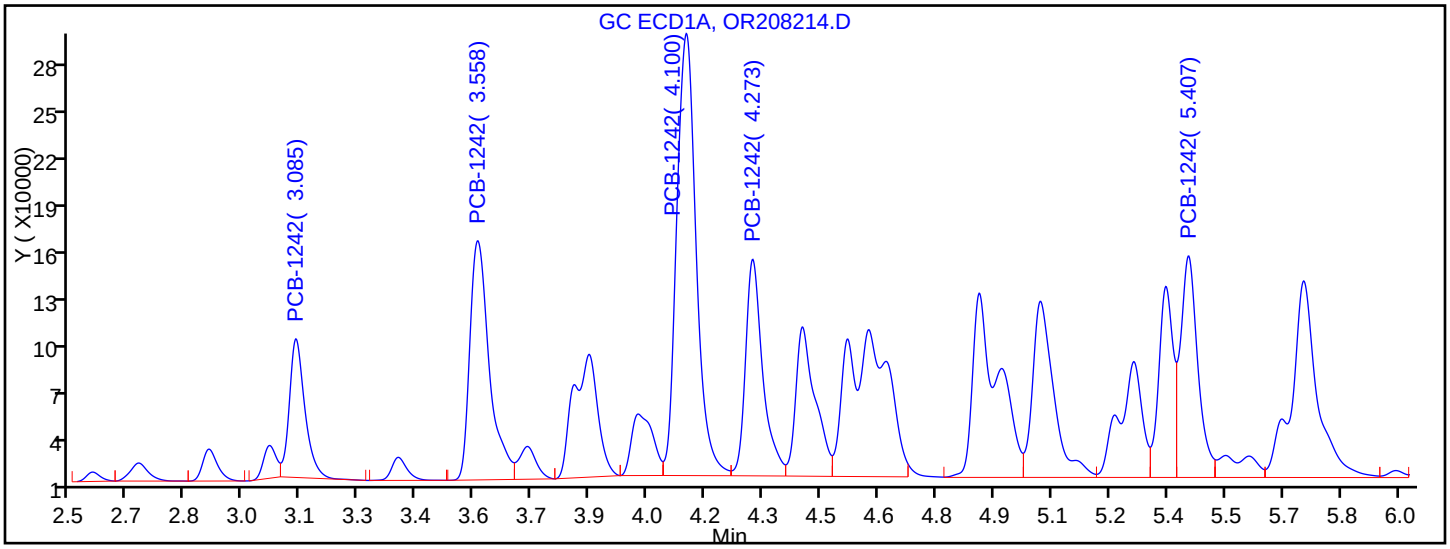
Injection Date:	18-Sep-2013 10:55:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-7SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.085	Response = 244317	
RT = 3.558	Response = 591839	M
RT = 4.100	Response = 978689	
RT = 4.273	Response = 423393	
RT = 5.407	Response = 516000	M



Manual Integration Results

RT = 3.085	Response = 244317	
RT = 3.558	Response = 528658	M
RT = 4.100	Response = 978689	
RT = 4.273	Response = 423393	
RT = 5.407	Response = 432005	M

Reviewer: patelji, 18-Sep-2013 12:11:22

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-SI Lab Sample ID: 460-62993-21

Matrix: Solid Lab File ID: OR208214.D

Analysis Method: 8082 Date Collected: 09/13/2013 10:20

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 10:55

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	360	U	1600	360
11104-28-2	Aroclor 1221	360	U	1600	360
11141-16-5	Aroclor 1232	360	U	1600	360
12672-29-6	Aroclor 1248	360	U	1600	360
11097-69-1	Aroclor 1254	450	U	1600	450
37324-23-5	Aroclor 1262	450	U	1600	450
11100-14-4	Aroclor 1268	450	U	1600	450

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208214.D
Lims ID: 460-62993-E-21-D
Client ID: PMP-7SE-SI
Inject. Date: 18-Sep-2013 10:55:30
Dil. Factor: 20.0000
Sample Type: Client
Sample ID: 460-0004765-011
Misc. Info.:
Operator:
Instrument ID: CPESTGC7
Injection Vol: 1.0 ul
ALS Bottle#: 11
Lims Batch ID: 181943
Lims Sample ID: 11
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\8082GC7.m
Last Update: 18-Sep-2013 13:15:42
Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji
Date: 18-Sep-2013 12:11:22

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.085	3.088	-0.003	244317	1663.2	
1	3.558	3.562	-0.004	528658	1832.8	M
1	4.100	4.105	-0.005	978689	1849.1	
1	4.273	4.277	-0.004	423393	1878.8	
1	5.407	5.412	-0.005	432005	1988.8	M
		Average of Peak Amounts =			1842.6	
2	2.342	2.343	-0.001	337306	1558.6	
2	2.668	2.670	-0.002	546399	1671.7	
2	3.122	3.123	-0.001	1243469	1702.9	M
2	3.263	3.265	-0.002	474986	1775.8	
2	3.702	3.703	-0.001	512089	1703.2	
		Average of Peak Amounts =			1682.5	
					RPD = 9.08	
10 PCB-1260						
1	0.0	6.575	-6.575	0	0	
1	6.910	6.920	-0.010	105326	244.9	
1	8.482	8.497	-0.015	84589	210.1	
1	8.998	9.007	-0.009	143202	211.3	
1	10.182	10.185	-0.003	30090	189.6	
		Average of Peak Amounts =			214.0	
2	0.0	5.118	-5.118	0	0	
2	6.270	6.277	-0.007	84148	207.6	
2	6.743	6.752	-0.009	199919	207.3	
2	7.230	7.238	-0.008	94012	189.2	
2	8.603	8.613	-0.010	57028	188.0	
		Average of Peak Amounts =			198.0	
					RPD = 7.74	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
S	7 Polychlorinated biphenyls, Total					
1					2056.5	

QC Flag Legend

Review Flags
M - Manually Integrated

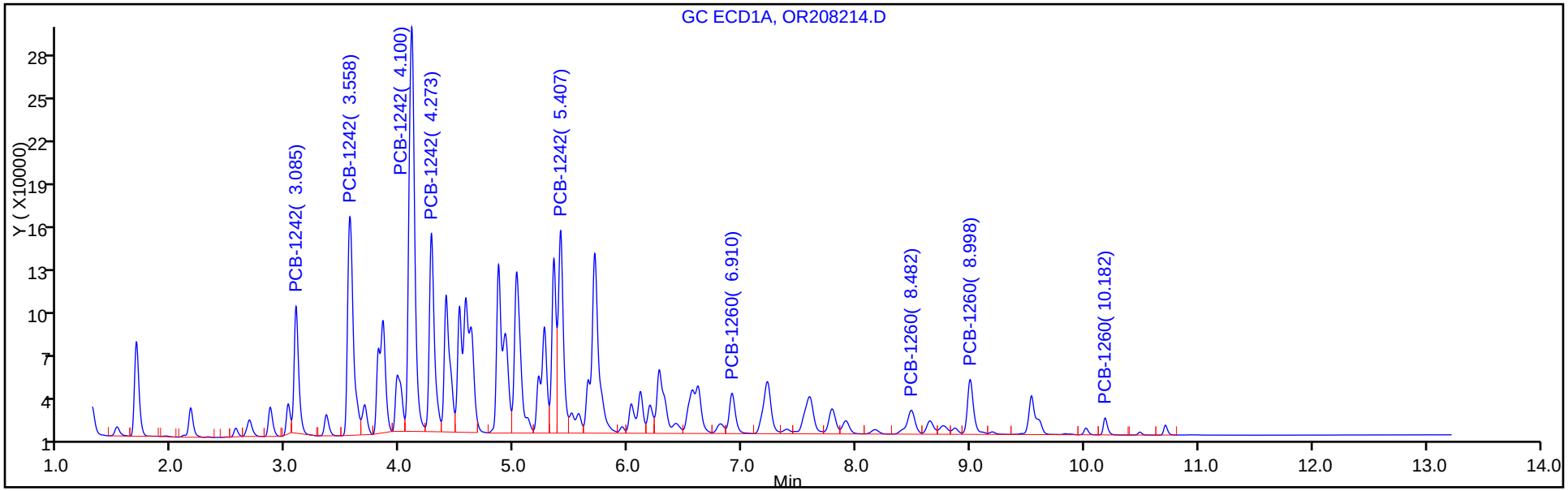
Report Date: 18-Sep-2013 15:15:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

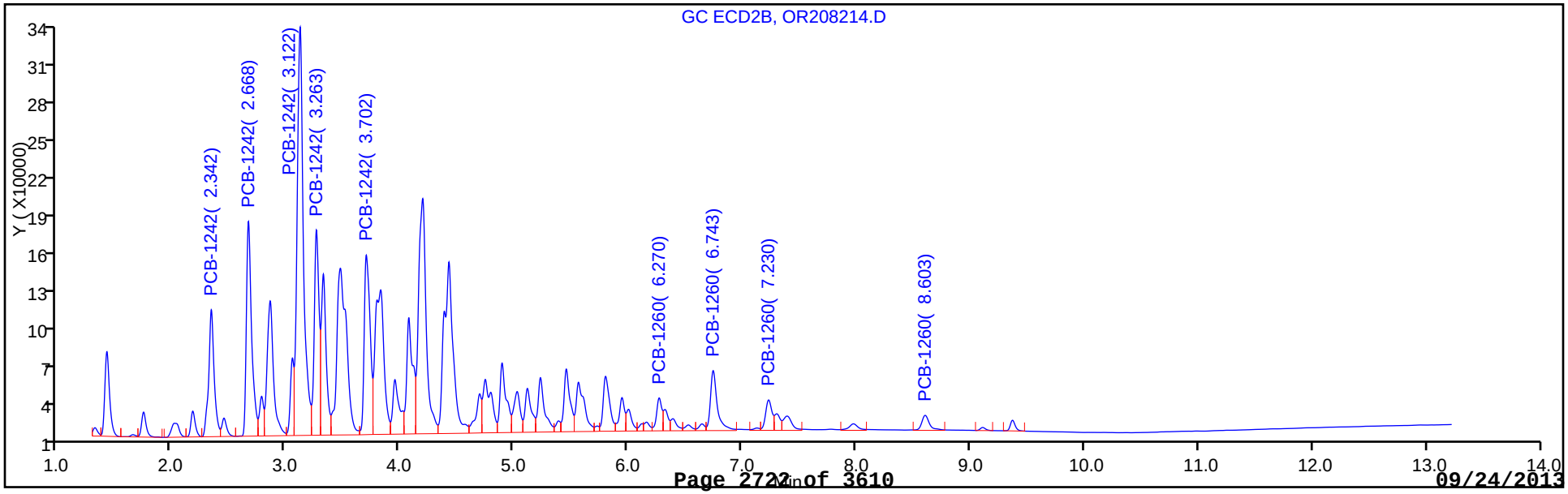
Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208214.D

Injection Date:	18-Sep-2013 10:55:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-7SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



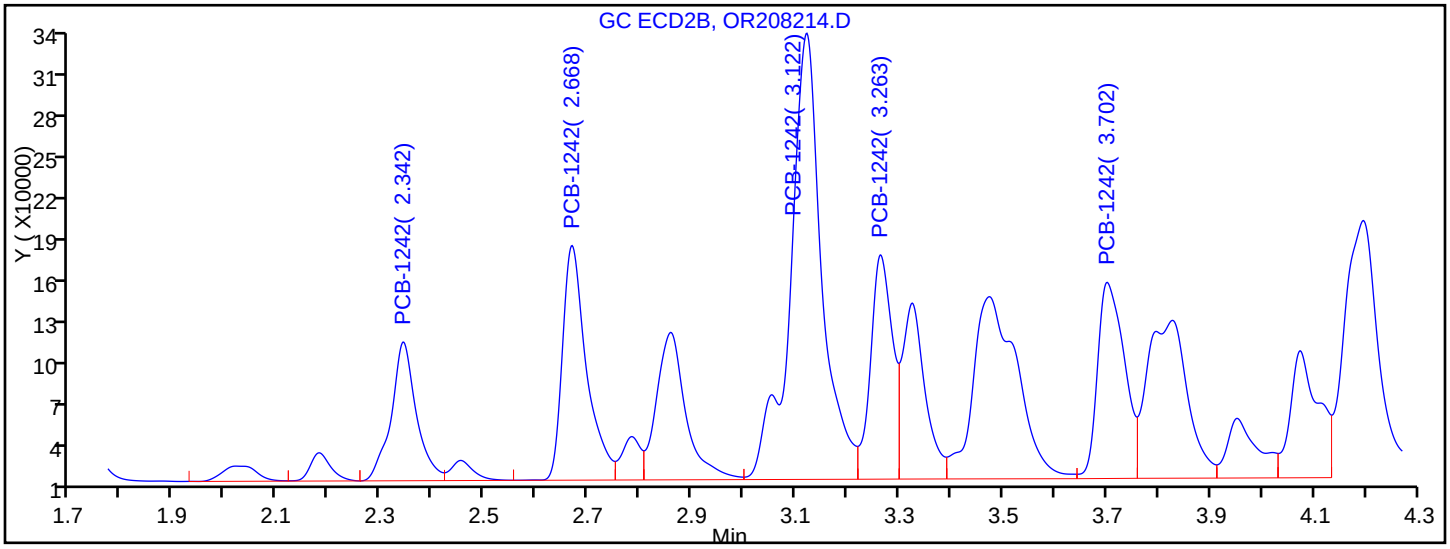
Report Date: 18-Sep-2013 15:15:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208214.D

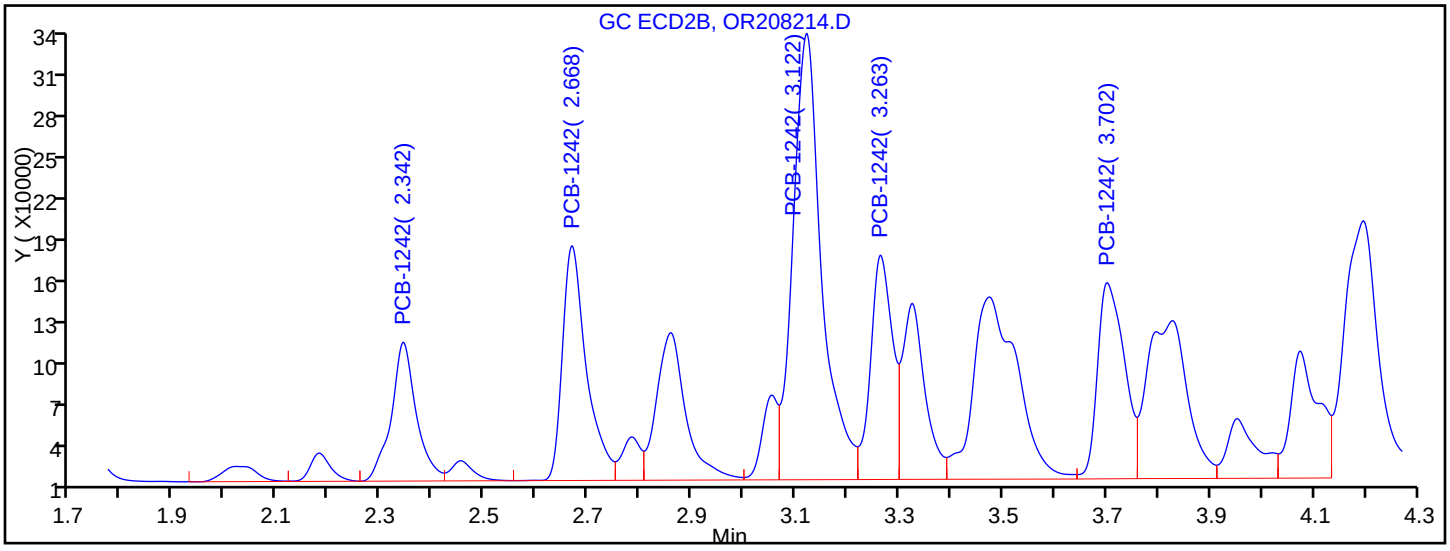
Injection Date:	18-Sep-2013 10:55:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-7SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.342	Response = 337306	
RT = 2.668	Response = 546399	
RT = 3.122	Response = 1371967	M
RT = 3.263	Response = 474986	
RT = 3.702	Response = 512089	



Manual Integration Results

RT = 2.342	Response = 337306	
RT = 2.668	Response = 546399	
RT = 3.122	Response = 1243469	M
RT = 3.263	Response = 474986	
RT = 3.702	Response = 512089	

Reviewer: patelji, 18-Sep-2013 12:11:22

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-VD Lab Sample ID: 460-62993-22

Matrix: Solid Lab File ID: OR208181.D

Analysis Method: 8082 Date Collected: 09/13/2013 10:45

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 23:52

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	55	J	70	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208181.D		
Lims ID:	460-62993-E-22-A	Client ID:	PMP-10SE-VD
Inject. Date:	17-Sep-2013 23:52:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-055		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	55
Lims Batch ID:	181811	Lims Sample ID:	55
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:05:25

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	3.092	3.088	0.004	9514	64.8	
1	3.563	3.562	0.001	20399	70.7	M
1	0.0	4.105	-4.105	0	0	
1	4.278	4.277	0.001	24958	110.8	M
1	5.410	5.412	-0.002	15650	72.0	M
		Average of Peak Amounts =			79.6	
2	2.343	2.343	0.0	12516	57.8	M
2	2.668	2.670	-0.002	22239	68.0	
2	0.0	3.123	-3.123	0	0	
2	3.263	3.265	-0.002	23992	89.7	M
2	3.702	3.703	-0.001	27077	90.1	
		Average of Peak Amounts =			76.4	
					RPD = 4.06	
$ 5 DCB Decachlorobiphenyl						
1	10.700	10.710	-0.010	178168	45.7	
2	9.368	9.377	-0.009	303982	43.1	
					RPD = 5.83	

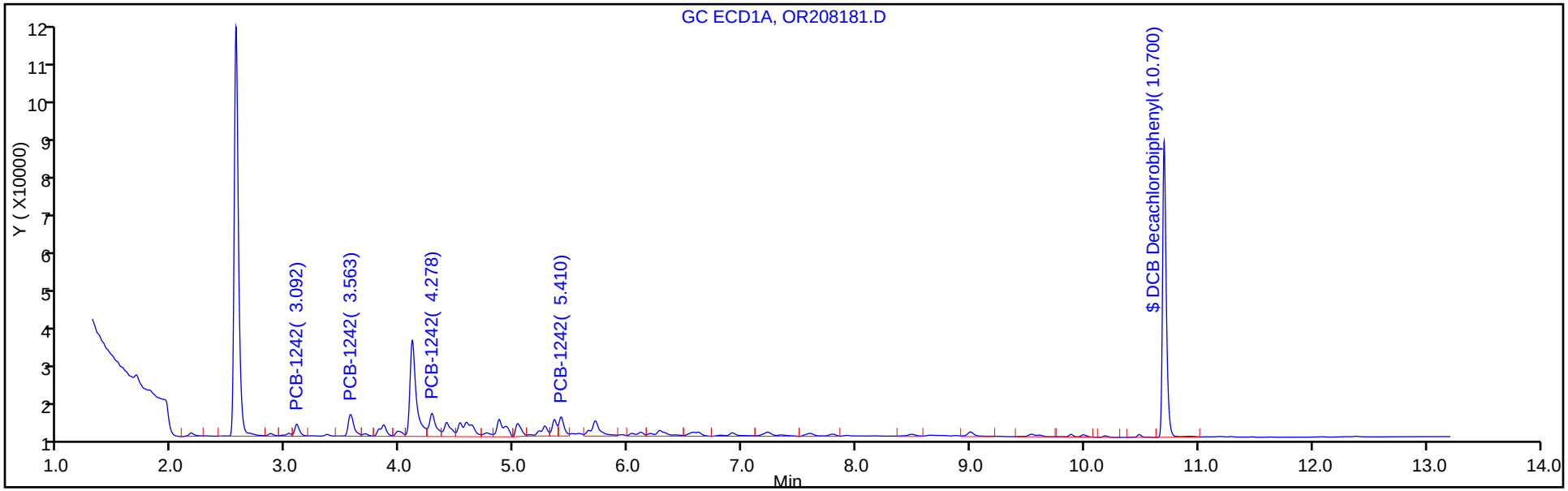
Report Date: 18-Sep-2013 11:46:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

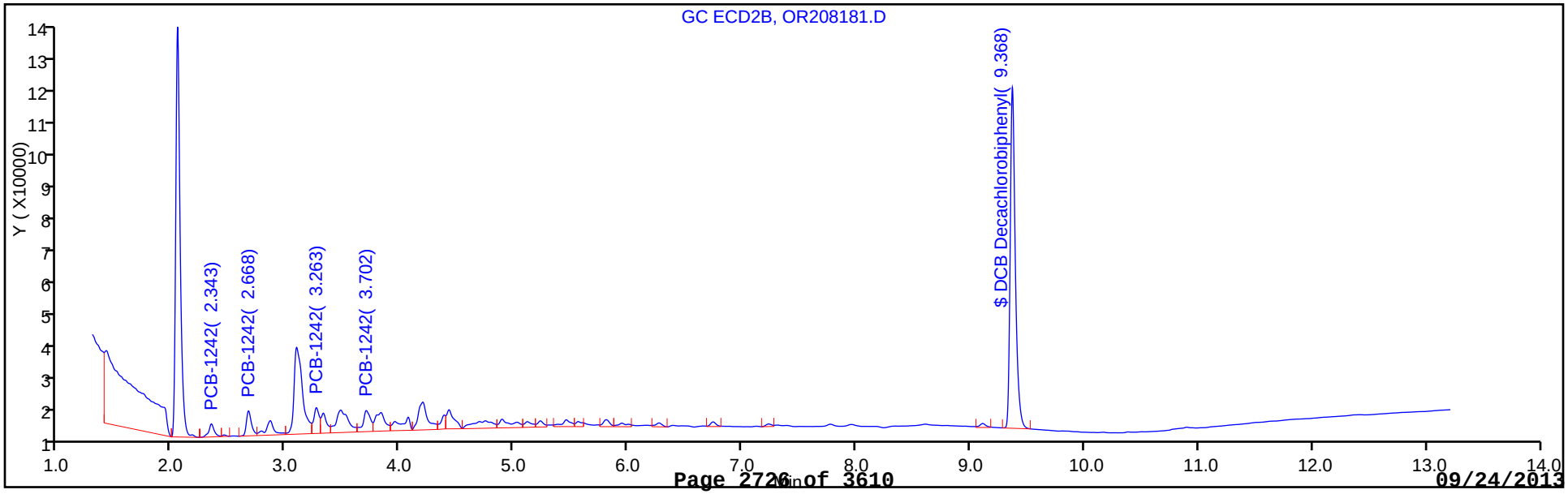
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208181.D

Injection Date:	17-Sep-2013 23:52:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-10SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	55
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-VD Lab Sample ID: 460-62993-22

Matrix: Solid Lab File ID: OR208181.D

Analysis Method: 8082 Date Collected: 09/13/2013 10:45

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 23:52

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	70	16
11104-28-2	Aroclor 1221	16	U	70	16
11141-16-5	Aroclor 1232	16	U	70	16
12672-29-6	Aroclor 1248	16	U	70	16
11097-69-1	Aroclor 1254	20	U	70	20
11096-82-5	Aroclor 1260	20	U	70	20
37324-23-5	Aroclor 1262	20	U	70	20
11100-14-4	Aroclor 1268	20	U	70	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208181.D
Lims ID: 460-62993-E-22-A Client ID: PMP-10SE-VD
Inject. Date: 17-Sep-2013 23:52:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-0004712-055
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 55
Lims Batch ID: 181811 Lims Sample ID: 55
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m
Last Update: 18-Sep-2013 11:45:40 Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji Date: 18-Sep-2013 11:05:25

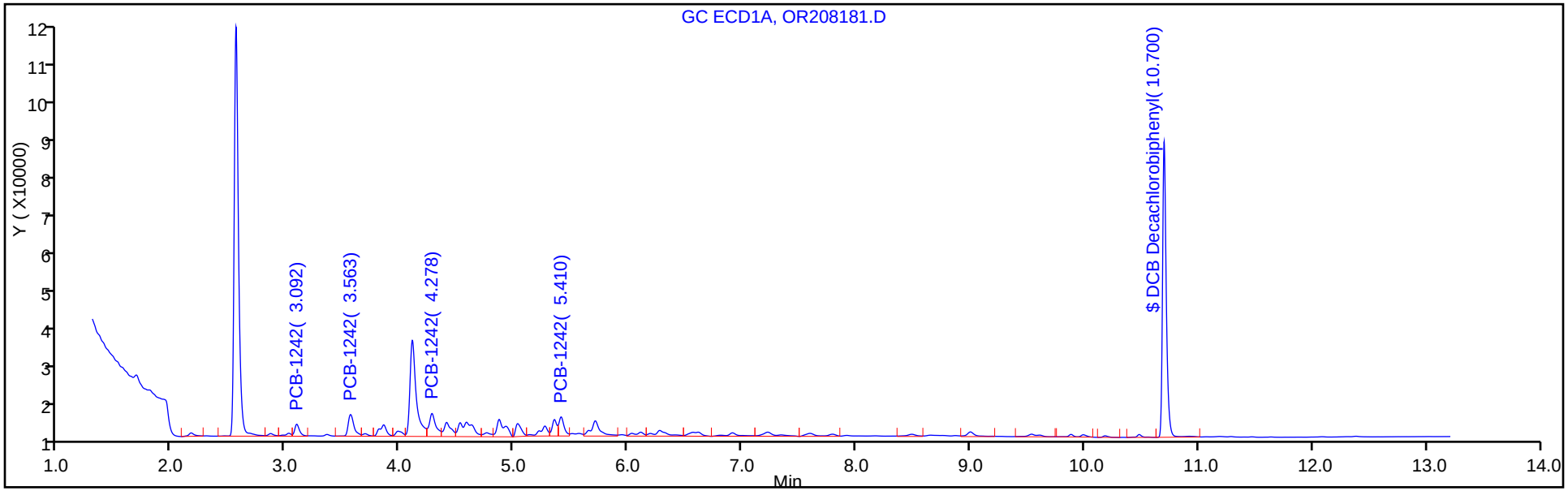
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	3.092	3.088	0.004	9514	64.8	
1	3.563	3.562	0.001	20399	70.7	M
1	0.0	4.105	-4.105	0	0	
1	4.278	4.277	0.001	24958	110.8	M
1	5.410	5.412	-0.002	15650	72.0	M
		Average of Peak Amounts =			79.6	
2	2.343	2.343	0.0	12516	57.8	M
2	2.668	2.670	-0.002	22239	68.0	
2	0.0	3.123	-3.123	0	0	
2	3.263	3.265	-0.002	23992	89.7	M
2	3.702	3.703	-0.001	27077	90.1	
		Average of Peak Amounts =			76.4	
					RPD = 4.06	
$ 5 DCB Decachlorobiphenyl						
1	10.700	10.710	-0.010	178168	45.7	
2	9.368	9.377	-0.009	303982	43.1	
					RPD = 5.83	

Report Date: 18-Sep-2013 11:46:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

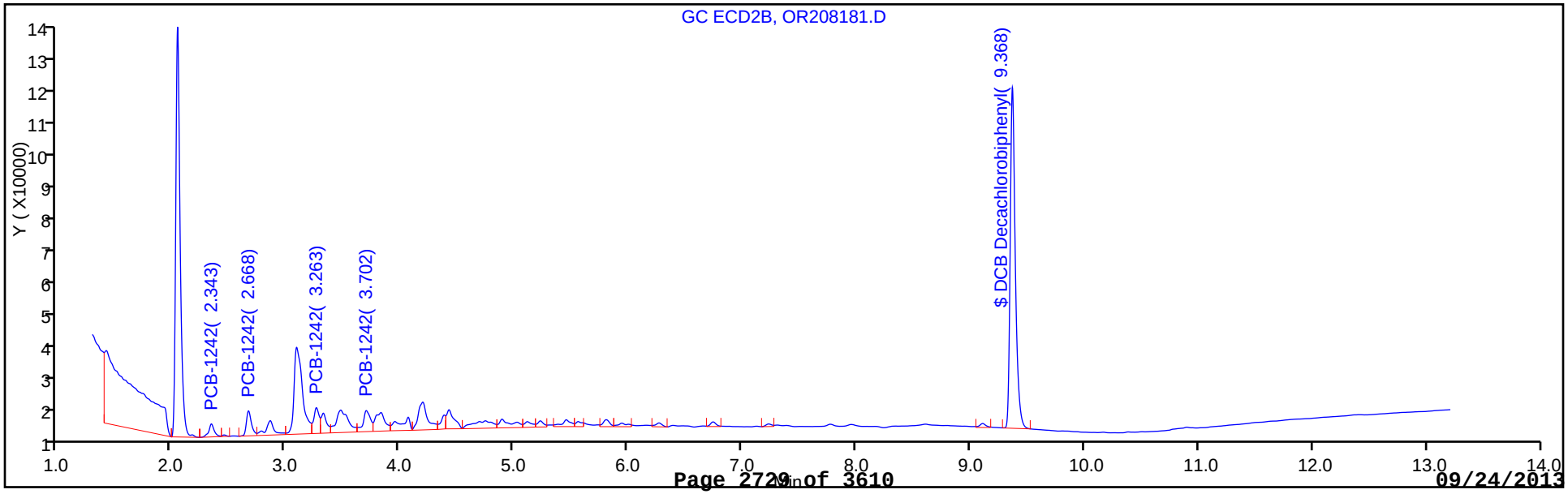
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208181.D		
Injection Date:	17-Sep-2013 23:52:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-10SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	55
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-WT Lab Sample ID: 460-62993-23

Matrix: Solid Lab File ID: OR208182.D

Analysis Method: 8082 Date Collected: 09/13/2013 10:50

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.02(g) Date Analyzed: 09/18/2013 00:08

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208182.D
Lims ID: 460-62993-E-23-A
Client ID: PMP-10SE-WT
Inject. Date: 18-Sep-2013 00:08:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-0004712-056
Misc. Info.:
Operator:
Instrument ID: CPESTGC7
Injection Vol: 1.0 ul
ALS Bottle#: 56
Lims Batch ID: 181811
Lims Sample ID: 56
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m
Last Update: 18-Sep-2013 11:45:40
Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji
Date: 18-Sep-2013 11:06:07

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.090	3.088	0.002	13132	89.4	
1	3.563	3.562	0.001	29094	100.9	M
1	0.0	4.105	-4.105	0	0	
1	4.277	4.277	0.0	28124	124.8	M
1	5.410	5.412	-0.002	21293	98.0	M
		Average of Peak Amounts =			103.3	
2	2.343	2.343	0.0	19152	88.5	M
2	2.668	2.670	-0.002	32554	99.6	
2	0.0	3.123	-3.123	0	0	
2	3.263	3.265	-0.002	32278	120.7	M
2	3.702	3.703	-0.001	33663	112.0	M
		Average of Peak Amounts =			105.2	
					RPD = 1.83	
$ 5 DCB Decachlorobiphenyl						
1	10.695	10.710	-0.015	180605	46.3	
2	9.368	9.377	-0.009	315770	44.8	
					RPD = 3.39	

QC Flag Legend

Review Flags
M - Manually Integrated

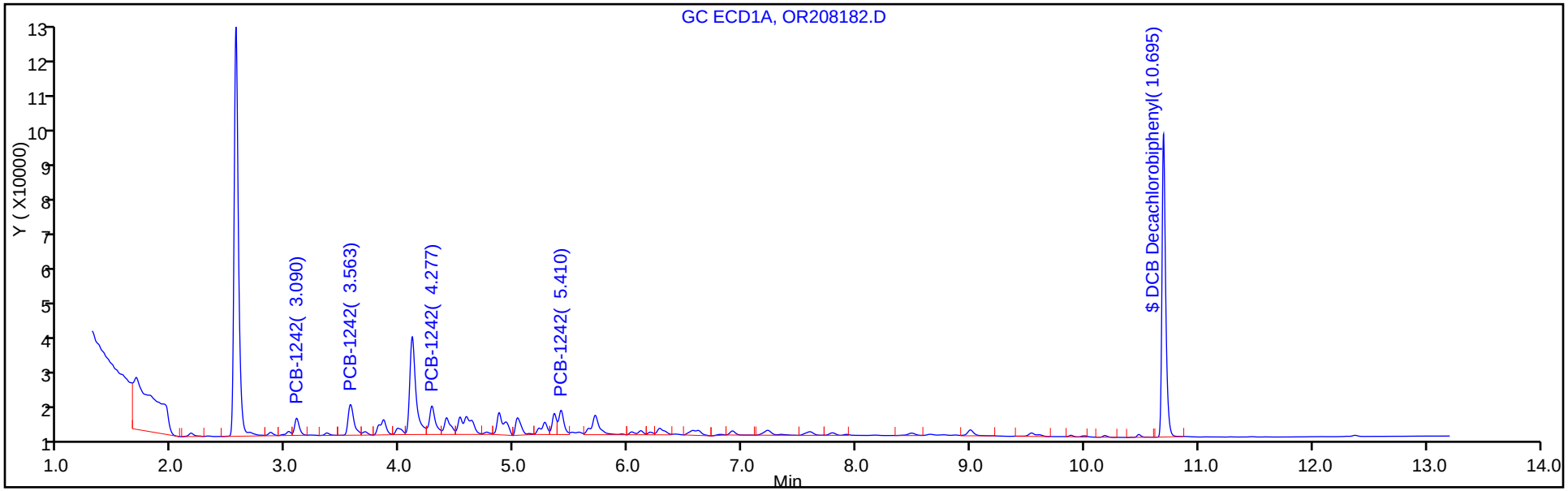
Report Date: 18-Sep-2013 11:46:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

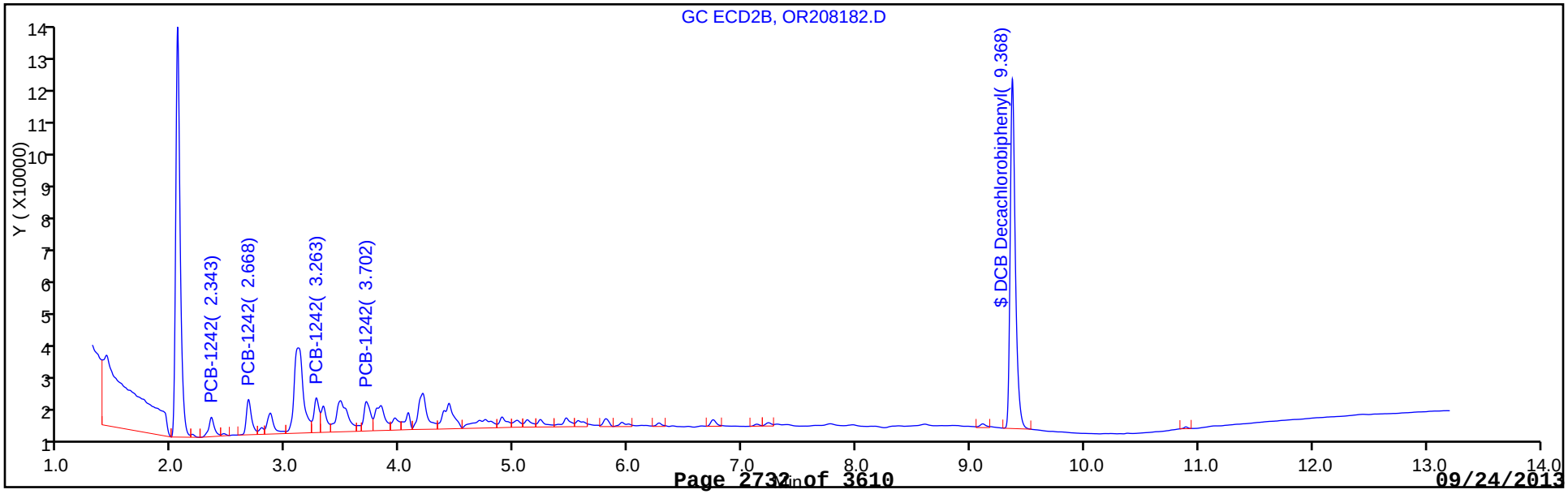
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208182.D

Injection Date:	18-Sep-2013 00:08:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-10SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	56
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



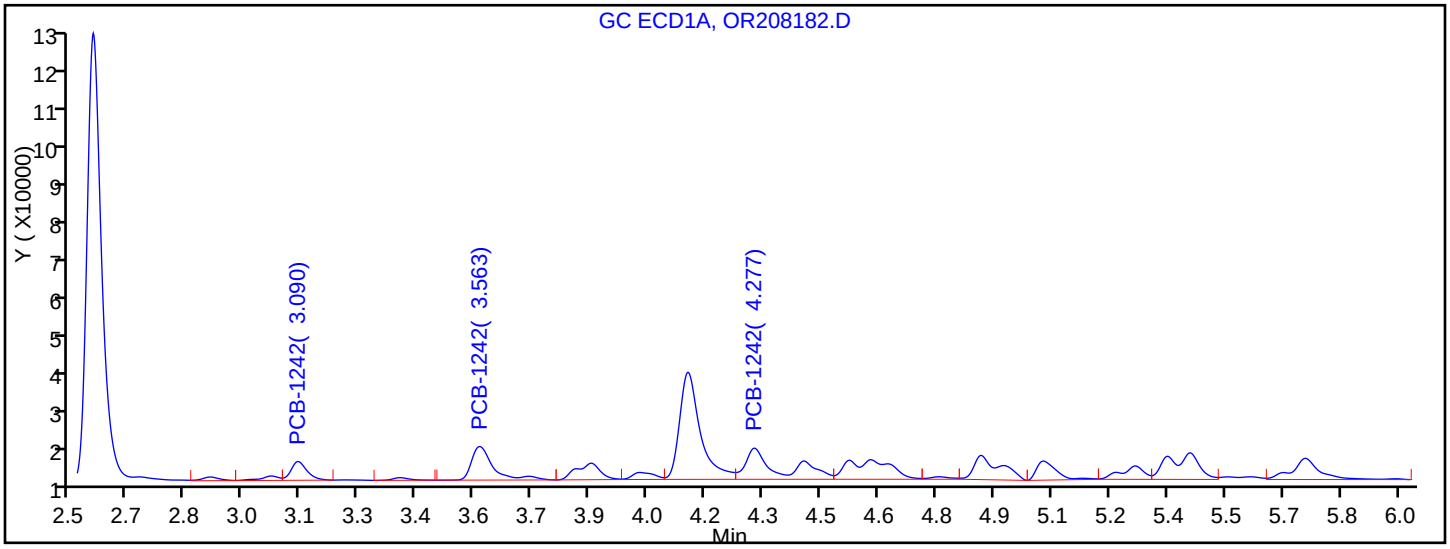
Report Date: 18-Sep-2013 11:46:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208182.D

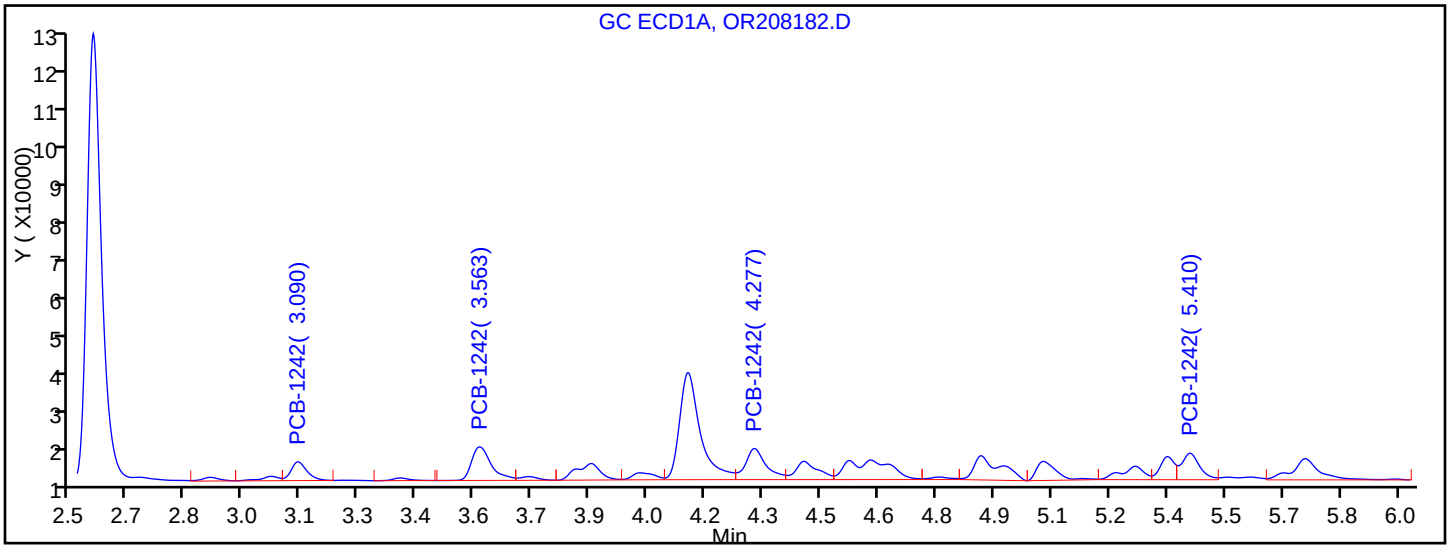
Injection Date:	18-Sep-2013 00:08:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-10SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	56
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.090	Response = 13132	
RT = 3.563	Response = 32015	M
RT = 4.105	Response = 97808	
RT = 4.277	Response = 45931	M
RT = 5.352	Response = 35468	M



Manual Integration Results

RT = 3.090	Response = 13132	
RT = 3.563	Response = 29094	M
RT = 0.000	Response = 0	
RT = 4.277	Response = 28124	M
RT = 5.410	Response = 21293	M

Reviewer: patelji, 18-Sep-2013 11:06:07

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-WT Lab Sample ID: 460-62993-23

Matrix: Solid Lab File ID: OR208182.D

Analysis Method: 8082 Date Collected: 09/13/2013 10:50

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.02(g) Date Analyzed: 09/18/2013 00:08

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	76	17
11104-28-2	Aroclor 1221	17	U	76	17
11141-16-5	Aroclor 1232	17	U	76	17
53469-21-9	Aroclor 1242	79		76	17
12672-29-6	Aroclor 1248	17	U	76	17
11097-69-1	Aroclor 1254	22	U	76	22
11096-82-5	Aroclor 1260	22	U	76	22
37324-23-5	Aroclor 1262	22	U	76	22
11100-14-4	Aroclor 1268	22	U	76	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	90		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208182.D
Lims ID: 460-62993-E-23-A
Client ID: PMP-10SE-WT
Inject. Date: 18-Sep-2013 00:08:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-0004712-056
Misc. Info.:
Operator:
Instrument ID: CPESTGC7
Injection Vol: 1.0 ul
ALS Bottle#: 56
Lims Batch ID: 181811
Lims Sample ID: 56
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m
Last Update: 18-Sep-2013 11:45:40
Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji
Date: 18-Sep-2013 11:06:07

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.090	3.088	0.002	13132	89.4	
1	3.563	3.562	0.001	29094	100.9	M
1	0.0	4.105	-4.105	0	0	
1	4.277	4.277	0.0	28124	124.8	M
1	5.410	5.412	-0.002	21293	98.0	M
		Average of Peak Amounts =			103.3	
2	2.343	2.343	0.0	19152	88.5	M
2	2.668	2.670	-0.002	32554	99.6	
2	0.0	3.123	-3.123	0	0	
2	3.263	3.265	-0.002	32278	120.7	M
2	3.702	3.703	-0.001	33663	112.0	M
		Average of Peak Amounts =			105.2	
					RPD = 1.83	
$ 5 DCB Decachlorobiphenyl						
1	10.695	10.710	-0.015	180605	46.3	
2	9.368	9.377	-0.009	315770	44.8	
					RPD = 3.39	

QC Flag Legend

Review Flags
M - Manually Integrated

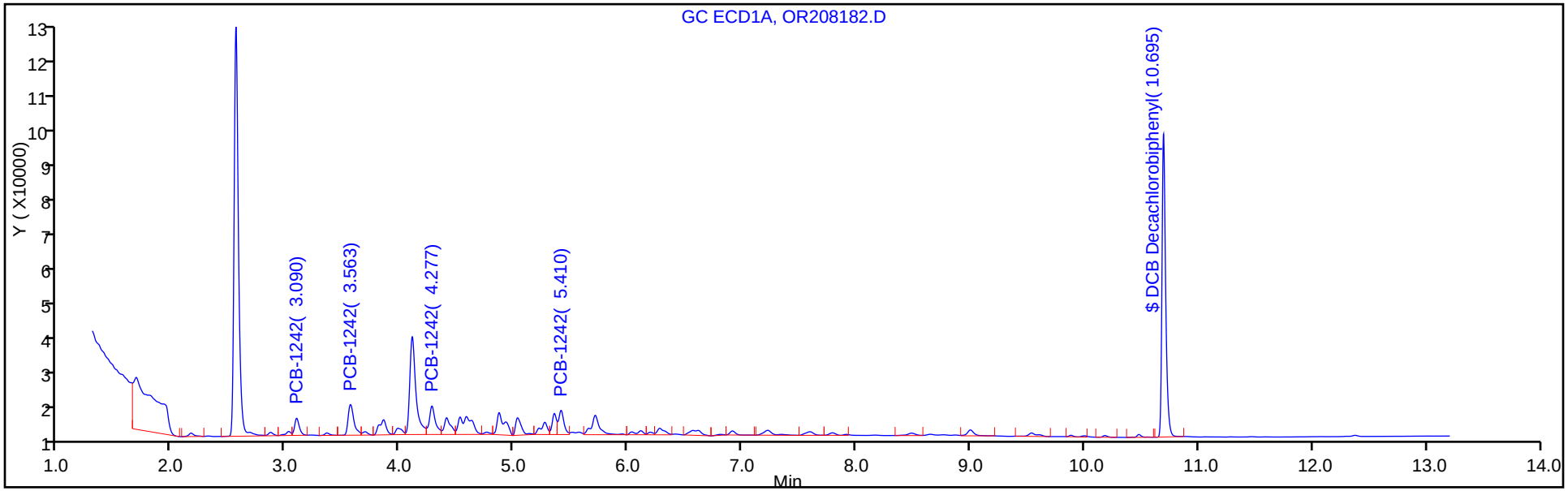
Report Date: 18-Sep-2013 11:46:24 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

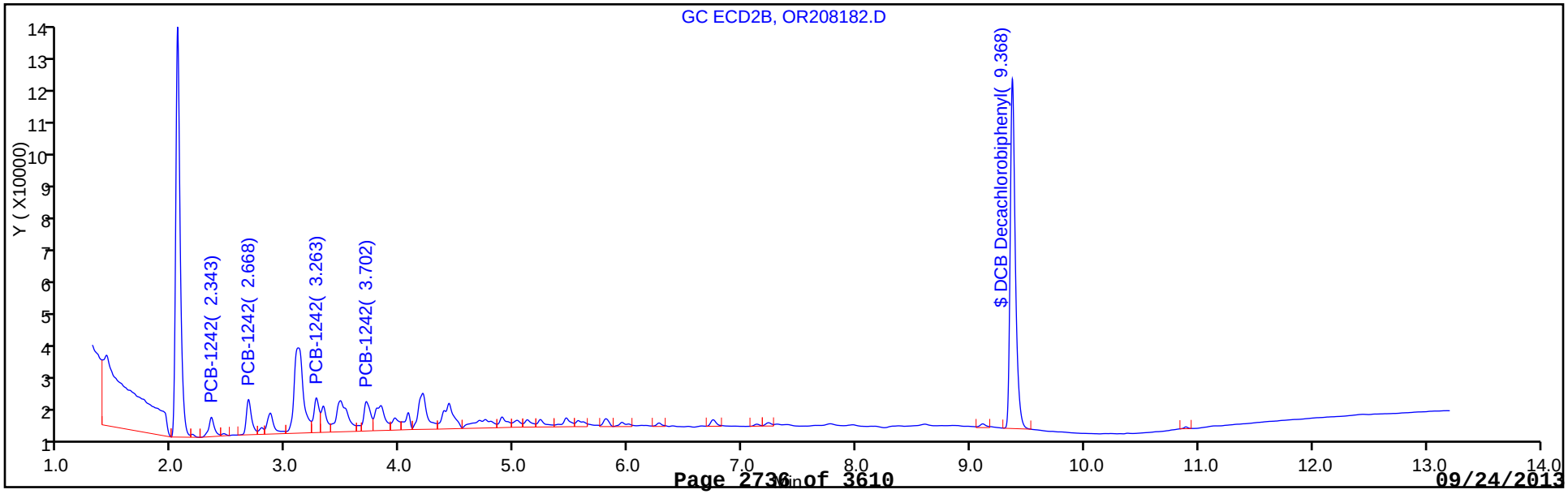
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208182.D

Injection Date:	18-Sep-2013 00:08:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-10SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	56
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



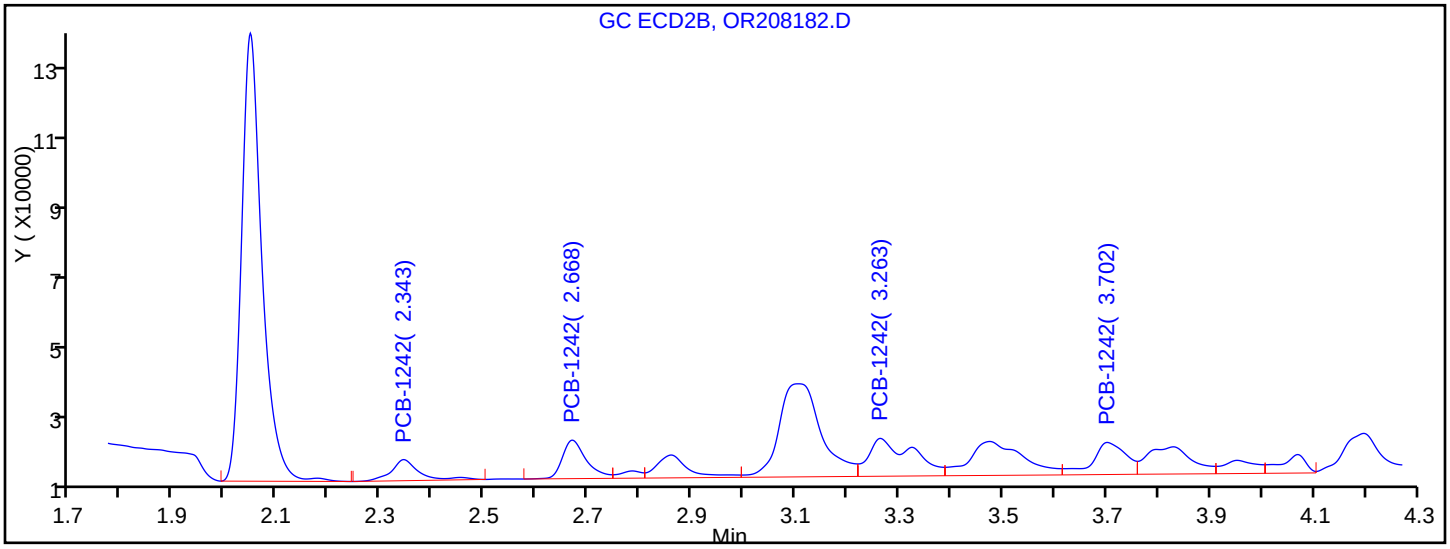
Report Date: 18-Sep-2013 11:46:25 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208182.D

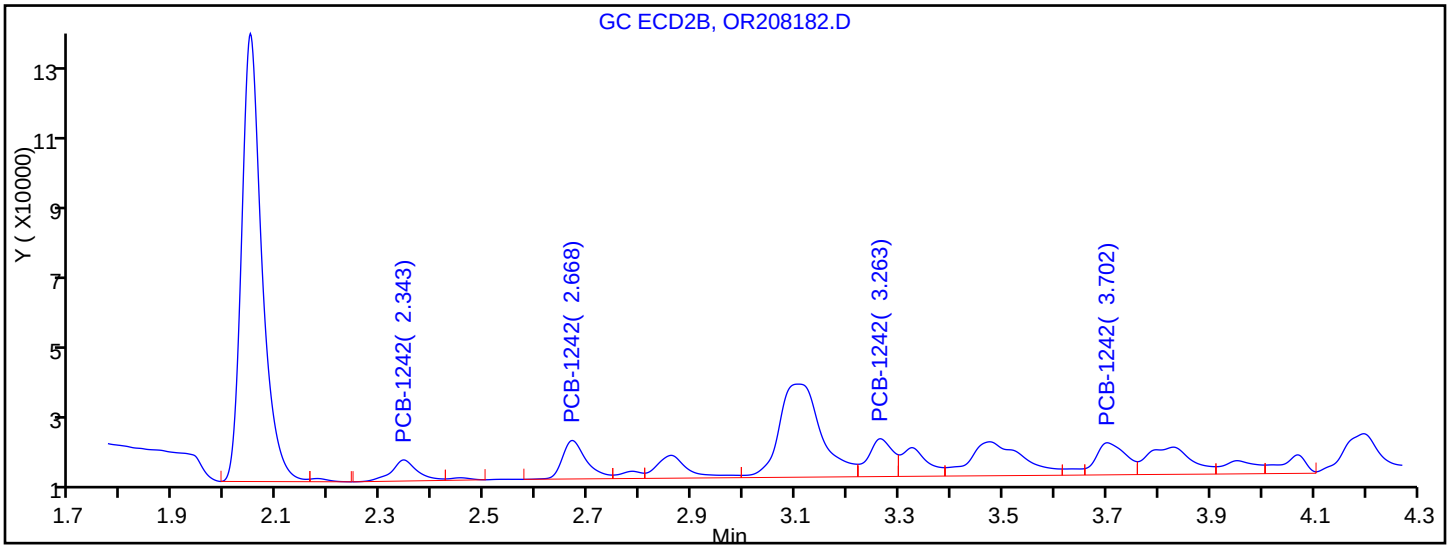
Injection Date:	18-Sep-2013 00:08:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-10SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	56
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.343	Response = 20822	M
RT = 2.668	Response = 32554	
RT = 3.107	Response = 138376	
RT = 3.263	Response = 58391	M
RT = 3.702	Response = 37894	M



Manual Integration Results

RT = 2.343	Response = 19152	M
RT = 2.668	Response = 32554	
RT = 0.000	Response = 0	
RT = 3.263	Response = 32278	M
RT = 3.702	Response = 33663	M

Reviewer: patelji, 18-Sep-2013 11:06:07

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-SI | Lab Sample ID: 460-62993-24

Matrix: Solid | Lab File ID: OR208183.D

Analysis Method: 8082 | Date Collected: 09/13/2013 10:55

Extraction Method: 3546 | Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.03(g) | Date Analyzed: 09/18/2013 00:24

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	56	J	78	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208183.D		
Lims ID:	460-62993-E-24-A	Client ID:	PMP-10SE-SI
Inject. Date:	18-Sep-2013 00:24:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-057		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	57
Lims Batch ID:	181811	Lims Sample ID:	57
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:07:00

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.087	3.088	-0.001	9986	68.0	M
1	3.560	3.562	-0.002	20401	70.7	M
1	0.0	4.105	-4.105	0	0	
1	4.273	4.277	-0.004	21510	95.5	M
1	5.407	5.412	-0.005	11612	53.5	M
		Average of Peak Amounts =			71.9	
2	2.345	2.343	0.002	12348	57.1	M
2	2.670	2.670	0.0	21787	66.7	
2	0.0	3.123	-3.123	0	0	
2	3.265	3.265	0.0	21474	80.3	M
2	3.702	3.703	-0.001	17844	59.3	
		Average of Peak Amounts =			65.8	
					RPD = 8.81	
$ 5 DCB Decachlorobiphenyl						
1	10.705	10.710	-0.005	187050	48.0	
2	9.368	9.377	-0.009	324421	46.0	
					RPD = 4.19	

QC Flag Legend

Review Flags
M - Manually Integrated

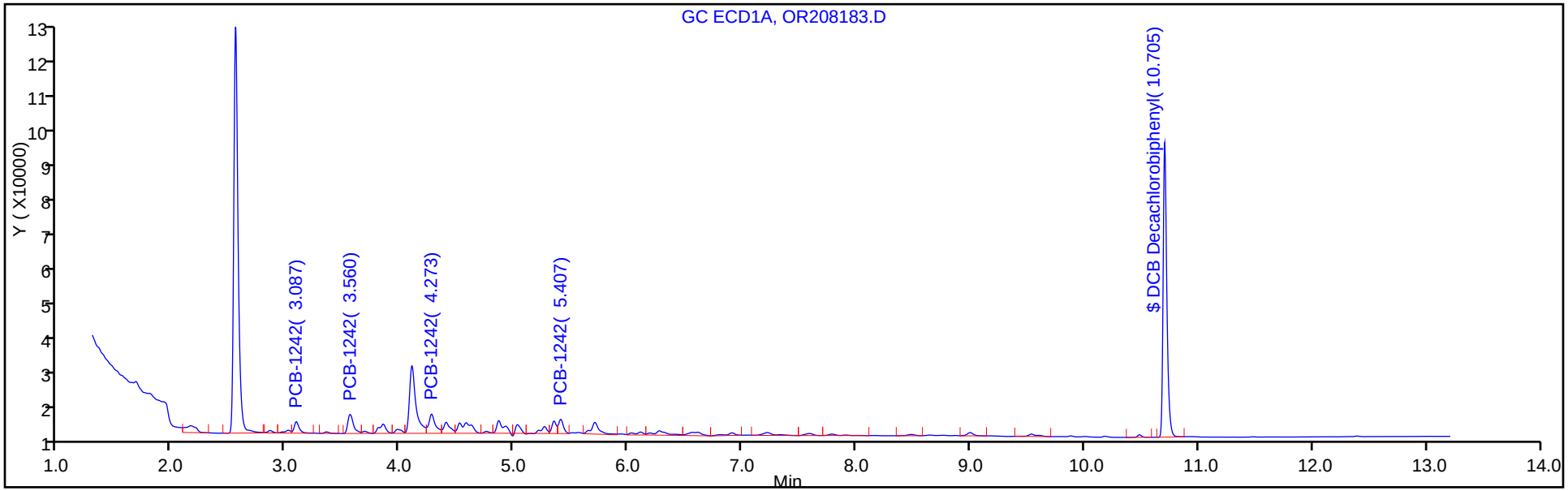
Report Date: 18-Sep-2013 11:46:26 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

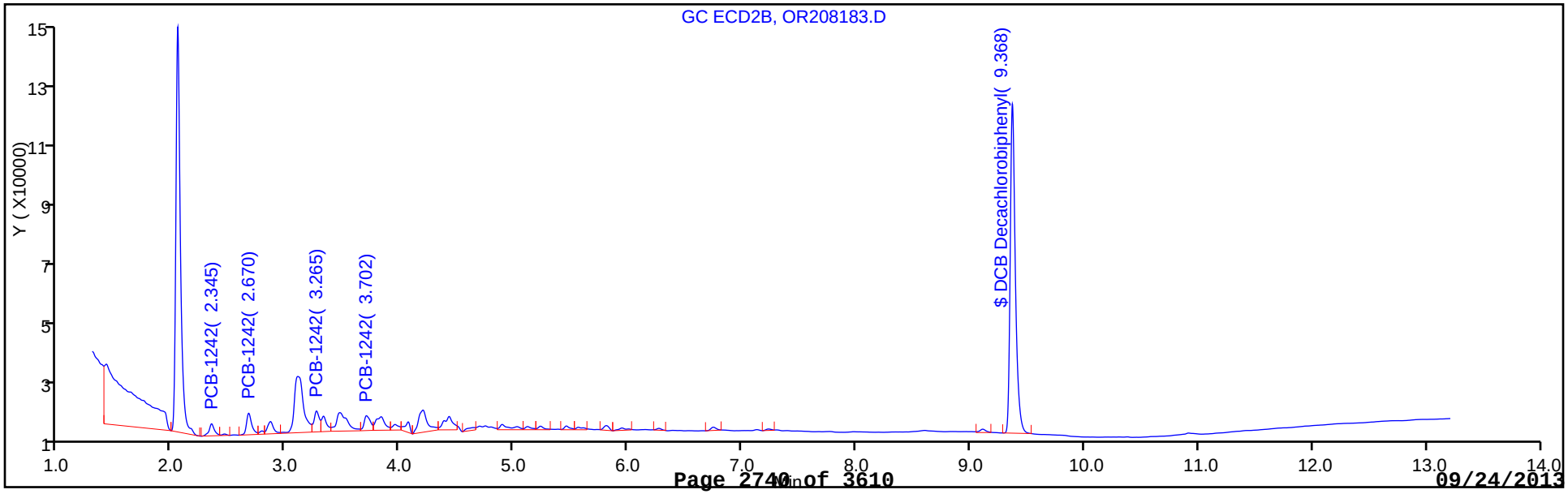
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208183.D

Injection Date:	18-Sep-2013 00:24:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-10SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	57
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



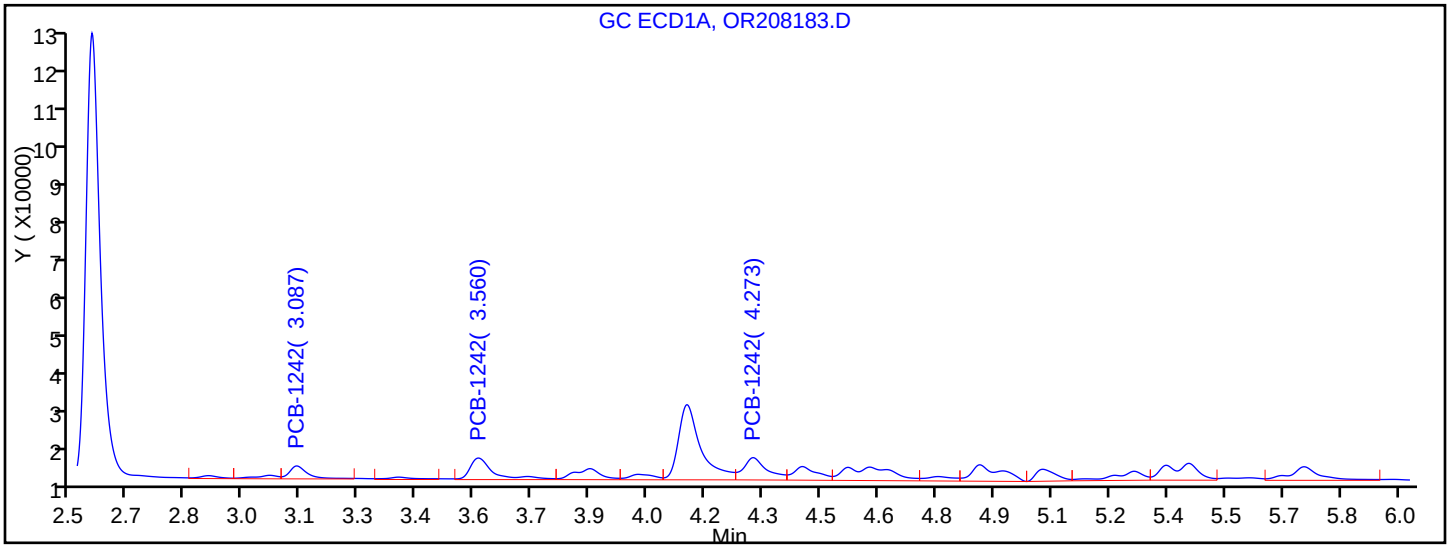
Report Date: 18-Sep-2013 11:46:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208183.D

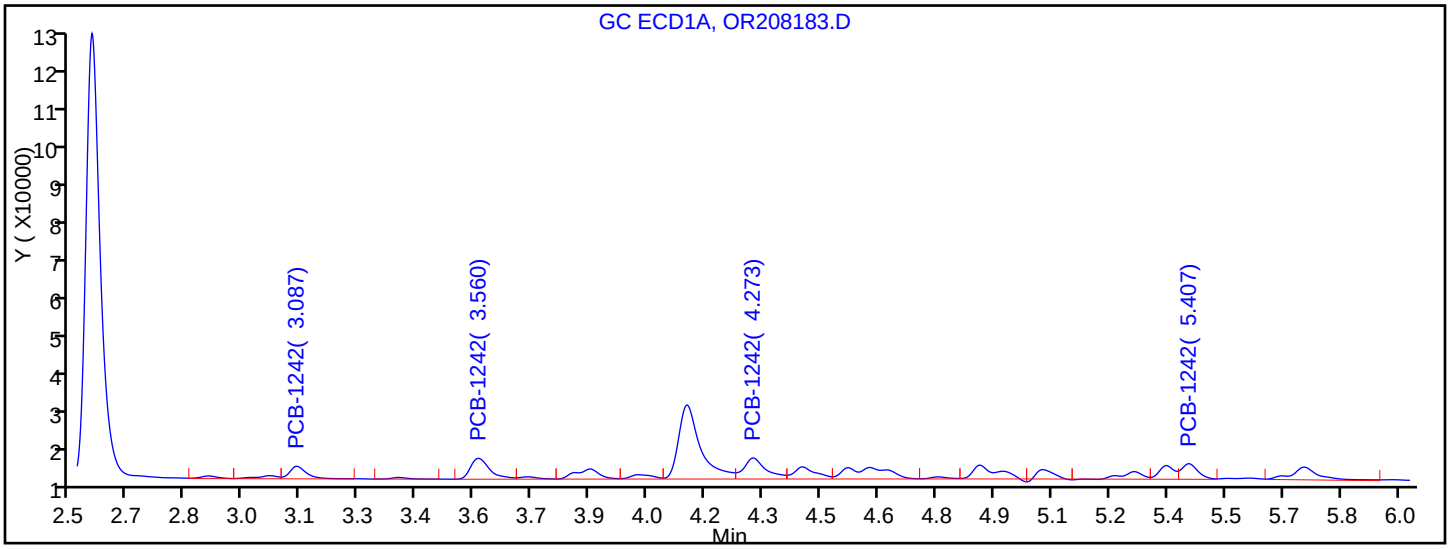
Injection Date:	18-Sep-2013 00:24:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-10SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	57
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.087	Response = 10978	M
RT = 3.560	Response = 23556	M
RT = 4.102	Response = 78023	
RT = 4.273	Response = 24118	M
RT = 5.348	Response = 24544	M



Manual Integration Results

RT = 3.087	Response = 9986	M
RT = 3.560	Response = 20401	M
RT = 0.000	Response = 0	
RT = 4.273	Response = 21510	M
RT = 5.407	Response = 11612	M

Reviewer: patelji, 18-Sep-2013 11:07:00

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-SI Lab Sample ID: 460-62993-24

Matrix: Solid Lab File ID: OR208183.D

Analysis Method: 8082 Date Collected: 09/13/2013 10:55

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.03(g) Date Analyzed: 09/18/2013 00:24

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	18	U	78	18
11104-28-2	Aroclor 1221	18	U	78	18
11141-16-5	Aroclor 1232	18	U	78	18
12672-29-6	Aroclor 1248	18	U	78	18
11097-69-1	Aroclor 1254	22	U	78	22
11096-82-5	Aroclor 1260	22	U	78	22
37324-23-5	Aroclor 1262	22	U	78	22
11100-14-4	Aroclor 1268	22	U	78	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208183.D		
Lims ID:	460-62993-E-24-A	Client ID:	PMP-10SE-SI
Inject. Date:	18-Sep-2013 00:24:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-057		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	57
Lims Batch ID:	181811	Lims Sample ID:	57
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:07:00

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.087	3.088	-0.001	9986	68.0	M
1	3.560	3.562	-0.002	20401	70.7	M
1	0.0	4.105	-4.105	0	0	
1	4.273	4.277	-0.004	21510	95.5	M
1	5.407	5.412	-0.005	11612	53.5	M
		Average of Peak Amounts =			71.9	
2	2.345	2.343	0.002	12348	57.1	M
2	2.670	2.670	0.0	21787	66.7	
2	0.0	3.123	-3.123	0	0	
2	3.265	3.265	0.0	21474	80.3	M
2	3.702	3.703	-0.001	17844	59.3	
		Average of Peak Amounts =			65.8	
					RPD = 8.81	
$ 5 DCB Decachlorobiphenyl						
1	10.705	10.710	-0.005	187050	48.0	
2	9.368	9.377	-0.009	324421	46.0	
					RPD = 4.19	

QC Flag Legend

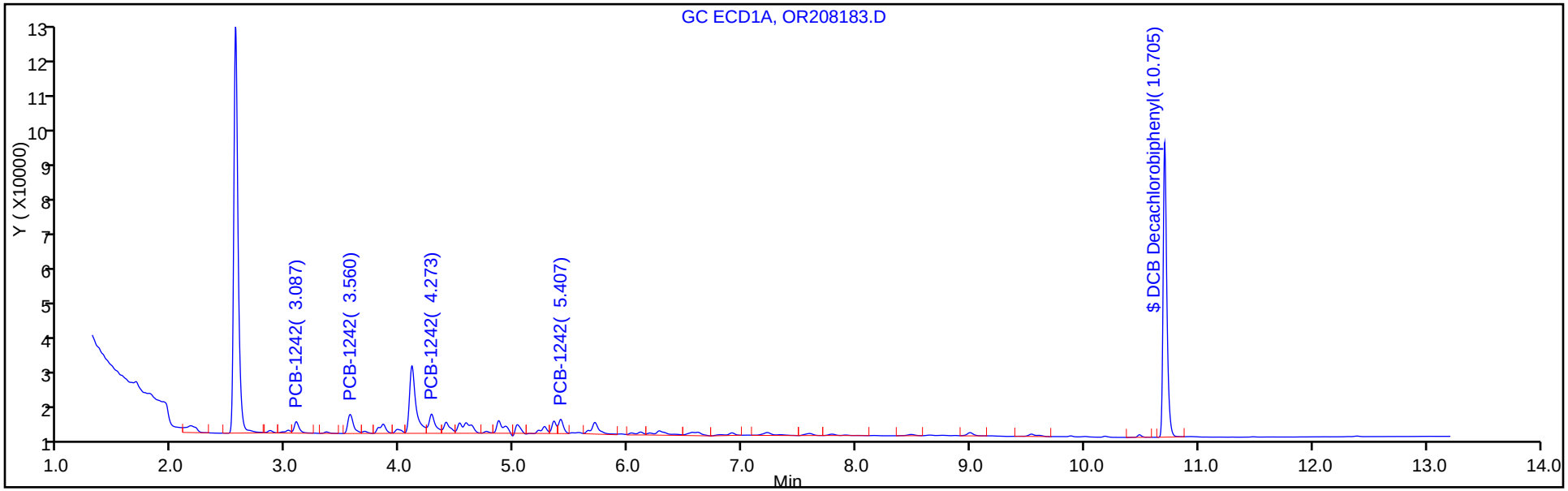
Review Flags
M - Manually Integrated

Report Date: 18-Sep-2013 11:46:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

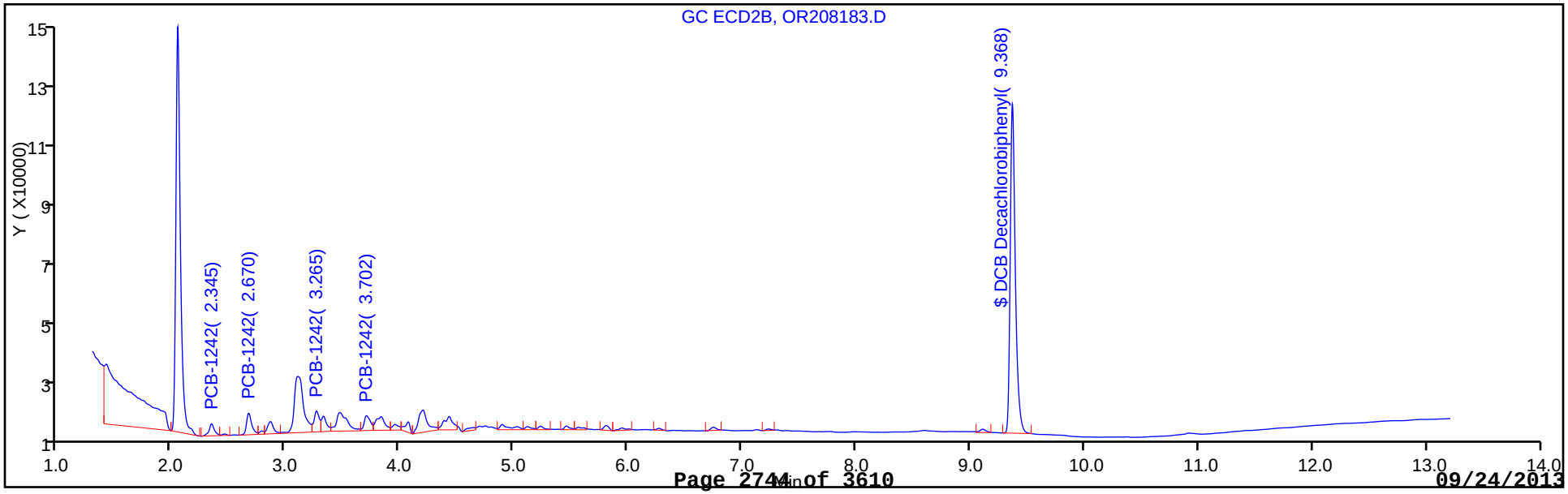
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208183.D		
Injection Date:	18-Sep-2013 00:24:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-10SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	57
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



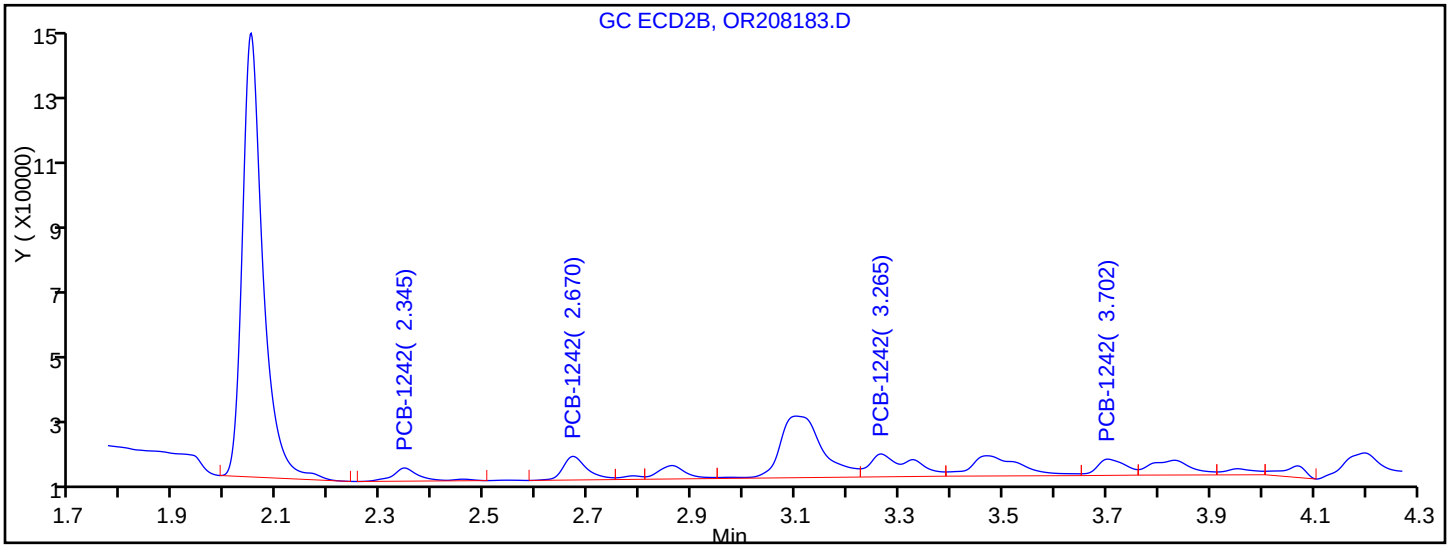
Report Date: 18-Sep-2013 11:46:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208183.D

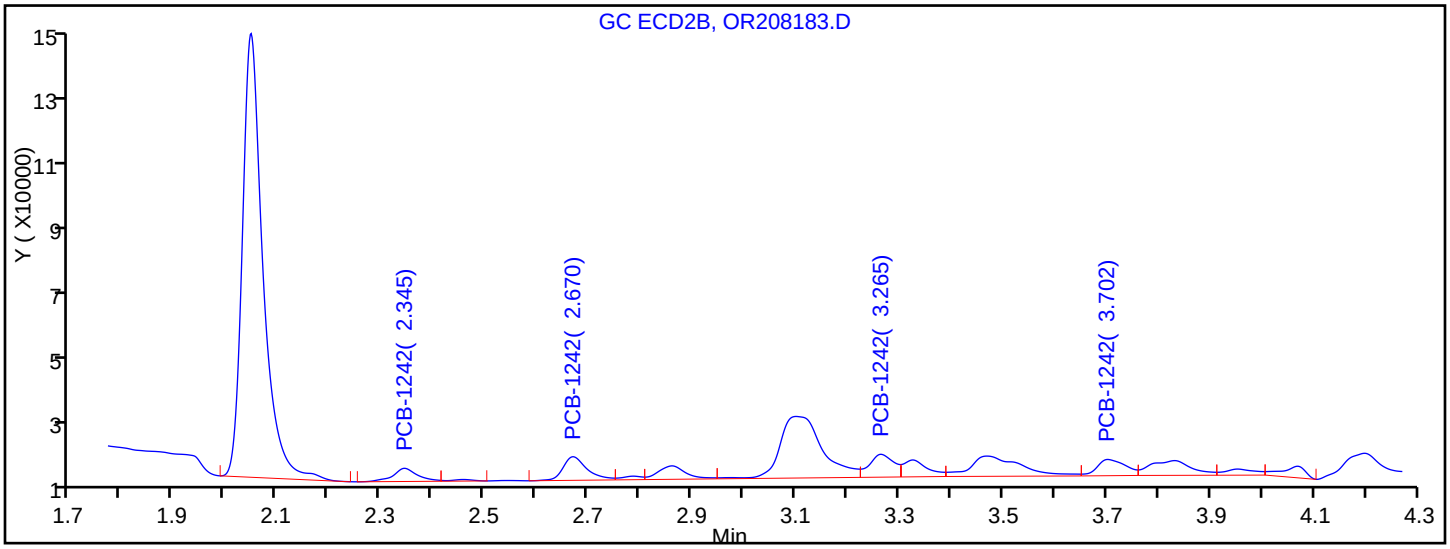
Injection Date:	18-Sep-2013 00:24:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-10SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	57
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.345	Response = 13613	M
RT = 2.670	Response = 21787	
RT = 3.100	Response = 100044	
RT = 3.265	Response = 36890	M
RT = 3.702	Response = 17844	



Manual Integration Results

RT = 2.345	Response = 12348	M
RT = 2.670	Response = 21787	
RT = 0.000	Response = 0	
RT = 3.265	Response = 21474	M
RT = 3.702	Response = 17844	

Reviewer: patelji, 18-Sep-2013 11:07:00

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-SD Lab Sample ID: 460-62993-25

Matrix: Solid Lab File ID: OR208184.D

Analysis Method: 8082 Date Collected: 09/13/2013 11:00

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 00:41

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 18.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208184.D		
Lims ID:	460-62993-E-25-A	Client ID:	PMP-10SE-SD
Inject. Date:	18-Sep-2013 00:41:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-058		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	58
Lims Batch ID:	181811	Lims Sample ID:	58
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:07:20

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.710	10.710	0.0	173763	44.6	
2	9.370	9.377	-0.007	300635	42.6	
					RPD = 4.44	

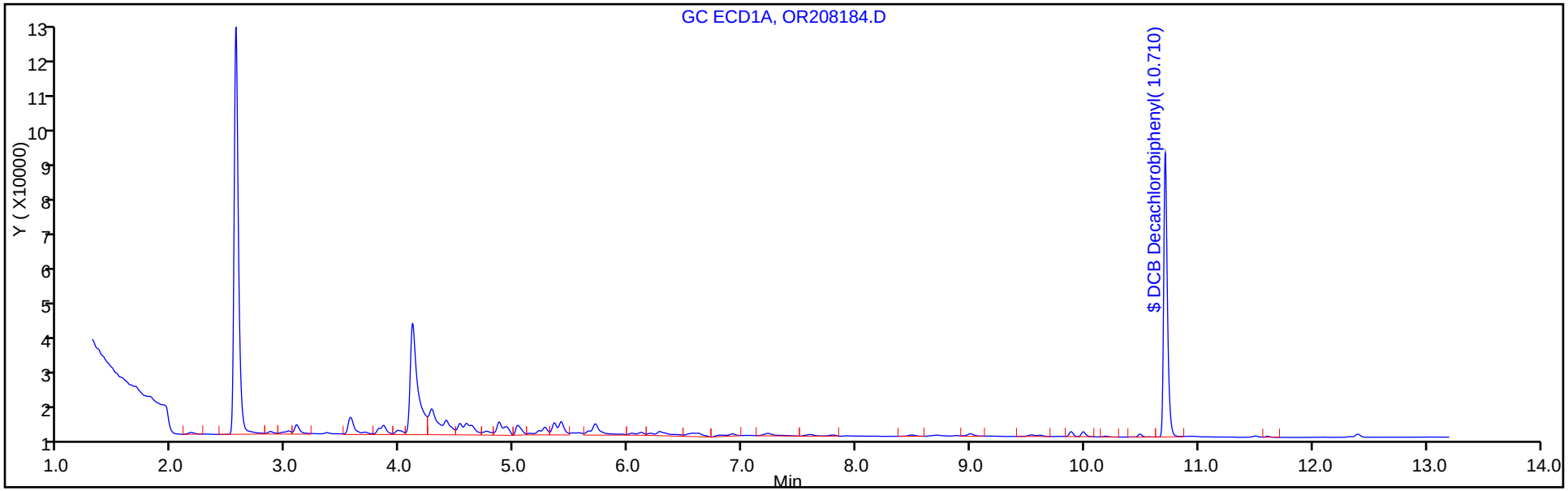
Report Date: 18-Sep-2013 11:46:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

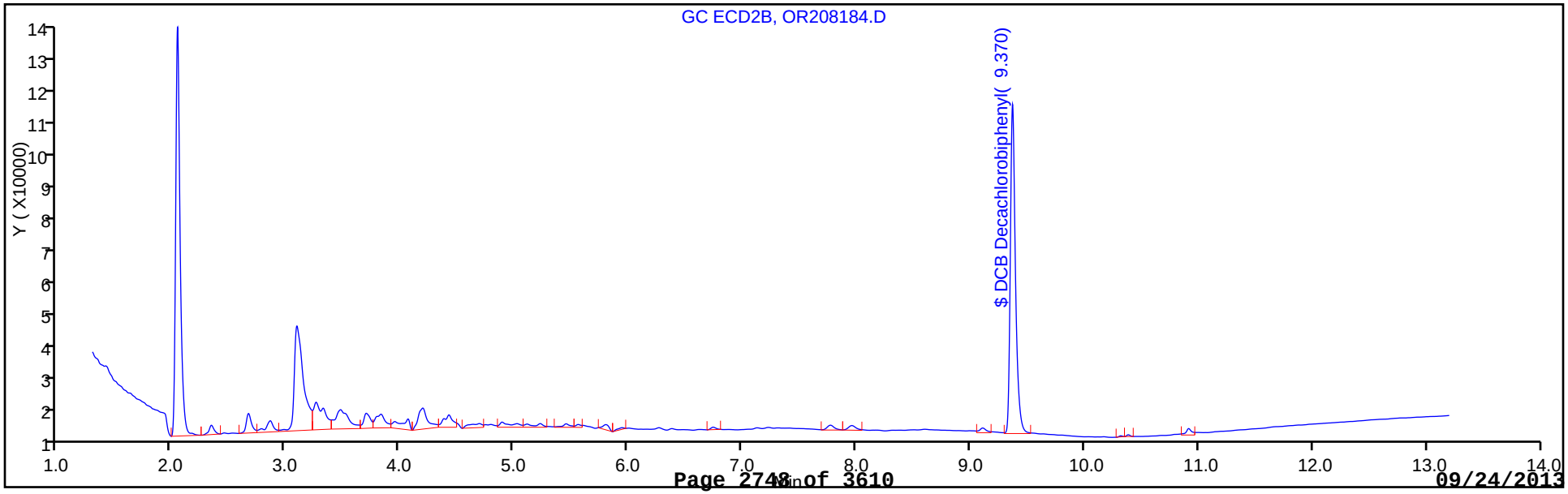
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208184.D

Injection Date:	18-Sep-2013 00:41:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-10SE-SD	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	58
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-SD | Lab Sample ID: 460-62993-25

Matrix: Solid | Lab File ID: OR208184.D

Analysis Method: 8082 | Date Collected: 09/13/2013 11:00

Extraction Method: 3546 | Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2013 00:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 18.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	18	U	82	18
11104-28-2	Aroclor 1221	18	U	82	18
11141-16-5	Aroclor 1232	18	U	82	18
53469-21-9	Aroclor 1242	18	U	82	18
12672-29-6	Aroclor 1248	18	U	82	18
11097-69-1	Aroclor 1254	23	U	82	23
11096-82-5	Aroclor 1260	23	U	82	23
37324-23-5	Aroclor 1262	23	U	82	23
11100-14-4	Aroclor 1268	23	U	82	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208184.D		
Lims ID:	460-62993-E-25-A	Client ID:	PMP-10SE-SD
Inject. Date:	18-Sep-2013 00:41:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-058		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	58
Lims Batch ID:	181811	Lims Sample ID:	58
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:07:20

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.710	10.710	0.0	173763	44.6	
2	9.370	9.377	-0.007	300635	42.6	
					RPD = 4.44	

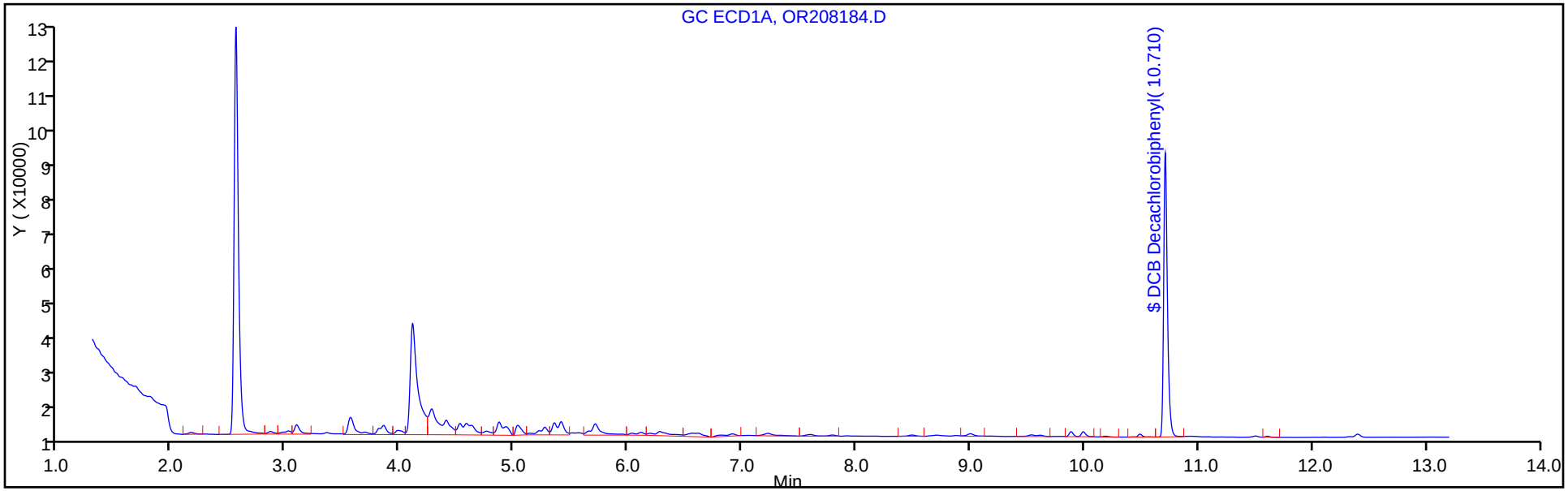
Report Date: 18-Sep-2013 11:46:29 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

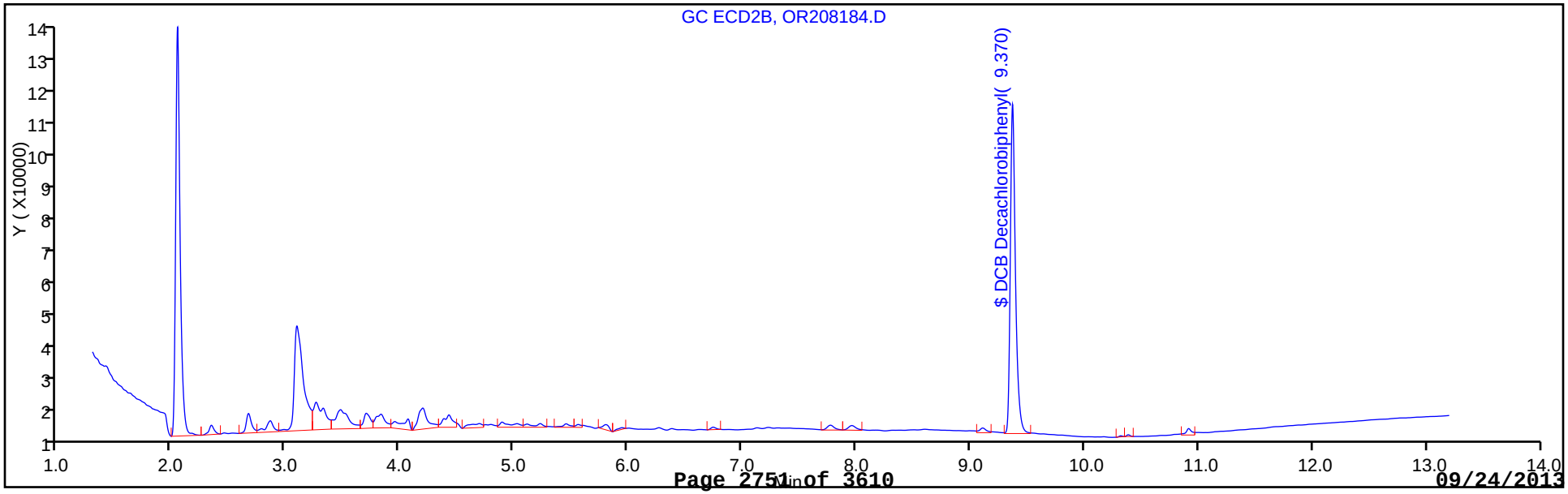
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208184.D

Injection Date:	18-Sep-2013 00:41:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-10SE-SD	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	58
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-VD Lab Sample ID: 460-62993-26

Matrix: Solid Lab File ID: OR208185.D

Analysis Method: 8082 Date Collected: 09/13/2013 11:10

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 00:58

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208185.D		
Lims ID:	460-62993-E-26-A	Client ID:	PMP-13SE-VD
Inject. Date:	18-Sep-2013 00:58:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-059		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	59
Lims Batch ID:	181811	Lims Sample ID:	59
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:07:34

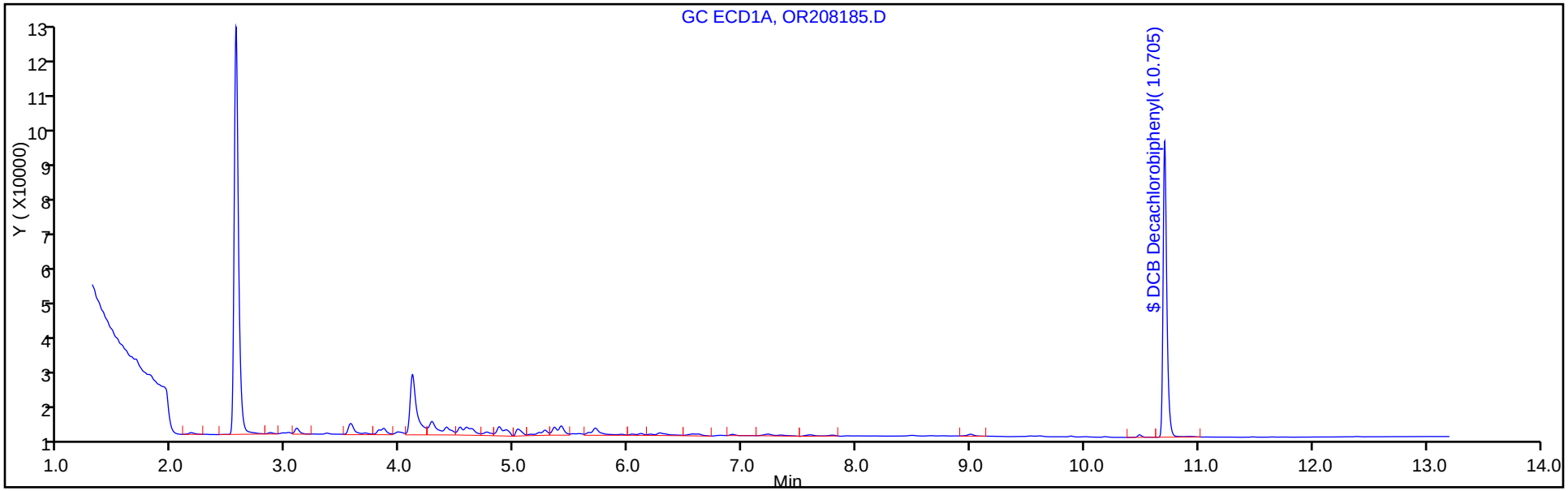
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.705	10.710	-0.005	189834	48.7	
2	9.370	9.377	-0.007	325667	46.2	
					RPD = 5.28	

Report Date: 18-Sep-2013 11:46:30 Chrom Revision: 2.1 25-Jul-2013 20:19:50

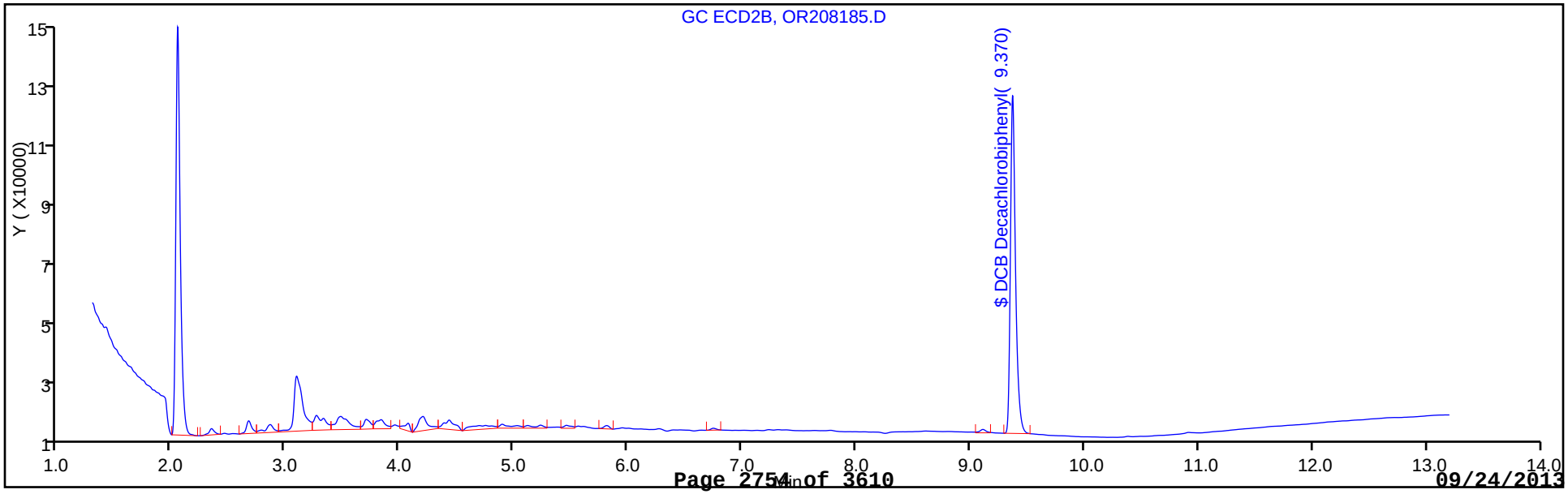
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208185.D		
Injection Date:	18-Sep-2013 00:58:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-13SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	59
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-VD | Lab Sample ID: 460-62993-26

Matrix: Solid | Lab File ID: OR208185.D

Analysis Method: 8082 | Date Collected: 09/13/2013 11:10

Extraction Method: 3546 | Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.01(g) | Date Analyzed: 09/18/2013 00:58

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	71	16
11104-28-2	Aroclor 1221	16	U	71	16
11141-16-5	Aroclor 1232	16	U	71	16
53469-21-9	Aroclor 1242	16	U	71	16
12672-29-6	Aroclor 1248	16	U	71	16
11097-69-1	Aroclor 1254	20	U	71	20
11096-82-5	Aroclor 1260	20	U	71	20
37324-23-5	Aroclor 1262	20	U	71	20
11100-14-4	Aroclor 1268	20	U	71	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208185.D		
Lims ID:	460-62993-E-26-A	Client ID:	PMP-13SE-VD
Inject. Date:	18-Sep-2013 00:58:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-059		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	59
Lims Batch ID:	181811	Lims Sample ID:	59
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:07:34

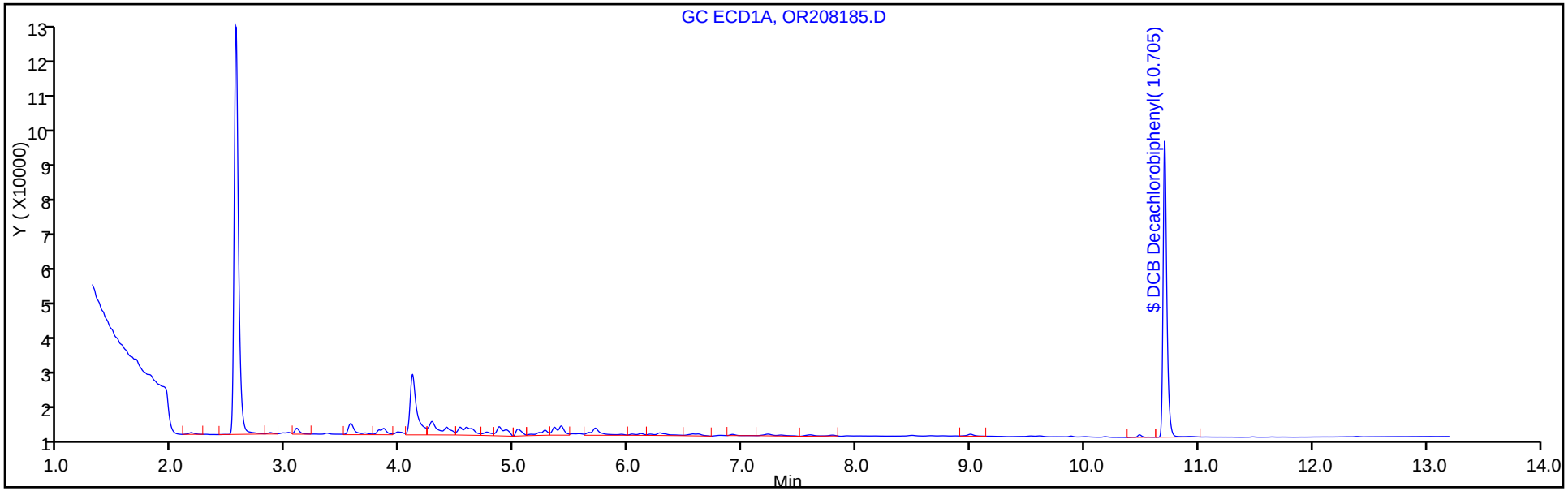
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.705	10.710	-0.005	189834	48.7	
2	9.370	9.377	-0.007	325667	46.2	
					RPD = 5.28	

Report Date: 18-Sep-2013 11:46:30 Chrom Revision: 2.1 25-Jul-2013 20:19:50

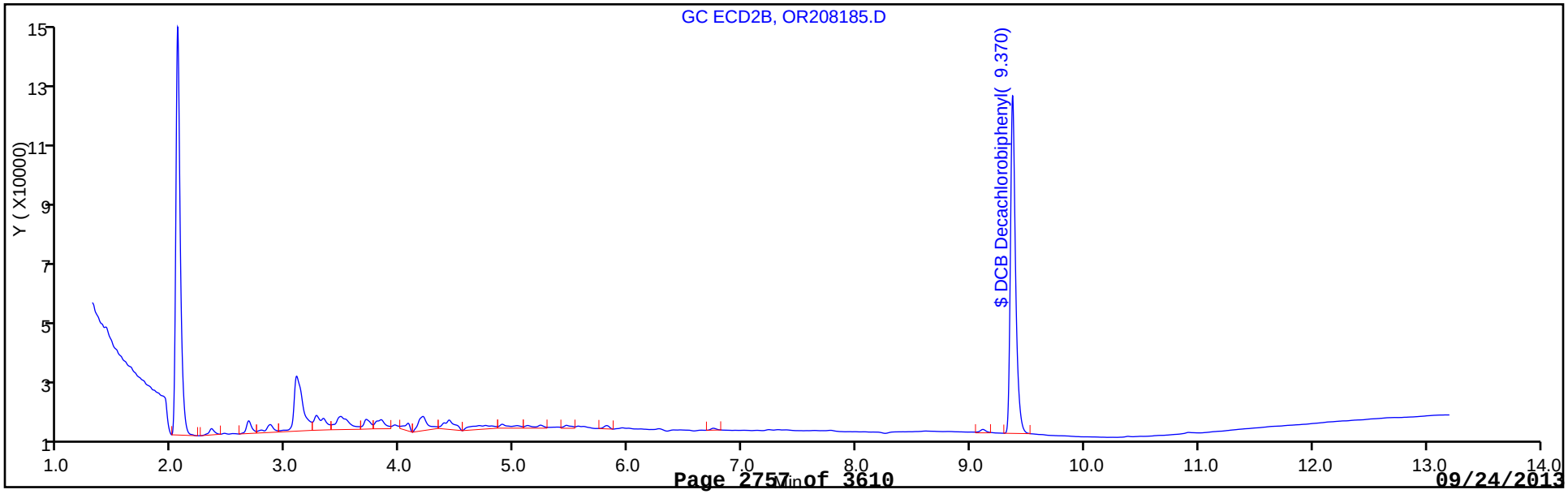
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208185.D		
Injection Date:	18-Sep-2013 00:58:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-13SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	59
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-WT | Lab Sample ID: 460-62993-27

Matrix: Solid | Lab File ID: OR208217.D

Analysis Method: 8082 | Date Collected: 09/13/2013 11:15

Extraction Method: 3546 | Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.02(g) | Date Analyzed: 09/18/2013 11:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 25

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	34000		1900	430

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X*	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208217.D		
Lims ID:	460-62993-E-27-A	Client ID:	PMP-13SE-WT
Inject. Date:	18-Sep-2013 11:45:30	Dil. Factor:	25.0000
Sample Type:	Client		
Sample ID:	460-0004765-014		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	181943	Lims Sample ID:	14
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\8082GC7.m		
Last Update:	18-Sep-2013 13:15:42	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 12:13:36

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.088	3.088	0.0	222289	1513.3	
1	3.560	3.562	-0.002	520525	1804.7	M
1	4.103	4.105	-0.002	966640	1826.3	
1	4.275	4.277	-0.002	414189	1838.0	
1	5.408	5.412	-0.004	407036	1873.9	M
		Average of Peak Amounts =			1771.2	
2	2.342	2.343	-0.001	279476	1291.4	
2	2.667	2.670	-0.003	526051	1609.4	
2	3.120	3.123	-0.003	1192409	1633.0	M
2	3.263	3.265	-0.002	448508	1676.8	
2	3.700	3.703	-0.003	500916	1666.0	
		Average of Peak Amounts =			1575.4	
					RPD = 11.71	

QC Flag Legend

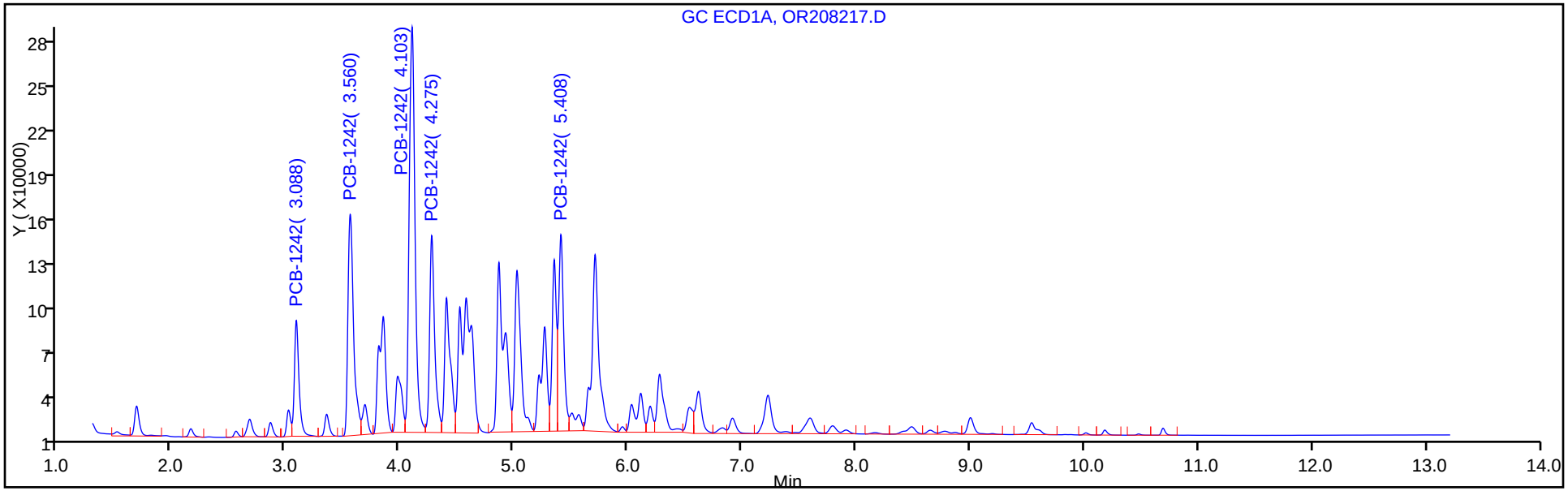
Review Flags
M - Manually Integrated

Report Date: 18-Sep-2013 15:15:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

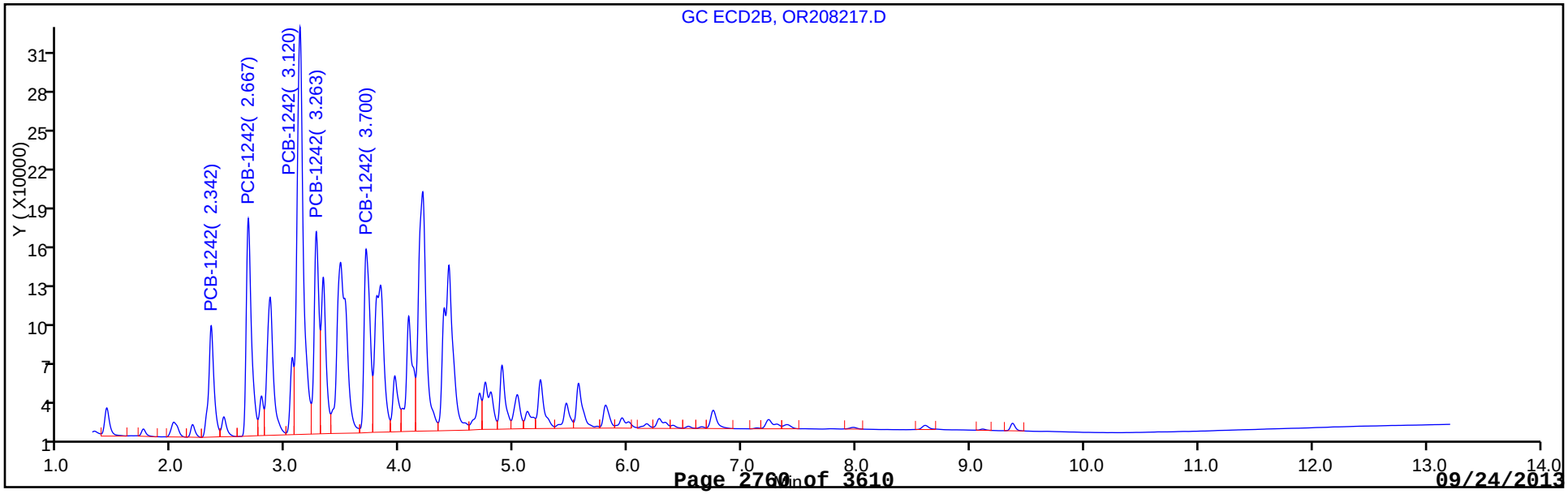
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208217.D		
Injection Date:	18-Sep-2013 11:45:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-13SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



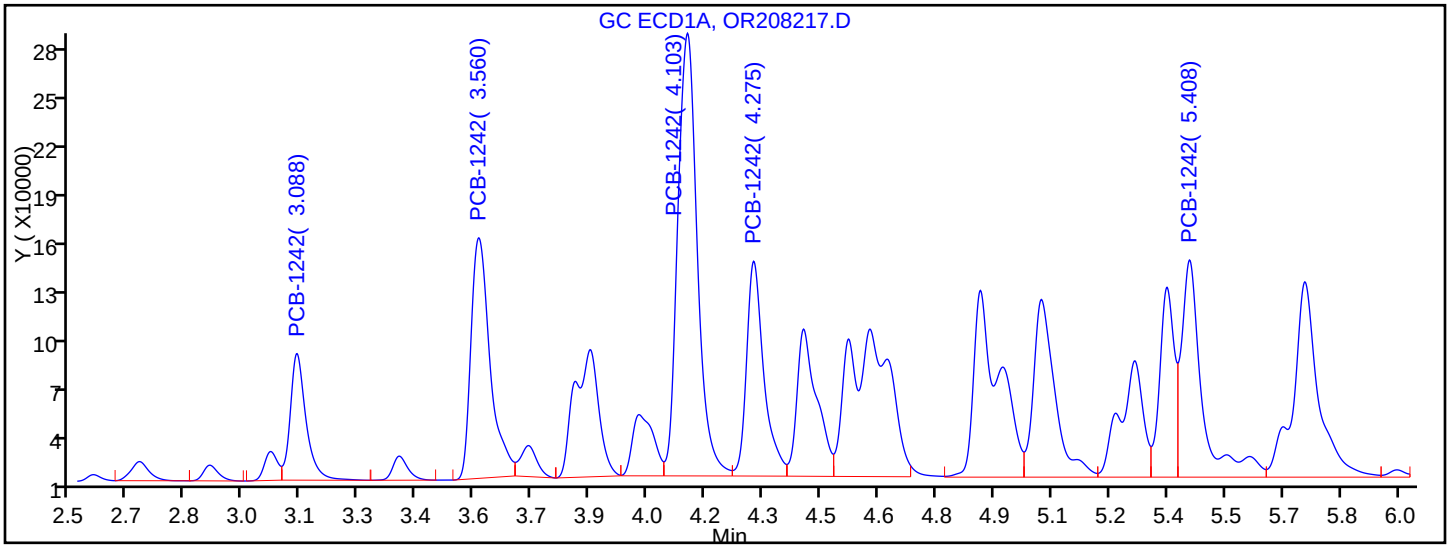
Report Date: 18-Sep-2013 15:15:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208217.D

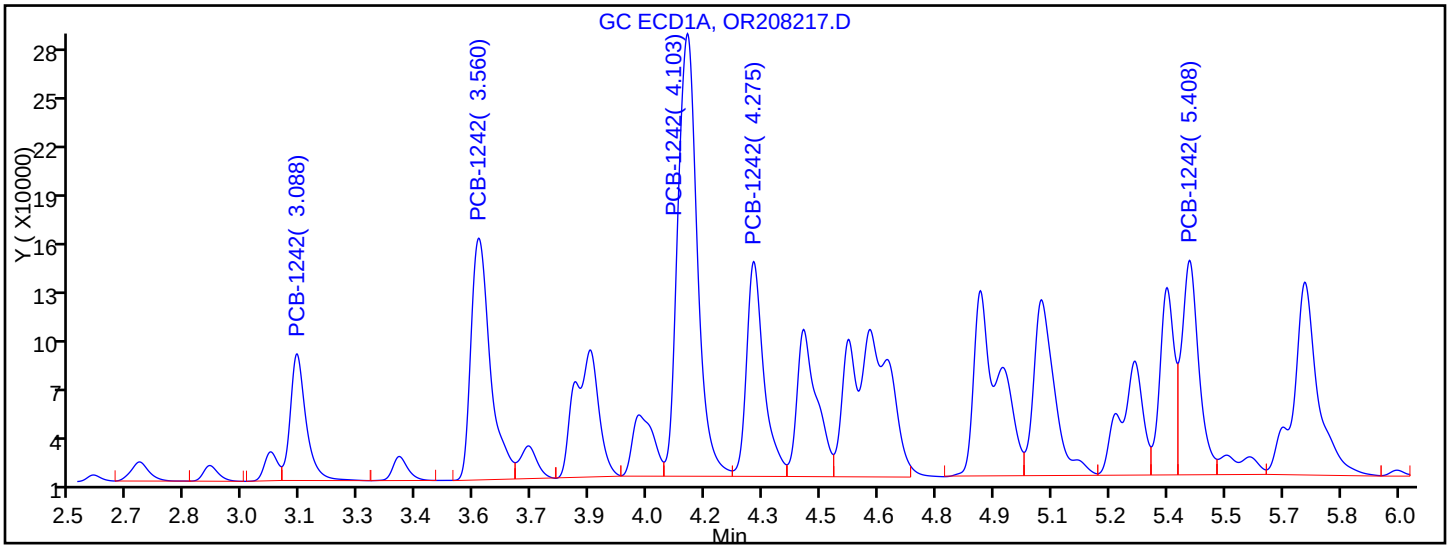
Injection Date:	18-Sep-2013 11:45:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-13SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.088	Response = 222289	
RT = 3.560	Response = 511926	M
RT = 4.103	Response = 966640	
RT = 4.275	Response = 414189	
RT = 5.408	Response = 498303	M



Manual Integration Results

RT = 3.088	Response = 222289	
RT = 3.560	Response = 520525	M
RT = 4.103	Response = 966640	
RT = 4.275	Response = 414189	
RT = 5.408	Response = 407036	M

Reviewer: patelji, 18-Sep-2013 12:13:36

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-WT Lab Sample ID: 460-62993-27

Matrix: Solid Lab File ID: OR208217.D

Analysis Method: 8082 Date Collected: 09/13/2013 11:15

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.02(g) Date Analyzed: 09/18/2013 11:45

Con. Extract Vol.: 10(mL) Dilution Factor: 25

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	430	U	1900	430
11104-28-2	Aroclor 1221	430	U	1900	430
11141-16-5	Aroclor 1232	430	U	1900	430
12672-29-6	Aroclor 1248	430	U	1900	430
11097-69-1	Aroclor 1254	540	U	1900	540
11096-82-5	Aroclor 1260	540	U	1900	540
37324-23-5	Aroclor 1262	540	U	1900	540
11100-14-4	Aroclor 1268	540	U	1900	540

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208217.D		
Lims ID:	460-62993-E-27-A	Client ID:	PMP-13SE-WT
Inject. Date:	18-Sep-2013 11:45:30	Dil. Factor:	25.0000
Sample Type:	Client		
Sample ID:	460-0004765-014		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	181943	Lims Sample ID:	14
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\8082GC7.m		
Last Update:	18-Sep-2013 13:15:42	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 12:13:36

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.088	3.088	0.0	222289	1513.3	
1	3.560	3.562	-0.002	520525	1804.7	M
1	4.103	4.105	-0.002	966640	1826.3	
1	4.275	4.277	-0.002	414189	1838.0	
1	5.408	5.412	-0.004	407036	1873.9	M
		Average of Peak Amounts =			1771.2	
2	2.342	2.343	-0.001	279476	1291.4	
2	2.667	2.670	-0.003	526051	1609.4	
2	3.120	3.123	-0.003	1192409	1633.0	M
2	3.263	3.265	-0.002	448508	1676.8	
2	3.700	3.703	-0.003	500916	1666.0	
		Average of Peak Amounts =			1575.4	
					RPD = 11.71	

QC Flag Legend

Review Flags
M - Manually Integrated

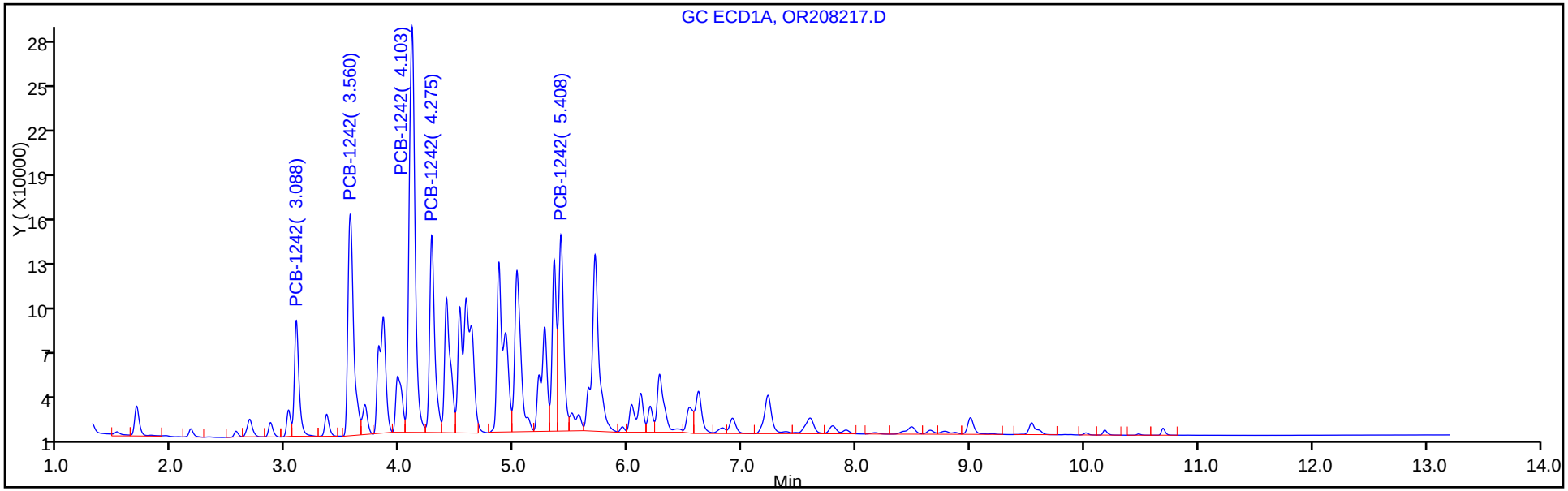
Report Date: 18-Sep-2013 15:15:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

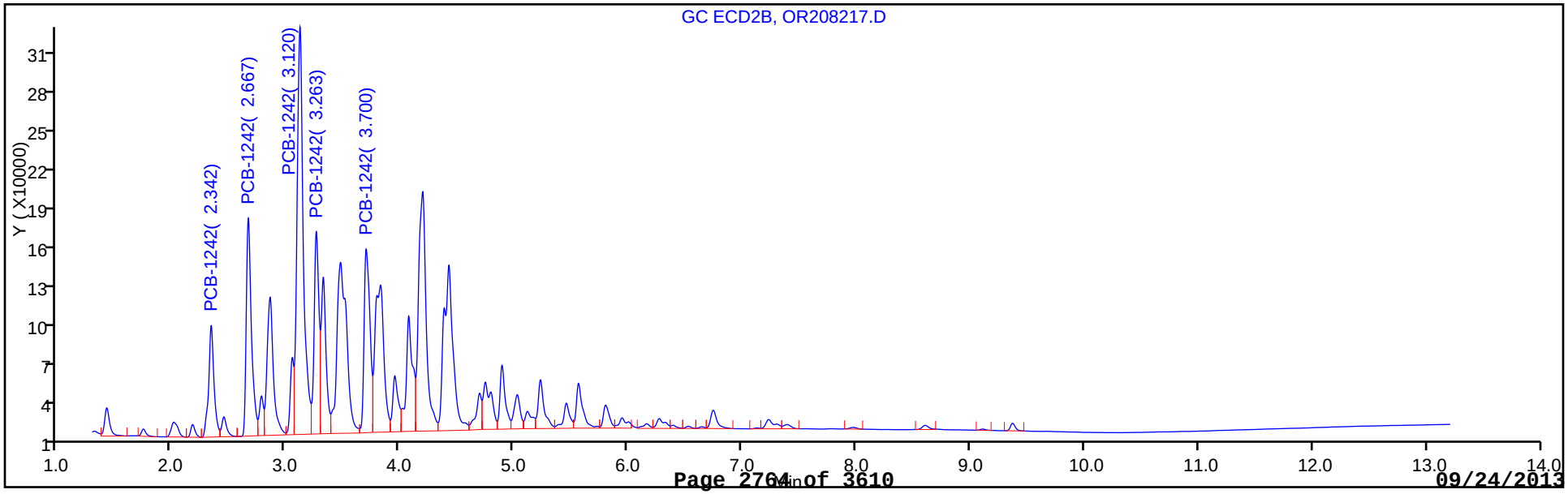
Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208217.D

Injection Date:	18-Sep-2013 11:45:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-13SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



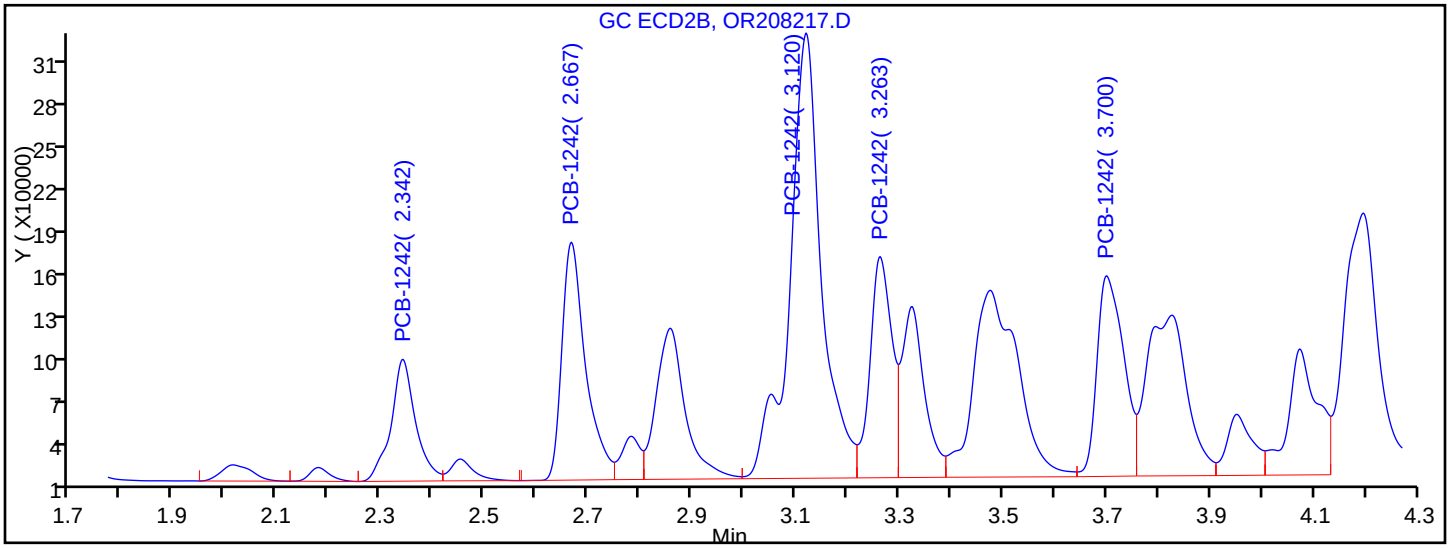
Report Date: 18-Sep-2013 15:15:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130918-4765.b\OR208217.D

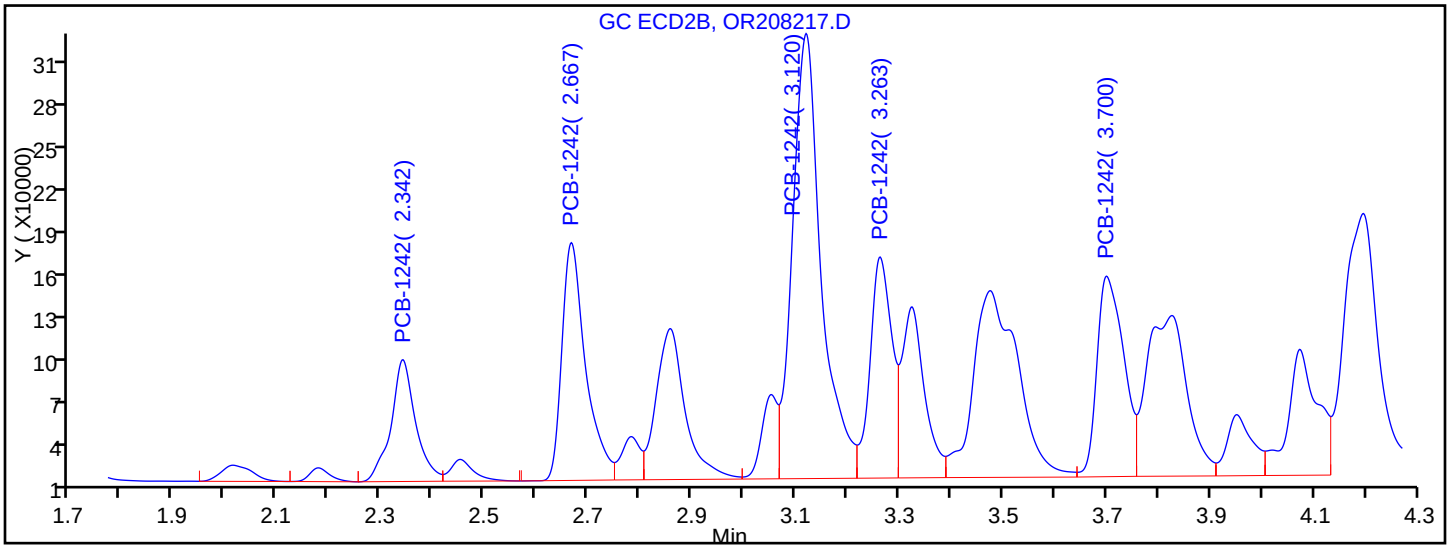
Injection Date:	18-Sep-2013 11:45:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-13SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181943	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.342	Response = 279476	
RT = 2.667	Response = 526051	
RT = 3.120	Response = 1318352	M
RT = 3.263	Response = 448508	
RT = 3.700	Response = 500916	



Manual Integration Results

RT = 2.342	Response = 279476	
RT = 2.667	Response = 526051	
RT = 3.120	Response = 1192409	M
RT = 3.263	Response = 448508	
RT = 3.700	Response = 500916	

Reviewer: patelji, 18-Sep-2013 12:13:36

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SI | Lab Sample ID: 460-62993-28

Matrix: Solid | Lab File ID: OR208187.D

Analysis Method: 8082 | Date Collected: 09/13/2013 11:20

Extraction Method: 3546 | Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.04(g) | Date Analyzed: 09/18/2013 01:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	74	J	76	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208187.D
Lims ID: 460-62993-E-28-A Client ID: PMP-13SE-SI
Inject. Date: 18-Sep-2013 01:30:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-0004712-061
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 61
Lims Batch ID: 181811 Lims Sample ID: 61
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m
Last Update: 18-Sep-2013 11:45:40 Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji Date: 18-Sep-2013 11:10:03

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.088	3.088	0.0	12186	83.0	M
1	3.562	3.562	0.0	26372	91.4	M
1	0.0	4.105	-4.105	0	0	
1	4.275	4.277	-0.002	31456	139.6	M
1	5.408	5.412	-0.004	16931	77.9	M
		Average of Peak Amounts =			98.0	
2	2.345	2.343	0.002	15980	73.8	M
2	2.672	2.670	0.002	28847	88.3	
2	0.0	3.123	-3.123	0	0	
2	3.267	3.265	0.002	32151	120.2	M
2	3.703	3.703	0.0	32536	108.2	
		Average of Peak Amounts =			97.6	
					RPD = 0.36	
$ 5 DCB Decachlorobiphenyl						
1	10.703	10.710	-0.007	193379	49.6	
2	9.370	9.377	-0.007	337719	47.9	
					RPD = 3.50	

QC Flag Legend

Review Flags
M - Manually Integrated

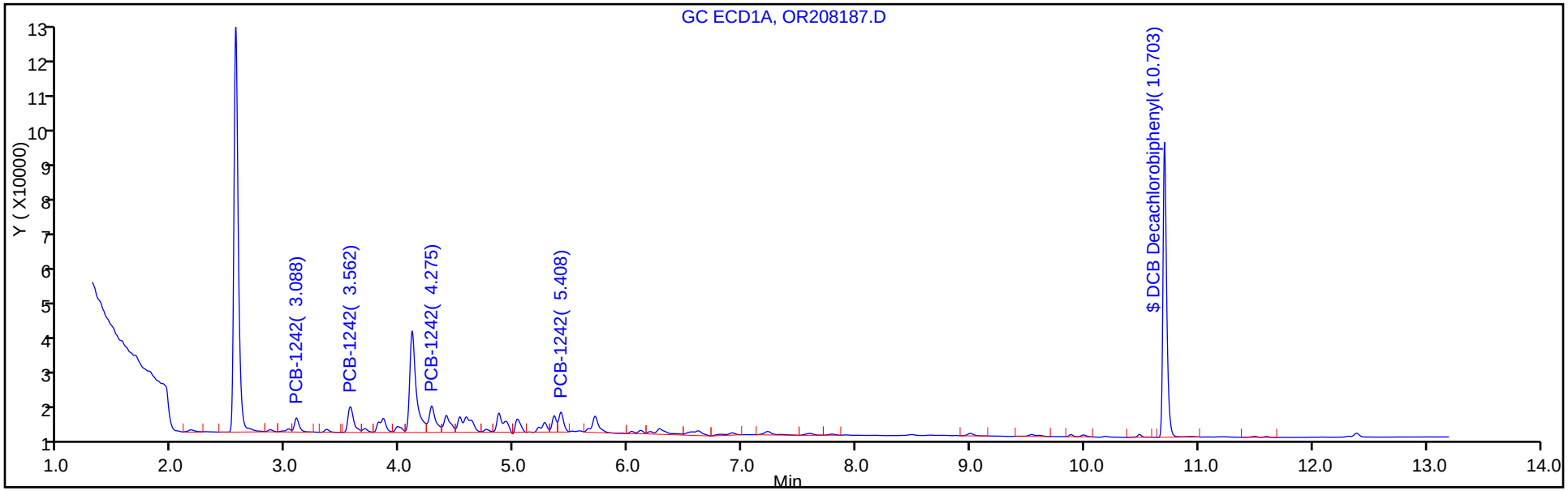
Report Date: 18-Sep-2013 11:46:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

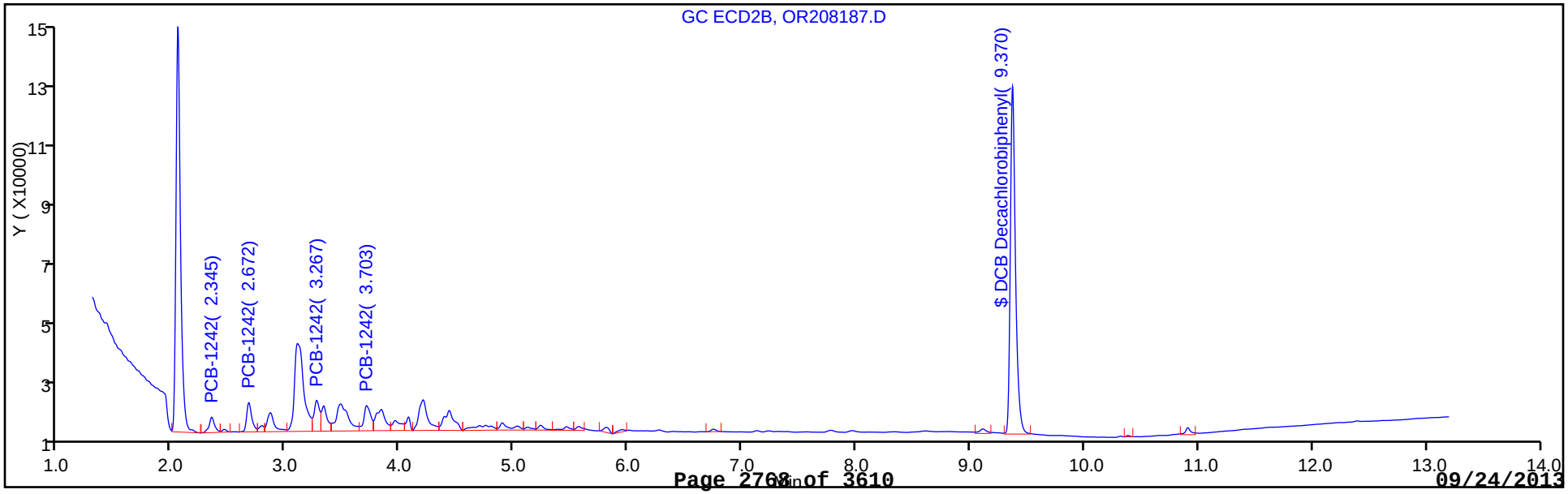
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208187.D

Injection Date:	18-Sep-2013 01:30:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-13SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	61
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



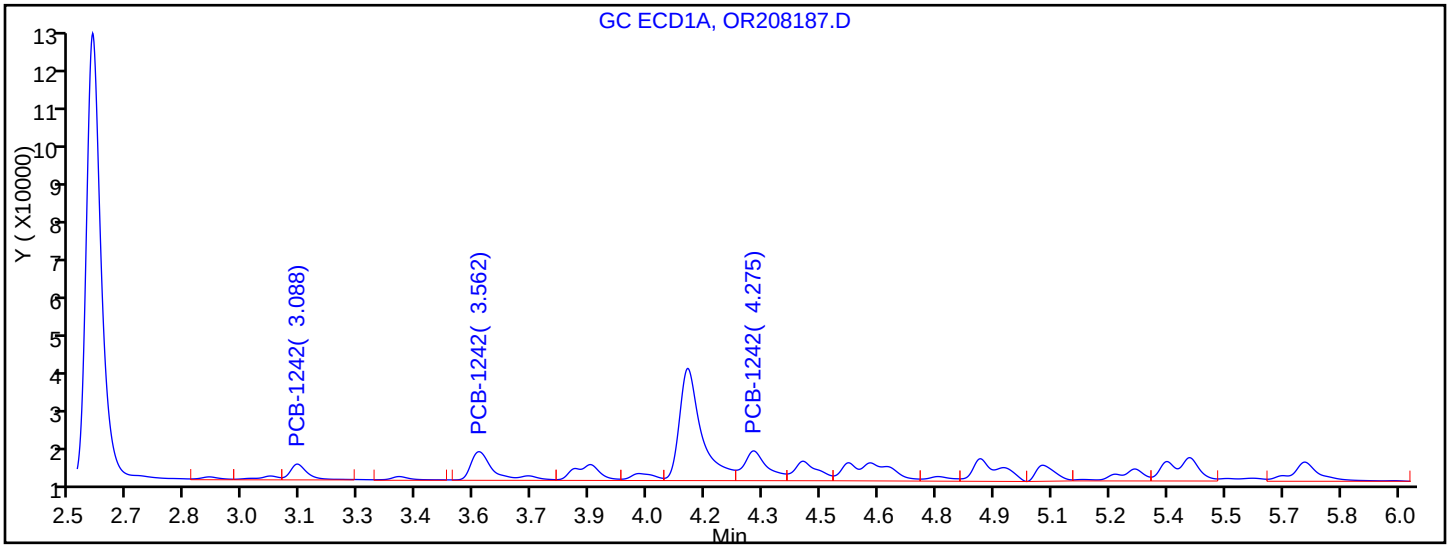
Report Date: 18-Sep-2013 11:46:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208187.D

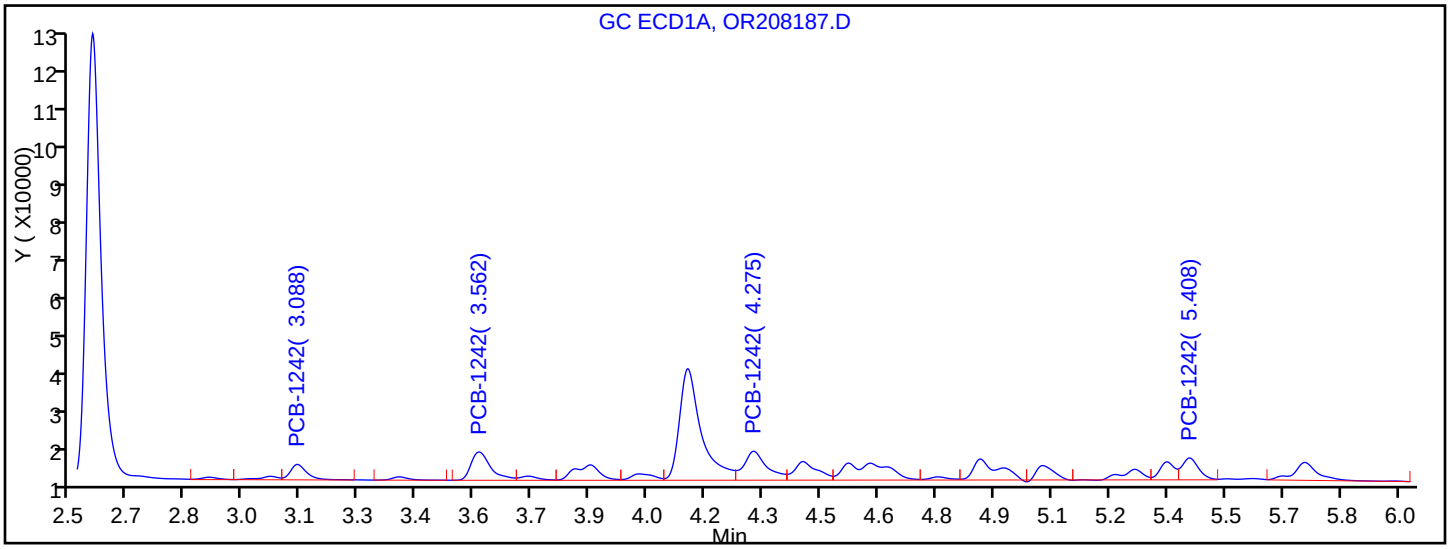
Injection Date:	18-Sep-2013 01:30:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-13SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	61
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.088	Response = 13090	M
RT = 3.562	Response = 31503	M
RT = 4.103	Response = 116941	
RT = 4.275	Response = 33128	M
RT = 5.350	Response = 33690	M



Manual Integration Results

RT = 3.088	Response = 12186	M
RT = 3.562	Response = 26372	M
RT = 0.000	Response = 0	
RT = 4.275	Response = 31456	M
RT = 5.408	Response = 16931	M

Reviewer: patelji, 18-Sep-2013 11:10:03

Audit Action: Assigned New Baseline

Audit Reason: Column bleed

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SI | Lab Sample ID: 460-62993-28

Matrix: Solid | Lab File ID: OR208187.D

Analysis Method: 8082 | Date Collected: 09/13/2013 11:20

Extraction Method: 3546 | Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.04(g) | Date Analyzed: 09/18/2013 01:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	76	17
11104-28-2	Aroclor 1221	17	U	76	17
11141-16-5	Aroclor 1232	17	U	76	17
12672-29-6	Aroclor 1248	17	U	76	17
11097-69-1	Aroclor 1254	21	U	76	21
11096-82-5	Aroclor 1260	21	U	76	21
37324-23-5	Aroclor 1262	21	U	76	21
11100-14-4	Aroclor 1268	21	U	76	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208187.D		
Lims ID:	460-62993-E-28-A	Client ID:	PMP-13SE-SI
Inject. Date:	18-Sep-2013 01:30:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-061		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	61
Lims Batch ID:	181811	Lims Sample ID:	61
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:10:03

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.088	3.088	0.0	12186	83.0	M
1	3.562	3.562	0.0	26372	91.4	M
1	0.0	4.105	-4.105	0	0	
1	4.275	4.277	-0.002	31456	139.6	M
1	5.408	5.412	-0.004	16931	77.9	M
		Average of Peak Amounts =			98.0	
2	2.345	2.343	0.002	15980	73.8	M
2	2.672	2.670	0.002	28847	88.3	
2	0.0	3.123	-3.123	0	0	
2	3.267	3.265	0.002	32151	120.2	M
2	3.703	3.703	0.0	32536	108.2	
		Average of Peak Amounts =			97.6	
					RPD = 0.36	
$ 5 DCB Decachlorobiphenyl						
1	10.703	10.710	-0.007	193379	49.6	
2	9.370	9.377	-0.007	337719	47.9	
					RPD = 3.50	

QC Flag Legend

Review Flags
M - Manually Integrated

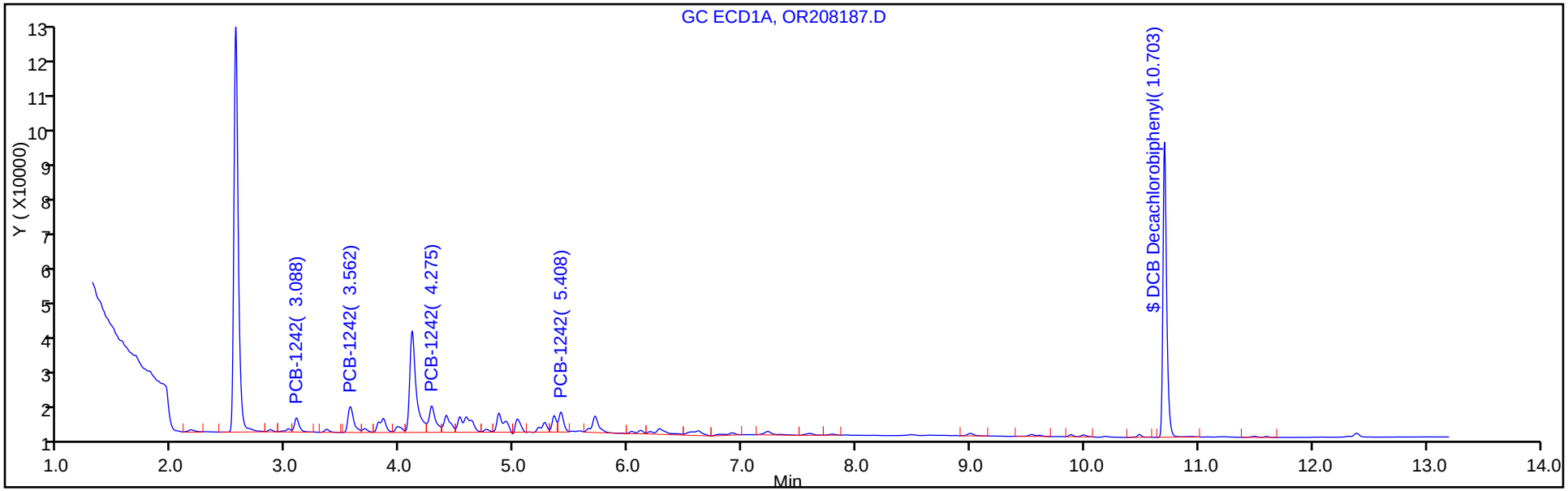
Report Date: 18-Sep-2013 11:46:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

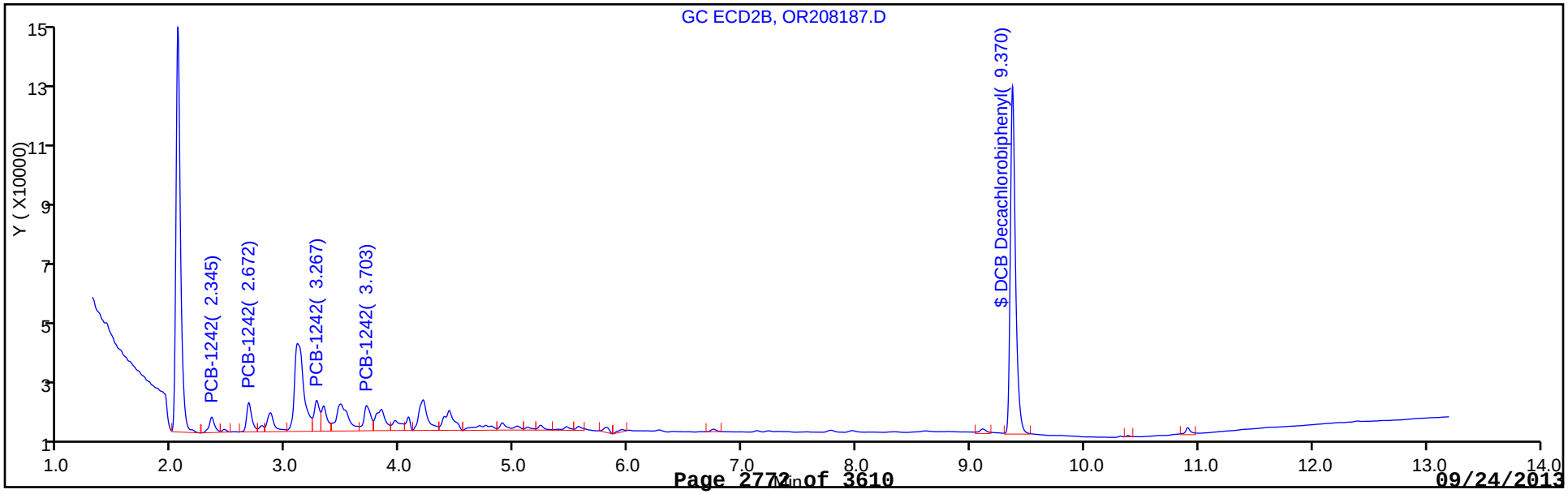
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208187.D

Injection Date:	18-Sep-2013 01:30:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-13SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	61
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



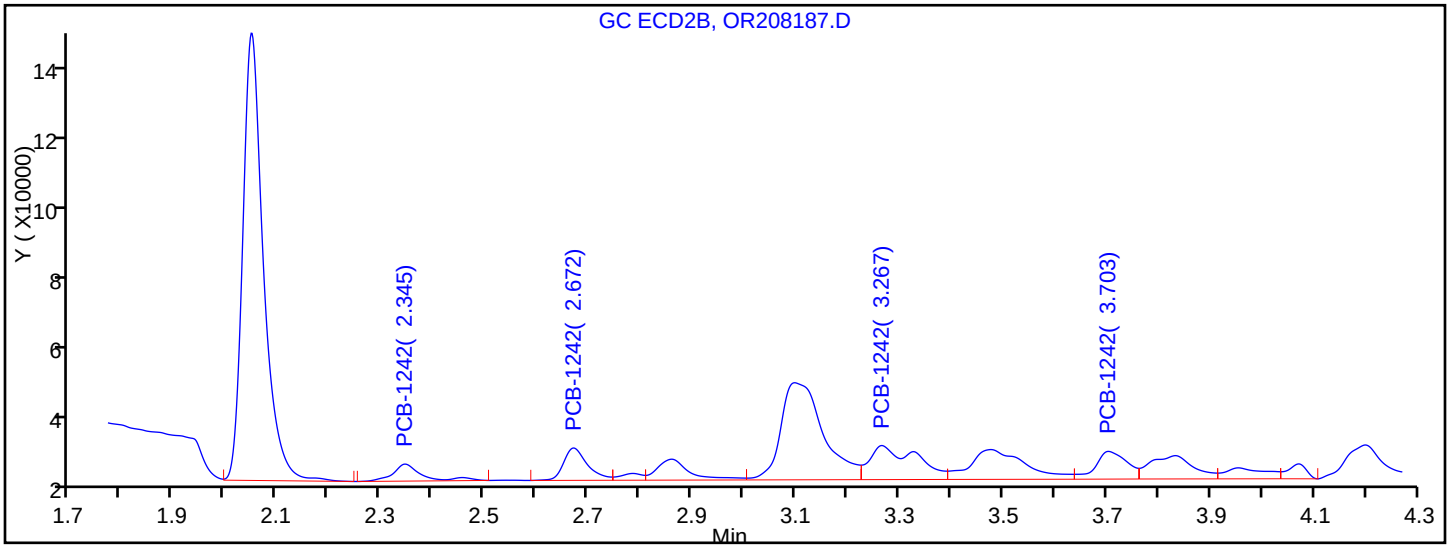
Report Date: 18-Sep-2013 11:46:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208187.D

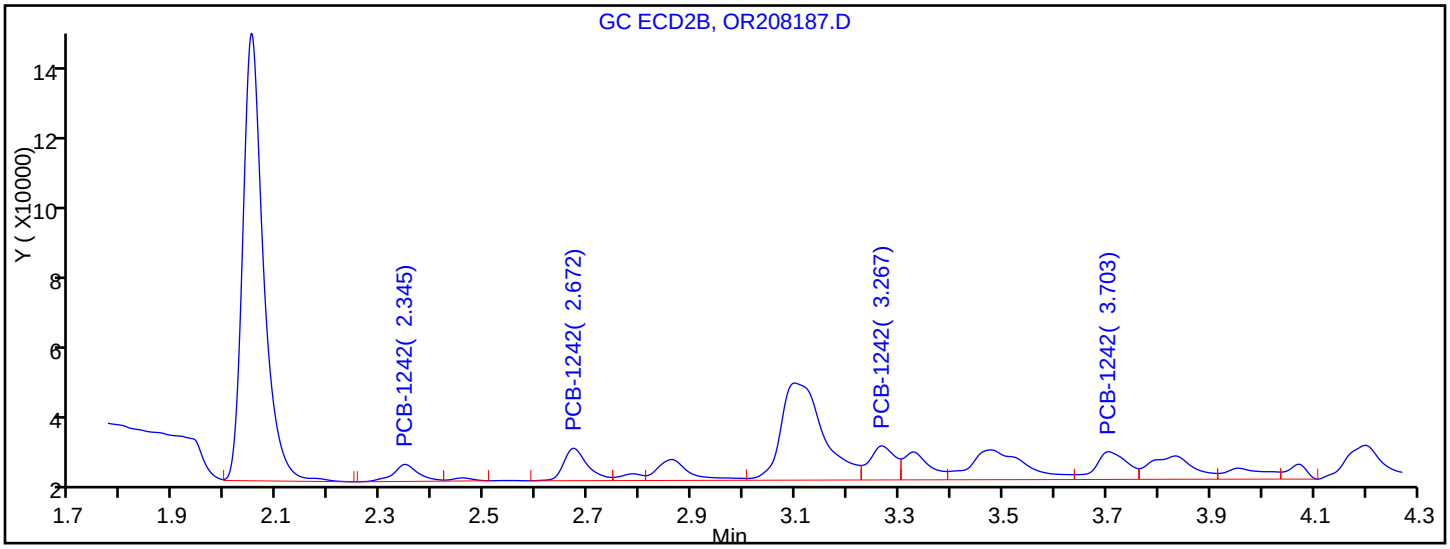
Injection Date:	18-Sep-2013 01:30:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-13SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	61
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.345	Response = 18291	M
RT = 2.672	Response = 28847	
RT = 3.098	Response = 153696	
RT = 3.267	Response = 58897	M
RT = 3.703	Response = 32536	



Manual Integration Results

RT = 2.345	Response = 15980	M
RT = 2.672	Response = 28847	
RT = 0.000	Response = 0	
RT = 3.267	Response = 32151	M
RT = 3.703	Response = 32536	

Reviewer: patelji, 18-Sep-2013 11:10:03

Audit Action: Split an Integrated Peak

Audit Reason: Column bleed

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SD | Lab Sample ID: 460-62993-29

Matrix: Solid | Lab File ID: OR208188.D

Analysis Method: 8082 | Date Collected: 09/13/2013 11:25

Extraction Method: 3546 | Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.05(g) | Date Analyzed: 09/18/2013 01:47

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	80		78	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208188.D
Lims ID: 460-62993-F-29-A Client ID: PMP-13SE-SD
Inject. Date: 18-Sep-2013 01:47:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-0004712-062
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 62
Lims Batch ID: 181811 Lims Sample ID: 62
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m
Last Update: 18-Sep-2013 11:45:40 Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji Date: 18-Sep-2013 11:11:03

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.090	3.088	0.002	15700	106.9	
1	3.563	3.562	0.001	29886	103.6	M
1	0.0	4.105	-4.105	0	0	
1	4.277	4.277	0.0	27248	120.9	M
1	5.410	5.412	-0.002	18524	85.3	M
		Average of Peak Amounts =			104.2	
2	2.343	2.343	0.0	20209	93.4	M
2	2.668	2.670	-0.002	33414	102.2	
2	0.0	3.123	-3.123	0	0	
2	3.263	3.265	-0.002	27858	104.2	M
2	3.702	3.703	-0.001	24357	81.0	
		Average of Peak Amounts =			95.2	
					RPD = 9.01	
$ 5 DCB Decachlorobiphenyl						
1	10.700	10.710	-0.010	183069	47.0	
2	9.368	9.377	-0.009	312718	44.3	
					RPD = 5.71	

QC Flag Legend

Review Flags
M - Manually Integrated

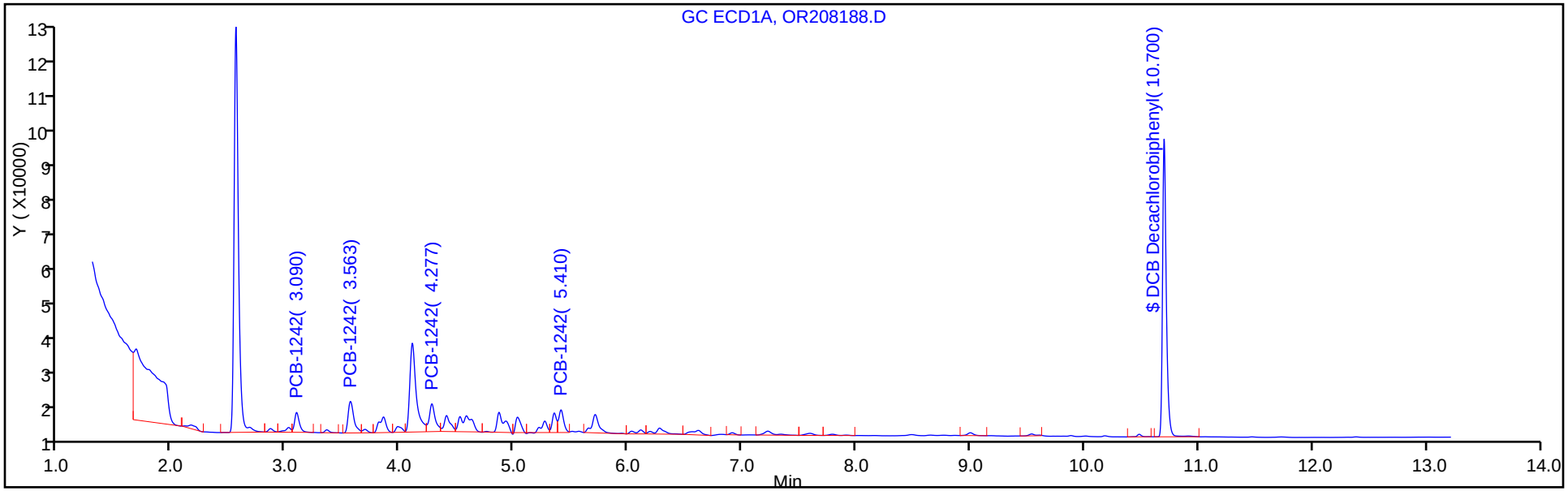
Report Date: 18-Sep-2013 11:46:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

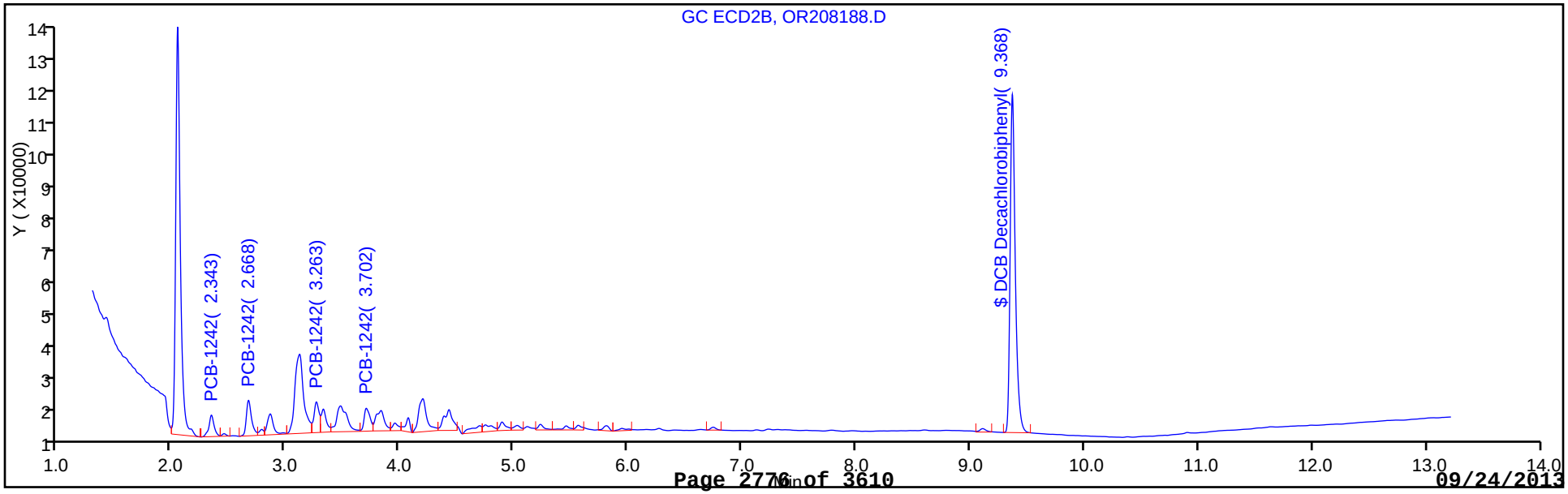
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208188.D

Injection Date:	18-Sep-2013 01:47:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-13SE-SD	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	62
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



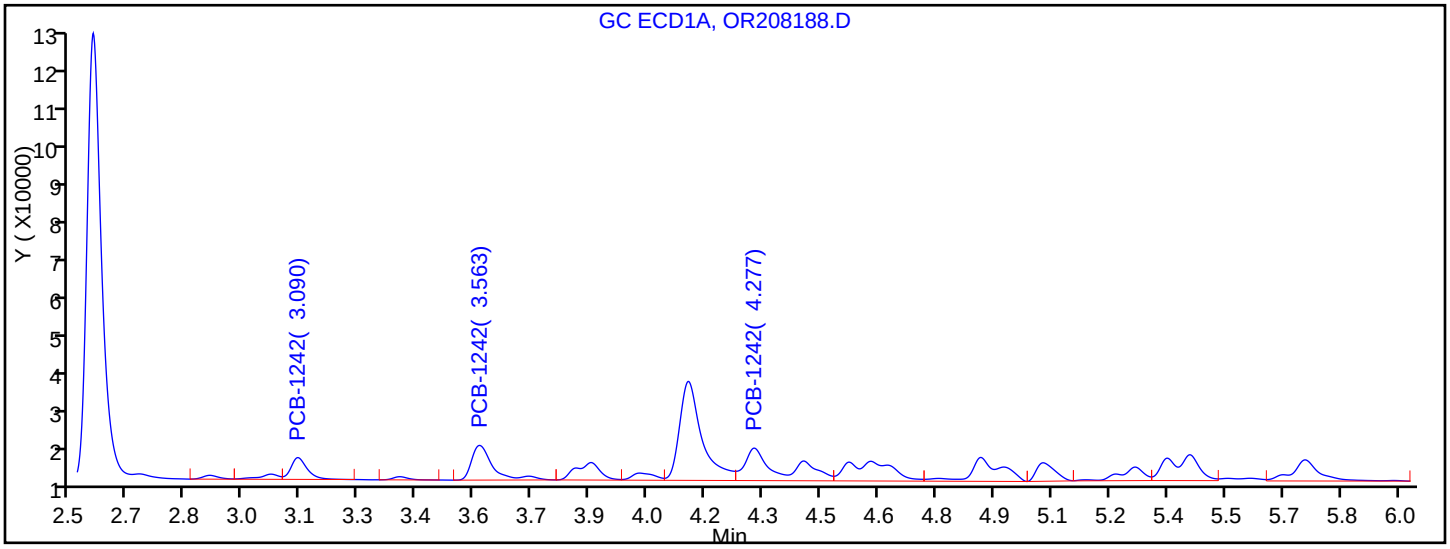
Report Date: 18-Sep-2013 11:46:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208188.D

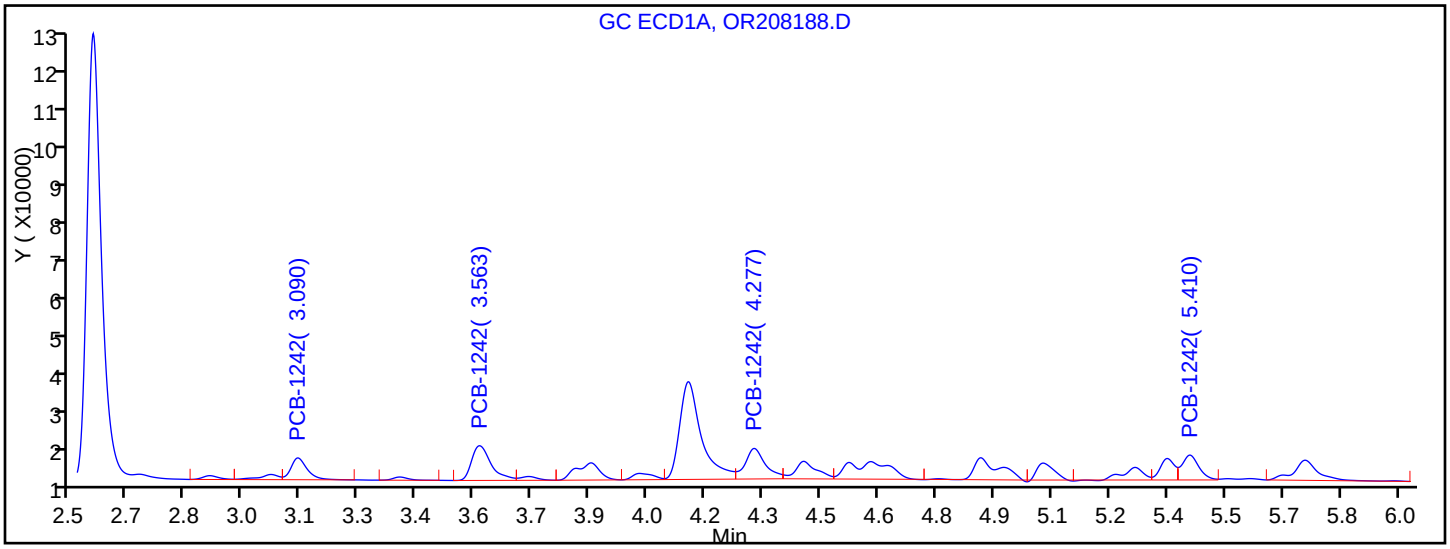
Injection Date:	18-Sep-2013 01:47:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-13SE-SD	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	62
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.090	Response = 15700	
RT = 3.563	Response = 32739	M
RT = 4.105	Response = 97882	
RT = 4.277	Response = 51580	M
RT = 5.350	Response = 34602	M



Manual Integration Results

RT = 3.090	Response = 15700	
RT = 3.563	Response = 29886	M
RT = 0.000	Response = 0	
RT = 4.277	Response = 27248	M
RT = 5.410	Response = 18524	M

Reviewer: patelji, 18-Sep-2013 11:11:03

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SD Lab Sample ID: 460-62993-29

Matrix: Solid Lab File ID: OR208188.D

Analysis Method: 8082 Date Collected: 09/13/2013 11:25

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.05(g) Date Analyzed: 09/18/2013 01:47

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	78	17
11104-28-2	Aroclor 1221	17	U	78	17
11141-16-5	Aroclor 1232	17	U	78	17
12672-29-6	Aroclor 1248	17	U	78	17
11097-69-1	Aroclor 1254	22	U	78	22
11096-82-5	Aroclor 1260	22	U	78	22
37324-23-5	Aroclor 1262	22	U	78	22
11100-14-4	Aroclor 1268	22	U	78	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208188.D
Lims ID: 460-62993-F-29-A Client ID: PMP-13SE-SD
Inject. Date: 18-Sep-2013 01:47:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-0004712-062
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 62
Lims Batch ID: 181811 Lims Sample ID: 62
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m
Last Update: 18-Sep-2013 11:45:40 Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji Date: 18-Sep-2013 11:11:03

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.090	3.088	0.002	15700	106.9	
1	3.563	3.562	0.001	29886	103.6	M
1	0.0	4.105	-4.105	0	0	
1	4.277	4.277	0.0	27248	120.9	M
1	5.410	5.412	-0.002	18524	85.3	M
		Average of Peak Amounts =			104.2	
2	2.343	2.343	0.0	20209	93.4	M
2	2.668	2.670	-0.002	33414	102.2	
2	0.0	3.123	-3.123	0	0	
2	3.263	3.265	-0.002	27858	104.2	M
2	3.702	3.703	-0.001	24357	81.0	
		Average of Peak Amounts =			95.2	
					RPD = 9.01	
$ 5 DCB Decachlorobiphenyl						
1	10.700	10.710	-0.010	183069	47.0	
2	9.368	9.377	-0.009	312718	44.3	
					RPD = 5.71	

QC Flag Legend

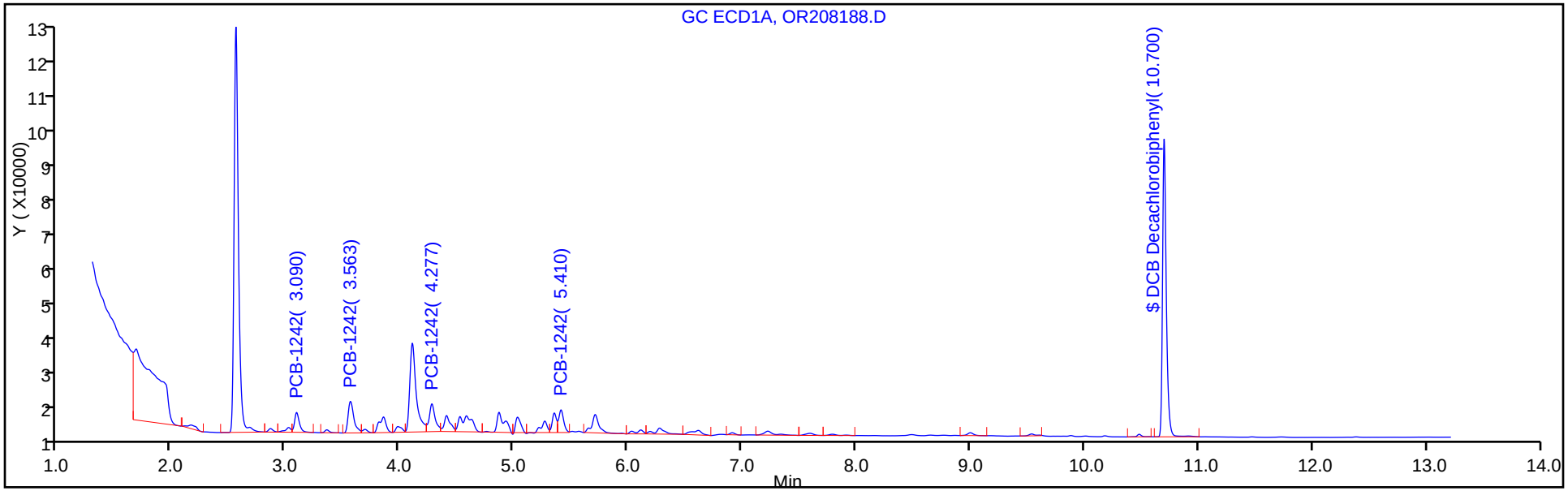
Review Flags
M - Manually Integrated

Report Date: 18-Sep-2013 11:46:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50

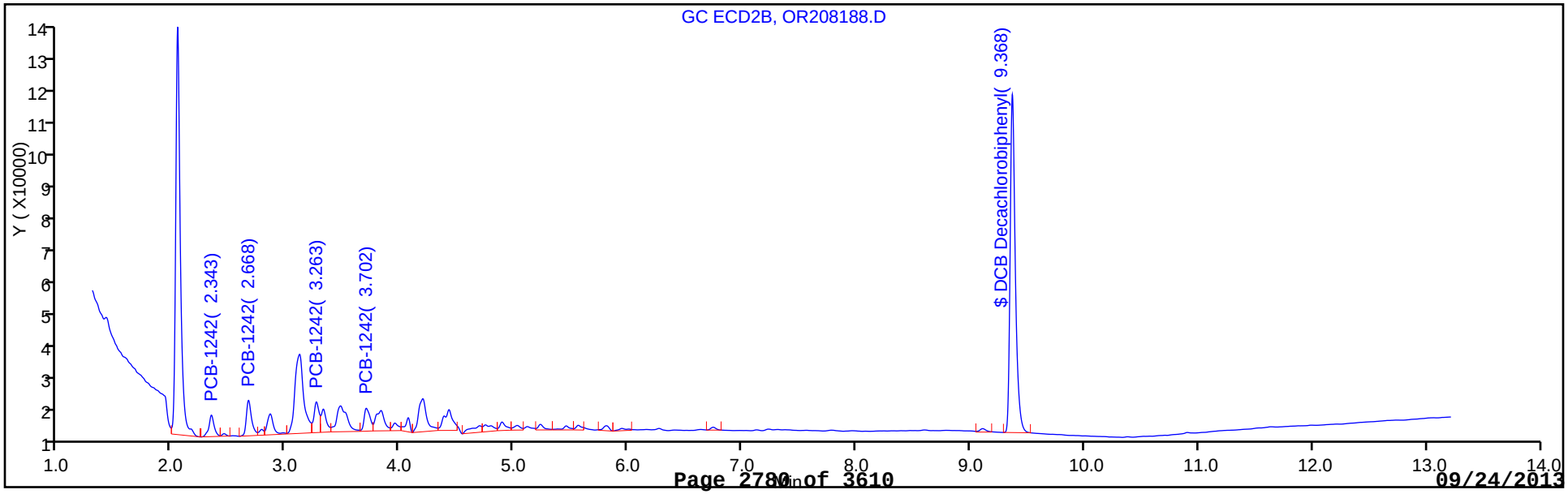
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208188.D		
Injection Date:	18-Sep-2013 01:47:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-13SE-SD	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	62
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



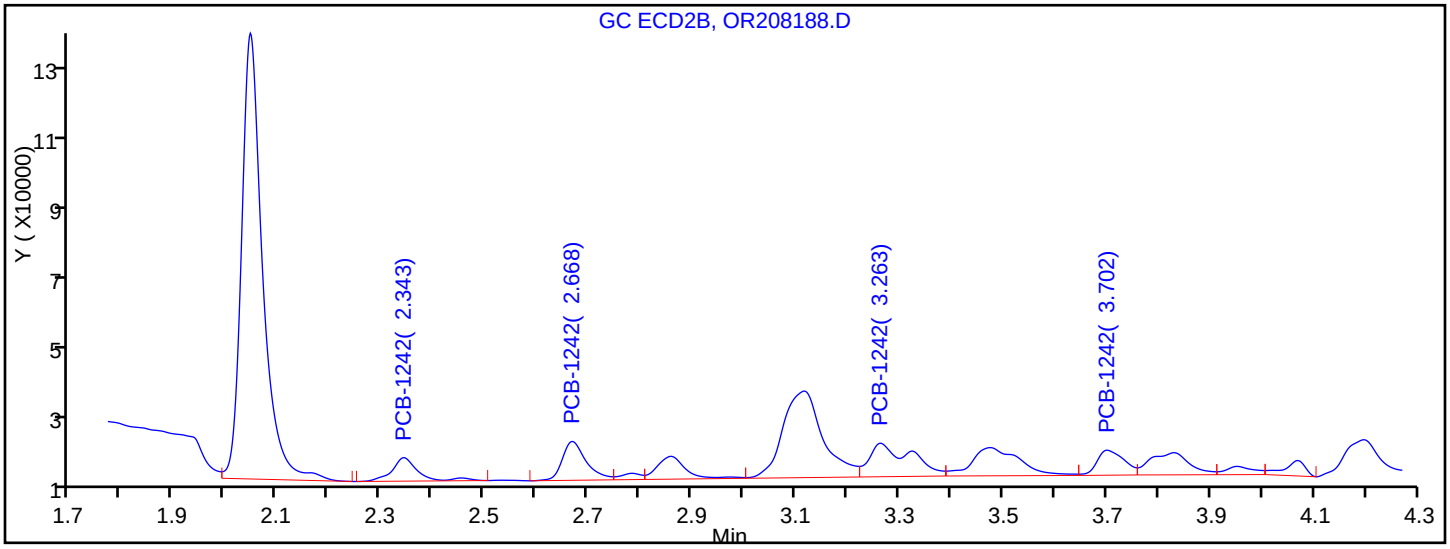
Report Date: 18-Sep-2013 11:46:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208188.D

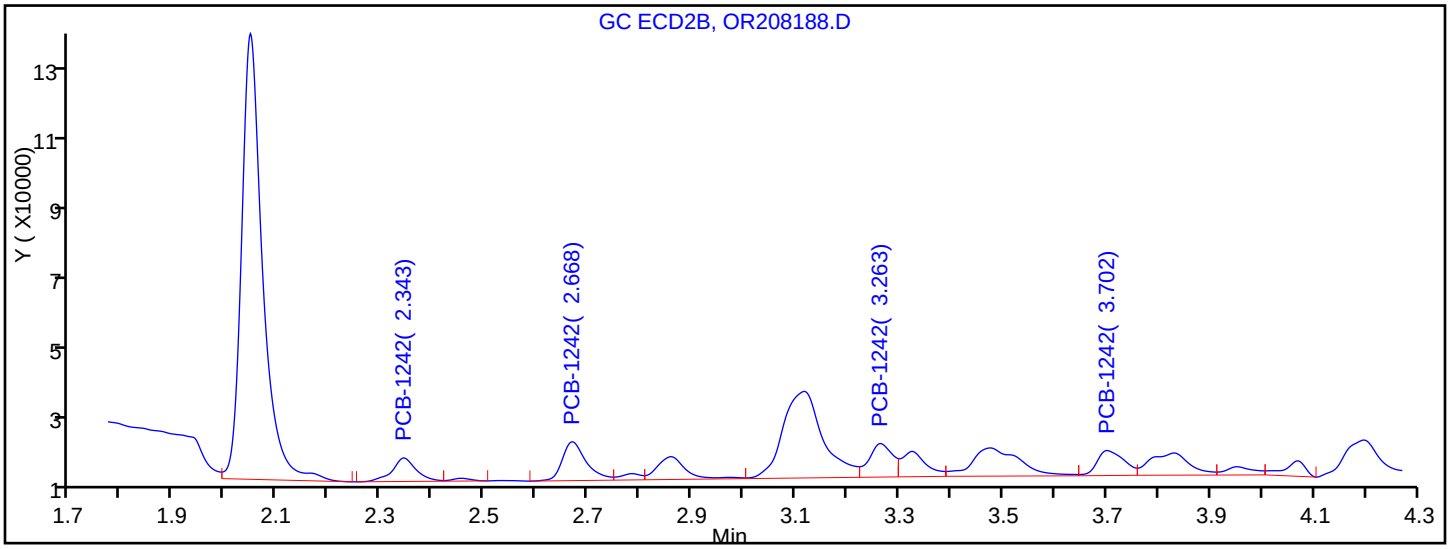
Injection Date:	18-Sep-2013 01:47:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-13SE-SD	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	62
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.343	Response = 22017	M
RT = 2.668	Response = 33414	
RT = 3.117	Response = 124150	
RT = 3.263	Response = 49749	M
RT = 3.702	Response = 24357	



Manual Integration Results

RT = 2.343	Response = 20209	M
RT = 2.668	Response = 33414	
RT = 0.000	Response = 0	
RT = 3.263	Response = 27858	M
RT = 3.702	Response = 24357	

Reviewer: patelji, 18-Sep-2013 11:11:03

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-VD Lab Sample ID: 460-62993-30

Matrix: Solid Lab File ID: OR208189.D

Analysis Method: 8082 Date Collected: 09/13/2013 11:45

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 02:02

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	130		70	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208189.D		
Lims ID:	460-62993-E-30-A	Client ID:	PMP-15SE-VD
Inject. Date:	18-Sep-2013 02:02:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-063		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	63
Lims Batch ID:	181811	Lims Sample ID:	63
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:11:52

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	3.088	3.088	0.0	23110	157.3	
1	3.560	3.562	-0.002	54163	187.8	M
1	0.0	4.105	-4.105	0	0	
1	4.275	4.277	-0.002	46464	206.2	
1	5.408	5.412	-0.004	37103	170.8	M
		Average of Peak Amounts =			180.5	
2	2.345	2.343	0.002	31322	144.7	M
2	2.670	2.670	0.0	61720	188.8	
2	0.0	3.123	-3.123	0	0	
2	3.265	3.265	0.0	53191	198.9	M
2	3.703	3.703	0.0	54396	180.9	
		Average of Peak Amounts =			178.3	
					RPD = 1.22	
$ 5 DCB Decachlorobiphenyl						
1	10.703	10.710	-0.007	191810	49.2	
2	9.370	9.377	-0.007	333883	47.3	
					RPD = 3.83	

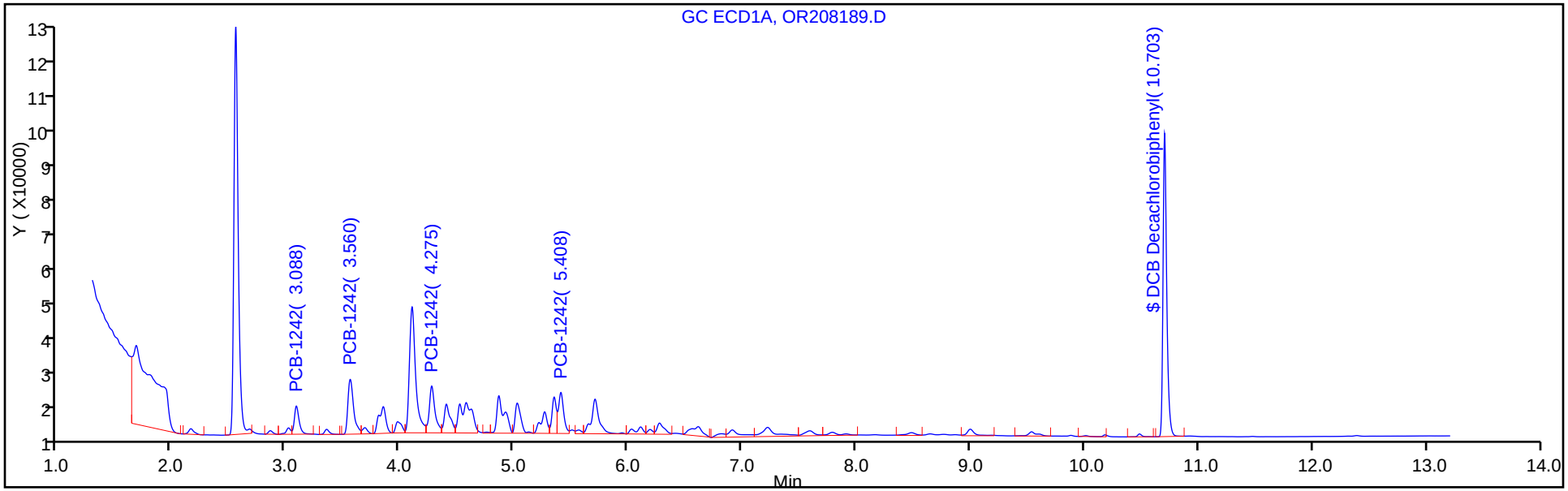
Report Date: 18-Sep-2013 11:46:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

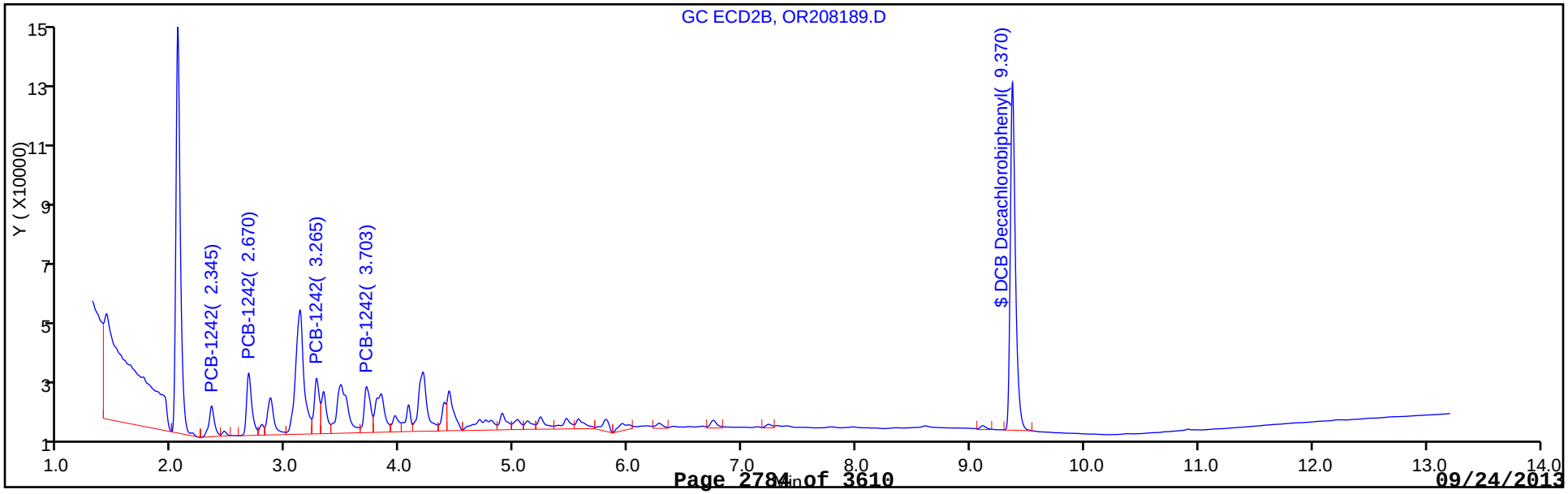
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208189.D

Injection Date:	18-Sep-2013 02:02:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-15SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	63
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-VD Lab Sample ID: 460-62993-30

Matrix: Solid Lab File ID: OR208189.D

Analysis Method: 8082 Date Collected: 09/13/2013 11:45

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 02:02

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	70	16
11104-28-2	Aroclor 1221	16	U	70	16
11141-16-5	Aroclor 1232	16	U	70	16
12672-29-6	Aroclor 1248	16	U	70	16
11097-69-1	Aroclor 1254	20	U	70	20
11096-82-5	Aroclor 1260	20	U	70	20
37324-23-5	Aroclor 1262	20	U	70	20
11100-14-4	Aroclor 1268	20	U	70	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208189.D
Lims ID: 460-62993-E-30-A Client ID: PMP-15SE-VD
Inject. Date: 18-Sep-2013 02:02:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-0004712-063
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 63
Lims Batch ID: 181811 Lims Sample ID: 63
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m
Last Update: 18-Sep-2013 11:45:40 Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji Date: 18-Sep-2013 11:11:52

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	3.088	3.088	0.0	23110	157.3	
1	3.560	3.562	-0.002	54163	187.8	M
1	0.0	4.105	-4.105	0	0	
1	4.275	4.277	-0.002	46464	206.2	
1	5.408	5.412	-0.004	37103	170.8	M
		Average of Peak Amounts =			180.5	
2	2.345	2.343	0.002	31322	144.7	M
2	2.670	2.670	0.0	61720	188.8	
2	0.0	3.123	-3.123	0	0	
2	3.265	3.265	0.0	53191	198.9	M
2	3.703	3.703	0.0	54396	180.9	
		Average of Peak Amounts =			178.3	
					RPD = 1.22	
$ 5 DCB Decachlorobiphenyl						
1	10.703	10.710	-0.007	191810	49.2	
2	9.370	9.377	-0.007	333883	47.3	
					RPD = 3.83	

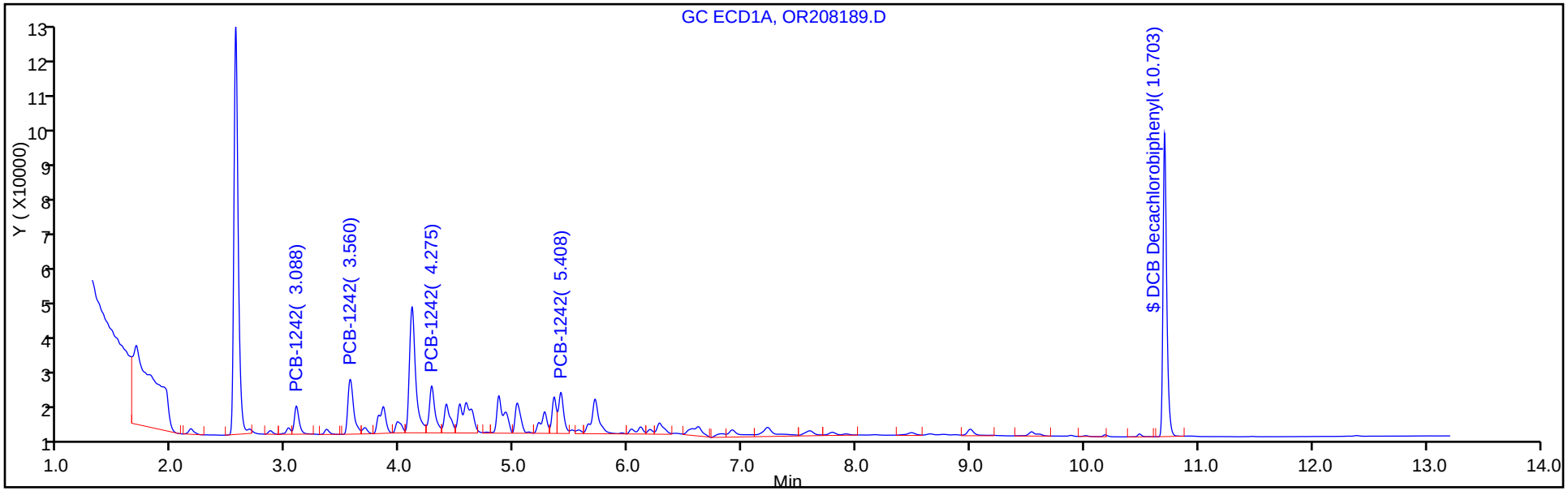
Report Date: 18-Sep-2013 11:46:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

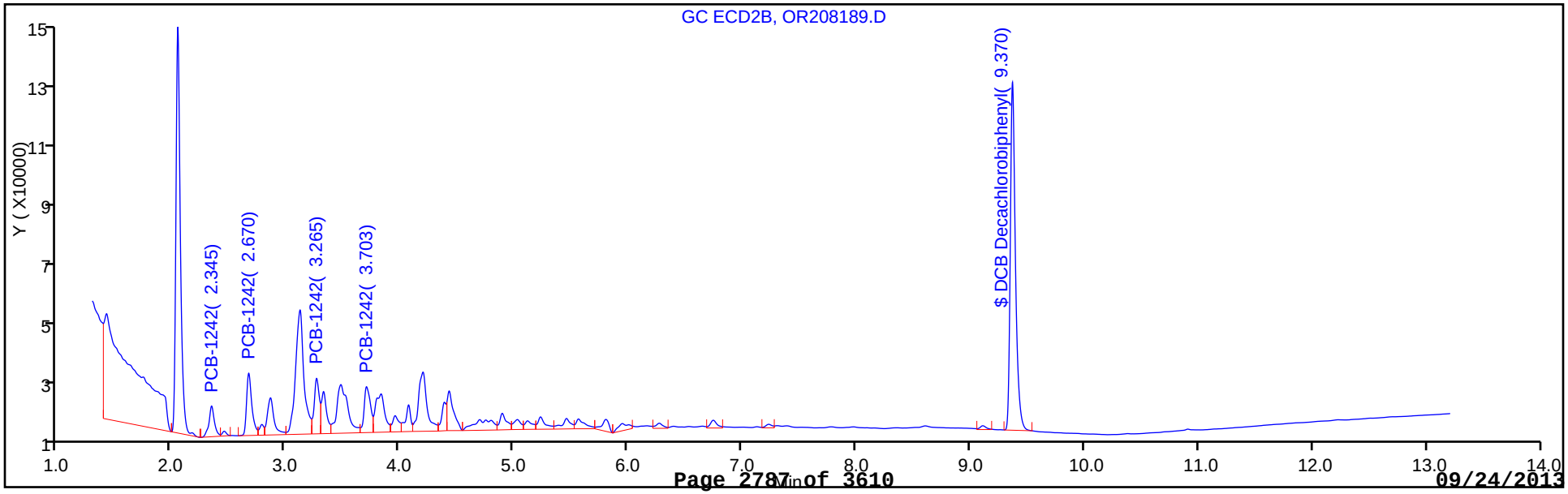
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208189.D

Injection Date:	18-Sep-2013 02:02:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-15SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	63
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-WT Lab Sample ID: 460-62993-31

Matrix: Solid Lab File ID: OR208190.D

Analysis Method: 8082 Date Collected: 09/13/2013 11:50

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.03(g) Date Analyzed: 09/18/2013 02:18

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208190.D		
Lims ID:	460-62993-E-31-A	Client ID:	PMP-15SE-WT
Inject. Date:	18-Sep-2013 02:18:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-064		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	64
Lims Batch ID:	181811	Lims Sample ID:	64
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:12:42

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.088	3.088	0.0	9940	67.7	M
1	3.560	3.562	-0.002	21843	75.7	M
1	0.0	4.105	-4.105	0	0	
1	4.275	4.277	-0.002	24076	106.8	M
1	5.408	5.412	-0.004	13851	63.8	M
		Average of Peak Amounts =			78.5	
2	2.345	2.343	0.002	12881	59.5	M
2	2.670	2.670	0.0	25854	79.1	
2	0.0	3.123	-3.123	0	0	
2	3.265	3.265	0.0	25340	94.7	M
2	3.703	3.703	0.0	25892	86.1	
		Average of Peak Amounts =			79.9	
					RPD = 1.73	
$ 5 DCB Decachlorobiphenyl						
1	10.703	10.710	-0.007	187184	48.0	
2	9.370	9.377	-0.007	325034	46.1	
					RPD = 4.07	

QC Flag Legend

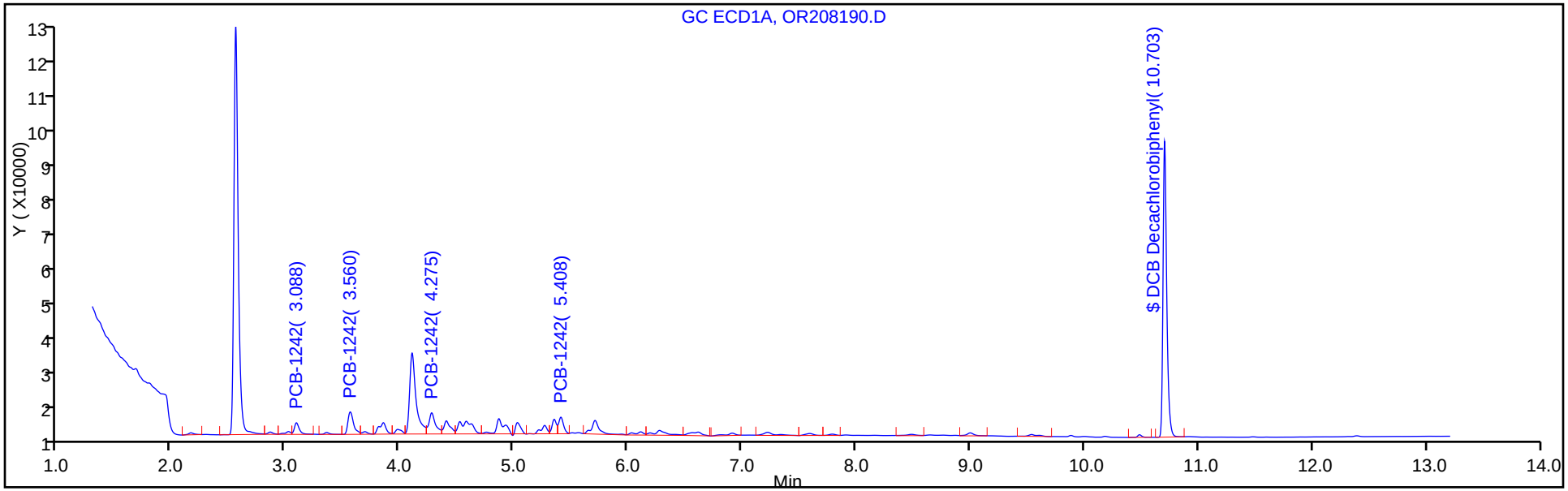
Review Flags
M - Manually Integrated

Report Date: 18-Sep-2013 11:46:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

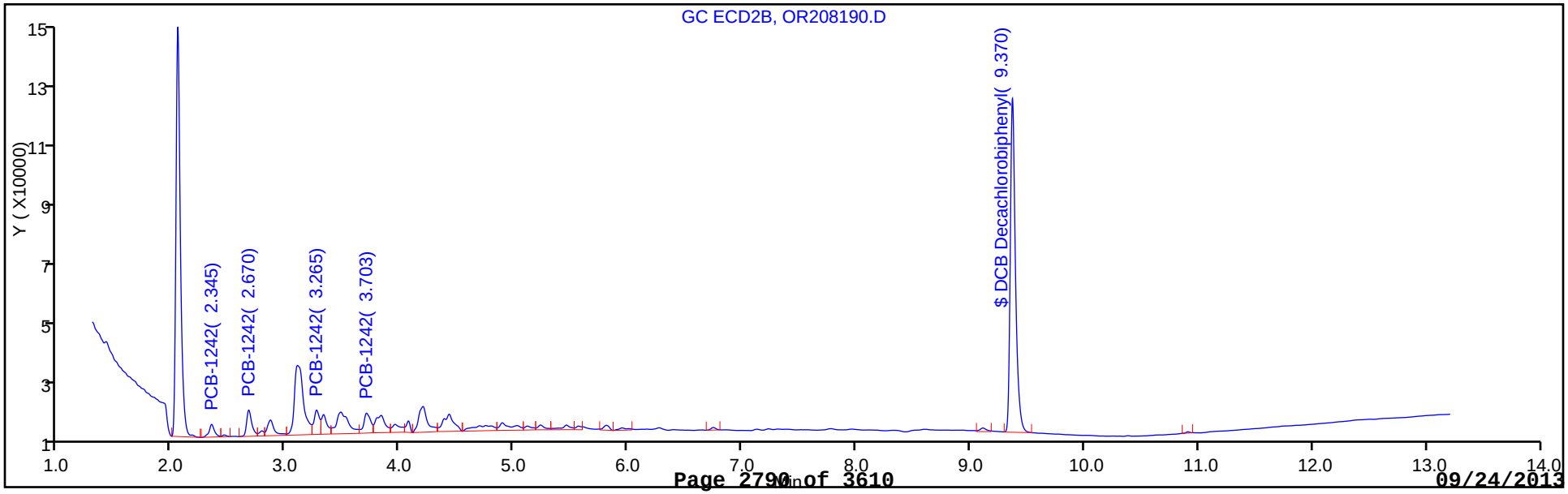
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208190.D		
Injection Date:	18-Sep-2013 02:18:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-15SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	64
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



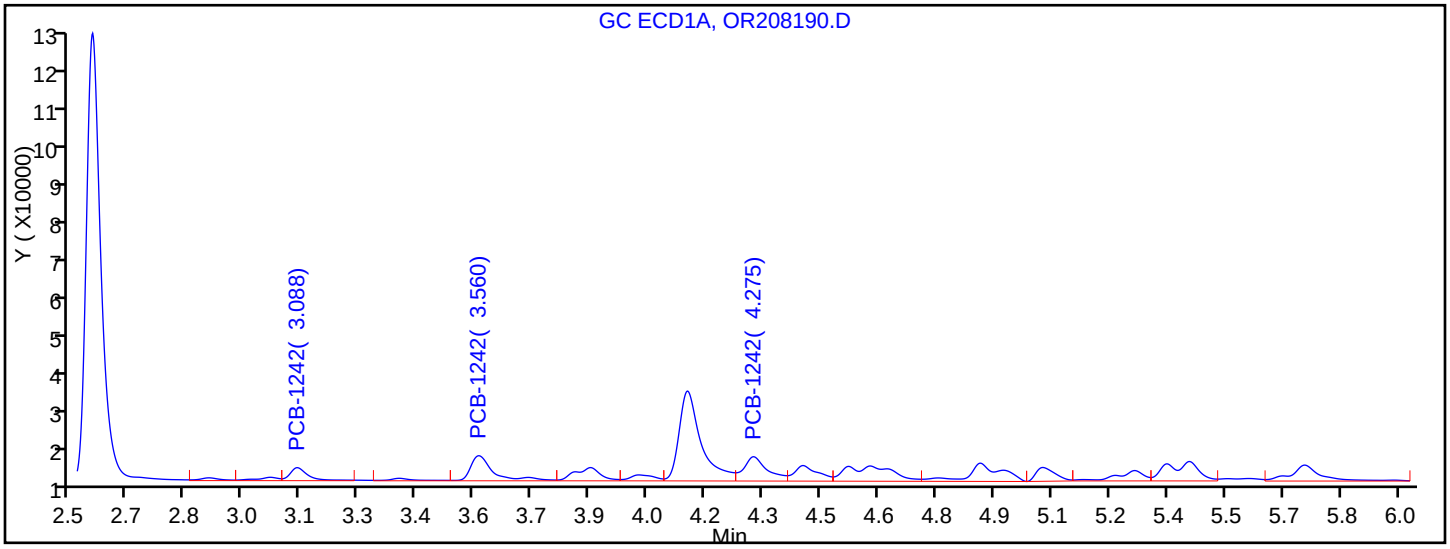
Report Date: 18-Sep-2013 11:46:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208190.D

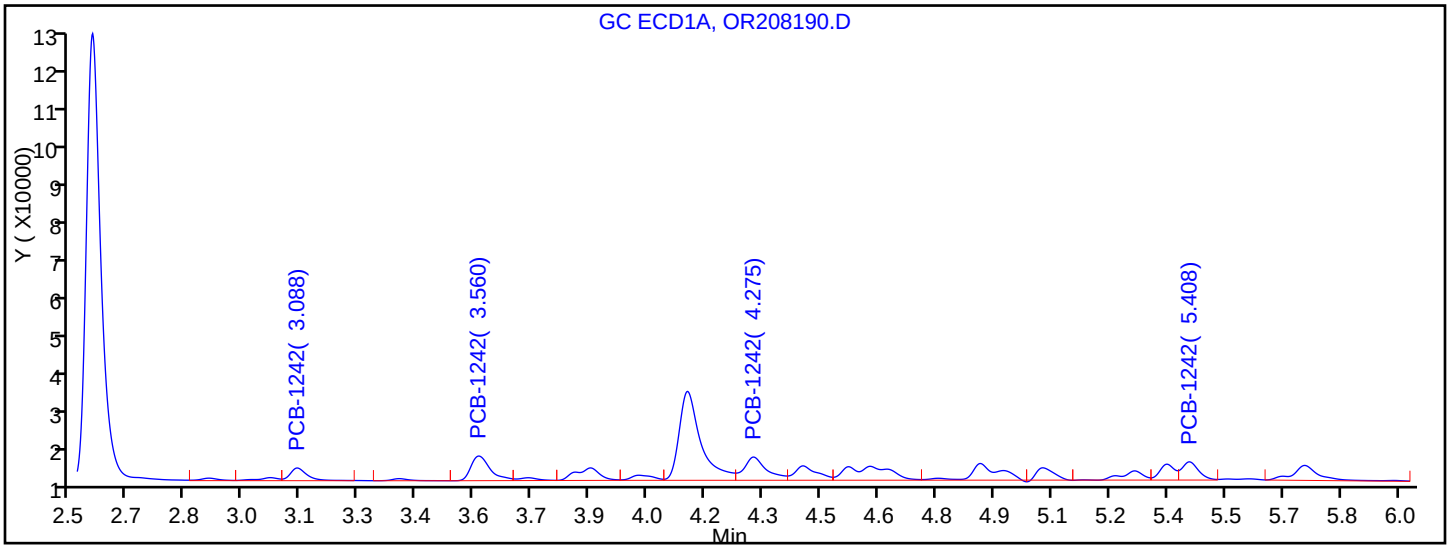
Injection Date:	18-Sep-2013 02:18:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-15SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	64
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.088	Response = 10804	M
RT = 3.560	Response = 26453	M
RT = 4.103	Response = 91272	
RT = 4.275	Response = 26344	M
RT = 5.350	Response = 28041	M



Manual Integration Results

RT = 3.088	Response = 9940	M
RT = 3.560	Response = 21843	M
RT = 0.000	Response = 0	
RT = 4.275	Response = 24076	M
RT = 5.408	Response = 13851	M

Reviewer: patelji, 18-Sep-2013 11:12:42

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-WT | Lab Sample ID: 460-62993-31

Matrix: Solid | Lab File ID: OR208190.D

Analysis Method: 8082 | Date Collected: 09/13/2013 11:50

Extraction Method: 3546 | Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.03(g) | Date Analyzed: 09/18/2013 02:18

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	77	17
11104-28-2	Aroclor 1221	17	U	77	17
11141-16-5	Aroclor 1232	17	U	77	17
53469-21-9	Aroclor 1242	61	J	77	17
12672-29-6	Aroclor 1248	17	U	77	17
11097-69-1	Aroclor 1254	22	U	77	22
11096-82-5	Aroclor 1260	22	U	77	22
37324-23-5	Aroclor 1262	22	U	77	22
11100-14-4	Aroclor 1268	22	U	77	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208190.D
Lims ID: 460-62993-E-31-A Client ID: PMP-15SE-WT
Inject. Date: 18-Sep-2013 02:18:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-0004712-064
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 64
Lims Batch ID: 181811 Lims Sample ID: 64
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m
Last Update: 18-Sep-2013 11:45:40 Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji Date: 18-Sep-2013 11:12:42

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.088	3.088	0.0	9940	67.7	M
1	3.560	3.562	-0.002	21843	75.7	M
1	0.0	4.105	-4.105	0	0	
1	4.275	4.277	-0.002	24076	106.8	M
1	5.408	5.412	-0.004	13851	63.8	M
		Average of Peak Amounts =			78.5	
2	2.345	2.343	0.002	12881	59.5	M
2	2.670	2.670	0.0	25854	79.1	
2	0.0	3.123	-3.123	0	0	
2	3.265	3.265	0.0	25340	94.7	M
2	3.703	3.703	0.0	25892	86.1	
		Average of Peak Amounts =			79.9	
					RPD = 1.73	
$ 5 DCB Decachlorobiphenyl						
1	10.703	10.710	-0.007	187184	48.0	
2	9.370	9.377	-0.007	325034	46.1	
					RPD = 4.07	

QC Flag Legend

Review Flags
M - Manually Integrated

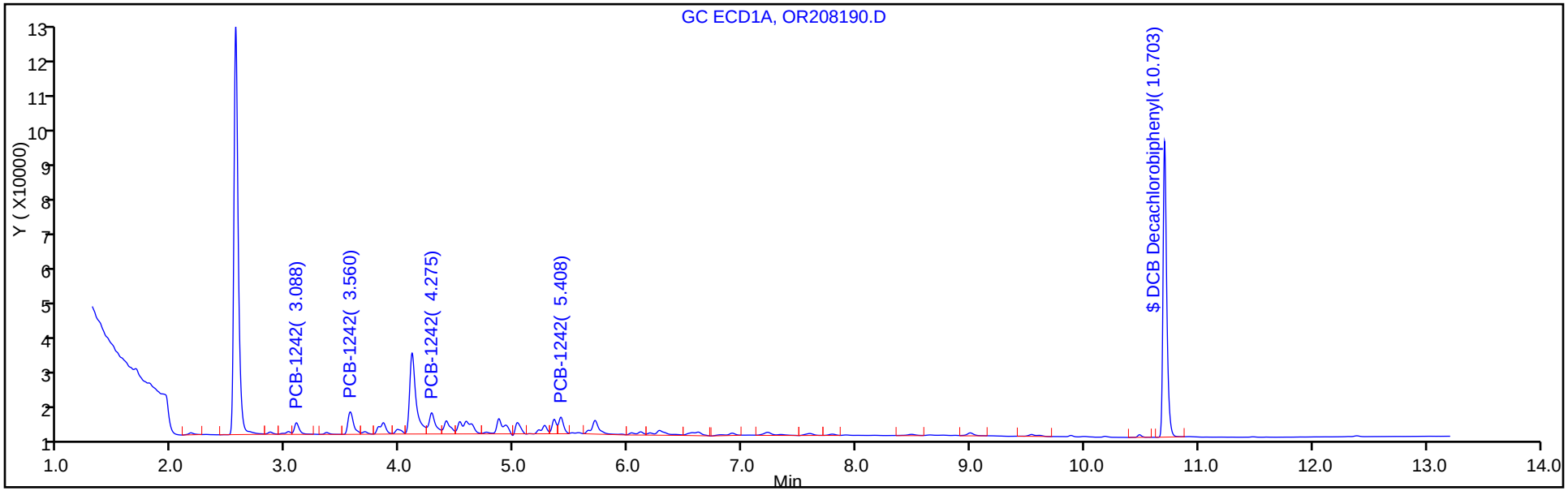
Report Date: 18-Sep-2013 11:46:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

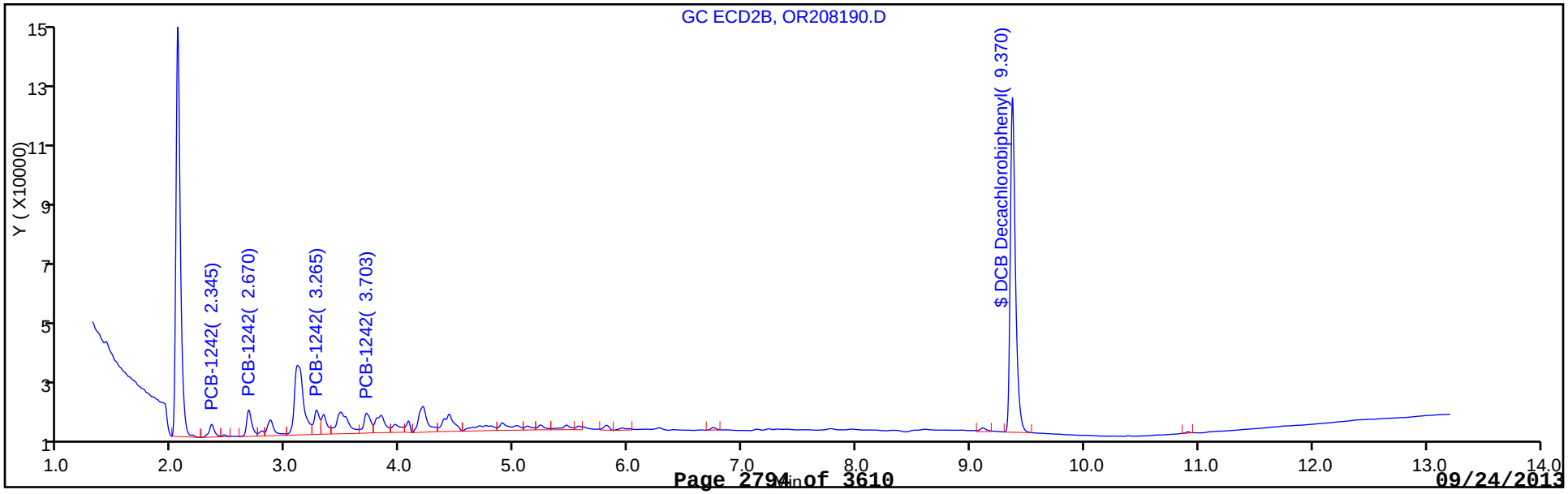
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208190.D

Injection Date:	18-Sep-2013 02:18:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-15SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	64
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



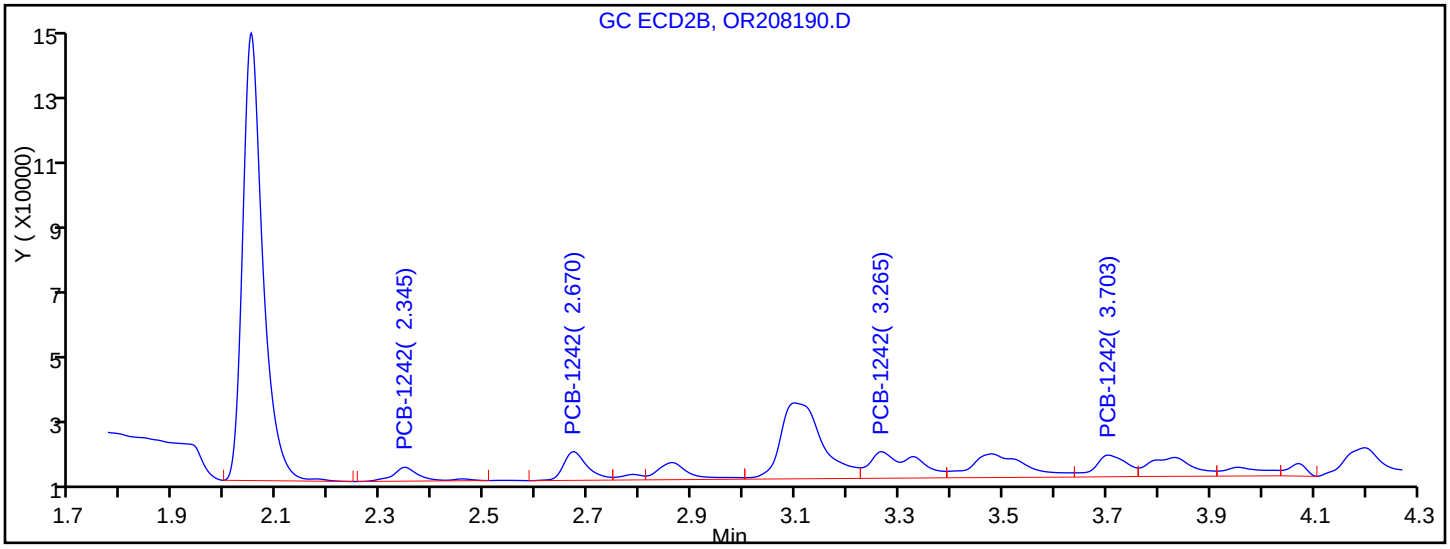
Report Date: 18-Sep-2013 11:46:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208190.D

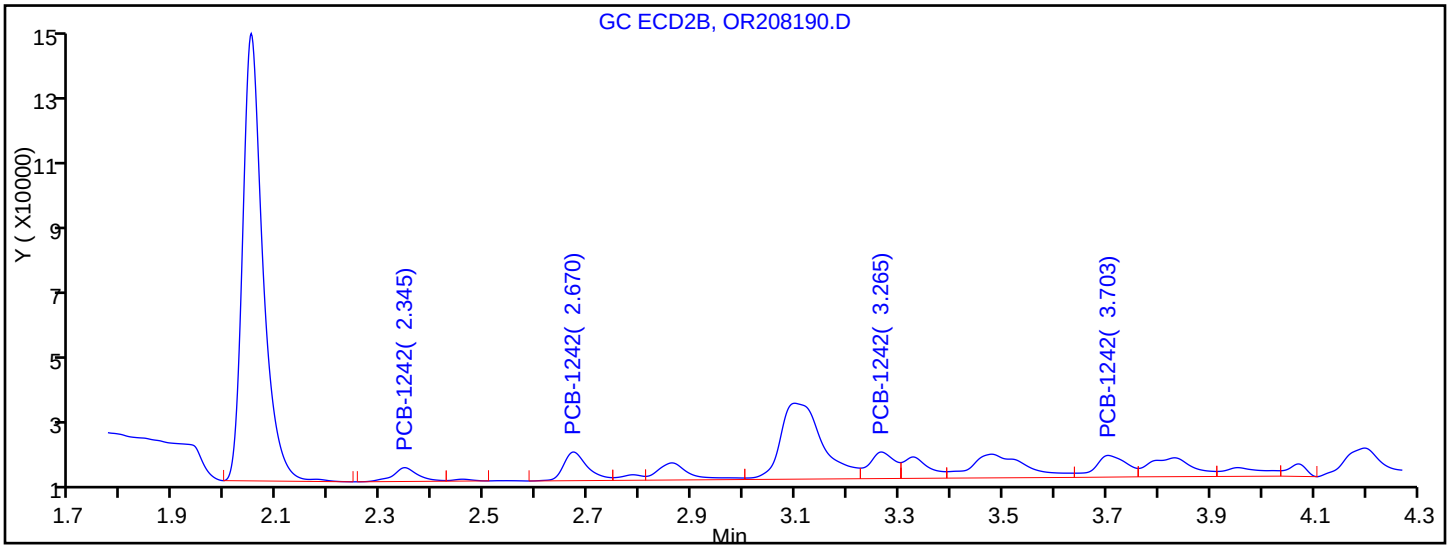
Injection Date:	18-Sep-2013 02:18:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-15SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	64
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.345	Response = 14169	M
RT = 2.670	Response = 25854	
RT = 3.098	Response = 120135	
RT = 3.265	Response = 45756	M
RT = 3.703	Response = 25892	



Manual Integration Results

RT = 2.345	Response = 12881	M
RT = 2.670	Response = 25854	
RT = 0.000	Response = 0	
RT = 3.265	Response = 25340	M
RT = 3.703	Response = 25892	

Reviewer: patelji, 18-Sep-2013 11:12:42

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SI Lab Sample ID: 460-62993-32

Matrix: Solid Lab File ID: OR208191.D

Analysis Method: 8082 Date Collected: 09/13/2013 11:55

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.04(g) Date Analyzed: 09/18/2013 02:34

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208191.D		
Lims ID:	460-62993-E-32-A	Client ID:	PMP-15SE-SI
Inject. Date:	18-Sep-2013 02:34:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-065		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	65
Lims Batch ID:	181811	Lims Sample ID:	65
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:13:26

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	3.087	3.088	-0.001	16376	111.5	
1	3.558	3.562	-0.004	35468	123.0	M
1	0.0	4.105	-4.105	0	0	
1	4.273	4.277	-0.004	33276	147.7	M
1	5.407	5.412	-0.005	20897	96.2	M
		Average of Peak Amounts =			119.6	
2	2.342	2.343	-0.001	23498	108.6	M
2	2.668	2.670	-0.002	40236	123.1	
2	0.0	3.123	-3.123	0	0	
2	3.263	3.265	-0.002	37432	139.9	M
2	3.702	3.703	-0.001	34807	115.8	
		Average of Peak Amounts =			121.8	
					RPD = 1.88	
$ 5 DCB Decachlorobiphenyl						
1	10.700	10.710	-0.010	185295	47.5	
2	9.368	9.377	-0.009	324676	46.0	
					RPD = 3.17	

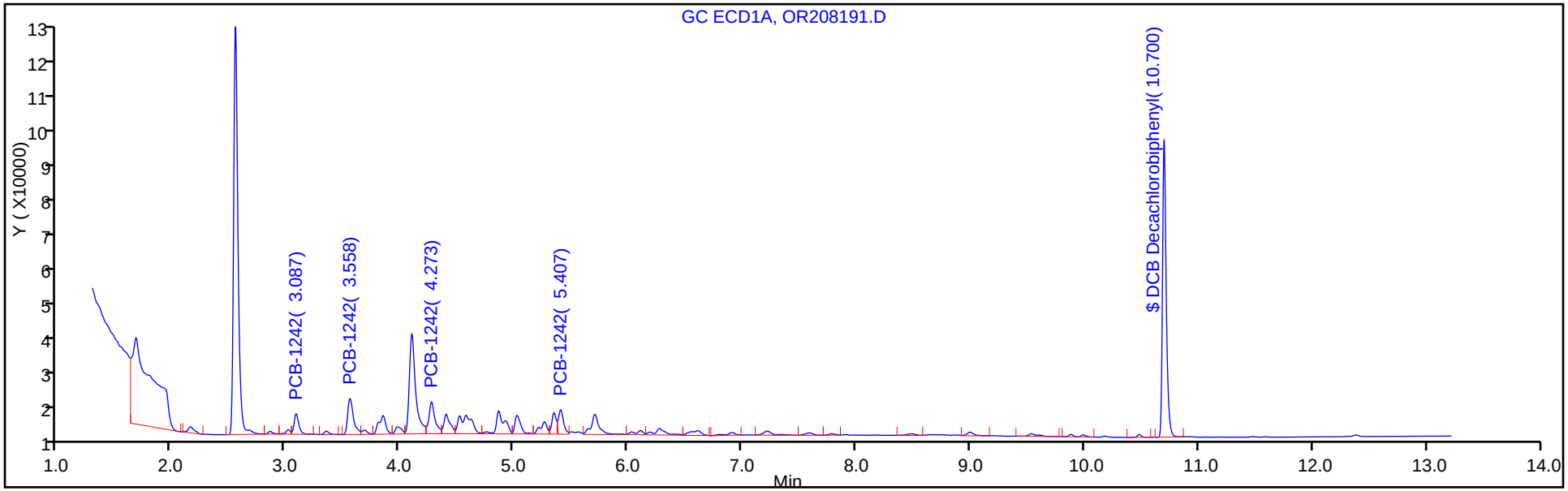
Report Date: 18-Sep-2013 11:46:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

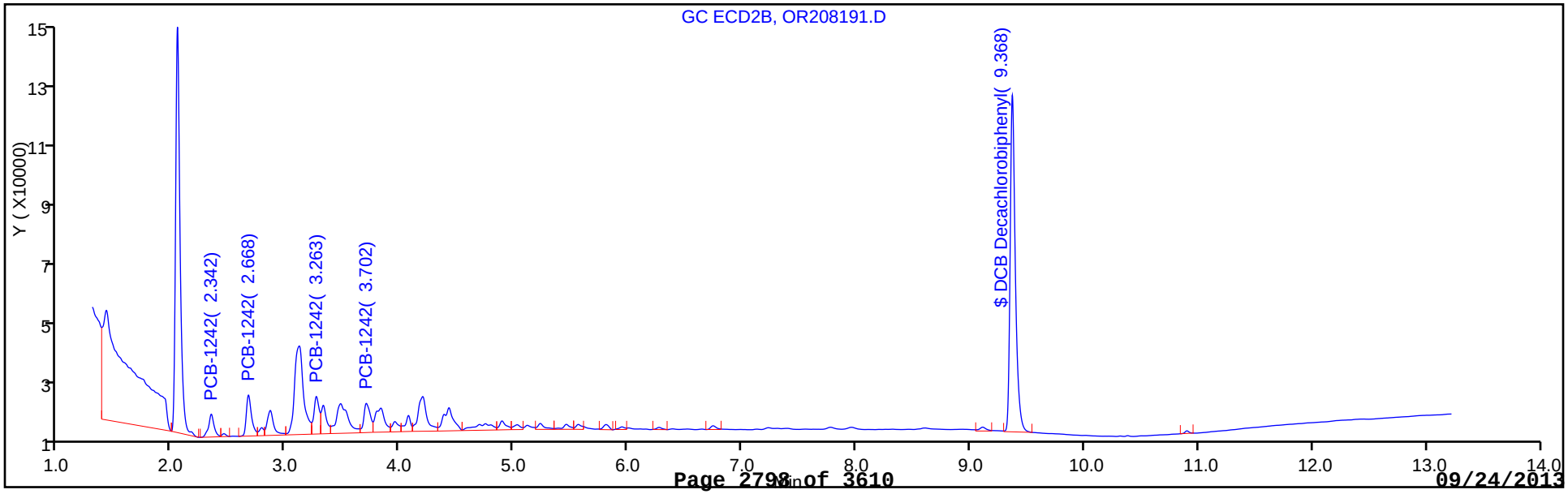
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208191.D

Injection Date:	18-Sep-2013 02:34:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-15SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	65
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SI | Lab Sample ID: 460-62993-32

Matrix: Solid | Lab File ID: OR208191.D

Analysis Method: 8082 | Date Collected: 09/13/2013 11:55

Extraction Method: 3546 | Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.04(g) | Date Analyzed: 09/18/2013 02:34

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	18	U	78	18
11104-28-2	Aroclor 1221	18	U	78	18
11141-16-5	Aroclor 1232	18	U	78	18
53469-21-9	Aroclor 1242	95		78	18
12672-29-6	Aroclor 1248	18	U	78	18
11097-69-1	Aroclor 1254	22	U	78	22
11096-82-5	Aroclor 1260	22	U	78	22
37324-23-5	Aroclor 1262	22	U	78	22
11100-14-4	Aroclor 1268	22	U	78	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208191.D		
Lims ID:	460-62993-E-32-A	Client ID:	PMP-15SE-SI
Inject. Date:	18-Sep-2013 02:34:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-065		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	65
Lims Batch ID:	181811	Lims Sample ID:	65
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:13:26

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	3.087	3.088	-0.001	16376	111.5	
1	3.558	3.562	-0.004	35468	123.0	M
1	0.0	4.105	-4.105	0	0	
1	4.273	4.277	-0.004	33276	147.7	M
1	5.407	5.412	-0.005	20897	96.2	M
		Average of Peak Amounts =			119.6	
2	2.342	2.343	-0.001	23498	108.6	M
2	2.668	2.670	-0.002	40236	123.1	
2	0.0	3.123	-3.123	0	0	
2	3.263	3.265	-0.002	37432	139.9	M
2	3.702	3.703	-0.001	34807	115.8	
		Average of Peak Amounts =			121.8	
					RPD = 1.88	
$ 5 DCB Decachlorobiphenyl						
1	10.700	10.710	-0.010	185295	47.5	
2	9.368	9.377	-0.009	324676	46.0	
					RPD = 3.17	

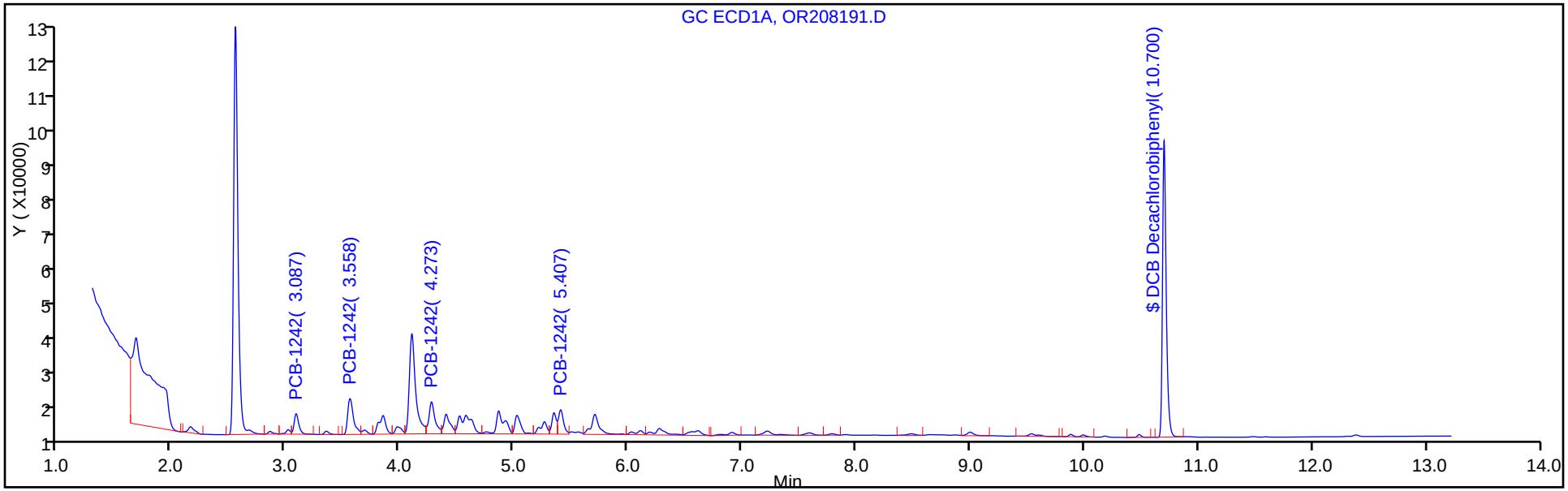
Report Date: 18-Sep-2013 11:46:48 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

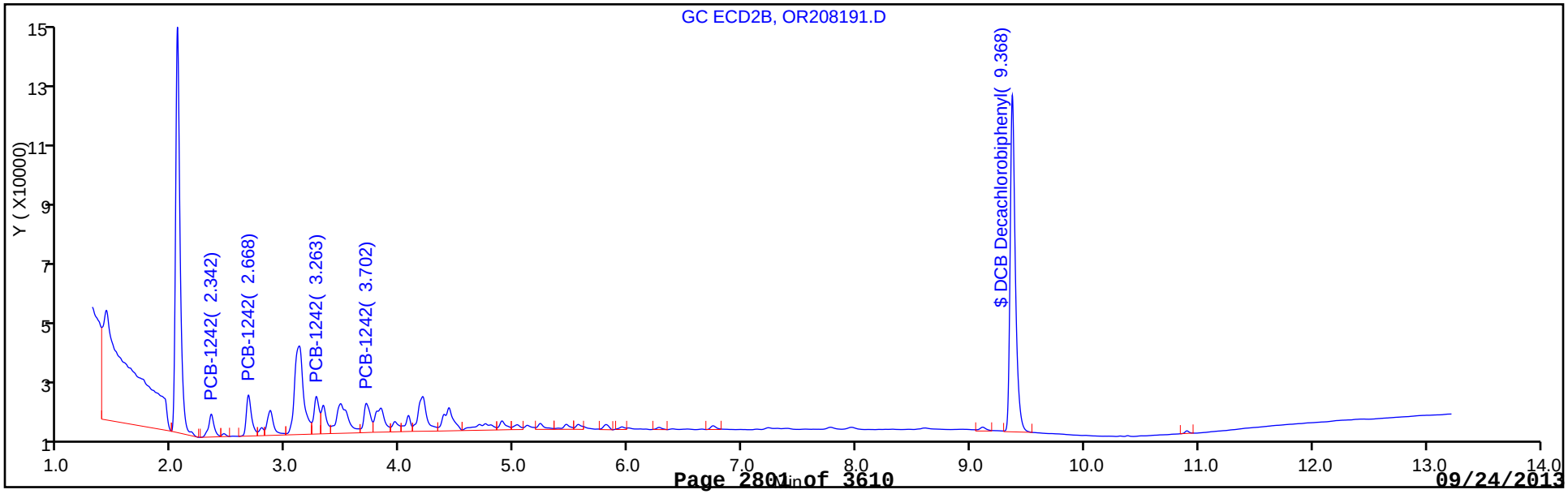
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208191.D

Injection Date:	18-Sep-2013 02:34:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-15SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	65
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SD Lab Sample ID: 460-62993-33

Matrix: Solid Lab File ID: OR208192.D

Analysis Method: 8082 Date Collected: 09/13/2013 12:00

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.05(g) Date Analyzed: 09/18/2013 02:50

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 16.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208192.D		
Lims ID:	460-62993-E-33-A	Client ID:	PMP-15SE-SD
Inject. Date:	18-Sep-2013 02:50:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-066		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	66
Lims Batch ID:	181811	Lims Sample ID:	66
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:14:00

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.087	3.088	-0.001	24547	167.1	
1	3.558	3.562	-0.004	54442	188.7	M
1	0.0	4.105	-4.105	0	0	
1	4.273	4.277	-0.004	49210	218.4	
1	5.407	5.412	-0.005	33049	152.1	M
		Average of Peak Amounts =			181.6	
2	2.343	2.343	0.0	34563	159.7	
2	2.670	2.670	0.0	62217	190.4	
2	0.0	3.123	-3.123	0	0	
2	3.265	3.265	0.0	55538	207.6	M
2	3.703	3.703	0.0	52222	173.7	
		Average of Peak Amounts =			182.8	
					RPD = 0.69	
$ 5 DCB Decachlorobiphenyl						
1	10.702	10.710	-0.008	192243	49.3	
2	9.368	9.377	-0.009	330140	46.8	
					RPD = 5.18	

QC Flag Legend

Review Flags
M - Manually Integrated

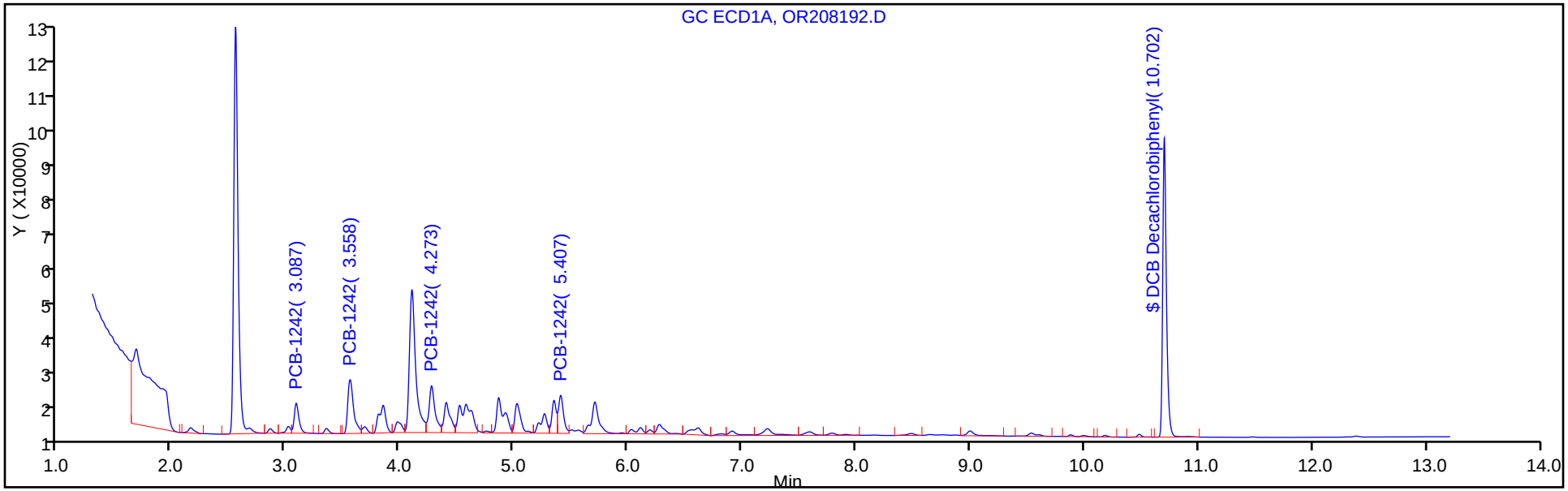
Report Date: 18-Sep-2013 11:46:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

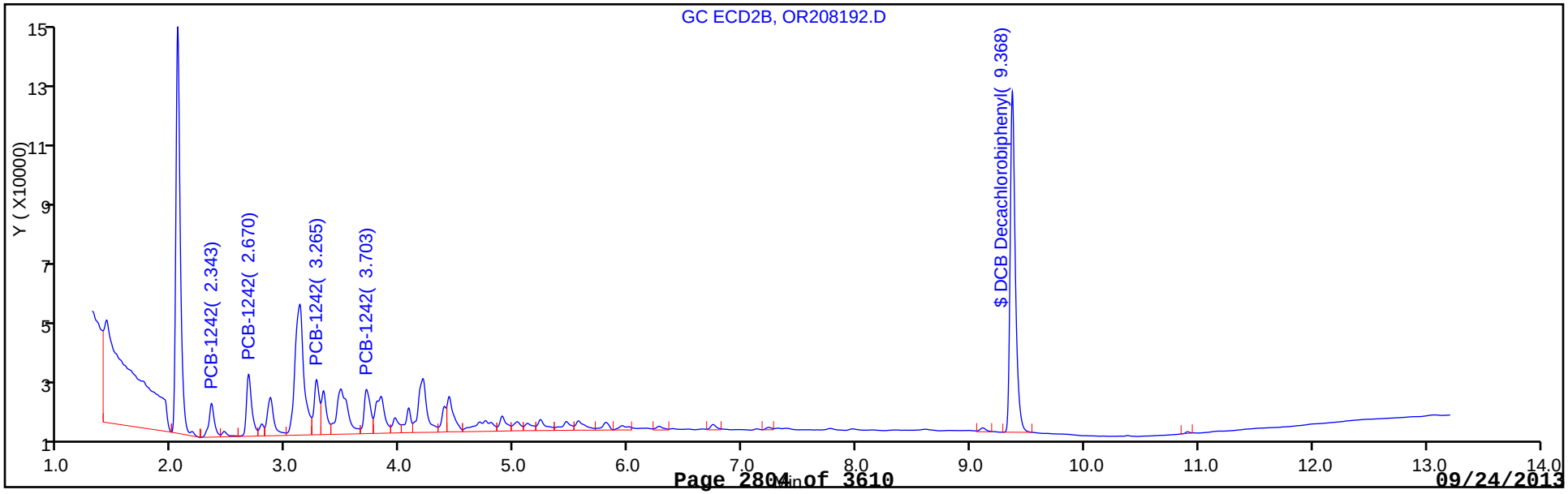
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208192.D

Injection Date:	18-Sep-2013 02:50:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-15SE-SD	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	66
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



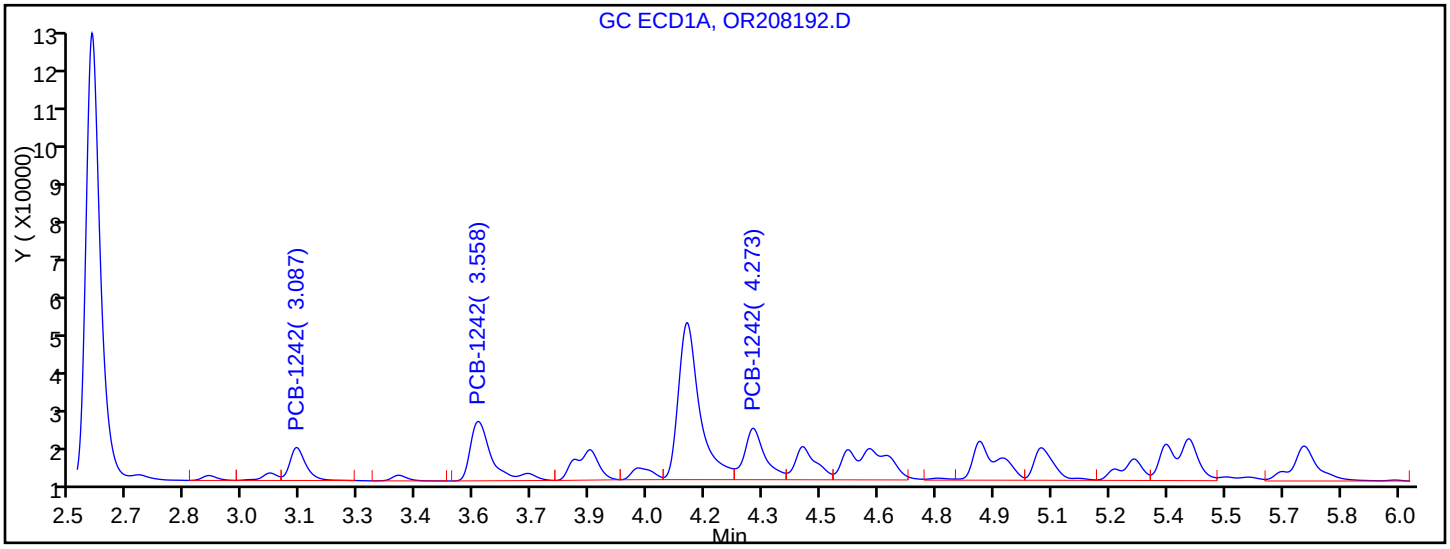
Report Date: 18-Sep-2013 11:46:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208192.D

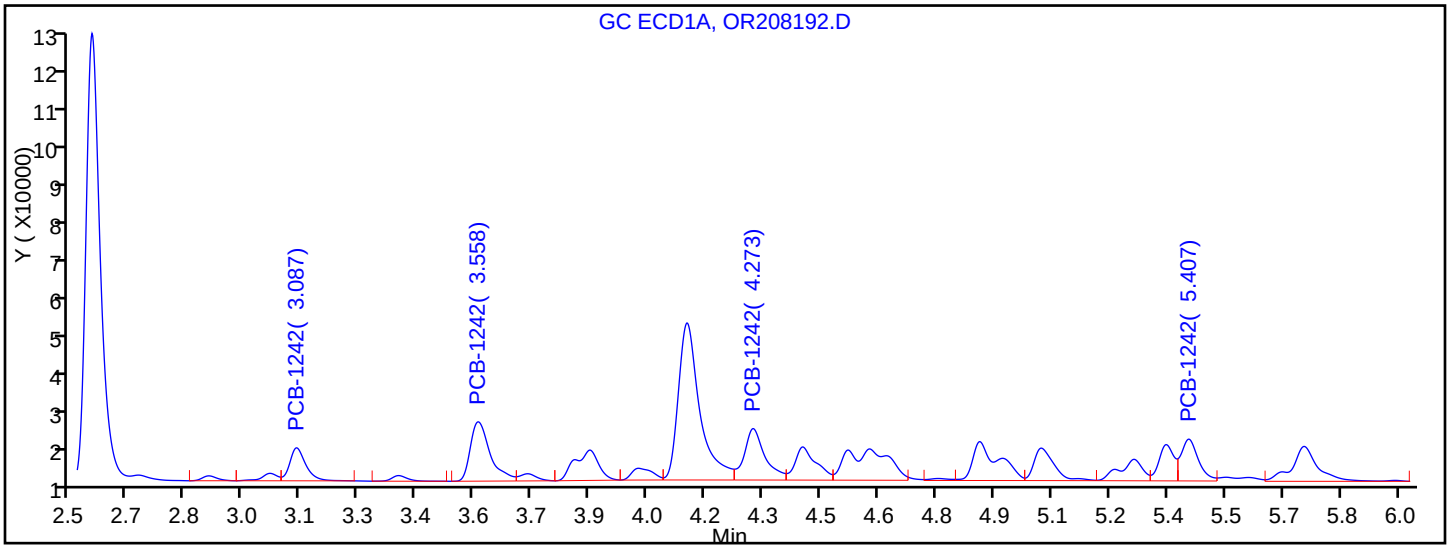
Injection Date:	18-Sep-2013 02:50:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-15SE-SD	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	66
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.087	Response = 24547	
RT = 3.558	Response = 59987	M
RT = 4.102	Response = 156767	
RT = 4.273	Response = 49210	
RT = 5.348	Response = 58609	M



Manual Integration Results

RT = 3.087	Response = 24547	
RT = 3.558	Response = 54442	M
RT = 0.000	Response = 0	
RT = 4.273	Response = 49210	
RT = 5.407	Response = 33049	M

Reviewer: patelji, 18-Sep-2013 11:14:00

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SD | Lab Sample ID: 460-62993-33

Matrix: Solid | Lab File ID: OR208192.D

Analysis Method: 8082 | Date Collected: 09/13/2013 12:00

Extraction Method: 3546 | Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.05(g) | Date Analyzed: 09/18/2013 02:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 16.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	18	U	80	18
11104-28-2	Aroclor 1221	18	U	80	18
11141-16-5	Aroclor 1232	18	U	80	18
53469-21-9	Aroclor 1242	150		80	18
12672-29-6	Aroclor 1248	18	U	80	18
11097-69-1	Aroclor 1254	23	U	80	23
11096-82-5	Aroclor 1260	23	U	80	23
37324-23-5	Aroclor 1262	23	U	80	23
11100-14-4	Aroclor 1268	23	U	80	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208192.D		
Lims ID:	460-62993-E-33-A	Client ID:	PMP-15SE-SD
Inject. Date:	18-Sep-2013 02:50:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-066		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	66
Lims Batch ID:	181811	Lims Sample ID:	66
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:14:00

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.087	3.088	-0.001	24547	167.1	
1	3.558	3.562	-0.004	54442	188.7	M
1	0.0	4.105	-4.105	0	0	
1	4.273	4.277	-0.004	49210	218.4	
1	5.407	5.412	-0.005	33049	152.1	M
		Average of Peak Amounts =			181.6	
2	2.343	2.343	0.0	34563	159.7	
2	2.670	2.670	0.0	62217	190.4	
2	0.0	3.123	-3.123	0	0	
2	3.265	3.265	0.0	55538	207.6	M
2	3.703	3.703	0.0	52222	173.7	
		Average of Peak Amounts =			182.8	
					RPD = 0.69	
$ 5 DCB Decachlorobiphenyl						
1	10.702	10.710	-0.008	192243	49.3	
2	9.368	9.377	-0.009	330140	46.8	
					RPD = 5.18	

QC Flag Legend

Review Flags
M - Manually Integrated

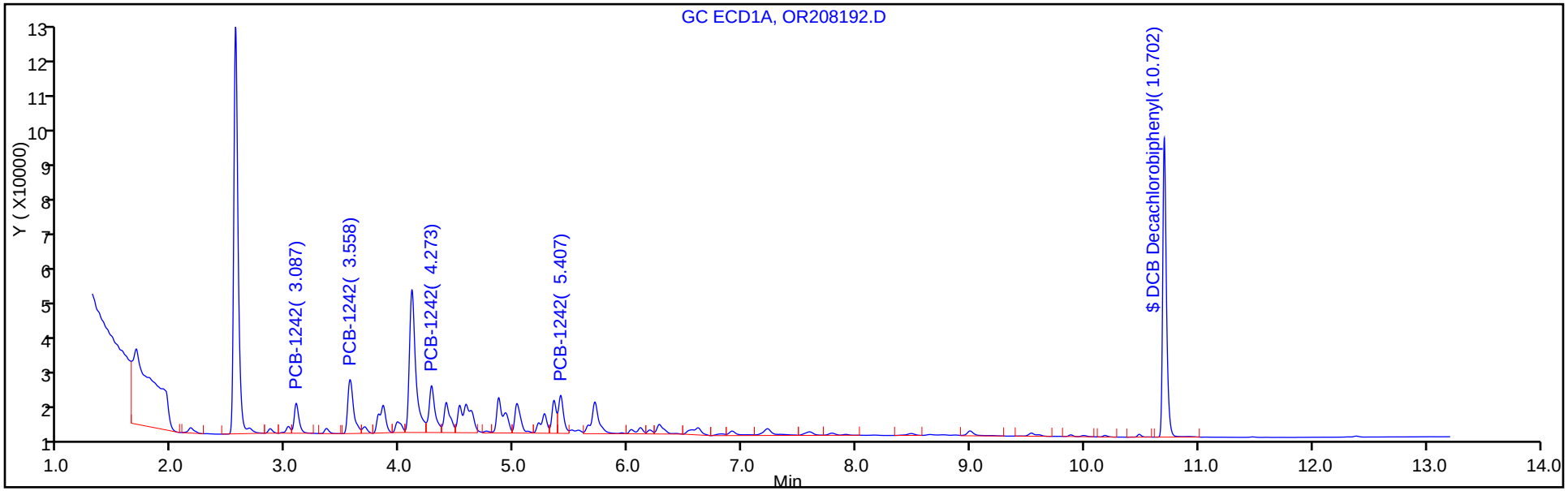
Report Date: 18-Sep-2013 11:46:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

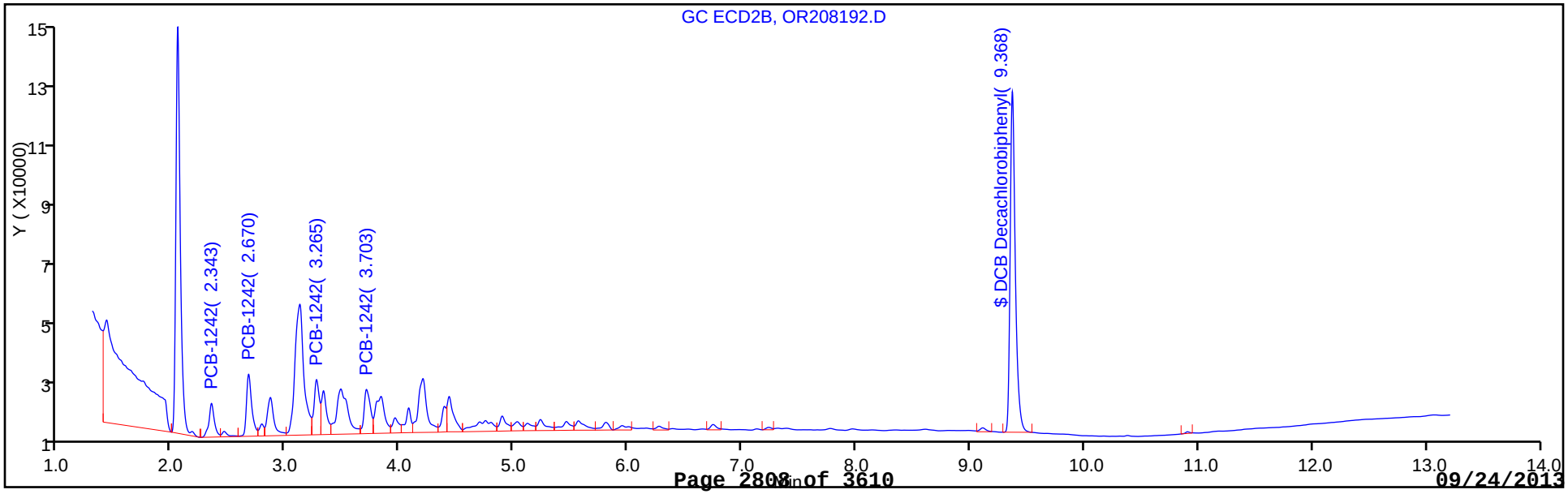
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208192.D

Injection Date:	18-Sep-2013 02:50:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-15SE-SD	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	66
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



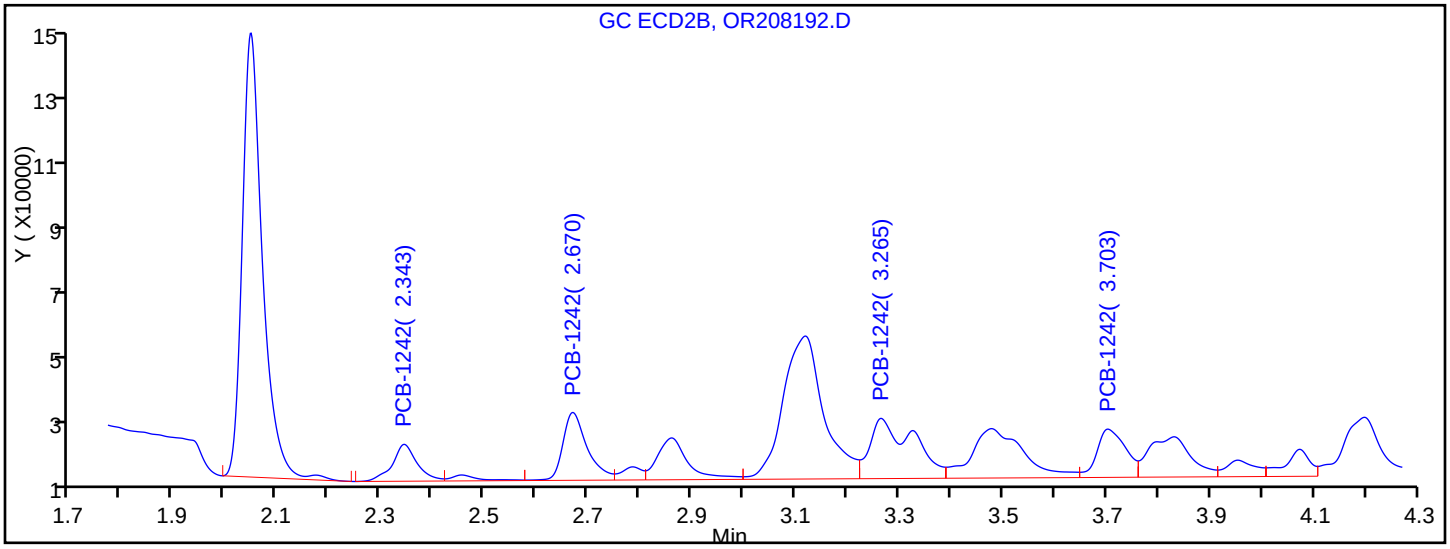
Report Date: 18-Sep-2013 11:46:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208192.D

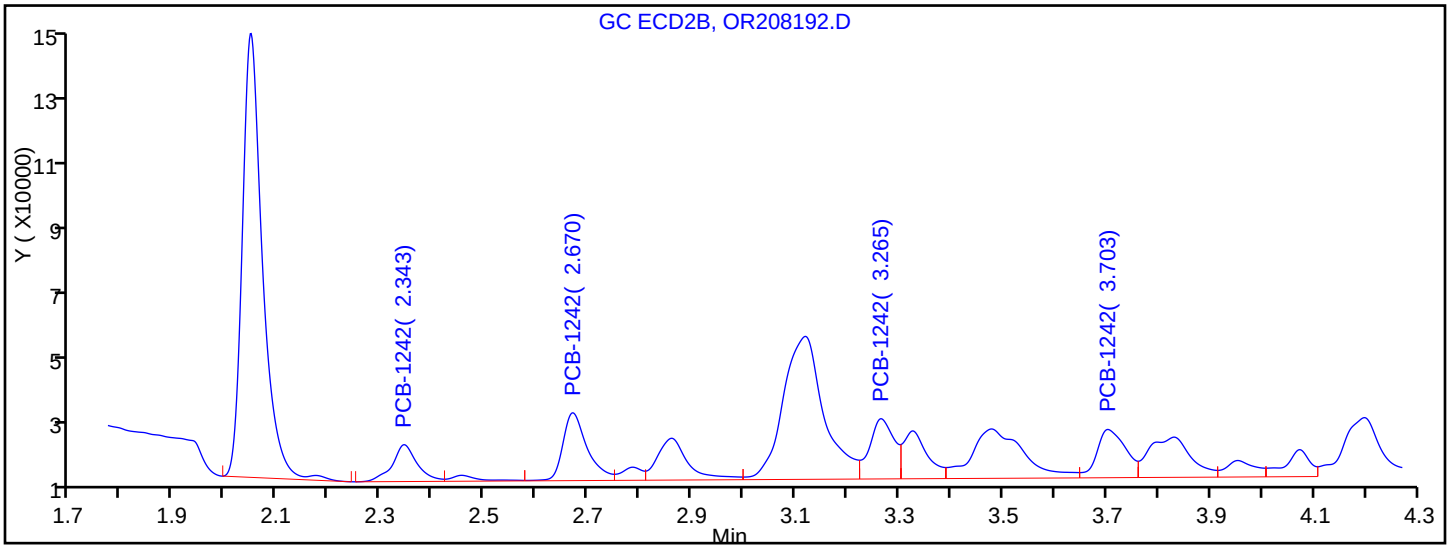
Injection Date:	18-Sep-2013 02:50:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-15SE-SD	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	66
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.343	Response = 34563	
RT = 2.670	Response = 62217	
RT = 3.118	Response = 218565	
RT = 3.265	Response = 97983	M
RT = 3.703	Response = 52222	



Manual Integration Results

RT = 2.343	Response = 34563	
RT = 2.670	Response = 62217	
RT = 0.000	Response = 0	
RT = 3.265	Response = 55538	M
RT = 3.703	Response = 52222	

Reviewer: patelji, 18-Sep-2013 11:14:00

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-VS Lab Sample ID: 460-62993-34

Matrix: Solid Lab File ID: OR208193.D

Analysis Method: 8082 Date Collected: 09/13/2013 12:45

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.02(g) Date Analyzed: 09/18/2013 03:07

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208193.D		
Lims ID:	460-62993-E-34-A	Client ID:	PMP-31SE-VS
Inject. Date:	18-Sep-2013 03:07:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-067		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	67
Lims Batch ID:	181811	Lims Sample ID:	67
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:14:13

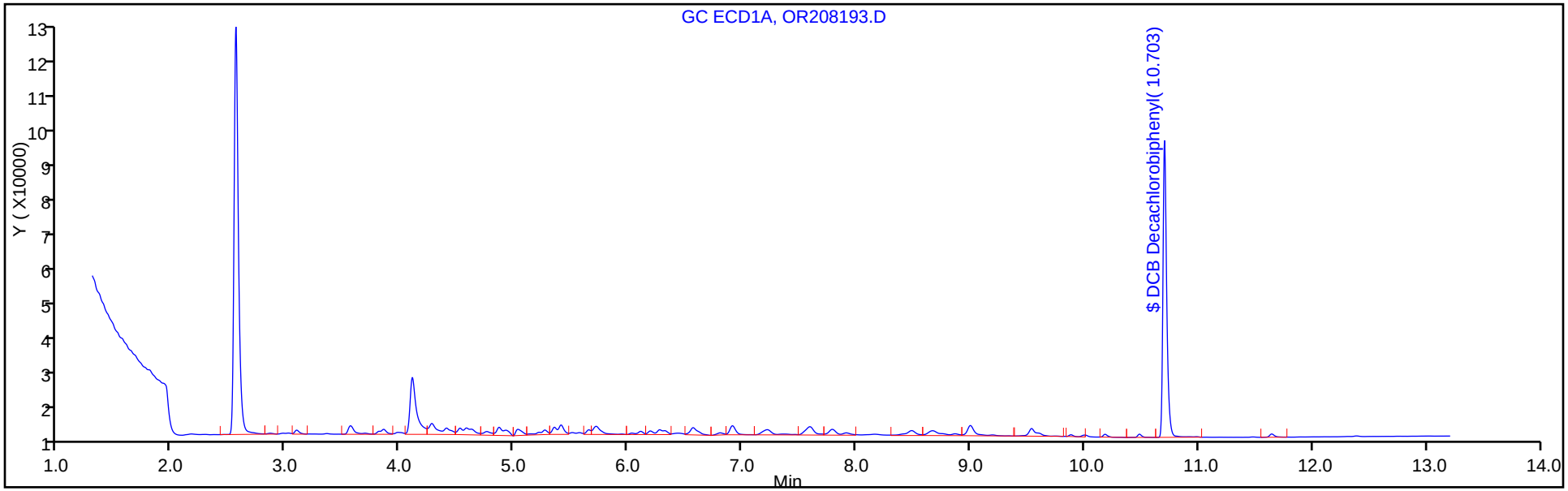
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.703	10.710	-0.007	181905	46.7	
2	9.370	9.377	-0.007	312134	44.3	
					RPD = 5.26	

Report Date: 18-Sep-2013 11:46:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

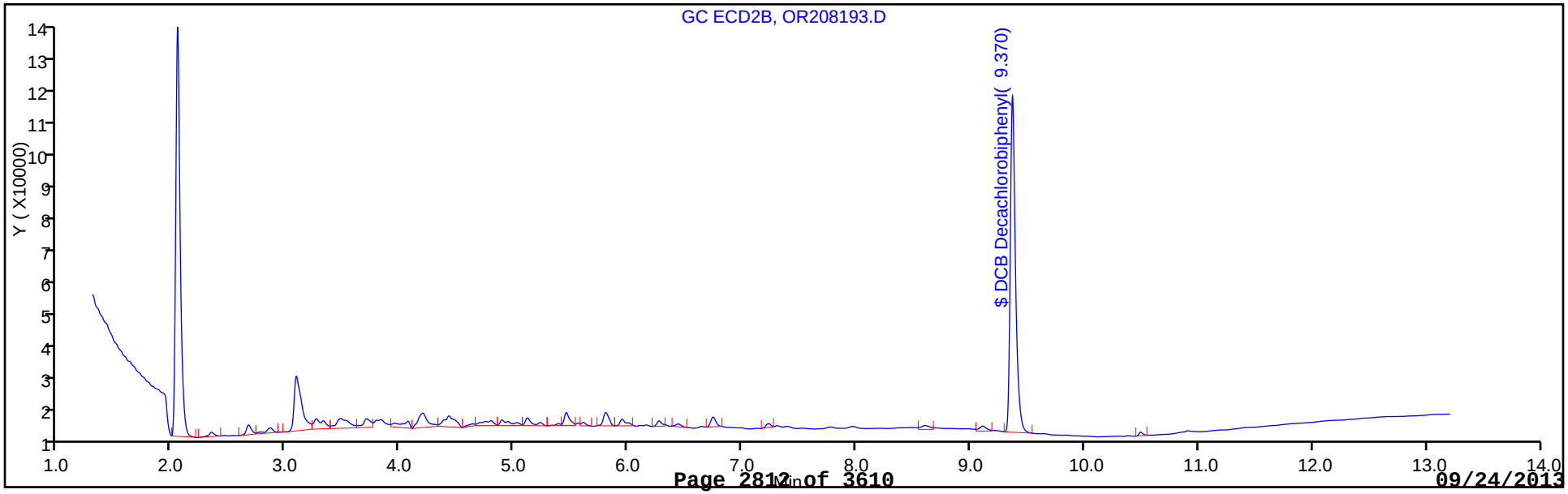
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208193.D		
Injection Date:	18-Sep-2013 03:07:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-31SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	67
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-VS | Lab Sample ID: 460-62993-34

Matrix: Solid | Lab File ID: OR208193.D

Analysis Method: 8082 | Date Collected: 09/13/2013 12:45

Extraction Method: 3546 | Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.02(g) | Date Analyzed: 09/18/2013 03:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	70	16
11104-28-2	Aroclor 1221	16	U	70	16
11141-16-5	Aroclor 1232	16	U	70	16
53469-21-9	Aroclor 1242	16	U	70	16
12672-29-6	Aroclor 1248	16	U	70	16
11097-69-1	Aroclor 1254	20	U	70	20
11096-82-5	Aroclor 1260	20	U	70	20
37324-23-5	Aroclor 1262	20	U	70	20
11100-14-4	Aroclor 1268	20	U	70	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208193.D		
Lims ID:	460-62993-E-34-A	Client ID:	PMP-31SE-VS
Inject. Date:	18-Sep-2013 03:07:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-067		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	67
Lims Batch ID:	181811	Lims Sample ID:	67
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:14:13

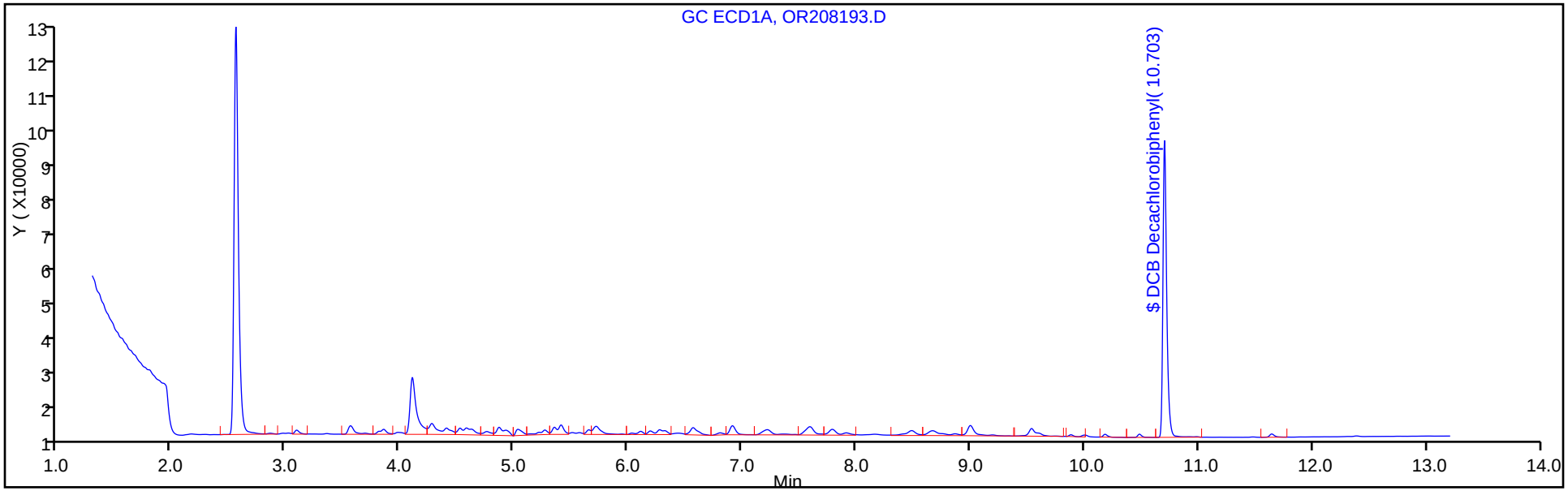
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.703	10.710	-0.007	181905	46.7	
2	9.370	9.377	-0.007	312134	44.3	
					RPD = 5.26	

Report Date: 18-Sep-2013 11:46:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

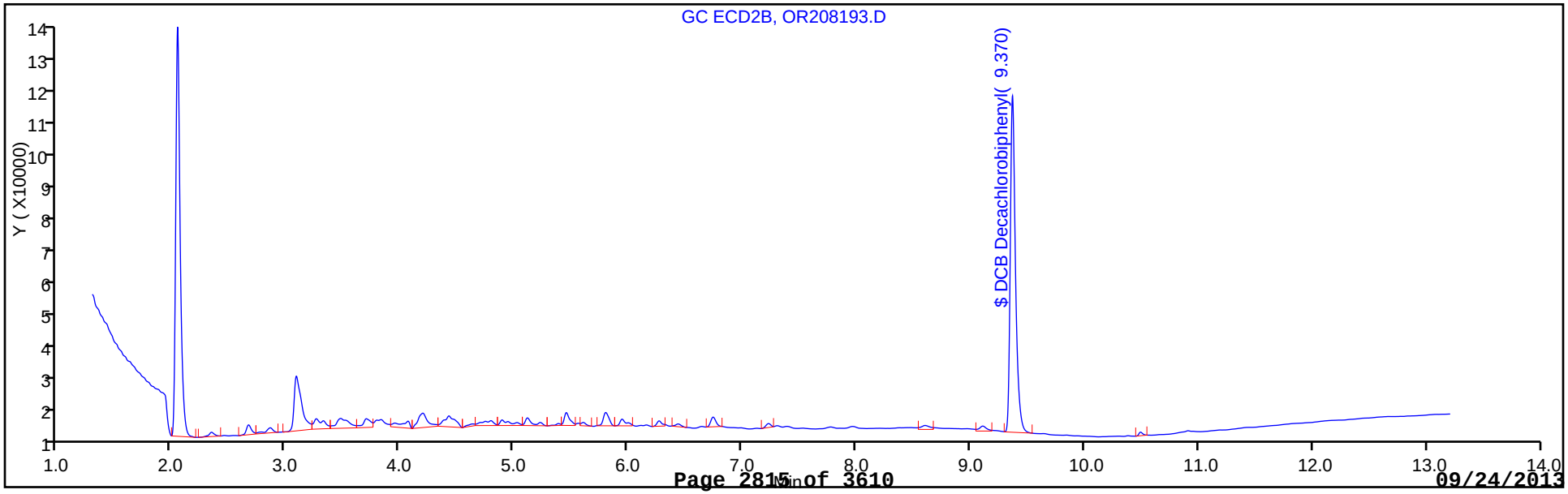
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208193.D		
Injection Date:	18-Sep-2013 03:07:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-31SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	67
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-VD Lab Sample ID: 460-62993-35

Matrix: Solid Lab File ID: OR208194.D

Analysis Method: 8082 Date Collected: 09/13/2013 12:50

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 03:24

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208194.D		
Lims ID:	460-62993-E-35-A	Client ID:	PMP-31SE-VD
Inject. Date:	18-Sep-2013 03:24:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-068		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	68
Lims Batch ID:	181811	Lims Sample ID:	68
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:14:24

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.700	10.710	-0.010	195224	50.1	
2	9.370	9.377	-0.007	337291	47.8	
					RPD = 4.58	

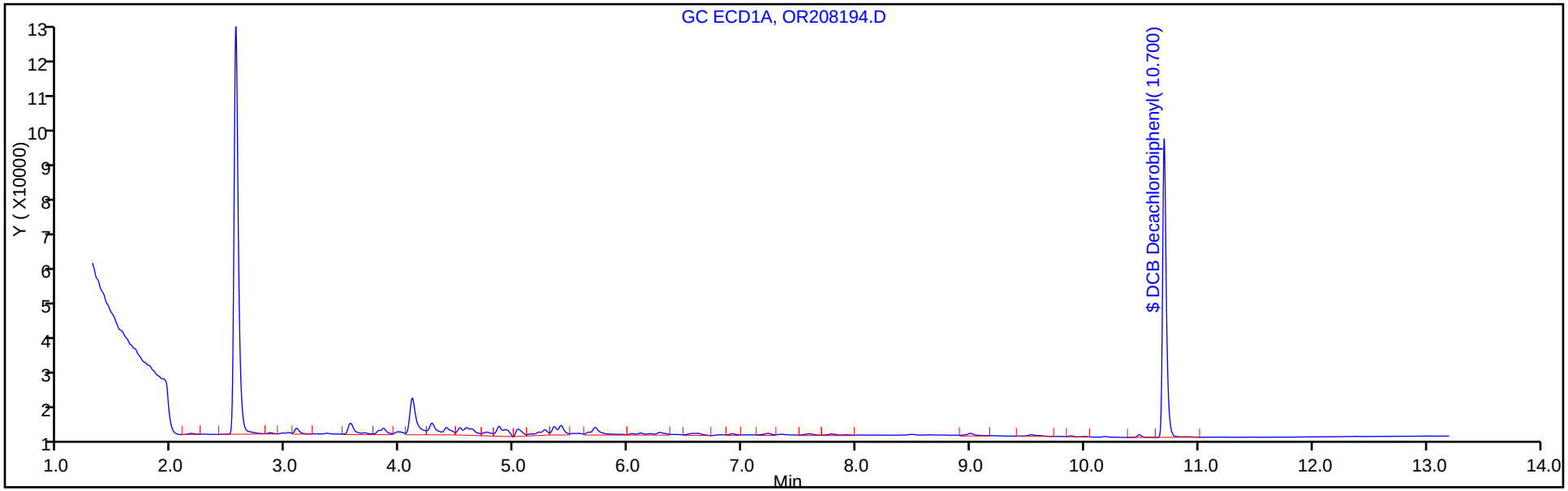
Report Date: 18-Sep-2013 11:46:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

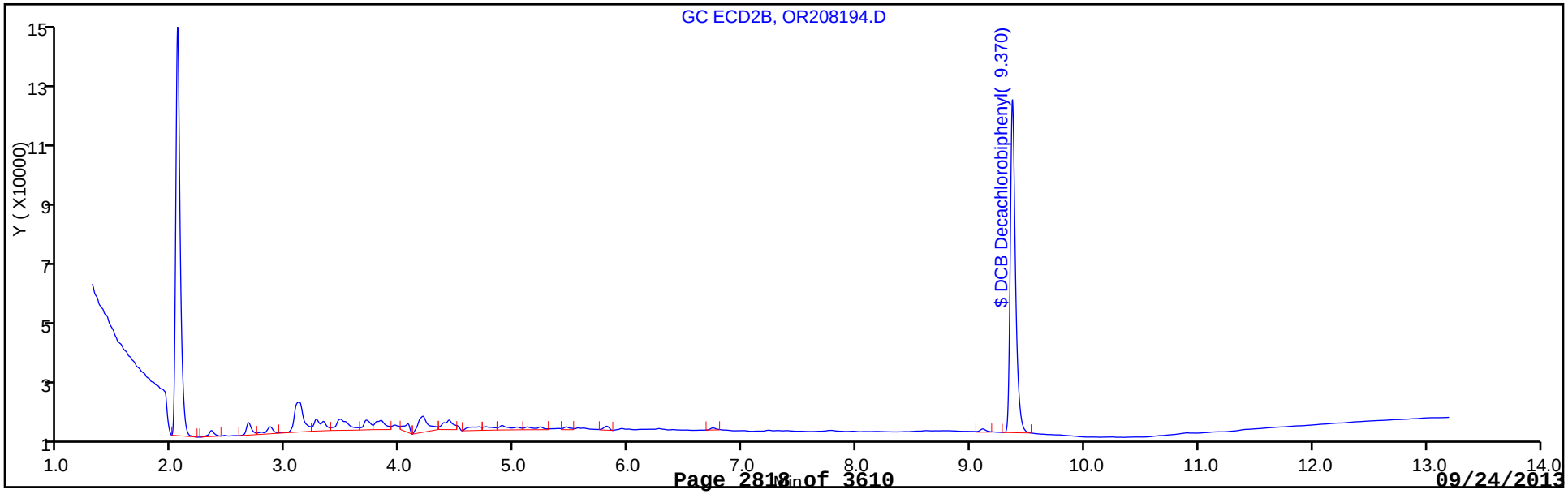
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208194.D

Injection Date:	18-Sep-2013 03:24:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-31SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	68
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-VD Lab Sample ID: 460-62993-35

Matrix: Solid Lab File ID: OR208194.D

Analysis Method: 8082 Date Collected: 09/13/2013 12:50

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 03:24

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	71	16
11104-28-2	Aroclor 1221	16	U	71	16
11141-16-5	Aroclor 1232	16	U	71	16
53469-21-9	Aroclor 1242	16	U	71	16
12672-29-6	Aroclor 1248	16	U	71	16
11097-69-1	Aroclor 1254	20	U	71	20
11096-82-5	Aroclor 1260	20	U	71	20
37324-23-5	Aroclor 1262	20	U	71	20
11100-14-4	Aroclor 1268	20	U	71	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208194.D		
Lims ID:	460-62993-E-35-A	Client ID:	PMP-31SE-VD
Inject. Date:	18-Sep-2013 03:24:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-068		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	68
Lims Batch ID:	181811	Lims Sample ID:	68
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		
First Level Reviewer: patelji		Date:	18-Sep-2013 11:14:24

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.700	10.710	-0.010	195224	50.1	
2	9.370	9.377	-0.007	337291	47.8	
					RPD = 4.58	

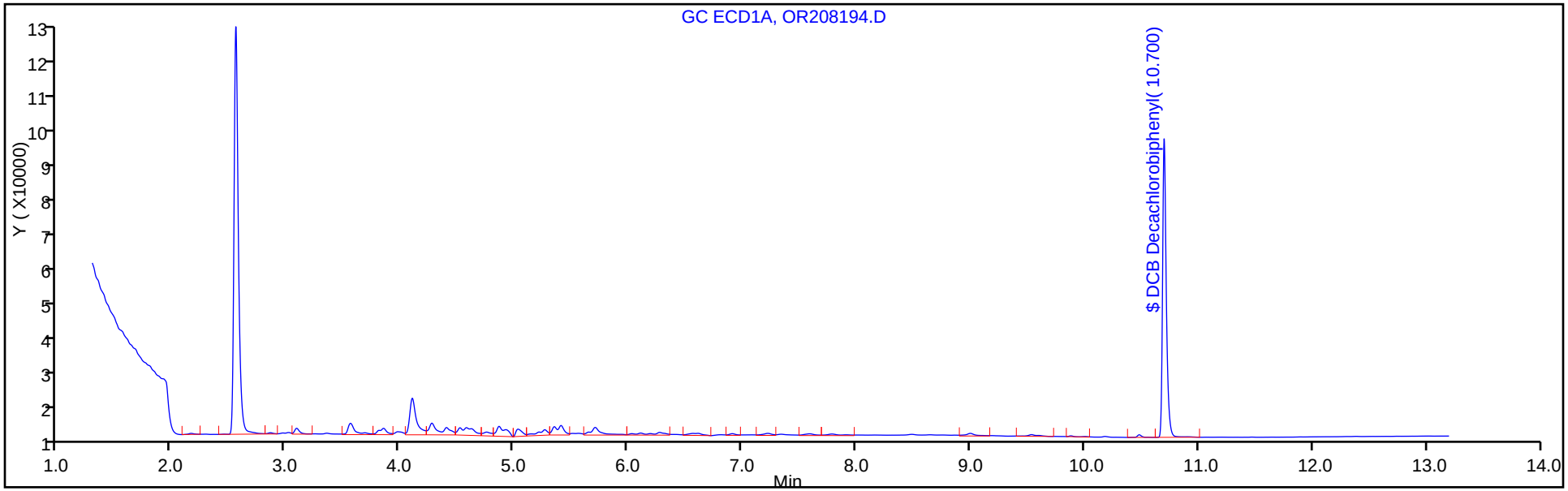
Report Date: 18-Sep-2013 11:46:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

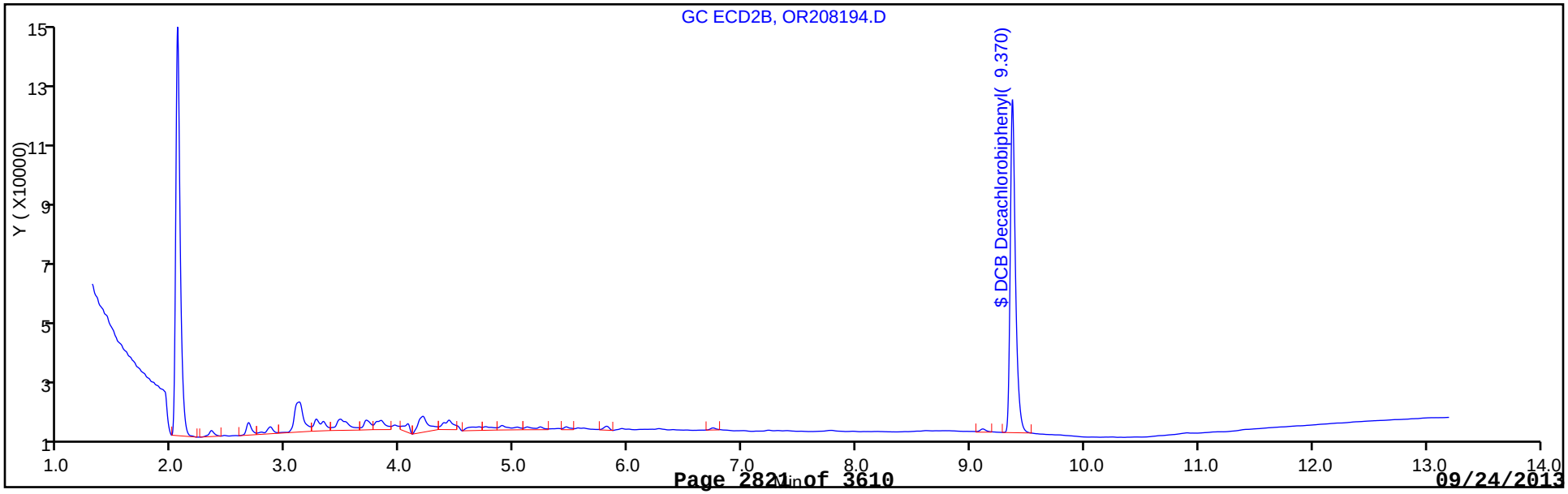
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208194.D

Injection Date:	18-Sep-2013 03:24:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-31SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	68
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-WT Lab Sample ID: 460-62993-36

Matrix: Solid Lab File ID: OR208195.D

Analysis Method: 8082 Date Collected: 09/13/2013 12:55

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.05(g) Date Analyzed: 09/18/2013 03:40

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208195.D		
Lims ID:	460-62993-E-36-A	Client ID:	PMP-31SE-WT
Inject. Date:	18-Sep-2013 03:40:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-069		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	69
Lims Batch ID:	181811	Lims Sample ID:	69
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:14:31

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.698	10.710	-0.012	184610	47.3	
2	9.368	9.377	-0.009	318731	45.2	
					RPD = 4.65	

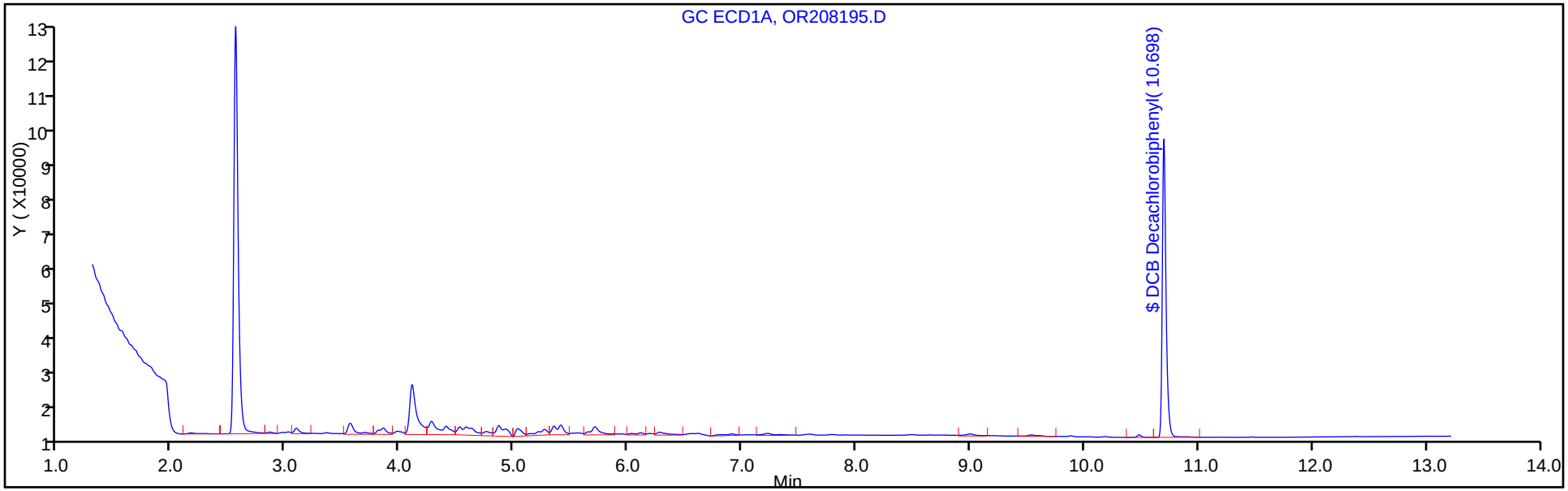
Report Date: 18-Sep-2013 11:46:57 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

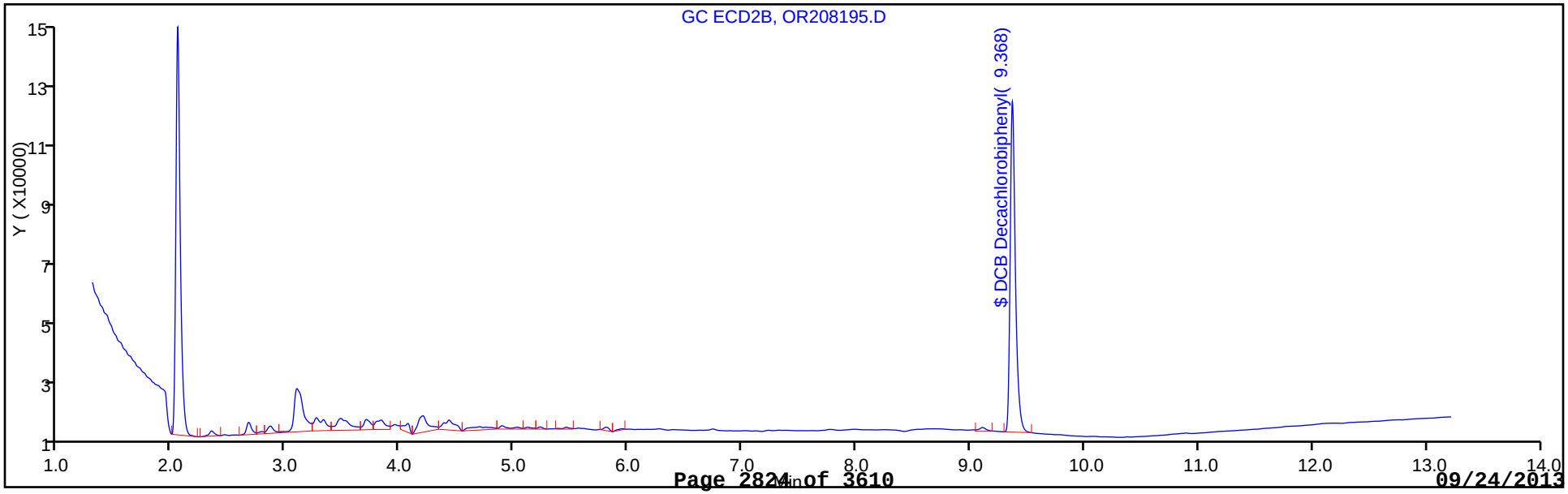
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208195.D

Injection Date:	18-Sep-2013 03:40:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-31SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	69
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-WT | Lab Sample ID: 460-62993-36

Matrix: Solid | Lab File ID: OR208195.D

Analysis Method: 8082 | Date Collected: 09/13/2013 12:55

Extraction Method: 3546 | Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.05(g) | Date Analyzed: 09/18/2013 03:40

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	74	17
11104-28-2	Aroclor 1221	17	U	74	17
11141-16-5	Aroclor 1232	17	U	74	17
53469-21-9	Aroclor 1242	17	U	74	17
12672-29-6	Aroclor 1248	17	U	74	17
11097-69-1	Aroclor 1254	21	U	74	21
11096-82-5	Aroclor 1260	21	U	74	21
37324-23-5	Aroclor 1262	21	U	74	21
11100-14-4	Aroclor 1268	21	U	74	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	90		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208195.D		
Lims ID:	460-62993-E-36-A	Client ID:	PMP-31SE-WT
Inject. Date:	18-Sep-2013 03:40:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-069		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	69
Lims Batch ID:	181811	Lims Sample ID:	69
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:14:31

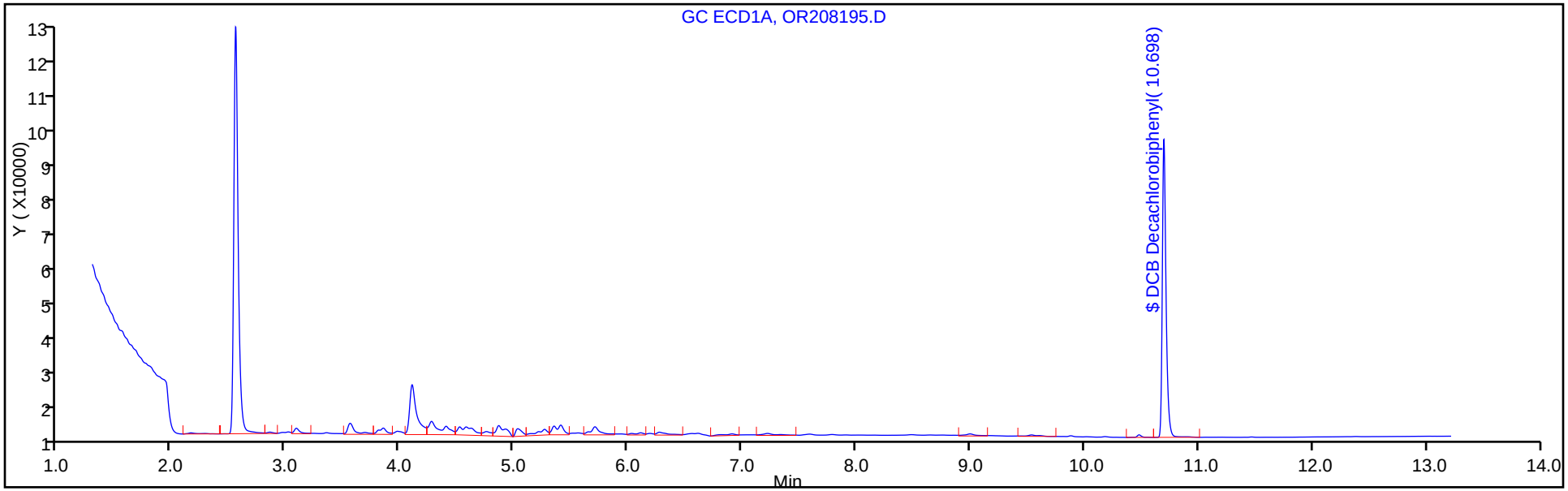
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.698	10.710	-0.012	184610	47.3	
2	9.368	9.377	-0.009	318731	45.2	
					RPD = 4.65	

Report Date: 18-Sep-2013 11:46:57 Chrom Revision: 2.1 25-Jul-2013 20:19:50

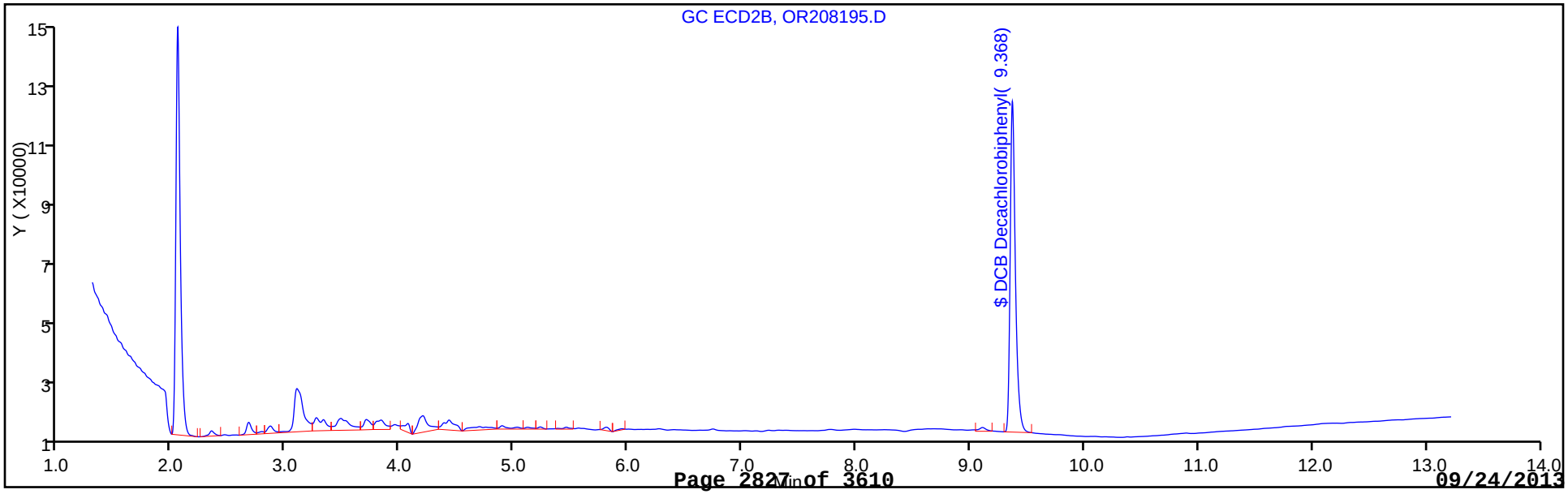
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208195.D		
Injection Date:	18-Sep-2013 03:40:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-31SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	69
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-VS | Lab Sample ID: 460-62993-37

Matrix: Solid | Lab File ID: OR208196.D

Analysis Method: 8082 | Date Collected: 09/13/2013 12:30

Extraction Method: 3546 | Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.01(g) | Date Analyzed: 09/18/2013 03:55

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	64	J	69	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208196.D		
Lims ID:	460-62993-E-37-A	Client ID:	PMP-32SE-VS
Inject. Date:	18-Sep-2013 03:55:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-070		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	70
Lims Batch ID:	181811	Lims Sample ID:	70
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:15:27

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.087	3.088	-0.001	10459	71.2	M
1	3.558	3.562	-0.004	22413	77.7	M
1	4.102	4.105	-0.003	66870	126.3	M
1	4.273	4.277	-0.004	22324	99.1	M
1	5.407	5.412	-0.005	19944	91.8	M
		Average of Peak Amounts =			93.2	
2	2.343	2.343	0.0	13486	62.3	M
2	2.670	2.670	0.0	26236	80.3	
2	3.118	3.123	-0.005	93854	128.5	
2	3.265	3.265	0.0	23551	88.1	M
2	3.702	3.703	-0.001	25792	85.8	
		Average of Peak Amounts =			89.0	
					RPD = 4.65	
$ 5 DCB Decachlorobiphenyl						
1	10.698	10.710	-0.012	199050	51.1	
2	9.368	9.377	-0.009	346204	49.1	
					RPD = 3.91	

QC Flag Legend

Review Flags
M - Manually Integrated

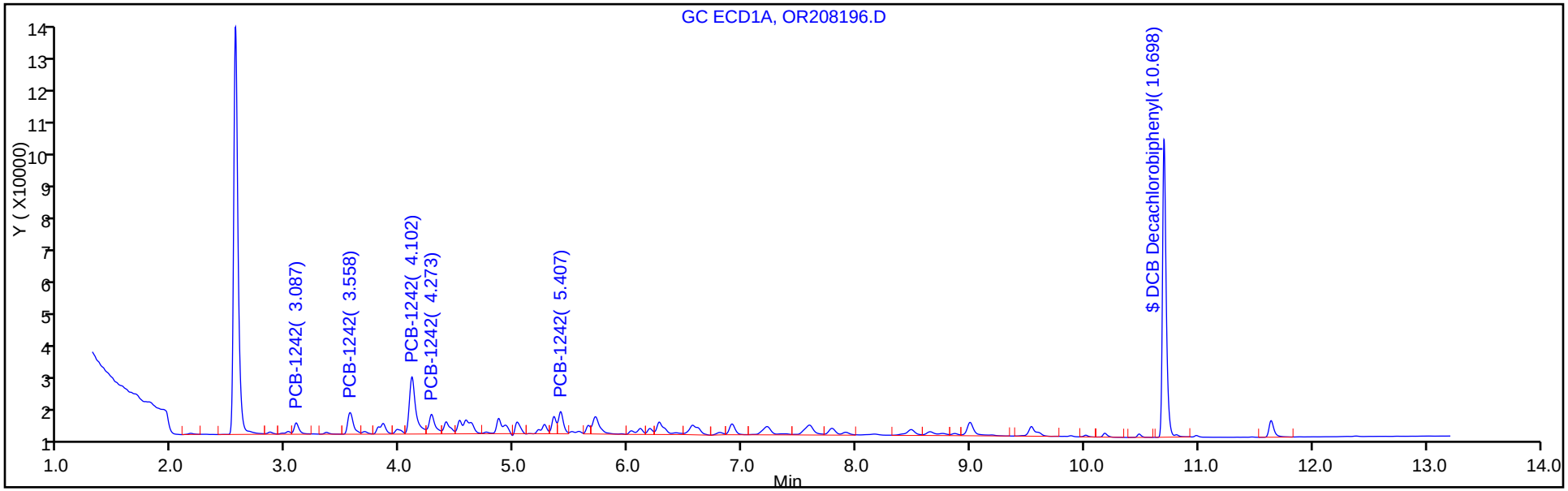
Report Date: 18-Sep-2013 11:46:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

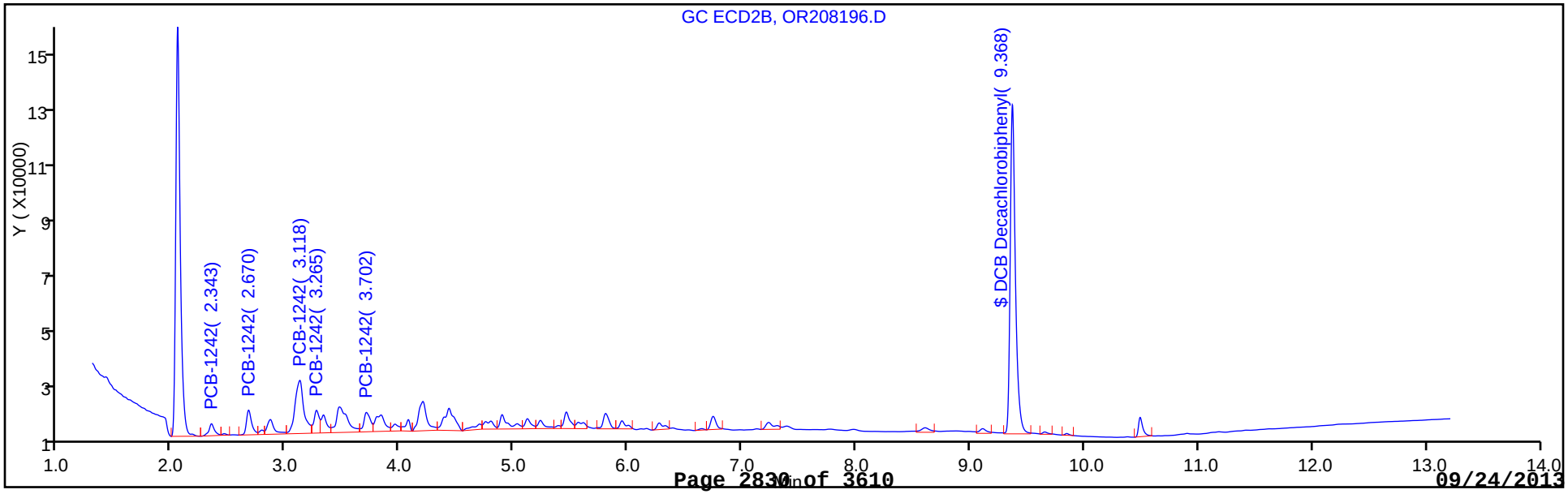
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208196.D

Injection Date:	18-Sep-2013 03:55:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-32SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	70
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



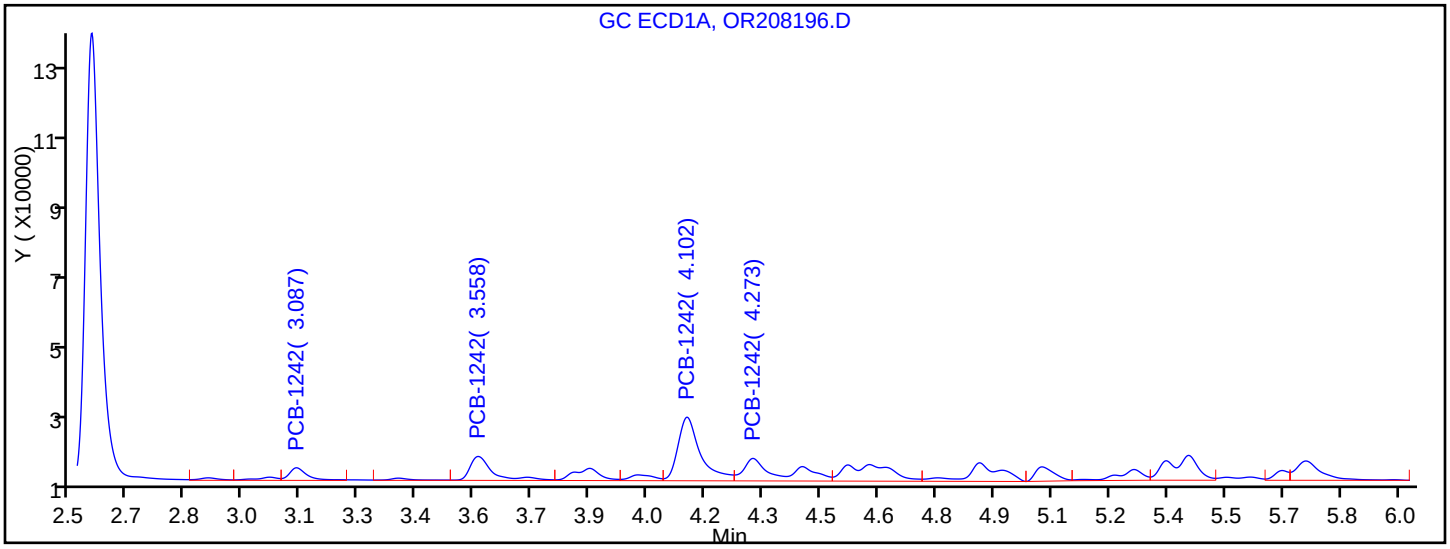
Report Date: 18-Sep-2013 11:46:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208196.D

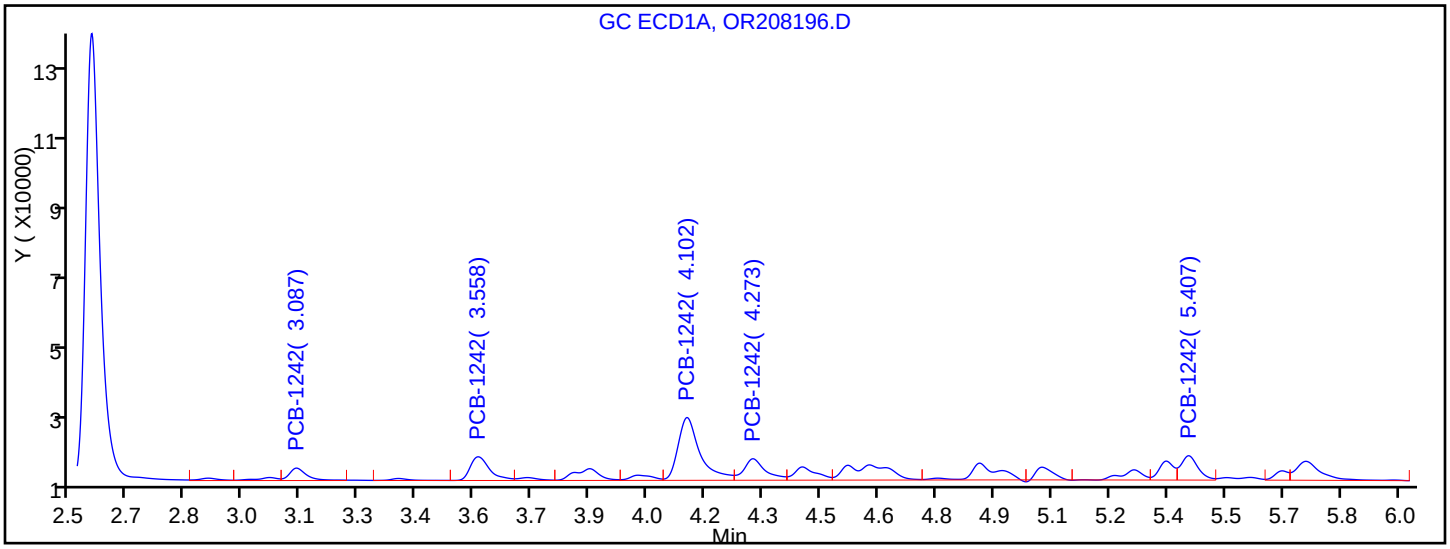
Injection Date:	18-Sep-2013 03:55:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-32SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	70
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.087	Response = 10974	M
RT = 3.558	Response = 26254	M
RT = 4.102	Response = 69246	M
RT = 4.273	Response = 40765	M
RT = 5.348	Response = 34969	M



Manual Integration Results

RT = 3.087	Response = 10459	M
RT = 3.558	Response = 22413	M
RT = 4.102	Response = 66870	M
RT = 4.273	Response = 22324	M
RT = 5.407	Response = 19944	M

Reviewer: patelji, 18-Sep-2013 11:15:27

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-VS Lab Sample ID: 460-62993-37

Matrix: Solid Lab File ID: OR208196.D

Analysis Method: 8082 Date Collected: 09/13/2013 12:30

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 03:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	69	16
11104-28-2	Aroclor 1221	16	U	69	16
11141-16-5	Aroclor 1232	16	U	69	16
12672-29-6	Aroclor 1248	16	U	69	16
11097-69-1	Aroclor 1254	20	U	69	20
11096-82-5	Aroclor 1260	20	U	69	20
37324-23-5	Aroclor 1262	20	U	69	20
11100-14-4	Aroclor 1268	20	U	69	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208196.D		
Lims ID:	460-62993-E-37-A	Client ID:	PMP-32SE-VS
Inject. Date:	18-Sep-2013 03:55:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-070		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	70
Lims Batch ID:	181811	Lims Sample ID:	70
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:15:27

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.087	3.088	-0.001	10459	71.2	M
1	3.558	3.562	-0.004	22413	77.7	M
1	4.102	4.105	-0.003	66870	126.3	M
1	4.273	4.277	-0.004	22324	99.1	M
1	5.407	5.412	-0.005	19944	91.8	M
		Average of Peak Amounts =			93.2	
2	2.343	2.343	0.0	13486	62.3	M
2	2.670	2.670	0.0	26236	80.3	
2	3.118	3.123	-0.005	93854	128.5	
2	3.265	3.265	0.0	23551	88.1	M
2	3.702	3.703	-0.001	25792	85.8	
		Average of Peak Amounts =			89.0	
					RPD = 4.65	
$ 5 DCB Decachlorobiphenyl						
1	10.698	10.710	-0.012	199050	51.1	
2	9.368	9.377	-0.009	346204	49.1	
					RPD = 3.91	

QC Flag Legend

Review Flags
M - Manually Integrated

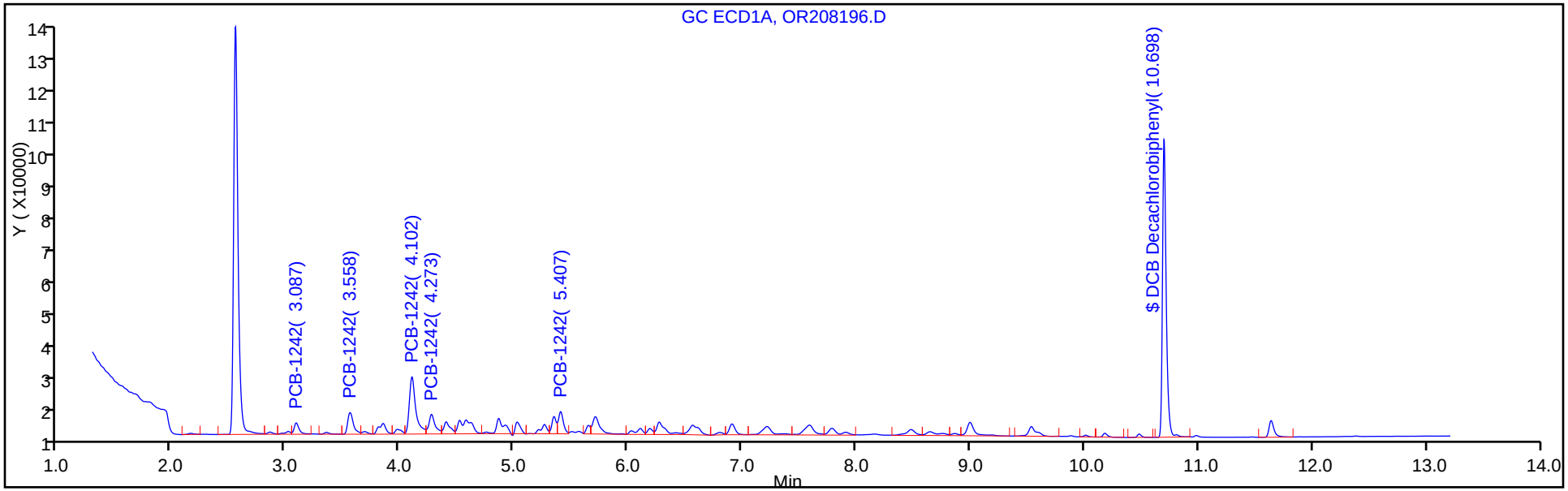
Report Date: 18-Sep-2013 11:46:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

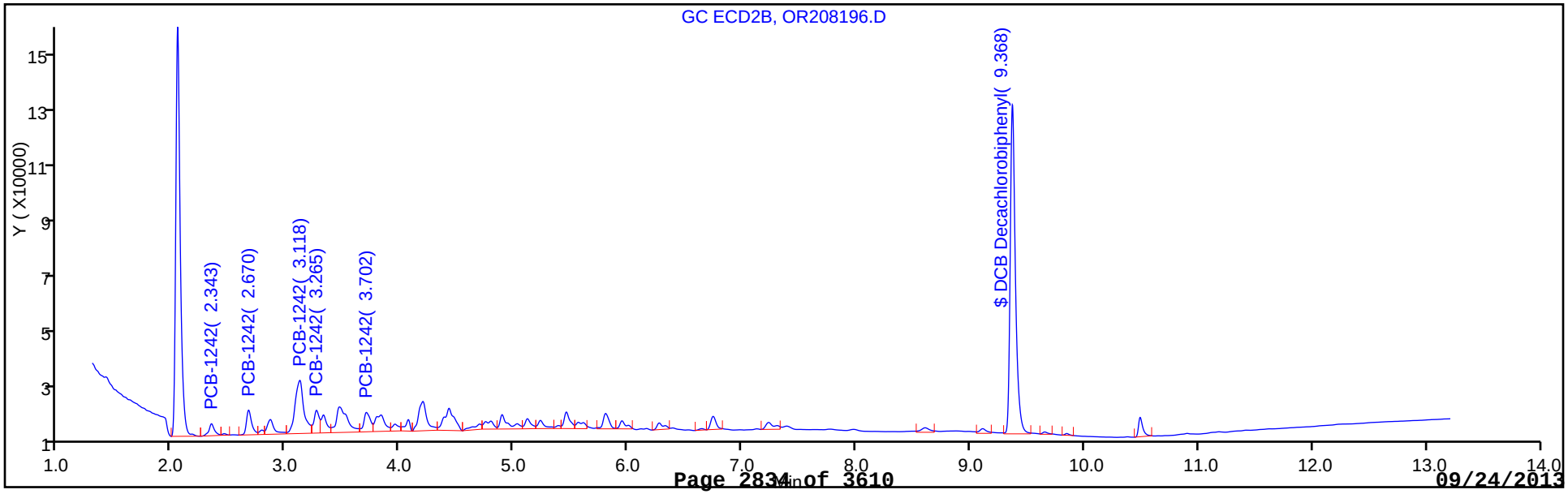
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208196.D

Injection Date:	18-Sep-2013 03:55:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-32SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	70
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



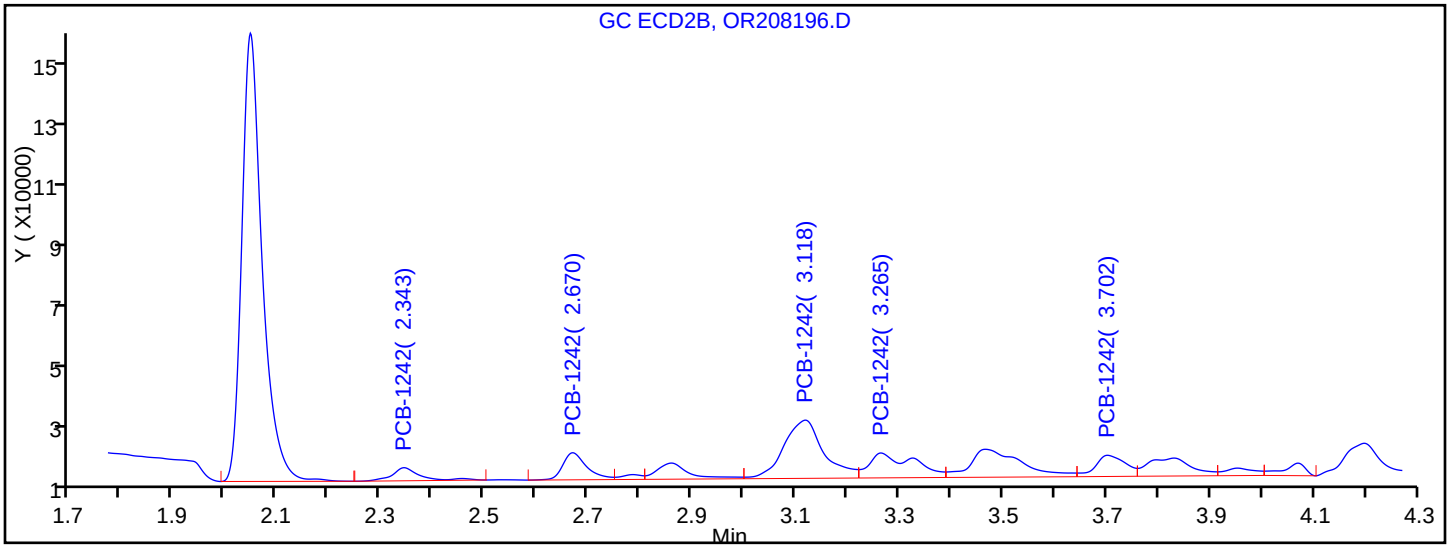
Report Date: 18-Sep-2013 11:46:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208196.D

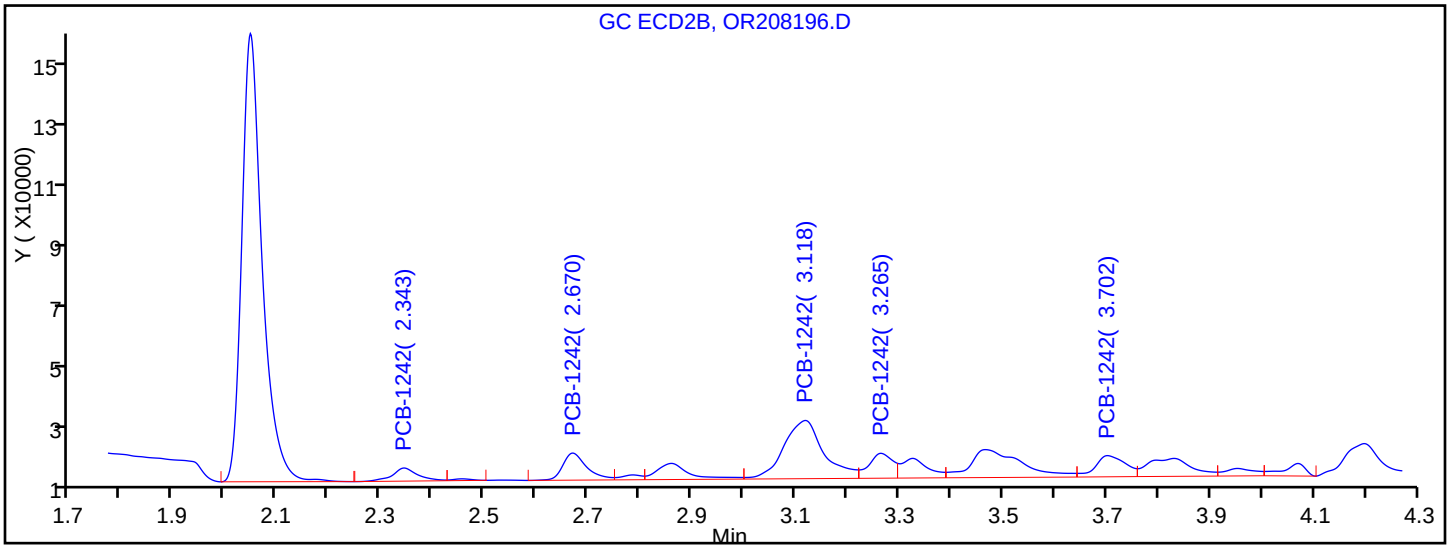
Injection Date:	18-Sep-2013 03:55:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-32SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	70
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.343	Response = 14756	M
RT = 2.670	Response = 26236	
RT = 3.118	Response = 93854	
RT = 3.265	Response = 44552	M
RT = 3.702	Response = 25792	



Manual Integration Results

RT = 2.343	Response = 13486	M
RT = 2.670	Response = 26236	
RT = 3.118	Response = 93854	
RT = 3.265	Response = 23551	M
RT = 3.702	Response = 25792	

Reviewer: patelji, 18-Sep-2013 11:15:27

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-VD Lab Sample ID: 460-62993-38

Matrix: Solid Lab File ID: OR208197.D

Analysis Method: 8082 Date Collected: 09/13/2013 12:35

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.04(g) Date Analyzed: 09/18/2013 04:12

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 7.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208197.D		
Lims ID:	460-62993-E-38-A	Client ID:	PMP-32SE-VD
Inject. Date:	18-Sep-2013 04:12:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-071		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	71
Lims Batch ID:	181811	Lims Sample ID:	71
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:15:39

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.700	10.710	-0.010	188583	48.4	
2	9.368	9.377	-0.009	303744	43.1	
					RPD = 11.58	

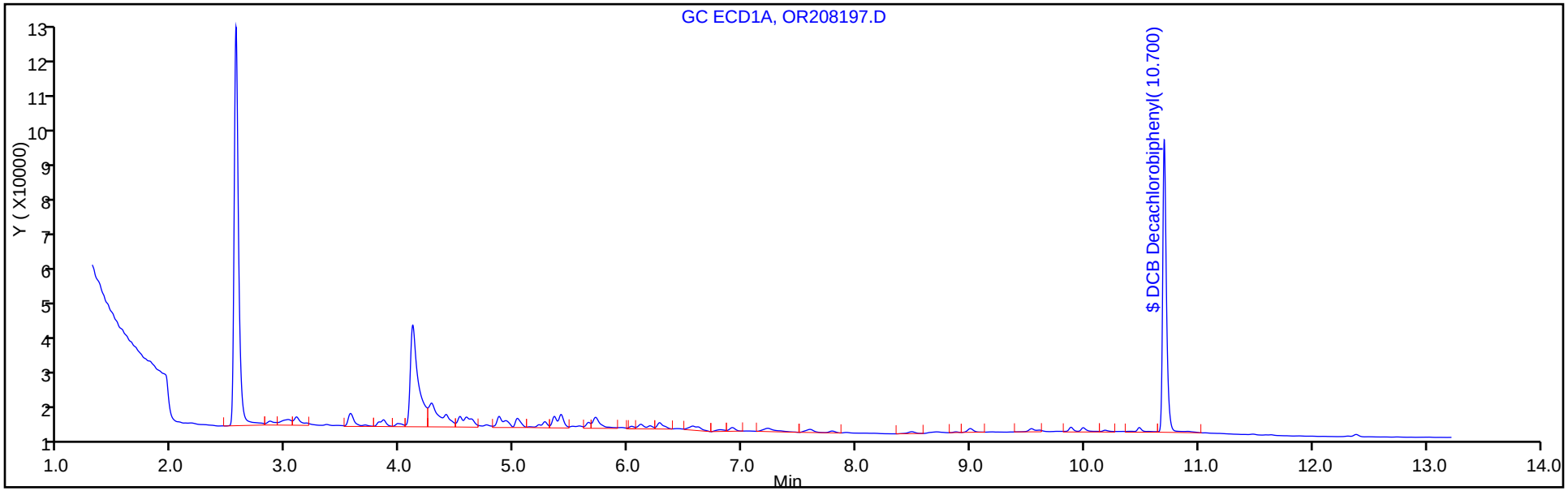
Report Date: 18-Sep-2013 11:47:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

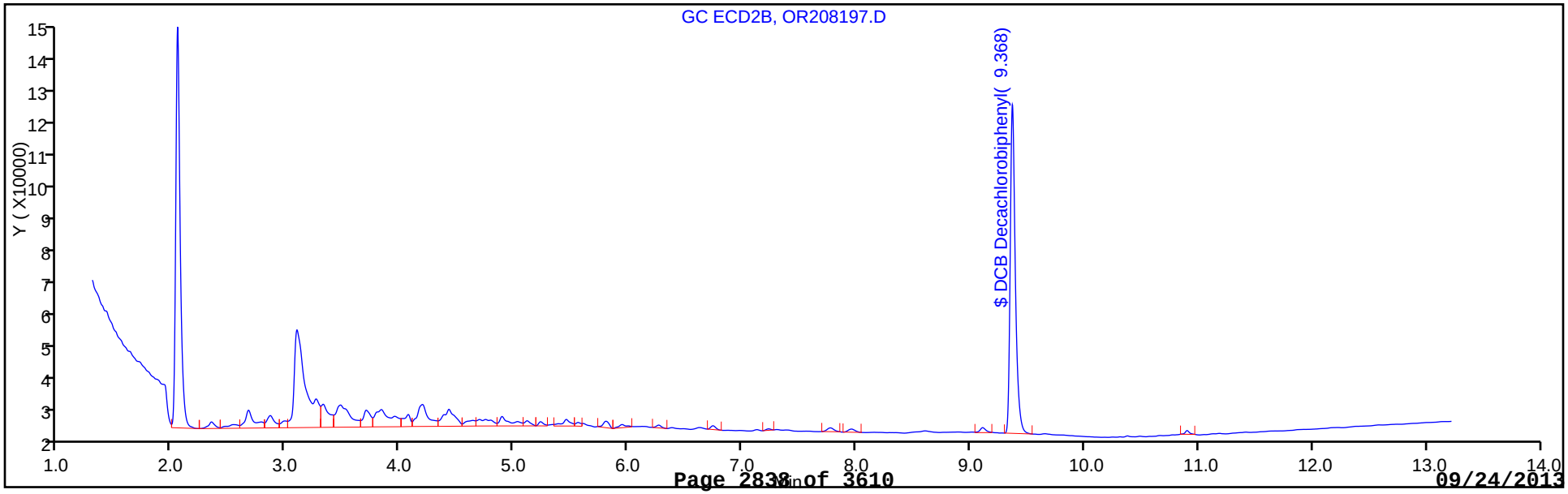
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208197.D

Injection Date:	18-Sep-2013 04:12:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-32SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	71
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-VD Lab Sample ID: 460-62993-38

Matrix: Solid Lab File ID: OR208197.D

Analysis Method: 8082 Date Collected: 09/13/2013 12:35

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.04(g) Date Analyzed: 09/18/2013 04:12

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 7.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	73	16
11104-28-2	Aroclor 1221	16	U	73	16
11141-16-5	Aroclor 1232	16	U	73	16
53469-21-9	Aroclor 1242	16	U	73	16
12672-29-6	Aroclor 1248	16	U	73	16
11097-69-1	Aroclor 1254	21	U	73	21
11096-82-5	Aroclor 1260	21	U	73	21
37324-23-5	Aroclor 1262	21	U	73	21
11100-14-4	Aroclor 1268	21	U	73	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208197.D		
Lims ID:	460-62993-E-38-A	Client ID:	PMP-32SE-VD
Inject. Date:	18-Sep-2013 04:12:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-071		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	71
Lims Batch ID:	181811	Lims Sample ID:	71
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:15:39

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.700	10.710	-0.010	188583	48.4	
2	9.368	9.377	-0.009	303744	43.1	
					RPD = 11.58	

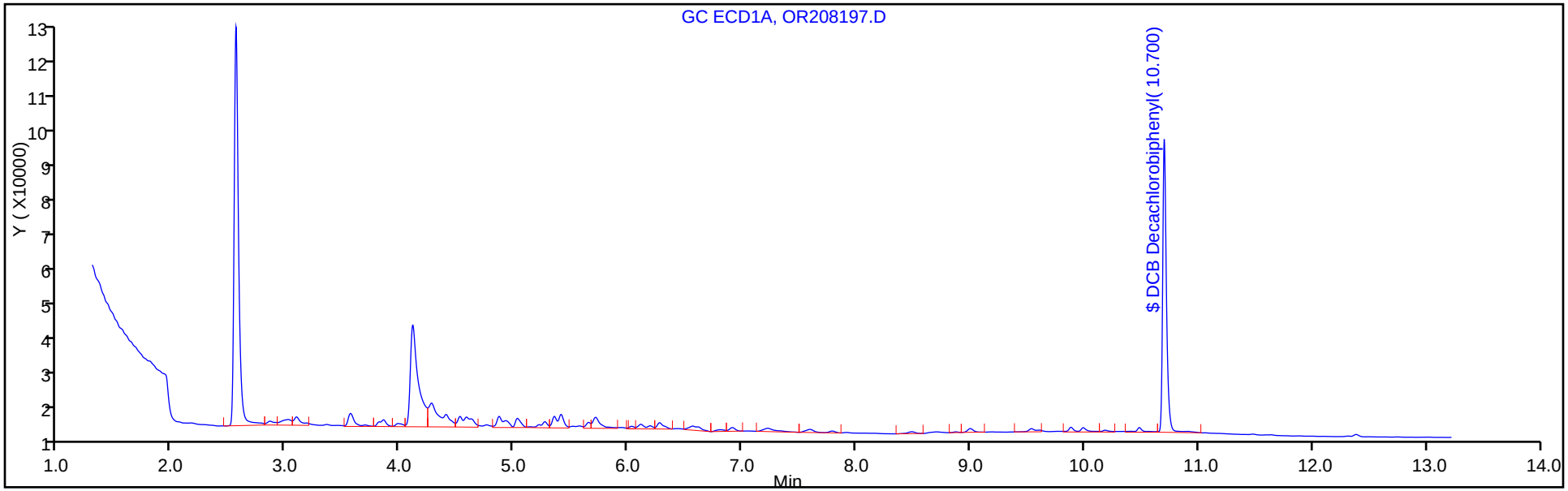
Report Date: 18-Sep-2013 11:47:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

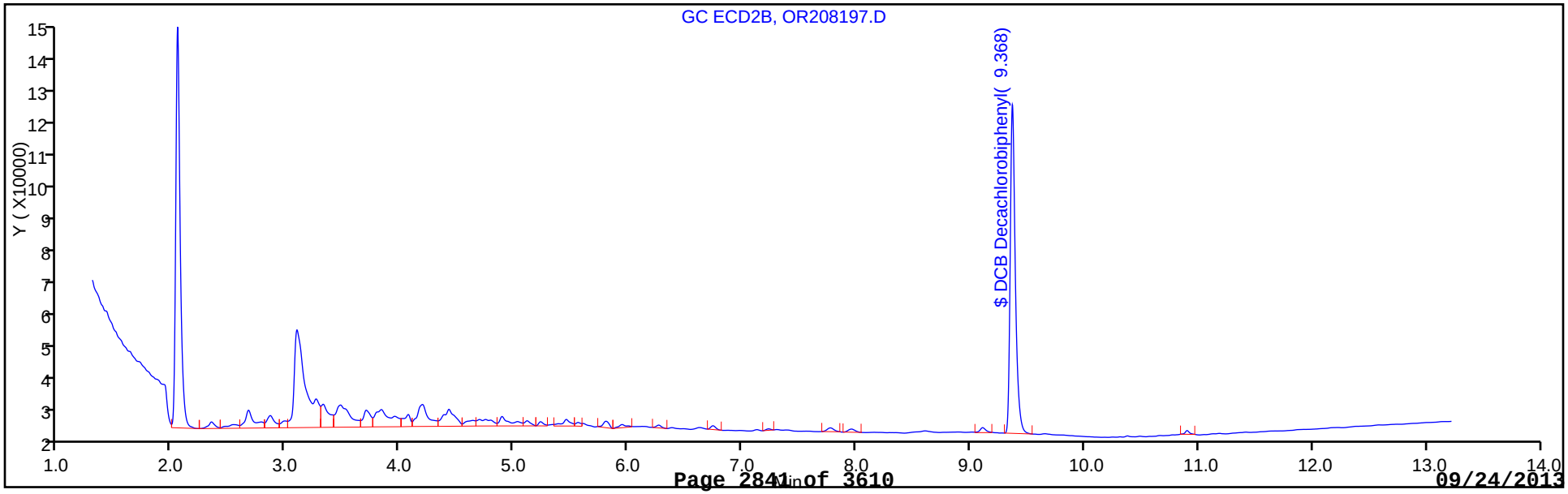
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208197.D

Injection Date:	18-Sep-2013 04:12:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-32SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	71
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-WT Lab Sample ID: 460-62993-39

Matrix: Solid Lab File ID: OR208198.D

Analysis Method: 8082 Date Collected: 09/13/2013 12:40

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 04:29

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208198.D		
Lims ID:	460-62993-E-39-A	Client ID:	PMP-32SE-WT
Inject. Date:	18-Sep-2013 04:29:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-072		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	72
Lims Batch ID:	181811	Lims Sample ID:	72
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:16:43

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.700	10.710	-0.010	187410	48.1	
2	9.368	9.377	-0.009	320184	45.4	
					RPD = 5.70	

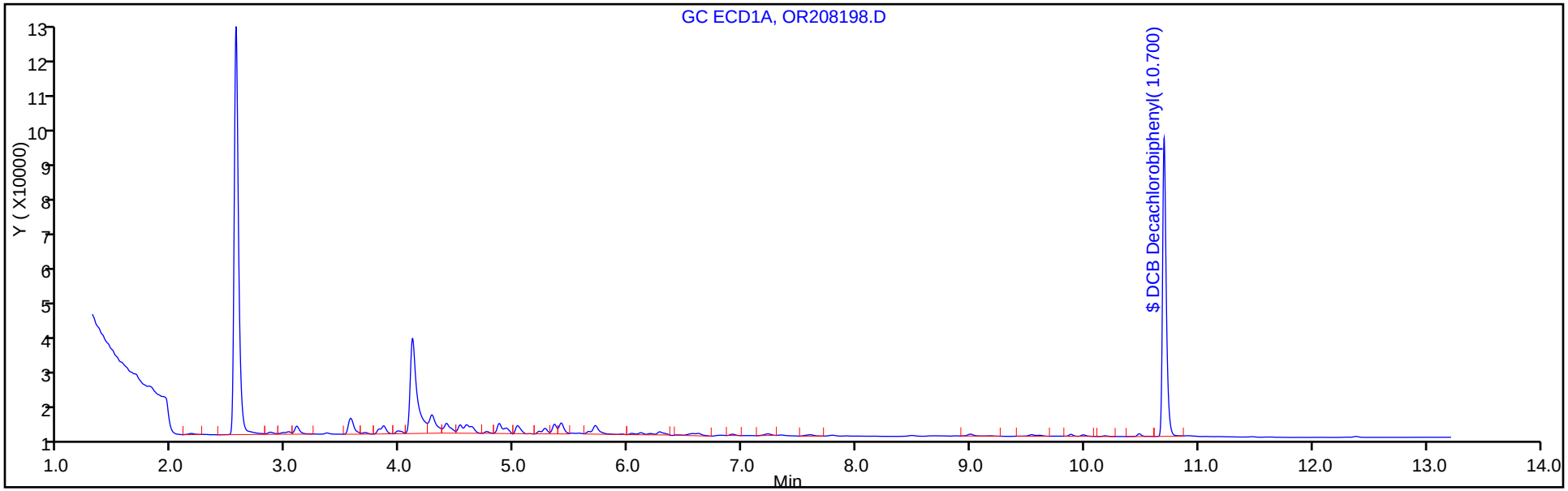
Report Date: 18-Sep-2013 11:47:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

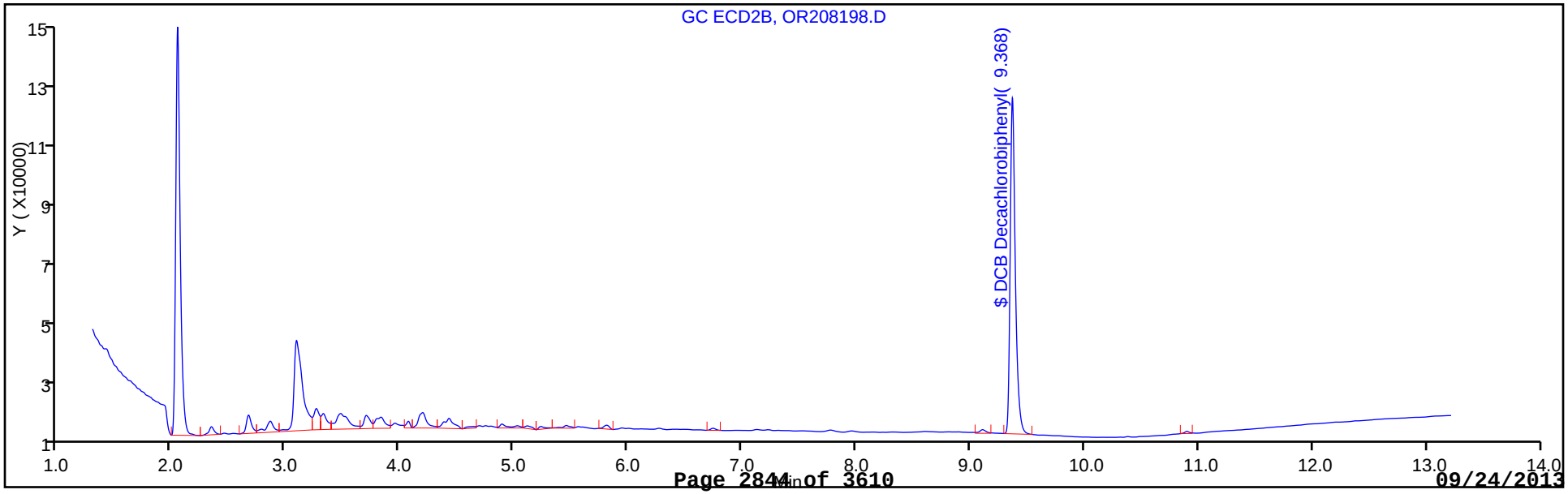
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208198.D

Injection Date:	18-Sep-2013 04:29:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-32SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	72
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-WT | Lab Sample ID: 460-62993-39

Matrix: Solid | Lab File ID: OR208198.D

Analysis Method: 8082 | Date Collected: 09/13/2013 12:40

Extraction Method: 3546 | Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2013 04:29

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	18	U	78	18
11104-28-2	Aroclor 1221	18	U	78	18
11141-16-5	Aroclor 1232	18	U	78	18
53469-21-9	Aroclor 1242	18	U	78	18
12672-29-6	Aroclor 1248	18	U	78	18
11097-69-1	Aroclor 1254	22	U	78	22
11096-82-5	Aroclor 1260	22	U	78	22
37324-23-5	Aroclor 1262	22	U	78	22
11100-14-4	Aroclor 1268	22	U	78	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208198.D		
Lims ID:	460-62993-E-39-A	Client ID:	PMP-32SE-WT
Inject. Date:	18-Sep-2013 04:29:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-072		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	72
Lims Batch ID:	181811	Lims Sample ID:	72
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:16:43

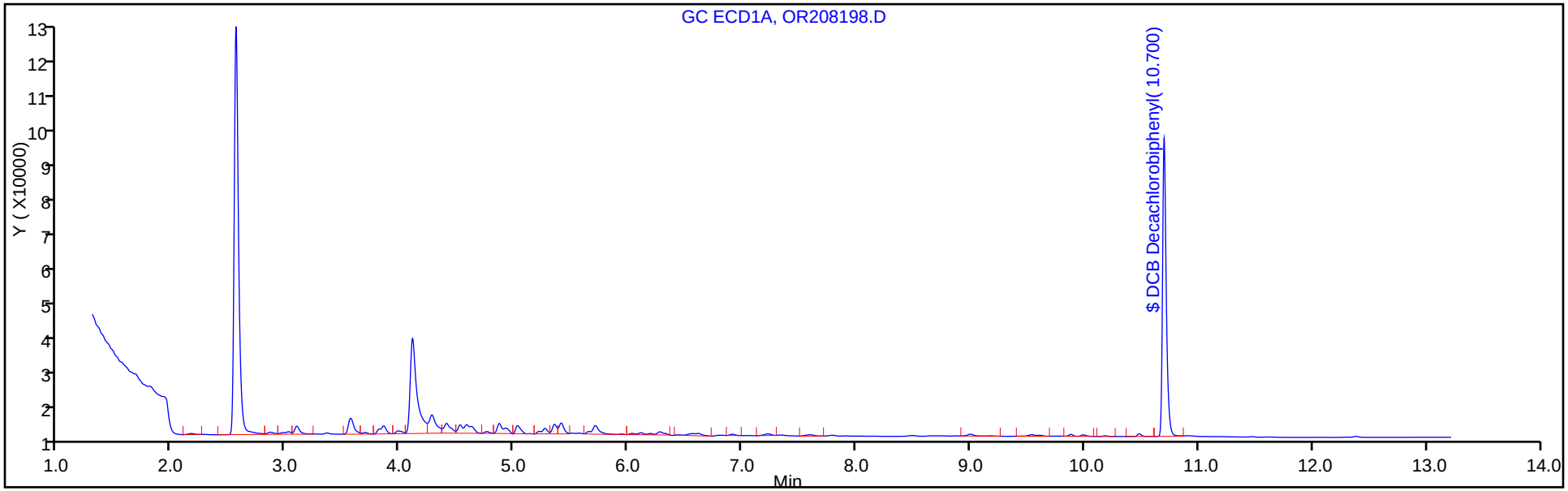
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.700	10.710	-0.010	187410	48.1	
2	9.368	9.377	-0.009	320184	45.4	
					RPD = 5.70	

Report Date: 18-Sep-2013 11:47:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

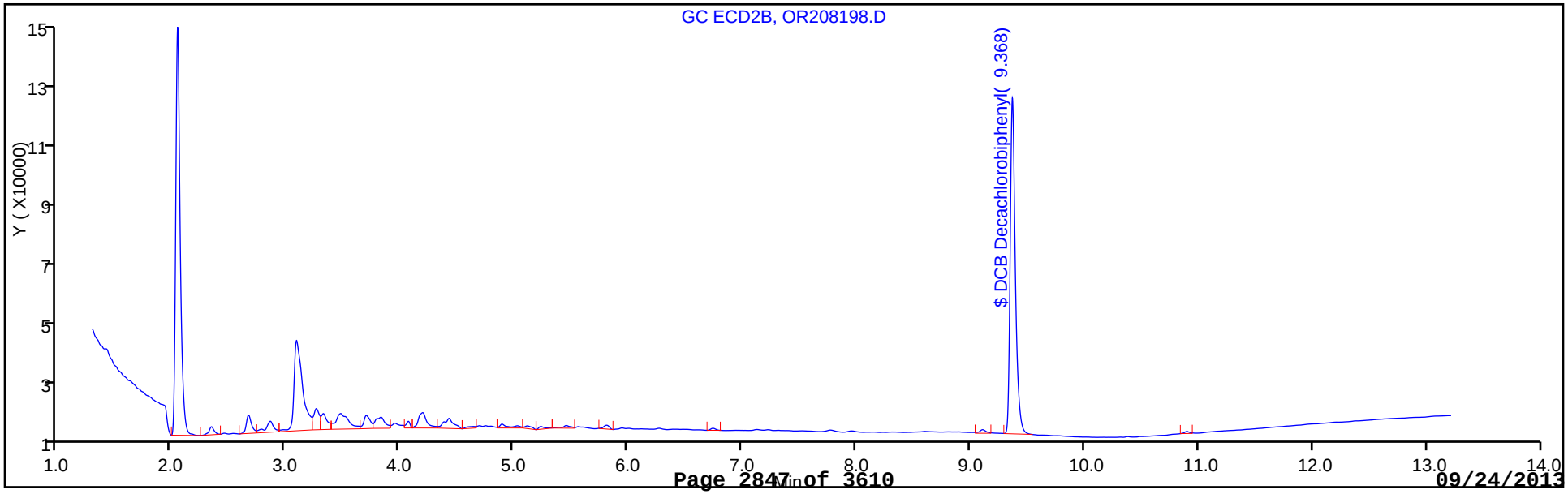
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208198.D		
Injection Date:	18-Sep-2013 04:29:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-32SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	72
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP-091313 Lab Sample ID: 460-62993-40

Matrix: Solid Lab File ID: OR208199.D

Analysis Method: 8082 Date Collected: 09/13/2013 00:00

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 04:46

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208199.D		
Lims ID:	460-62993-E-40-A	Client ID:	DUP-091313
Inject. Date:	18-Sep-2013 04:46:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-073		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	73
Lims Batch ID:	181811	Lims Sample ID:	73
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:16:51

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.700	10.710	-0.010	181535	46.6	
2	9.368	9.377	-0.009	310077	44.0	
					RPD = 5.72	

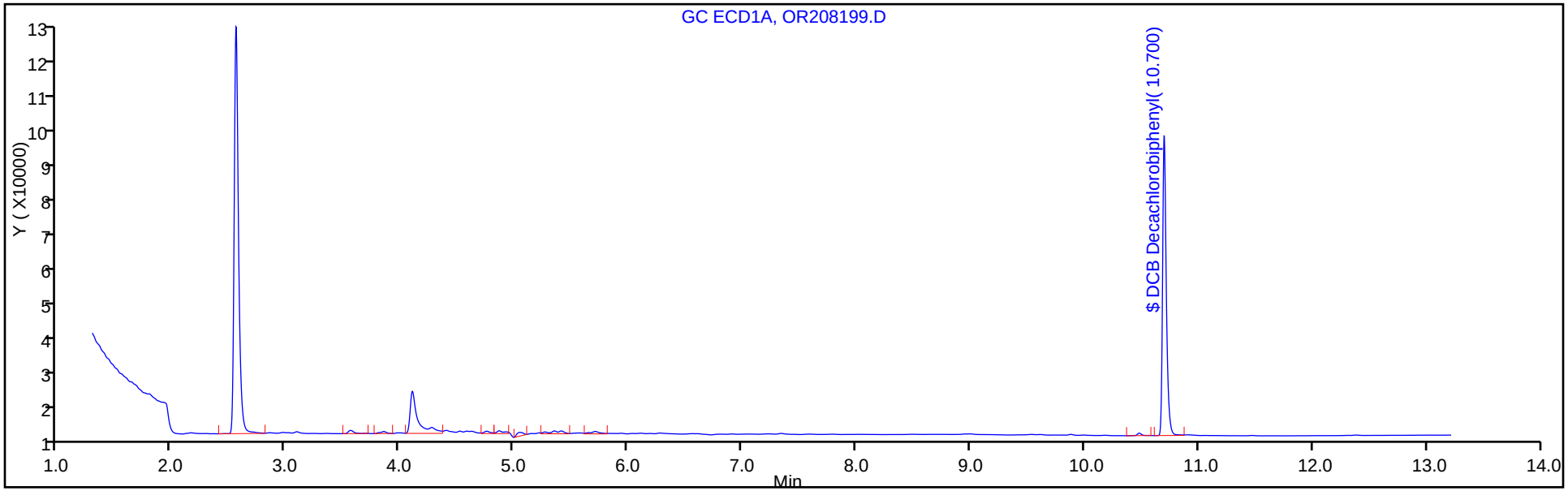
Report Date: 18-Sep-2013 11:47:05 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

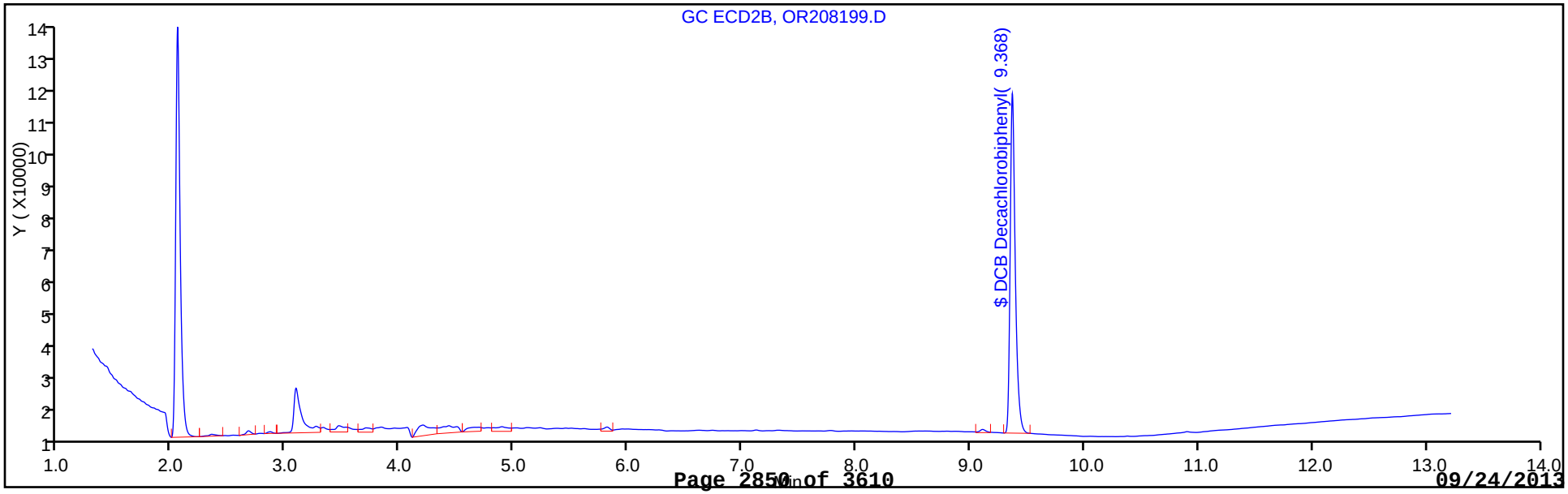
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208199.D

Injection Date:	18-Sep-2013 04:46:30	Limit Group:	GC 8082 PCB
Client ID:	DUP-091313	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	73
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP-091313 Lab Sample ID: 460-62993-40

Matrix: Solid Lab File ID: OR208199.D

Analysis Method: 8082 Date Collected: 09/13/2013 00:00

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 04:46

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	70	16
11104-28-2	Aroclor 1221	16	U	70	16
11141-16-5	Aroclor 1232	16	U	70	16
53469-21-9	Aroclor 1242	16	U	70	16
12672-29-6	Aroclor 1248	16	U	70	16
11097-69-1	Aroclor 1254	20	U	70	20
11096-82-5	Aroclor 1260	20	U	70	20
37324-23-5	Aroclor 1262	20	U	70	20
11100-14-4	Aroclor 1268	20	U	70	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208199.D		
Lims ID:	460-62993-E-40-A	Client ID:	DUP-091313
Inject. Date:	18-Sep-2013 04:46:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-073		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	73
Lims Batch ID:	181811	Lims Sample ID:	73
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 11:16:51

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.700	10.710	-0.010	181535	46.6	
2	9.368	9.377	-0.009	310077	44.0	
					RPD = 5.72	

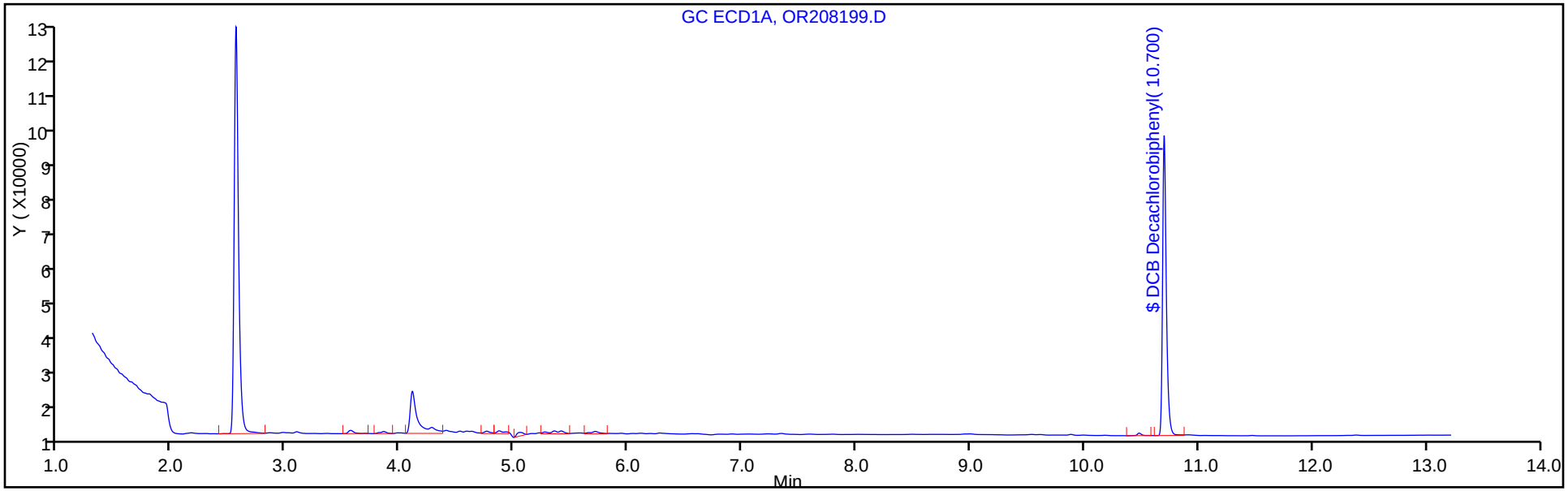
Report Date: 18-Sep-2013 11:47:05 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

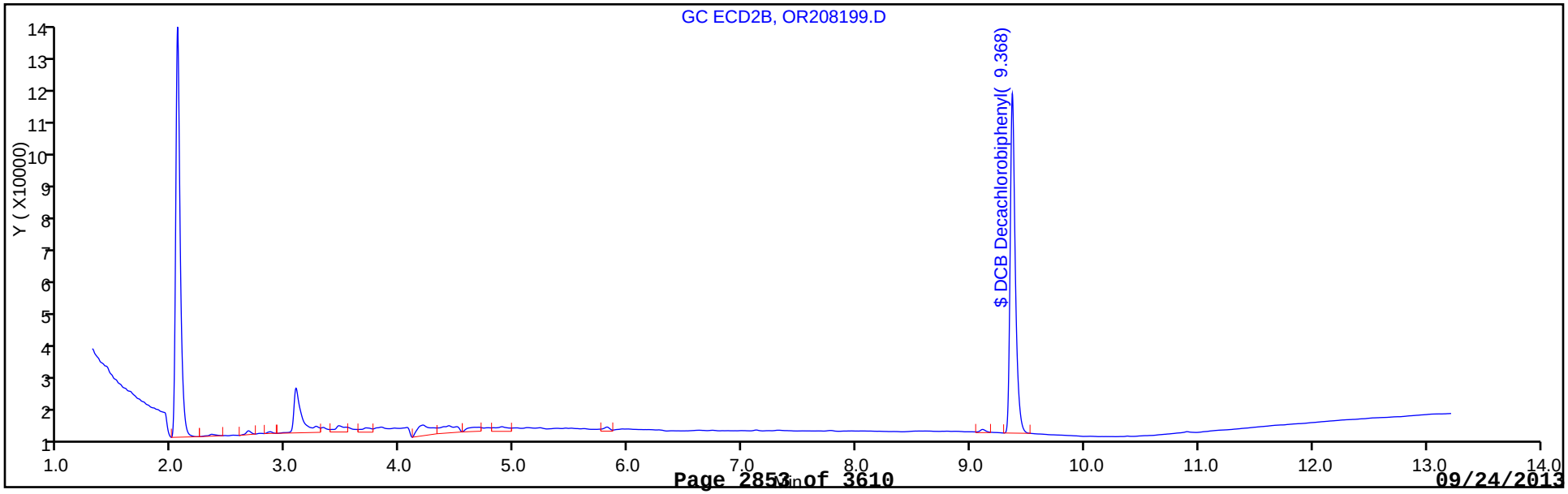
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208199.D

Injection Date:	18-Sep-2013 04:46:30	Limit Group:	GC 8082 PCB
Client ID:	DUP-091313	Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	73
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP1-091313 Lab Sample ID: 460-62993-41

Matrix: Solid Lab File ID: OR208144.D

Analysis Method: 8082 Date Collected: 09/13/2013 00:00

Extraction Method: 3546 Date Extracted: 09/17/2013 04:50

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 13:23

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181779 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208144.D		
Lims ID:	460-62993-E-41-A	Client ID:	DUP1-091313
Inject. Date:	17-Sep-2013 13:23:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-018		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	18
Lims Batch ID:	181779	Lims Sample ID:	18
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 15:22:15	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK035		

First Level Reviewer: patelji Date: 17-Sep-2013 13:42:25

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.692	10.710	-0.018	182652	46.8	
2	9.368	9.377	-0.009	316541	44.9	
					RPD = 4.27	

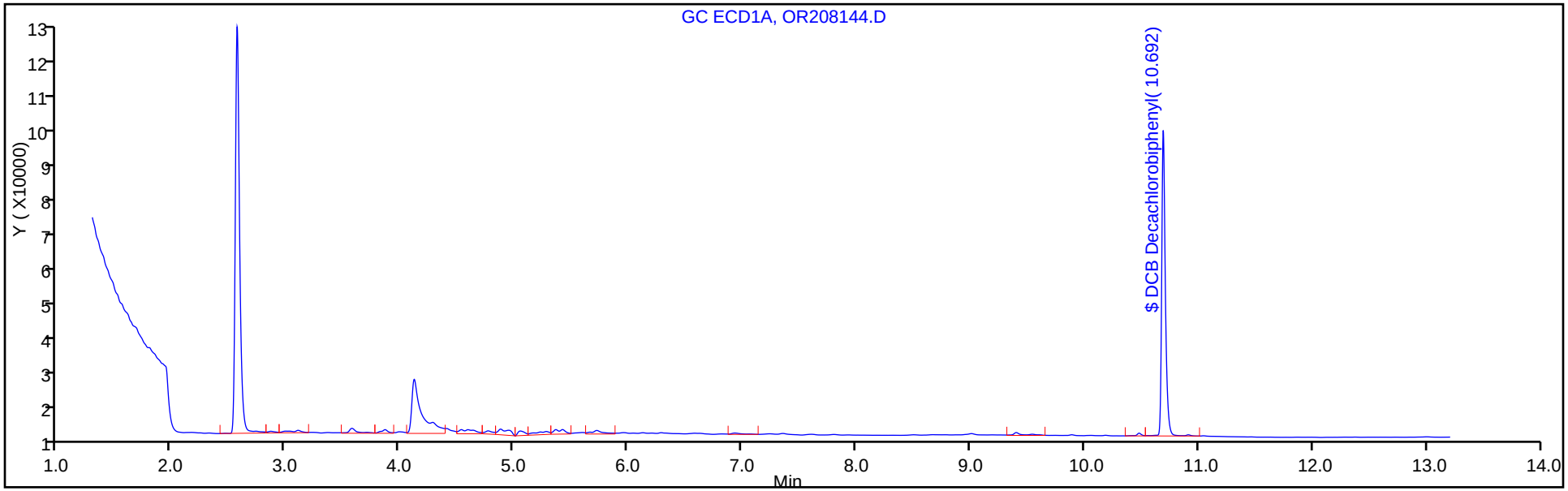
Report Date: 17-Sep-2013 15:22:16 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

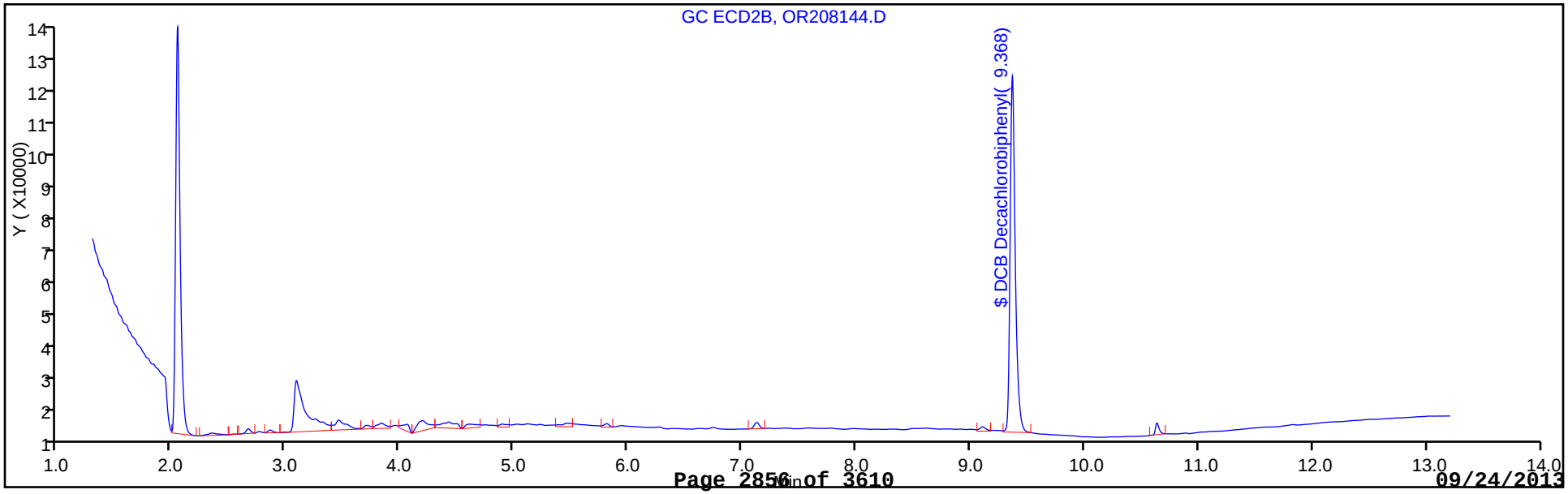
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208144.D

Injection Date:	17-Sep-2013 13:23:30	Limit Group:	GC 8082 PCB
Client ID:	DUP1-091313	Instrument ID:	CPESTGC7
Lims Batch ID:	181779	Lims Sample ID:	18
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP1-091313 | Lab Sample ID: 460-62993-41

Matrix: Solid | Lab File ID: OR208144.D

Analysis Method: 8082 | Date Collected: 09/13/2013 00:00

Extraction Method: 3546 | Date Extracted: 09/17/2013 04:50

Sample wt/vol: 15.00(g) | Date Analyzed: 09/17/2013 13:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181779 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	76	17
11104-28-2	Aroclor 1221	17	U	76	17
11141-16-5	Aroclor 1232	17	U	76	17
53469-21-9	Aroclor 1242	17	U	76	17
12672-29-6	Aroclor 1248	17	U	76	17
11097-69-1	Aroclor 1254	22	U	76	22
11096-82-5	Aroclor 1260	22	U	76	22
37324-23-5	Aroclor 1262	22	U	76	22
11100-14-4	Aroclor 1268	22	U	76	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	90		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208144.D		
Lims ID:	460-62993-E-41-A	Client ID:	DUP1-091313
Inject. Date:	17-Sep-2013 13:23:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-018		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	18
Lims Batch ID:	181779	Lims Sample ID:	18
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 15:22:15	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK035		

First Level Reviewer: patelji Date: 17-Sep-2013 13:42:25

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.692	10.710	-0.018	182652	46.8	
2	9.368	9.377	-0.009	316541	44.9	
					RPD = 4.27	

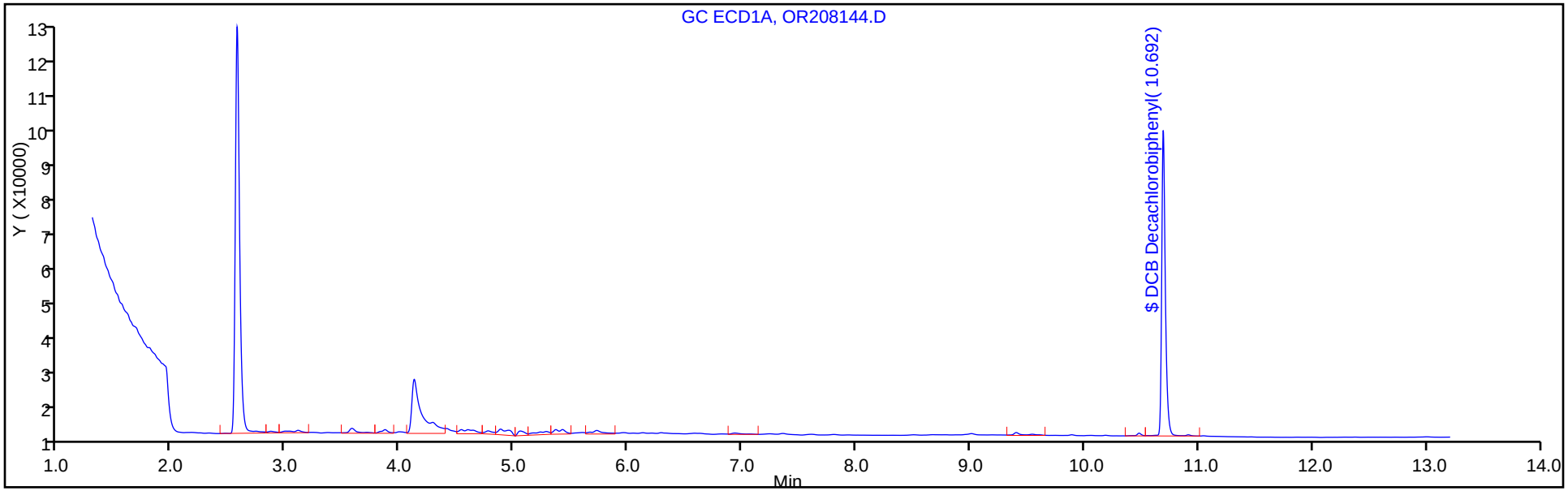
Report Date: 17-Sep-2013 15:22:16 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

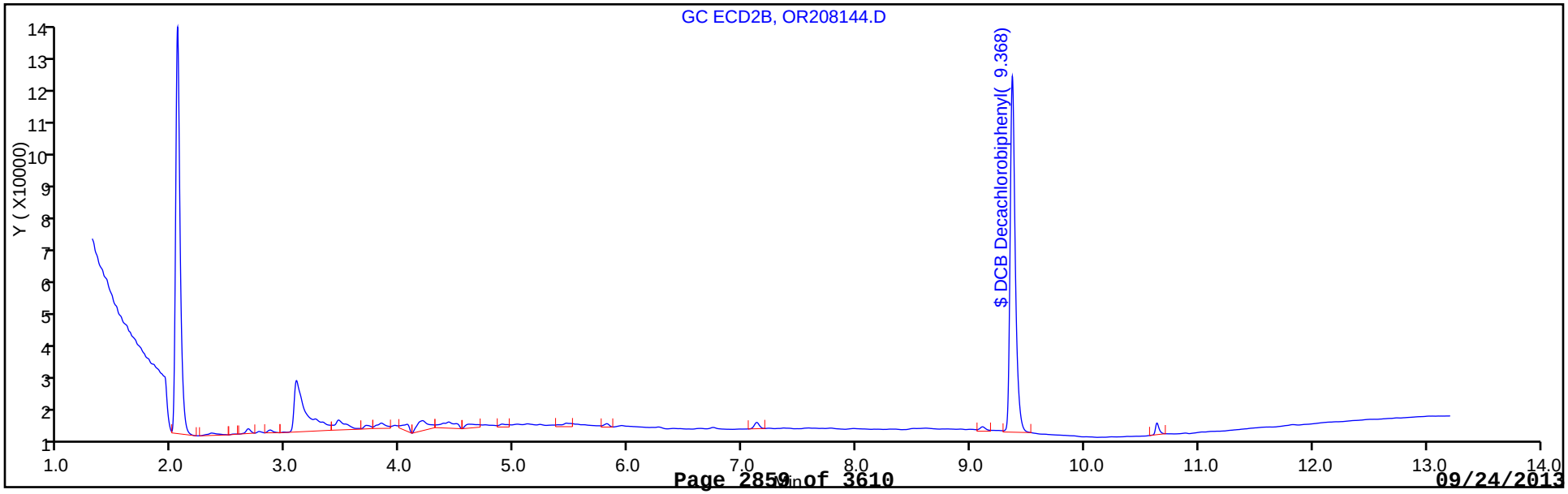
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208144.D

Injection Date:	17-Sep-2013 13:23:30	Limit Group:	GC 8082 PCB
Client ID:	DUP1-091313	Instrument ID:	CPESTGC7
Lims Batch ID:	181779	Lims Sample ID:	18
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP2-091313 Lab Sample ID: 460-62993-42

Matrix: Solid Lab File ID: OR208145.D

Analysis Method: 8082 Date Collected: 09/13/2013 00:00

Extraction Method: 3546 Date Extracted: 09/17/2013 04:50

Sample wt/vol: 15.05(g) Date Analyzed: 09/17/2013 13:40

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181779 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208145.D		
Lims ID:	460-62993-E-42-A	Client ID:	DUP2-091313
Inject. Date:	17-Sep-2013 13:40:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-019		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	181779	Lims Sample ID:	19
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 15:22:15	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK035		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.688	10.710	-0.022	168191	43.1	
2	9.368	9.377	-0.009	291969	41.4	
					RPD = 4.10	

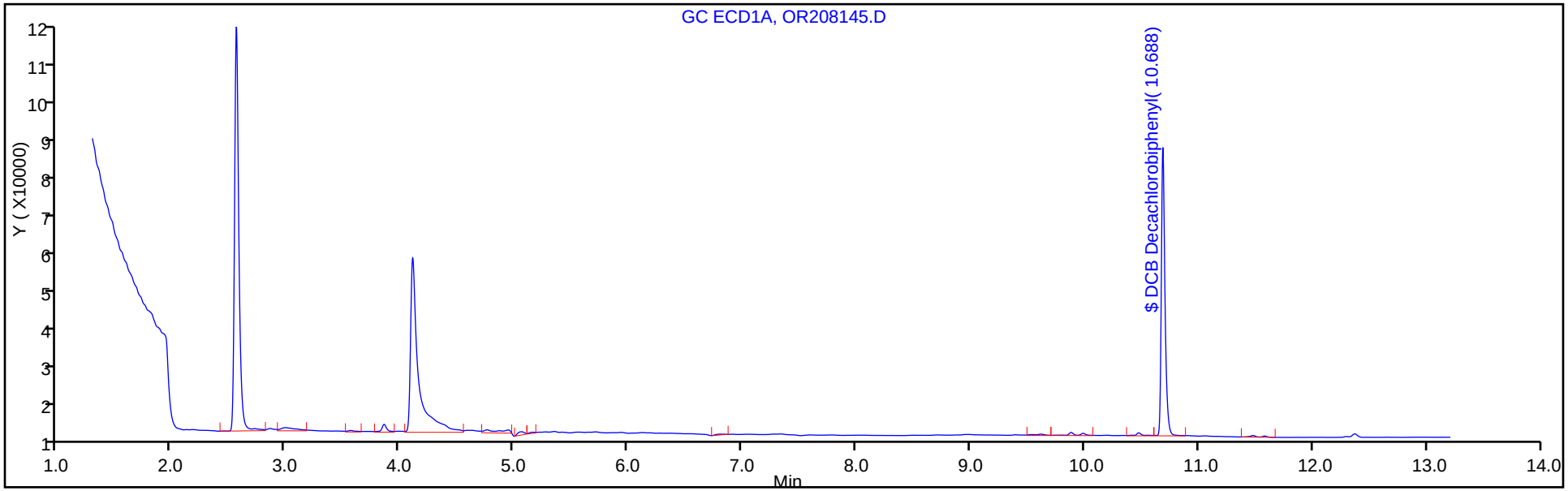
Report Date: 17-Sep-2013 15:22:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

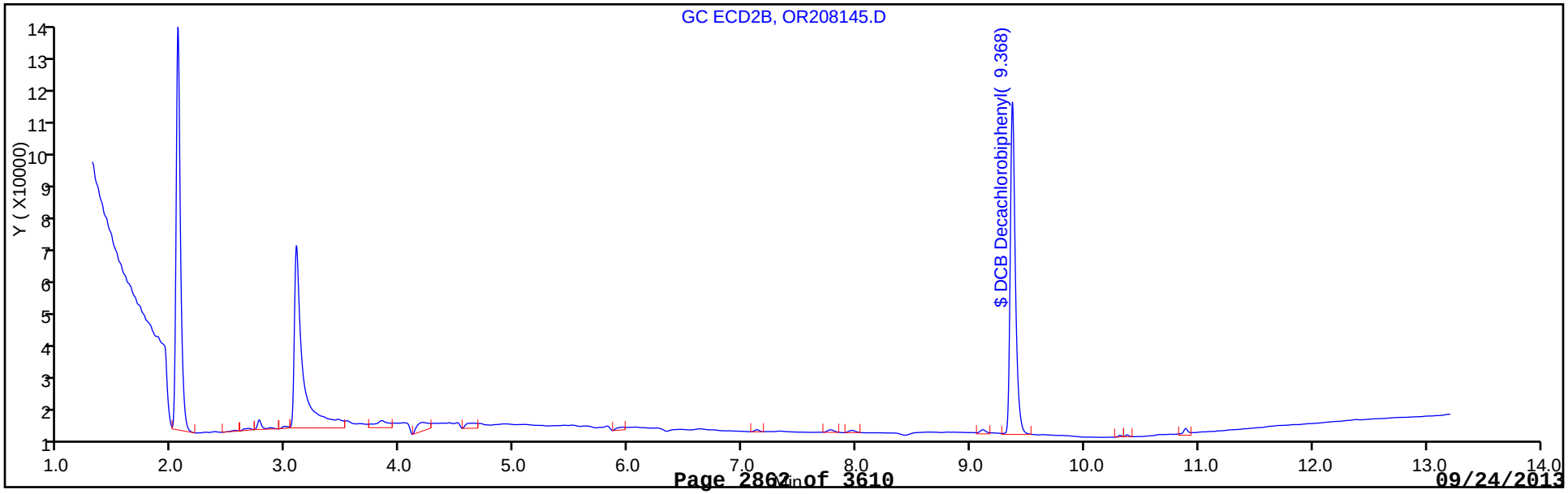
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208145.D

Injection Date:	17-Sep-2013 13:40:30	Limit Group:	GC 8082 PCB
Client ID:	DUP2-091313	Instrument ID:	CPESTGC7
Lims Batch ID:	181779	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP2-091313 | Lab Sample ID: 460-62993-42

Matrix: Solid | Lab File ID: OR208145.D

Analysis Method: 8082 | Date Collected: 09/13/2013 00:00

Extraction Method: 3546 | Date Extracted: 09/17/2013 04:50

Sample wt/vol: 15.05(g) | Date Analyzed: 09/17/2013 13:40

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181779 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	78	17
11104-28-2	Aroclor 1221	17	U	78	17
11141-16-5	Aroclor 1232	17	U	78	17
53469-21-9	Aroclor 1242	17	U	78	17
12672-29-6	Aroclor 1248	17	U	78	17
11097-69-1	Aroclor 1254	22	U	78	22
11096-82-5	Aroclor 1260	22	U	78	22
37324-23-5	Aroclor 1262	22	U	78	22
11100-14-4	Aroclor 1268	22	U	78	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	83		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208145.D		
Lims ID:	460-62993-E-42-A	Client ID:	DUP2-091313
Inject. Date:	17-Sep-2013 13:40:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-019		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	181779	Lims Sample ID:	19
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 15:22:15	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK035		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.688	10.710	-0.022	168191	43.1	
2	9.368	9.377	-0.009	291969	41.4	
					RPD = 4.10	

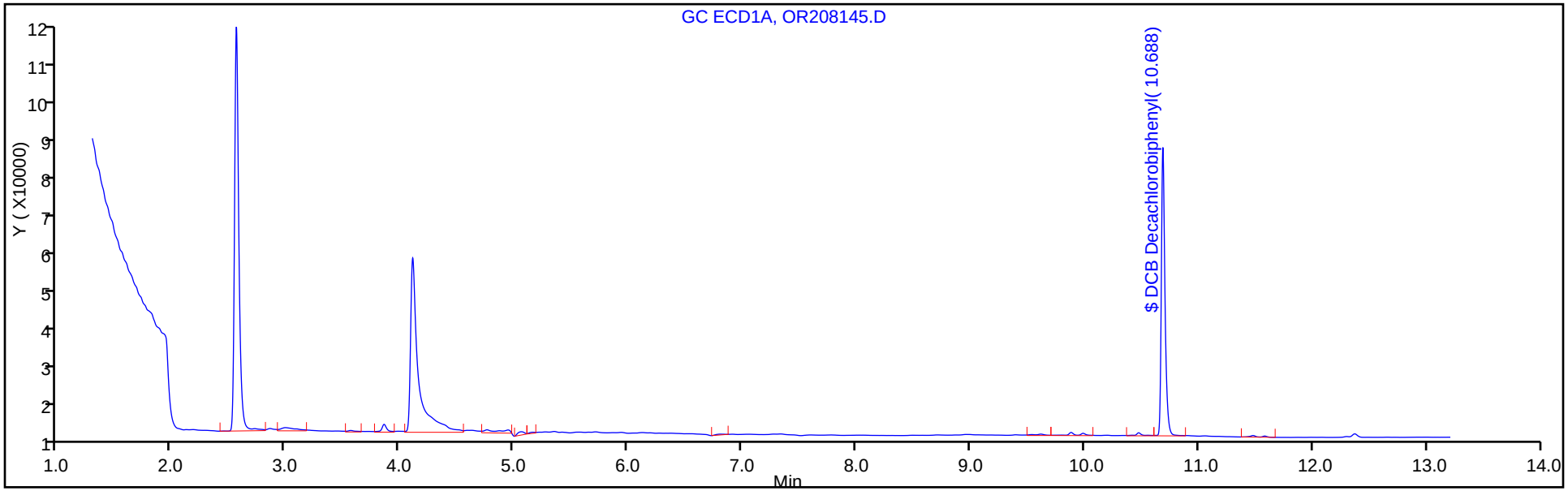
Report Date: 17-Sep-2013 15:22:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

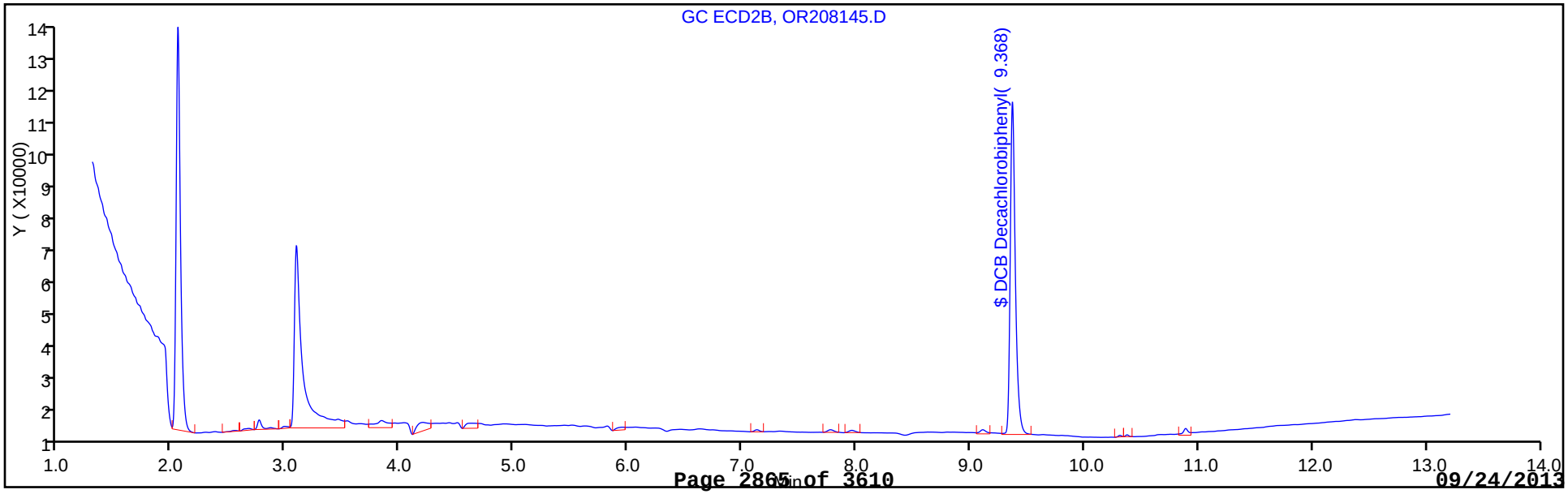
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208145.D

Injection Date:	17-Sep-2013 13:40:30	Limit Group:	GC 8082 PCB
Client ID:	DUP2-091313	Instrument ID:	CPESTGC7
Lims Batch ID:	181779	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP3-091313 Lab Sample ID: 460-62993-43

Matrix: Solid Lab File ID: OR208146.D

Analysis Method: 8082 Date Collected: 09/13/2013 00:00

Extraction Method: 3546 Date Extracted: 09/17/2013 04:50

Sample wt/vol: 15.01(g) Date Analyzed: 09/17/2013 13:57

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 17.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181779 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208146.D		
Lims ID:	460-62993-E-43-A	Client ID:	DUP3-091313
Inject. Date:	17-Sep-2013 13:57:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-020		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	181779	Lims Sample ID:	20
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 15:22:15	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK035		

First Level Reviewer: patelji Date: 17-Sep-2013 14:26:30

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.688	10.710	-0.022	167525	43.0	
2	9.370	9.377	-0.007	286578	40.6	
					RPD = 5.57	

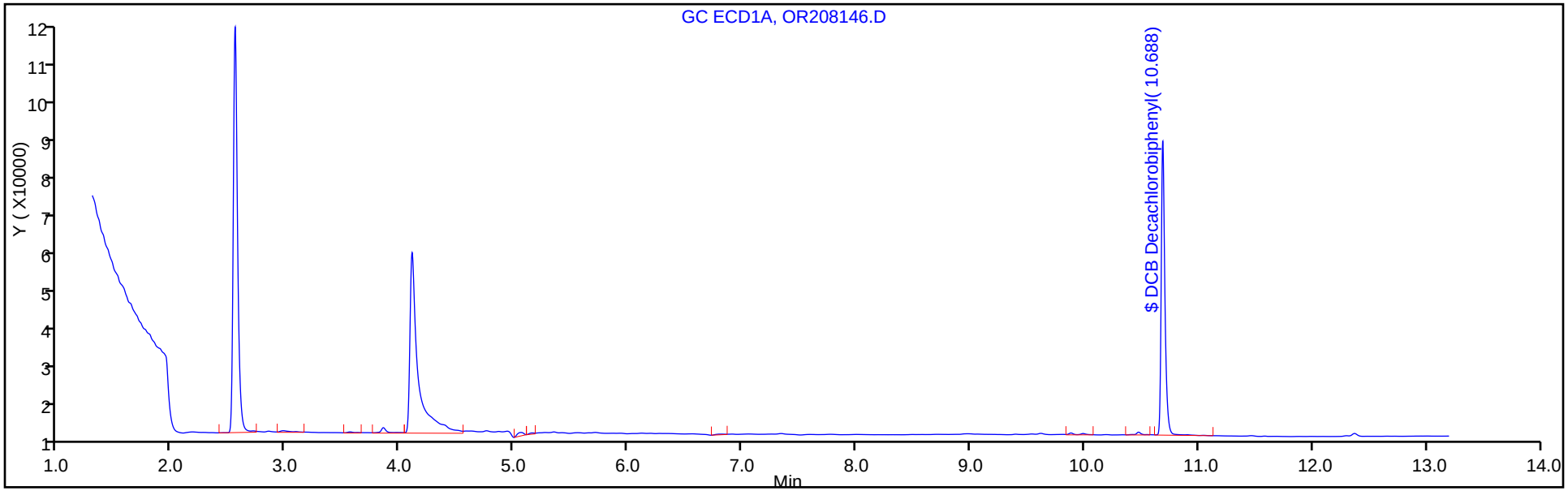
Report Date: 17-Sep-2013 15:22:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

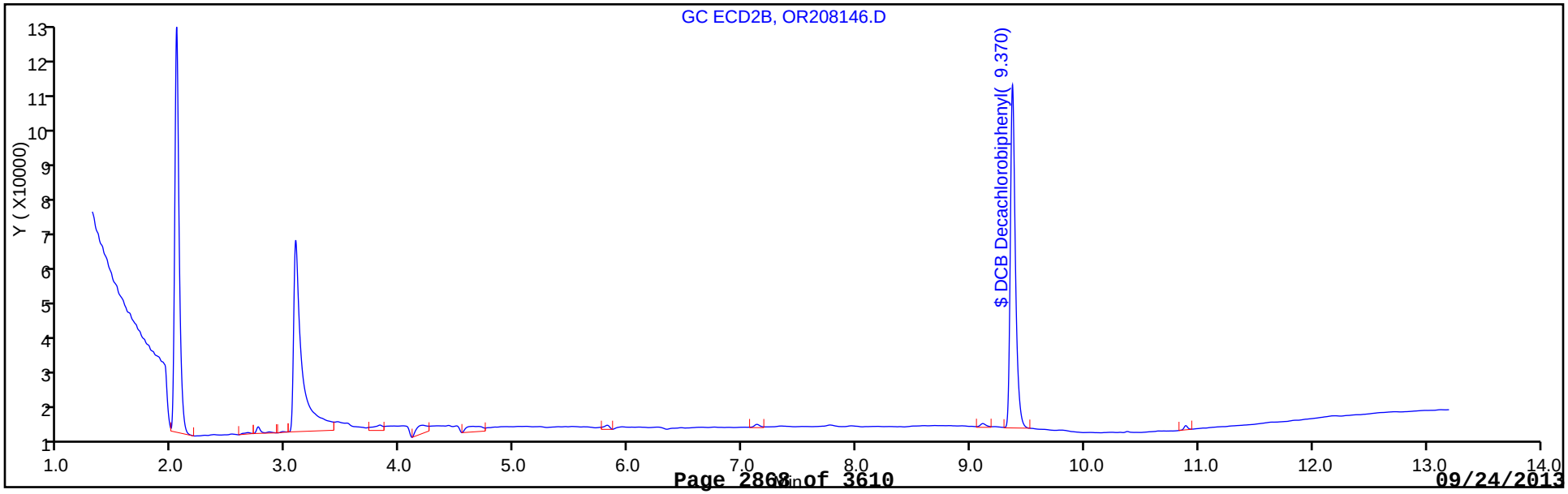
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208146.D

Injection Date:	17-Sep-2013 13:57:30	Limit Group:	GC 8082 PCB
Client ID:	DUP3-091313	Instrument ID:	CPESTGC7
Lims Batch ID:	181779	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP3-091313 | Lab Sample ID: 460-62993-43

Matrix: Solid | Lab File ID: OR208146.D

Analysis Method: 8082 | Date Collected: 09/13/2013 00:00

Extraction Method: 3546 | Date Extracted: 09/17/2013 04:50

Sample wt/vol: 15.01(g) | Date Analyzed: 09/17/2013 13:57

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 17.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181779 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	18	U	82	18
11104-28-2	Aroclor 1221	18	U	82	18
11141-16-5	Aroclor 1232	18	U	82	18
53469-21-9	Aroclor 1242	18	U	82	18
12672-29-6	Aroclor 1248	18	U	82	18
11097-69-1	Aroclor 1254	23	U	82	23
11096-82-5	Aroclor 1260	23	U	82	23
37324-23-5	Aroclor 1262	23	U	82	23
11100-14-4	Aroclor 1268	23	U	82	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208146.D		
Lims ID:	460-62993-E-43-A	Client ID:	DUP3-091313
Inject. Date:	17-Sep-2013 13:57:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004712-020		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	181779	Lims Sample ID:	20
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 15:22:15	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK035		

First Level Reviewer: patelji Date: 17-Sep-2013 14:26:30

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.688	10.710	-0.022	167525	43.0	
2	9.370	9.377	-0.007	286578	40.6	
					RPD = 5.57	

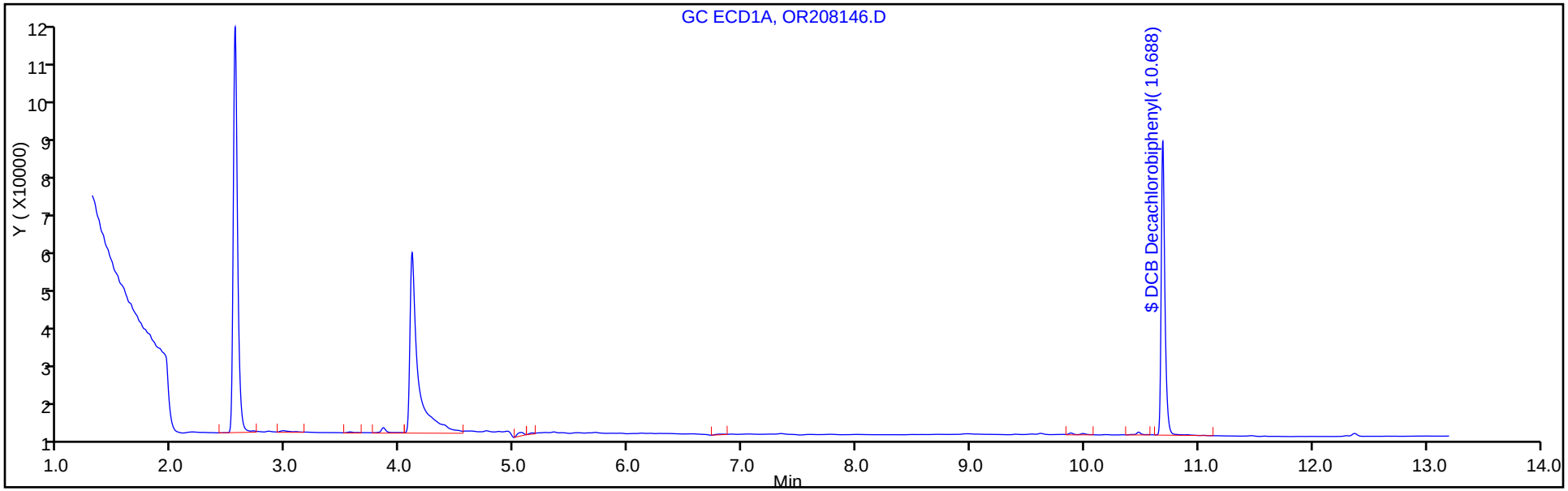
Report Date: 17-Sep-2013 15:22:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

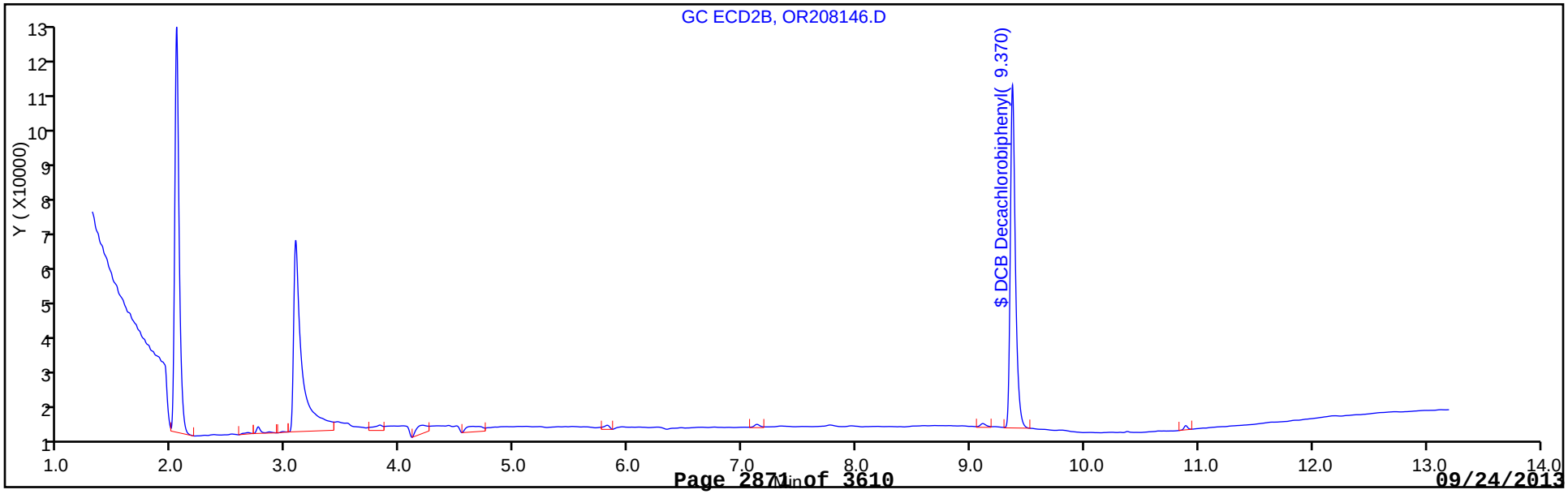
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208146.D

Injection Date:	17-Sep-2013 13:57:30	Limit Group:	GC 8082 PCB
Client ID:	DUP3-091313	Instrument ID:	CPESTGC7
Lims Batch ID:	181779	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: FB-091313 Lab Sample ID: 460-62993-44

Matrix: Water Lab File ID: QR097403.D

Analysis Method: 8082 Date Collected: 09/13/2013 13:00

Extraction Method: 3510C Date Extracted: 09/16/2013 08:47

Sample wt/vol: 125(mL) Date Analyzed: 09/18/2013 05:30

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181958 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	57		37-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097403.D		
Lims ID:	460-62993-E-44-A	Client ID:	FB-091313
Inject. Date:	18-Sep-2013 05:30:08	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004724-060		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	60
Lims Batch ID:	181958	Lims Sample ID:	60
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\GC8_8082LVI.m		
Last Update:	18-Sep-2013 11:35:21	Calib Date:	26-Aug-2013 16:57:49
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130826-3994.b\QR096838.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: kapoors Date: 18-Sep-2013 11:13:20

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	11.470	11.503	-0.033	28070527	57.1	
2	10.475	10.483	-0.008	51271431	61.7	
					RPD = 7.75	

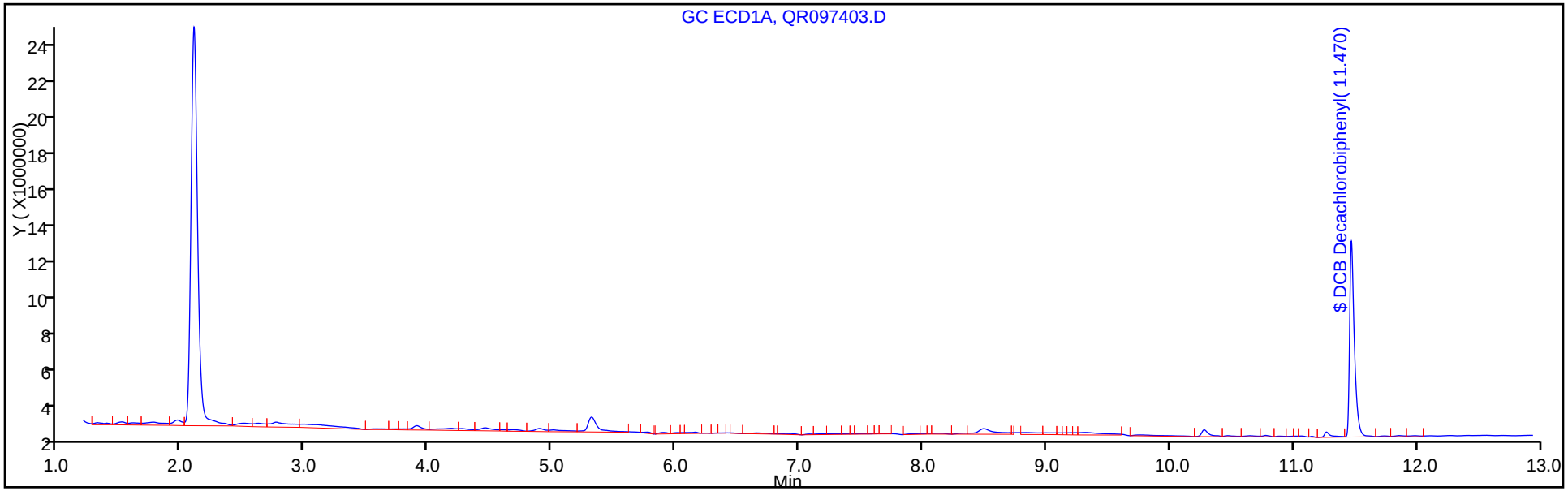
Report Date: 18-Sep-2013 11:36:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

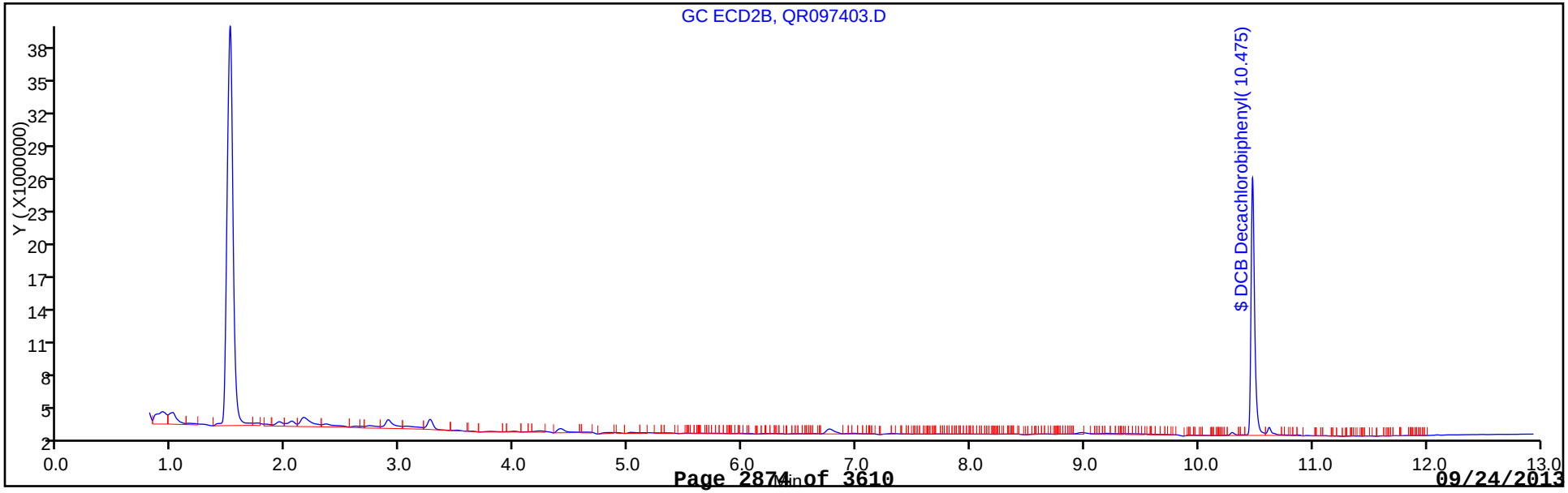
Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097403.D

Injection Date:	18-Sep-2013 05:30:08	Limit Group:	GC 8082 PCB
Client ID:	FB-091313	Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	60
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: FB-091313 | Lab Sample ID: 460-62993-44

Matrix: Water | Lab File ID: QR097403.D

Analysis Method: 8082 | Date Collected: 09/13/2013 13:00

Extraction Method: 3510C | Date Extracted: 09/16/2013 08:47

Sample wt/vol: 125(mL) | Date Analyzed: 09/18/2013 05:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181958 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.27	U	0.40	0.27
11104-28-2	Aroclor 1221	0.27	U	0.40	0.27
11141-16-5	Aroclor 1232	0.27	U	0.40	0.27
53469-21-9	Aroclor 1242	0.27	U	0.40	0.27
12672-29-6	Aroclor 1248	0.27	U	0.40	0.27
11097-69-1	Aroclor 1254	0.21	U	0.40	0.21
11096-82-5	Aroclor 1260	0.21	U	0.40	0.21
37324-23-5	Aroclor 1262	0.21	U	0.40	0.21
11100-14-4	Aroclor 1268	0.21	U	0.40	0.21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	62		37-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097403.D		
Lims ID:	460-62993-E-44-A	Client ID:	FB-091313
Inject. Date:	18-Sep-2013 05:30:08	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004724-060		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	60
Lims Batch ID:	181958	Lims Sample ID:	60
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\GC8_8082LVI.m		
Last Update:	18-Sep-2013 11:35:21	Calib Date:	26-Aug-2013 16:57:49
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130826-3994.b\QR096838.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: kapoors Date: 18-Sep-2013 11:13:20

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	11.470	11.503	-0.033	28070527	57.1	
2	10.475	10.483	-0.008	51271431	61.7	
					RPD = 7.75	

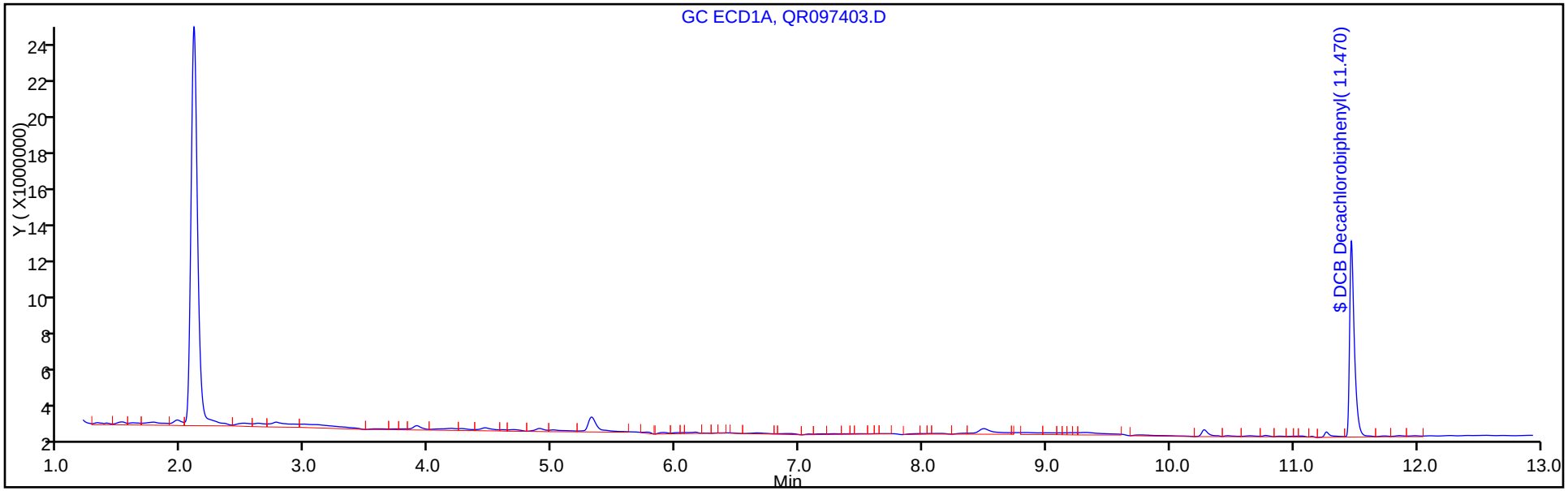
Report Date: 18-Sep-2013 11:36:02 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

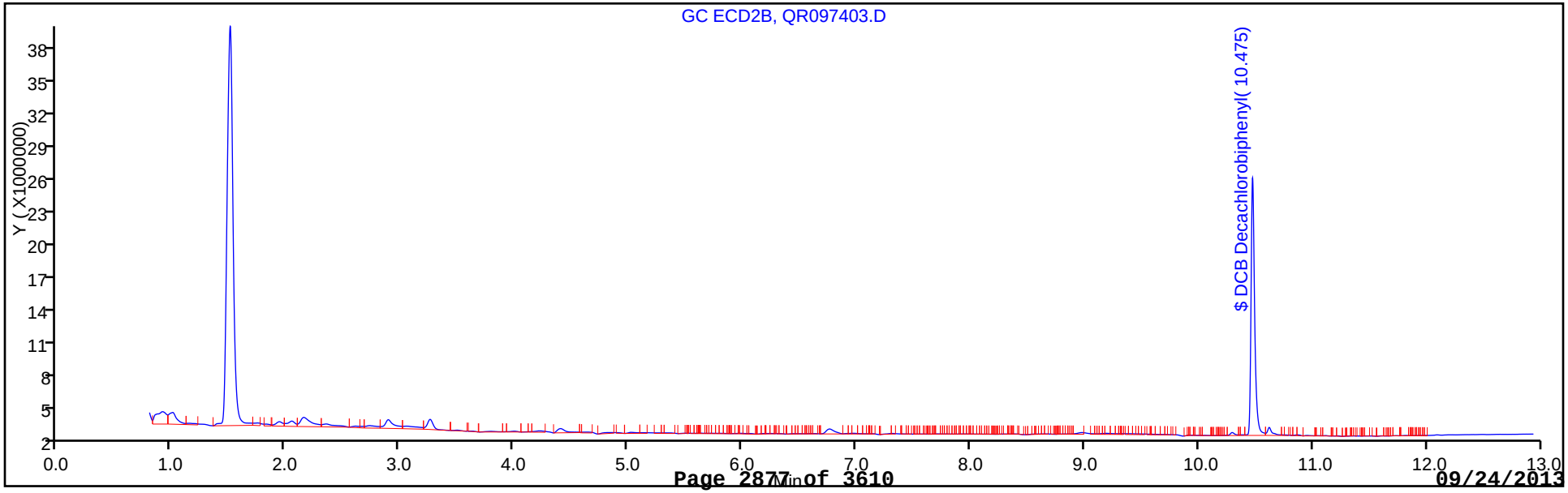
Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097403.D

Injection Date:	18-Sep-2013 05:30:08	Limit Group:	GC 8082 PCB
Client ID:	FB-091313	Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	60
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 12:31 Calibration End Date: 09/16/2013 13:45 Calibration ID: 29623

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/2	T023089.D
Level 2	IC 460-181558/3	T023090.D
Level 3	IC 460-181558/4	T023091.D
Level 4	IC 460-181558/5	T023092.D
Level 5	IC 460-181558/6	T023093.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.902	2.902	2.901	2.899	2.900						2.831 - 2.971	2.901
PCB-1016 Peak 2	3.556	3.557	3.558	3.556	3.554						3.488 - 3.628	3.556
PCB-1016 Peak 3	4.383	4.379	4.379	4.376	4.379						4.309 - 4.449	4.379
PCB-1016 Peak 4	5.437	5.438	5.437	5.433	5.434						5.367 - 5.507	5.436
PCB-1016 Peak 5	5.643	5.644	5.643	5.639	5.641						5.573 - 5.713	5.642
PCB-1260 Peak 1	7.605	7.603	7.599	7.599	7.600						7.529 - 7.669	7.601
PCB-1260 Peak 2	8.042	8.037	8.037	8.035	8.036						7.967 - 8.107	8.037
PCB-1260 Peak 3	9.776	9.776	9.773	9.773	9.774						9.703 - 9.843	9.774
PCB-1260 Peak 4	10.171	10.171	10.168	10.168	10.168						10.098 - 10.238	10.169
PCB-1260 Peak 5	11.008	11.007	11.006	11.007	11.008						10.936 - 11.076	11.007
Tetrachloro-m-xylene	2.201	2.199	2.201	2.198	2.201						2.151 - 2.251	2.200
DCB Decachlorobiphenyl	11.446	11.446	11.444	11.447	11.450						11.344 - 11.544	11.447

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 12:31 Calibration End Date: 09/16/2013 13:45 Calibration ID: 29623

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/2	T023089.D
Level 2	IC 460-181558/3	T023090.D
Level 3	IC 460-181558/4	T023091.D
Level 4	IC 460-181558/5	T023092.D
Level 5	IC 460-181558/6	T023093.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	9086.9 7862.5	8264.8	7767.8	8050.7	Ave		8206.53767				6.4		20.0			
PCB-1016 Peak 2	17796 15723	16523	16151	16254	Ave		16489.2896				4.8		20.0			
PCB-1016 Peak 3	37124 35121	34355	32902	35098	Ave		34920.1072				4.4		20.0			
PCB-1016 Peak 4	10954 10434	10741	10162	10435	Ave		10545.2661				2.9		20.0			
PCB-1016 Peak 5	13395 11798	12181	11634	12051	Ave		12211.7692				5.7		20.0			
PCB-1260 Peak 1	22583 20707	20982	20474	21188	Ave		21186.7993				3.9		20.0			
PCB-1260 Peak 2	30012 24376	24587	23816	24968	Ave		25551.6630				9.9		20.0			
PCB-1260 Peak 3	21819 19441	19666	18879	19977	Ave		19956.7880				5.6		20.0			
PCB-1260 Peak 4	40982 41240	38466	37967	41200	Ave		39971.0605				4.0		20.0			
PCB-1260 Peak 5	13349 10407	10558	9976.6	10533	Ave		10964.5889				12.0		20.0			
Tetrachloro-m-xylene	458026 502542	461955	463219	478090	Ave		472766.522				3.9		20.0			
DCB Decachlorobiphenyl	298819 307417	292207	289833	293155	Ave		296286.069				2.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 12:31 Calibration End Date: 09/16/2013 13:45 Calibration ID: 29623

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/2	T023089.D
Level 2	IC 460-181558/3	T023090.D
Level 3	IC 460-181558/4	T023091.D
Level 4	IC 460-181558/5	T023092.D
Level 5	IC 460-181558/6	T023093.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	908686	4132424	7767811	12075977	19656295	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	1779579	8261511	16151244	24380466	39306870	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	3712415	17177660	32902109	52646992	87802406	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	1095426	5370584	10161757	15652175	26085906	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	1339538	6090465	11633819	18075816	29495433	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	2258346	10490864	20474221	31781827	51766757	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	3001151	12293706	23816198	37451377	60939026	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	2181934	9833219	18879493	29966000	48603339	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	4098243	19233007	37967221	61800200	103098760	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	1334894	5278906	9976574	15798886	26017570	100	500	1000	1500	2500
Tetrachloro-m-xylene	Ave	11450643	23097754	46321940	71713511	100508467	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	7470463	14610354	28983255	43973283	61483395	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.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 12:31 Calibration End Date: 09/16/2013 13:45 Calibration ID: 29624

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/2	T023089.D
Level 2	IC 460-181558/3	T023090.D
Level 3	IC 460-181558/4	T023091.D
Level 4	IC 460-181558/5	T023092.D
Level 5	IC 460-181558/6	T023093.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.044	2.043	2.039	2.040	2.043						1.969 - 2.109	2.042
PCB-1016 Peak 2	2.486	2.486	2.482	2.484	2.486						2.412 - 2.552	2.485
PCB-1016 Peak 3	3.089	3.086	3.083	3.084	3.086						3.013 - 3.153	3.086
PCB-1016 Peak 4	3.284	3.285	3.280	3.283	3.283						3.210 - 3.350	3.283
PCB-1016 Peak 5	3.997	3.996	3.989	3.993	3.993						3.919 - 4.059	3.994
PCB-1260 Peak 1	6.032	6.031	6.026	6.028	6.028						5.956 - 6.096	6.029
PCB-1260 Peak 2	7.559	7.559	7.554	7.556	7.556						7.484 - 7.624	7.557
PCB-1260 Peak 3	8.196	8.196	8.188	8.190	8.191						8.118 - 8.258	8.192
PCB-1260 Peak 4	8.839	8.836	8.829	8.833	8.834						8.759 - 8.899	8.834
PCB-1260 Peak 5	10.129	10.128	10.125	10.127	10.127						10.055 - 10.195	10.127
Tetrachloro-m-xylene	1.613	1.612	1.609	1.610	1.613						1.559 - 1.659	1.611
DCB Decachlorobiphenyl	10.616	10.616	10.614	10.615	10.616						10.514 - 10.714	10.615

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 12:31 Calibration End Date: 09/16/2013 13:45 Calibration ID: 29624

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/2	T023089.D
Level 2	IC 460-181558/3	T023090.D
Level 3	IC 460-181558/4	T023091.D
Level 4	IC 460-181558/5	T023092.D
Level 5	IC 460-181558/6	T023093.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	88317 62972	70068	63083	64195	Ave		69727.2143				15.0		20.0			
PCB-1016 Peak 2	113823 104029	107440	103445	106416	Ave		107030.581				3.9		20.0			
PCB-1016 Peak 3	232525 226345	226003	218801	230772	Ave		226889.146				2.3		20.0			
PCB-1016 Peak 4	83717 90068	88542	87969	92014	Ave		88462.0869				3.5		20.0			
PCB-1016 Peak 5	95147 89219	87539	86363	90473	Ave		89748.3042				3.8		20.0			
PCB-1260 Peak 1	134965 126570	126321	122874	128219	Ave		127790.057				3.5		20.0			
PCB-1260 Peak 2	133454 128882	124725	123503	130393	Ave		128191.508				3.2		20.0			
PCB-1260 Peak 3	273675 286914	271564	270296	287987	Ave		278087.225				3.1		20.0			
PCB-1260 Peak 4	165132 150940	148407	144323	152831	Ave		152326.473				5.1		20.0			
PCB-1260 Peak 5	73551 74231	72940	70288	72655	Ave		72733.1748				2.1		20.0			
Tetrachloro-m-xylene	2961994 3158372	3017482	3014469	3041382	Ave		3038739.88				2.4		20.0			
DCB Decachlorobiphenyl	2195664 2212055	2133059	2144398	2122556	Ave		2161546.64				1.8		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 12:31 Calibration End Date: 09/16/2013 13:45 Calibration ID: 29624

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/2	T023089.D
Level 2	IC 460-181558/3	T023090.D
Level 3	IC 460-181558/4	T023091.D
Level 4	IC 460-181558/5	T023092.D
Level 5	IC 460-181558/6	T023093.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	8831743	35034219	63083418	96292885	157428822	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	11382329	53720133	103444996	159623434	260071823	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	23252509	113001374	218801013	346158200	565861869	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	8371703	44271212	87968918	138020349	225171241	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	9514690	43769634	86363345	135708875	223048562	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	13496532	63160577	122873838	192329248	316426192	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	13345402	62362310	123503364	195589593	322206191	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	27367507	135782073	270296141	431980155	717284997	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	16513212	74203382	144323024	229246268	377349034	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	7355103	36469942	70288207	108982916	185578689	100	500	1000	1500	2500
Tetrachloro-m-xylene	Ave	74049840	150874105	301446901	456207351	631674474	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	54891605	106652963	214439782	318383461	442411099	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.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:04 Calibration End Date: 09/16/2013 14:04 Calibration ID: 29629

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/7	T023094.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.629										1.559 - 1.699	1.629
PCB-1221 Peak 2	2.619										2.549 - 2.689	2.619
PCB-1221 Peak 3	2.818										2.748 - 2.888	2.818
PCB-1221 Peak 4	2.903										2.833 - 2.973	2.903
PCB-1221 Peak 5	3.652										3.582 - 3.722	3.652

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:04 Calibration End Date: 09/16/2013 14:04 Calibration ID: 29629

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/7	T023094.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	3694.1				Ave		3694.09400						20.0			
PCB-1221 Peak 2	4838.6				Ave		4838.63200						20.0			
PCB-1221 Peak 3	3260.3				Ave		3260.27200						20.0			
PCB-1221 Peak 4	11666				Ave		11665.8640						20.0			
PCB-1221 Peak 5	1673.2				Ave		1673.21100						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.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:04 Calibration End Date: 09/16/2013 14:04 Calibration ID: 29629

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/7	T023094.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	3694094					1000				
PCB-1221 Peak 2	Ave	4838632					1000				
PCB-1221 Peak 3	Ave	3260272					1000				
PCB-1221 Peak 4	Ave	11665864					1000				
PCB-1221 Peak 5	Ave	1673211					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:04 Calibration End Date: 09/16/2013 14:04 Calibration ID: 29630

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/7	T023094.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.078										1.008 - 1.148	1.078
PCB-1221 Peak 2	1.823										1.753 - 1.893	1.823
PCB-1221 Peak 3	2.046										1.976 - 2.116	2.046
PCB-1221 Peak 4	2.644										2.574 - 2.714	2.644
PCB-1221 Peak 5	3.093										3.023 - 3.163	3.093

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:04 Calibration End Date: 09/16/2013 14:04 Calibration ID: 29630

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/7	T023094.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	22990				Ave		22989.8410						20.0			
PCB-1221 Peak 2	29772				Ave		29772.0260						20.0			
PCB-1221 Peak 3	81970				Ave		81970.1220						20.0			
PCB-1221 Peak 4	10808				Ave		10807.7190						20.0			
PCB-1221 Peak 5	13994				Ave		13993.7530						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.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:04 Calibration End Date: 09/16/2013 14:04 Calibration ID: 29630

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/7	T023094.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	22989841					1000				
PCB-1221 Peak 2	Ave	29772026					1000				
PCB-1221 Peak 3	Ave	81970122					1000				
PCB-1221 Peak 4	Ave	10807719					1000				
PCB-1221 Peak 5	Ave	13993753					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:23 Calibration End Date: 09/16/2013 14:23 Calibration ID: 29635

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/8	T023095.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.903										2.833 - 2.973	2.903
PCB-1232 Peak 2	3.554										3.484 - 3.624	3.554
PCB-1232 Peak 3	4.622										4.552 - 4.692	4.622
PCB-1232 Peak 4	5.435										5.365 - 5.505	5.435
PCB-1232 Peak 5	5.641										5.571 - 5.711	5.641

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:23 Calibration End Date: 09/16/2013 14:23 Calibration ID: 29635

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/8	T023095.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	9739.2				Ave		9739.15700						20.0			
PCB-1232 Peak 2	7654.4				Ave		7654.38600						20.0			
PCB-1232 Peak 3	6372.6				Ave		6372.62500						20.0			
PCB-1232 Peak 4	4241.1				Ave		4241.11200						20.0			
PCB-1232 Peak 5	4853.8				Ave		4853.80000						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.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:23 Calibration End Date: 09/16/2013 14:23 Calibration ID: 29635

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/8	T023095.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	9739157					1000				
PCB-1232 Peak 2	Ave	7654386					1000				
PCB-1232 Peak 3	Ave	6372625					1000				
PCB-1232 Peak 4	Ave	4241112					1000				
PCB-1232 Peak 5	Ave	4853800					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:23 Calibration End Date: 09/16/2013 14:23 Calibration ID: 29636

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/8	T023095.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.045										1.975 - 2.115	2.045
PCB-1232 Peak 2	2.489										2.419 - 2.559	2.489
PCB-1232 Peak 3	3.089										3.019 - 3.159	3.089
PCB-1232 Peak 4	3.286										3.216 - 3.356	3.286
PCB-1232 Peak 5	3.997										3.927 - 4.067	3.997

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:23 Calibration End Date: 09/16/2013 14:23 Calibration ID: 29636

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/8	T023095.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	90338				Ave		90338.1390						20.0			
PCB-1232 Peak 2	48975				Ave		48974.9160						20.0			
PCB-1232 Peak 3	102597				Ave		102597.059						20.0			
PCB-1232 Peak 4	40711				Ave		40711.0590						20.0			
PCB-1232 Peak 5	36400				Ave		36400.4340						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.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:23 Calibration End Date: 09/16/2013 14:23 Calibration ID: 29636

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/8	T023095.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	90338139					1000				
PCB-1232 Peak 2	Ave	48974916					1000				
PCB-1232 Peak 3	Ave	102597059					1000				
PCB-1232 Peak 4	Ave	40711059					1000				
PCB-1232 Peak 5	Ave	36400434					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:41 Calibration End Date: 09/16/2013 14:41 Calibration ID: 29641

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/9	T023096.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.904										2.834 - 2.974	2.904
PCB-1242 Peak 2	3.557										3.487 - 3.627	3.557
PCB-1242 Peak 3	4.379										4.309 - 4.449	4.379
PCB-1242 Peak 4	4.625										4.555 - 4.695	4.625
PCB-1242 Peak 5	6.147										6.077 - 6.217	6.147

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:41 Calibration End Date: 09/16/2013 14:41 Calibration ID: 29641

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/9	T023096.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	7556.5				Ave		7556.54300						20.0			
PCB-1242 Peak 2	15696				Ave		15696.4170						20.0			
PCB-1242 Peak 3	31203				Ave		31202.5370						20.0			
PCB-1242 Peak 4	12743				Ave		12742.6470						20.0			
PCB-1242 Peak 5	11279				Ave		11278.9080						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.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:41 Calibration End Date: 09/16/2013 14:41 Calibration ID: 29641

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/9	T023096.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	7556543					1000				
PCB-1242 Peak 2	Ave	15696417					1000				
PCB-1242 Peak 3	Ave	31202537					1000				
PCB-1242 Peak 4	Ave	12742647					1000				
PCB-1242 Peak 5	Ave	11278908					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:41 Calibration End Date: 09/16/2013 14:41 Calibration ID: 29642

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/9	T023096.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.046										1.976 - 2.116	2.046
PCB-1242 Peak 2	2.487										2.417 - 2.557	2.487
PCB-1242 Peak 3	3.088										3.018 - 3.158	3.088
PCB-1242 Peak 4	3.286										3.216 - 3.356	3.286
PCB-1242 Peak 5	3.996										3.926 - 4.066	3.996

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:41 Calibration End Date: 09/16/2013 14:41 Calibration ID: 29642

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/9	T023096.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	65721				Ave		65721.3830						20.0			
PCB-1242 Peak 2	99896				Ave		99895.7130						20.0			
PCB-1242 Peak 3	206569				Ave		206569.122						20.0			
PCB-1242 Peak 4	82898				Ave		82897.6800						20.0			
PCB-1242 Peak 5	82514				Ave		82513.8860						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.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 14:41 Calibration End Date: 09/16/2013 14:41 Calibration ID: 29642

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/9	T023096.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	65721383					1000				
PCB-1242 Peak 2	Ave	99895713					1000				
PCB-1242 Peak 3	Ave	206569122					1000				
PCB-1242 Peak 4	Ave	82897680					1000				
PCB-1242 Peak 5	Ave	82513886					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:00 Calibration End Date: 09/16/2013 15:00 Calibration ID: 29647

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/10	T023097.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.554										3.484 - 3.624	3.554
PCB-1248 Peak 2	4.372										4.302 - 4.442	4.372
PCB-1248 Peak 3	4.980										4.910 - 5.050	4.980
PCB-1248 Peak 4	6.072										6.002 - 6.142	6.072
PCB-1248 Peak 5	6.143										6.073 - 6.213	6.143

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:00 Calibration End Date: 09/16/2013 15:00 Calibration ID: 29647

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/10	T023097.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	7247.9				Ave		7247.92600						20.0			
PCB-1248 Peak 2	18233				Ave		18233.1610						20.0			
PCB-1248 Peak 3	10509				Ave		10509.2550						20.0			
PCB-1248 Peak 4	15488				Ave		15488.4200						20.0			
PCB-1248 Peak 5	17357				Ave		17356.8850						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.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:00 Calibration End Date: 09/16/2013 15:00 Calibration ID: 29647

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/10	T023097.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	7247926					1000				
PCB-1248 Peak 2	Ave	18233161					1000				
PCB-1248 Peak 3	Ave	10509255					1000				
PCB-1248 Peak 4	Ave	15488420					1000				
PCB-1248 Peak 5	Ave	17356885					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:00 Calibration End Date: 09/16/2013 15:00 Calibration ID: 29648

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/10	T023097.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.485										2.415 - 2.555	2.485
PCB-1248 Peak 2	3.082										3.012 - 3.152	3.082
PCB-1248 Peak 3	3.992										3.922 - 4.062	3.992
PCB-1248 Peak 4	4.721										4.651 - 4.791	4.721
PCB-1248 Peak 5	5.080										5.010 - 5.150	5.080

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:00 Calibration End Date: 09/16/2013 15:00 Calibration ID: 29648

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/10	T023097.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	45908				Ave		45908.1170						20.0			
PCB-1248 Peak 2	119453				Ave		119453.003						20.0			
PCB-1248 Peak 3	113122				Ave		113122.093						20.0			
PCB-1248 Peak 4	189117				Ave		189117.346						20.0			
PCB-1248 Peak 5	82339				Ave		82338.6740						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.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:00 Calibration End Date: 09/16/2013 15:00 Calibration ID: 29648

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/10	T023097.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	45908117					1000				
PCB-1248 Peak 2	Ave	119453003					1000				
PCB-1248 Peak 3	Ave	113122093					1000				
PCB-1248 Peak 4	Ave	189117346					1000				
PCB-1248 Peak 5	Ave	82338674					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:19 Calibration End Date: 09/16/2013 15:19 Calibration ID: 29653

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/11	T023098.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	6.139										6.069 - 6.209	6.139
PCB-1254 Peak 2	6.457										6.387 - 6.527	6.457
PCB-1254 Peak 3	7.023										6.953 - 7.093	7.023
PCB-1254 Peak 4	7.230										7.160 - 7.300	7.230
PCB-1254 Peak 5	8.888										8.818 - 8.958	8.888

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:19 Calibration End Date: 09/16/2013 15:19 Calibration ID: 29653

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/11	T023098.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	16414				Ave		16413.6520						20.0			
PCB-1254 Peak 2	18483				Ave		18483.0420						20.0			
PCB-1254 Peak 3	14584				Ave		14583.7600						20.0			
PCB-1254 Peak 4	30236				Ave		30236.4590						20.0			
PCB-1254 Peak 5	28022				Ave		28021.7190						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.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:19 Calibration End Date: 09/16/2013 15:19 Calibration ID: 29653

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/11	T023098.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	16413652					1000				
PCB-1254 Peak 2	Ave	18483042					1000				
PCB-1254 Peak 3	Ave	14583760					1000				
PCB-1254 Peak 4	Ave	30236459					1000				
PCB-1254 Peak 5	Ave	28021719					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:19 Calibration End Date: 09/16/2013 15:19 Calibration ID: 29654

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/11	T023098.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	5.529										5.459 - 5.599	5.529
PCB-1254 Peak 2	5.727										5.657 - 5.797	5.727
PCB-1254 Peak 3	6.179										6.109 - 6.249	6.179
PCB-1254 Peak 4	6.481										6.411 - 6.551	6.481
PCB-1254 Peak 5	6.923										6.853 - 6.993	6.923

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:19 Calibration End Date: 09/16/2013 15:19 Calibration ID: 29654

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/11	T023098.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	99620				Ave		99620.1300						20.0			
PCB-1254 Peak 2	175437				Ave		175437.491						20.0			
PCB-1254 Peak 3	134438				Ave		134438.187						20.0			
PCB-1254 Peak 4	117871				Ave		117870.523						20.0			
PCB-1254 Peak 5	175781				Ave		175780.586						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.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:19 Calibration End Date: 09/16/2013 15:19 Calibration ID: 29654

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/11	T023098.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	99620130					1000				
PCB-1254 Peak 2	Ave	175437491					1000				
PCB-1254 Peak 3	Ave	134438187					1000				
PCB-1254 Peak 4	Ave	117870523					1000				
PCB-1254 Peak 5	Ave	175780586					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:38 Calibration End Date: 09/16/2013 15:38 Calibration ID: 29659

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/12	T023099.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	7.602										7.532 - 7.672	7.602
PCB-1262 Peak 2	8.038										7.968 - 8.108	8.038
PCB-1262 Peak 3	9.136										9.066 - 9.206	9.136
PCB-1262 Peak 4	10.534										10.464 - 10.604	10.534
PCB-1262 Peak 5	11.007										10.937 - 11.077	11.007

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:38 Calibration End Date: 09/16/2013 15:38 Calibration ID: 29659

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/12	T023099.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	17037				Ave		17037.1850						20.0			
PCB-1262 Peak 2	19873				Ave		19873.3970						20.0			
PCB-1262 Peak 3	27665				Ave		27665.1960						20.0			
PCB-1262 Peak 4	32235				Ave		32235.2680						20.0			
PCB-1262 Peak 5	16096				Ave		16095.7740						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.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:38 Calibration End Date: 09/16/2013 15:38 Calibration ID: 29659

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/12	T023099.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	17037185					1000				
PCB-1262 Peak 2	Ave	19873397					1000				
PCB-1262 Peak 3	Ave	27665196					1000				
PCB-1262 Peak 4	Ave	32235268					1000				
PCB-1262 Peak 5	Ave	16095774					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:38 Calibration End Date: 09/16/2013 15:38 Calibration ID: 29660

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/12	T023099.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	6.032										5.962 - 6.102	6.032
PCB-1262 Peak 2	7.126										7.056 - 7.196	7.126
PCB-1262 Peak 3	8.837										8.767 - 8.907	8.837
PCB-1262 Peak 4	9.056										8.986 - 9.126	9.056
PCB-1262 Peak 5	10.129										10.059 - 10.199	10.129

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:38 Calibration End Date: 09/16/2013 15:38 Calibration ID: 29660

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/12	T023099.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	101881				Ave		101880.592						20.0			
PCB-1262 Peak 2	176771				Ave		176770.558						20.0			
PCB-1262 Peak 3	123695				Ave		123695.280						20.0			
PCB-1262 Peak 4	143840				Ave		143839.577						20.0			
PCB-1262 Peak 5	112938				Ave		112937.602						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.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:38 Calibration End Date: 09/16/2013 15:38 Calibration ID: 29660

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/12	T023099.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	101880592					1000				
PCB-1262 Peak 2	Ave	176770558					1000				
PCB-1262 Peak 3	Ave	123695280					1000				
PCB-1262 Peak 4	Ave	143839577					1000				
PCB-1262 Peak 5	Ave	112937602					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:56 Calibration End Date: 09/16/2013 15:56 Calibration ID: 29665

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/13	T023100.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	10.530										10.460 - 10.600	10.530
PCB-1268 Peak 2	10.569										10.499 - 10.639	10.569
PCB-1268 Peak 3	10.779										10.709 - 10.849	10.779
PCB-1268 Peak 4	11.007										10.937 - 11.077	11.007
PCB-1268 Peak 5	11.256										11.186 - 11.326	11.256

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:56 Calibration End Date: 09/16/2013 15:56 Calibration ID: 29665

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/13	T023100.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	50199				Ave		50199.4240						20.0			
PCB-1268 Peak 2	46039				Ave		46039.1240						20.0			
PCB-1268 Peak 3	38308				Ave		38307.6780						20.0			
PCB-1268 Peak 4	16753				Ave		16753.1510						20.0			
PCB-1268 Peak 5	125271				Ave		125270.733						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.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:56 Calibration End Date: 09/16/2013 15:56 Calibration ID: 29665

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/13	T023100.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	50199424					1000				
PCB-1268 Peak 2	Ave	46039124					1000				
PCB-1268 Peak 3	Ave	38307678					1000				
PCB-1268 Peak 4	Ave	16753151					1000				
PCB-1268 Peak 5	Ave	125270733					1000				

Curve Type Legend:
Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:56 Calibration End Date: 09/16/2013 15:56 Calibration ID: 29666

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/13	T023100.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	8.943										8.873 - 9.013	8.943
PCB-1268 Peak 2	9.039										8.969 - 9.109	9.039
PCB-1268 Peak 3	9.506										9.436 - 9.576	9.506
PCB-1268 Peak 4	10.128										10.058 - 10.198	10.128
PCB-1268 Peak 5	10.448										10.378 - 10.518	10.448

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:56 Calibration End Date: 09/16/2013 15:56 Calibration ID: 29666

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/13	T023100.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	390099				Ave		390099.184						20.0			
PCB-1268 Peak 2	362545				Ave		362544.803						20.0			
PCB-1268 Peak 3	304105				Ave		304105.387						20.0			
PCB-1268 Peak 4	125739				Ave		125739.466						20.0			
PCB-1268 Peak 5	896206				Ave		896205.983						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.: 460-62993-1 Analy Batch No.: 181558

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2013 15:56 Calibration End Date: 09/16/2013 15:56 Calibration ID: 29666

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181558/13	T023100.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	390099184					1000				
PCB-1268 Peak 2	Ave	362544803					1000				
PCB-1268 Peak 3	Ave	304105387					1000				
PCB-1268 Peak 4	Ave	125739466					1000				
PCB-1268 Peak 5	Ave	896205983					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 11:13 Calibration End Date: 09/13/2013 12:20 Calibration ID: 29568

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/2	OR207936.D
Level 2	IC 460-181156/3	OR207937.D
Level 3	IC 460-181156/4	OR207938.D
Level 4	IC 460-181156/5	OR207939.D
Level 5	IC 460-181156/6	OR207940.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	3.092	3.087	3.092	3.092	3.093						3.022 - 3.162	3.091
PCB-1016 Peak 2	3.565	3.560	3.565	3.565	3.567						3.495 - 3.635	3.564
PCB-1016 Peak 3	4.108	4.103	4.108	4.108	4.110						4.038 - 4.178	4.107
PCB-1016 Peak 4	4.870	4.867	4.870	4.870	4.872						4.800 - 4.940	4.870
PCB-1016 Peak 5	5.028	5.025	5.030	5.028	5.030						4.960 - 5.100	5.028
PCB-1260 Peak 1	6.575	6.570	6.575	6.573	6.575						6.505 - 6.645	6.574
PCB-1260 Peak 2	6.920	6.915	6.920	6.918	6.922						6.850 - 6.990	6.919
PCB-1260 Peak 3	8.497	8.492	8.497	8.497	8.500						8.427 - 8.567	8.497
PCB-1260 Peak 4	9.008	9.005	9.007	9.008	9.008						8.937 - 9.077	9.007
PCB-1260 Peak 5	10.187	10.185	10.185	10.185	10.187						10.115 - 10.255	10.186
Tetrachloro-m-xylene	2.557	2.553	2.558	2.558	2.562						2.508 - 2.608	2.558
DCB Decachlorobiphenyl	10.710	10.710	10.710	10.708	10.712						10.610 - 10.810	10.710

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 11:13 Calibration End Date: 09/13/2013 12:20 Calibration ID: 29568

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/2	OR207936.D
Level 2	IC 460-181156/3	OR207937.D
Level 3	IC 460-181156/4	OR207938.D
Level 4	IC 460-181156/5	OR207939.D
Level 5	IC 460-181156/6	OR207940.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	179.29 134.72	157.81	153.37	143.09	Ave		153.654773				11.0		20.0			
PCB-1016 Peak 2	386.88 274.59	308.46	307.42	283.69	Ave		312.206907				14.0		20.0			
PCB-1016 Peak 3	671.22 520.71	566.83	568.78	531.01	Ave		571.708640				10.0		20.0			
PCB-1016 Peak 4	198.86 169.60	185.14	179.76	175.93	Ave		181.857480				6.1		20.0			
PCB-1016 Peak 5	225.99 216.99	217.23	226.75	216.07	Ave		220.605907				2.4		20.0			
PCB-1260 Peak 1	429.75 337.77	359.03	364.23	344.38	Ave		367.032747				10.0		20.0			
PCB-1260 Peak 2	521.90 390.76	418.48	422.17	396.75	Ave		430.012627				12.0		20.0			
PCB-1260 Peak 3	483.96 374.48	385.08	393.82	375.51	Ave		402.569760				11.0		20.0			
PCB-1260 Peak 4	753.66 654.45	662.54	668.51	650.23	Ave		677.877067				6.3		20.0			
PCB-1260 Peak 5	171.00 154.40	155.25	162.11	150.75	Ave		158.703573				5.0		20.0			
Tetrachloro-m-xylene	7287.7 6784.4	6844.7	7150.0	6369.1	Ave		6887.18867				5.2		20.0			
DCB Decachlorobiphenyl	4260.8 3807.6	3914.3	4020.3	3491.5	Ave		3898.89667				7.3		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.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 11:13 Calibration End Date: 09/13/2013 12:20 Calibration ID: 29568

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/2	OR207936.D
Level 2	IC 460-181156/3	OR207937.D
Level 3	IC 460-181156/4	OR207938.D
Level 4	IC 460-181156/5	OR207939.D
Level 5	IC 460-181156/6	OR207940.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	17929	78903	153366	214636	336803	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	38688	154231	307416	425528	686478	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	67122	283416	568776	796512	1301768	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	19886	92569	179759	263901	423991	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	22599	108614	226749	324104	542483	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	42975	179517	364230	516572	844421	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	52190	209242	422171	595121	976902	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	48396	192542	393818	563259	936202	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	75366	331268	668514	975338	1636125	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	17100	77627	162112	226132	385993	100	500	1000	1500	2500
Tetrachloro-m-xylene	Ave	182193	342233	715001	955367	1356888	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	106520	195714	402034	523727	761510	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.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 11:13 Calibration End Date: 09/13/2013 12:20 Calibration ID: 29569

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/2	OR207936.D
Level 2	IC 460-181156/3	OR207937.D
Level 3	IC 460-181156/4	OR207938.D
Level 4	IC 460-181156/5	OR207939.D
Level 5	IC 460-181156/6	OR207940.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.340	2.340	2.342	2.342	2.342						2.272 - 2.412	2.341
PCB-1016 Peak 2	2.667	2.667	2.668	2.668	2.668						2.598 - 2.738	2.668
PCB-1016 Peak 3	3.122	3.122	3.123	3.123	3.122						3.053 - 3.193	3.122
PCB-1016 Peak 4	3.263	3.263	3.265	3.265	3.263						3.195 - 3.335	3.264
PCB-1016 Peak 5	3.702	3.702	3.703	3.703	3.702						3.633 - 3.773	3.702
PCB-1260 Peak 1	5.118	5.117	5.118	5.118	5.117						5.048 - 5.188	5.118
PCB-1260 Peak 2	6.275	6.275	6.277	6.275	6.275						6.207 - 6.347	6.275
PCB-1260 Peak 3	6.750	6.748	6.752	6.750	6.750						6.682 - 6.822	6.750
PCB-1260 Peak 4	7.237	7.235	7.238	7.237	7.237						7.168 - 7.308	7.237
PCB-1260 Peak 5	8.612	8.610	8.613	8.612	8.612						8.543 - 8.683	8.612
Tetrachloro-m-xylene	2.042	2.043	2.047	2.045	2.045						1.997 - 2.097	2.044
DCB Decachlorobiphenyl	9.377	9.377	9.377	9.377	9.377						9.277 - 9.477	9.377

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 11:13 Calibration End Date: 09/13/2013 12:20 Calibration ID: 29569

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/2	OR207936.D
Level 2	IC 460-181156/3	OR207937.D
Level 3	IC 460-181156/4	OR207938.D
Level 4	IC 460-181156/5	OR207939.D
Level 5	IC 460-181156/6	OR207940.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	259.39 200.41	223.44	228.54	214.57	Ave		225.271267				9.7		20.0			
PCB-1016 Peak 2	433.10 304.90	356.61	352.71	327.31	Ave		354.927760				14.0		20.0			
PCB-1016 Peak 3	862.80 721.03	749.08	783.95	738.66	Ave		771.105880				7.3		20.0			
PCB-1016 Peak 4	326.63 266.10	291.85	296.82	276.13	Ave		291.507347				7.9		20.0			
PCB-1016 Peak 5	355.97 292.25	310.67	317.68	300.77	Ave		315.466187				7.8		20.0			
PCB-1260 Peak 1	503.60 396.17	427.88	431.74	406.23	Ave		433.124133				9.7		20.0			
PCB-1260 Peak 2	469.10 379.91	390.58	405.30	382.07	Ave		405.391947				9.1		20.0			
PCB-1260 Peak 3	1055.0 925.58	939.99	973.16	929.31	Ave		964.598720				5.6		20.0			
PCB-1260 Peak 4	542.46 475.18	486.65	499.50	480.15	Ave		496.788360				5.5		20.0			
PCB-1260 Peak 5	320.78 302.98	296.02	303.60	293.11	Ave		303.298640				3.5		20.0			
Tetrachloro-m-xylene	9037.2 8596.2	8664.0	9104.6	8199.2	Ave		8720.22467				4.2		20.0			
DCB Decachlorobiphenyl	7646.6 6818.3	7111.6	7270.9	6411.5	Ave		7051.78433				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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 11:13 Calibration End Date: 09/13/2013 12:20 Calibration ID: 29569

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/2	OR207936.D
Level 2	IC 460-181156/3	OR207937.D
Level 3	IC 460-181156/4	OR207938.D
Level 4	IC 460-181156/5	OR207939.D
Level 5	IC 460-181156/6	OR207940.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	25939	111721	228543	321857	501025	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	43310	178307	352712	490968	762252	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	86280	374542	783951	1107990	1802586	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	32663	145926	296821	414194	665261	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	35597	155335	317680	451148	730614	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	50360	213938	431740	609352	990425	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	46910	195289	405300	573110	949771	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	105496	469994	973156	1393962	2313954	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	54246	243326	499499	720219	1187962	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	32078	148012	303596	439665	757458	100	500	1000	1500	2500
Tetrachloro-m-xylene	Ave	225929	433202	910458	1229873	1719238	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	191165	355579	727089	961726	1363669	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.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 12:37 Calibration End Date: 09/13/2013 12:37 Calibration ID: 29574

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/7	OR207941.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	2.102										2.032 - 2.172	2.102
PCB-1221 Peak 2	2.863										2.793 - 2.933	2.863
PCB-1221 Peak 3	3.022										2.952 - 3.092	3.022
PCB-1221 Peak 4	3.092										3.022 - 3.162	3.092
PCB-1221 Peak 5	3.628										3.558 - 3.698	3.628

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 12:37 Calibration End Date: 09/13/2013 12:37 Calibration ID: 29574

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/7	OR207941.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	66.713				Ave		66.7130000						20.0			
PCB-1221 Peak 2	94.179				Ave		94.1790000						20.0			
PCB-1221 Peak 3	60.895				Ave		60.8950000						20.0			
PCB-1221 Peak 4	211.24				Ave		211.240000						20.0			
PCB-1221 Peak 5	46.864				Ave		46.8640000						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.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 12:37 Calibration End Date: 09/13/2013 12:37 Calibration ID: 29574

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/7	OR207941.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	66713					1000				
PCB-1221 Peak 2	Ave	94179					1000				
PCB-1221 Peak 3	Ave	60895					1000				
PCB-1221 Peak 4	Ave	211240					1000				
PCB-1221 Peak 5	Ave	46864					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 12:37 Calibration End Date: 09/13/2013 12:37 Calibration ID: 29575

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/7	OR207941.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.650										1.580 - 1.720	1.650
PCB-1221 Peak 2	2.178										2.108 - 2.248	2.178
PCB-1221 Peak 3	2.340										2.270 - 2.410	2.340
PCB-1221 Peak 4	2.788										2.718 - 2.858	2.788
PCB-1221 Peak 5	3.123										3.053 - 3.193	3.123

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 12:37 Calibration End Date: 09/13/2013 12:37 Calibration ID: 29575

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/7	OR207941.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	81.198				Ave		81.1980000						20.0			
PCB-1221 Peak 2	112.04				Ave		112.038000						20.0			
PCB-1221 Peak 3	329.63				Ave		329.627000						20.0			
PCB-1221 Peak 4	50.145				Ave		50.1450000						20.0			
PCB-1221 Peak 5	65.747				Ave		65.7470000						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.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 12:37 Calibration End Date: 09/13/2013 12:37 Calibration ID: 29575

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/7	OR207941.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	81198					1000				
PCB-1221 Peak 2	Ave	112038					1000				
PCB-1221 Peak 3	Ave	329627					1000				
PCB-1221 Peak 4	Ave	50145					1000				
PCB-1221 Peak 5	Ave	65747					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 12:54 Calibration End Date: 09/13/2013 12:54 Calibration ID: 29580

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/8	OR207942.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	3.092										3.022 - 3.162	3.092
PCB-1232 Peak 2	3.565										3.495 - 3.635	3.565
PCB-1232 Peak 3	4.108										4.038 - 4.178	4.108
PCB-1232 Peak 4	4.870										4.800 - 4.940	4.870
PCB-1232 Peak 5	5.028										4.958 - 5.098	5.028

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 12:54 Calibration End Date: 09/13/2013 12:54 Calibration ID: 29580

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/8	OR207942.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	184.40				Ave		184.399000						20.0			
PCB-1232 Peak 2	158.25				Ave		158.245000						20.0			
PCB-1232 Peak 3	288.92				Ave		288.915000						20.0			
PCB-1232 Peak 4	80.301				Ave		80.3010000						20.0			
PCB-1232 Peak 5	103.02				Ave		103.020000						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.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 12:54 Calibration End Date: 09/13/2013 12:54 Calibration ID: 29580

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/8	OR207942.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	184399					1000				
PCB-1232 Peak 2	Ave	158245					1000				
PCB-1232 Peak 3	Ave	288915					1000				
PCB-1232 Peak 4	Ave	80301					1000				
PCB-1232 Peak 5	Ave	103020					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 12:54 Calibration End Date: 09/13/2013 12:54 Calibration ID: 29581

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/8	OR207942.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.342										2.272 - 2.412	2.342
PCB-1232 Peak 2	2.668										2.598 - 2.738	2.668
PCB-1232 Peak 3	3.123										3.053 - 3.193	3.123
PCB-1232 Peak 4	3.265										3.195 - 3.335	3.265
PCB-1232 Peak 5	3.703										3.633 - 3.773	3.703

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 12:54 Calibration End Date: 09/13/2013 12:54 Calibration ID: 29581

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/8	OR207942.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	294.05				Ave		294.046000						20.0			
PCB-1232 Peak 2	202.63				Ave		202.631000						20.0			
PCB-1232 Peak 3	403.19				Ave		403.193000						20.0			
PCB-1232 Peak 4	157.80				Ave		157.800000						20.0			
PCB-1232 Peak 5	157.35				Ave		157.346000						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.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 12:54 Calibration End Date: 09/13/2013 12:54 Calibration ID: 29581

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/8	OR207942.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	294046					1000				
PCB-1232 Peak 2	Ave	202631					1000				
PCB-1232 Peak 3	Ave	403193					1000				
PCB-1232 Peak 4	Ave	157800					1000				
PCB-1232 Peak 5	Ave	157346					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:10 Calibration End Date: 09/13/2013 13:10 Calibration ID: 29586

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/9	OR207943.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	3.088										3.018 - 3.158	3.088
PCB-1242 Peak 2	3.562										3.492 - 3.632	3.562
PCB-1242 Peak 3	4.105										4.035 - 4.175	4.105
PCB-1242 Peak 4	4.277										4.207 - 4.347	4.277
PCB-1242 Peak 5	5.412										5.342 - 5.482	5.412

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:10 Calibration End Date: 09/13/2013 13:10 Calibration ID: 29586

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/9	OR207943.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	146.89				Ave		146.893000						20.0			
PCB-1242 Peak 2	288.44				Ave		288.435000						20.0			
PCB-1242 Peak 3	529.29				Ave		529.285000						20.0			
PCB-1242 Peak 4	225.35				Ave		225.348000						20.0			
PCB-1242 Peak 5	217.22				Ave		217.215000						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.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:10 Calibration End Date: 09/13/2013 13:10 Calibration ID: 29586

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/9	OR207943.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	146893					1000				
PCB-1242 Peak 2	Ave	288435					1000				
PCB-1242 Peak 3	Ave	529285					1000				
PCB-1242 Peak 4	Ave	225348					1000				
PCB-1242 Peak 5	Ave	217215					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:10 Calibration End Date: 09/13/2013 13:10 Calibration ID: 29587

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/9	OR207943.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.343										2.273 - 2.413	2.343
PCB-1242 Peak 2	2.670										2.600 - 2.740	2.670
PCB-1242 Peak 3	3.123										3.053 - 3.193	3.123
PCB-1242 Peak 4	3.265										3.195 - 3.335	3.265
PCB-1242 Peak 5	3.703										3.633 - 3.773	3.703

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:10 Calibration End Date: 09/13/2013 13:10 Calibration ID: 29587

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/9	OR207943.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	216.41				Ave		216.410000						20.0			
PCB-1242 Peak 2	326.85				Ave		326.852000						20.0			
PCB-1242 Peak 3	730.19				Ave		730.192000						20.0			
PCB-1242 Peak 4	267.47				Ave		267.472000						20.0			
PCB-1242 Peak 5	300.66				Ave		300.661000						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.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:10 Calibration End Date: 09/13/2013 13:10 Calibration ID: 29587

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/9	OR207943.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	216410					1000				
PCB-1242 Peak 2	Ave	326852					1000				
PCB-1242 Peak 3	Ave	730192					1000				
PCB-1242 Peak 4	Ave	267472					1000				
PCB-1242 Peak 5	Ave	300661					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:26 Calibration End Date: 09/13/2013 13:26 Calibration ID: 29592

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/10	OR207944.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.558										3.488 - 3.628	3.558
PCB-1248 Peak 2	4.103										4.033 - 4.173	4.103
PCB-1248 Peak 3	4.523										4.453 - 4.593	4.523
PCB-1248 Peak 4	5.352										5.282 - 5.422	5.352
PCB-1248 Peak 5	5.410										5.340 - 5.480	5.410

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:26 Calibration End Date: 09/13/2013 13:26 Calibration ID: 29592

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/10	OR207944.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	147.03				Ave		147.027000						20.0			
PCB-1248 Peak 2	332.03				Ave		332.034000						20.0			
PCB-1248 Peak 3	187.65				Ave		187.645000						20.0			
PCB-1248 Peak 4	261.07				Ave		261.070000						20.0			
PCB-1248 Peak 5	327.74				Ave		327.741000						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.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:26 Calibration End Date: 09/13/2013 13:26 Calibration ID: 29592

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/10	OR207944.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	147027					1000				
PCB-1248 Peak 2	Ave	332034					1000				
PCB-1248 Peak 3	Ave	187645					1000				
PCB-1248 Peak 4	Ave	261070					1000				
PCB-1248 Peak 5	Ave	327741					1000				

Curve Type Legend:
Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:26 Calibration End Date: 09/13/2013 13:26 Calibration ID: 29593

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/10	OR207944.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.668										2.598 - 2.738	2.668
PCB-1248 Peak 2	3.122										3.052 - 3.192	3.122
PCB-1248 Peak 3	3.703										3.633 - 3.773	3.703
PCB-1248 Peak 4	4.200										4.130 - 4.270	4.200
PCB-1248 Peak 5	4.430										4.360 - 4.500	4.430

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:26 Calibration End Date: 09/13/2013 13:26 Calibration ID: 29593

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/10	OR207944.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	182.02				Ave		182.015000						20.0			
PCB-1248 Peak 2	432.87				Ave		432.871000						20.0			
PCB-1248 Peak 3	413.65				Ave		413.651000						20.0			
PCB-1248 Peak 4	745.56				Ave		745.557000						20.0			
PCB-1248 Peak 5	472.34				Ave		472.343000						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.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:26 Calibration End Date: 09/13/2013 13:26 Calibration ID: 29593

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/10	OR207944.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	182015					1000				
PCB-1248 Peak 2	Ave	432871					1000				
PCB-1248 Peak 3	Ave	413651					1000				
PCB-1248 Peak 4	Ave	745557					1000				
PCB-1248 Peak 5	Ave	472343					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:42 Calibration End Date: 09/13/2013 13:42 Calibration ID: 29598

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/11	OR207945.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	5.410										5.340 - 5.480	5.410
PCB-1254 Peak 2	5.655										5.585 - 5.725	5.655
PCB-1254 Peak 3	6.113										6.043 - 6.183	6.113
PCB-1254 Peak 4	6.278										6.208 - 6.348	6.278
PCB-1254 Peak 5	7.605										7.535 - 7.675	7.605

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:42 Calibration End Date: 09/13/2013 13:42 Calibration ID: 29598

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/11	OR207945.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	308.13				Ave		308.126000						20.0			
PCB-1254 Peak 2	319.71				Ave		319.712000						20.0			
PCB-1254 Peak 3	256.04				Ave		256.040000						20.0			
PCB-1254 Peak 4	514.49				Ave		514.493000						20.0			
PCB-1254 Peak 5	515.55				Ave		515.555000						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.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:42 Calibration End Date: 09/13/2013 13:42 Calibration ID: 29598

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/11	OR207945.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	308126					1000				
PCB-1254 Peak 2	Ave	319712					1000				
PCB-1254 Peak 3	Ave	256040					1000				
PCB-1254 Peak 4	Ave	514493					1000				
PCB-1254 Peak 5	Ave	515555					1000				

Curve Type Legend:
Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:42 Calibration End Date: 09/13/2013 13:42 Calibration ID: 29599

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/11	OR207945.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.748										4.678 - 4.818	4.748
PCB-1254 Peak 2	4.895										4.825 - 4.965	4.895
PCB-1254 Peak 3	5.232										5.162 - 5.302	5.232
PCB-1254 Peak 4	5.460										5.390 - 5.530	5.460
PCB-1254 Peak 5	5.805										5.735 - 5.875	5.805

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:42 Calibration End Date: 09/13/2013 13:42 Calibration ID: 29599

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/11	OR207945.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	395.69				Ave		395.689000						20.0			
PCB-1254 Peak 2	657.33				Ave		657.326000						20.0			
PCB-1254 Peak 3	518.76				Ave		518.761000						20.0			
PCB-1254 Peak 4	425.20				Ave		425.195000						20.0			
PCB-1254 Peak 5	605.43				Ave		605.434000						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.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:42 Calibration End Date: 09/13/2013 13:42 Calibration ID: 29599

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/11	OR207945.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	395689					1000				
PCB-1254 Peak 2	Ave	657326					1000				
PCB-1254 Peak 3	Ave	518761					1000				
PCB-1254 Peak 4	Ave	425195					1000				
PCB-1254 Peak 5	Ave	605434					1000				

Curve Type Legend:
Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:58 Calibration End Date: 09/13/2013 13:58 Calibration ID: 29604

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/12	OR207946.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	6.570										6.500 - 6.640	6.570
PCB-1262 Peak 2	6.915										6.845 - 6.985	6.915
PCB-1262 Peak 3	7.795										7.725 - 7.865	7.795
PCB-1262 Peak 4	9.538										9.468 - 9.608	9.538
PCB-1262 Peak 5	10.187										10.117 - 10.257	10.187

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:58 Calibration End Date: 09/13/2013 13:58 Calibration ID: 29604

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/12	OR207946.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	300.65				Ave		300.646000						20.0			
PCB-1262 Peak 2	349.08				Ave		349.083000						20.0			
PCB-1262 Peak 3	512.64				Ave		512.641000						20.0			
PCB-1262 Peak 4	505.08				Ave		505.083000						20.0			
PCB-1262 Peak 5	242.02				Ave		242.015000						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.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:58 Calibration End Date: 09/13/2013 13:58 Calibration ID: 29604

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/12	OR207946.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	300646					1000				
PCB-1262 Peak 2	Ave	349083					1000				
PCB-1262 Peak 3	Ave	512641					1000				
PCB-1262 Peak 4	Ave	505083					1000				
PCB-1262 Peak 5	Ave	242015					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:58 Calibration End Date: 09/13/2013 13:58 Calibration ID: 29605

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/12	OR207946.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	5.118										5.048 - 5.188	5.118
PCB-1262 Peak 2	5.950										5.880 - 6.020	5.950
PCB-1262 Peak 3	7.237										7.167 - 7.307	7.237
PCB-1262 Peak 4	7.397										7.327 - 7.467	7.397
PCB-1262 Peak 5	8.612										8.542 - 8.682	8.612

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:58 Calibration End Date: 09/13/2013 13:58 Calibration ID: 29605

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/12	OR207946.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	377.22				Ave		377.221000						20.0			
PCB-1262 Peak 2	555.95				Ave		555.951000						20.0			
PCB-1262 Peak 3	406.69				Ave		406.692000						20.0			
PCB-1262 Peak 4	559.81				Ave		559.814000						20.0			
PCB-1262 Peak 5	465.27				Ave		465.273000						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.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 13:58 Calibration End Date: 09/13/2013 13:58 Calibration ID: 29605

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/12	OR207946.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	377221					1000				
PCB-1262 Peak 2	Ave	555951					1000				
PCB-1262 Peak 3	Ave	406692					1000				
PCB-1262 Peak 4	Ave	559814					1000				
PCB-1262 Peak 5	Ave	465273					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 14:15 Calibration End Date: 09/13/2013 14:15 Calibration ID: 29610

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/13	OR207947.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	9.535										9.465 - 9.605	9.535
PCB-1268 Peak 2	9.592										9.522 - 9.662	9.592
PCB-1268 Peak 3	9.887										9.817 - 9.957	9.887
PCB-1268 Peak 4	10.187										10.117 - 10.257	10.187
PCB-1268 Peak 5	10.492										10.422 - 10.562	10.492

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 14:15 Calibration End Date: 09/13/2013 14:15 Calibration ID: 29610

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/13	OR207947.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	705.52				Ave		705.516000						20.0			
PCB-1268 Peak 2	768.65				Ave		768.651000						20.0			
PCB-1268 Peak 3	549.25				Ave		549.250000						20.0			
PCB-1268 Peak 4	251.41				Ave		251.414000						20.0			
PCB-1268 Peak 5	1354.9				Ave		1354.87600						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.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 14:15 Calibration End Date: 09/13/2013 14:15 Calibration ID: 29610

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/13	OR207947.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	705516					1000				
PCB-1268 Peak 2	Ave	768651					1000				
PCB-1268 Peak 3	Ave	549250					1000				
PCB-1268 Peak 4	Ave	251414					1000				
PCB-1268 Peak 5	Ave	1354876					1000				

Curve Type Legend:
Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 14:15 Calibration End Date: 09/13/2013 14:15 Calibration ID: 29611

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/13	OR207947.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	7.313										7.243 - 7.383	7.313
PCB-1268 Peak 2	7.387										7.317 - 7.457	7.387
PCB-1268 Peak 3	7.783										7.713 - 7.853	7.783
PCB-1268 Peak 4	8.610										8.540 - 8.680	8.610
PCB-1268 Peak 5	9.115										9.045 - 9.185	9.115

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 14:15 Calibration End Date: 09/13/2013 14:15 Calibration ID: 29611

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/13	OR207947.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	1170.2				Ave		1170.16700						20.0			
PCB-1268 Peak 2	1262.1				Ave		1262.11500						20.0			
PCB-1268 Peak 3	1027.4				Ave		1027.42800						20.0			
PCB-1268 Peak 4	512.82				Ave		512.817000						20.0			
PCB-1268 Peak 5	2515.0				Ave		2515.01500						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.: 460-62993-1 Analy Batch No.: 181156

SDG No.:

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/13/2013 14:15 Calibration End Date: 09/13/2013 14:15 Calibration ID: 29611

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181156/13	OR207947.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	1170167					1000				
PCB-1268 Peak 2	Ave	1262115					1000				
PCB-1268 Peak 3	Ave	1027428					1000				
PCB-1268 Peak 4	Ave	512817					1000				
PCB-1268 Peak 5	Ave	2515015					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 13:57 Calibration End Date: 08/26/2013 15:03 Calibration ID: 28480

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/3	QR096827.D
Level 2	IC 460-178195/4	QR096828.D
Level 3	IC 460-178195/5	QR096829.D
Level 4	IC 460-178195/6	QR096830.D
Level 5	IC 460-178195/7	QR096831.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.811	2.810	2.811	2.813	2.812						2.741 - 2.881	2.811
PCB-1016 Peak 2	3.441	3.443	3.446	3.447	3.447						3.376 - 3.516	3.445
PCB-1016 Peak 3	4.281	4.280	4.284	4.285	4.284						4.214 - 4.354	4.283
PCB-1016 Peak 4	5.350	5.350	5.357	5.356	5.355						5.287 - 5.427	5.354
PCB-1016 Peak 5	5.561	5.561	5.567	5.566	5.565						5.497 - 5.637	5.564
PCB-1260 Peak 1	7.526	7.525	7.532	7.528	7.529						7.462 - 7.602	7.528
PCB-1260 Peak 2	7.957	7.957	7.966	7.961	7.960						7.896 - 8.036	7.960
PCB-1260 Peak 3	9.025	9.022	9.032	9.026	9.026						8.962 - 9.102	9.026
PCB-1260 Peak 4	10.131	10.129	10.133	10.130	10.130						10.063 - 10.203	10.131
PCB-1260 Peak 5	11.045	11.034	11.034	11.036	11.035						10.964 - 11.104	11.037
Tetrachloro-m-xylene	2.109	2.110	2.111	2.112	2.110						2.061 - 2.161	2.110
DCB Decachlorobiphenyl	11.523	11.507	11.503	11.509	11.505						11.403 - 11.603	11.509

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 13:57 Calibration End Date: 08/26/2013 15:03 Calibration ID: 28480

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/3	QR096827.D
Level 2	IC 460-178195/4	QR096828.D
Level 3	IC 460-178195/5	QR096829.D
Level 4	IC 460-178195/6	QR096830.D
Level 5	IC 460-178195/7	QR096831.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	12164 14870	13603	14523	12918	Ave		13615.4356				8.2		20.0			
PCB-1016 Peak 2	22077 27323	25933	26462	24563	Ave		25271.4938				8.1		20.0			
PCB-1016 Peak 3	55009 51747	51431	52977	48775	Ave		51987.6598				4.4		20.0			
PCB-1016 Peak 4	15320 17746	16706	16771	15897	Ave		16487.9646				5.6		20.0			
PCB-1016 Peak 5	16922 20584	18149	19375	18280	Ave		18662.0844				7.4		20.0			
PCB-1260 Peak 1	38424 38912	37930	38234	35227	Ave		37745.5628				3.8		20.0			
PCB-1260 Peak 2	53896 55672	53250	54011	50106	Ave		53386.9860				3.8		20.0			
PCB-1260 Peak 3	44921 49158	46644	47803	44210	Ave		46547.2459				4.4		20.0			
PCB-1260 Peak 4	87865 87721	82071	84106	78276	Ave		84007.6923				4.8		20.0			
PCB-1260 Peak 5	17694 20942	18777	20875	19193	Ave		19496.3735				7.2		20.0			
Tetrachloro-m-xylene	795420 701195	663284	690131	593592	Ave		688724.310				11.0		20.0			
DCB Decachlorobiphenyl	573862 500419	475399	479363	430456	Ave		491899.650				11.0		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 13:57 Calibration End Date: 08/26/2013 15:03 Calibration ID: 28480

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/3	QR096827.D
Level 2	IC 460-178195/4	QR096828.D
Level 3	IC 460-178195/5	QR096829.D
Level 4	IC 460-178195/6	QR096830.D
Level 5	IC 460-178195/7	QR096831.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	608181	6801312	14522851	19376672	37175754	50.0	500	1000	1500	2500
PCB-1016 Peak 2	Ave	1103859	12966329	26461613	36844554	68307455	50.0	500	1000	1500	2500
PCB-1016 Peak 3	Ave	2750442	25715525	52976980	73162111	129366721	50.0	500	1000	1500	2500
PCB-1016 Peak 4	Ave	765989	8352772	16770868	23845851	44365992	50.0	500	1000	1500	2500
PCB-1016 Peak 5	Ave	846084	9074377	19375420	27420270	51460970	50.0	500	1000	1500	2500
PCB-1260 Peak 1	Ave	1921216	18964929	38234492	52840027	97281148	50.0	500	1000	1500	2500
PCB-1260 Peak 2	Ave	2694815	26625197	54011171	75158256	139178903	50.0	500	1000	1500	2500
PCB-1260 Peak 3	Ave	2246055	23322117	47802933	66314281	122896104	50.0	500	1000	1500	2500
PCB-1260 Peak 4	Ave	4393244	41035516	84105713	117413922	219302221	50.0	500	1000	1500	2500
PCB-1260 Peak 5	Ave	884692	9388683	20874998	28789900	52355992	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	Ave	9942747	33164201	69013058	89038818	140239014	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	7173270	23769969	47936290	64568377	100083705	12.5	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.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 13:57 Calibration End Date: 08/26/2013 15:03 Calibration ID: 28481

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/3	QR096827.D
Level 2	IC 460-178195/4	QR096828.D
Level 3	IC 460-178195/5	QR096829.D
Level 4	IC 460-178195/6	QR096830.D
Level 5	IC 460-178195/7	QR096831.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	1.946	1.947	1.940	1.941	1.940						1.870 - 2.010	1.943
PCB-1016 Peak 2	2.374	2.377	2.369	2.371	2.370						2.299 - 2.439	2.372
PCB-1016 Peak 3	2.961	2.962	2.955	2.956	2.956						2.885 - 3.025	2.958
PCB-1016 Peak 4	3.140	3.144	3.136	3.137	3.137						3.066 - 3.206	3.139
PCB-1016 Peak 5	3.814	3.816	3.811	3.811	3.810						3.741 - 3.881	3.812
PCB-1260 Peak 1	5.831	5.831	5.831	5.830	5.829						5.761 - 5.901	5.830
PCB-1260 Peak 2	7.312	7.315	7.316	7.313	7.312						7.246 - 7.386	7.314
PCB-1260 Peak 3	7.914	7.915	7.916	7.914	7.913						7.846 - 7.986	7.914
PCB-1260 Peak 4	8.522	8.520	8.522	8.518	8.516						8.452 - 8.592	8.520
PCB-1260 Peak 5	9.917	9.917	9.920	9.916	9.916						9.850 - 9.990	9.917
Tetrachloro-m-xylene	1.527	1.530	1.521	1.524	1.523						1.471 - 1.571	1.525
DCB Decachlorobiphenyl	10.487	10.483	10.483	10.482	10.482						10.383 - 10.583	10.483

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 13:57 Calibration End Date: 08/26/2013 15:03 Calibration ID: 28481

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/3	QR096827.D
Level 2	IC 460-178195/4	QR096828.D
Level 3	IC 460-178195/5	QR096829.D
Level 4	IC 460-178195/6	QR096830.D
Level 5	IC 460-178195/7	QR096831.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	30364 25079	25133	25567	22807	Ave		25790.0054				11.0		20.0			
PCB-1016 Peak 2	44710 39825	40613	40846	36992	Ave		40597.2534				6.8		20.0			
PCB-1016 Peak 3	98005 83930	87646	86428	78289	Ave		86859.7057				8.3		20.0			
PCB-1016 Peak 4	32440 34985	35440	35402	32402	Ave		34133.7593				4.6		20.0			
PCB-1016 Peak 5	34828 35124	33951	34254	31560	Ave		33943.3512				4.2		20.0			
PCB-1260 Peak 1	51879 48980	49069	50197	45144	Ave		49053.8074				5.1		20.0			
PCB-1260 Peak 2	49632 50078	48072	50009	45142	Ave		48586.2920				4.3		20.0			
PCB-1260 Peak 3	129615 132248	131076	135430	121599	Ave		129993.678				4.0		20.0			
PCB-1260 Peak 4	49503 58004	52499	55787	51222	Ave		53402.9511				6.5		20.0			
PCB-1260 Peak 5	34379 41335	35352	37562	35659	Ave		36857.5702				7.5		20.0			
Tetrachloro-m-xylene	1316262 1049182	1037911	1041484	894090	Ave		1067785.74				14.0		20.0			
DCB Decachlorobiphenyl	1008770 830130	807754	815908	694583	Ave		831428.876				14.0		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 13:57 Calibration End Date: 08/26/2013 15:03 Calibration ID: 28481

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/3	QR096827.D
Level 2	IC 460-178195/4	QR096828.D
Level 3	IC 460-178195/5	QR096829.D
Level 4	IC 460-178195/6	QR096830.D
Level 5	IC 460-178195/7	QR096831.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	1518189	12566642	25567308	34210096	62697311	50.0	500	1000	1500	2500
PCB-1016 Peak 2	Ave	2235518	20306449	40846030	55487451	99563362	50.0	500	1000	1500	2500
PCB-1016 Peak 3	Ave	4900264	43822798	86428174	117434180	209825063	50.0	500	1000	1500	2500
PCB-1016 Peak 4	Ave	1621982	17720122	35401579	48603235	87462942	50.0	500	1000	1500	2500
PCB-1016 Peak 5	Ave	1741389	16975424	34254266	47339397	87810660	50.0	500	1000	1500	2500
PCB-1260 Peak 1	Ave	2593950	24534369	50196997	67715923	122450883	50.0	500	1000	1500	2500
PCB-1260 Peak 2	Ave	2481580	24035770	50009277	67712259	125193843	50.0	500	1000	1500	2500
PCB-1260 Peak 3	Ave	6480762	65537803	135430306	182398319	330620901	50.0	500	1000	1500	2500
PCB-1260 Peak 4	Ave	2475148	26249342	55787336	76832549	145010191	50.0	500	1000	1500	2500
PCB-1260 Peak 5	Ave	1718952	17675830	37562424	53489230	103338101	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	Ave	16453270	51895560	104148442	134113452	209836362	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	12609619	40387695	81590775	104187437	166026059	12.5	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.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 15:19 Calibration End Date: 08/26/2013 15:19 Calibration ID: 28486

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/8	QR096832.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.543										1.473 - 1.613	1.543
PCB-1221 Peak 2	2.531										2.461 - 2.601	2.531
PCB-1221 Peak 3	2.730										2.660 - 2.800	2.730
PCB-1221 Peak 4	2.817										2.747 - 2.887	2.817
PCB-1221 Peak 5	3.547										3.477 - 3.617	3.547

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 15:19 Calibration End Date: 08/26/2013 15:19 Calibration ID: 28486

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/8	QR096832.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	5210.4				Ave		5210.36100						20.0			
PCB-1221 Peak 2	8474.0				Ave		8474.02500						20.0			
PCB-1221 Peak 3	5791.3				Ave		5791.32700						20.0			
PCB-1221 Peak 4	20145				Ave		20145.0490						20.0			
PCB-1221 Peak 5	3367.6				Ave		3367.55200						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.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 15:19 Calibration End Date: 08/26/2013 15:19 Calibration ID: 28486

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/8	QR096832.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	5210361					1000				
PCB-1221 Peak 2	Ave	8474025					1000				
PCB-1221 Peak 3	Ave	5791327					1000				
PCB-1221 Peak 4	Ave	20145049					1000				
PCB-1221 Peak 5	Ave	3367552					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 15:19 Calibration End Date: 08/26/2013 15:19 Calibration ID: 28487

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/8	QR096832.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.007										0.937 - 1.077	1.007
PCB-1221 Peak 2	1.726										1.656 - 1.796	1.726
PCB-1221 Peak 3	1.942										1.872 - 2.012	1.942
PCB-1221 Peak 4	2.527										2.457 - 2.597	2.527
PCB-1221 Peak 5	2.959										2.889 - 3.029	2.959

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 15:19 Calibration End Date: 08/26/2013 15:19 Calibration ID: 28487

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/8	QR096832.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	11354				Ave		11354.2010						20.0			
PCB-1221 Peak 2	13190				Ave		13189.6660						20.0			
PCB-1221 Peak 3	36954				Ave		36953.9610						20.0			
PCB-1221 Peak 4	5380.6				Ave		5380.57400						20.0			
PCB-1221 Peak 5	7224.3				Ave		7224.32800						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.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 15:19 Calibration End Date: 08/26/2013 15:19 Calibration ID: 28487

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/8	QR096832.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	11354201					1000				
PCB-1221 Peak 2	Ave	13189666					1000				
PCB-1221 Peak 3	Ave	36953961					1000				
PCB-1221 Peak 4	Ave	5380574					1000				
PCB-1221 Peak 5	Ave	7224328					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 15:35 Calibration End Date: 08/26/2013 15:35 Calibration ID: 28492

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/9	QR096833.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.814										2.744 - 2.884	2.814
PCB-1232 Peak 2	3.446										3.376 - 3.516	3.446
PCB-1232 Peak 3	4.530										4.460 - 4.600	4.530
PCB-1232 Peak 4	5.354										5.284 - 5.424	5.354
PCB-1232 Peak 5	5.563										5.493 - 5.633	5.563

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 15:35 Calibration End Date: 08/26/2013 15:35 Calibration ID: 28492

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/9	QR096833.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	17435				Ave		17435.4670						20.0			
PCB-1232 Peak 2	14313				Ave		14312.9490						20.0			
PCB-1232 Peak 3	10046				Ave		10046.2000						20.0			
PCB-1232 Peak 4	7222.2				Ave		7222.15800						20.0			
PCB-1232 Peak 5	8062.3				Ave		8062.32700						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.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 15:35 Calibration End Date: 08/26/2013 15:35 Calibration ID: 28492

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/9	QR096833.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	17435467					1000				
PCB-1232 Peak 2	Ave	14312949					1000				
PCB-1232 Peak 3	Ave	10046200					1000				
PCB-1232 Peak 4	Ave	7222158					1000				
PCB-1232 Peak 5	Ave	8062327					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 15:35 Calibration End Date: 08/26/2013 15:35 Calibration ID: 28493

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/9	QR096833.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	1.951										1.881 - 2.021	1.951
PCB-1232 Peak 2	2.381										2.311 - 2.451	2.381
PCB-1232 Peak 3	2.967										2.897 - 3.037	2.967
PCB-1232 Peak 4	3.148										3.078 - 3.218	3.148
PCB-1232 Peak 5	3.822										3.752 - 3.892	3.822

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 15:35 Calibration End Date: 08/26/2013 15:35 Calibration ID: 28493

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/9	QR096833.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	30660				Ave		30660.0530						20.0			
PCB-1232 Peak 2	20756				Ave		20755.5770						20.0			
PCB-1232 Peak 3	41620				Ave		41620.3020						20.0			
PCB-1232 Peak 4	16427				Ave		16427.3700						20.0			
PCB-1232 Peak 5	14962				Ave		14962.3120						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.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 15:35 Calibration End Date: 08/26/2013 15:35 Calibration ID: 28493

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/9	QR096833.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	30660053					1000				
PCB-1232 Peak 2	Ave	20755577					1000				
PCB-1232 Peak 3	Ave	41620302					1000				
PCB-1232 Peak 4	Ave	16427370					1000				
PCB-1232 Peak 5	Ave	14962312					1000				

Curve Type Legend:
Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 15:52 Calibration End Date: 08/26/2013 15:52 Calibration ID: 28498

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/10	QR096834.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.816										2.746 - 2.886	2.816
PCB-1242 Peak 2	3.451										3.381 - 3.521	3.451
PCB-1242 Peak 3	4.287										4.217 - 4.357	4.287
PCB-1242 Peak 4	4.534										4.464 - 4.604	4.534
PCB-1242 Peak 5	6.078										6.008 - 6.148	6.078

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 15:52 Calibration End Date: 08/26/2013 15:52 Calibration ID: 28498

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/10	QR096834.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	13102				Ave		13101.5280						20.0			
PCB-1242 Peak 2	22951				Ave		22950.6840						20.0			
PCB-1242 Peak 3	44580				Ave		44579.7030						20.0			
PCB-1242 Peak 4	18768				Ave		18768.2050						20.0			
PCB-1242 Peak 5	19592				Ave		19592.3140						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.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 15:52 Calibration End Date: 08/26/2013 15:52 Calibration ID: 28498

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/10	QR096834.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	13101528					1000				
PCB-1242 Peak 2	Ave	22950684					1000				
PCB-1242 Peak 3	Ave	44579703					1000				
PCB-1242 Peak 4	Ave	18768205					1000				
PCB-1242 Peak 5	Ave	19592314					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 15:52 Calibration End Date: 08/26/2013 15:52 Calibration ID: 28499

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/10	QR096834.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	1.943										1.873 - 2.013	1.943
PCB-1242 Peak 2	2.373										2.303 - 2.443	2.373
PCB-1242 Peak 3	2.959										2.889 - 3.029	2.959
PCB-1242 Peak 4	3.141										3.071 - 3.211	3.141
PCB-1242 Peak 5	3.814										3.744 - 3.884	3.814

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 15:52 Calibration End Date: 08/26/2013 15:52 Calibration ID: 28499

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/10	QR096834.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	23286				Ave		23286.3750						20.0			
PCB-1242 Peak 2	36526				Ave		36525.5760						20.0			
PCB-1242 Peak 3	77039				Ave		77038.8610						20.0			
PCB-1242 Peak 4	31433				Ave		31433.4030						20.0			
PCB-1242 Peak 5	30811				Ave		30811.4500						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.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 15:52 Calibration End Date: 08/26/2013 15:52 Calibration ID: 28499

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/10	QR096834.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	23286375					1000				
PCB-1242 Peak 2	Ave	36525576					1000				
PCB-1242 Peak 3	Ave	77038861					1000				
PCB-1242 Peak 4	Ave	31433403					1000				
PCB-1242 Peak 5	Ave	30811450					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:07 Calibration End Date: 08/26/2013 16:07 Calibration ID: 28504

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/11	QR096835.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.442										3.372 - 3.512	3.442
PCB-1248 Peak 2	4.278										4.208 - 4.348	4.278
PCB-1248 Peak 3	4.895										4.825 - 4.965	4.895
PCB-1248 Peak 4	6.002										5.932 - 6.072	6.002
PCB-1248 Peak 5	6.072										6.002 - 6.142	6.072

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:07 Calibration End Date: 08/26/2013 16:07 Calibration ID: 28504

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/11	QR096835.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	11436				Ave		11435.7970						20.0			
PCB-1248 Peak 2	29991				Ave		29990.5010						20.0			
PCB-1248 Peak 3	16403				Ave		16402.6320						20.0			
PCB-1248 Peak 4	24043				Ave		24042.9230						20.0			
PCB-1248 Peak 5	31409				Ave		31409.2260						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.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:07 Calibration End Date: 08/26/2013 16:07 Calibration ID: 28504

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/11	QR096835.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	11435797					1000				
PCB-1248 Peak 2	Ave	29990501					1000				
PCB-1248 Peak 3	Ave	16402632					1000				
PCB-1248 Peak 4	Ave	24042923					1000				
PCB-1248 Peak 5	Ave	31409226					1000				

Curve Type Legend:
Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:07 Calibration End Date: 08/26/2013 16:07 Calibration ID: 28505

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/11	QR096835.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.377										2.307 - 2.447	2.377
PCB-1248 Peak 2	2.961										2.891 - 3.031	2.961
PCB-1248 Peak 3	3.818										3.748 - 3.888	3.818
PCB-1248 Peak 4	4.547										4.477 - 4.617	4.547
PCB-1248 Peak 5	4.894										4.824 - 4.964	4.894

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:07 Calibration End Date: 08/26/2013 16:07 Calibration ID: 28505

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/11	QR096835.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	19082				Ave		19082.3990						20.0			
PCB-1248 Peak 2	46670				Ave		46670.2280						20.0			
PCB-1248 Peak 3	43218				Ave		43217.5470						20.0			
PCB-1248 Peak 4	73143				Ave		73143.1920						20.0			
PCB-1248 Peak 5	44126				Ave		44125.7590						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.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:07 Calibration End Date: 08/26/2013 16:07 Calibration ID: 28505

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/11	QR096835.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	19082399					1000				
PCB-1248 Peak 2	Ave	46670228					1000				
PCB-1248 Peak 3	Ave	43217547					1000				
PCB-1248 Peak 4	Ave	73143192					1000				
PCB-1248 Peak 5	Ave	44125759					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:24 Calibration End Date: 08/26/2013 16:24 Calibration ID: 28510

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/12	QR096836.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	6.069										5.999 - 6.139	6.069
PCB-1254 Peak 2	6.394										6.324 - 6.464	6.394
PCB-1254 Peak 3	6.960										6.890 - 7.030	6.960
PCB-1254 Peak 4	7.164										7.094 - 7.234	7.164
PCB-1254 Peak 5	8.786										8.716 - 8.856	8.786

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:24 Calibration End Date: 08/26/2013 16:24 Calibration ID: 28510

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/12	QR096836.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	29848				Ave		29848.1770						20.0			
PCB-1254 Peak 2	32380				Ave		32380.4940						20.0			
PCB-1254 Peak 3	22789				Ave		22788.9750						20.0			
PCB-1254 Peak 4	48984				Ave		48984.4000						20.0			
PCB-1254 Peak 5	54384				Ave		54384.4020						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.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:24 Calibration End Date: 08/26/2013 16:24 Calibration ID: 28510

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/12	QR096836.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	29848177					1000				
PCB-1254 Peak 2	Ave	32380494					1000				
PCB-1254 Peak 3	Ave	22788975					1000				
PCB-1254 Peak 4	Ave	48984400					1000				
PCB-1254 Peak 5	Ave	54384402					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:24 Calibration End Date: 08/26/2013 16:24 Calibration ID: 28511

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/12	QR096836.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.891										4.821 - 4.961	4.891
PCB-1254 Peak 2	5.330										5.260 - 5.400	5.330
PCB-1254 Peak 3	5.529										5.459 - 5.599	5.529
PCB-1254 Peak 4	5.977										5.907 - 6.047	5.977
PCB-1254 Peak 5	6.714										6.644 - 6.784	6.714

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:24 Calibration End Date: 08/26/2013 16:24 Calibration ID: 28511

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/12	QR096836.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	55163				Ave		55162.7550						20.0			
PCB-1254 Peak 2	40057				Ave		40056.6930						20.0			
PCB-1254 Peak 3	69756				Ave		69755.8380						20.0			
PCB-1254 Peak 4	62995				Ave		62995.0560						20.0			
PCB-1254 Peak 5	66983				Ave		66983.0220						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.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:24 Calibration End Date: 08/26/2013 16:24 Calibration ID: 28511

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/12	QR096836.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	55162755					1000				
PCB-1254 Peak 2	Ave	40056693					1000				
PCB-1254 Peak 3	Ave	69755838					1000				
PCB-1254 Peak 4	Ave	62995056					1000				
PCB-1254 Peak 5	Ave	66983022					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:40 Calibration End Date: 08/26/2013 16:40 Calibration ID: 28516

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/13	QR096837.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	7.530										7.460 - 7.600	7.530
PCB-1262 Peak 2	7.964										7.894 - 8.034	7.964
PCB-1262 Peak 3	9.029										8.959 - 9.099	9.029
PCB-1262 Peak 4	10.525										10.455 - 10.595	10.525
PCB-1262 Peak 5	11.032										10.962 - 11.102	11.032

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:40 Calibration End Date: 08/26/2013 16:40 Calibration ID: 28516

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/13	QR096837.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	31360				Ave		31360.0020						20.0			
PCB-1262 Peak 2	44425				Ave		44424.6850						20.0			
PCB-1262 Peak 3	71177				Ave		71177.3590						20.0			
PCB-1262 Peak 4	55430				Ave		55429.6820						20.0			
PCB-1262 Peak 5	29991				Ave		29990.8240						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.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:40 Calibration End Date: 08/26/2013 16:40 Calibration ID: 28516

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/13	QR096837.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	31360002					1000				
PCB-1262 Peak 2	Ave	44424685					1000				
PCB-1262 Peak 3	Ave	71177359					1000				
PCB-1262 Peak 4	Ave	55429682					1000				
PCB-1262 Peak 5	Ave	29990824					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:40 Calibration End Date: 08/26/2013 16:40 Calibration ID: 28517

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/13	QR096837.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	5.832										5.762 - 5.902	5.832
PCB-1262 Peak 2	6.904										6.834 - 6.974	6.904
PCB-1262 Peak 3	8.521										8.451 - 8.591	8.521
PCB-1262 Peak 4	8.726										8.656 - 8.796	8.726
PCB-1262 Peak 5	9.919										9.849 - 9.989	9.919

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:40 Calibration End Date: 08/26/2013 16:40 Calibration ID: 28517

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/13	QR096837.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	41829				Ave		41829.0510						20.0			
PCB-1262 Peak 2	82486				Ave		82486.3210						20.0			
PCB-1262 Peak 3	46450				Ave		46449.5300						20.0			
PCB-1262 Peak 4	78631				Ave		78631.0350						20.0			
PCB-1262 Peak 5	56331				Ave		56330.9270						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.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:40 Calibration End Date: 08/26/2013 16:40 Calibration ID: 28517

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/13	QR096837.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	41829051					1000				
PCB-1262 Peak 2	Ave	82486321					1000				
PCB-1262 Peak 3	Ave	46449530					1000				
PCB-1262 Peak 4	Ave	78631035					1000				
PCB-1262 Peak 5	Ave	56330927					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:57 Calibration End Date: 08/26/2013 16:57 Calibration ID: 28522

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/14	QR096838.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	10.522										10.452 - 10.592	10.522
PCB-1268 Peak 2	10.561										10.491 - 10.631	10.561
PCB-1268 Peak 3	10.787										10.717 - 10.857	10.787
PCB-1268 Peak 4	11.031										10.961 - 11.101	11.031
PCB-1268 Peak 5	11.295										11.225 - 11.365	11.295

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:57 Calibration End Date: 08/26/2013 16:57 Calibration ID: 28522

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/14	QR096838.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	75581				Ave		75580.6750						20.0			
PCB-1268 Peak 2	107622				Ave		107622.441						20.0			
PCB-1268 Peak 3	71873				Ave		71873.0980						20.0			
PCB-1268 Peak 4	31722				Ave		31722.4330						20.0			
PCB-1268 Peak 5	169542				Ave		169542.261						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.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:57 Calibration End Date: 08/26/2013 16:57 Calibration ID: 28522

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/14	QR096838.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	75580675					1000				
PCB-1268 Peak 2	Ave	107622441					1000				
PCB-1268 Peak 3	Ave	71873098					1000				
PCB-1268 Peak 4	Ave	31722433					1000				
PCB-1268 Peak 5	Ave	169542261					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:57 Calibration End Date: 08/26/2013 16:57 Calibration ID: 28523

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/14	QR096838.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	8.621										8.551 - 8.691	8.621
PCB-1268 Peak 2	8.712										8.642 - 8.782	8.712
PCB-1268 Peak 3	9.206										9.136 - 9.276	9.206
PCB-1268 Peak 4	9.917										9.847 - 9.987	9.917
PCB-1268 Peak 5	10.300										10.230 - 10.370	10.300

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:57 Calibration End Date: 08/26/2013 16:57 Calibration ID: 28523

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/14	QR096838.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	155326				Ave		155326.146						20.0			
PCB-1268 Peak 2	161251				Ave		161250.675						20.0			
PCB-1268 Peak 3	136376				Ave		136375.583						20.0			
PCB-1268 Peak 4	58020				Ave		58020.4680						20.0			
PCB-1268 Peak 5	277477				Ave		277477.071						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.: 460-62993-1 Analy Batch No.: 178195

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/26/2013 16:57 Calibration End Date: 08/26/2013 16:57 Calibration ID: 28523

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-178195/14	QR096838.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	155326146					1000				
PCB-1268 Peak 2	Ave	161250675					1000				
PCB-1268 Peak 3	Ave	136375583					1000				
PCB-1268 Peak 4	Ave	58020468					1000				
PCB-1268 Peak 5	Ave	277477071					1000				

Curve Type Legend:

Ave = Average

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181717/2 Calibration Date: 09/17/2013 08:11

Instrument ID: CPESTGC11 Calib Start Date: 09/16/2013 12:31

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/16/2013 13:45

Lab File ID: T023123.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	8207	8201		999	1000	-0.0	15.0
PCB-1016 Peak 2	Ave	16489	17280		1050	1000	4.8	15.0
PCB-1016 Peak 3	Ave	34920	34420		986	1000	-1.4	15.0
PCB-1016 Peak 4	Ave	10545	10366		983	1000	-1.7	15.0
PCB-1016 Peak 5	Ave	12212	11781		965	1000	-3.5	15.0
PCB-1260 Peak 1	Ave	21187	21387		1010	1000	0.9	15.0
PCB-1260 Peak 2	Ave	25552	24677		966	1000	-3.4	15.0
PCB-1260 Peak 3	Ave	19957	19766		990	1000	-1.0	15.0
PCB-1260 Peak 4	Ave	39971	39448		987	1000	-1.3	15.0
PCB-1260 Peak 5	Ave	10965	10321		941	1000	-5.9	15.0
Tetrachloro-m-xylene	Ave	472767	505007		107	100	6.8	15.0
DCB Decachlorobiphenyl	Ave	296286	303737		103	100	2.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181717/2 Calibration Date: 09/17/2013 08:11

Instrument ID: CPESTGC11 Calib Start Date: 09/16/2013 12:31

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/16/2013 13:45

Lab File ID: T023123.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.90	2.83	2.97
PCB-1016 Peak 2	3.55	3.49	3.63
PCB-1016 Peak 3	4.38	4.31	4.45
PCB-1016 Peak 4	5.43	5.37	5.51
PCB-1016 Peak 5	5.64	5.57	5.71
PCB-1260 Peak 1	7.60	7.53	7.67
PCB-1260 Peak 2	8.03	7.97	8.11
PCB-1260 Peak 3	9.77	9.70	9.84
PCB-1260 Peak 4	10.16	10.10	10.24
PCB-1260 Peak 5	11.00	10.94	11.08
Tetrachloro-m-xylene	2.20	2.15	2.25
DCB Decachlorobiphenyl	11.43	11.34	11.54

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181717/2 Calibration Date: 09/17/2013 08:11

Instrument ID: CPESTGC11 Calib Start Date: 09/16/2013 12:31

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/16/2013 13:45

Lab File ID: T023123.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	69727	66664		956	1000	-4.4	15.0
PCB-1016 Peak 2	Ave	107031	104922		980	1000	-2.0	15.0
PCB-1016 Peak 3	Ave	226889	222306		980	1000	-2.0	15.0
PCB-1016 Peak 4	Ave	88462	87421		988	1000	-1.2	15.0
PCB-1016 Peak 5	Ave	89748	86574		965	1000	-3.5	15.0
PCB-1260 Peak 1	Ave	127790	121971		954	1000	-4.6	15.0
PCB-1260 Peak 2	Ave	128192	124339		970	1000	-3.0	15.0
PCB-1260 Peak 3	Ave	278087	278099		1000	1000	0.0	15.0
PCB-1260 Peak 4	Ave	152326	144916		951	1000	-4.9	15.0
PCB-1260 Peak 5	Ave	72733	69662		958	1000	-4.2	15.0
Tetrachloro-m-xylene	Ave	3038740	3137492		103	100	3.2	15.0
DCB Decachlorobiphenyl	Ave	2161547	2114265		97.8	100	-2.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181717/2 Calibration Date: 09/17/2013 08:11

Instrument ID: CPESTGC11 Calib Start Date: 09/16/2013 12:31

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/16/2013 13:45

Lab File ID: T023123.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.05	1.97	2.11
PCB-1016 Peak 2	2.49	2.41	2.55
PCB-1016 Peak 3	3.09	3.01	3.15
PCB-1016 Peak 4	3.29	3.21	3.35
PCB-1016 Peak 5	4.00	3.92	4.06
PCB-1260 Peak 1	6.03	5.96	6.10
PCB-1260 Peak 2	7.56	7.48	7.62
PCB-1260 Peak 3	8.20	8.12	8.26
PCB-1260 Peak 4	8.84	8.76	8.90
PCB-1260 Peak 5	10.13	10.06	10.20
Tetrachloro-m-xylene	1.62	1.56	1.66
DCB Decachlorobiphenyl	10.62	10.51	10.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181717/14 Calibration Date: 09/17/2013 12:00

Instrument ID: CPESTGC11 Calib Start Date: 09/16/2013 12:31

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/16/2013 13:45

Lab File ID: T023135.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	8207	8095		986	1000	-1.4	15.0
PCB-1016 Peak 2	Ave	16489	17039		1030	1000	3.3	15.0
PCB-1016 Peak 3	Ave	34920	34106		977	1000	-2.3	15.0
PCB-1016 Peak 4	Ave	10545	10322		979	1000	-2.1	15.0
PCB-1016 Peak 5	Ave	12212	11907		975	1000	-2.5	15.0
PCB-1260 Peak 1	Ave	21187	21226		1000	1000	0.2	15.0
PCB-1260 Peak 2	Ave	25552	24397		955	1000	-4.5	15.0
PCB-1260 Peak 3	Ave	19957	19973		1000	1000	0.0	15.0
PCB-1260 Peak 4	Ave	39971	40255		1010	1000	0.7	15.0
PCB-1260 Peak 5	Ave	10965	10321		941	1000	-5.9	15.0
Tetrachloro-m-xylene	Ave	472767	494588		105	100	4.6	15.0
DCB Decachlorobiphenyl	Ave	296286	306628		103	100	3.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181717/14 Calibration Date: 09/17/2013 12:00

Instrument ID: CPESTGC11 Calib Start Date: 09/16/2013 12:31

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/16/2013 13:45

Lab File ID: T023135.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.92	2.83	2.97
PCB-1016 Peak 2	3.58	3.49	3.63
PCB-1016 Peak 3	4.39	4.31	4.45
PCB-1016 Peak 4	5.45	5.37	5.51
PCB-1016 Peak 5	5.65	5.57	5.71
PCB-1260 Peak 1	7.61	7.53	7.67
PCB-1260 Peak 2	8.04	7.97	8.11
PCB-1260 Peak 3	9.77	9.70	9.84
PCB-1260 Peak 4	10.17	10.10	10.24
PCB-1260 Peak 5	11.00	10.94	11.08
Tetrachloro-m-xylene	2.22	2.15	2.25
DCB Decachlorobiphenyl	11.44	11.34	11.54

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181717/14 Calibration Date: 09/17/2013 12:00

Instrument ID: CPESTGC11 Calib Start Date: 09/16/2013 12:31

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/16/2013 13:45

Lab File ID: T023135.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	69727	65096		934	1000	-6.6	15.0
PCB-1016 Peak 2	Ave	107031	103523		967	1000	-3.3	15.0
PCB-1016 Peak 3	Ave	226889	215981		952	1000	-4.8	15.0
PCB-1016 Peak 4	Ave	88462	86126		974	1000	-2.6	15.0
PCB-1016 Peak 5	Ave	89748	83315		928	1000	-7.2	15.0
PCB-1260 Peak 1	Ave	127790	122610		959	1000	-4.1	15.0
PCB-1260 Peak 2	Ave	128192	120455		940	1000	-6.0	15.0
PCB-1260 Peak 3	Ave	278087	267223		961	1000	-3.9	15.0
PCB-1260 Peak 4	Ave	152326	138202		907	1000	-9.3	15.0
PCB-1260 Peak 5	Ave	72733	67243		925	1000	-7.5	15.0
Tetrachloro-m-xylene	Ave	3038740	3082927		101	100	1.5	15.0
DCB Decachlorobiphenyl	Ave	2161547	2132419		98.7	100	-1.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181717/14 Calibration Date: 09/17/2013 12:00

Instrument ID: CPESTGC11 Calib Start Date: 09/16/2013 12:31

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/16/2013 13:45

Lab File ID: T023135.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.05	1.97	2.11
PCB-1016 Peak 2	2.49	2.41	2.55
PCB-1016 Peak 3	3.09	3.01	3.15
PCB-1016 Peak 4	3.29	3.21	3.35
PCB-1016 Peak 5	3.99	3.92	4.06
PCB-1260 Peak 1	6.03	5.96	6.10
PCB-1260 Peak 2	7.56	7.48	7.62
PCB-1260 Peak 3	8.19	8.12	8.26
PCB-1260 Peak 4	8.83	8.76	8.90
PCB-1260 Peak 5	10.13	10.06	10.20
Tetrachloro-m-xylene	1.62	1.56	1.66
DCB Decachlorobiphenyl	10.61	10.51	10.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181779/17 Calibration Date: 09/17/2013 12:50

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208143.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	153.7	145.5		947	1000	-5.3	15.0
PCB-1016 Peak 2	Ave	312.2	299.7		960	1000	-4.0	15.0
PCB-1016 Peak 3	Ave	571.7	554.2		969	1000	-3.1	15.0
PCB-1016 Peak 4	Ave	181.9	185.6		1020	1000	2.0	15.0
PCB-1016 Peak 5	Ave	220.6	229.0		1040	1000	3.8	15.0
PCB-1260 Peak 1	Ave	367.0	368.3		1000	1000	0.3	15.0
PCB-1260 Peak 2	Ave	430.0	425.7		990	1000	-1.0	15.0
PCB-1260 Peak 3	Ave	402.6	393.8		978	1000	-2.2	15.0
PCB-1260 Peak 4	Ave	677.9	694.8		1020	1000	2.5	15.0
PCB-1260 Peak 5	Ave	158.7	166.5		1050	1000	4.9	15.0
Tetrachloro-m-xylene	Ave	6887	7049		102	100	2.4	15.0
DCB Decachlorobiphenyl	Ave	3899	4188		107	100	7.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181779/17 Calibration Date: 09/17/2013 12:50

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208143.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.09	3.02	3.16
PCB-1016 Peak 2	3.56	3.50	3.64
PCB-1016 Peak 3	4.10	4.04	4.18
PCB-1016 Peak 4	4.87	4.80	4.94
PCB-1016 Peak 5	5.02	4.96	5.10
PCB-1260 Peak 1	6.57	6.51	6.65
PCB-1260 Peak 2	6.91	6.85	6.99
PCB-1260 Peak 3	8.48	8.43	8.57
PCB-1260 Peak 4	9.00	8.94	9.08
PCB-1260 Peak 5	10.19	10.12	10.26
Tetrachloro-m-xylene	2.56	2.51	2.61
DCB Decachlorobiphenyl	10.72	10.61	10.81

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181779/17 Calibration Date: 09/17/2013 12:50

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208143.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	225.3	222.3		987	1000	-1.3	15.0
PCB-1016 Peak 2	Ave	354.9	337.3		950	1000	-5.0	15.0
PCB-1016 Peak 3	Ave	771.1	738.8		958	1000	-4.2	15.0
PCB-1016 Peak 4	Ave	291.5	271.5		931	1000	-6.9	15.0
PCB-1016 Peak 5	Ave	315.5	293.8		931	1000	-6.9	15.0
PCB-1260 Peak 1	Ave	433.1	415.2		959	1000	-4.1	15.0
PCB-1260 Peak 2	Ave	405.4	385.1		950	1000	-5.0	15.0
PCB-1260 Peak 3	Ave	964.6	938.9		973	1000	-2.7	15.0
PCB-1260 Peak 4	Ave	496.8	473.5		953	1000	-4.7	15.0
PCB-1260 Peak 5	Ave	303.3	308.0		1020	1000	1.5	15.0
Tetrachloro-m-xylene	Ave	8720	8825		101	100	1.2	15.0
DCB Decachlorobiphenyl	Ave	7052	7287		103	100	3.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181779/17 Calibration Date: 09/17/2013 12:50

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208143.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.34	2.27	2.41
PCB-1016 Peak 2	2.67	2.60	2.74
PCB-1016 Peak 3	3.12	3.05	3.19
PCB-1016 Peak 4	3.26	3.20	3.34
PCB-1016 Peak 5	3.70	3.63	3.77
PCB-1260 Peak 1	5.11	5.05	5.19
PCB-1260 Peak 2	6.27	6.21	6.35
PCB-1260 Peak 3	6.74	6.68	6.82
PCB-1260 Peak 4	7.23	7.17	7.31
PCB-1260 Peak 5	8.60	8.54	8.68
Tetrachloro-m-xylene	2.05	2.00	2.10
DCB Decachlorobiphenyl	9.37	9.28	9.48

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181779/21 Calibration Date: 09/17/2013 14:13

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208147.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	153.7	146.6		954	1000	-4.6	15.0
PCB-1016 Peak 2	Ave	312.2	297.3		952	1000	-4.8	15.0
PCB-1016 Peak 3	Ave	571.7	548.2		959	1000	-4.1	15.0
PCB-1016 Peak 4	Ave	181.9	174.5		960	1000	-4.0	15.0
PCB-1016 Peak 5	Ave	220.6	219.4		995	1000	-0.5	15.0
PCB-1260 Peak 1	Ave	367.0	353.7		964	1000	-3.6	15.0
PCB-1260 Peak 2	Ave	430.0	408.2		949	1000	-5.1	15.0
PCB-1260 Peak 3	Ave	402.6	377.5		938	1000	-6.2	15.0
PCB-1260 Peak 4	Ave	677.9	672.3		992	1000	-0.8	15.0
PCB-1260 Peak 5	Ave	158.7	160.2		1010	1000	1.0	15.0
Tetrachloro-m-xylene	Ave	6887	6876		99.8	100	-0.2	15.0
DCB Decachlorobiphenyl	Ave	3899	4024		103	100	3.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181786/21 Calibration Date: 09/17/2013 14:13

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208147.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	153.7	146.6		954	1000	-4.6	15.0
PCB-1016 Peak 2	Ave	312.2	297.3		952	1000	-4.8	15.0
PCB-1016 Peak 3	Ave	571.7	548.2		959	1000	-4.1	15.0
PCB-1016 Peak 4	Ave	181.9	174.5		960	1000	-4.0	15.0
PCB-1016 Peak 5	Ave	220.6	219.4		995	1000	-0.5	15.0
PCB-1260 Peak 1	Ave	367.0	353.7		964	1000	-3.6	15.0
PCB-1260 Peak 2	Ave	430.0	408.2		949	1000	-5.1	15.0
PCB-1260 Peak 3	Ave	402.6	377.5		938	1000	-6.2	15.0
PCB-1260 Peak 4	Ave	677.9	672.3		992	1000	-0.8	15.0
PCB-1260 Peak 5	Ave	158.7	160.2		1010	1000	1.0	15.0
Tetrachloro-m-xylene	Ave	6887	6876		99.8	100	-0.2	15.0
DCB Decachlorobiphenyl	Ave	3899	4024		103	100	3.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181779/21 Calibration Date: 09/17/2013 14:13

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208147.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.09	3.02	3.16
PCB-1016 Peak 2	3.56	3.50	3.64
PCB-1016 Peak 3	4.10	4.04	4.18
PCB-1016 Peak 4	4.87	4.80	4.94
PCB-1016 Peak 5	5.02	4.96	5.10
PCB-1260 Peak 1	6.57	6.51	6.65
PCB-1260 Peak 2	6.91	6.85	6.99
PCB-1260 Peak 3	8.48	8.43	8.57
PCB-1260 Peak 4	9.00	8.94	9.08
PCB-1260 Peak 5	10.18	10.12	10.26
Tetrachloro-m-xylene	2.56	2.51	2.61
DCB Decachlorobiphenyl	10.69	10.61	10.81

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181786/21 Calibration Date: 09/17/2013 14:13

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208147.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.09	3.02	3.16
PCB-1016 Peak 2	3.56	3.50	3.64
PCB-1016 Peak 3	4.10	4.04	4.18
PCB-1016 Peak 4	4.87	4.80	4.94
PCB-1016 Peak 5	5.02	4.96	5.10
PCB-1260 Peak 1	6.57	6.51	6.65
PCB-1260 Peak 2	6.91	6.85	6.99
PCB-1260 Peak 3	8.48	8.43	8.57
PCB-1260 Peak 4	9.00	8.94	9.08
PCB-1260 Peak 5	10.18	10.12	10.26
Tetrachloro-m-xylene	2.56	2.51	2.61
DCB Decachlorobiphenyl	10.69	10.61	10.81

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181779/21 Calibration Date: 09/17/2013 14:13

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208147.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	225.3	215.6		957	1000	-4.3	15.0
PCB-1016 Peak 2	Ave	354.9	331.9		935	1000	-6.5	15.0
PCB-1016 Peak 3	Ave	771.1	732.4		950	1000	-5.0	15.0
PCB-1016 Peak 4	Ave	291.5	269.6		925	1000	-7.5	15.0
PCB-1016 Peak 5	Ave	315.5	288.5		914	1000	-8.6	15.0
PCB-1260 Peak 1	Ave	433.1	406.0		937	1000	-6.3	15.0
PCB-1260 Peak 2	Ave	405.4	369.5		912	1000	-8.8	15.0
PCB-1260 Peak 3	Ave	964.6	916.6		950	1000	-5.0	15.0
PCB-1260 Peak 4	Ave	496.8	460.9		928	1000	-7.2	15.0
PCB-1260 Peak 5	Ave	303.3	296.3		977	1000	-2.3	15.0
Tetrachloro-m-xylene	Ave	8720	8635		99.0	100	-1.0	15.0
DCB Decachlorobiphenyl	Ave	7052	6806		96.5	100	-3.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181786/21 Calibration Date: 09/17/2013 14:13

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208147.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	225.3	215.6		957	1000	-4.3	15.0
PCB-1016 Peak 2	Ave	354.9	331.9		935	1000	-6.5	15.0
PCB-1016 Peak 3	Ave	771.1	732.4		950	1000	-5.0	15.0
PCB-1016 Peak 4	Ave	291.5	269.6		925	1000	-7.5	15.0
PCB-1016 Peak 5	Ave	315.5	288.5		914	1000	-8.6	15.0
PCB-1260 Peak 1	Ave	433.1	406.0		937	1000	-6.3	15.0
PCB-1260 Peak 2	Ave	405.4	369.5		912	1000	-8.8	15.0
PCB-1260 Peak 3	Ave	964.6	916.6		950	1000	-5.0	15.0
PCB-1260 Peak 4	Ave	496.8	460.9		928	1000	-7.2	15.0
PCB-1260 Peak 5	Ave	303.3	296.3		977	1000	-2.3	15.0
Tetrachloro-m-xylene	Ave	8720	8635		99.0	100	-1.0	15.0
DCB Decachlorobiphenyl	Ave	7052	6806		96.5	100	-3.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181779/21 Calibration Date: 09/17/2013 14:13

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208147.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.34	2.27	2.41
PCB-1016 Peak 2	2.67	2.60	2.74
PCB-1016 Peak 3	3.12	3.05	3.19
PCB-1016 Peak 4	3.26	3.20	3.34
PCB-1016 Peak 5	3.70	3.63	3.77
PCB-1260 Peak 1	5.11	5.05	5.19
PCB-1260 Peak 2	6.27	6.21	6.35
PCB-1260 Peak 3	6.74	6.68	6.82
PCB-1260 Peak 4	7.23	7.17	7.31
PCB-1260 Peak 5	8.60	8.54	8.68
Tetrachloro-m-xylene	2.05	2.00	2.10
DCB Decachlorobiphenyl	9.37	9.28	9.48

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181786/21 Calibration Date: 09/17/2013 14:13

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208147.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.34	2.27	2.41
PCB-1016 Peak 2	2.67	2.60	2.74
PCB-1016 Peak 3	3.12	3.05	3.19
PCB-1016 Peak 4	3.26	3.20	3.34
PCB-1016 Peak 5	3.70	3.63	3.77
PCB-1260 Peak 1	5.11	5.05	5.19
PCB-1260 Peak 2	6.27	6.21	6.35
PCB-1260 Peak 3	6.74	6.68	6.82
PCB-1260 Peak 4	7.23	7.17	7.31
PCB-1260 Peak 5	8.60	8.54	8.68
Tetrachloro-m-xylene	2.05	2.00	2.10
DCB Decachlorobiphenyl	9.37	9.28	9.48

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181786/47 Calibration Date: 09/17/2013 21:39

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208173.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	153.7	149.0		970	1000	-3.0	15.0
PCB-1016 Peak 2	Ave	312.2	302.9		970	1000	-3.0	15.0
PCB-1016 Peak 3	Ave	571.7	564.8		988	1000	-1.2	15.0
PCB-1016 Peak 4	Ave	181.9	174.5		960	1000	-4.0	15.0
PCB-1016 Peak 5	Ave	220.6	226.0		1020	1000	2.4	15.0
PCB-1260 Peak 1	Ave	367.0	363.0		989	1000	-1.1	15.0
PCB-1260 Peak 2	Ave	430.0	419.0		974	1000	-2.6	15.0
PCB-1260 Peak 3	Ave	402.6	387.1		962	1000	-3.8	15.0
PCB-1260 Peak 4	Ave	677.9	690.9		1020	1000	1.9	15.0
PCB-1260 Peak 5	Ave	158.7	163.3		1030	1000	2.9	15.0
Tetrachloro-m-xylene	Ave	6887	7306		106	100	6.1	15.0
DCB Decachlorobiphenyl	Ave	3899	4147		106	100	6.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181786/47 Calibration Date: 09/17/2013 21:39

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208173.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.09	3.02	3.16
PCB-1016 Peak 2	3.56	3.50	3.64
PCB-1016 Peak 3	4.10	4.04	4.18
PCB-1016 Peak 4	4.86	4.80	4.94
PCB-1016 Peak 5	5.02	4.96	5.10
PCB-1260 Peak 1	6.56	6.51	6.65
PCB-1260 Peak 2	6.91	6.85	6.99
PCB-1260 Peak 3	8.48	8.43	8.57
PCB-1260 Peak 4	9.00	8.94	9.08
PCB-1260 Peak 5	10.18	10.12	10.26
Tetrachloro-m-xylene	2.56	2.51	2.61
DCB Decachlorobiphenyl	10.70	10.61	10.81

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181786/47 Calibration Date: 09/17/2013 21:39

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208173.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	225.3	216.5		961	1000	-3.9	15.0
PCB-1016 Peak 2	Ave	354.9	336.6		948	1000	-5.2	15.0
PCB-1016 Peak 3	Ave	771.1	714.7		927	1000	-7.3	15.0
PCB-1016 Peak 4	Ave	291.5	272.1		934	1000	-6.6	15.0
PCB-1016 Peak 5	Ave	315.5	289.7		918	1000	-8.2	15.0
PCB-1260 Peak 1	Ave	433.1	411.9		951	1000	-4.9	15.0
PCB-1260 Peak 2	Ave	405.4	380.1		938	1000	-6.2	15.0
PCB-1260 Peak 3	Ave	964.6	933.2		967	1000	-3.3	15.0
PCB-1260 Peak 4	Ave	496.8	467.4		941	1000	-5.9	15.0
PCB-1260 Peak 5	Ave	303.3	301.4		994	1000	-0.6	15.0
Tetrachloro-m-xylene	Ave	8720	8745		100	100	0.3	15.0
DCB Decachlorobiphenyl	Ave	7052	7249		103	100	2.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181786/47 Calibration Date: 09/17/2013 21:39

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208173.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.34	2.27	2.41
PCB-1016 Peak 2	2.67	2.60	2.74
PCB-1016 Peak 3	3.12	3.05	3.19
PCB-1016 Peak 4	3.26	3.20	3.34
PCB-1016 Peak 5	3.70	3.63	3.77
PCB-1260 Peak 1	5.11	5.05	5.19
PCB-1260 Peak 2	6.27	6.21	6.35
PCB-1260 Peak 3	6.74	6.68	6.82
PCB-1260 Peak 4	7.23	7.17	7.31
PCB-1260 Peak 5	8.60	8.54	8.68
Tetrachloro-m-xylene	2.05	2.00	2.10
DCB Decachlorobiphenyl	9.37	9.28	9.48

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181811/49 Calibration Date: 09/17/2013 22:13

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208175.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	153.7	152.2		991	1000	-0.9	15.0
PCB-1016 Peak 2	Ave	312.2	306.6		982	1000	-1.8	15.0
PCB-1016 Peak 3	Ave	571.7	570.9		999	1000	-0.1	15.0
PCB-1016 Peak 4	Ave	181.9	180.0		990	1000	-1.0	15.0
PCB-1016 Peak 5	Ave	220.6	229.9		1040	1000	4.2	15.0
PCB-1260 Peak 1	Ave	367.0	367.6		1000	1000	0.1	15.0
PCB-1260 Peak 2	Ave	430.0	423.3		984	1000	-1.6	15.0
PCB-1260 Peak 3	Ave	402.6	390.6		970	1000	-3.0	15.0
PCB-1260 Peak 4	Ave	677.9	697.4		1030	1000	2.9	15.0
PCB-1260 Peak 5	Ave	158.7	164.7		1040	1000	3.8	15.0
Tetrachloro-m-xylene	Ave	6887	7196		104	100	4.5	15.0
DCB Decachlorobiphenyl	Ave	3899	4167		107	100	6.9	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181811/49 Calibration Date: 09/17/2013 22:13

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208175.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.09	3.02	3.16
PCB-1016 Peak 2	3.56	3.50	3.64
PCB-1016 Peak 3	4.10	4.04	4.18
PCB-1016 Peak 4	4.86	4.80	4.94
PCB-1016 Peak 5	5.02	4.96	5.10
PCB-1260 Peak 1	6.57	6.51	6.65
PCB-1260 Peak 2	6.91	6.85	6.99
PCB-1260 Peak 3	8.48	8.43	8.57
PCB-1260 Peak 4	9.00	8.94	9.08
PCB-1260 Peak 5	10.18	10.12	10.26
Tetrachloro-m-xylene	2.56	2.51	2.61
DCB Decachlorobiphenyl	10.70	10.61	10.81

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181811/49 Calibration Date: 09/17/2013 22:13

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208175.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	225.3	221.1		981	1000	-1.9	15.0
PCB-1016 Peak 2	Ave	354.9	343.4		968	1000	-3.2	15.0
PCB-1016 Peak 3	Ave	771.1	753.4		977	1000	-2.3	15.0
PCB-1016 Peak 4	Ave	291.5	272.9		936	1000	-6.4	15.0
PCB-1016 Peak 5	Ave	315.5	294.2		933	1000	-6.7	15.0
PCB-1260 Peak 1	Ave	433.1	416.4		961	1000	-3.9	15.0
PCB-1260 Peak 2	Ave	405.4	385.8		952	1000	-4.8	15.0
PCB-1260 Peak 3	Ave	964.6	943.1		978	1000	-2.2	15.0
PCB-1260 Peak 4	Ave	496.8	468.3		943	1000	-5.7	15.0
PCB-1260 Peak 5	Ave	303.3	305.4		1010	1000	0.7	15.0
Tetrachloro-m-xylene	Ave	8720	8950		103	100	2.6	15.0
DCB Decachlorobiphenyl	Ave	7052	7314		104	100	3.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181811/49 Calibration Date: 09/17/2013 22:13

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208175.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.34	2.27	2.41
PCB-1016 Peak 2	2.67	2.60	2.74
PCB-1016 Peak 3	3.12	3.05	3.19
PCB-1016 Peak 4	3.26	3.20	3.34
PCB-1016 Peak 5	3.70	3.63	3.77
PCB-1260 Peak 1	5.11	5.05	5.19
PCB-1260 Peak 2	6.27	6.21	6.35
PCB-1260 Peak 3	6.74	6.68	6.82
PCB-1260 Peak 4	7.23	7.17	7.31
PCB-1260 Peak 5	8.60	8.54	8.68
Tetrachloro-m-xylene	2.05	2.00	2.10
DCB Decachlorobiphenyl	9.37	9.28	9.48

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181811/75 Calibration Date: 09/18/2013 05:19

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208201.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	153.7	151.9		989	1000	-1.1	15.0
PCB-1016 Peak 2	Ave	312.2	292.7		938	1000	-6.2	15.0
PCB-1016 Peak 3	Ave	571.7	569.7		997	1000	-0.3	15.0
PCB-1016 Peak 4	Ave	181.9	176.7		972	1000	-2.8	15.0
PCB-1016 Peak 5	Ave	220.6	233.3		1060	1000	5.8	15.0
PCB-1260 Peak 1	Ave	367.0	364.4		993	1000	-0.7	15.0
PCB-1260 Peak 2	Ave	430.0	421.1		979	1000	-2.1	15.0
PCB-1260 Peak 3	Ave	402.6	388.3		965	1000	-3.5	15.0
PCB-1260 Peak 4	Ave	677.9	697.9		1030	1000	3.0	15.0
PCB-1260 Peak 5	Ave	158.7	166.1		1050	1000	4.6	15.0
Tetrachloro-m-xylene	Ave	6887	7362		107	100	6.9	15.0
DCB Decachlorobiphenyl	Ave	3899	4199		108	100	7.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181811/75 Calibration Date: 09/18/2013 05:19

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208201.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.09	3.02	3.16
PCB-1016 Peak 2	3.56	3.50	3.64
PCB-1016 Peak 3	4.10	4.04	4.18
PCB-1016 Peak 4	4.86	4.80	4.94
PCB-1016 Peak 5	5.02	4.96	5.10
PCB-1260 Peak 1	6.56	6.51	6.65
PCB-1260 Peak 2	6.91	6.85	6.99
PCB-1260 Peak 3	8.48	8.43	8.57
PCB-1260 Peak 4	9.00	8.94	9.08
PCB-1260 Peak 5	10.18	10.12	10.26
Tetrachloro-m-xylene	2.56	2.51	2.61
DCB Decachlorobiphenyl	10.71	10.61	10.81

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181811/75 Calibration Date: 09/18/2013 05:19

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208201.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	225.3	216.5		961	1000	-3.9	15.0
PCB-1016 Peak 2	Ave	354.9	337.0		949	1000	-5.1	15.0
PCB-1016 Peak 3	Ave	771.1	712.4		924	1000	-7.6	15.0
PCB-1016 Peak 4	Ave	291.5	268.9		922	1000	-7.8	15.0
PCB-1016 Peak 5	Ave	315.5	284.7		902	1000	-9.8	15.0
PCB-1260 Peak 1	Ave	433.1	409.0		944	1000	-5.6	15.0
PCB-1260 Peak 2	Ave	405.4	372.5		919	1000	-8.1	15.0
PCB-1260 Peak 3	Ave	964.6	934.7		969	1000	-3.1	15.0
PCB-1260 Peak 4	Ave	496.8	452.9		912	1000	-8.8	15.0
PCB-1260 Peak 5	Ave	303.3	301.2		993	1000	-0.7	15.0
Tetrachloro-m-xylene	Ave	8720	8763		100	100	0.5	15.0
DCB Decachlorobiphenyl	Ave	7052	7275		103	100	3.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181811/75 Calibration Date: 09/18/2013 05:19

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208201.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.34	2.27	2.41
PCB-1016 Peak 2	2.67	2.60	2.74
PCB-1016 Peak 3	3.12	3.05	3.19
PCB-1016 Peak 4	3.26	3.20	3.34
PCB-1016 Peak 5	3.70	3.63	3.77
PCB-1260 Peak 1	5.11	5.05	5.19
PCB-1260 Peak 2	6.27	6.21	6.35
PCB-1260 Peak 3	6.74	6.68	6.82
PCB-1260 Peak 4	7.23	7.17	7.31
PCB-1260 Peak 5	8.60	8.54	8.68
Tetrachloro-m-xylene	2.05	2.00	2.10
DCB Decachlorobiphenyl	9.37	9.28	9.48

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181943/2 Calibration Date: 09/18/2013 08:04

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208205.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	153.7	140.5		915	1000	-8.5	15.0
PCB-1016 Peak 2	Ave	312.2	286.2		917	1000	-8.3	15.0
PCB-1016 Peak 3	Ave	571.7	533.9		934	1000	-6.6	15.0
PCB-1016 Peak 4	Ave	181.9	167.3		920	1000	-8.0	15.0
PCB-1016 Peak 5	Ave	220.6	220.1		998	1000	-0.2	15.0
PCB-1260 Peak 1	Ave	367.0	351.8		958	1000	-4.2	15.0
PCB-1260 Peak 2	Ave	430.0	407.4		947	1000	-5.3	15.0
PCB-1260 Peak 3	Ave	402.6	377.4		937	1000	-6.3	15.0
PCB-1260 Peak 4	Ave	677.9	680.6		1000	1000	0.4	15.0
PCB-1260 Peak 5	Ave	158.7	169.3		1070	1000	6.7	15.0
Tetrachloro-m-xylene	Ave	6887	6822		99.1	100	-0.9	15.0
DCB Decachlorobiphenyl	Ave	3899	4232		109	100	8.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181943/2 Calibration Date: 09/18/2013 08:04

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208205.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.10	3.02	3.16
PCB-1016 Peak 2	3.57	3.50	3.64
PCB-1016 Peak 3	4.11	4.04	4.18
PCB-1016 Peak 4	4.87	4.80	4.94
PCB-1016 Peak 5	5.03	4.96	5.10
PCB-1260 Peak 1	6.57	6.51	6.65
PCB-1260 Peak 2	6.92	6.85	6.99
PCB-1260 Peak 3	8.49	8.43	8.57
PCB-1260 Peak 4	9.00	8.94	9.08
PCB-1260 Peak 5	10.19	10.12	10.26
Tetrachloro-m-xylene	2.56	2.51	2.61
DCB Decachlorobiphenyl	10.72	10.61	10.81

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181943/2 Calibration Date: 09/18/2013 08:04

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208205.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	225.3	201.1		893	1000	-10.7	15.0
PCB-1016 Peak 2	Ave	354.9	319.4		900	1000	-10.0	15.0
PCB-1016 Peak 3	Ave	771.1	686.9		891	1000	-10.9	15.0
PCB-1016 Peak 4	Ave	291.5	256.2		879	1000	-12.1	15.0
PCB-1016 Peak 5	Ave	315.5	271.6		861	1000	-13.9	15.0
PCB-1260 Peak 1	Ave	433.1	398.0		919	1000	-8.1	15.0
PCB-1260 Peak 2	Ave	405.4	362.1		893	1000	-10.7	15.0
PCB-1260 Peak 3	Ave	964.6	908.9		942	1000	-5.8	15.0
PCB-1260 Peak 4	Ave	496.8	447.3		900	1000	-10.0	15.0
PCB-1260 Peak 5	Ave	303.3	292.2		963	1000	-3.7	15.0
Tetrachloro-m-xylene	Ave	8720	8284		95.0	100	-5.0	15.0
DCB Decachlorobiphenyl	Ave	7052	7088		101	100	0.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181943/2 Calibration Date: 09/18/2013 08:04

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208205.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.34	2.27	2.41
PCB-1016 Peak 2	2.67	2.60	2.74
PCB-1016 Peak 3	3.12	3.05	3.19
PCB-1016 Peak 4	3.26	3.20	3.34
PCB-1016 Peak 5	3.70	3.63	3.77
PCB-1260 Peak 1	5.11	5.05	5.19
PCB-1260 Peak 2	6.27	6.21	6.35
PCB-1260 Peak 3	6.74	6.68	6.82
PCB-1260 Peak 4	7.23	7.17	7.31
PCB-1260 Peak 5	8.60	8.54	8.68
Tetrachloro-m-xylene	2.05	2.00	2.10
DCB Decachlorobiphenyl	9.37	9.28	9.48

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181943/16 Calibration Date: 09/18/2013 12:35

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208219.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	153.7	149.3		971	1000	-2.9	15.0
PCB-1016 Peak 2	Ave	312.2	302.8		970	1000	-3.0	15.0
PCB-1016 Peak 3	Ave	571.7	564.0		987	1000	-1.3	15.0
PCB-1016 Peak 4	Ave	181.9	178.0		979	1000	-2.1	15.0
PCB-1016 Peak 5	Ave	220.6	232.4		1050	1000	5.3	15.0
PCB-1260 Peak 1	Ave	367.0	372.9		1020	1000	1.6	15.0
PCB-1260 Peak 2	Ave	430.0	433.8		1010	1000	0.9	15.0
PCB-1260 Peak 3	Ave	402.6	394.1		979	1000	-2.1	15.0
PCB-1260 Peak 4	Ave	677.9	702.6		1040	1000	3.6	15.0
PCB-1260 Peak 5	Ave	158.7	168.6		1060	1000	6.3	15.0
Tetrachloro-m-xylene	Ave	6887	7113		103	100	3.3	15.0
DCB Decachlorobiphenyl	Ave	3899	4226		108	100	8.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181943/16 Calibration Date: 09/18/2013 12:35

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208219.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.09	3.02	3.16
PCB-1016 Peak 2	3.56	3.50	3.64
PCB-1016 Peak 3	4.11	4.04	4.18
PCB-1016 Peak 4	4.87	4.80	4.94
PCB-1016 Peak 5	5.03	4.96	5.10
PCB-1260 Peak 1	6.57	6.51	6.65
PCB-1260 Peak 2	6.91	6.85	6.99
PCB-1260 Peak 3	8.49	8.43	8.57
PCB-1260 Peak 4	9.00	8.94	9.08
PCB-1260 Peak 5	10.19	10.12	10.26
Tetrachloro-m-xylene	2.56	2.51	2.61
DCB Decachlorobiphenyl	10.72	10.61	10.81

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181943/16 Calibration Date: 09/18/2013 12:35

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208219.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	225.3	224.4		996	1000	-0.4	15.0
PCB-1016 Peak 2	Ave	354.9	343.0		966	1000	-3.4	15.0
PCB-1016 Peak 3	Ave	771.1	757.1		982	1000	-1.8	15.0
PCB-1016 Peak 4	Ave	291.5	282.2		968	1000	-3.2	15.0
PCB-1016 Peak 5	Ave	315.5	301.6		956	1000	-4.4	15.0
PCB-1260 Peak 1	Ave	433.1	418.0		965	1000	-3.5	15.0
PCB-1260 Peak 2	Ave	405.4	376.0		927	1000	-7.3	15.0
PCB-1260 Peak 3	Ave	964.6	946.8		982	1000	-1.8	15.0
PCB-1260 Peak 4	Ave	496.8	455.8		917	1000	-8.3	15.0
PCB-1260 Peak 5	Ave	303.3	305.6		1010	1000	0.7	15.0
Tetrachloro-m-xylene	Ave	8720	8901		102	100	2.1	15.0
DCB Decachlorobiphenyl	Ave	7052	7308		104	100	3.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181943/16 Calibration Date: 09/18/2013 12:35

Instrument ID: CPESTGC7 Calib Start Date: 09/13/2013 11:13

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/13/2013 12:20

Lab File ID: OR208219.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.34	2.27	2.41
PCB-1016 Peak 2	2.67	2.60	2.74
PCB-1016 Peak 3	3.12	3.05	3.19
PCB-1016 Peak 4	3.26	3.20	3.34
PCB-1016 Peak 5	3.70	3.63	3.77
PCB-1260 Peak 1	5.11	5.05	5.19
PCB-1260 Peak 2	6.27	6.21	6.35
PCB-1260 Peak 3	6.74	6.68	6.82
PCB-1260 Peak 4	7.23	7.17	7.31
PCB-1260 Peak 5	8.60	8.54	8.68
Tetrachloro-m-xylene	2.05	2.00	2.10
DCB Decachlorobiphenyl	9.37	9.28	9.48

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181958/47 Calibration Date: 09/18/2013 01:50

Instrument ID: CPESTGC8 Calib Start Date: 08/26/2013 13:57

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/26/2013 15:03

Lab File ID: QR097390.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	13615	15411		1130	1000	13.2	15.0
PCB-1016 Peak 2	Ave	25271	27626		1090	1000	9.3	15.0
PCB-1016 Peak 3	Ave	51988	53135		1020	1000	2.2	15.0
PCB-1016 Peak 4	Ave	16488	17518		1060	1000	6.2	15.0
PCB-1016 Peak 5	Ave	18662	19931		1070	1000	6.8	15.0
PCB-1260 Peak 1	Ave	37746	37144		984	1000	-1.6	15.0
PCB-1260 Peak 2	Ave	53387	50098		938	1000	-6.2	15.0
PCB-1260 Peak 3	Ave	46547	46938		1010	1000	0.8	15.0
PCB-1260 Peak 4	Ave	84008	80952		964	1000	-3.6	15.0
PCB-1260 Peak 5	Ave	19496	18357		942	1000	-5.8	15.0
Tetrachloro-m-xylene	Ave	688724	739921		107	100	7.4	15.0
DCB Decachlorobiphenyl	Ave	491900	459836		93.5	100	-6.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181958/47 Calibration Date: 09/18/2013 01:50

Instrument ID: CPESTGC8 Calib Start Date: 08/26/2013 13:57

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/26/2013 15:03

Lab File ID: QR097390.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.80	2.74	2.88
PCB-1016 Peak 2	3.43	3.38	3.52
PCB-1016 Peak 3	4.27	4.21	4.35
PCB-1016 Peak 4	5.34	5.29	5.43
PCB-1016 Peak 5	5.55	5.50	5.64
PCB-1260 Peak 1	7.51	7.46	7.60
PCB-1260 Peak 2	7.94	7.90	8.04
PCB-1260 Peak 3	9.01	8.96	9.10
PCB-1260 Peak 4	10.12	10.06	10.20
PCB-1260 Peak 5	11.01	10.96	11.10
Tetrachloro-m-xylene	2.10	2.06	2.16
DCB Decachlorobiphenyl	11.46	11.40	11.60

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181958/47 Calibration Date: 09/18/2013 01:50

Instrument ID: CPESTGC8 Calib Start Date: 08/26/2013 13:57

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/26/2013 15:03

Lab File ID: QR097390.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	25790	31854		1240	1000	23.5*	15.0
PCB-1016 Peak 2	Ave	40597	50069		1230	1000	23.3*	15.0
PCB-1016 Peak 3	Ave	86860	104376		1200	1000	20.2*	15.0
PCB-1016 Peak 4	Ave	34134	43235		1270	1000	26.7*	15.0
PCB-1016 Peak 5	Ave	33943	40894		1200	1000	20.5*	15.0
PCB-1260 Peak 1	Ave	49054	55012		1120	1000	12.1	15.0
PCB-1260 Peak 2	Ave	48586	53066		1090	1000	9.2	15.0
PCB-1260 Peak 3	Ave	129994	139748		1080	1000	7.5	15.0
PCB-1260 Peak 4	Ave	53403	60502		1130	1000	13.3	15.0
PCB-1260 Peak 5	Ave	36858	38806		1050	1000	5.3	15.0
Tetrachloro-m-xylene	Ave	1067786	1278996		120	100	19.8*	15.0
DCB Decachlorobiphenyl	Ave	831429	871978		105	100	4.9	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181958/47 Calibration Date: 09/18/2013 01:50

Instrument ID: CPESTGC8 Calib Start Date: 08/26/2013 13:57

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/26/2013 15:03

Lab File ID: QR097390.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.94	1.87	2.01
PCB-1016 Peak 2	2.37	2.30	2.44
PCB-1016 Peak 3	2.95	2.89	3.03
PCB-1016 Peak 4	3.13	3.07	3.21
PCB-1016 Peak 5	3.81	3.74	3.88
PCB-1260 Peak 1	5.82	5.76	5.90
PCB-1260 Peak 2	7.31	7.25	7.39
PCB-1260 Peak 3	7.91	7.85	7.99
PCB-1260 Peak 4	8.51	8.45	8.59
PCB-1260 Peak 5	9.91	9.85	9.99
Tetrachloro-m-xylene	1.52	1.47	1.57
DCB Decachlorobiphenyl	10.47	10.38	10.58

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181958/63 Calibration Date: 09/18/2013 06:19

Instrument ID: CPESTGC8 Calib Start Date: 08/26/2013 13:57

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/26/2013 15:03

Lab File ID: QR097406.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	13615	15644		1150	1000	14.9	15.0
PCB-1016 Peak 2	Ave	25271	30147		1190	1000	19.3*	15.0
PCB-1016 Peak 3	Ave	51988	57519		1110	1000	10.6	15.0
PCB-1016 Peak 4	Ave	16488	18007		1090	1000	9.2	15.0
PCB-1016 Peak 5	Ave	18662	21102		1130	1000	13.1	15.0
PCB-1260 Peak 1	Ave	37746	40518		1070	1000	7.3	15.0
PCB-1260 Peak 2	Ave	53387	54272		1020	1000	1.7	15.0
PCB-1260 Peak 3	Ave	46547	50813		1090	1000	9.2	15.0
PCB-1260 Peak 4	Ave	84008	87297		1040	1000	3.9	15.0
PCB-1260 Peak 5	Ave	19496	20549		1050	1000	5.4	15.0
Tetrachloro-m-xylene	Ave	688724	788081		114	100	14.4	15.0
DCB Decachlorobiphenyl	Ave	491900	498182		101	100	1.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181958/63 Calibration Date: 09/18/2013 06:19

Instrument ID: CPESTGC8 Calib Start Date: 08/26/2013 13:57

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/26/2013 15:03

Lab File ID: QR097406.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.80	2.74	2.88
PCB-1016 Peak 2	3.43	3.38	3.52
PCB-1016 Peak 3	4.27	4.21	4.35
PCB-1016 Peak 4	5.34	5.29	5.43
PCB-1016 Peak 5	5.55	5.50	5.64
PCB-1260 Peak 1	7.51	7.46	7.60
PCB-1260 Peak 2	7.95	7.90	8.04
PCB-1260 Peak 3	9.01	8.96	9.10
PCB-1260 Peak 4	10.12	10.06	10.20
PCB-1260 Peak 5	11.02	10.96	11.10
Tetrachloro-m-xylene	2.10	2.06	2.16
DCB Decachlorobiphenyl	11.49	11.40	11.60

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181958/63 Calibration Date: 09/18/2013 06:19

Instrument ID: CPESTGC8 Calib Start Date: 08/26/2013 13:57

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/26/2013 15:03

Lab File ID: QR097406.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	25790	36354		1410	1000	41.0*	15.0
PCB-1016 Peak 2	Ave	40597	53634		1320	1000	32.1*	15.0
PCB-1016 Peak 3	Ave	86860	112096		1290	1000	29.1*	15.0
PCB-1016 Peak 4	Ave	34134	45957		1350	1000	34.6*	15.0
PCB-1016 Peak 5	Ave	33943	44506		1310	1000	31.1*	15.0
PCB-1260 Peak 1	Ave	49054	58474		1190	1000	19.2*	15.0
PCB-1260 Peak 2	Ave	48586	55590		1140	1000	14.4	15.0
PCB-1260 Peak 3	Ave	129994	148797		1140	1000	14.5	15.0
PCB-1260 Peak 4	Ave	53403	66196		1240	1000	24.0*	15.0
PCB-1260 Peak 5	Ave	36858	41706		1130	1000	13.2	15.0
Tetrachloro-m-xylene	Ave	1067786	1416987		133	100	32.7*	15.0
DCB Decachlorobiphenyl	Ave	831429	929180		112	100	11.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181958/63 Calibration Date: 09/18/2013 06:19

Instrument ID: CPESTGC8 Calib Start Date: 08/26/2013 13:57

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/26/2013 15:03

Lab File ID: QR097406.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.93	1.87	2.01
PCB-1016 Peak 2	2.36	2.30	2.44
PCB-1016 Peak 3	2.94	2.89	3.03
PCB-1016 Peak 4	3.13	3.07	3.21
PCB-1016 Peak 5	3.80	3.74	3.88
PCB-1260 Peak 1	5.82	5.76	5.90
PCB-1260 Peak 2	7.30	7.25	7.39
PCB-1260 Peak 3	7.90	7.85	7.99
PCB-1260 Peak 4	8.51	8.45	8.59
PCB-1260 Peak 5	9.91	9.85	9.99
Tetrachloro-m-xylene	1.51	1.47	1.57
DCB Decachlorobiphenyl	10.48	10.38	10.58

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181488/1-A

Matrix: Water Lab File ID: QR097391.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 09/16/2013 08:47

Sample wt/vol: 125(mL) Date Analyzed: 09/18/2013 02:07

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181958 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		37-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097391.D		
Lims ID:	MB 460-181488/1-A	Client ID:	
Inject. Date:	18-Sep-2013 02:07:25	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0004724-048		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	48
Lims Batch ID:	181958	Lims Sample ID:	48
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\GC8_8082LVI.m		
Last Update:	18-Sep-2013 11:35:21	Calib Date:	26-Aug-2013 16:57:49
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130826-3994.b\QR096838.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: kapoors Date: 18-Sep-2013 11:09:40

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.100	2.111	-0.011	87255512	126.7	
2	1.510	1.521	-0.011	145607985	136.4	
					RPD = 7.35	
$ 5 DCB Decachlorobiphenyl						
1	11.466	11.503	-0.037	49142912	99.9	
2	10.474	10.483	-0.009	91424868	110.0	
					RPD = 9.58	

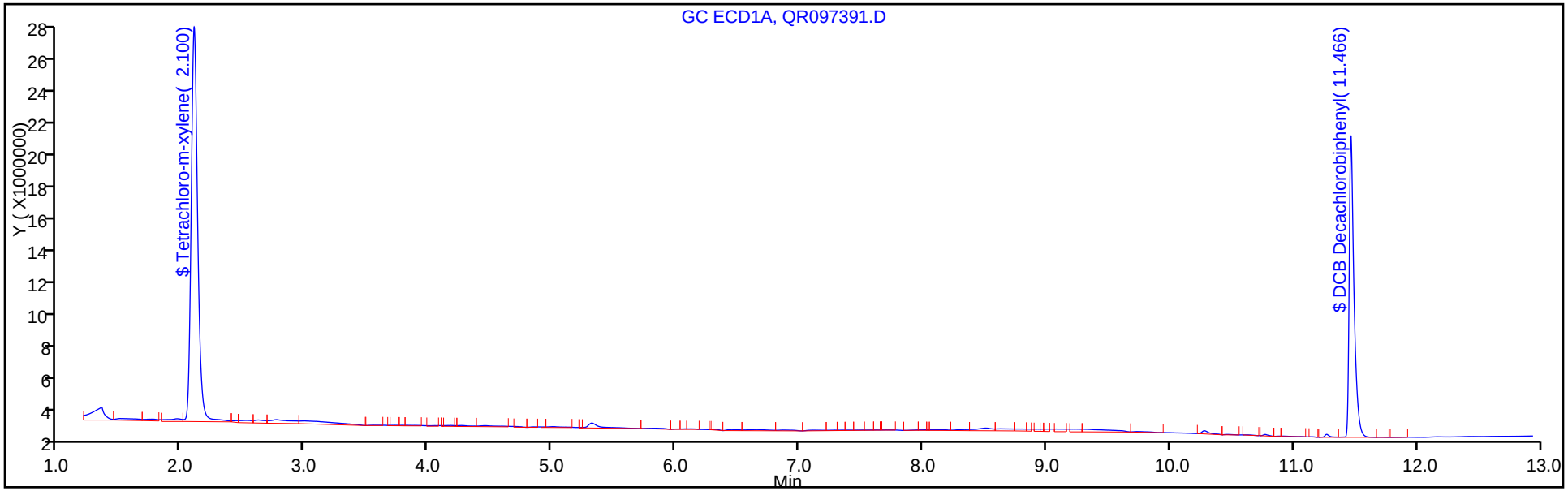
Report Date: 18-Sep-2013 11:35:24 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

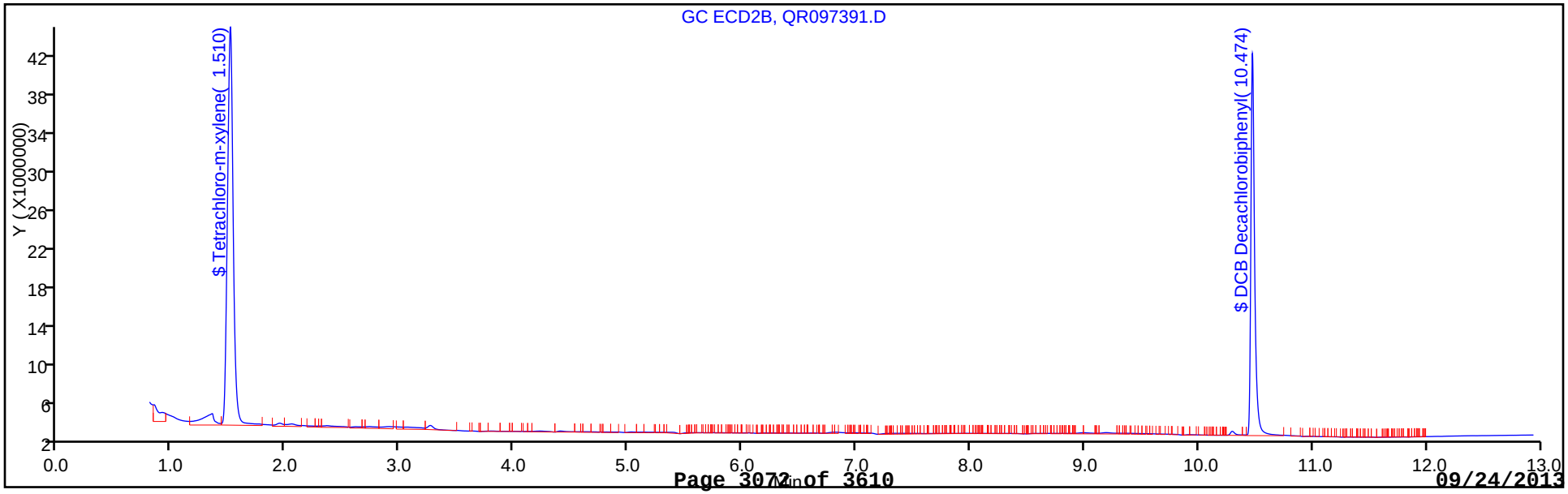
Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097391.D

Injection Date:	18-Sep-2013 02:07:25	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	48
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181488/1-A

Matrix: Water Lab File ID: QR097391.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 09/16/2013 08:47

Sample wt/vol: 125(mL) Date Analyzed: 09/18/2013 02:07

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.27	U	0.40	0.27
11104-28-2	Aroclor 1221	0.27	U	0.40	0.27
11141-16-5	Aroclor 1232	0.27	U	0.40	0.27
53469-21-9	Aroclor 1242	0.27	U	0.40	0.27
12672-29-6	Aroclor 1248	0.27	U	0.40	0.27
11097-69-1	Aroclor 1254	0.21	U	0.40	0.21
11096-82-5	Aroclor 1260	0.21	U	0.40	0.21
37324-23-5	Aroclor 1262	0.21	U	0.40	0.21
11100-14-4	Aroclor 1268	0.21	U	0.40	0.21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		37-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097391.D
Lims ID: MB 460-181488/1-A Client ID:
Inject. Date: 18-Sep-2013 02:07:25 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 460-0004724-048
Misc. Info.:
Operator: Instrument ID: CPESTGC8
Injection Vol: 1.0 ul ALS Bottle#: 48
Lims Batch ID: 181958 Lims Sample ID: 48
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\GC8_8082LVI.m
Last Update: 18-Sep-2013 11:35:21 Calib Date: 26-Aug-2013 16:57:49
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC8\20130826-3994.b\QR096838.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: kapoors Date: 18-Sep-2013 11:09:40

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.100	2.111	-0.011	87255512	126.7	
2	1.510	1.521	-0.011	145607985	136.4	
					RPD = 7.35	
$ 5 DCB Decachlorobiphenyl						
1	11.466	11.503	-0.037	49142912	99.9	
2	10.474	10.483	-0.009	91424868	110.0	
					RPD = 9.58	

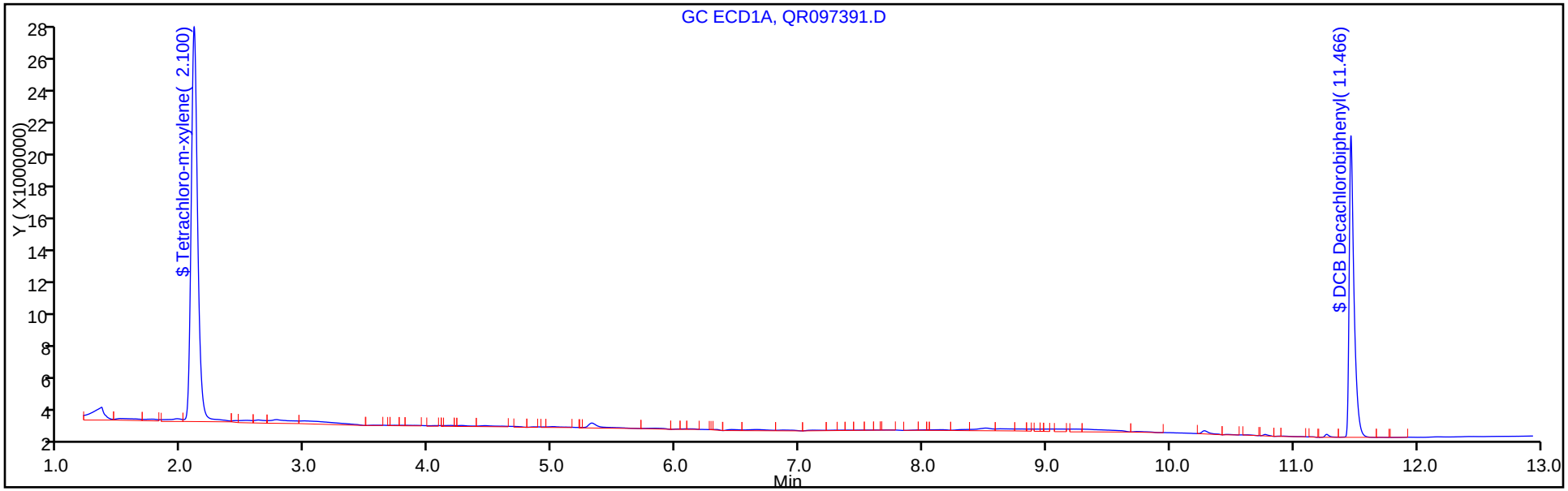
Report Date: 18-Sep-2013 11:35:24 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

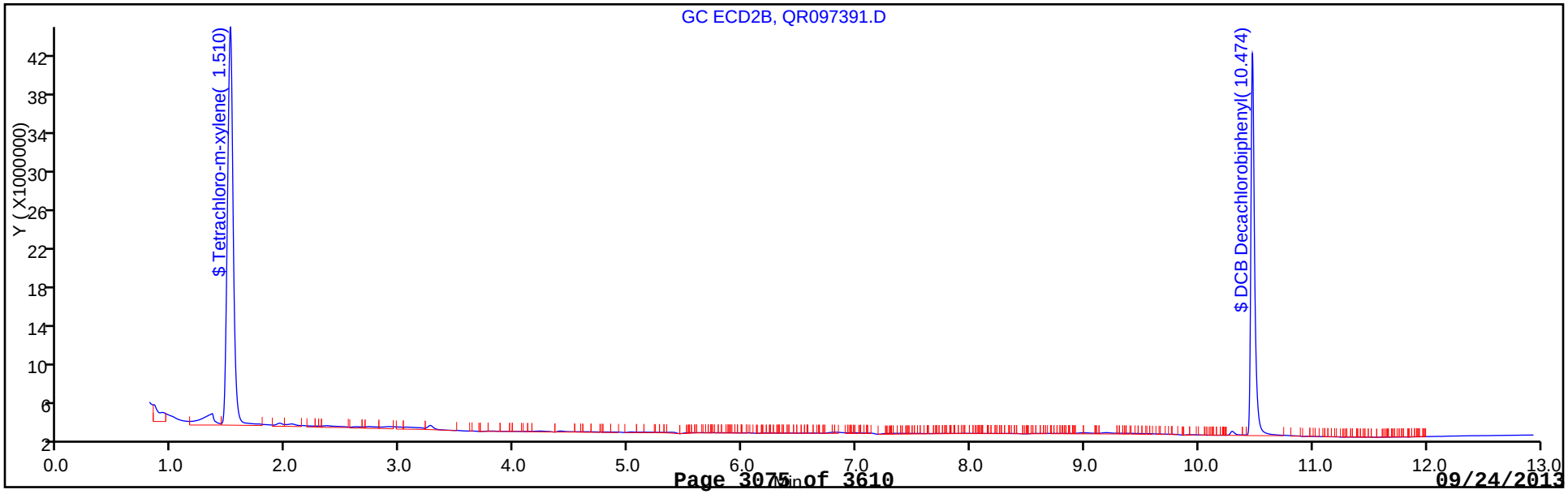
Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097391.D

Injection Date:	18-Sep-2013 02:07:25	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	48
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181667/1-A

Matrix: Solid Lab File ID: T023124.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/17/2013 04:50

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 08:38

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181717 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	132		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC11\20130917-4713.b\T023124.D		
Lims ID:	MB 460-181667/1-A	Client ID:	
Inject. Date:	17-Sep-2013 08:38:17	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC11
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	181717	Lims Sample ID:	3
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC11\20130917-4713.b\8082GC11.m		
Last Update:	17-Sep-2013 12:52:09	Calib Date:	16-Sep-2013 15:56:03
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC11\20130916-4672.b\T023100.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK035		

First Level Reviewer: patelji Date: 17-Sep-2013 09:33:39

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.201	2.201	0.0	32815881	69.4	
2	1.621	1.609	0.012	201045669	66.2	
					RPD = 4.80	
$ 5 DCB Decachlorobiphenyl						M
1	11.431	11.444	-0.013	19609430	66.2	M
2	10.616	10.614	0.002	139357486	64.5	
					RPD = 2.62	

QC Flag Legend

Review Flags
M - Manually Integrated

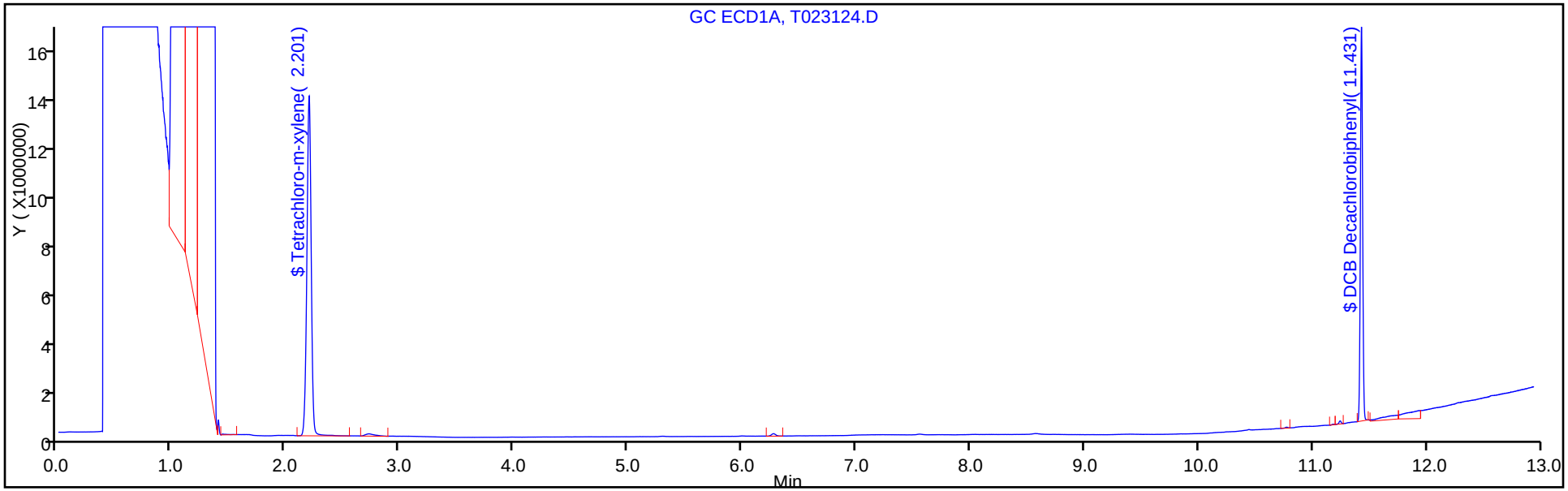
Report Date: 17-Sep-2013 12:52:12 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

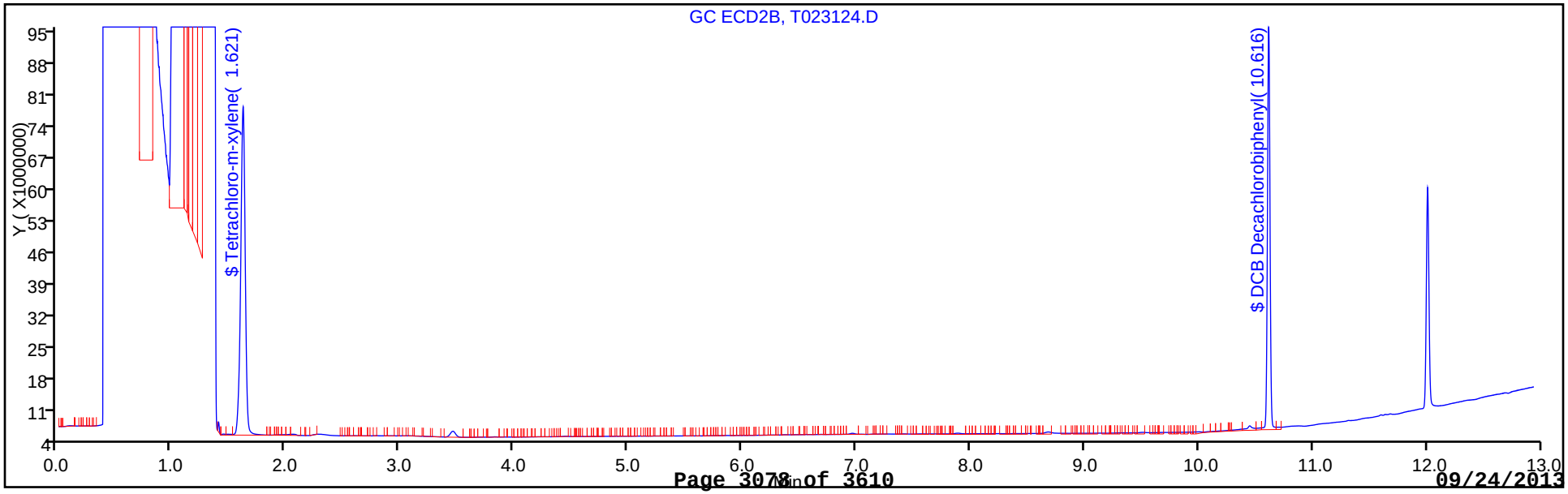
Data File: \\EDICHROM\ChromData\CPESTGC11\20130917-4713.b\T023124.D

Injection Date:	17-Sep-2013 08:38:17	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC11
Lims Batch ID:	181717	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

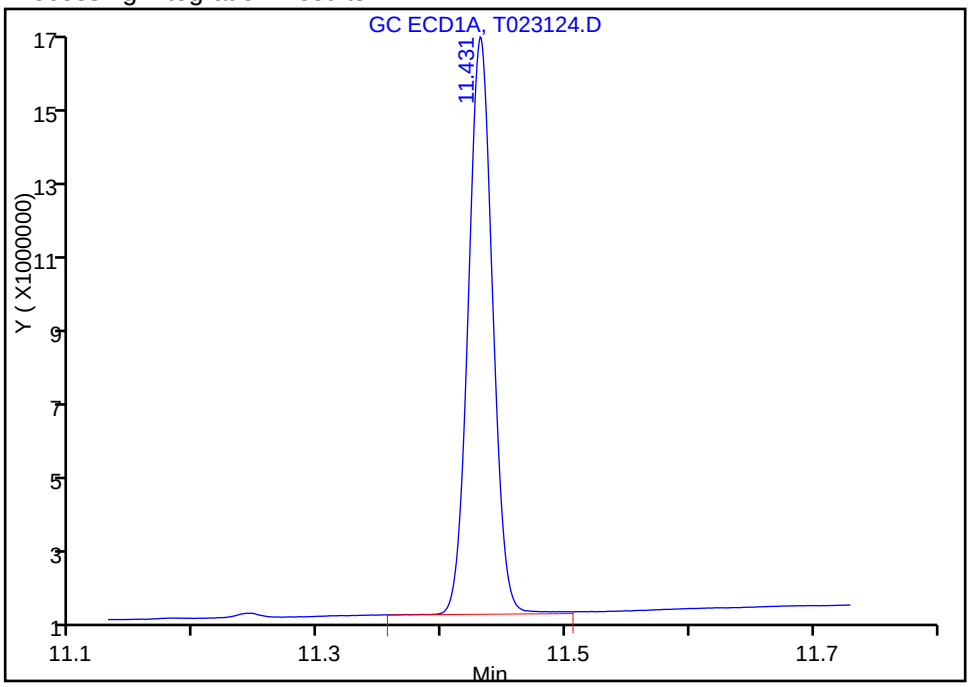
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC11\20130917-4713.b\T023124.D		
Injection Date:	17-Sep-2013 08:38:17	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC11
Lims Batch ID:	181717	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 5 DCB Decachlorobiphenyl, Signal: 1, Type: quant, RT: 11.44, Det: GC ECD1A

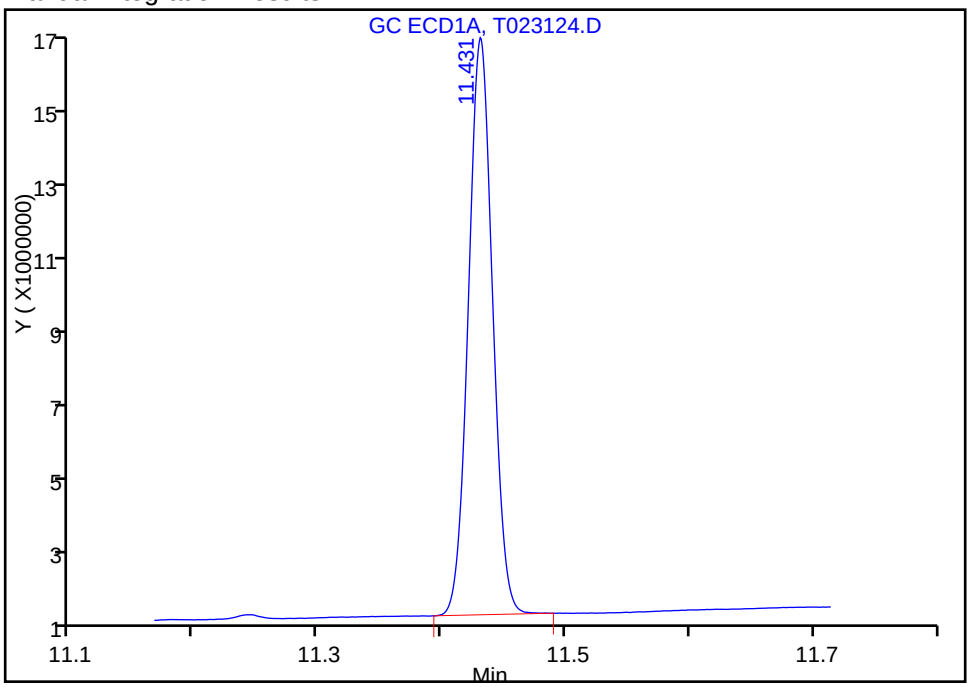
Processing Integration Results

RT: 11.43
Response: 19832172
Amount: 66.935891



Manual Integration Results

RT: 11.43
Response: 19609430
Amount: 66.184111



Reviewer: patelji, 17-Sep-2013 12:05:41
Audit Action: Manually Integrated
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181667/1-A

Matrix: Solid Lab File ID: T023124.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/17/2013 04:50

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 08:38

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181717 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	67	15
11104-28-2	Aroclor 1221	15	U	67	15
11141-16-5	Aroclor 1232	15	U	67	15
53469-21-9	Aroclor 1242	15	U	67	15
12672-29-6	Aroclor 1248	15	U	67	15
11097-69-1	Aroclor 1254	19	U	67	19
11096-82-5	Aroclor 1260	19	U	67	19
37324-23-5	Aroclor 1262	19	U	67	19
11100-14-4	Aroclor 1268	19	U	67	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	129		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC11\20130917-4713.b\T023124.D		
Lims ID:	MB 460-181667/1-A	Client ID:	
Inject. Date:	17-Sep-2013 08:38:17	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC11
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	181717	Lims Sample ID:	3
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC11\20130917-4713.b\8082GC11.m		
Last Update:	17-Sep-2013 12:52:09	Calib Date:	16-Sep-2013 15:56:03
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC11\20130916-4672.b\T023100.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK035		

First Level Reviewer: patelji Date: 17-Sep-2013 09:33:39

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.201	2.201	0.0	32815881	69.4	
2	1.621	1.609	0.012	201045669	66.2	
					RPD = 4.80	
$ 5 DCB Decachlorobiphenyl						M
1	11.431	11.444	-0.013	19609430	66.2	M
2	10.616	10.614	0.002	139357486	64.5	
					RPD = 2.62	

QC Flag Legend

Review Flags
M - Manually Integrated

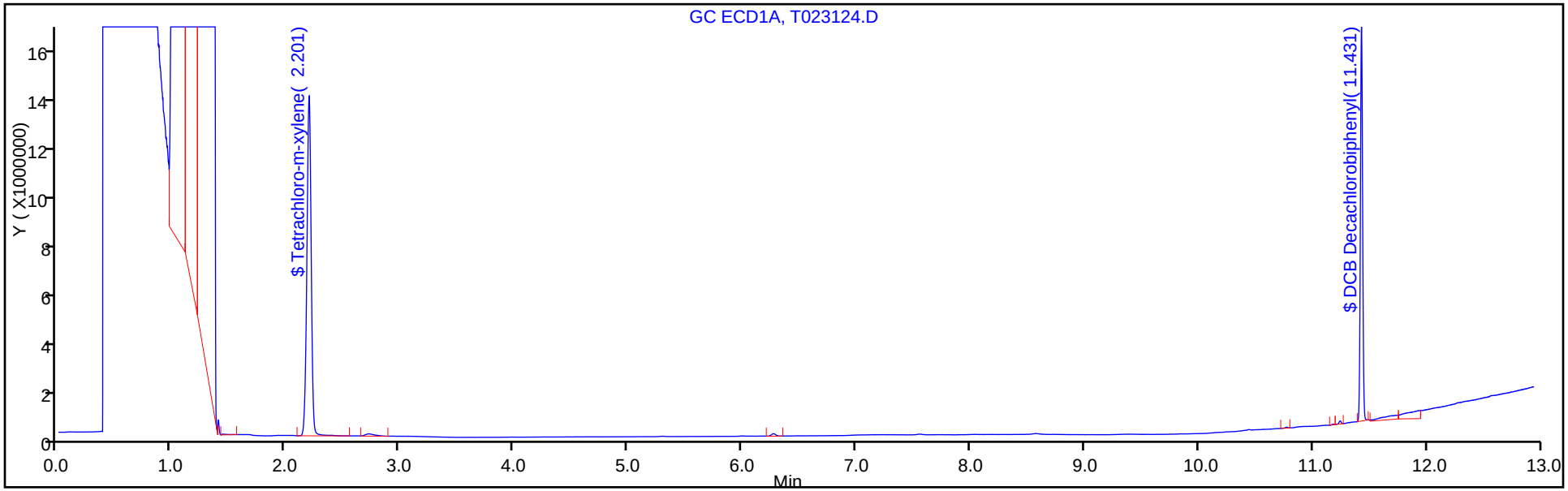
Report Date: 17-Sep-2013 12:52:12 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

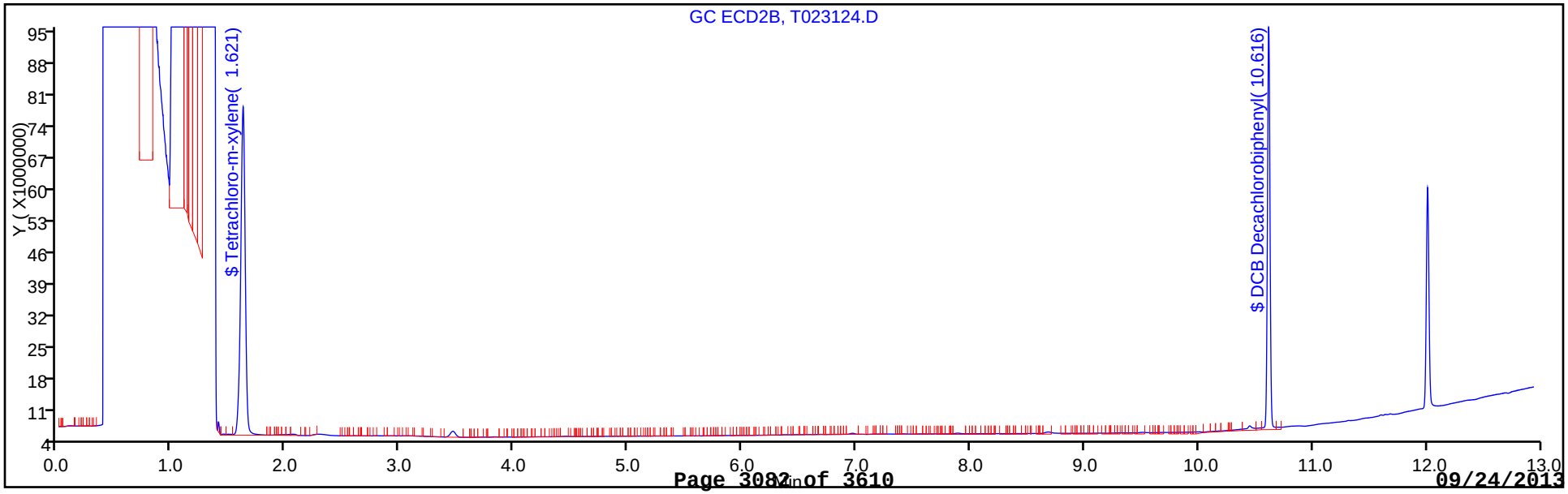
Data File: \\EDICHROM\ChromData\CPESTGC11\20130917-4713.b\T023124.D

Injection Date:	17-Sep-2013 08:38:17	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC11
Lims Batch ID:	181717	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181668/1-A

Matrix: Solid Lab File ID: OR208149.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 15:05

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208149.D		
Lims ID:	MB 460-181668/1-A	Client ID:	
Inject. Date:	17-Sep-2013 15:05:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0004712-023		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	23
Lims Batch ID:	181786	Lims Sample ID:	23
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 17-Sep-2013 15:22:09

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.557	2.558	-0.001	316178	45.9	
2	2.047	2.047	0.0	379859	43.6	
					RPD = 5.25	
$ 5 DCB Decachlorobiphenyl						
1	10.715	10.710	0.005	196741	50.5	
2	9.368	9.377	-0.009	342096	48.5	
					RPD = 3.94	

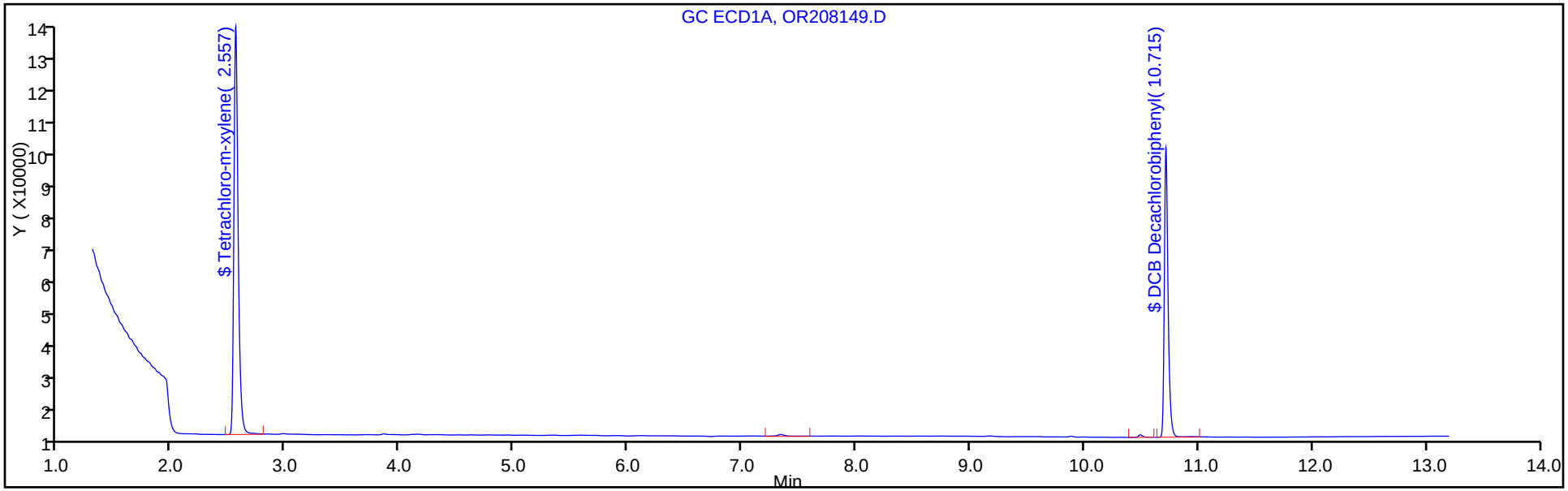
Report Date: 18-Sep-2013 11:43:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

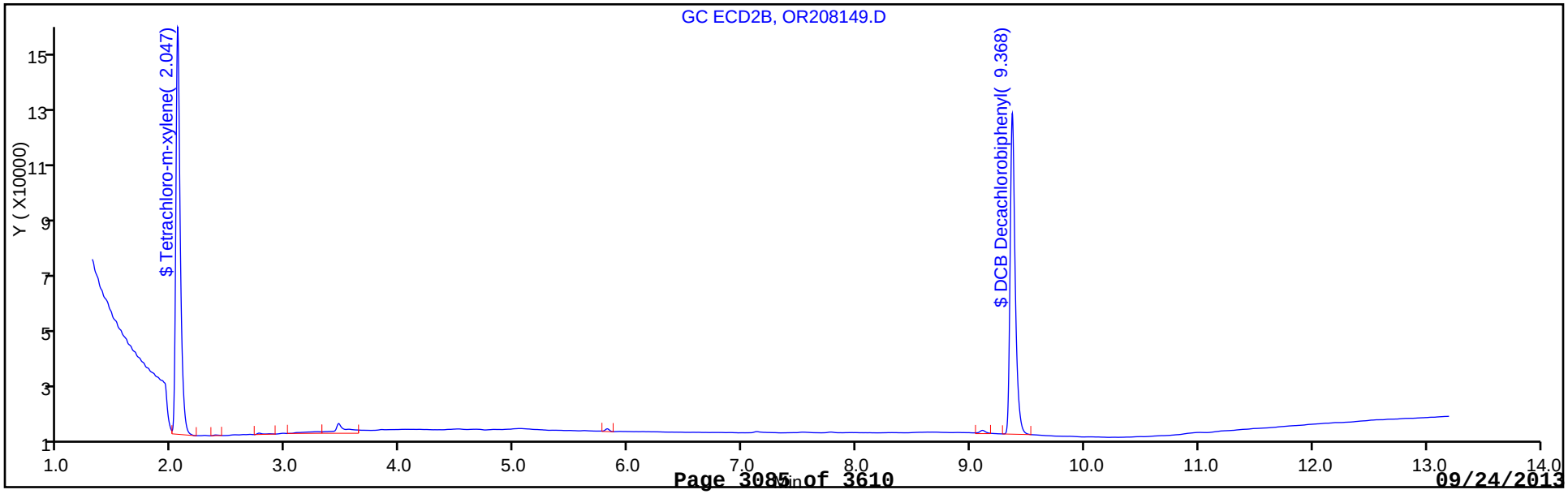
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208149.D

Injection Date:	17-Sep-2013 15:05:30	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181668/1-A

Matrix: Solid Lab File ID: OR208149.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 15:05

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	67	15
11104-28-2	Aroclor 1221	15	U	67	15
11141-16-5	Aroclor 1232	15	U	67	15
53469-21-9	Aroclor 1242	15	U	67	15
12672-29-6	Aroclor 1248	15	U	67	15
11097-69-1	Aroclor 1254	19	U	67	19
11096-82-5	Aroclor 1260	19	U	67	19
37324-23-5	Aroclor 1262	19	U	67	19
11100-14-4	Aroclor 1268	19	U	67	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208149.D		
Lims ID:	MB 460-181668/1-A	Client ID:	
Inject. Date:	17-Sep-2013 15:05:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0004712-023		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	23
Lims Batch ID:	181786	Lims Sample ID:	23
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 17-Sep-2013 15:22:09

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.557	2.558	-0.001	316178	45.9	
2	2.047	2.047	0.0	379859	43.6	
					RPD = 5.25	
$ 5 DCB Decachlorobiphenyl						
1	10.715	10.710	0.005	196741	50.5	
2	9.368	9.377	-0.009	342096	48.5	
					RPD = 3.94	

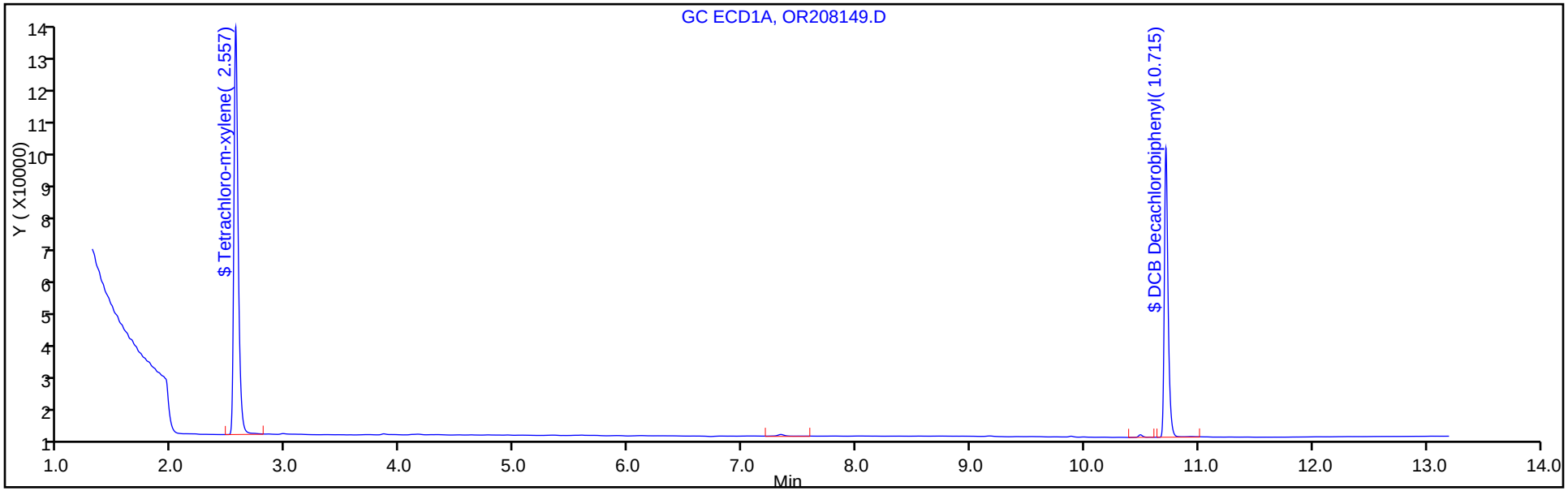
Report Date: 18-Sep-2013 11:43:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

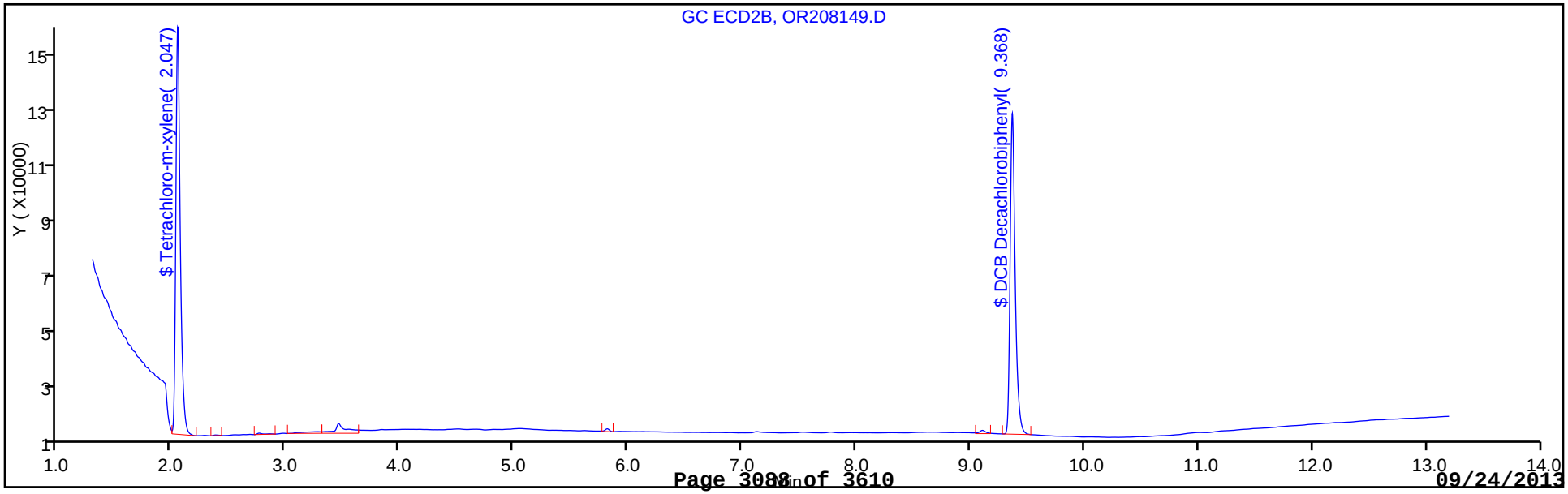
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208149.D

Injection Date:	17-Sep-2013 15:05:30	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181669/1-A

Matrix: Solid Lab File ID: OR208176.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 22:29

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208176.D
Lims ID: MB 460-181669/1-A Client ID:
Inject. Date: 17-Sep-2013 22:29:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 460-0004712-050
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 50
Lims Batch ID: 181811 Lims Sample ID: 50
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m
Last Update: 18-Sep-2013 11:45:40 Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.558	2.558	0.0	328997	47.8	
2	2.047	2.047	0.0	380220	43.6	
					RPD = 9.12	
$ 5 DCB Decachlorobiphenyl						
1	10.698	10.710	-0.012	197019	50.5	
2	9.368	9.377	-0.009	344867	48.9	
					RPD = 3.27	

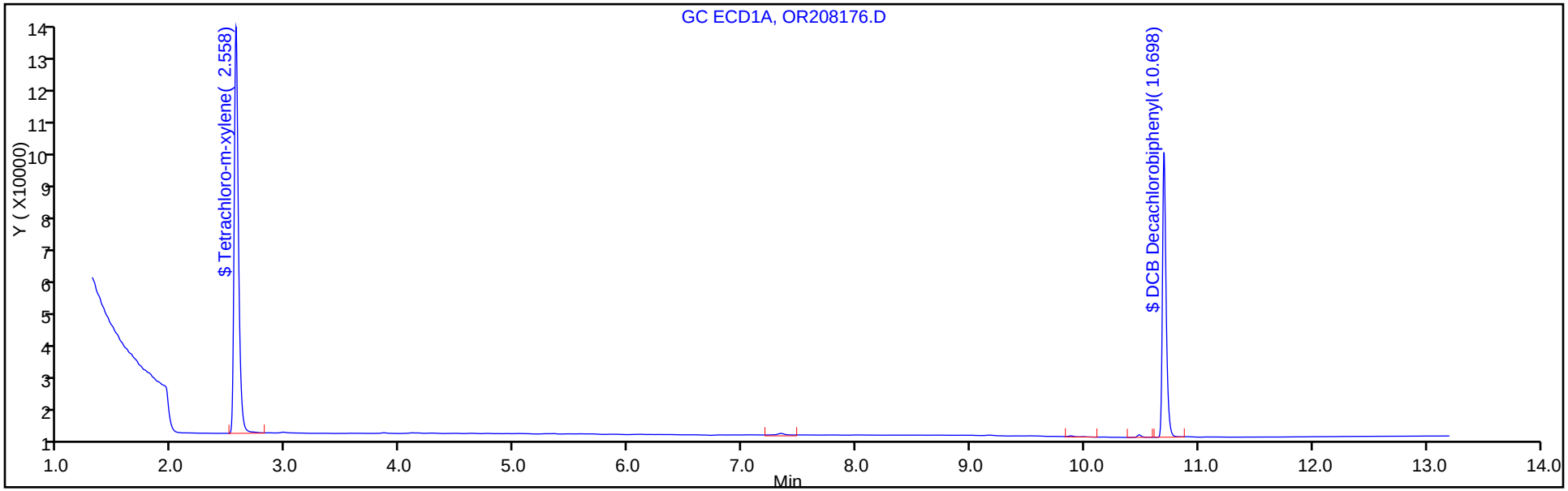
Report Date: 18-Sep-2013 11:45:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

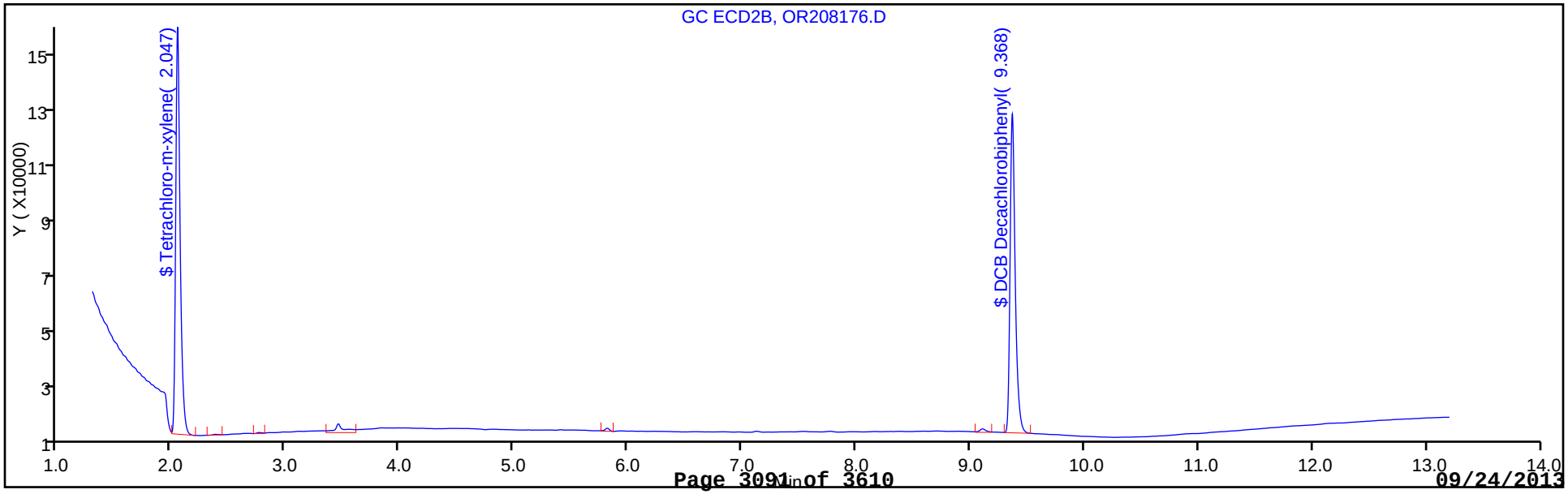
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208176.D

Injection Date:	17-Sep-2013 22:29:30	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181669/1-A

Matrix: Solid Lab File ID: OR208176.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 22:29

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	15	U	67	15
11104-28-2	Aroclor 1221	15	U	67	15
11141-16-5	Aroclor 1232	15	U	67	15
53469-21-9	Aroclor 1242	15	U	67	15
12672-29-6	Aroclor 1248	15	U	67	15
11097-69-1	Aroclor 1254	19	U	67	19
11096-82-5	Aroclor 1260	19	U	67	19
37324-23-5	Aroclor 1262	19	U	67	19
11100-14-4	Aroclor 1268	19	U	67	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208176.D		
Lims ID:	MB 460-181669/1-A	Client ID:	
Inject. Date:	17-Sep-2013 22:29:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0004712-050		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	50
Lims Batch ID:	181811	Lims Sample ID:	50
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:45:40	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.558	2.558	0.0	328997	47.8	
2	2.047	2.047	0.0	380220	43.6	
					RPD = 9.12	
$ 5 DCB Decachlorobiphenyl						
1	10.698	10.710	-0.012	197019	50.5	
2	9.368	9.377	-0.009	344867	48.9	
					RPD = 3.27	

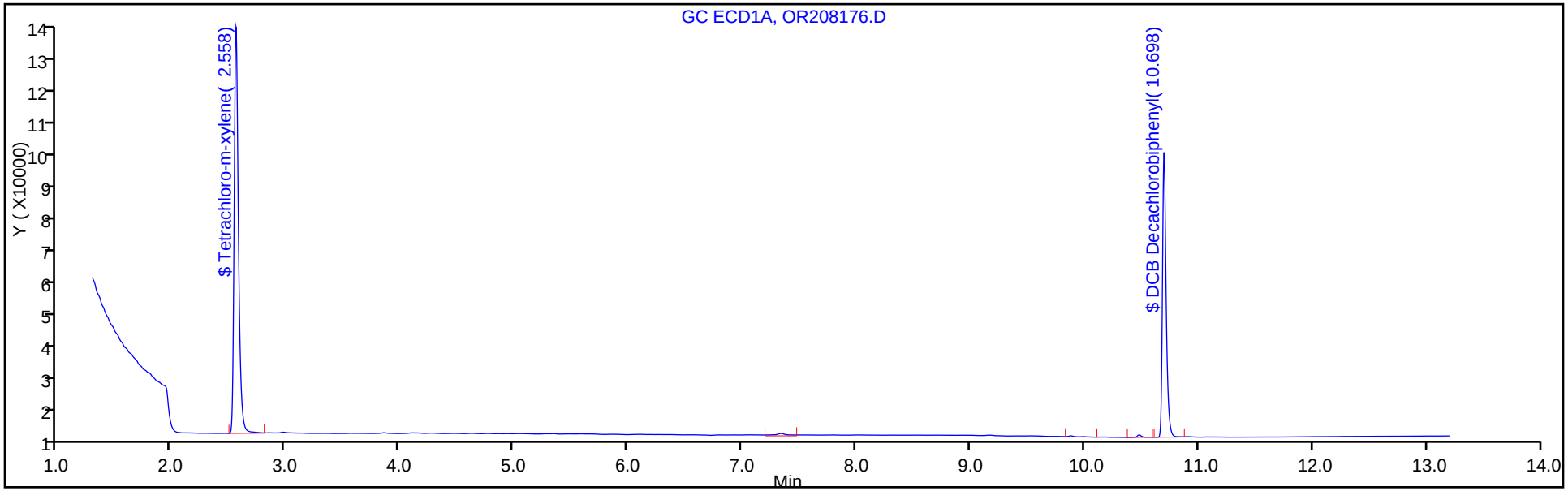
Report Date: 18-Sep-2013 11:45:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

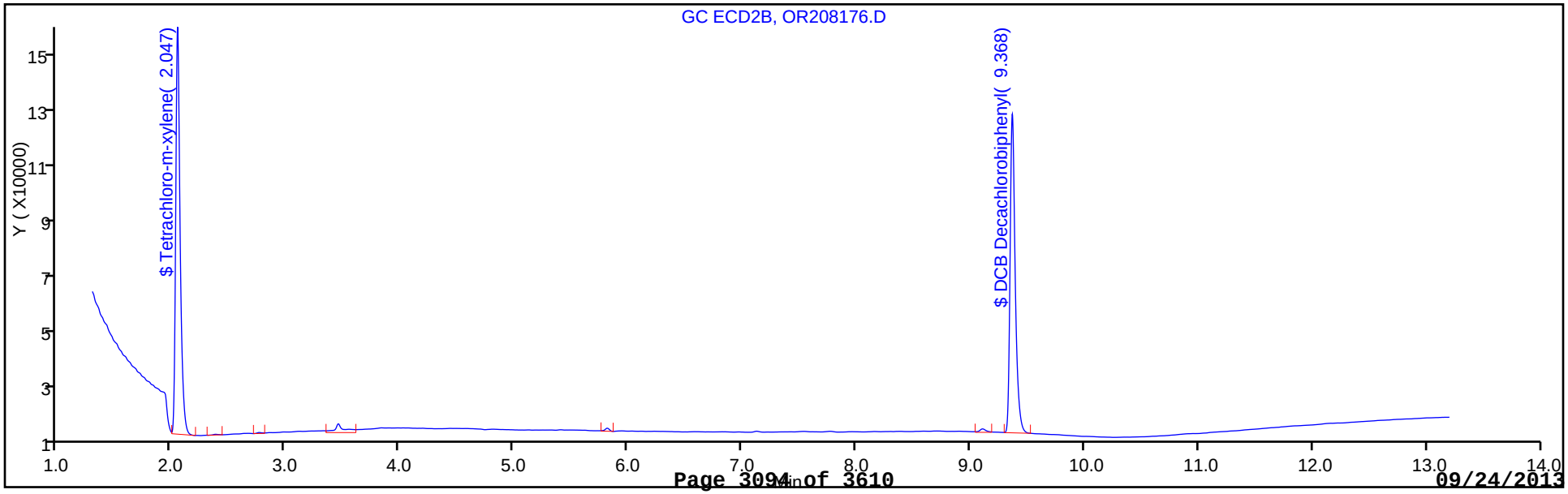
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208176.D

Injection Date:	17-Sep-2013 22:29:30	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181488/2-A

Matrix: Water Lab File ID: QR097392.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 09/16/2013 08:47

Sample wt/vol: 125(mL) Date Analyzed: 09/18/2013 02:24

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*9.16*		*0.40*	*0.27*
11096-82-5	*Aroclor 1260*	*8.54*		*0.40*	*0.21*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		37-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097392.D
Lims ID: LCS 460-181488/2-A
Client ID:
Inject. Date: 18-Sep-2013 02:24:37
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 460-0004724-049
Misc. Info.:
Operator:
Instrument ID: CPESTGC8
Injection Vol: 1.0 ul
ALS Bottle#: 49
Lims Batch ID: 181958
Lims Sample ID: 49
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\GC8_8082LVI.m
Last Update: 18-Sep-2013 11:35:21
Calib Date: 26-Aug-2013 16:57:49
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC8\20130826-3994.b\QR096838.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji
Date: 18-Sep-2013 10:04:44

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.099	2.111	-0.012	79765081	115.8	
2	1.509	1.521	-0.012	144792924	135.6	
					RPD = 15.74	
1 PCB-1016						M
1	2.800	2.811	-0.011	14687630	1078.7	
1	3.431	3.446	-0.015	30565603	1209.5	
1	4.271	4.284	-0.013	58244550	1120.4	
1	5.342	5.357	-0.015	19886164	1206.1	M
1	5.552	5.567	-0.015	20727217	1110.7	
		Average of Peak Amounts =			1145.1	
2	1.925	1.940	-0.015	26352582	1021.8	M
2	2.356	2.369	-0.013	52316752	1288.7	
2	2.942	2.955	-0.013	108135340	1244.9	M
2	3.124	3.136	-0.012	44557389	1305.4	M
2	3.795	3.811	-0.016	44491569	1310.8	
		Average of Peak Amounts =			1234.3	
					RPD = 7.50	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	7.515	7.532	-0.017	46270828	1225.9	
1	7.946	7.966	-0.020	60493150	1133.1	
1	9.007	9.032	-0.025	48530142	1042.6	
1	10.121	10.133	-0.012	86456324	1029.1	
1	11.012	11.034	-0.022	17697602	907.7	
		Average of Peak Amounts =			1067.7	
2	5.817	5.831	-0.014	63396909	1292.4	M
2	7.302	7.316	-0.014	56012757	1152.9	M
2	7.902	7.916	-0.014	150567653	1158.3	
2	8.509	8.522	-0.013	67139600	1257.2	
2	9.912	9.920	-0.008	39697214	1077.0	M
		Average of Peak Amounts =			1187.6	
					RPD = 10.63	
$ 5 DCB Decachlorobiphenyl						M
1	11.464	11.503	-0.039	41832150	85.0	
2	10.473	10.483	-0.010	78472061	94.4	M
					RPD = 10.41	

QC Flag Legend

Review Flags
M - Manually Integrated

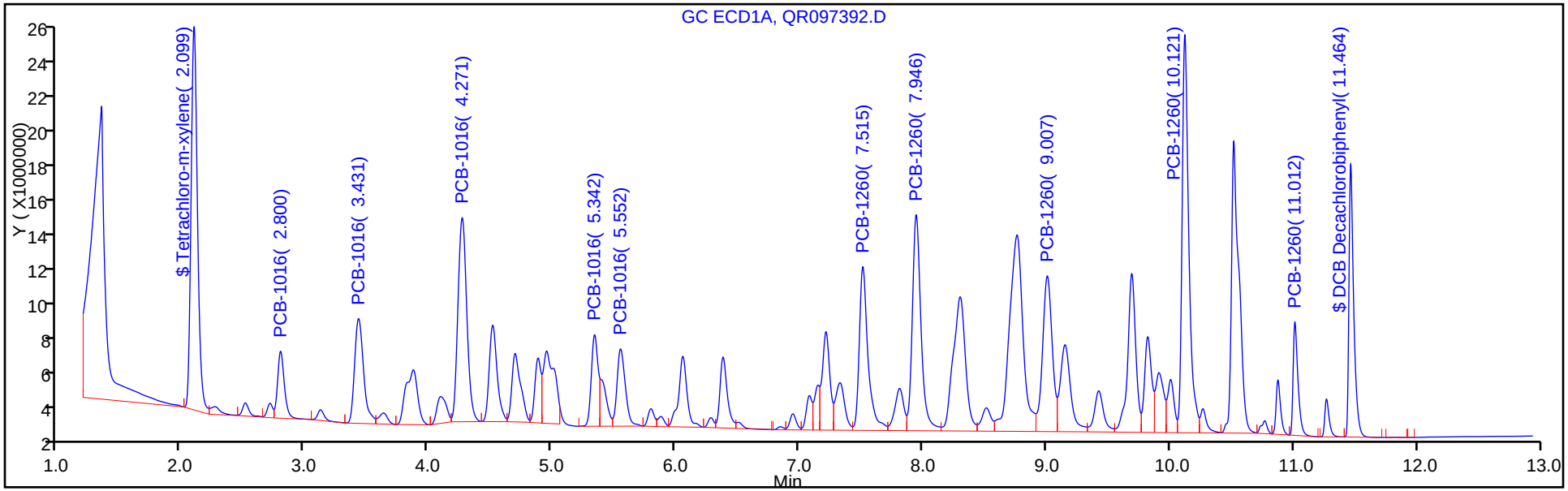
Report Date: 18-Sep-2013 11:35:26 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

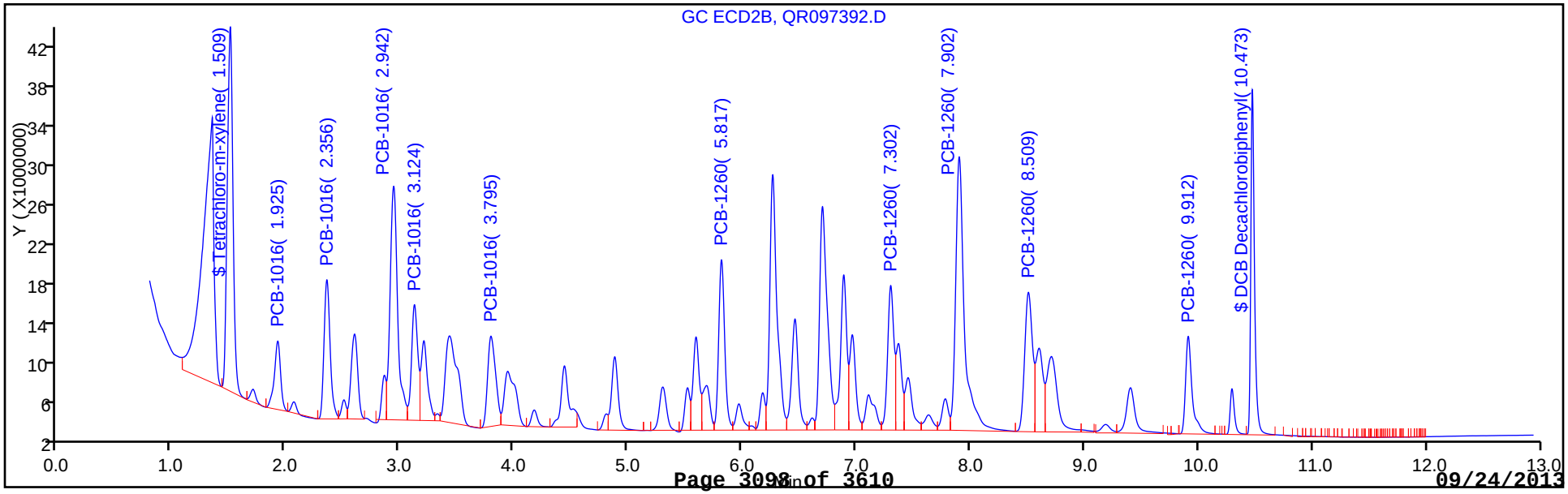
Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097392.D

Injection Date:	18-Sep-2013 02:24:37	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



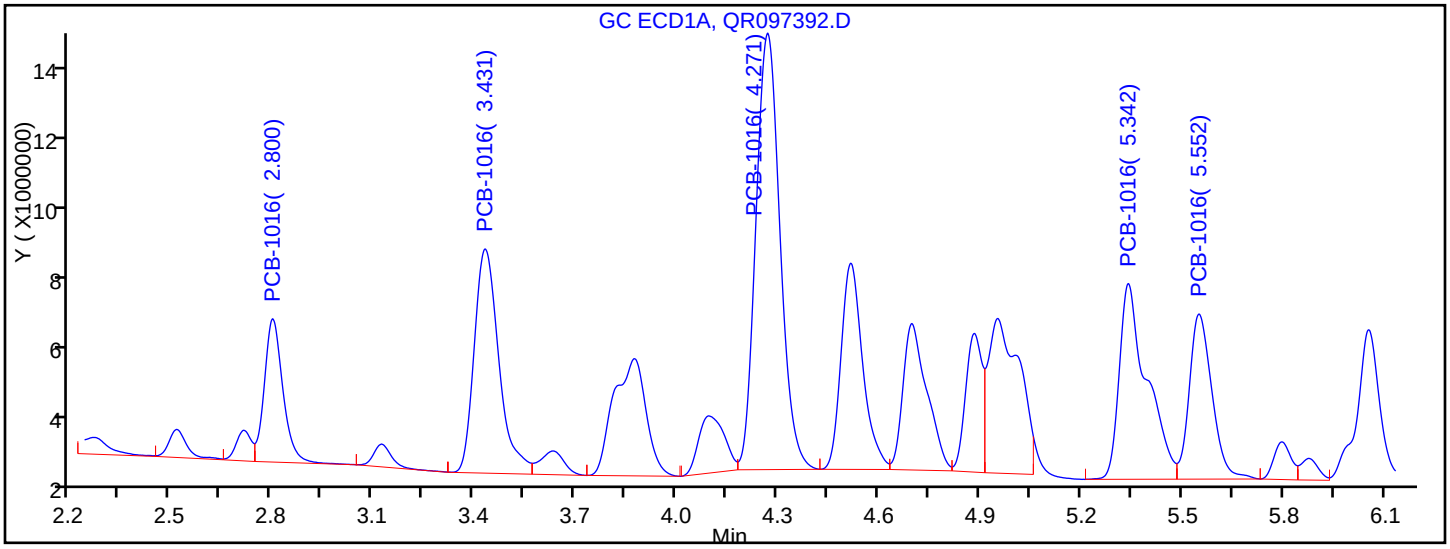
Report Date: 18-Sep-2013 11:35:26 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097392.D

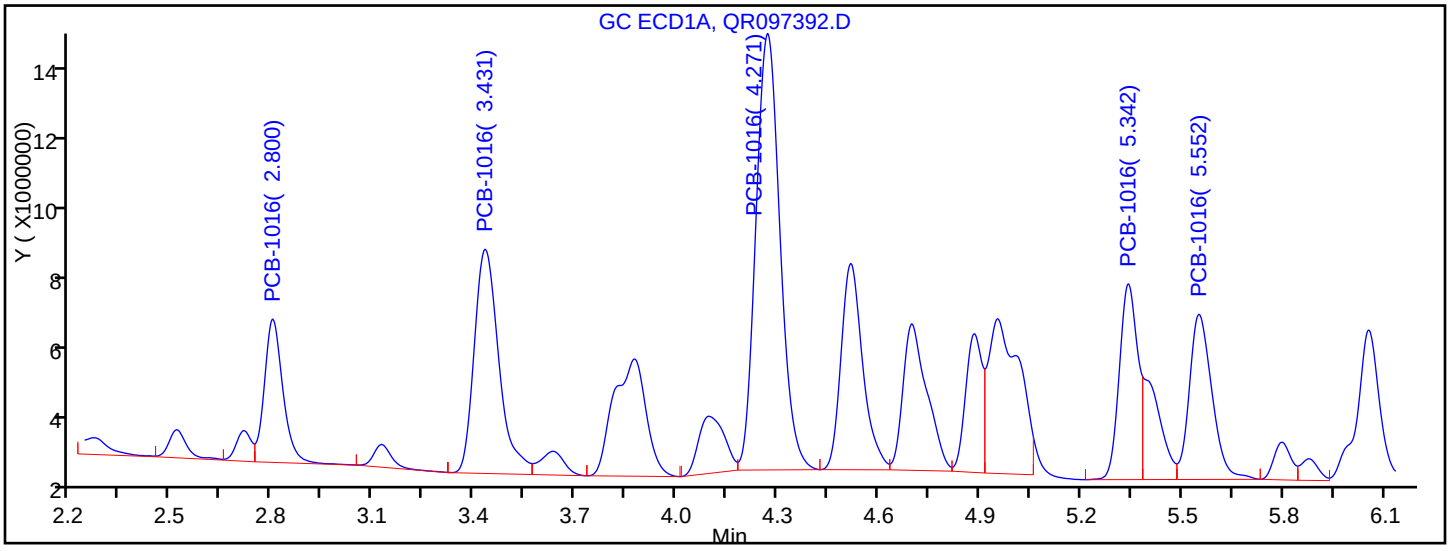
Injection Date:	18-Sep-2013 02:24:37	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

1 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 2.800	Response = 14687630	
RT = 3.431	Response = 30565603	
RT = 4.271	Response = 58244550	
RT = 5.342	Response = 29779966	M
RT = 5.552	Response = 20727217	



Manual Integration Results

RT = 2.800	Response = 14687630	
RT = 3.431	Response = 30565603	
RT = 4.271	Response = 58244550	
RT = 5.342	Response = 19886164	M
RT = 5.552	Response = 20727217	

Reviewer: patelji, 18-Sep-2013 10:04:44

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181488/2-A

Matrix: Water Lab File ID: QR097392.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 09/16/2013 08:47

Sample wt/vol: 125(mL) Date Analyzed: 09/18/2013 02:24

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.87		0.40	0.27
11096-82-5	Aroclor 1260	9.50		0.40	0.21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		37-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097392.D
Lims ID: LCS 460-181488/2-A
Client ID:
Inject. Date: 18-Sep-2013 02:24:37
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 460-0004724-049
Misc. Info.:
Operator:
Instrument ID: CPESTGC8
Injection Vol: 1.0 ul
ALS Bottle#: 49
Lims Batch ID: 181958
Lims Sample ID: 49
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\GC8_8082LVI.m
Last Update: 18-Sep-2013 11:35:21
Calib Date: 26-Aug-2013 16:57:49
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC8\20130826-3994.b\QR096838.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji
Date: 18-Sep-2013 10:04:44

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.099	2.111	-0.012	79765081	115.8	
2	1.509	1.521	-0.012	144792924	135.6	
					RPD = 15.74	
1 PCB-1016						M
1	2.800	2.811	-0.011	14687630	1078.7	
1	3.431	3.446	-0.015	30565603	1209.5	
1	4.271	4.284	-0.013	58244550	1120.4	
1	5.342	5.357	-0.015	19886164	1206.1	M
1	5.552	5.567	-0.015	20727217	1110.7	
		Average of Peak Amounts =			1145.1	
2	1.925	1.940	-0.015	26352582	1021.8	M
2	2.356	2.369	-0.013	52316752	1288.7	
2	2.942	2.955	-0.013	108135340	1244.9	M
2	3.124	3.136	-0.012	44557389	1305.4	M
2	3.795	3.811	-0.016	44491569	1310.8	
		Average of Peak Amounts =			1234.3	
					RPD = 7.50	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	7.515	7.532	-0.017	46270828	1225.9	
1	7.946	7.966	-0.020	60493150	1133.1	
1	9.007	9.032	-0.025	48530142	1042.6	
1	10.121	10.133	-0.012	86456324	1029.1	
1	11.012	11.034	-0.022	17697602	907.7	
		Average of Peak Amounts =			1067.7	
2	5.817	5.831	-0.014	63396909	1292.4	M
2	7.302	7.316	-0.014	56012757	1152.9	M
2	7.902	7.916	-0.014	150567653	1158.3	
2	8.509	8.522	-0.013	67139600	1257.2	
2	9.912	9.920	-0.008	39697214	1077.0	M
		Average of Peak Amounts =			1187.6	
					RPD = 10.63	
$ 5 DCB Decachlorobiphenyl						M
1	11.464	11.503	-0.039	41832150	85.0	
2	10.473	10.483	-0.010	78472061	94.4	M
					RPD = 10.41	

QC Flag Legend

Review Flags
M - Manually Integrated

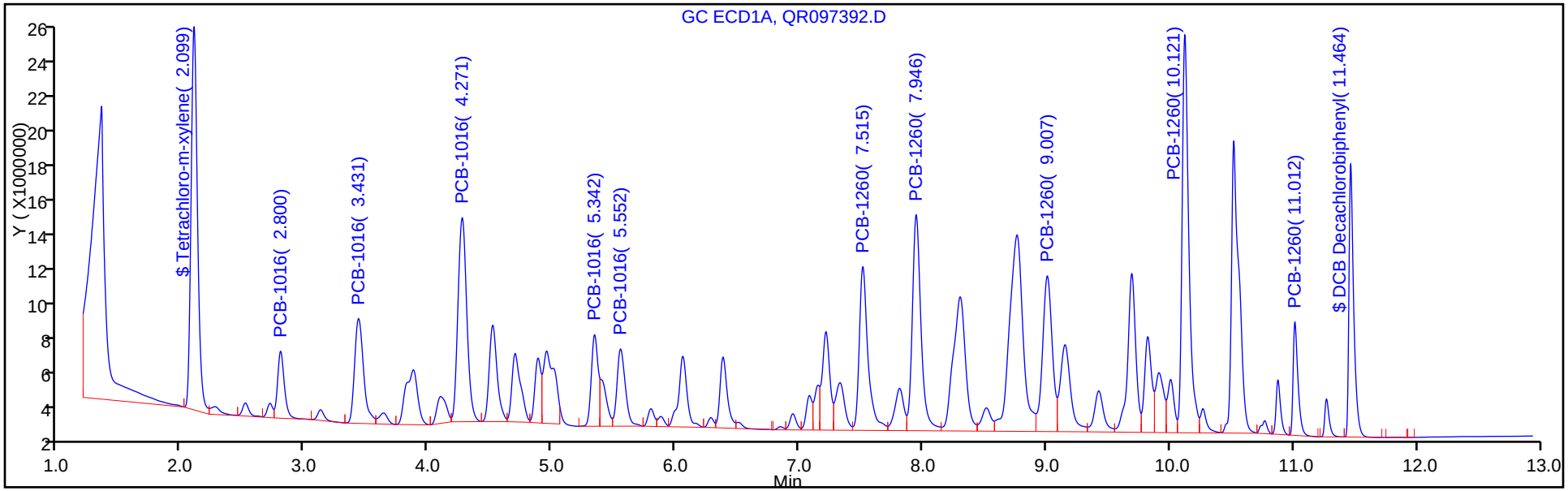
Report Date: 18-Sep-2013 11:35:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

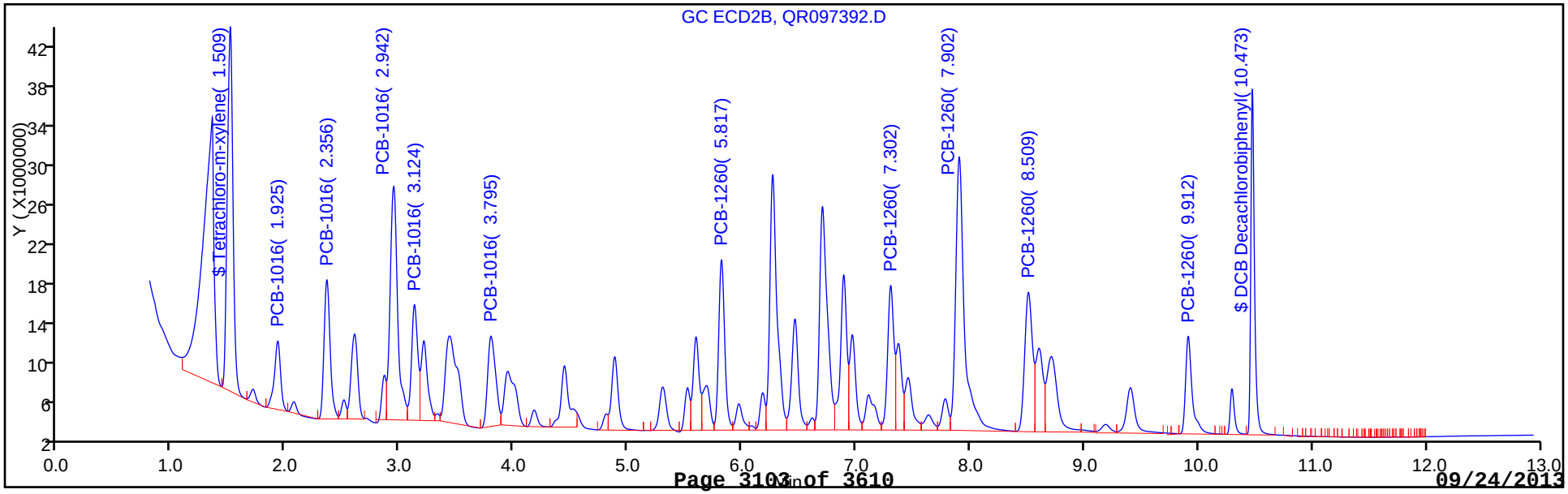
Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097392.D

Injection Date:	18-Sep-2013 02:24:37	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



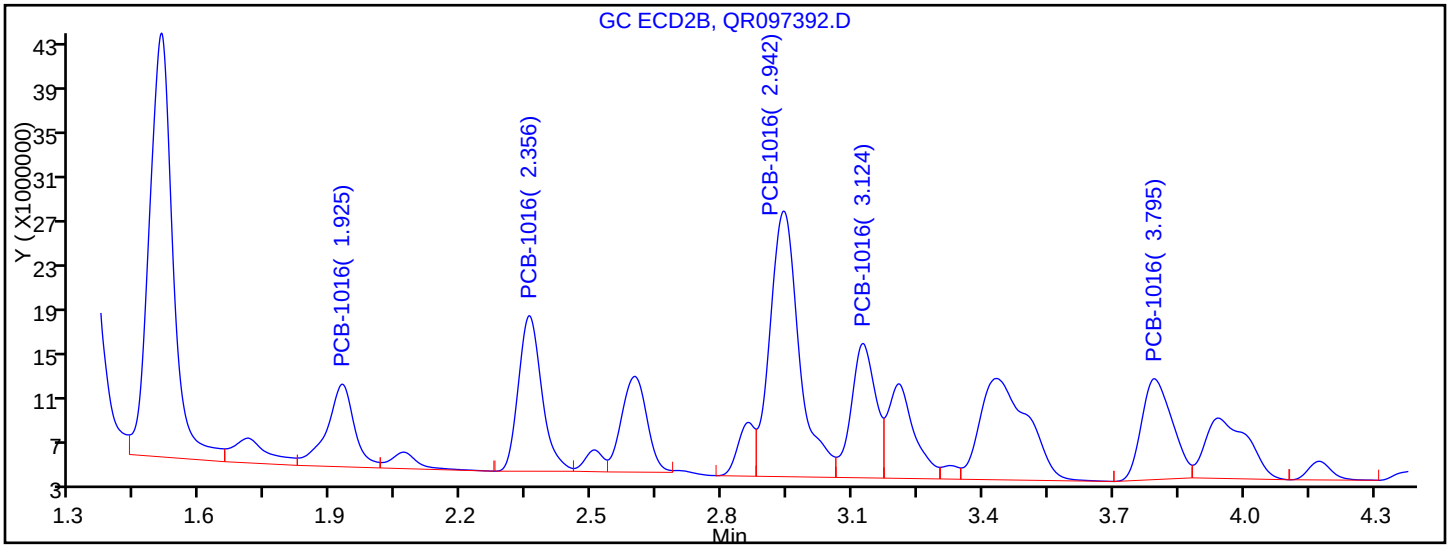
Report Date: 18-Sep-2013 11:35:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097392.D

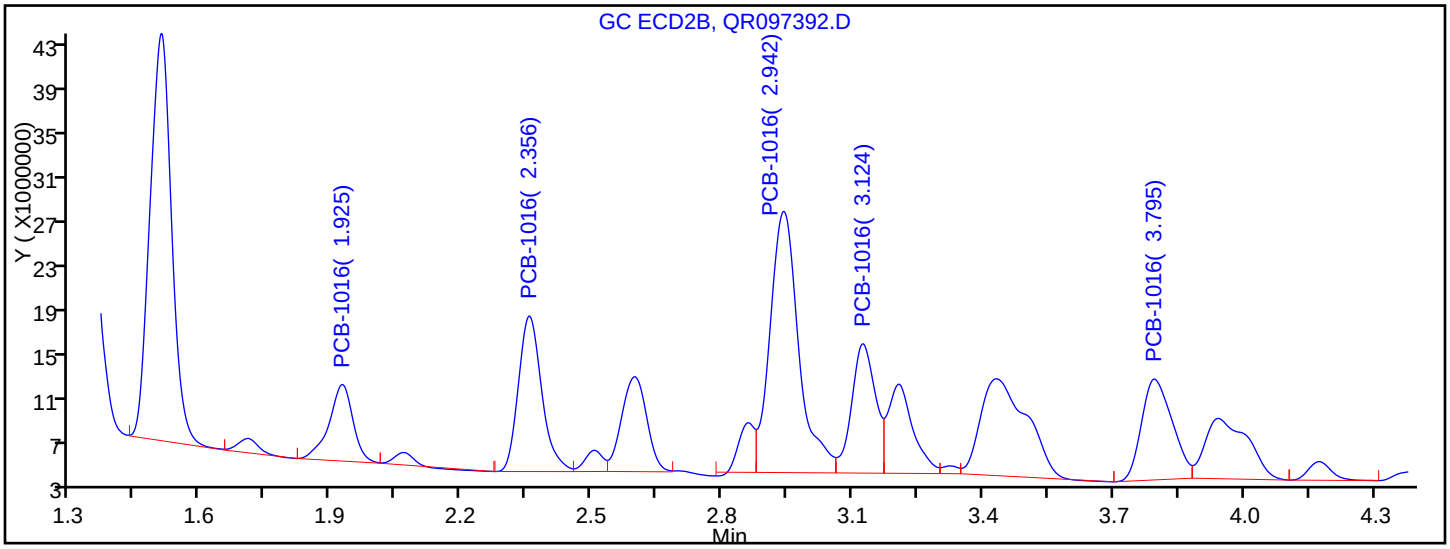
Injection Date:	18-Sep-2013 02:24:37	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

1 PCB-1016, Detector: 2, GC ECD2B



Processing Integration Results

RT = 1.925	Response = 32650236	M
RT = 2.356	Response = 52316752	
RT = 2.942	Response = 112579840	M
RT = 3.124	Response = 47556536	M
RT = 3.795	Response = 44491569	



Manual Integration Results

RT = 1.925	Response = 26352582	M
RT = 2.356	Response = 52316752	
RT = 2.942	Response = 108135340	M
RT = 3.124	Response = 44557389	M
RT = 3.795	Response = 44491569	

Reviewer: patelji, 18-Sep-2013 10:04:44

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

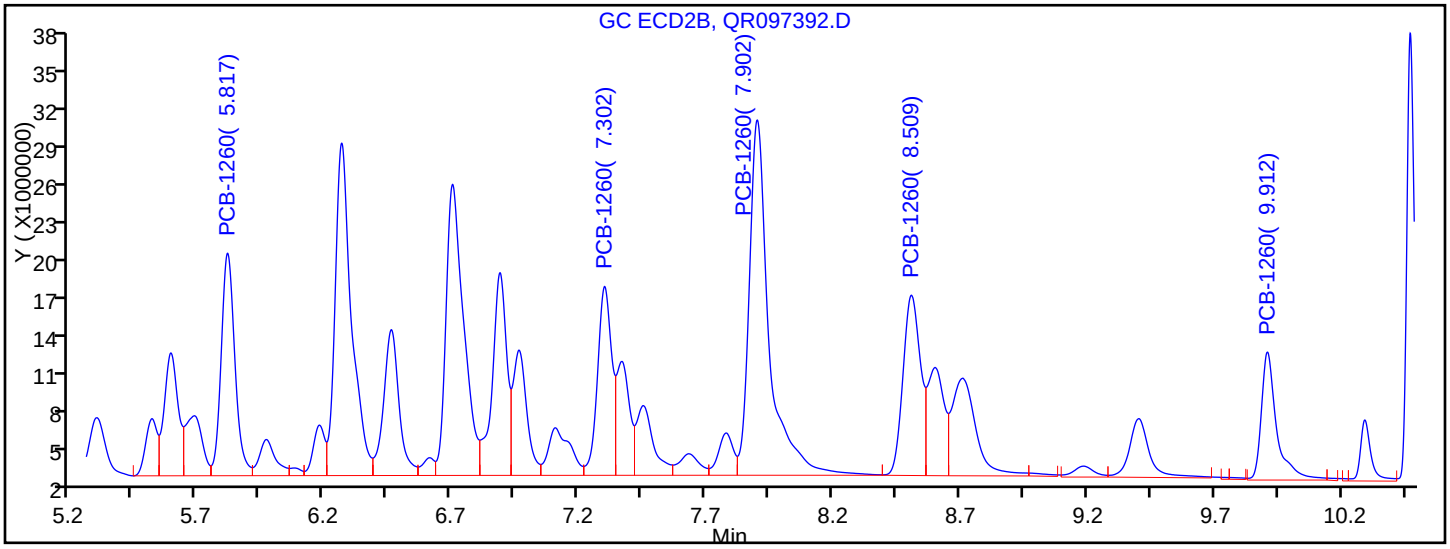
Report Date: 18-Sep-2013 11:35:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097392.D

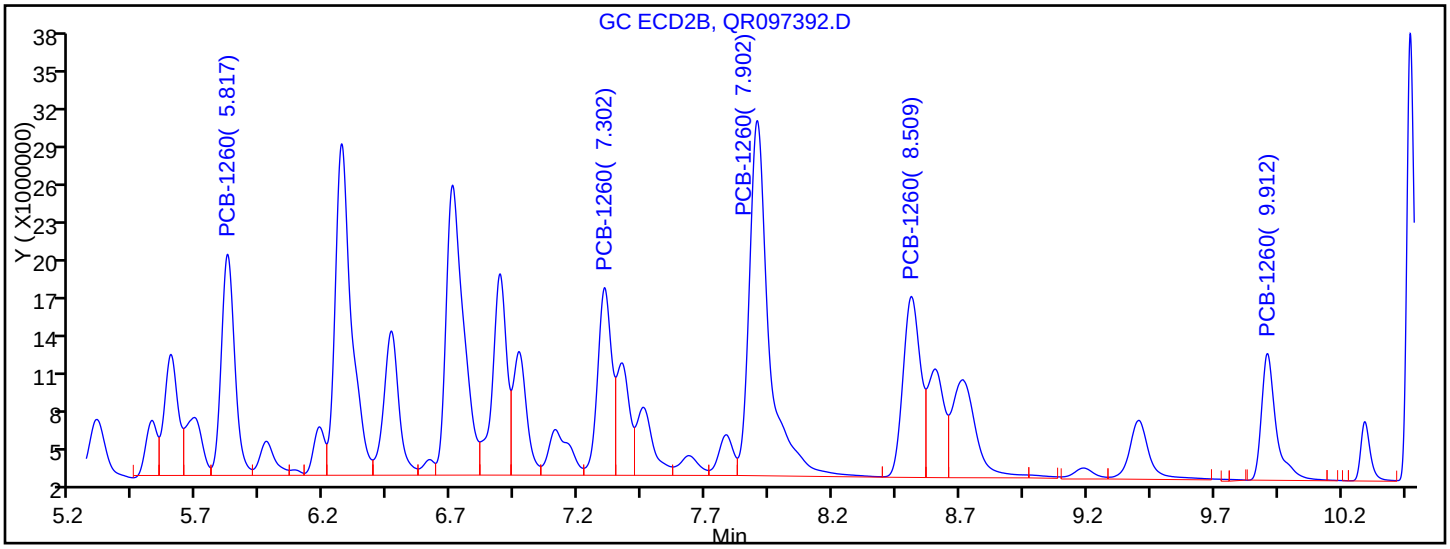
Injection Date:	18-Sep-2013 02:24:37	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 PCB-1260, Detector: 2, GC ECD2B



Processing Integration Results

RT = 5.817	Response = 65111605	M
RT = 7.302	Response = 57172705	M
RT = 7.902	Response = 150567653	
RT = 8.509	Response = 67139600	
RT = 9.912	Response = 41999016	M



Manual Integration Results

RT = 5.817	Response = 63396909	M
RT = 7.302	Response = 56012757	M
RT = 7.902	Response = 150567653	
RT = 8.509	Response = 67139600	
RT = 9.912	Response = 39697214	M

Reviewer: patelji, 18-Sep-2013 10:04:44

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

Manual Integration/User Assign Peak Report

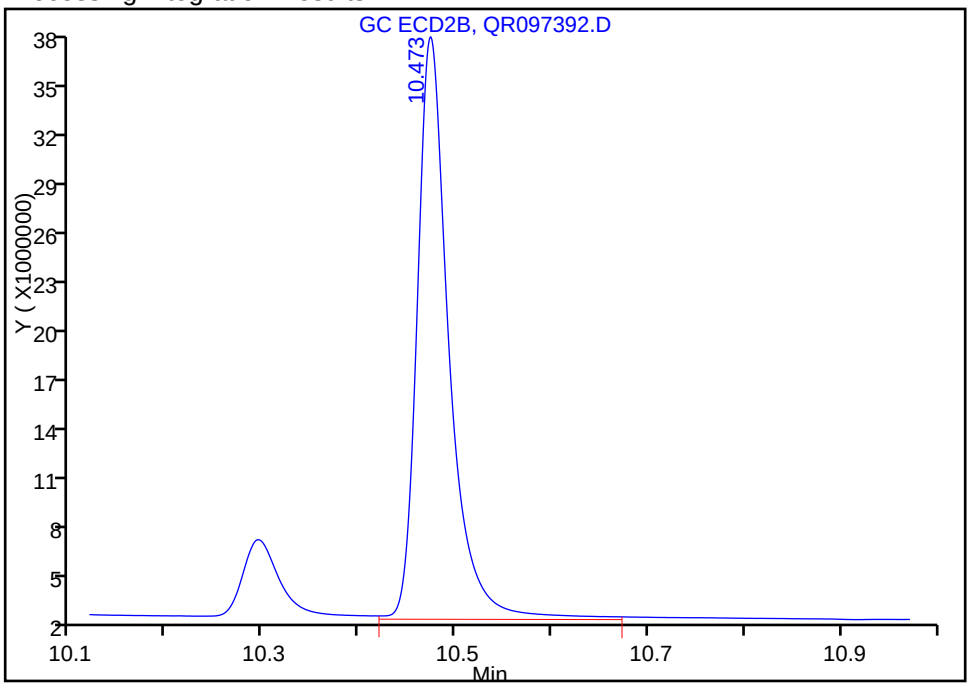
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097392.D		
Injection Date:	18-Sep-2013 02:24:37	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 5 DCB Decachlorobiphenyl, Signal: 2, Type: quant, RT: 10.48, Det: GC ECD2B

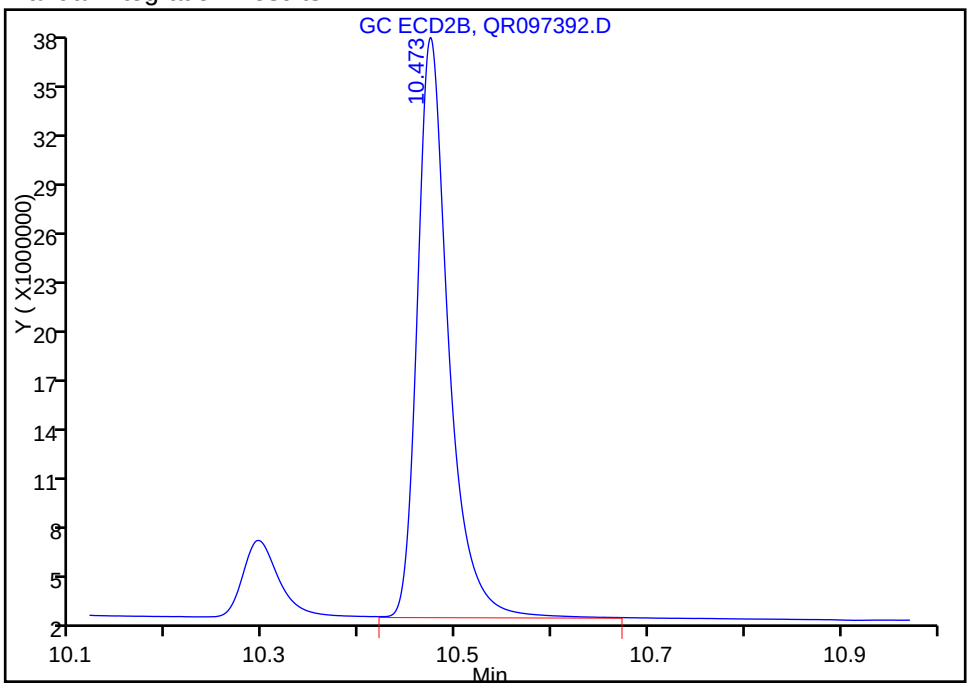
Processing Integration Results

RT: 10.47
Response: 80473361
Amount: 96.789230



Manual Integration Results

RT: 10.47
Response: 78472061
Amount: 94.382169



Reviewer: patelji, 18-Sep-2013 10:04:44
Audit Action: Assigned New Baseline
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181667/2-A

Matrix: Solid Lab File ID: T023125.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/17/2013 04:50

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 08:57

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181717 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	391		67	15
11096-82-5	Aroclor 1260	390		67	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20130917-4713.b\T023125.D
Lims ID: LCS 460-181667/2-A
Client ID:
Inject. Date: 17-Sep-2013 08:57:15
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID:
Misc. Info.:
Operator:
Instrument ID: CPESTGC11
Injection Vol: 1.0 ul
ALS Bottle#: 4
Lims Batch ID: 181717
Lims Sample ID: 4
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC11\20130917-4713.b\8082GC11.m
Last Update: 17-Sep-2013 12:52:09
Calib Date: 16-Sep-2013 15:56:03
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20130916-4672.b\T023100.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK035

First Level Reviewer: patelji
Date: 17-Sep-2013 12:05:30

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.202	2.201	0.001	28983116	61.3	
2	1.617	1.609	0.008	183628721	60.4	
					RPD = 1.44	
1 PCB-1016						M
1	2.902	2.901	0.001	4694639	572.1	
1	3.557	3.558	-0.001	10530997	638.7	
1	4.375	4.379	-0.004	20602452	590.0	
1	5.432	5.437	-0.005	6302758	597.7	
1	5.638	5.643	-0.005	6496321	532.0	
		Average of Peak Amounts =			586.1	
2	2.047	2.039	0.008	34375442	493.0	
2	2.491	2.482	0.009	62525222	584.2	
2	3.091	3.083	0.008	131869069	581.2	
2	3.288	3.280	0.008	52271600	590.9	
2	3.997	3.989	0.008	52034505	579.8	M
		Average of Peak Amounts =			565.8	
					RPD = 3.52	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 PCB-1260						
1	7.596	7.599	-0.003	12495849	589.8	
1	8.033	8.037	-0.004	14571738	570.3	
1	9.767	9.773	-0.006	12515026	627.1	
1	10.162	10.168	-0.006	22916611	573.3	
1	10.998	11.006	-0.008	6171981	562.9	
		Average of Peak Amounts =			584.7	
2	6.032	6.026	0.006	71630169	560.5	
2	7.560	7.554	0.006	72224460	563.4	
2	8.195	8.188	0.007	159514966	573.6	
2	8.834	8.829	0.005	83752147	549.8	
2	10.130	10.125	0.005	40584799	558.0	
		Average of Peak Amounts =			561.1	
					RPD = 4.12	
$ 5 DCB Decachlorobiphenyl						M
1	11.431	11.444	-0.013	17850573	60.2	M
2	10.616	10.614	0.002	123863429	57.3	M
					RPD = 5.01	

QC Flag Legend

Review Flags
M - Manually Integrated

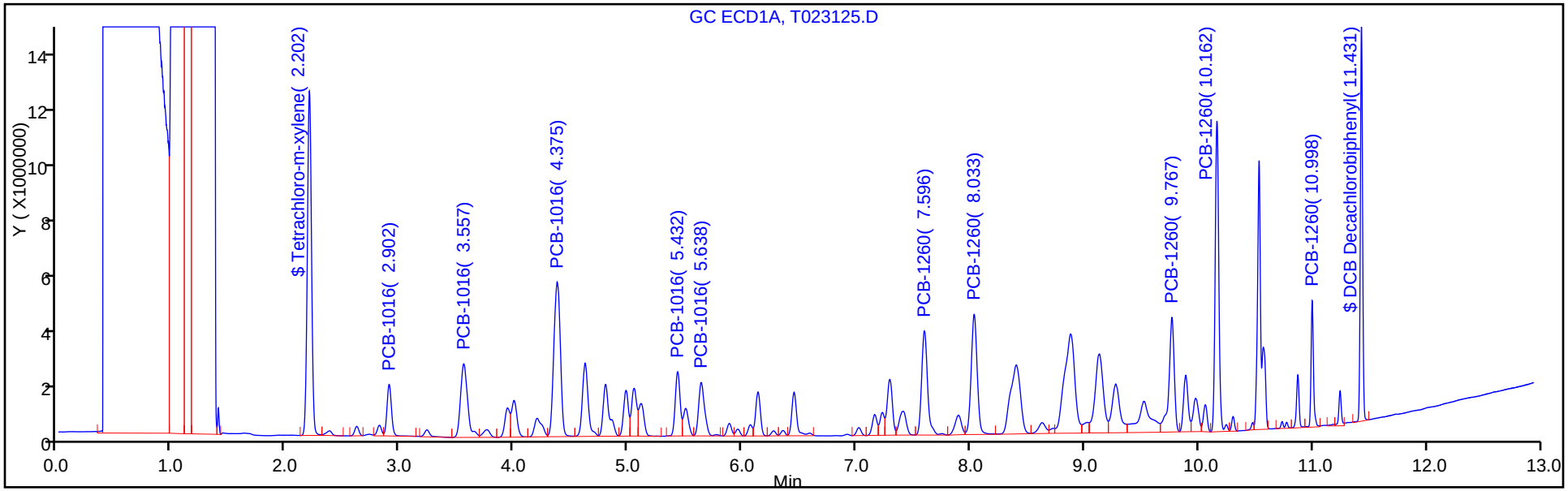
Report Date: 17-Sep-2013 12:52:14 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

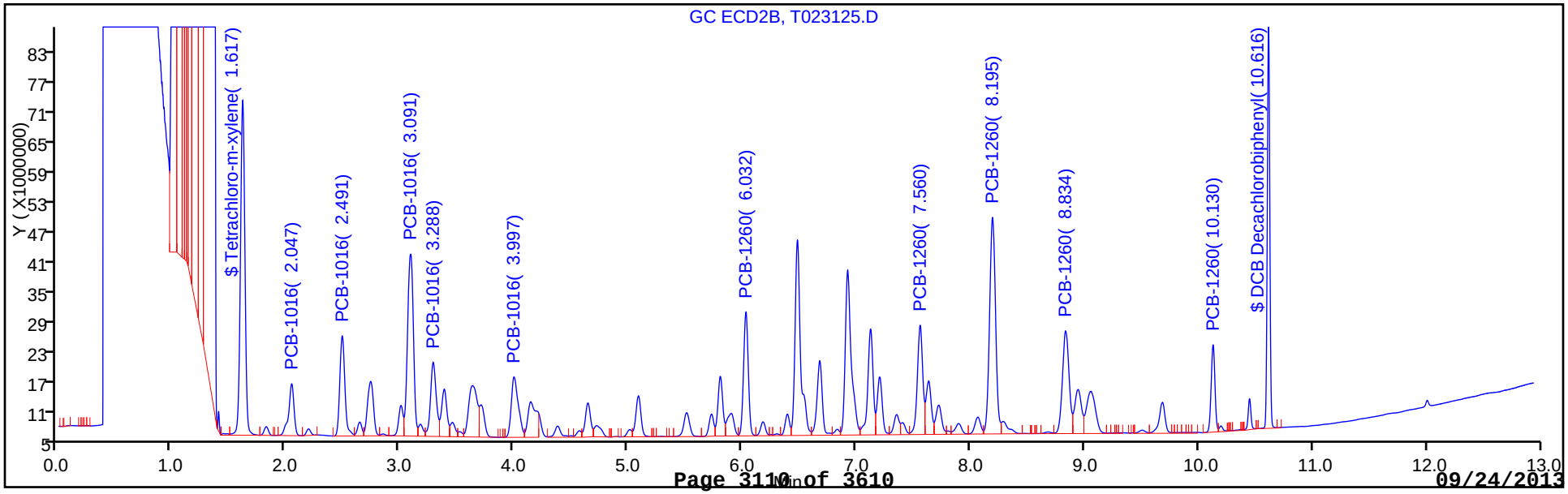
Data File: \\EDICHROM\ChromData\CPESTGC11\20130917-4713.b\T023125.D

Injection Date:	17-Sep-2013 08:57:15	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC11
Lims Batch ID:	181717	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

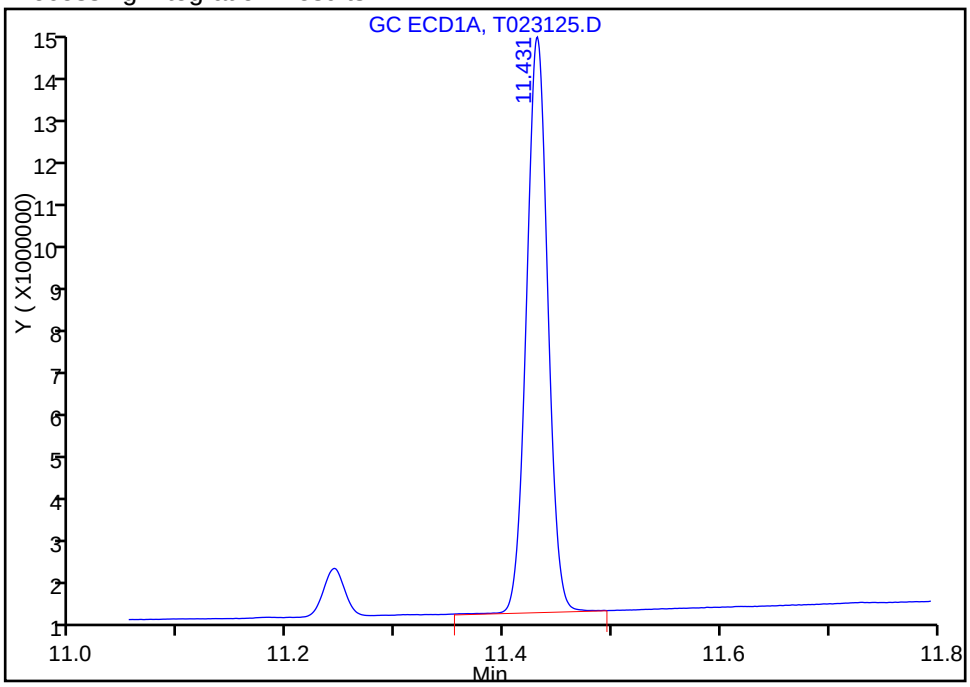
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC11\20130917-4713.b\T023125.D		
Injection Date:	17-Sep-2013 08:57:15	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC11
Lims Batch ID:	181717	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 5 DCB Decachlorobiphenyl, Signal: 1, Type: quant, RT: 11.44, Det: GC ECD1A

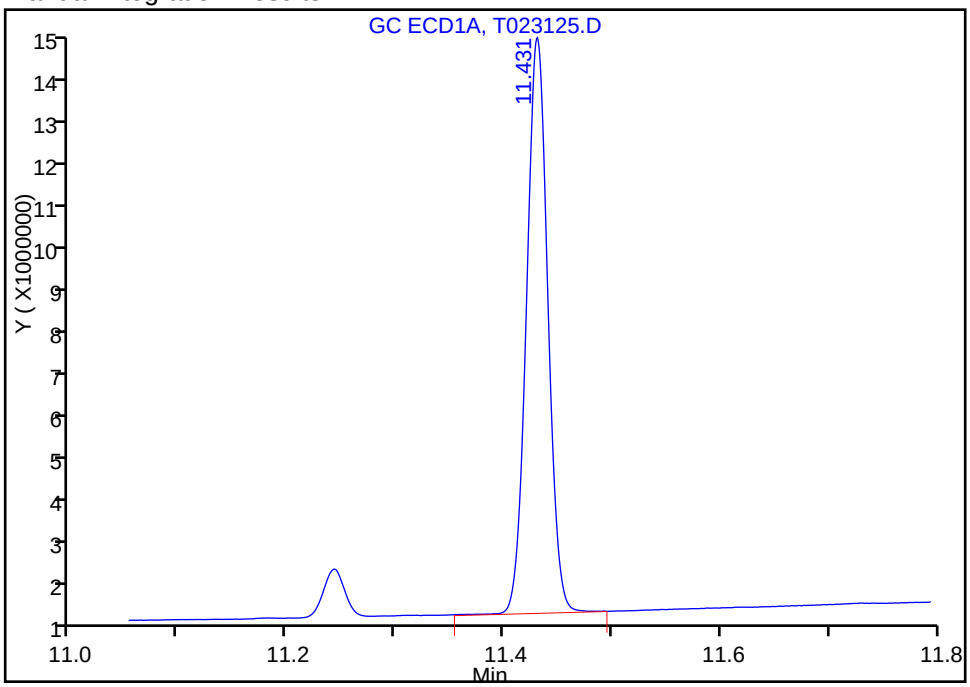
Processing Integration Results

RT: 11.43
Response: 18979202
Amount: 64.057018



Manual Integration Results

RT: 11.43
Response: 17850573
Amount: 60.247763



Reviewer: patelji, 17-Sep-2013 12:05:30
Audit Action: Assigned New Baseline
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181667/2-A

Matrix: Solid Lab File ID: T023125.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/17/2013 04:50

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 08:57

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181717 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*377*		*67*	*15*
11096-82-5	*Aroclor 1260*	*374*		*67*	*19*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20130917-4713.b\T023125.D
Lims ID: LCS 460-181667/2-A Client ID:
Inject. Date: 17-Sep-2013 08:57:15 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID:
Misc. Info.:
Operator: Instrument ID: CPESTGC11
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 181717 Lims Sample ID: 4
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC11\20130917-4713.b\8082GC11.m
Last Update: 17-Sep-2013 12:52:09 Calib Date: 16-Sep-2013 15:56:03
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20130916-4672.b\T023100.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK035

First Level Reviewer: patelji Date: 17-Sep-2013 12:05:30

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.202	2.201	0.001	28983116	61.3	
2	1.617	1.609	0.008	183628721	60.4	
					RPD = 1.44	
1 PCB-1016						M
1	2.902	2.901	0.001	4694639	572.1	
1	3.557	3.558	-0.001	10530997	638.7	
1	4.375	4.379	-0.004	20602452	590.0	
1	5.432	5.437	-0.005	6302758	597.7	
1	5.638	5.643	-0.005	6496321	532.0	
		Average of Peak Amounts =			586.1	
2	2.047	2.039	0.008	34375442	493.0	
2	2.491	2.482	0.009	62525222	584.2	
2	3.091	3.083	0.008	131869069	581.2	
2	3.288	3.280	0.008	52271600	590.9	
2	3.997	3.989	0.008	52034505	579.8	M
		Average of Peak Amounts =			565.8	
					RPD = 3.52	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 PCB-1260						
1	7.596	7.599	-0.003	12495849	589.8	
1	8.033	8.037	-0.004	14571738	570.3	
1	9.767	9.773	-0.006	12515026	627.1	
1	10.162	10.168	-0.006	22916611	573.3	
1	10.998	11.006	-0.008	6171981	562.9	
		Average of Peak Amounts =			584.7	
2	6.032	6.026	0.006	71630169	560.5	
2	7.560	7.554	0.006	72224460	563.4	
2	8.195	8.188	0.007	159514966	573.6	
2	8.834	8.829	0.005	83752147	549.8	
2	10.130	10.125	0.005	40584799	558.0	
		Average of Peak Amounts =			561.1	
					RPD = 4.12	
$ 5 DCB Decachlorobiphenyl						M
1	11.431	11.444	-0.013	17850573	60.2	M
2	10.616	10.614	0.002	123863429	57.3	M
					RPD = 5.01	

QC Flag Legend

Review Flags
M - Manually Integrated

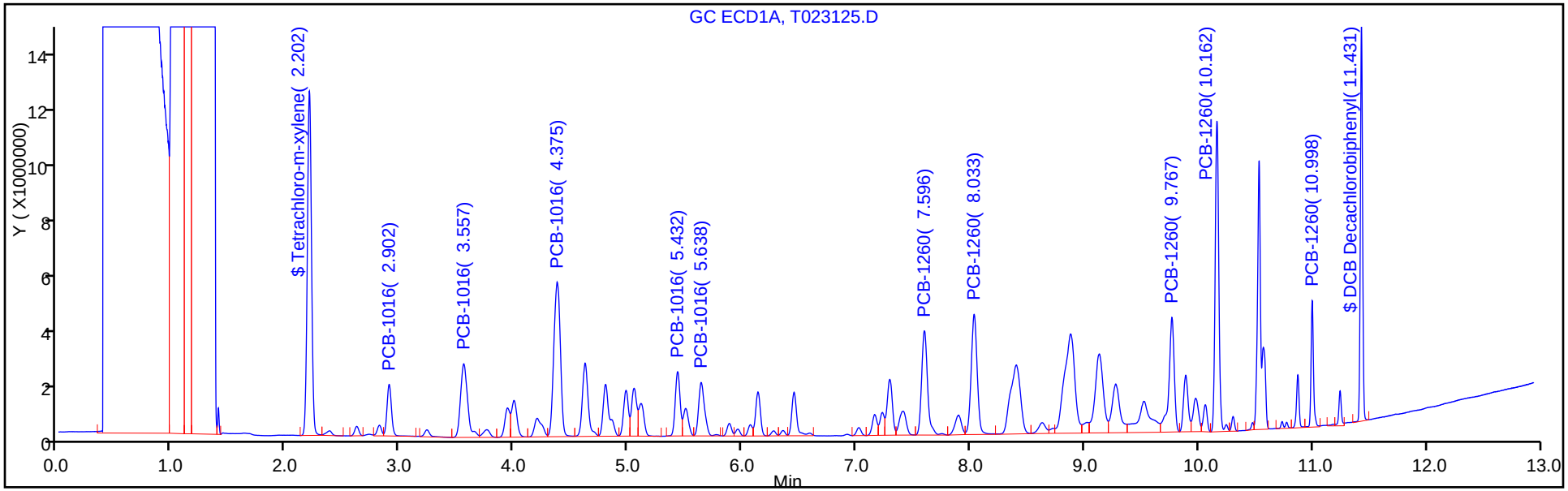
Report Date: 17-Sep-2013 12:52:15 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

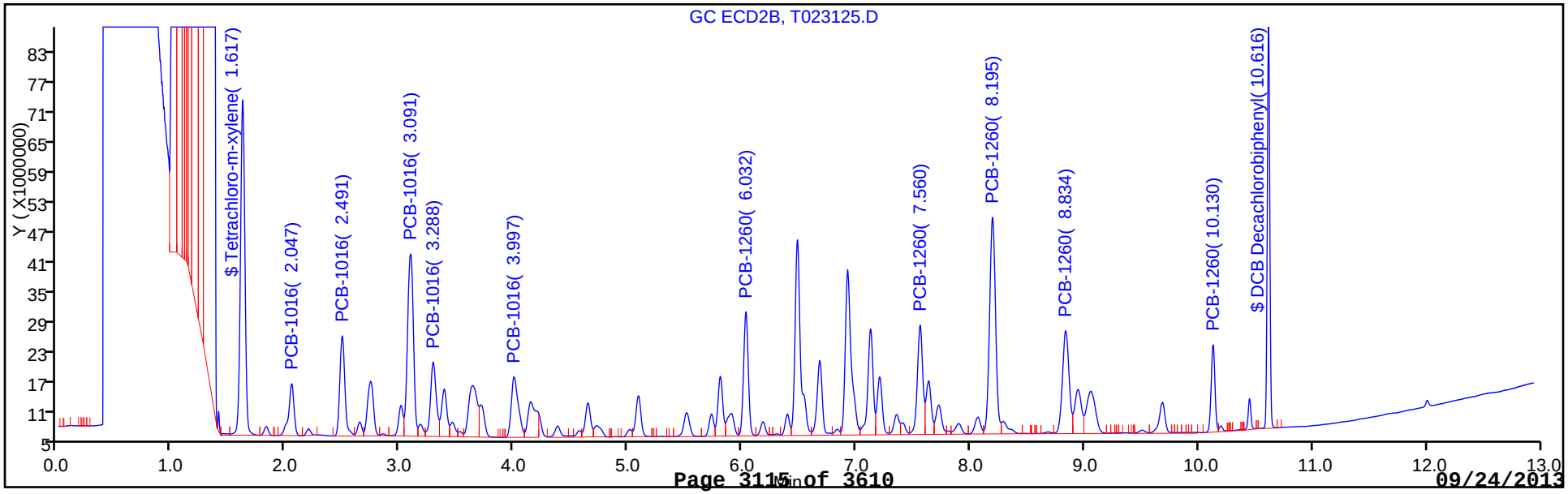
Data File: \\EDICHROM\ChromData\CPESTGC11\20130917-4713.b\T023125.D

Injection Date:	17-Sep-2013 08:57:15	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC11
Lims Batch ID:	181717	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



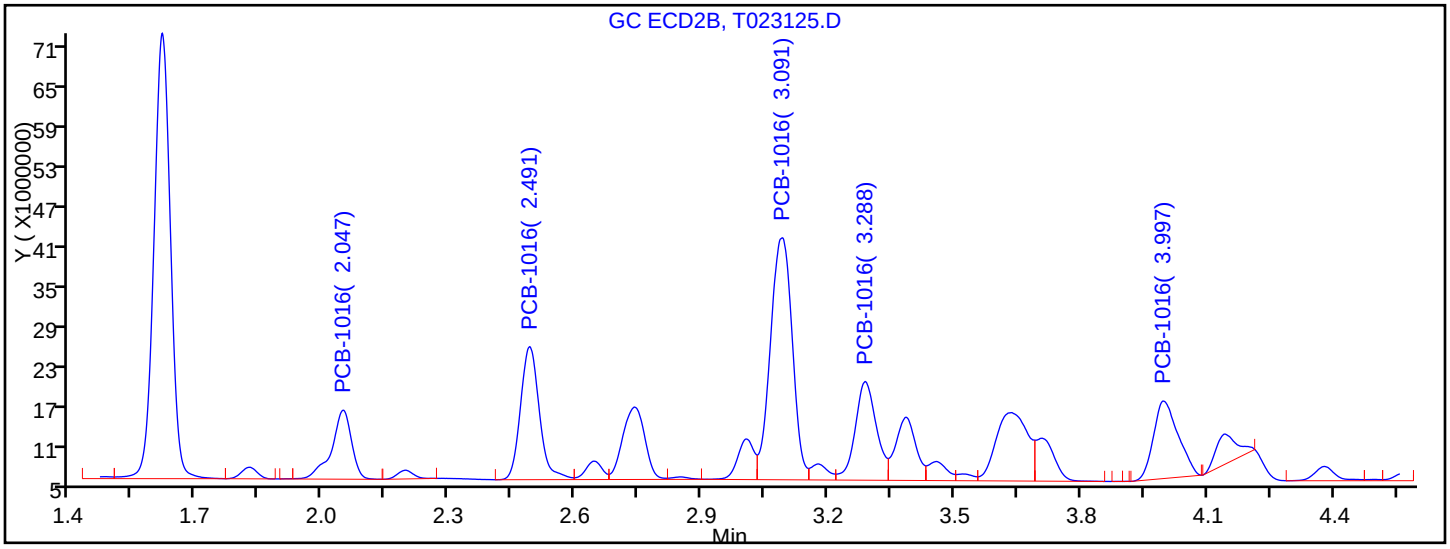
Report Date: 17-Sep-2013 12:52:15 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20130917-4713.b\T023125.D

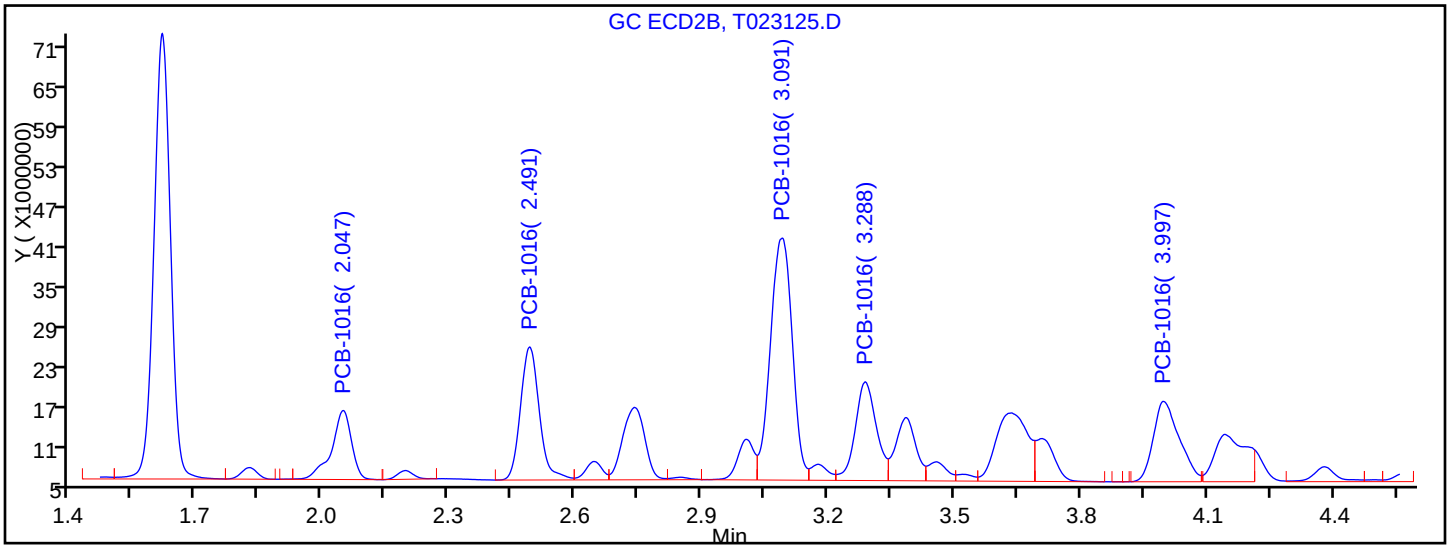
Injection Date:	17-Sep-2013 08:57:15	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC11
Lims Batch ID:	181717	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

1 PCB-1016, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.047	Response = 34375442	
RT = 2.491	Response = 62525222	
RT = 3.091	Response = 131869069	
RT = 3.288	Response = 52271600	
RT = 3.997	Response = 47337848	M



Manual Integration Results

RT = 2.047	Response = 34375442	
RT = 2.491	Response = 62525222	
RT = 3.091	Response = 131869069	
RT = 3.288	Response = 52271600	
RT = 3.997	Response = 52034505	M

Reviewer: patelji, 17-Sep-2013 12:05:30

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

Manual Integration/User Assign Peak Report

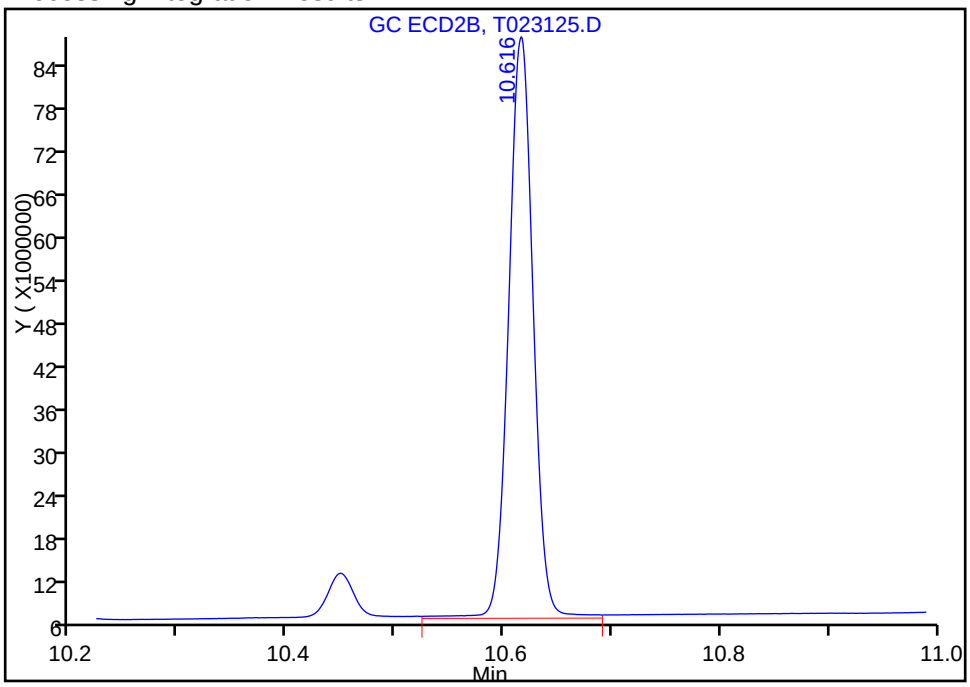
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC11\20130917-4713.b\T023125.D		
Injection Date:	17-Sep-2013 08:57:15	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC11
Lims Batch ID:	181717	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 5 DCB Decachlorobiphenyl, Signal: 2, Type: quant, RT: 10.61, Det: GC ECD2B

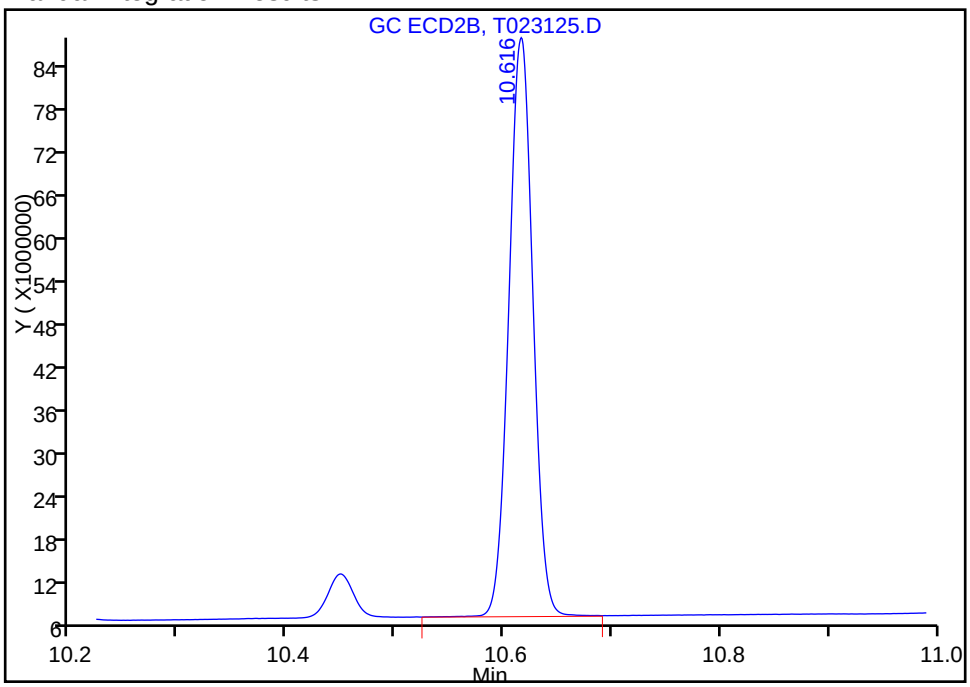
Processing Integration Results

RT: 10.62
Response: 126989079
Amount: 58.749174



Manual Integration Results

RT: 10.62
Response: 123863429
Amount: 57.303149



Reviewer: patelji, 17-Sep-2013 12:05:30
Audit Action: Assigned New Baseline
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181668/2-A

Matrix: Solid Lab File ID: OR208150.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 15:22

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	377		67	15
11096-82-5	Aroclor 1260	381		67	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	137		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208150.D
Lims ID: LCS 460-181668/2-A
Client ID:
Inject. Date: 17-Sep-2013 15:22:30
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 460-0004712-024
Misc. Info.:
Operator:
Instrument ID: CPESTGC7
Injection Vol: 1.0 ul
ALS Bottle#: 24
Lims Batch ID: 181786
Lims Sample ID: 24
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m
Last Update: 18-Sep-2013 11:43:36
Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji
Date: 17-Sep-2013 16:05:12

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						M
1	2.558	2.558	0.0	439109	63.8	M
2	2.048	2.047	0.001	525655	60.3	
					RPD = 5.61	
1 PCB-1016						M
1	3.090	3.092	-0.002	85787	558.3	
1	3.562	3.565	-0.003	182683	585.1	M
1	4.105	4.108	-0.003	331363	579.6	
1	4.867	4.870	-0.003	106236	584.2	M
1	5.025	5.030	-0.005	115406	523.1	
		Average of Peak Amounts =			566.1	
2	2.343	2.342	0.001	116009	515.0	
2	2.668	2.668	0.0	206262	581.1	
2	3.122	3.123	-0.001	441913	573.1	M
2	3.265	3.265	0.0	167839	575.8	
2	3.702	3.703	-0.001	181619	575.7	
		Average of Peak Amounts =			564.1	
					RPD = 0.34	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	6.567	6.575	-0.008	209911	571.9	
1	6.912	6.920	-0.008	243241	565.7	
1	8.485	8.497	-0.012	221335	549.8	
1	8.998	9.007	-0.009	386474	570.1	M
1	10.183	10.185	-0.002	94859	597.7	
		Average of Peak Amounts =			571.0	
2	5.113	5.118	-0.005	249415	575.9	
2	6.270	6.277	-0.007	221966	547.5	
2	6.745	6.752	-0.007	536772	556.5	
2	7.230	7.238	-0.008	266817	537.1	
2	8.603	8.613	-0.010	163985	540.7	
		Average of Peak Amounts =			551.5	
					RPD = 3.48	
$ 5 DCB Decachlorobiphenyl						M
1	10.717	10.710	0.007	266186	68.3	M
2	9.368	9.377	-0.009	474411	67.3	
					RPD = 1.47	

QC Flag Legend

Review Flags
M - Manually Integrated

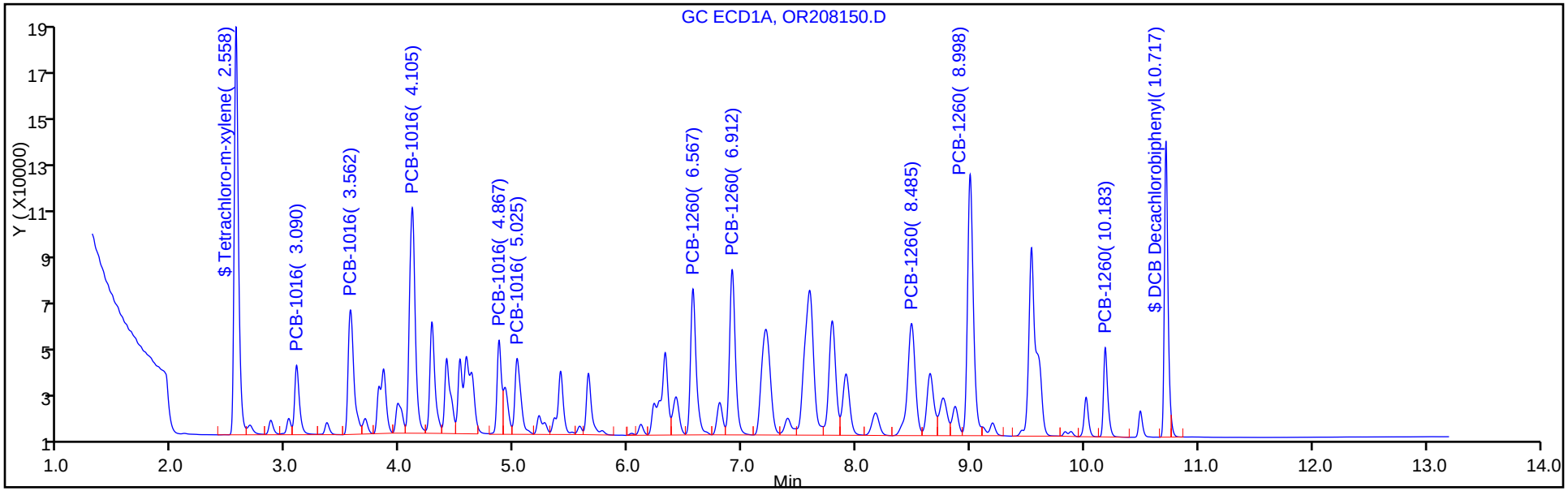
Report Date: 18-Sep-2013 11:43:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

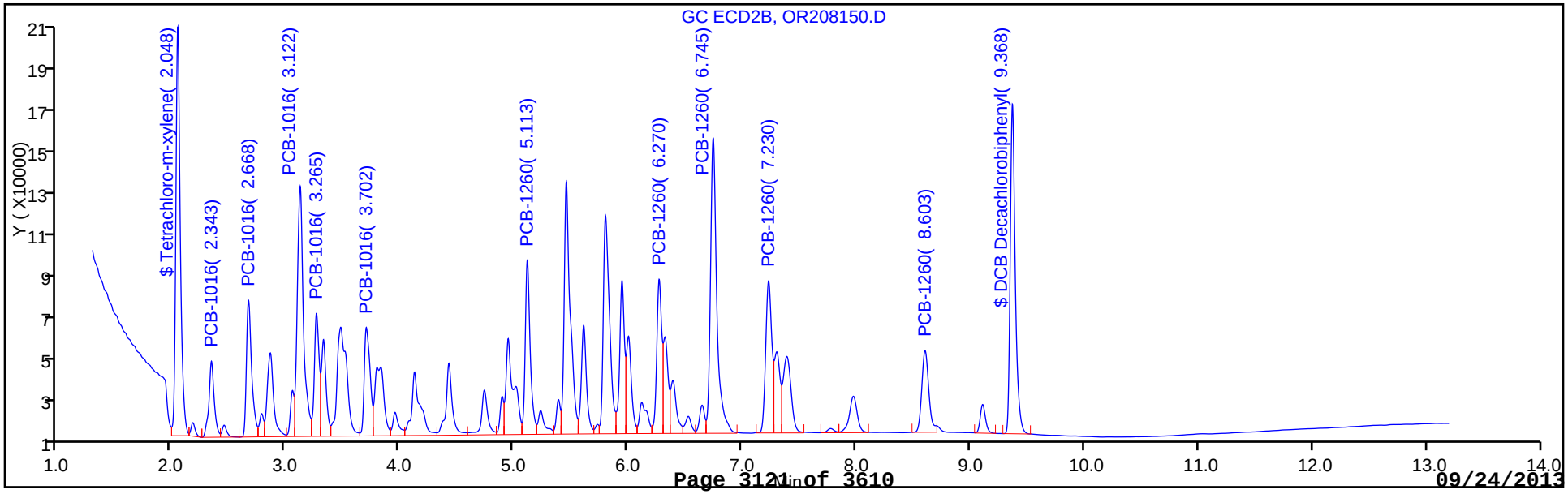
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208150.D

Injection Date:	17-Sep-2013 15:22:30	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



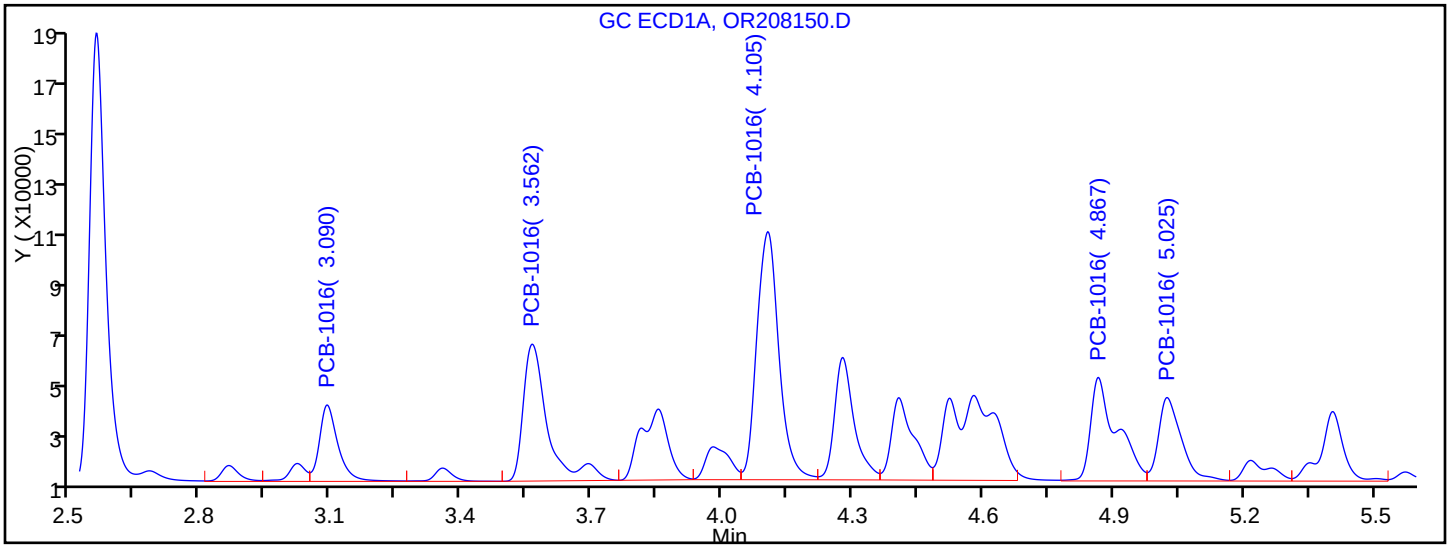
Report Date: 18-Sep-2013 11:43:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208150.D

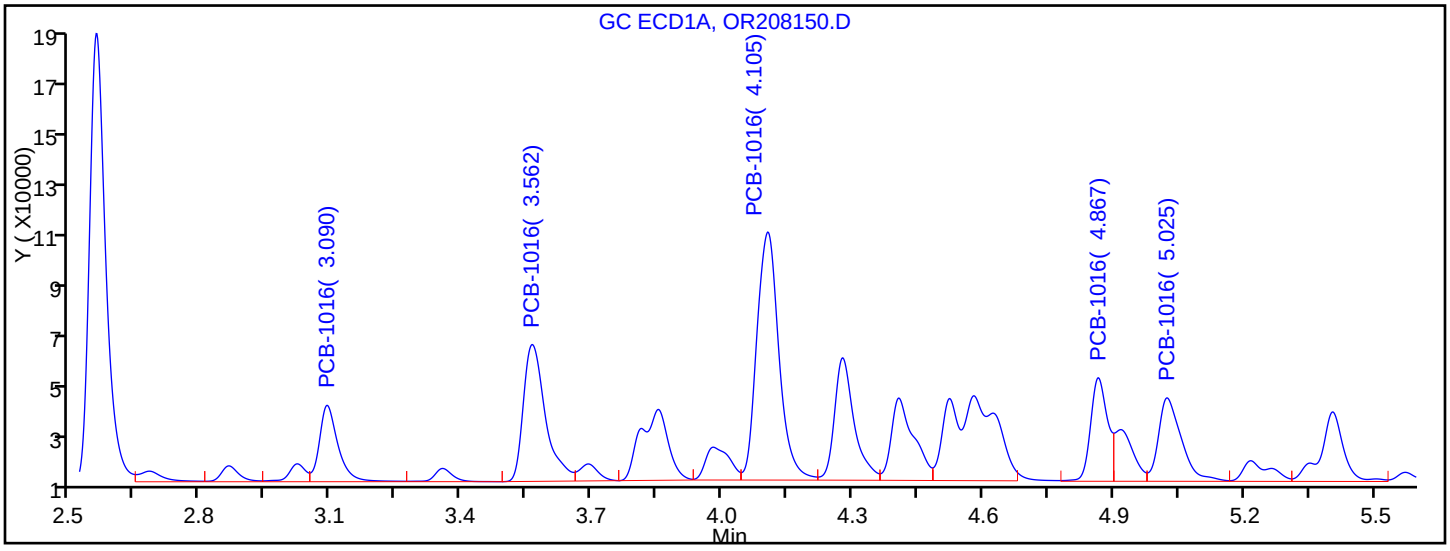
Injection Date:	17-Sep-2013 15:22:30	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

1 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.090	Response = 85787	
RT = 3.562	Response = 201351	M
RT = 4.105	Response = 331363	
RT = 4.867	Response = 163604	M
RT = 5.025	Response = 115406	



Manual Integration Results

RT = 3.090	Response = 85787	
RT = 3.562	Response = 182683	M
RT = 4.105	Response = 331363	
RT = 4.867	Response = 106236	M
RT = 5.025	Response = 115406	

Reviewer: patelji, 17-Sep-2013 16:05:12

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

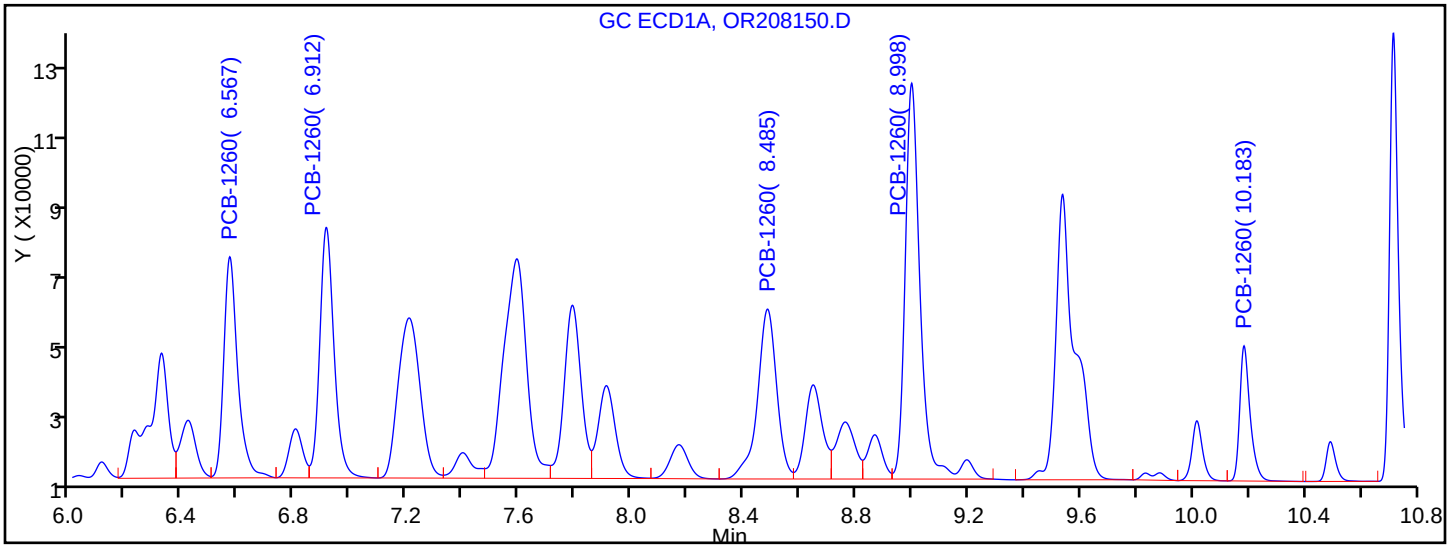
Report Date: 18-Sep-2013 11:43:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208150.D

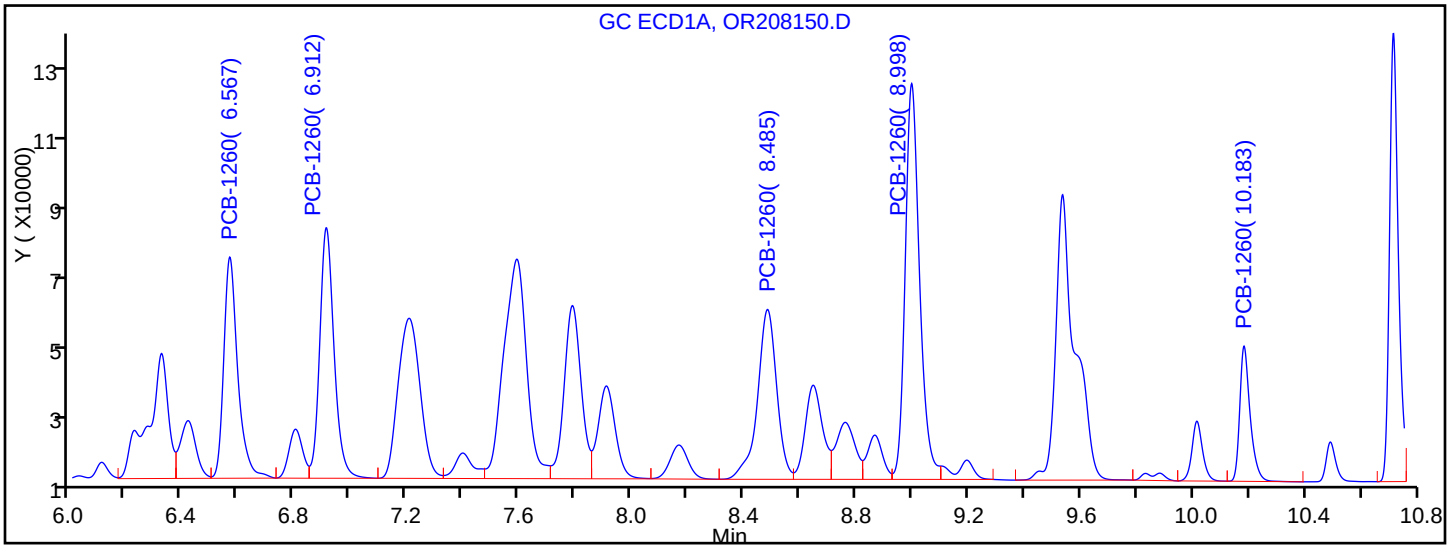
Injection Date:	17-Sep-2013 15:22:30	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 6.567	Response = 209911	
RT = 6.912	Response = 243241	
RT = 8.485	Response = 221335	
RT = 8.998	Response = 411472	M
RT = 10.183	Response = 94859	



Manual Integration Results

RT = 6.567	Response = 209911	
RT = 6.912	Response = 243241	
RT = 8.485	Response = 221335	
RT = 8.998	Response = 386474	M
RT = 10.183	Response = 94859	

Reviewer: patelji, 17-Sep-2013 16:05:12

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

Manual Integration/User Assign Peak Report

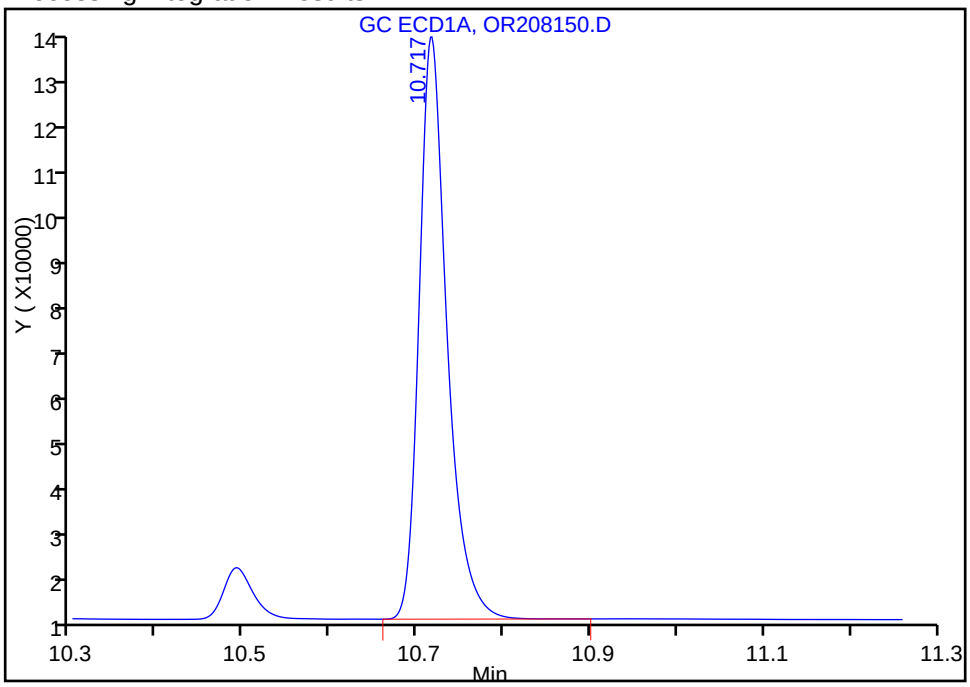
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208150.D		
Injection Date:	17-Sep-2013 15:22:30	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 5 DCB Decachlorobiphenyl, Signal: 1, Type: quant, RT: 10.71, Det: GC ECD1A

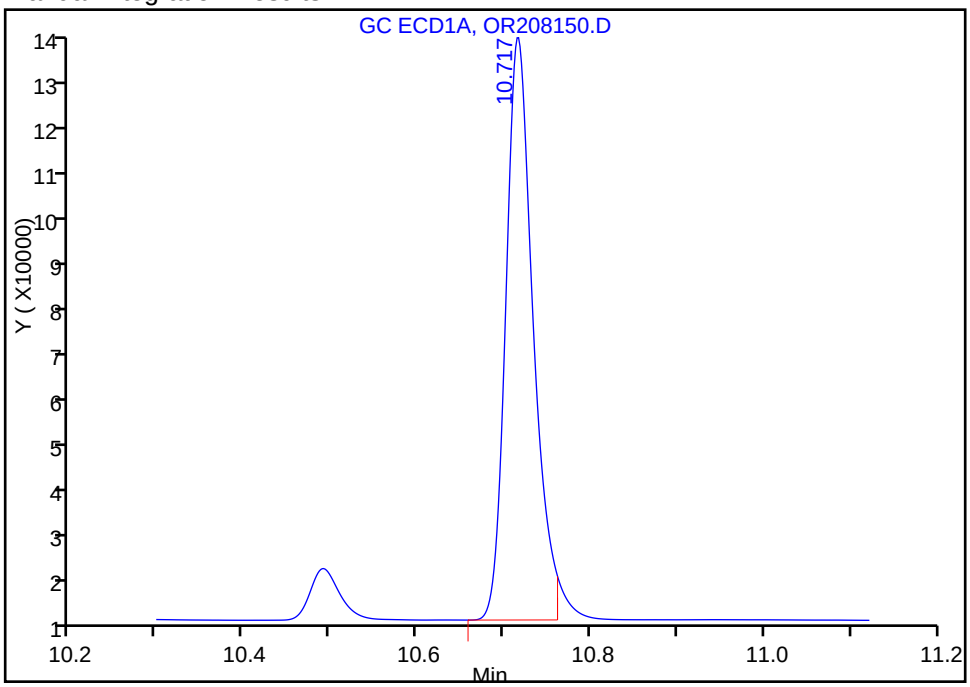
Processing Integration Results

RT: 10.72
Response: 273895
Amount: 70.249361



Manual Integration Results

RT: 10.72
Response: 266186
Amount: 68.272135



Reviewer: patelji, 17-Sep-2013 16:05:12
Audit Action: Split an Integrated Peak
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181668/2-A

Matrix: Solid Lab File ID: OR208150.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 15:22

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*376*		*67*	*15*
11096-82-5	*Aroclor 1260*	*368*		*67*	*19*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	135		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208150.D		
Lims ID:	LCS 460-181668/2-A	Client ID:	
Inject. Date:	17-Sep-2013 15:22:30	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	460-0004712-024		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	24
Lims Batch ID:	181786	Lims Sample ID:	24
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	18-Sep-2013 11:43:36	Calib Date:	13-Sep-2013 14:15:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 17-Sep-2013 16:05:12

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						M
1	2.558	2.558	0.0	439109	63.8	M
2	2.048	2.047	0.001	525655	60.3	
					RPD = 5.61	
1 PCB-1016						M
1	3.090	3.092	-0.002	85787	558.3	
1	3.562	3.565	-0.003	182683	585.1	M
1	4.105	4.108	-0.003	331363	579.6	
1	4.867	4.870	-0.003	106236	584.2	M
1	5.025	5.030	-0.005	115406	523.1	
		Average of Peak Amounts =			566.1	
2	2.343	2.342	0.001	116009	515.0	
2	2.668	2.668	0.0	206262	581.1	
2	3.122	3.123	-0.001	441913	573.1	M
2	3.265	3.265	0.0	167839	575.8	
2	3.702	3.703	-0.001	181619	575.7	
		Average of Peak Amounts =			564.1	
					RPD = 0.34	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	6.567	6.575	-0.008	209911	571.9	
1	6.912	6.920	-0.008	243241	565.7	
1	8.485	8.497	-0.012	221335	549.8	
1	8.998	9.007	-0.009	386474	570.1	M
1	10.183	10.185	-0.002	94859	597.7	
		Average of Peak Amounts =			571.0	
2	5.113	5.118	-0.005	249415	575.9	
2	6.270	6.277	-0.007	221966	547.5	
2	6.745	6.752	-0.007	536772	556.5	
2	7.230	7.238	-0.008	266817	537.1	
2	8.603	8.613	-0.010	163985	540.7	
		Average of Peak Amounts =			551.5	
					RPD = 3.48	
$ 5 DCB Decachlorobiphenyl						M
1	10.717	10.710	0.007	266186	68.3	M
2	9.368	9.377	-0.009	474411	67.3	
					RPD = 1.47	

QC Flag Legend

Review Flags
M - Manually Integrated

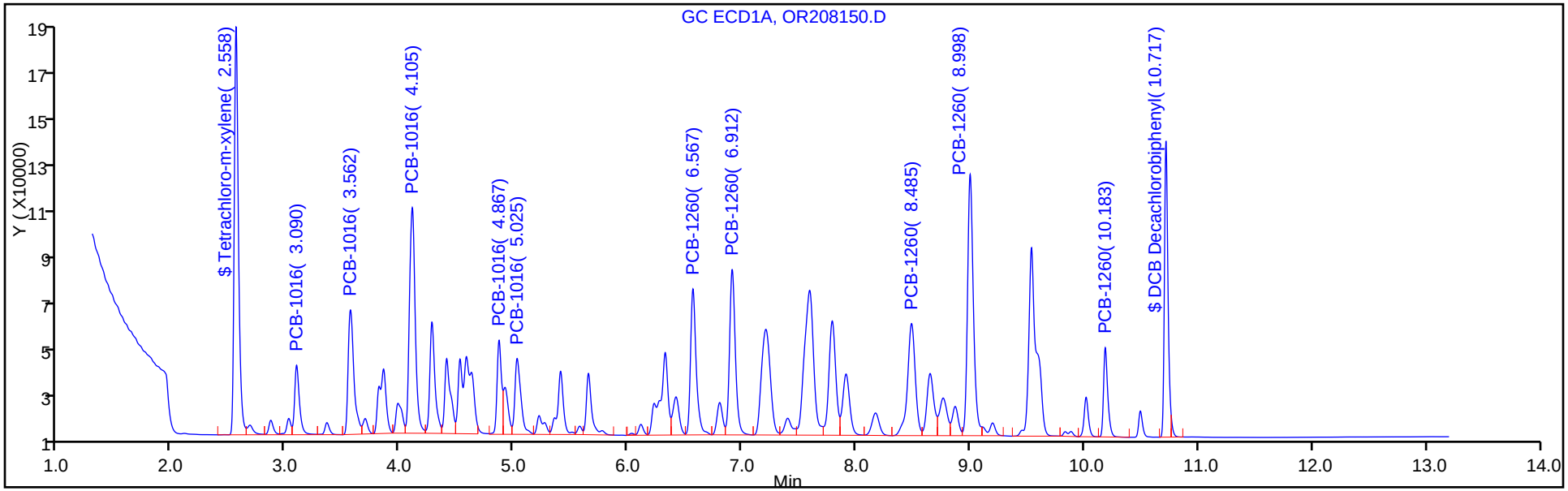
Report Date: 18-Sep-2013 11:43:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

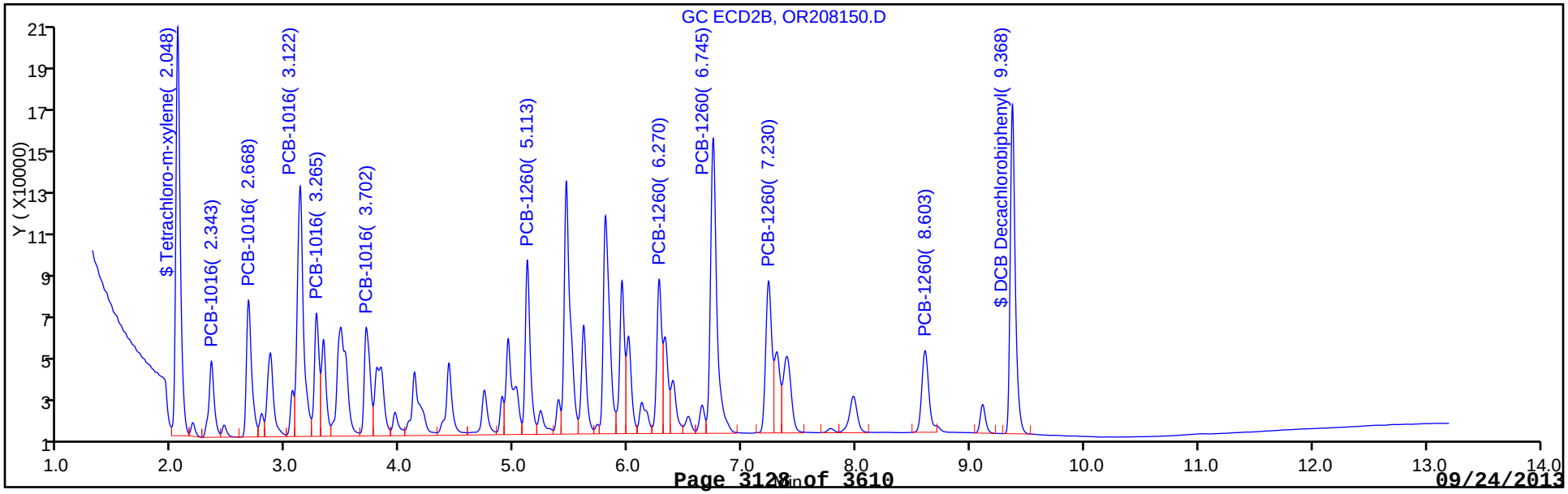
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208150.D

Injection Date:	17-Sep-2013 15:22:30	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



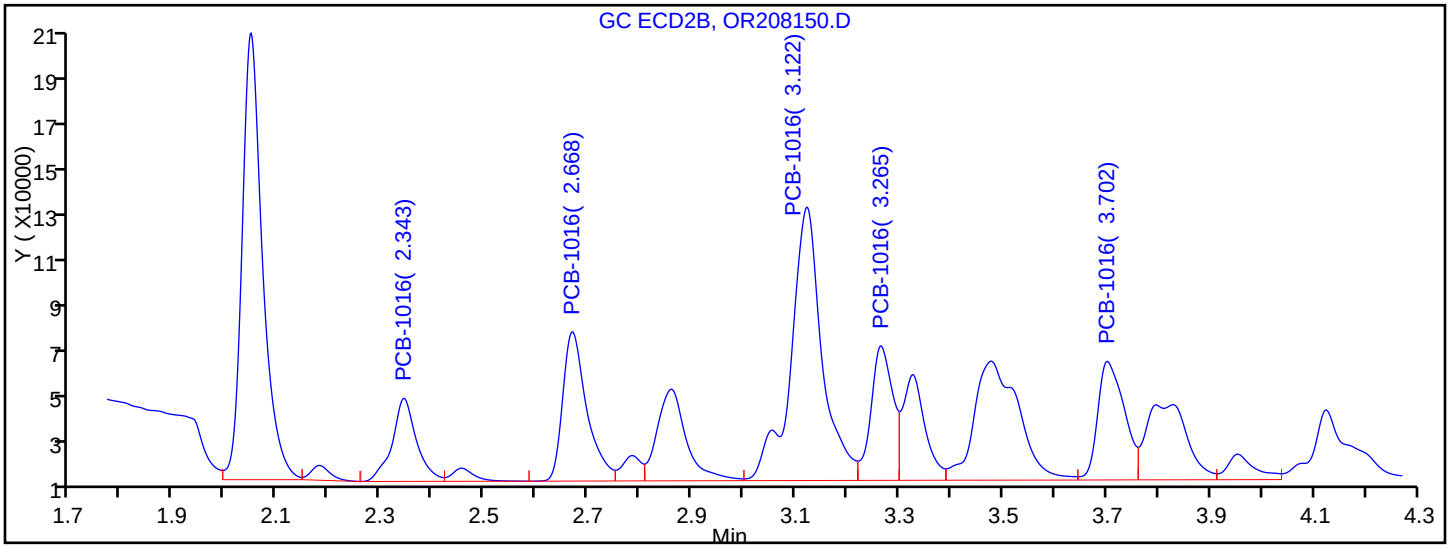
Report Date: 18-Sep-2013 11:43:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208150.D

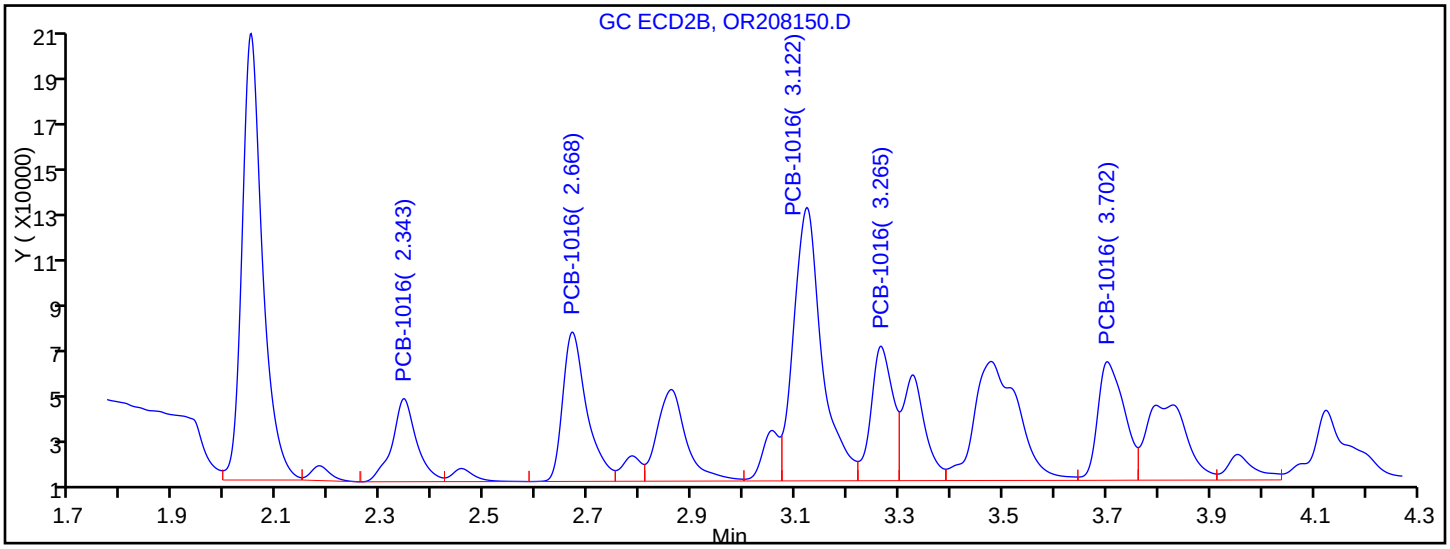
Injection Date:	17-Sep-2013 15:22:30	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC7
Lims Batch ID:	181786	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

1 PCB-1016, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.343	Response = 116009	
RT = 2.668	Response = 206262	
RT = 3.122	Response = 492625	M
RT = 3.265	Response = 167839	
RT = 3.702	Response = 181619	



Manual Integration Results

RT = 2.343	Response = 116009	
RT = 2.668	Response = 206262	
RT = 3.122	Response = 441913	M
RT = 3.265	Response = 167839	
RT = 3.702	Response = 181619	

Reviewer: patelji, 17-Sep-2013 16:05:12

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181669/2-A

Matrix: Solid Lab File ID: OR208177.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 22:46

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*330*		*67*	*15*
11096-82-5	Aroclor 1260	331		67	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208177.D
Lims ID: LCS 460-181669/2-A
Client ID:
Inject. Date: 17-Sep-2013 22:46:30
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 460-0004712-051
Misc. Info.:
Operator:
Instrument ID: CPESTGC7
Injection Vol: 1.0 ul
ALS Bottle#: 51
Lims Batch ID: 181811
Lims Sample ID: 51
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m
Last Update: 18-Sep-2013 11:45:40
Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji
Date: 18-Sep-2013 11:04:03

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.548	2.558	-0.010	342171	49.7	
2	2.035	2.047	-0.012	387531	44.4	
					RPD = 11.14	
1 PCB-1016						M
1	3.082	3.092	-0.010	74815	486.9	M
1	3.557	3.565	-0.008	156161	500.2	
1	4.100	4.108	-0.008	296922	519.4	M
1	4.862	4.870	-0.008	92853	510.6	M
1	5.022	5.030	-0.008	100454	455.4	M
		Average of Peak Amounts =			494.5	
2	2.332	2.342	-0.010	102522	455.1	
2	2.658	2.668	-0.010	182688	514.7	
2	3.113	3.123	-0.010	392008	508.4	
2	3.257	3.265	-0.008	146269	501.8	M
2	3.695	3.703	-0.008	161105	510.7	
		Average of Peak Amounts =			498.1	
					RPD = 0.74	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	6.565	6.575	-0.010	183632	500.3	
1	6.908	6.920	-0.012	213040	495.4	
1	8.482	8.497	-0.015	192544	478.3	
1	8.997	9.007	-0.010	336056	495.7	M
1	10.178	10.185	-0.007	81652	514.5	
		Average of Peak Amounts =			496.9	
2	5.112	5.118	-0.006	218406	504.3	
2	6.268	6.277	-0.009	193451	477.2	
2	6.742	6.752	-0.010	465361	482.4	
2	7.228	7.238	-0.010	227831	458.6	
2	8.602	8.613	-0.011	149721	493.6	
		Average of Peak Amounts =			483.2	
					RPD = 2.78	
$ 5 DCB Decachlorobiphenyl						
1	10.700	10.710	-0.010	201670	51.7	
2	9.368	9.377	-0.009	351182	49.8	
					RPD = 3.79	

QC Flag Legend

Review Flags
M - Manually Integrated

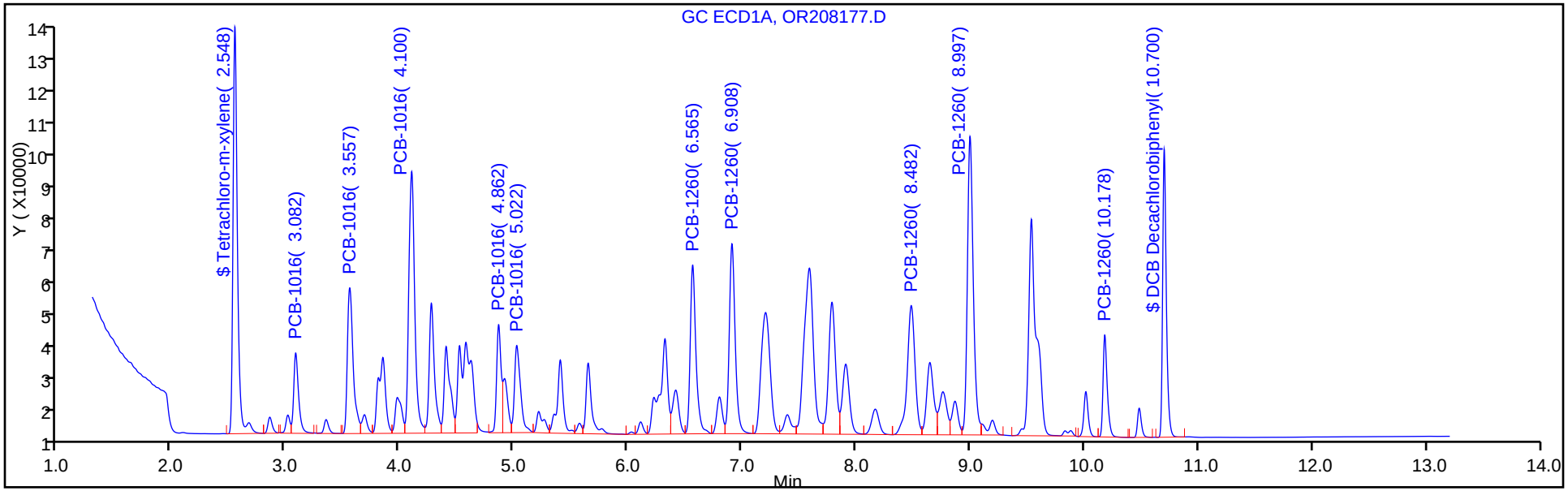
Report Date: 18-Sep-2013 11:45:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

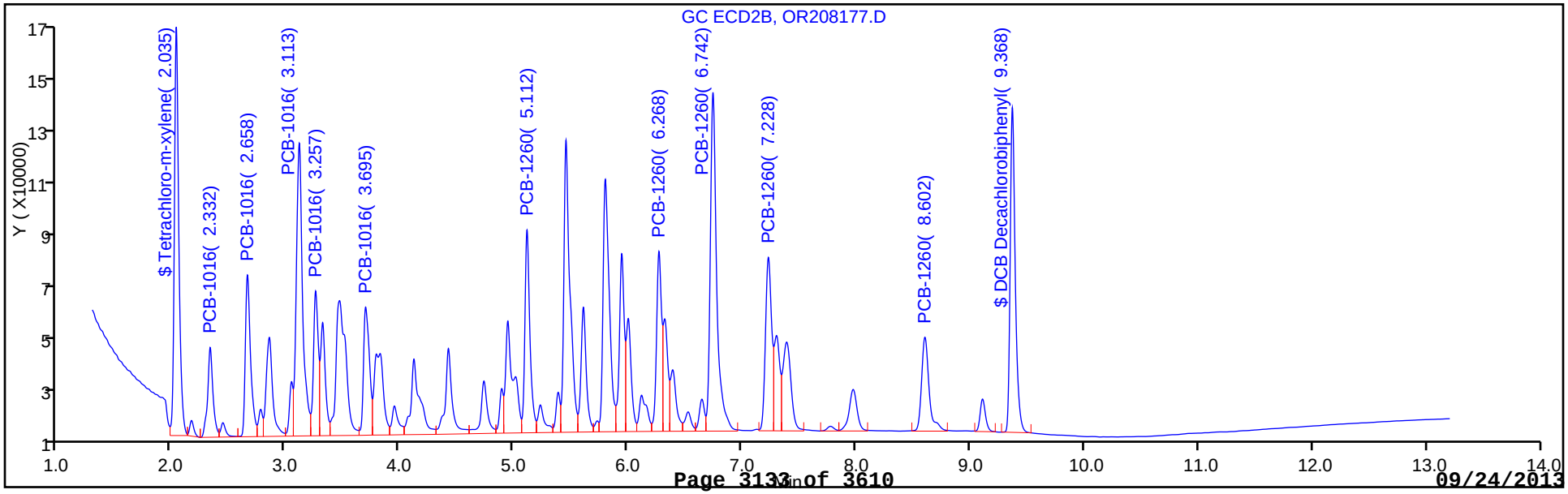
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208177.D

Injection Date:	17-Sep-2013 22:46:30	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	51
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



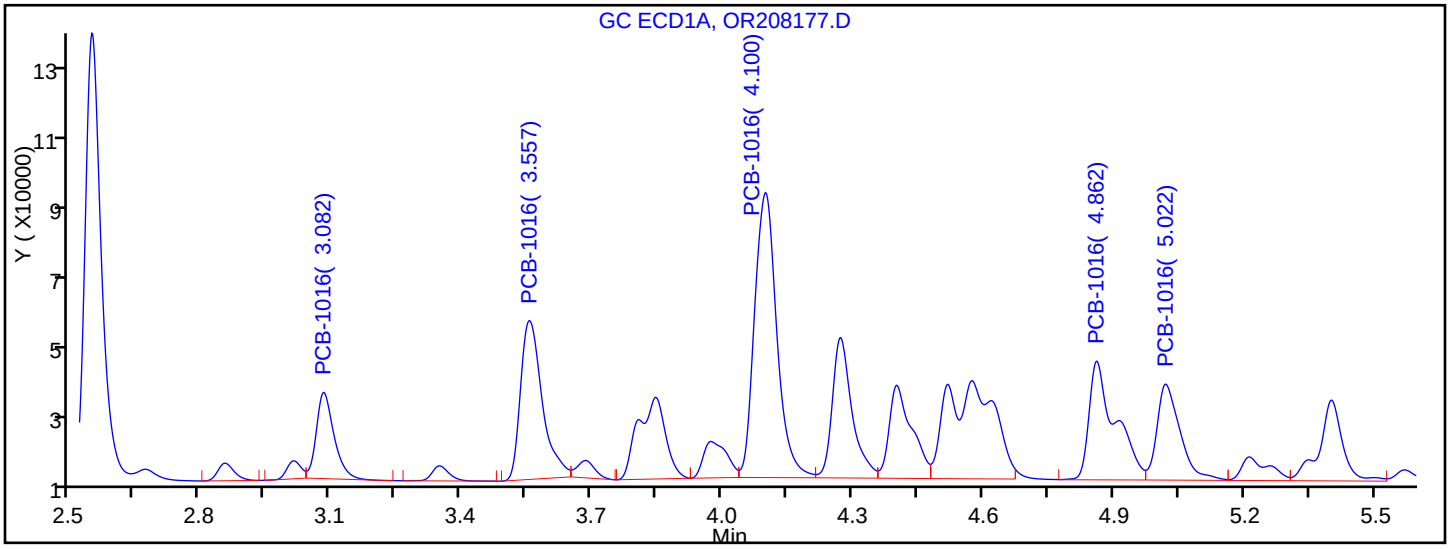
Report Date: 18-Sep-2013 11:45:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208177.D

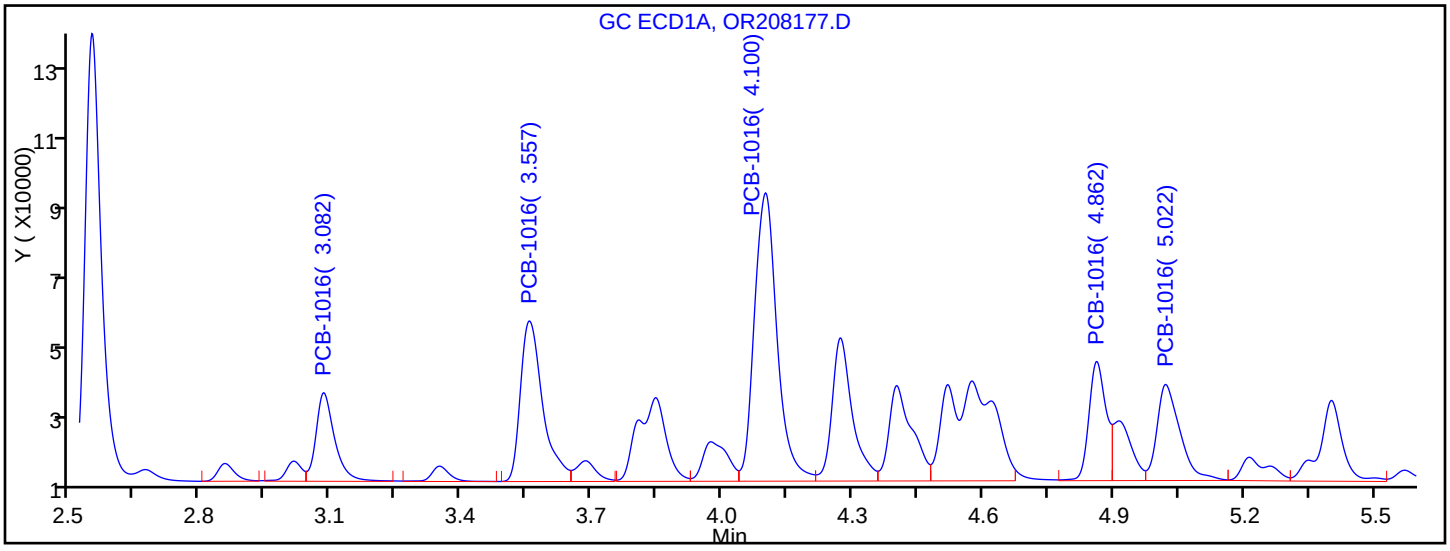
Injection Date:	17-Sep-2013 22:46:30	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	51
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

1 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.082	Response = 69409	M
RT = 3.557	Response = 156161	
RT = 4.100	Response = 287334	M
RT = 4.862	Response = 140872	M
RT = 5.022	Response = 100545	M



Manual Integration Results

RT = 3.082	Response = 74815	M
RT = 3.557	Response = 156161	
RT = 4.100	Response = 296922	M
RT = 4.862	Response = 92853	M
RT = 5.022	Response = 100454	M

Reviewer: patelji, 18-Sep-2013 11:04:03

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

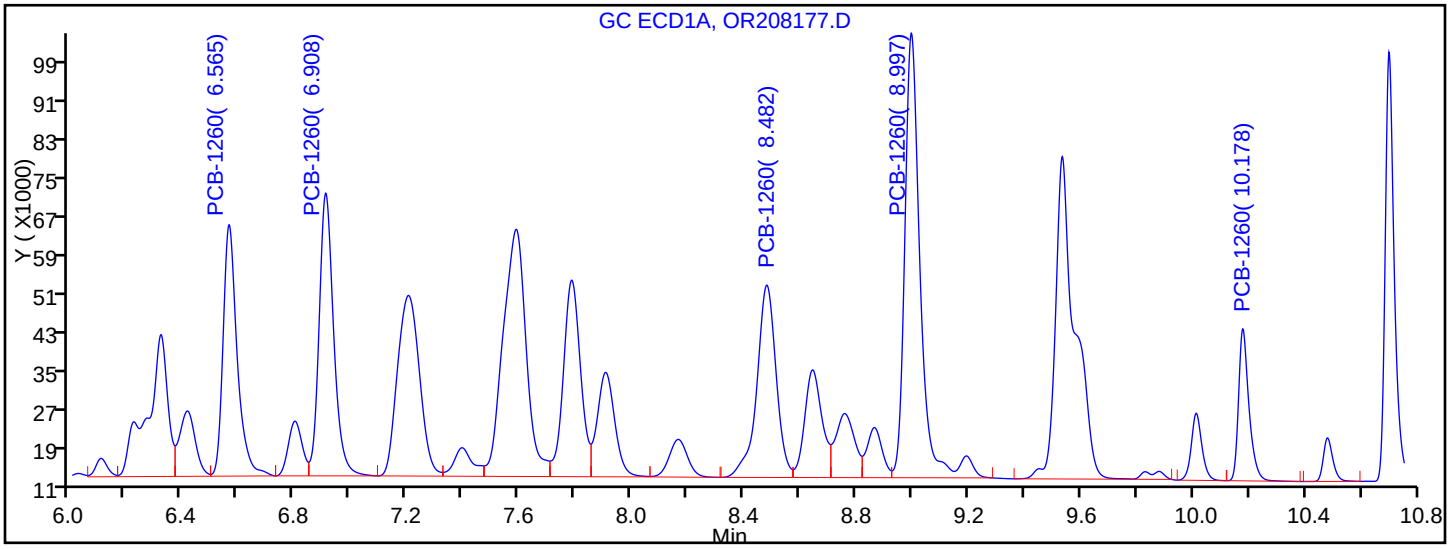
Report Date: 18-Sep-2013 11:45:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208177.D

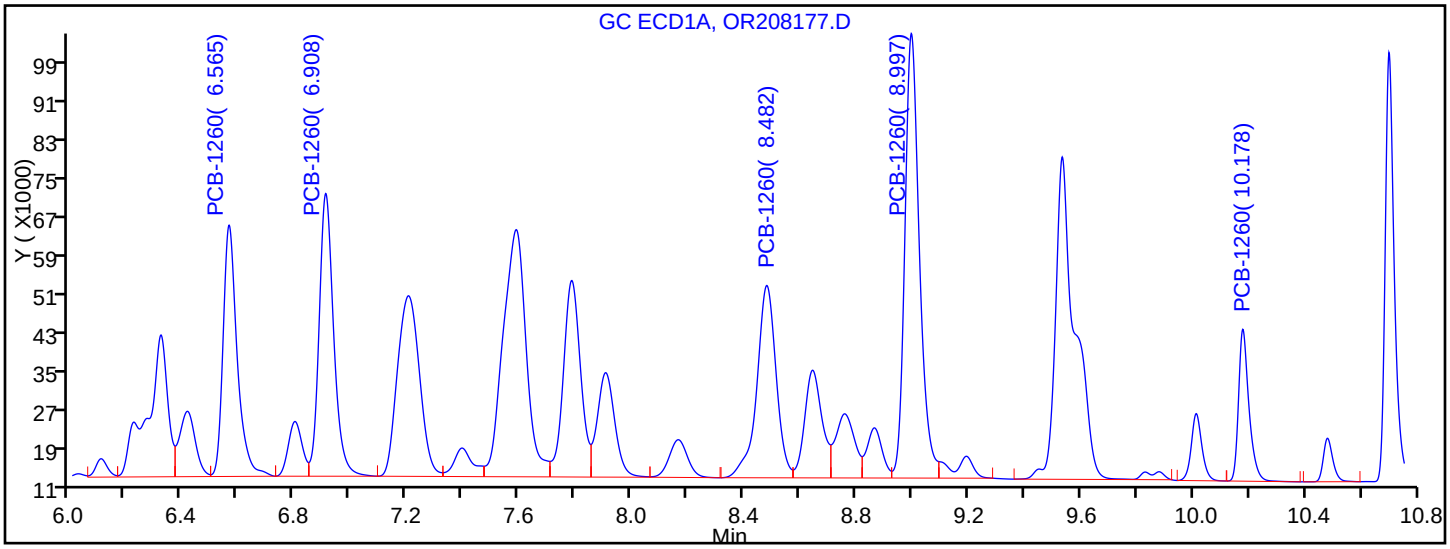
Injection Date:	17-Sep-2013 22:46:30	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	51
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 6.565	Response = 183632	
RT = 6.908	Response = 213040	
RT = 8.482	Response = 192544	
RT = 8.997	Response = 359470	M
RT = 10.178	Response = 81652	



Manual Integration Results

RT = 6.565	Response = 183632	
RT = 6.908	Response = 213040	
RT = 8.482	Response = 192544	
RT = 8.997	Response = 336056	M
RT = 10.178	Response = 81652	

Reviewer: patelji, 18-Sep-2013 11:04:03

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181669/2-A

Matrix: Solid Lab File ID: OR208177.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 22:46

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181811 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	332		67	15
11096-82-5	*Aroclor 1260*	*322*		*67*	*19*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208177.D
Lims ID: LCS 460-181669/2-A
Client ID:
Inject. Date: 17-Sep-2013 22:46:30
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 460-0004712-051
Misc. Info.:
Operator:
Instrument ID: CPESTGC7
Injection Vol: 1.0 ul
ALS Bottle#: 51
Lims Batch ID: 181811
Lims Sample ID: 51
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m
Last Update: 18-Sep-2013 11:45:40
Calib Date: 13-Sep-2013 14:15:30
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20130913-4590.b\OR207947.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji
Date: 18-Sep-2013 11:04:03

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.548	2.558	-0.010	342171	49.7	
2	2.035	2.047	-0.012	387531	44.4	
					RPD = 11.14	
1 PCB-1016						M
1	3.082	3.092	-0.010	74815	486.9	M
1	3.557	3.565	-0.008	156161	500.2	
1	4.100	4.108	-0.008	296922	519.4	M
1	4.862	4.870	-0.008	92853	510.6	M
1	5.022	5.030	-0.008	100454	455.4	M
		Average of Peak Amounts =			494.5	
2	2.332	2.342	-0.010	102522	455.1	
2	2.658	2.668	-0.010	182688	514.7	
2	3.113	3.123	-0.010	392008	508.4	
2	3.257	3.265	-0.008	146269	501.8	M
2	3.695	3.703	-0.008	161105	510.7	
		Average of Peak Amounts =			498.1	
					RPD = 0.74	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	6.565	6.575	-0.010	183632	500.3	
1	6.908	6.920	-0.012	213040	495.4	
1	8.482	8.497	-0.015	192544	478.3	
1	8.997	9.007	-0.010	336056	495.7	M
1	10.178	10.185	-0.007	81652	514.5	
		Average of Peak Amounts =			496.9	
2	5.112	5.118	-0.006	218406	504.3	
2	6.268	6.277	-0.009	193451	477.2	
2	6.742	6.752	-0.010	465361	482.4	
2	7.228	7.238	-0.010	227831	458.6	
2	8.602	8.613	-0.011	149721	493.6	
		Average of Peak Amounts =			483.2	
					RPD = 2.78	
$ 5 DCB Decachlorobiphenyl						
1	10.700	10.710	-0.010	201670	51.7	
2	9.368	9.377	-0.009	351182	49.8	
					RPD = 3.79	

QC Flag Legend

Review Flags
M - Manually Integrated

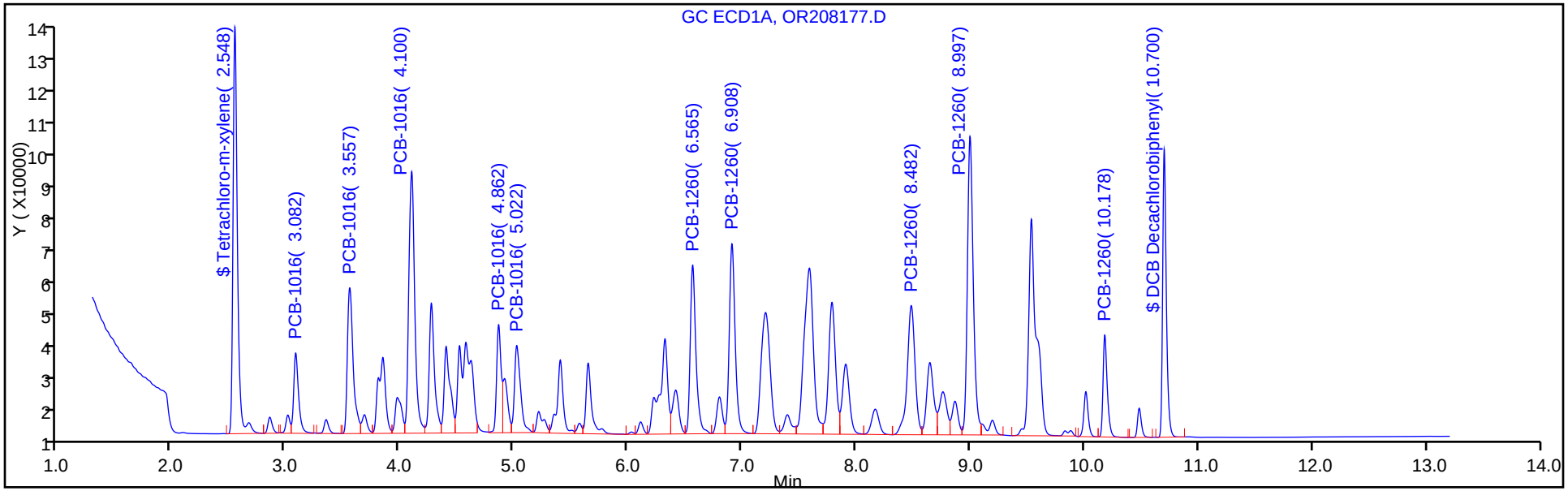
Report Date: 18-Sep-2013 11:45:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

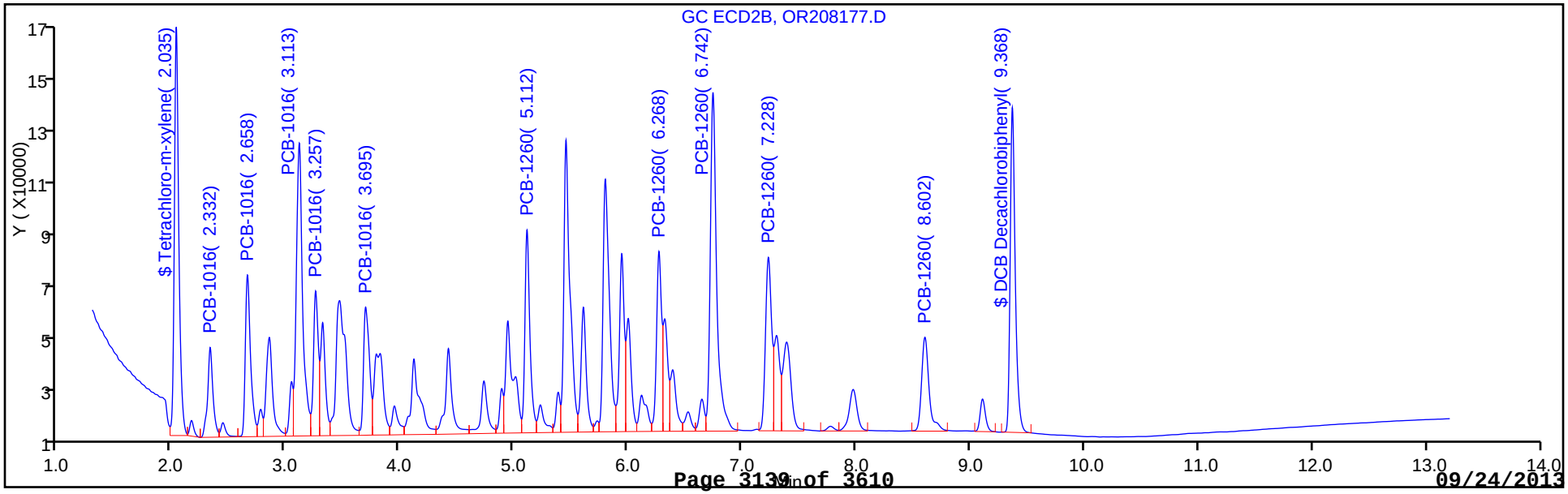
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208177.D

Injection Date:	17-Sep-2013 22:46:30	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	51
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



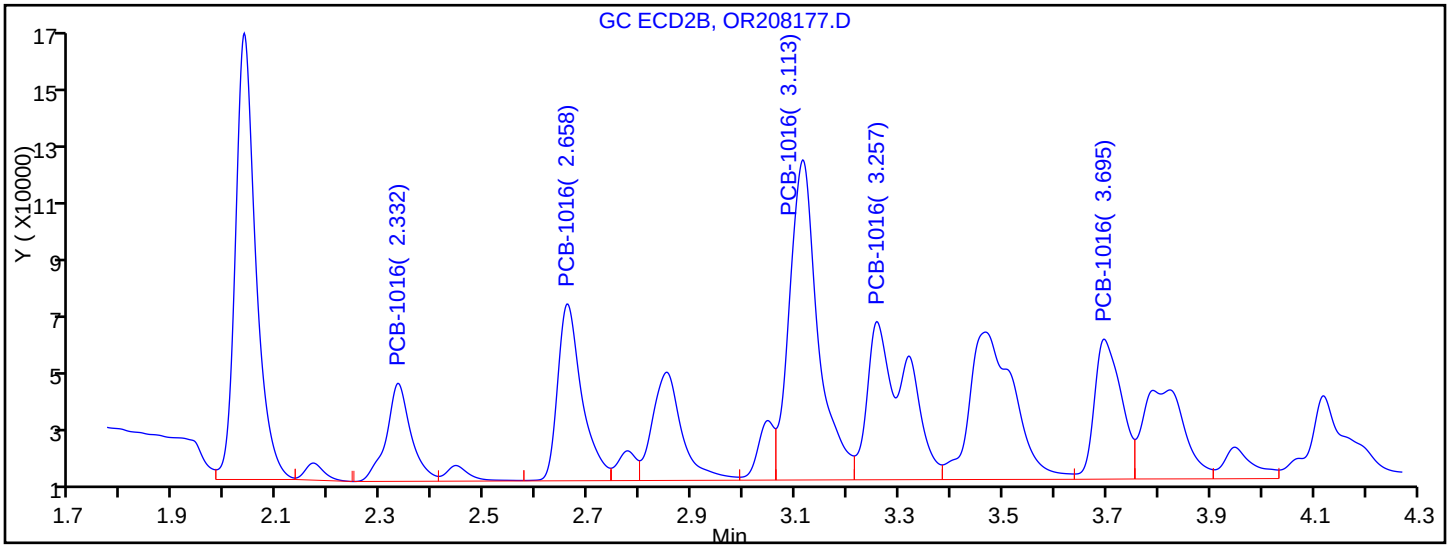
Report Date: 18-Sep-2013 11:45:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208177.D

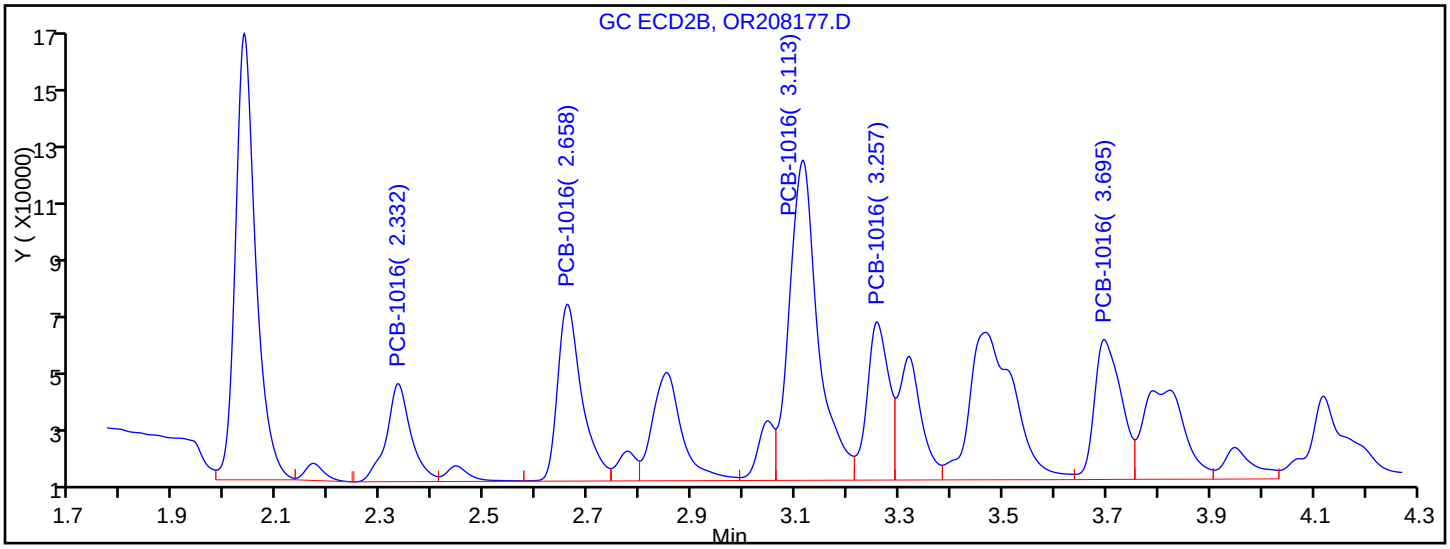
Injection Date:	17-Sep-2013 22:46:30	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC7
Lims Batch ID:	181811	Lims Sample ID:	51
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

1 PCB-1016, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.332	Response = 102522	
RT = 2.658	Response = 182688	
RT = 3.113	Response = 392008	
RT = 3.257	Response = 265955	M
RT = 3.695	Response = 161105	



Manual Integration Results

RT = 2.332	Response = 102522	
RT = 2.658	Response = 182688	
RT = 3.113	Response = 392008	
RT = 3.257	Response = 146269	M
RT = 3.695	Response = 161105	

Reviewer: patelji, 18-Sep-2013 11:04:03

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-181488/3-A

Matrix: Water | Lab File ID: QR097393.D

Analysis Method: 8082 | Date Collected:

Extraction Method: 3510C | Date Extracted: 09/16/2013 08:47

Sample wt/vol: 125(mL) | Date Analyzed: 09/18/2013 02:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181958 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*8.86*		*0.40*	*0.27*
11096-82-5	*Aroclor 1260*	*8.05*		*0.40*	*0.21*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	82		37-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097393.D
Lims ID: LCSD 460-181488/3-A Client ID:
Inject. Date: 18-Sep-2013 02:40:04 Dil. Factor: 1.0000
Sample Type: LCSD
Sample ID: 460-0004724-050
Misc. Info.:
Operator: Instrument ID: CPESTGC8
Injection Vol: 1.0 ul ALS Bottle#: 50
Lims Batch ID: 181958 Lims Sample ID: 50
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\GC8_8082LVI.m
Last Update: 18-Sep-2013 11:35:21 Calib Date: 26-Aug-2013 16:57:49
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC8\20130826-3994.b\QR096838.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK034

First Level Reviewer: patelji Date: 18-Sep-2013 10:05:25

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.101	2.111	-0.010	76525164	111.1	
2	1.522	1.521	0.001	137839524	129.1	
					RPD = 14.97	
1 PCB-1016						M
1	2.800	2.811	-0.011	14186079	1041.9	
1	3.430	3.446	-0.016	29568831	1170.0	
1	4.268	4.284	-0.016	56463610	1086.1	
1	5.338	5.357	-0.019	19409670	1177.2	M
1	5.548	5.567	-0.019	19856184	1064.0	
		Average of Peak Amounts =			1107.8	
2	1.940	1.940	0.0	25470795	987.6	M
2	2.369	2.369	0.0	50881022	1253.3	
2	2.953	2.955	-0.002	106620434	1227.5	M
2	3.136	3.136	0.0	44340170	1299.0	M
2	3.807	3.811	-0.004	44773650	1319.1	
		Average of Peak Amounts =			1217.3	
					RPD = 9.41	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	7.510	7.532	-0.022	42472503	1125.2	
1	7.943	7.966	-0.023	55970840	1048.4	
1	9.002	9.032	-0.030	46071709	989.8	
1	10.118	10.133	-0.015	83184436	990.2	
1	11.009	11.034	-0.025	17105011	877.3	
		Average of Peak Amounts =			1006.2	
2	5.823	5.831	-0.008	61897174	1261.8	M
2	7.305	7.316	-0.011	54433227	1120.3	M
2	7.906	7.916	-0.010	144398027	1110.8	
2	8.513	8.522	-0.009	63830869	1195.3	
2	9.912	9.920	-0.008	41115292	1115.5	
		Average of Peak Amounts =			1160.8	
					RPD = 14.27	
$ 5 DCB Decachlorobiphenyl						
1	11.461	11.503	-0.042	40392827	82.1	
2	10.474	10.483	-0.009	78719642	94.7	
					RPD = 14.21	

QC Flag Legend

Review Flags
M - Manually Integrated

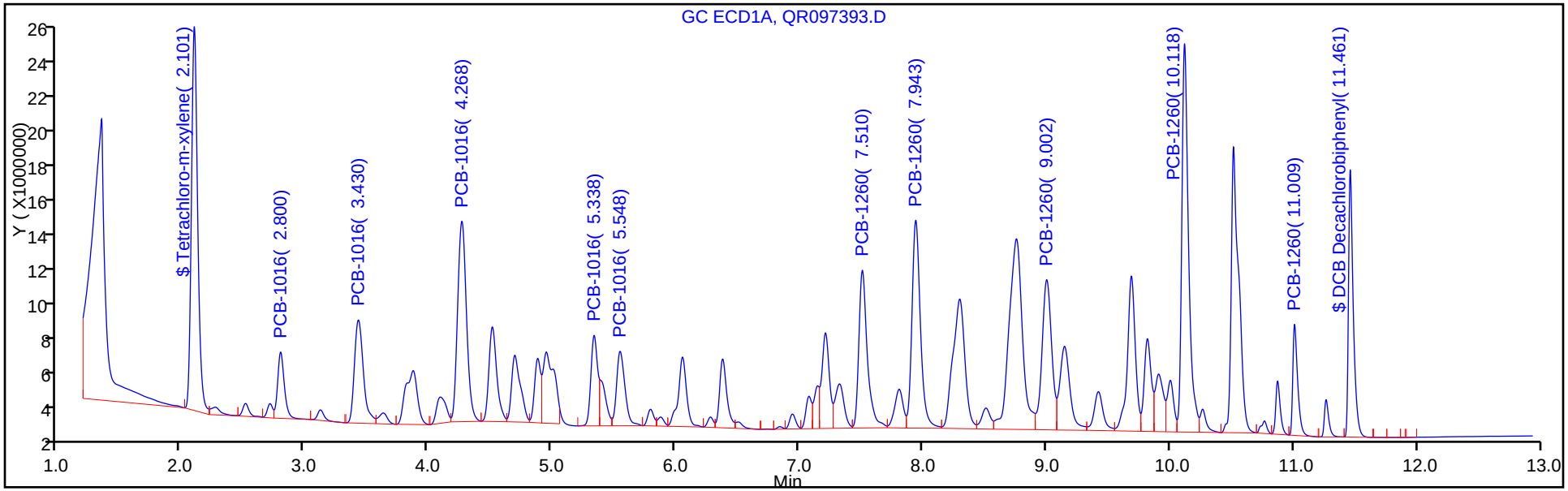
Report Date: 18-Sep-2013 11:35:31 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

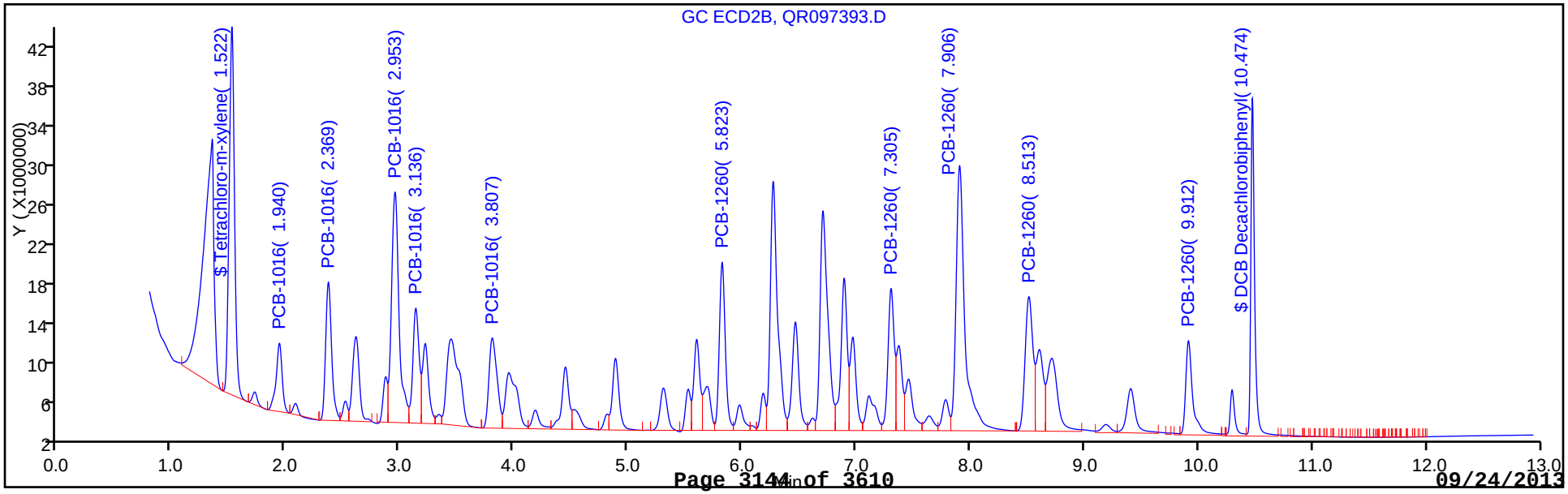
Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097393.D

Injection Date:	18-Sep-2013 02:40:04	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



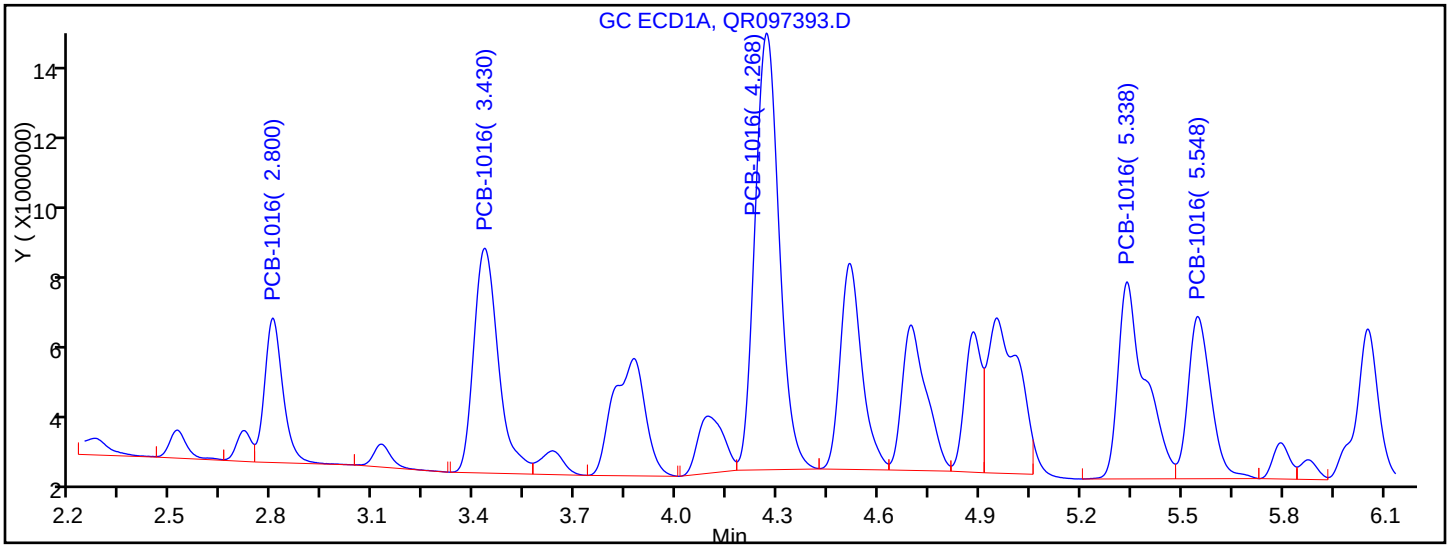
Report Date: 18-Sep-2013 11:35:31 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097393.D

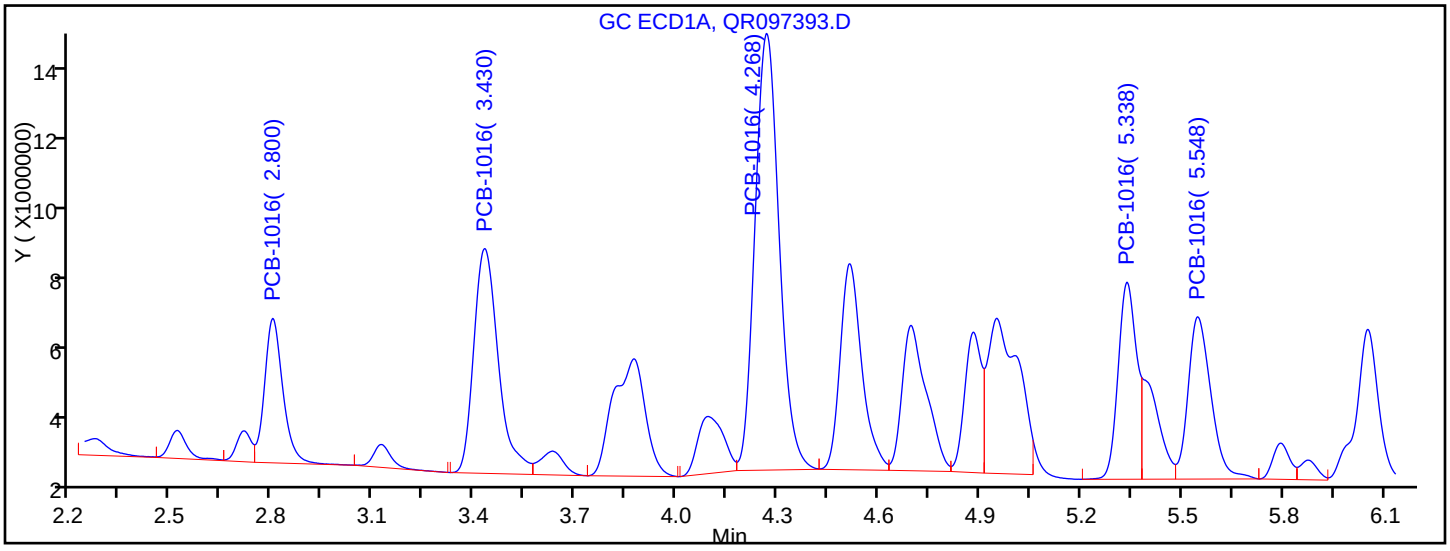
Injection Date:	18-Sep-2013 02:40:04	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

1 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 2.800	Response = 14186079	
RT = 3.430	Response = 29568831	
RT = 4.268	Response = 56463610	
RT = 5.338	Response = 28562162	M
RT = 5.548	Response = 19856184	



Manual Integration Results

RT = 2.800	Response = 14186079	
RT = 3.430	Response = 29568831	
RT = 4.268	Response = 56463610	
RT = 5.338	Response = 19409670	M
RT = 5.548	Response = 19856184	

Reviewer: patelji, 18-Sep-2013 10:05:25

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-181488/3-A

Matrix: Water Lab File ID: QR097393.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3510C Date Extracted: 09/16/2013 08:47

Sample wt/vol: 125(mL) Date Analyzed: 09/18/2013 02:40

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181958 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.74		0.40	0.27
11096-82-5	Aroclor 1260	9.29		0.40	0.21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		37-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097393.D		
Lims ID:	LCSD 460-181488/3-A	Client ID:	
Inject. Date:	18-Sep-2013 02:40:04	Dil. Factor:	1.0000
Sample Type:	LCSD		
Sample ID:	460-0004724-050		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	50
Lims Batch ID:	181958	Lims Sample ID:	50
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\GC8_8082LVI.m		
Last Update:	18-Sep-2013 11:35:21	Calib Date:	26-Aug-2013 16:57:49
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130826-3994.b\QR096838.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK034		

First Level Reviewer: patelji Date: 18-Sep-2013 10:05:25

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.101	2.111	-0.010	76525164	111.1	
2	1.522	1.521	0.001	137839524	129.1	
					RPD = 14.97	
1 PCB-1016						M
1	2.800	2.811	-0.011	14186079	1041.9	
1	3.430	3.446	-0.016	29568831	1170.0	
1	4.268	4.284	-0.016	56463610	1086.1	
1	5.338	5.357	-0.019	19409670	1177.2	M
1	5.548	5.567	-0.019	19856184	1064.0	
		Average of Peak Amounts =			1107.8	
2	1.940	1.940	0.0	25470795	987.6	M
2	2.369	2.369	0.0	50881022	1253.3	
2	2.953	2.955	-0.002	106620434	1227.5	M
2	3.136	3.136	0.0	44340170	1299.0	M
2	3.807	3.811	-0.004	44773650	1319.1	
		Average of Peak Amounts =			1217.3	
					RPD = 9.41	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	7.510	7.532	-0.022	42472503	1125.2	
1	7.943	7.966	-0.023	55970840	1048.4	
1	9.002	9.032	-0.030	46071709	989.8	
1	10.118	10.133	-0.015	83184436	990.2	
1	11.009	11.034	-0.025	17105011	877.3	
		Average of Peak Amounts =			1006.2	
2	5.823	5.831	-0.008	61897174	1261.8	M
2	7.305	7.316	-0.011	54433227	1120.3	M
2	7.906	7.916	-0.010	144398027	1110.8	
2	8.513	8.522	-0.009	63830869	1195.3	
2	9.912	9.920	-0.008	41115292	1115.5	
		Average of Peak Amounts =			1160.8	
					RPD = 14.27	
$ 5 DCB Decachlorobiphenyl						
1	11.461	11.503	-0.042	40392827	82.1	
2	10.474	10.483	-0.009	78719642	94.7	
					RPD = 14.21	

QC Flag Legend

Review Flags
M - Manually Integrated

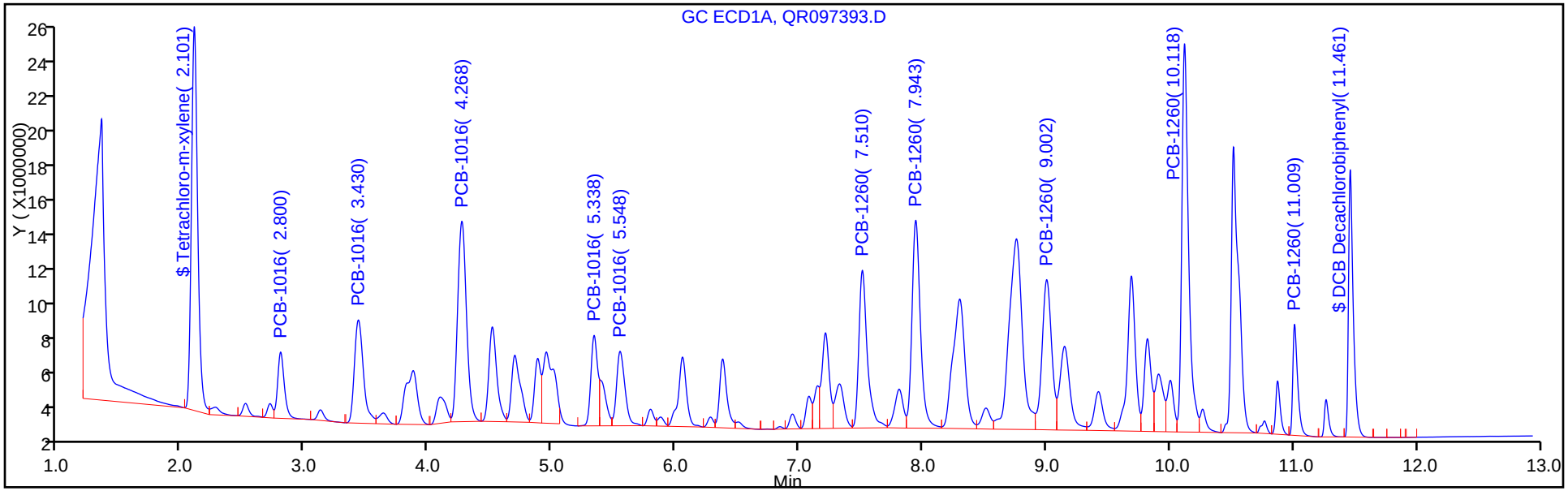
Report Date: 18-Sep-2013 11:35:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

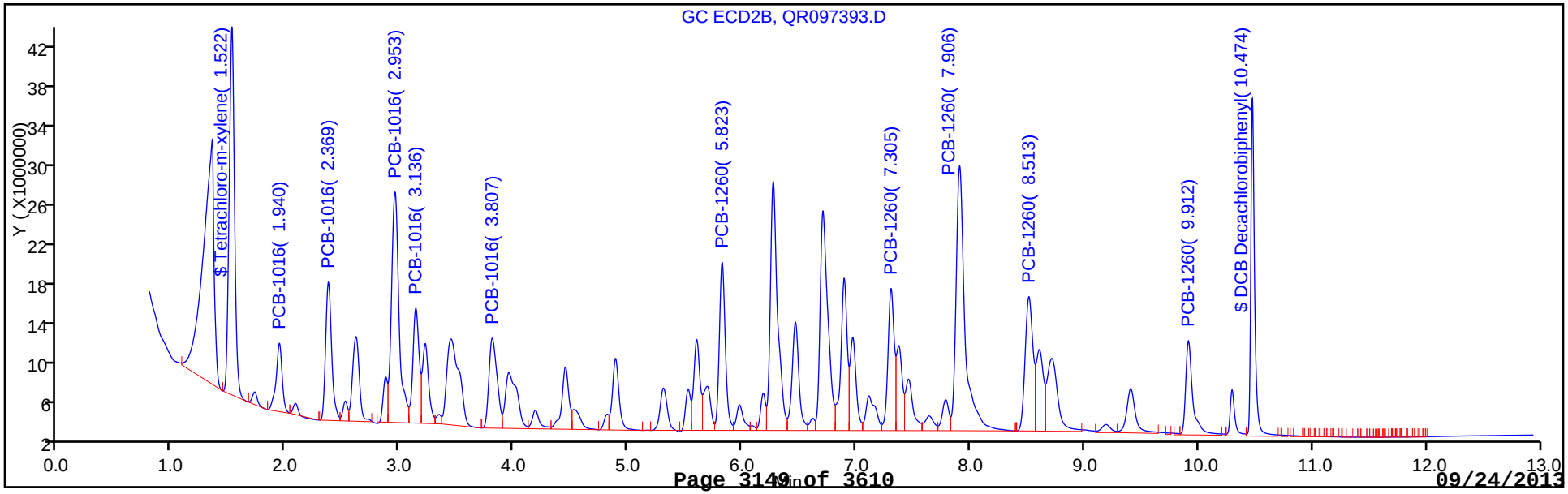
Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097393.D

Injection Date:	18-Sep-2013 02:40:04	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



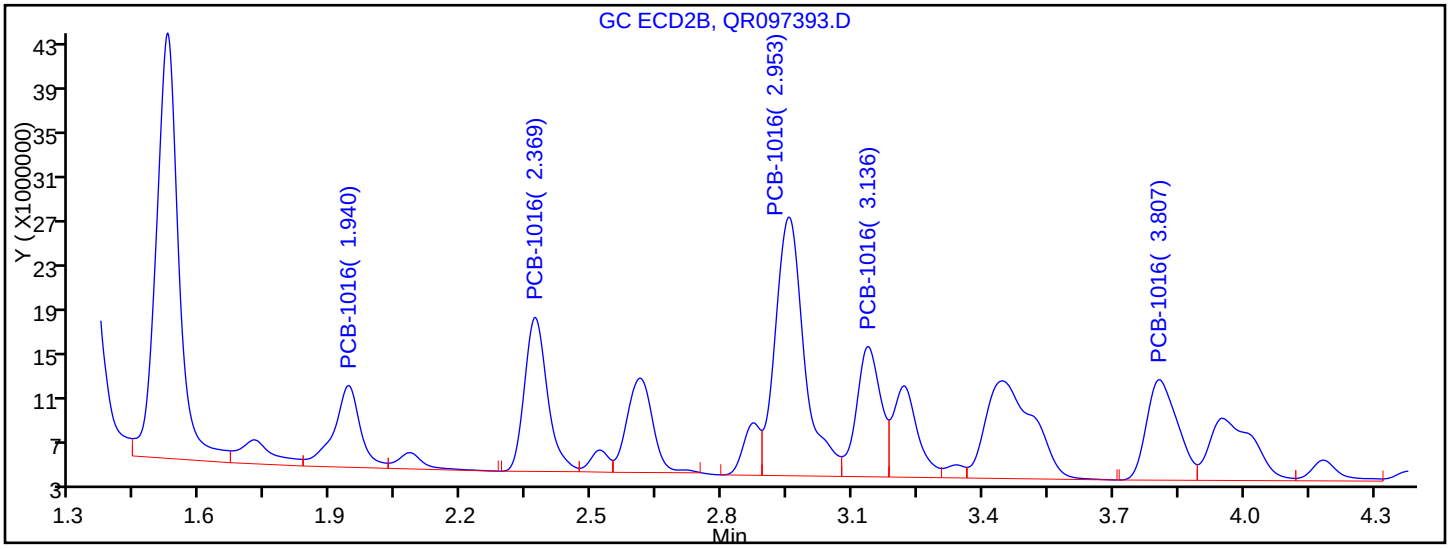
Report Date: 18-Sep-2013 11:35:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097393.D

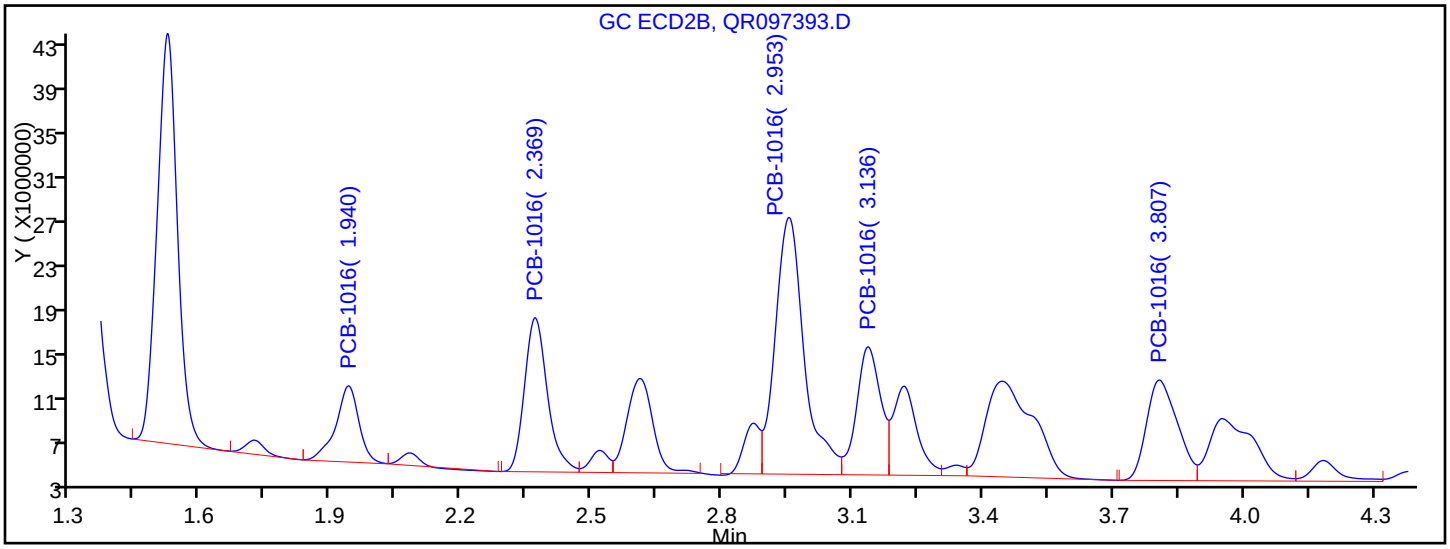
Injection Date:	18-Sep-2013 02:40:04	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

1 PCB-1016, Detector: 2, GC ECD2B



Processing Integration Results

RT = 1.940	Response = 31341019	M
RT = 2.369	Response = 50881022	
RT = 2.953	Response = 108525717	M
RT = 3.136	Response = 45613022	M
RT = 3.807	Response = 44773650	



Manual Integration Results

RT = 1.940	Response = 25470795	M
RT = 2.369	Response = 50881022	
RT = 2.953	Response = 106620434	M
RT = 3.136	Response = 44340170	M
RT = 3.807	Response = 44773650	

Reviewer: patelji, 18-Sep-2013 10:05:25

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

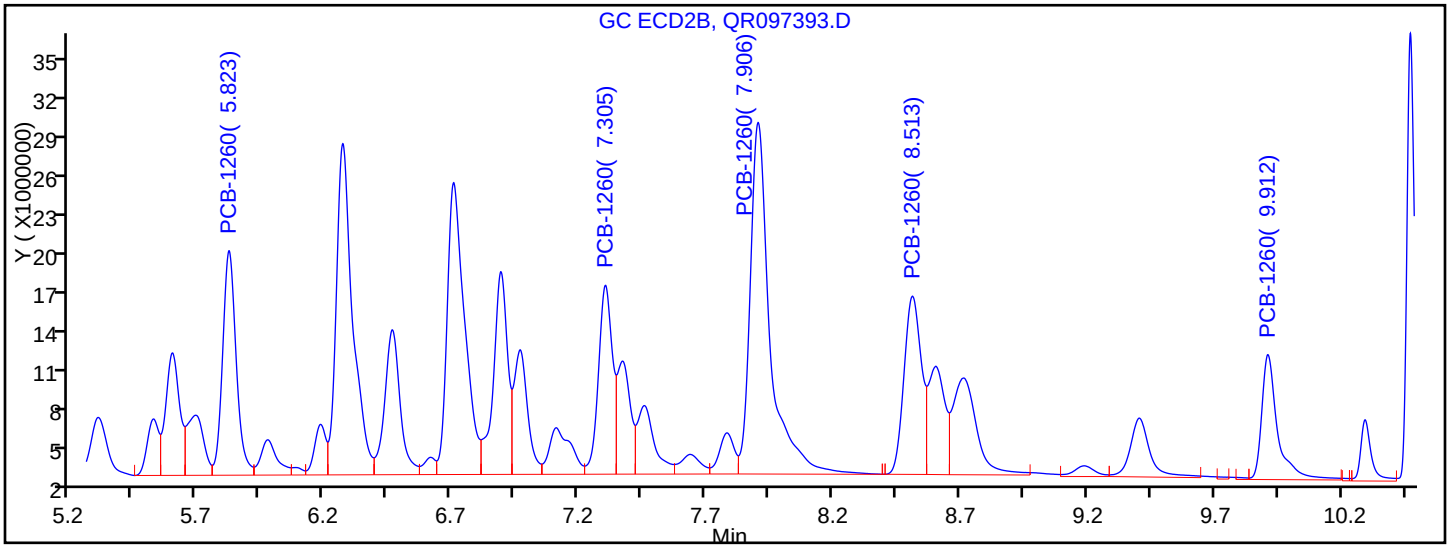
Report Date: 18-Sep-2013 11:35:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097393.D

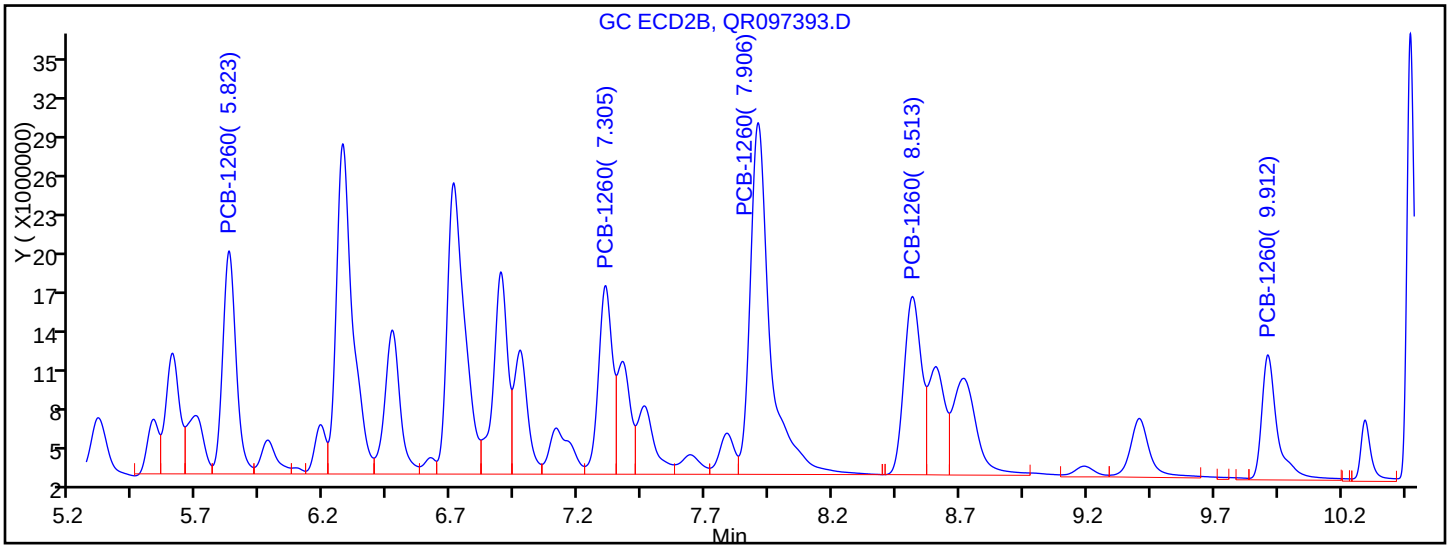
Injection Date:	18-Sep-2013 02:40:04	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 PCB-1260, Detector: 2, GC ECD2B



Processing Integration Results

RT = 5.823	Response = 63086680	M
RT = 7.305	Response = 54613482	M
RT = 7.906	Response = 144398027	
RT = 8.513	Response = 63830869	
RT = 9.912	Response = 41115292	



Manual Integration Results

RT = 5.823	Response = 61897174	M
RT = 7.305	Response = 54433227	M
RT = 7.906	Response = 144398027	
RT = 8.513	Response = 63830869	
RT = 9.912	Response = 41115292	

Reviewer: patelji, 18-Sep-2013 10:05:25

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-VD MS | Lab Sample ID: 460-62993-1 MS

Matrix: Solid | Lab File ID: OR208151.D

Analysis Method: 8082 | Date Collected: 09/13/2013 08:20

Extraction Method: 3546 | Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.02(g) | Date Analyzed: 09/17/2013 15:38

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*316*		*71*	*16*
11104-28-2	*Aroclor 1221*	*16*	*U*	*71*	*16*
11141-16-5	*Aroclor 1232*	*16*	*U*	*71*	*16*
53469-21-9	*Aroclor 1242*	*16*	*U*	*71*	*16*
12672-29-6	*Aroclor 1248*	*16*	*U*	*71*	*16*
11097-69-1	*Aroclor 1254*	*20*	*U*	*71*	*20*
11096-82-5	Aroclor 1260	319		71	20
37324-23-5	*Aroclor 1262*	*20*	*U*	*71*	*20*
11100-14-4	*Aroclor 1268*	*20*	*U*	*71*	*20*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	90		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-VD MS Lab Sample ID: 460-62993-1 MS

Matrix: Solid Lab File ID: OR208151.D

Analysis Method: 8082 Date Collected: 09/13/2013 08:20

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.02(g) Date Analyzed: 09/17/2013 15:38

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	337		71	16
11104-28-2	Aroclor 1221	16	U	71	16
11141-16-5	Aroclor 1232	16	U	71	16
53469-21-9	Aroclor 1242	16	U	71	16
12672-29-6	Aroclor 1248	16	U	71	16
11097-69-1	Aroclor 1254	20	U	71	20
11096-82-5	*Aroclor 1260*	*312*		*71*	*20*
37324-23-5	Aroclor 1262	20	U	71	20
11100-14-4	Aroclor 1268	20	U	71	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-SI MS | Lab Sample ID: 460-62993-21 MS

Matrix: Solid | Lab File ID: OR208215.D

Analysis Method: 8082 | Date Collected: 09/13/2013 10:20

Extraction Method: 3546 | Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.01(g) | Date Analyzed: 09/18/2013 11:12

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-SI MS | Lab Sample ID: 460-62993-21 MS

Matrix: Solid | Lab File ID: OR208215.D

Analysis Method: 8082 | Date Collected: 09/13/2013 10:20

Extraction Method: 3546 | Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.01(g) | Date Analyzed: 09/18/2013 11:12

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	360	U	1600	360
11104-28-2	Aroclor 1221	360	U	1600	360
11141-16-5	Aroclor 1232	360	U	1600	360
53469-21-9	Aroclor 1242	360	U	1600	360
12672-29-6	Aroclor 1248	360	U	1600	360
11097-69-1	Aroclor 1254	450	U	1600	450
11096-82-5	Aroclor 1260	450	U	1600	450
37324-23-5	Aroclor 1262	450	U	1600	450
11100-14-4	Aroclor 1268	450	U	1600	450

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-63014-A-1-H MS

Matrix: Solid Lab File ID: T023128.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/17/2013 04:50

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 09:54

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 17.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181717 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	347		81	18
11104-28-2	*Aroclor 1221*	*18*	*U*	*81*	*18*
11141-16-5	*Aroclor 1232*	*18*	*U*	*81*	*18*
53469-21-9	*Aroclor 1242*	*18*	*U*	*81*	*18*
12672-29-6	*Aroclor 1248*	*18*	*U*	*81*	*18*
11097-69-1	*Aroclor 1254*	*23*	*U*	*81*	*23*
11096-82-5	Aroclor 1260	359		81	23
37324-23-5	*Aroclor 1262*	*23*	*U*	*81*	*23*
11100-14-4	*Aroclor 1268*	*23*	*U*	*81*	*23*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-63014-A-1-H MS

Matrix: Solid | Lab File ID: T023128.D

Analysis Method: 8082 | Date Collected:

Extraction Method: 3546 | Date Extracted: 09/17/2013 04:50

Sample wt/vol: 15.00(g) | Date Analyzed: 09/17/2013 09:54

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 17.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181717 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*318*		*81*	*18*
11104-28-2	Aroclor 1221	18	U	81	18
11141-16-5	Aroclor 1232	18	U	81	18
53469-21-9	Aroclor 1242	18	U	81	18
12672-29-6	Aroclor 1248	18	U	81	18
11097-69-1	Aroclor 1254	23	U	81	23
11096-82-5	*Aroclor 1260*	*313*		*81*	*23*
37324-23-5	Aroclor 1262	23	U	81	23
11100-14-4	Aroclor 1268	23	U	81	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	119		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-VD MSD | Lab Sample ID: 460-62993-1 MSD

Matrix: Solid | Lab File ID: OR208152.D

Analysis Method: 8082 | Date Collected: 09/13/2013 08:20

Extraction Method: 3546 | Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.04(g) | Date Analyzed: 09/17/2013 15:55

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*334*		*70*	*16*
11104-28-2	*Aroclor 1221*	*16*	*U*	*70*	*16*
11141-16-5	*Aroclor 1232*	*16*	*U*	*70*	*16*
53469-21-9	*Aroclor 1242*	*16*	*U*	*70*	*16*
12672-29-6	*Aroclor 1248*	*16*	*U*	*70*	*16*
11097-69-1	*Aroclor 1254*	*20*	*U*	*70*	*20*
11096-82-5	Aroclor 1260	333		70	20
37324-23-5	*Aroclor 1262*	*20*	*U*	*70*	*20*
11100-14-4	*Aroclor 1268*	*20*	*U*	*70*	*20*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-VD MSD Lab Sample ID: 460-62993-1 MSD

Matrix: Solid Lab File ID: OR208152.D

Analysis Method: 8082 Date Collected: 09/13/2013 08:20

Extraction Method: 3546 Date Extracted: 09/17/2013 04:59

Sample wt/vol: 15.04(g) Date Analyzed: 09/17/2013 15:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181786 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	337		70	16
11104-28-2	Aroclor 1221	16	U	70	16
11141-16-5	Aroclor 1232	16	U	70	16
53469-21-9	Aroclor 1242	16	U	70	16
12672-29-6	Aroclor 1248	16	U	70	16
11097-69-1	Aroclor 1254	20	U	70	20
11096-82-5	*Aroclor 1260*	*321*		*70*	*20*
37324-23-5	Aroclor 1262	20	U	70	20
11100-14-4	Aroclor 1268	20	U	70	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-SI MSD Lab Sample ID: 460-62993-21 MSD

Matrix: Solid Lab File ID: OR208216.D

Analysis Method: 8082 Date Collected: 09/13/2013 10:20

Extraction Method: 3546 Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.04(g) Date Analyzed: 09/18/2013 11:28

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-SI MSD | Lab Sample ID: 460-62993-21 MSD

Matrix: Solid | Lab File ID: OR208216.D

Analysis Method: 8082 | Date Collected: 09/13/2013 10:20

Extraction Method: 3546 | Date Extracted: 09/17/2013 05:03

Sample wt/vol: 15.04(g) | Date Analyzed: 09/18/2013 11:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181943 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	360	U	1600	360
11104-28-2	Aroclor 1221	360	U	1600	360
11141-16-5	Aroclor 1232	360	U	1600	360
53469-21-9	Aroclor 1242	360	U	1600	360
12672-29-6	Aroclor 1248	360	U	1600	360
11097-69-1	Aroclor 1254	450	U	1600	450
11096-82-5	Aroclor 1260	450	U	1600	450
37324-23-5	Aroclor 1262	450	U	1600	450
11100-14-4	Aroclor 1268	450	U	1600	450

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X	45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-63014-A-1-I MSD

Matrix: Solid Lab File ID: T023129.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/17/2013 04:50

Sample wt/vol: 15.03(g) Date Analyzed: 09/17/2013 10:13

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 17.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181717 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	330		81	18
11104-28-2	*Aroclor 1221*	*18*	*U*	*81*	*18*
11141-16-5	*Aroclor 1232*	*18*	*U*	*81*	*18*
53469-21-9	*Aroclor 1242*	*18*	*U*	*81*	*18*
12672-29-6	*Aroclor 1248*	*18*	*U*	*81*	*18*
11097-69-1	*Aroclor 1254*	*23*	*U*	*81*	*23*
11096-82-5	Aroclor 1260	395		81	23
37324-23-5	*Aroclor 1262*	*23*	*U*	*81*	*23*
11100-14-4	*Aroclor 1268*	*23*	*U*	*81*	*23*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-63014-A-1-I MSD

Matrix: Solid | Lab File ID: T023129.D

Analysis Method: 8082 | Date Collected:

Extraction Method: 3546 | Date Extracted: 09/17/2013 04:50

Sample wt/vol: 15.03(g) | Date Analyzed: 09/17/2013 10:13

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 17.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181717 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*312*		*81*	*18*
11104-28-2	Aroclor 1221	18	U	81	18
11141-16-5	Aroclor 1232	18	U	81	18
53469-21-9	Aroclor 1242	18	U	81	18
12672-29-6	Aroclor 1248	18	U	81	18
11097-69-1	Aroclor 1254	23	U	81	23
11096-82-5	*Aroclor 1260*	*309*		*81*	*23*
37324-23-5	Aroclor 1262	23	U	81	23
11100-14-4	Aroclor 1268	23	U	81	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	78		45-138

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 09/16/2013 12:11

Analysis Batch Number: 181558 End Date: 09/16/2013 16:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-181558/1		09/16/2013 12:11	1		CLP-2 0.53(mm)
PIBLK 460-181558/1		09/16/2013 12:11	1		CLP-1 0.53(mm)
IC 460-181558/2		09/16/2013 12:31	1	T023089.D	CLP-2 0.53(mm)
IC 460-181558/2		09/16/2013 12:31	1	T023089.D	CLP-1 0.53(mm)
IC 460-181558/3		09/16/2013 12:50	1	T023090.D	CLP-2 0.53(mm)
IC 460-181558/3		09/16/2013 12:50	1	T023090.D	CLP-1 0.53(mm)
IC 460-181558/4 ICRT		09/16/2013 13:07	1	T023091.D	CLP-2 0.53(mm)
IC 460-181558/4 ICRT		09/16/2013 13:07	1	T023091.D	CLP-1 0.53(mm)
IC 460-181558/5		09/16/2013 13:26	1	T023092.D	CLP-2 0.53(mm)
IC 460-181558/5		09/16/2013 13:26	1	T023092.D	CLP-1 0.53(mm)
IC 460-181558/6		09/16/2013 13:45	1	T023093.D	CLP-2 0.53(mm)
IC 460-181558/6		09/16/2013 13:45	1	T023093.D	CLP-1 0.53(mm)
IC 460-181558/7		09/16/2013 14:04	1	T023094.D	CLP-2 0.53(mm)
IC 460-181558/7		09/16/2013 14:04	1	T023094.D	CLP-1 0.53(mm)
IC 460-181558/8		09/16/2013 14:23	1	T023095.D	CLP-2 0.53(mm)
IC 460-181558/8		09/16/2013 14:23	1	T023095.D	CLP-1 0.53(mm)
IC 460-181558/9		09/16/2013 14:41	1	T023096.D	CLP-2 0.53(mm)
IC 460-181558/9		09/16/2013 14:41	1	T023096.D	CLP-1 0.53(mm)
IC 460-181558/10		09/16/2013 15:00	1	T023097.D	CLP-2 0.53(mm)
IC 460-181558/10		09/16/2013 15:00	1	T023097.D	CLP-1 0.53(mm)
IC 460-181558/11		09/16/2013 15:19	1	T023098.D	CLP-2 0.53(mm)
IC 460-181558/11		09/16/2013 15:19	1	T023098.D	CLP-1 0.53(mm)
IC 460-181558/12		09/16/2013 15:38	1	T023099.D	CLP-2 0.53(mm)
IC 460-181558/12		09/16/2013 15:38	1	T023099.D	CLP-1 0.53(mm)
IC 460-181558/13		09/16/2013 15:56	1	T023100.D	CLP-2 0.53(mm)
IC 460-181558/13		09/16/2013 15:56	1	T023100.D	CLP-1 0.53(mm)
ICV 460-181558/14		09/16/2013 16:10	1		CLP-2 0.53(mm)
ICV 460-181558/14		09/16/2013 16:10	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 09/17/2013 07:52

Analysis Batch Number: 181717 End Date: 09/17/2013 12:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/17/2013 07:52	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 07:52	1		CLP-1 0.53(mm)
CCV 460-181717/2		09/17/2013 08:11	1	T023123.D	CLP-2 0.53(mm)
CCV 460-181717/2		09/17/2013 08:11	1	T023123.D	CLP-1 0.53(mm)
MB 460-181667/1-A		09/17/2013 08:38	1	T023124.D	CLP-2 0.53(mm)
MB 460-181667/1-A		09/17/2013 08:38	1	T023124.D	CLP-1 0.53(mm)
LCS 460-181667/2-A		09/17/2013 08:57	1	T023125.D	CLP-2 0.53(mm)
LCS 460-181667/2-A		09/17/2013 08:57	1	T023125.D	CLP-1 0.53(mm)
ZZZZZ		09/17/2013 09:16	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 09:16	1		CLP-1 0.53(mm)
ZZZZZ		09/17/2013 09:35	2		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 09:35	2		CLP-1 0.53(mm)
460-63014-A-1-H MS		09/17/2013 09:54	1	T023128.D	CLP-2 0.53(mm)
460-63014-A-1-H MS		09/17/2013 09:54	1	T023128.D	CLP-1 0.53(mm)
460-63014-A-1-I MSD		09/17/2013 10:13	1	T023129.D	CLP-2 0.53(mm)
460-63014-A-1-I MSD		09/17/2013 10:13	1	T023129.D	CLP-1 0.53(mm)
ZZZZZ		09/17/2013 10:30	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 10:30	1		CLP-1 0.53(mm)
ZZZZZ		09/17/2013 10:48	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 10:48	1		CLP-1 0.53(mm)
ZZZZZ		09/17/2013 11:07	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 11:07	1		CLP-1 0.53(mm)
ZZZZZ		09/17/2013 11:26	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 11:26	1		CLP-1 0.53(mm)
ZZZZZ		09/17/2013 11:45	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 11:45	1		CLP-1 0.53(mm)
CCV 460-181717/14		09/17/2013 12:00	1	T023135.D	CLP-2 0.53(mm)
CCV 460-181717/14		09/17/2013 12:00	1	T023135.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CPESTGC7 Start Date: 09/13/2013 10:57

Analysis Batch Number: 181156 End Date: 09/13/2013 14:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-181156/1		09/13/2013 10:57	1		CLP-2 0.53(mm)
PIBLK 460-181156/1		09/13/2013 10:57	1		CLP-1 0.53(mm)
IC 460-181156/2		09/13/2013 11:13	1	OR207936.D	CLP-2 0.53(mm)
IC 460-181156/2		09/13/2013 11:13	1	OR207936.D	CLP-1 0.53(mm)
IC 460-181156/3		09/13/2013 11:29	1	OR207937.D	CLP-2 0.53(mm)
IC 460-181156/3		09/13/2013 11:29	1	OR207937.D	CLP-1 0.53(mm)
IC 460-181156/4 ICRT		09/13/2013 11:46	1	OR207938.D	CLP-2 0.53(mm)
IC 460-181156/4 ICRT		09/13/2013 11:46	1	OR207938.D	CLP-1 0.53(mm)
IC 460-181156/5		09/13/2013 12:03	1	OR207939.D	CLP-2 0.53(mm)
IC 460-181156/5		09/13/2013 12:03	1	OR207939.D	CLP-1 0.53(mm)
IC 460-181156/6		09/13/2013 12:20	1	OR207940.D	CLP-2 0.53(mm)
IC 460-181156/6		09/13/2013 12:20	1	OR207940.D	CLP-1 0.53(mm)
IC 460-181156/7		09/13/2013 12:37	1	OR207941.D	CLP-2 0.53(mm)
IC 460-181156/7		09/13/2013 12:37	1	OR207941.D	CLP-1 0.53(mm)
IC 460-181156/8		09/13/2013 12:54	1	OR207942.D	CLP-2 0.53(mm)
IC 460-181156/8		09/13/2013 12:54	1	OR207942.D	CLP-1 0.53(mm)
IC 460-181156/9		09/13/2013 13:10	1	OR207943.D	CLP-2 0.53(mm)
IC 460-181156/9		09/13/2013 13:10	1	OR207943.D	CLP-1 0.53(mm)
IC 460-181156/10		09/13/2013 13:26	1	OR207944.D	CLP-2 0.53(mm)
IC 460-181156/10		09/13/2013 13:26	1	OR207944.D	CLP-1 0.53(mm)
IC 460-181156/11		09/13/2013 13:42	1	OR207945.D	CLP-2 0.53(mm)
IC 460-181156/11		09/13/2013 13:42	1	OR207945.D	CLP-1 0.53(mm)
IC 460-181156/12		09/13/2013 13:58	1	OR207946.D	CLP-2 0.53(mm)
IC 460-181156/12		09/13/2013 13:58	1	OR207946.D	CLP-1 0.53(mm)
IC 460-181156/13		09/13/2013 14:15	1	OR207947.D	CLP-2 0.53(mm)
IC 460-181156/13		09/13/2013 14:15	1	OR207947.D	CLP-1 0.53(mm)
ICV 460-181156/14		09/13/2013 14:32	1		CLP-2 0.53(mm)
ICV 460-181156/14		09/13/2013 14:32	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CPESTGC7 Start Date: 09/17/2013 12:50

Analysis Batch Number: 181779 End Date: 09/17/2013 14:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-181779/17		09/17/2013 12:50	1	OR208143.D	CLP-2 0.53(mm)
CCV 460-181779/17		09/17/2013 12:50	1	OR208143.D	CLP-1 0.53(mm)
460-62993-41	DUP1-091313	09/17/2013 13:23	1	OR208144.D	CLP-2 0.53(mm)
460-62993-41	DUP1-091313	09/17/2013 13:23	1	OR208144.D	CLP-1 0.53(mm)
460-62993-42	DUP2-091313	09/17/2013 13:40	1	OR208145.D	CLP-2 0.53(mm)
460-62993-42	DUP2-091313	09/17/2013 13:40	1	OR208145.D	CLP-1 0.53(mm)
460-62993-43	DUP3-091313	09/17/2013 13:57	1	OR208146.D	CLP-2 0.53(mm)
460-62993-43	DUP3-091313	09/17/2013 13:57	1	OR208146.D	CLP-1 0.53(mm)
CCV 460-181779/21		09/17/2013 14:13	1	OR208147.D	CLP-2 0.53(mm)
CCV 460-181779/21		09/17/2013 14:13	1	OR208147.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CPESTGC7 Start Date: 09/17/2013 14:13

Analysis Batch Number: 181786 End Date: 09/17/2013 21:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-181786/21		09/17/2013 14:13	1	OR208147.D	CLP-2 0.53(mm)
CCV 460-181786/21		09/17/2013 14:13	1	OR208147.D	CLP-1 0.53(mm)
460-62993-1	PMP-6SE-VD	09/17/2013 14:49	1	OR208148.D	CLP-2 0.53(mm)
460-62993-1	PMP-6SE-VD	09/17/2013 14:49	1	OR208148.D	CLP-1 0.53(mm)
MB 460-181668/1-A		09/17/2013 15:05	1	OR208149.D	CLP-2 0.53(mm)
MB 460-181668/1-A		09/17/2013 15:05	1	OR208149.D	CLP-1 0.53(mm)
LCS 460-181668/2-A		09/17/2013 15:22	1	OR208150.D	CLP-2 0.53(mm)
LCS 460-181668/2-A		09/17/2013 15:22	1	OR208150.D	CLP-1 0.53(mm)
460-62993-1 MS	PMP-6SE-VD MS	09/17/2013 15:38	1	OR208151.D	CLP-2 0.53(mm)
460-62993-1 MS	PMP-6SE-VD MS	09/17/2013 15:38	1	OR208151.D	CLP-1 0.53(mm)
460-62993-1 MSD	PMP-6SE-VD MSD	09/17/2013 15:55	1	OR208152.D	CLP-2 0.53(mm)
460-62993-1 MSD	PMP-6SE-VD MSD	09/17/2013 15:55	1	OR208152.D	CLP-1 0.53(mm)
ZZZZZ		09/17/2013 16:11	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 16:11	1		CLP-1 0.53(mm)
ZZZZZ		09/17/2013 16:27	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 16:27	1		CLP-1 0.53(mm)
460-62993-4	PMP-5SE-VD	09/17/2013 16:44	1	OR208155.D	CLP-2 0.53(mm)
460-62993-4	PMP-5SE-VD	09/17/2013 16:44	1	OR208155.D	CLP-1 0.53(mm)
ZZZZZ		09/17/2013 17:00	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 17:00	1		CLP-1 0.53(mm)
ZZZZZ		09/17/2013 17:17	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 17:17	1		CLP-1 0.53(mm)
ZZZZZ		09/17/2013 17:34	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 17:34	1		CLP-1 0.53(mm)
460-62993-8	PMP-8SE-VD	09/17/2013 17:50	1	OR208159.D	CLP-2 0.53(mm)
460-62993-8	PMP-8SE-VD	09/17/2013 17:50	1	OR208159.D	CLP-1 0.53(mm)
460-62993-9	PMP-8SE-WT	09/17/2013 18:06	1	OR208160.D	CLP-2 0.53(mm)
460-62993-9	PMP-8SE-WT	09/17/2013 18:06	1	OR208160.D	CLP-1 0.53(mm)
ZZZZZ		09/17/2013 18:22	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 18:22	1		CLP-1 0.53(mm)
460-62993-11	PMP-4SE-VD	09/17/2013 18:39	1	OR208162.D	CLP-2 0.53(mm)
460-62993-11	PMP-4SE-VD	09/17/2013 18:39	1	OR208162.D	CLP-1 0.53(mm)
460-62993-12	PMP-4SE-WT	09/17/2013 18:55	1	OR208163.D	CLP-2 0.53(mm)
460-62993-12	PMP-4SE-WT	09/17/2013 18:55	1	OR208163.D	CLP-1 0.53(mm)
460-62993-13	PMP-14SE-VS	09/17/2013 19:11	1	OR208164.D	CLP-2 0.53(mm)
460-62993-13	PMP-14SE-VS	09/17/2013 19:11	1	OR208164.D	CLP-1 0.53(mm)
460-62993-14	PMP-14SE-VD	09/17/2013 19:28	1	OR208165.D	CLP-2 0.53(mm)
460-62993-14	PMP-14SE-VD	09/17/2013 19:28	1	OR208165.D	CLP-1 0.53(mm)
460-62993-15	PMP-14SE-WT	09/17/2013 19:45	1	OR208166.D	CLP-2 0.53(mm)
460-62993-15	PMP-14SE-WT	09/17/2013 19:45	1	OR208166.D	CLP-1 0.53(mm)
460-62993-16	PMP-25SE-VS	09/17/2013 20:01	1	OR208167.D	CLP-2 0.53(mm)
460-62993-16	PMP-25SE-VS	09/17/2013 20:01	1	OR208167.D	CLP-1 0.53(mm)
460-62993-17	PMP-25SE-VD	09/17/2013 20:17	1	OR208168.D	CLP-2 0.53(mm)
460-62993-17	PMP-25SE-VD	09/17/2013 20:17	1	OR208168.D	CLP-1 0.53(mm)
460-62993-18	PMP-25SE-WT	09/17/2013 20:34	1	OR208169.D	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CPESTGC7 Start Date: 09/17/2013 14:13

Analysis Batch Number: 181786 End Date: 09/17/2013 21:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-62993-18	PMP-25SE-WT	09/17/2013 20:34	1	OR208169.D	CLP-1 0.53(mm)
ZZZZZ		09/17/2013 20:50	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 20:50	1		CLP-1 0.53(mm)
ZZZZZ		09/17/2013 21:07	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 21:07	1		CLP-1 0.53(mm)
ZZZZZ		09/17/2013 21:23	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 21:23	1		CLP-1 0.53(mm)
CCV 460-181786/47		09/17/2013 21:39	1	OR208173.D	CLP-2 0.53(mm)
CCV 460-181786/47		09/17/2013 21:39	1	OR208173.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CPESTGC7 Start Date: 09/17/2013 21:56

Analysis Batch Number: 181811 End Date: 09/18/2013 05:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/17/2013 21:56	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 21:56	1		CLP-1 0.53(mm)
CCV 460-181811/49		09/17/2013 22:13	1	OR208175.D	CLP-2 0.53(mm)
CCV 460-181811/49		09/17/2013 22:13	1	OR208175.D	CLP-1 0.53(mm)
MB 460-181669/1-A		09/17/2013 22:29	1	OR208176.D	CLP-2 0.53(mm)
MB 460-181669/1-A		09/17/2013 22:29	1	OR208176.D	CLP-1 0.53(mm)
LCS 460-181669/2-A		09/17/2013 22:46	1	OR208177.D	CLP-2 0.53(mm)
LCS 460-181669/2-A		09/17/2013 22:46	1	OR208177.D	CLP-1 0.53(mm)
ZZZZZ		09/17/2013 23:03	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 23:03	1		CLP-1 0.53(mm)
ZZZZZ		09/17/2013 23:19	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 23:19	1		CLP-1 0.53(mm)
ZZZZZ		09/17/2013 23:35	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 23:35	1		CLP-1 0.53(mm)
460-62993-22	PMP-10SE-VD	09/17/2013 23:52	1	OR208181.D	CLP-2 0.53(mm)
460-62993-22	PMP-10SE-VD	09/17/2013 23:52	1	OR208181.D	CLP-1 0.53(mm)
460-62993-23	PMP-10SE-WT	09/18/2013 00:08	1	OR208182.D	CLP-2 0.53(mm)
460-62993-23	PMP-10SE-WT	09/18/2013 00:08	1	OR208182.D	CLP-1 0.53(mm)
460-62993-24	PMP-10SE-SI	09/18/2013 00:24	1	OR208183.D	CLP-2 0.53(mm)
460-62993-24	PMP-10SE-SI	09/18/2013 00:24	1	OR208183.D	CLP-1 0.53(mm)
460-62993-25	PMP-10SE-SD	09/18/2013 00:41	1	OR208184.D	CLP-2 0.53(mm)
460-62993-25	PMP-10SE-SD	09/18/2013 00:41	1	OR208184.D	CLP-1 0.53(mm)
460-62993-26	PMP-13SE-VD	09/18/2013 00:58	1	OR208185.D	CLP-2 0.53(mm)
460-62993-26	PMP-13SE-VD	09/18/2013 00:58	1	OR208185.D	CLP-1 0.53(mm)
ZZZZZ		09/18/2013 01:14	1		CLP-2 0.53(mm)
ZZZZZ		09/18/2013 01:14	1		CLP-1 0.53(mm)
460-62993-28	PMP-13SE-SI	09/18/2013 01:30	1	OR208187.D	CLP-2 0.53(mm)
460-62993-28	PMP-13SE-SI	09/18/2013 01:30	1	OR208187.D	CLP-1 0.53(mm)
460-62993-29	PMP-13SE-SD	09/18/2013 01:47	1	OR208188.D	CLP-2 0.53(mm)
460-62993-29	PMP-13SE-SD	09/18/2013 01:47	1	OR208188.D	CLP-1 0.53(mm)
460-62993-30	PMP-15SE-VD	09/18/2013 02:02	1	OR208189.D	CLP-2 0.53(mm)
460-62993-30	PMP-15SE-VD	09/18/2013 02:02	1	OR208189.D	CLP-1 0.53(mm)
460-62993-31	PMP-15SE-WT	09/18/2013 02:18	1	OR208190.D	CLP-2 0.53(mm)
460-62993-31	PMP-15SE-WT	09/18/2013 02:18	1	OR208190.D	CLP-1 0.53(mm)
460-62993-32	PMP-15SE-SI	09/18/2013 02:34	1	OR208191.D	CLP-2 0.53(mm)
460-62993-32	PMP-15SE-SI	09/18/2013 02:34	1	OR208191.D	CLP-1 0.53(mm)
460-62993-33	PMP-15SE-SD	09/18/2013 02:50	1	OR208192.D	CLP-2 0.53(mm)
460-62993-33	PMP-15SE-SD	09/18/2013 02:50	1	OR208192.D	CLP-1 0.53(mm)
460-62993-34	PMP-31SE-VS	09/18/2013 03:07	1	OR208193.D	CLP-2 0.53(mm)
460-62993-34	PMP-31SE-VS	09/18/2013 03:07	1	OR208193.D	CLP-1 0.53(mm)
460-62993-35	PMP-31SE-VD	09/18/2013 03:24	1	OR208194.D	CLP-2 0.53(mm)
460-62993-35	PMP-31SE-VD	09/18/2013 03:24	1	OR208194.D	CLP-1 0.53(mm)
460-62993-36	PMP-31SE-WT	09/18/2013 03:40	1	OR208195.D	CLP-2 0.53(mm)
460-62993-36	PMP-31SE-WT	09/18/2013 03:40	1	OR208195.D	CLP-1 0.53(mm)
460-62993-37	PMP-32SE-VS	09/18/2013 03:55	1	OR208196.D	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CPESTGC7 Start Date: 09/17/2013 21:56

Analysis Batch Number: 181811 End Date: 09/18/2013 05:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-62993-37	PMP-32SE-VS	09/18/2013 03:55	1	OR208196.D	CLP-1 0.53(mm)
460-62993-38	PMP-32SE-VD	09/18/2013 04:12	1	OR208197.D	CLP-2 0.53(mm)
460-62993-38	PMP-32SE-VD	09/18/2013 04:12	1	OR208197.D	CLP-1 0.53(mm)
460-62993-39	PMP-32SE-WT	09/18/2013 04:29	1	OR208198.D	CLP-2 0.53(mm)
460-62993-39	PMP-32SE-WT	09/18/2013 04:29	1	OR208198.D	CLP-1 0.53(mm)
460-62993-40	DUP-091313	09/18/2013 04:46	1	OR208199.D	CLP-2 0.53(mm)
460-62993-40	DUP-091313	09/18/2013 04:46	1	OR208199.D	CLP-1 0.53(mm)
ZZZZZ		09/18/2013 05:02	1		CLP-2 0.53(mm)
ZZZZZ		09/18/2013 05:02	1		CLP-1 0.53(mm)
CCV 460-181811/75		09/18/2013 05:19	1	OR208201.D	CLP-2 0.53(mm)
CCV 460-181811/75		09/18/2013 05:19	1	OR208201.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CPESTGC7 Start Date: 09/18/2013 07:46

Analysis Batch Number: 181943 End Date: 09/18/2013 12:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/18/2013 07:46	1		CLP-2 0.53(mm)
ZZZZZ		09/18/2013 07:46	1		CLP-1 0.53(mm)
CCV 460-181943/2		09/18/2013 08:04	1	OR208205.D	CLP-2 0.53(mm)
CCV 460-181943/2		09/18/2013 08:04	1	OR208205.D	CLP-1 0.53(mm)
460-62993-2	PMP-6SE-WT	09/18/2013 08:44	25	OR208206.D	CLP-2 0.53(mm)
460-62993-2	PMP-6SE-WT	09/18/2013 08:44	25	OR208206.D	CLP-1 0.53(mm)
460-62993-3	PMP-6SE-SI	09/18/2013 09:01	10	OR208207.D	CLP-2 0.53(mm)
460-62993-3	PMP-6SE-SI	09/18/2013 09:01	10	OR208207.D	CLP-1 0.53(mm)
460-62993-5	PMP-5SE-WT	09/18/2013 09:17	20	OR208208.D	CLP-2 0.53(mm)
460-62993-5	PMP-5SE-WT	09/18/2013 09:17	20	OR208208.D	CLP-1 0.53(mm)
460-62993-6	PMP-5SE-SI	09/18/2013 09:33	10	OR208209.D	CLP-2 0.53(mm)
460-62993-6	PMP-5SE-SI	09/18/2013 09:33	10	OR208209.D	CLP-1 0.53(mm)
ZZZZZ		09/18/2013 09:50	10		CLP-2 0.53(mm)
ZZZZZ		09/18/2013 09:50	10		CLP-1 0.53(mm)
460-62993-10	PMP-4SE-VS	09/18/2013 10:07	200	OR208211.D	CLP-2 0.53(mm)
460-62993-10	PMP-4SE-VS	09/18/2013 10:07	200	OR208211.D	CLP-1 0.53(mm)
460-62993-19	PMP-7SE-VD	09/18/2013 10:23	10	OR208212.D	CLP-2 0.53(mm)
460-62993-19	PMP-7SE-VD	09/18/2013 10:23	10	OR208212.D	CLP-1 0.53(mm)
460-62993-20	PMP-7SE-WT	09/18/2013 10:39	100	OR208213.D	CLP-2 0.53(mm)
460-62993-20	PMP-7SE-WT	09/18/2013 10:39	100	OR208213.D	CLP-1 0.53(mm)
460-62993-21	PMP-7SE-SI	09/18/2013 10:55	20	OR208214.D	CLP-2 0.53(mm)
460-62993-21	PMP-7SE-SI	09/18/2013 10:55	20	OR208214.D	CLP-1 0.53(mm)
460-62993-21 MS	PMP-7SE-SI MS	09/18/2013 11:12	20	OR208215.D	CLP-2 0.53(mm)
460-62993-21 MS	PMP-7SE-SI MS	09/18/2013 11:12	20	OR208215.D	CLP-1 0.53(mm)
460-62993-21 MSD	PMP-7SE-SI MSD	09/18/2013 11:28	20	OR208216.D	CLP-2 0.53(mm)
460-62993-21 MSD	PMP-7SE-SI MSD	09/18/2013 11:28	20	OR208216.D	CLP-1 0.53(mm)
460-62993-27	PMP-13SE-WT	09/18/2013 11:45	25	OR208217.D	CLP-2 0.53(mm)
460-62993-27	PMP-13SE-WT	09/18/2013 11:45	25	OR208217.D	CLP-1 0.53(mm)
460-62993-7	PMP-8SE-VS	09/18/2013 12:18	20	OR208218.D	CLP-2 0.53(mm)
460-62993-7	PMP-8SE-VS	09/18/2013 12:18	20	OR208218.D	CLP-1 0.53(mm)
CCV 460-181943/16		09/18/2013 12:35	1	OR208219.D	CLP-2 0.53(mm)
CCV 460-181943/16		09/18/2013 12:35	1	OR208219.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CPESTGC8 Start Date: 08/26/2013 12:55

Analysis Batch Number: 178195 End Date: 08/26/2013 17:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		08/26/2013 12:55	1		CLP-2 0.53(mm)
ZZZZZ		08/26/2013 12:55	1		CLP-1 0.53(mm)
PIBLK 460-178195/2		08/26/2013 13:42	1		CLP-2 0.53(mm)
PIBLK 460-178195/2		08/26/2013 13:42	1		CLP-1 0.53(mm)
IC 460-178195/3		08/26/2013 13:57	1	QR096827.D	CLP-2 0.53(mm)
IC 460-178195/3		08/26/2013 13:57	1	QR096827.D	CLP-1 0.53(mm)
IC 460-178195/4		08/26/2013 14:13	1	QR096828.D	CLP-2 0.53(mm)
IC 460-178195/4		08/26/2013 14:13	1	QR096828.D	CLP-1 0.53(mm)
IC 460-178195/5 ICRT		08/26/2013 14:30	1	QR096829.D	CLP-2 0.53(mm)
IC 460-178195/5 ICRT		08/26/2013 14:30	1	QR096829.D	CLP-1 0.53(mm)
IC 460-178195/6		08/26/2013 14:46	1	QR096830.D	CLP-2 0.53(mm)
IC 460-178195/6		08/26/2013 14:46	1	QR096830.D	CLP-1 0.53(mm)
IC 460-178195/7		08/26/2013 15:03	1	QR096831.D	CLP-2 0.53(mm)
IC 460-178195/7		08/26/2013 15:03	1	QR096831.D	CLP-1 0.53(mm)
IC 460-178195/8		08/26/2013 15:19	1	QR096832.D	CLP-2 0.53(mm)
IC 460-178195/8		08/26/2013 15:19	1	QR096832.D	CLP-1 0.53(mm)
IC 460-178195/9		08/26/2013 15:35	1	QR096833.D	CLP-2 0.53(mm)
IC 460-178195/9		08/26/2013 15:35	1	QR096833.D	CLP-1 0.53(mm)
IC 460-178195/10		08/26/2013 15:52	1	QR096834.D	CLP-2 0.53(mm)
IC 460-178195/10		08/26/2013 15:52	1	QR096834.D	CLP-1 0.53(mm)
IC 460-178195/11		08/26/2013 16:07	1	QR096835.D	CLP-2 0.53(mm)
IC 460-178195/11		08/26/2013 16:07	1	QR096835.D	CLP-1 0.53(mm)
IC 460-178195/12		08/26/2013 16:24	1	QR096836.D	CLP-2 0.53(mm)
IC 460-178195/12		08/26/2013 16:24	1	QR096836.D	CLP-1 0.53(mm)
IC 460-178195/13		08/26/2013 16:40	1	QR096837.D	CLP-2 0.53(mm)
IC 460-178195/13		08/26/2013 16:40	1	QR096837.D	CLP-1 0.53(mm)
IC 460-178195/14		08/26/2013 16:57	1	QR096838.D	CLP-2 0.53(mm)
IC 460-178195/14		08/26/2013 16:57	1	QR096838.D	CLP-1 0.53(mm)
ICV 460-178195/15		08/26/2013 17:14	1		CLP-2 0.53(mm)
ICV 460-178195/15		08/26/2013 17:14	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CPESTGC8 Start Date: 09/18/2013 01:34

Analysis Batch Number: 181958 End Date: 09/18/2013 06:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/18/2013 01:34	1		CLP-2 0.53(mm)
ZZZZZ		09/18/2013 01:34	1		CLP-1 0.53(mm)
CCV 460-181958/47		09/18/2013 01:50	1	QR097390.D	CLP-2 0.53(mm)
CCV 460-181958/47		09/18/2013 01:50	1	QR097390.D	CLP-1 0.53(mm)
MB 460-181488/1-A		09/18/2013 02:07	1	QR097391.D	CLP-2 0.53(mm)
MB 460-181488/1-A		09/18/2013 02:07	1	QR097391.D	CLP-1 0.53(mm)
LCS 460-181488/2-A		09/18/2013 02:24	1	QR097392.D	CLP-2 0.53(mm)
LCS 460-181488/2-A		09/18/2013 02:24	1	QR097392.D	CLP-1 0.53(mm)
LCSD 460-181488/3-A		09/18/2013 02:40	1	QR097393.D	CLP-2 0.53(mm)
LCSD 460-181488/3-A		09/18/2013 02:40	1	QR097393.D	CLP-1 0.53(mm)
ZZZZZ		09/18/2013 02:57	1		CLP-2 0.53(mm)
ZZZZZ		09/18/2013 02:57	1		CLP-1 0.53(mm)
ZZZZZ		09/18/2013 03:12	1		CLP-2 0.53(mm)
ZZZZZ		09/18/2013 03:12	1		CLP-1 0.53(mm)
ZZZZZ		09/18/2013 03:29	1		CLP-2 0.53(mm)
ZZZZZ		09/18/2013 03:29	1		CLP-1 0.53(mm)
ZZZZZ		09/18/2013 03:47	1		CLP-2 0.53(mm)
ZZZZZ		09/18/2013 03:47	1		CLP-1 0.53(mm)
ZZZZZ		09/18/2013 04:04	1		CLP-2 0.53(mm)
ZZZZZ		09/18/2013 04:04	1		CLP-1 0.53(mm)
ZZZZZ		09/18/2013 04:21	1		CLP-2 0.53(mm)
ZZZZZ		09/18/2013 04:21	1		CLP-1 0.53(mm)
ZZZZZ		09/18/2013 04:38	1		CLP-2 0.53(mm)
ZZZZZ		09/18/2013 04:38	1		CLP-1 0.53(mm)
ZZZZZ		09/18/2013 04:55	1		CLP-2 0.53(mm)
ZZZZZ		09/18/2013 04:55	1		CLP-1 0.53(mm)
ZZZZZ		09/18/2013 05:13	1		CLP-2 0.53(mm)
ZZZZZ		09/18/2013 05:13	1		CLP-1 0.53(mm)
460-62993-44	FB-091313	09/18/2013 05:30	1	QR097403.D	CLP-2 0.53(mm)
460-62993-44	FB-091313	09/18/2013 05:30	1	QR097403.D	CLP-1 0.53(mm)
ZZZZZ		09/18/2013 05:47	1		CLP-2 0.53(mm)
ZZZZZ		09/18/2013 05:47	1		CLP-1 0.53(mm)
ZZZZZ		09/18/2013 06:02	1		CLP-2 0.53(mm)
ZZZZZ		09/18/2013 06:02	1		CLP-1 0.53(mm)
CCV 460-181958/63		09/18/2013 06:19	1	QR097406.D	CLP-2 0.53(mm)
CCV 460-181958/63		09/18/2013 06:19	1	QR097406.D	CLP-1 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181488 Batch Start Date: 09/16/13 08:46 Batch Analyst: Wu, Huachi

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_PCB SP_LVI 00002	OPPSPCBSU_LVI 00003	
MB 460-181488/1		3510C, 8082		7 SU	125 mL	1 mL		50 uL	
LCS 460-181488/2		3510C, 8082		7 SU	125 mL	1 mL	50 uL	50 uL	
LCSD 460-181488/3		3510C, 8082		7 SU	125 mL	1 mL	50 uL	50 uL	
460-62993-E-44	FB-091313	3510C, 8082	T	7 SU	125 mL	1 mL		50 uL	

Batch Notes	
Batch Comment	8082 - LVI
Person's name who did the concentration	Wuh
Exchange Solvent Lot #	55592
Exchange Solvent Name	Hexane
Final Concentrator Volume	1 mL
N-evap #	222299
N-evap temperature	35 Celsius
Na2SO4 Lot Number	320403
Prep Solvent Lot #	54661
Prep Solvent Name	MECL2
Prep Solvent Volume Used	60 mL
Person's name who did the prep	Wuh
Person's name who witnessed reagent drop	Hush
Uncorrected N-evap Temperature	35 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181667 Batch Start Date: 09/17/13 04:50 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00026	OPPSTPCBSU 00024		
MB 460-181667/1		3546, 8082		15.00 g	10 mL		50 uL		
LCS 460-181667/2		3546, 8082		15.00 g	10 mL	50 uL	50 uL		
460-63014-A-1 MS		3546, 8082	T	15.00 g	10 mL	50 uL	50 uL		
460-63014-A-1 MSD		3546, 8082	T	15.03 g	10 mL	50 uL	50 uL		
460-62993-E-41	DUP1-091313	3546, 8082	T	15.00 g	10 mL		50 uL		
460-62993-E-42	DUP2-091313	3546, 8082	T	15.05 g	10 mL		50 uL		
460-62993-E-43	DUP3-091313	3546, 8082	T	15.01 g	10 mL		50 uL		

Batch Notes	
Balance ID	30
Batch Comment	pcb-soil
Person's name who did the concentration	archie
Exchange Solvent Lot #	49672
Exchange Solvent Name	hexane
Final Concentrator Volume	10 mL
Sulfuric Acid Lot Number	32783 sw3665a
Hexane Lot#	55592
MeCl2/Acetone Lot #	43332
Microwave Start Time	4am
Microwave Stop Time	4:30am
Na2SO4 Lot Number	320403
Person's name who did the prep	archie
Person who witnessed spiking	jose s
TBA Lot #	op720
Water Bath ID	10203
Water Bath Temperature	uncorrected 37.0c

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181667 Batch Start Date: 09/17/13 04:50 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181668 Batch Start Date: 09/17/13 04:59 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00026	OPPSTPCBSU 00024		
MB 460-181668/1		3546, 8082		15.00 g	10 mL		50 uL		
LCS 460-181668/2		3546, 8082		15.00 g	10 mL	50 uL	50 uL		
460-62993-E-1 MS	PMP-6SE-VD	3546, 8082	T	15.02 g	10 mL	50 uL	50 uL		
460-62993-E-1 MSD	PMP-6SE-VD	3546, 8082	T	15.04 g	10 mL	50 uL	50 uL		
460-62993-E-1	PMP-6SE-VD	3546, 8082	T	15.01 g	10 mL		50 uL		
460-62993-E-2	PMP-6SE-WT	3546, 8082	T	15.02 g	10 mL		50 uL		
460-62993-E-3	PMP-6SE-SI	3546, 8082	T	15.00 g	10 mL		50 uL		
460-62993-E-4	PMP-5SE-VD	3546, 8082	T	15.03 g	10 mL		50 uL		
460-62993-E-5	PMP-5SE-WT	3546, 8082	T	15.01 g	10 mL		50 uL		
460-62993-E-6	PMP-5SE-SI	3546, 8082	T	15.00 g	10 mL		50 uL		
460-62993-E-7	PMP-8SE-VS	3546, 8082	T	15.00 g	10 mL		50 uL		
460-62993-E-8	PMP-8SE-VD	3546, 8082	T	15.02 g	10 mL		50 uL		
460-62993-D-9	PMP-8SE-WT	3546, 8082	T	15.05 g	10 mL		50 uL		
460-62993-E-10	PMP-4SE-VS	3546, 8082	T	15.04 g	10 mL		50 uL		
460-62993-E-11	PMP-4SE-VD	3546, 8082	T	15.01 g	10 mL		50 uL		
460-62993-E-12	PMP-4SE-WT	3546, 8082	T	15.04 g	10 mL		50 uL		
460-62993-E-13	PMP-14SE-VS	3546, 8082	T	15.03 g	10 mL		50 uL		
460-62993-E-14	PMP-14SE-VD	3546, 8082	T	15.01 g	10 mL		50 uL		
460-62993-E-15	PMP-14SE-WT	3546, 8082	T	15.02 g	10 mL		50 uL		
460-62993-E-16	PMP-25SE-VS	3546, 8082	T	15.00 g	10 mL		50 uL		
460-62993-E-17	PMP-25SE-VD	3546, 8082	T	15.01 g	10 mL		50 uL		
460-62993-E-18	PMP-25SE-WT	3546, 8082	T	15.05 g	10 mL		50 uL		
460-62993-E-19	PMP-7SE-VD	3546, 8082	T	15.04 g	10 mL		50 uL		
460-62993-E-20	PMP-7SE-WT	3546, 8082	T	15.00 g	10 mL		50 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181668 Batch Start Date: 09/17/13 04:59 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Batch Notes	
Balance ID	30
Batch Comment	pcb-soil
Person's name who did the concentration	archie
Exchange Solvent Lot #	49672
Exchange Solvent Name	hexane
Final Concentrator Volume	10 mL
Sulfuric Acid Lot Number	32783 sw3665a
Hexane Lot#	55592
MeCl2/Acetone Lot #	43332
Microwave Start Time	4am
Microwave Stop Time	4:30am
Na2SO4 Lot Number	320403
Person's name who did the prep	archie
Person who witnessed spiking	jose s
TBA Lot #	op720
Water Bath ID	10203
Water Bath Temperature	uncorrected 37.0c

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181669 Batch Start Date: 09/17/13 05:03 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00026	OPPSTPCBSU 00024		
MB 460-181669/1		3546, 8082		15.00 g	10 mL		50 uL		
LCS 460-181669/2		3546, 8082		15.00 g	10 mL	50 uL	50 uL		
460-62993-E-21 MS	PMP-7SE-SI	3546, 8082	T	15.01 g	10 mL	50 uL	50 uL		
460-62993-E-21 MSD	PMP-7SE-SI	3546, 8082	T	15.04 g	10 mL	50 uL	50 uL		
460-62993-E-21	PMP-7SE-SI	3546, 8082	T	15.01 g	10 mL		50 uL		
460-62993-E-22	PMP-10SE-VD	3546, 8082	T	15.00 g	10 mL		50 uL		
460-62993-E-23	PMP-10SE-WT	3546, 8082	T	15.02 g	10 mL		50 uL		
460-62993-E-24	PMP-10SE-SI	3546, 8082	T	15.03 g	10 mL		50 uL		
460-62993-E-25	PMP-10SE-SD	3546, 8082	T	15.00 g	10 mL		50 uL		
460-62993-E-26	PMP-13SE-VD	3546, 8082	T	15.01 g	10 mL		50 uL		
460-62993-E-27	PMP-13SE-WT	3546, 8082	T	15.02 g	10 mL		50 uL		
460-62993-E-28	PMP-13SE-SI	3546, 8082	T	15.04 g	10 mL		50 uL		
460-62993-F-29	PMP-13SE-SD	3546, 8082	T	15.05 g	10 mL		50 uL		
460-62993-E-30	PMP-15SE-VD	3546, 8082	T	15.01 g	10 mL		50 uL		
460-62993-E-31	PMP-15SE-WT	3546, 8082	T	15.03 g	10 mL		50 uL		
460-62993-E-32	PMP-15SE-SI	3546, 8082	T	15.04 g	10 mL		50 uL		
460-62993-E-33	PMP-15SE-SD	3546, 8082	T	15.05 g	10 mL		50 uL		
460-62993-E-34	PMP-31SE-VS	3546, 8082	T	15.02 g	10 mL		50 uL		
460-62993-E-35	PMP-31SE-VD	3546, 8082	T	15.00 g	10 mL		50 uL		
460-62993-E-36	PMP-31SE-WT	3546, 8082	T	15.05 g	10 mL		50 uL		
460-62993-E-37	PMP-32SE-VS	3546, 8082	T	15.01 g	10 mL		50 uL		
460-62993-E-38	PMP-32SE-VD	3546, 8082	T	15.04 g	10 mL		50 uL		
460-62993-E-39	PMP-32SE-WT	3546, 8082	T	15.00 g	10 mL		50 uL		
460-62993-E-40	DUP-091313	3546, 8082	T	15.00 g	10 mL		50 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181669 Batch Start Date: 09/17/13 05:03 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Batch Notes	
Balance ID	30
Batch Comment	pcb-soil
Person's name who did the concentration	archie
Exchange Solvent Lot #	49672
Exchange Solvent Name	hexane
Final Concentrator Volume	10 mL
Sulfuric Acid Lot Number	32783 sw3665a
Hexane Lot#	55592
MeCl2/Acetone Lot #	43332
Microwave Start Time	4am
Microwave Stop Time	4:30am
Na2SO4 Lot Number	320403
Person's name who did the prep	archie
Person who witnessed spiking	jose s
TBA Lot #	op720
Water Bath ID	10203
Water Bath Temperature	uncorrected 37.0c

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
PMP-6SE-VD	460-62993-1	53	72
PMP-6SE-WT	460-62993-2	0 D X	0 D X
PMP-6SE-SI	460-62993-3	0 D X	0 D X
PMP-5SE-VD	460-62993-4	42	65
PMP-5SE-WT	460-62993-5	0 D X	0 D X
PMP-5SE-SI	460-62993-6	0 D X	0 D X
PMP-8SE-VS	460-62993-7	0 D X	0 D X
PMP-8SE-VD	460-62993-8	34 X	51
PMP-8SE-WT	460-62993-9	50	73
PMP-4SE-VS	460-62993-10	0 D X	0 D X
PMP-4SE-VD	460-62993-11	54	72
PMP-4SE-WT	460-62993-12	44	63
PMP-14SE-VS	460-62993-13	109 X	56
PMP-14SE-VD	460-62993-14	34 X	51
PMP-14SE-WT	460-62993-15	41	55
PMP-25SE-VS	460-62993-16	125 X	60
PMP-25SE-VD	460-62993-17	53	71
PMP-25SE-WT	460-62993-18	54	68
PMP-7SE-VD	460-62993-19	0 X D	0 X D
PMP-7SE-WT	460-62993-20	0 X D	0 X D
PMP-7SE-SI	460-62993-21	0 X D	0 X D
PMP-10SE-VD	460-62993-22	57	100
PMP-10SE-WT	460-62993-23	48	78
PMP-10SE-SI	460-62993-24	45	70
PMP-10SE-SD	460-62993-25	62	94
PMP-13SE-VD	460-62993-26	72	110
PMP-13SE-WT	460-62993-27	0 X D	0 X D
PMP-13SE-SI	460-62993-28	104 X	85
PMP-13SE-SD	460-62993-29	66	97
PMP-15SE-VD	460-62993-30	69	99
PMP-15SE-WT	460-62993-31	35 X	55
PMP-15SE-SI	460-62993-32	49	59
PMP-15SE-SD	460-62993-33	92 X	78
PMP-31SE-VS	460-62993-34	33 X	51
PMP-31SE-VD	460-62993-35	49	67

	QC LIMITS
CB = Chlorobenzene	40-80
OTPH = o-Terphenyl	50-105

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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
PMP-31SE-WT	460-62993-36	43	53
PMP-32SE-VS	460-62993-37	47	61
PMP-32SE-VD	460-62993-38	0 X D	0 X D
PMP-32SE-WT	460-62993-39	44	62
DUP-091313	460-62993-40	71	101
DUP1-091313	460-62993-41	43	62
DUP2-091313	460-62993-42	77	62
DUP3-091313	460-62993-43	83 X	87
	MB 460-181553/1-A	61	84
	MB 460-181554/1-A	58	78
	MB 460-181800/1-A	58	79
	MB 460-181802/1-A	61	81
	MB 460-181994/1-A	56	78
	LCS 460-181553/2-A	71	78
	LCS 460-181554/2-A	66	77
	LCS 460-181800/2-A	70	81
	LCS 460-181802/2-A	66	81
	LCS 460-181994/2-A	69	80
PMP-6SE-WT MS	460-62993-2 MS	0 D X	0 D X
PMP-14SE-WT MS	460-62993-15 MS	61	71
PMP-10SE-VD MS	460-62993-22 MS	83 X	94
DUP3-091313 MS	460-62993-43 MS	39 X	56
	460-62968-E-35-F MS	54	66
PMP-6SE-WT MSD	460-62993-2 MSD	0 D X	0 D X
PMP-14SE-WT MSD	460-62993-15 MSD	61	72
PMP-10SE-VD MSD	460-62993-22 MSD	90 X	94
DUP3-091313 MSD	460-62993-43 MSD	71	94
	460-62968-E-35-G MSD	44	55

	QC LIMITS
CB = Chlorobenzene	40-80
OTPH = o-Terphenyl	50-105

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.: 460-62993-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
FB-091313	460-62993-44	51	61
	MB 460-181476/1-A	49	64
	LCS 460-181476/2-A	70	77
	LCSD 460-181476/3-A	70	76

	QC LIMITS
CB = Chlorobenzene	42-93
OTPH = o-Terphenyl	51-123

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.: 460-62993-1

SDG No.:

Matrix: Water Level: Low Lab File ID: GC2F5268.D

Lab ID: LCS 460-181476/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	2.00	2.11	106	56-111	

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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5305.D

Lab ID: LCS 460-181553/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	124	93	56-113	

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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5335.D

Lab ID: LCS 460-181554/2-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	56-113	

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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5477.D

Lab ID: LCS 460-181800/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	148	111	56-113	

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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5488.D

Lab ID: LCS 460-181802/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	132	99	56-113	

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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5453.D

Lab ID: LCS 460-181994/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	148	111	56-113	

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.: 460-62993-1

SDG No.:

Matrix: Water Level: Low Lab File ID: GC2F5269.D

Lab ID: LCSD 460-181476/3-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	2.04	102	4	50	56-111	

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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5390.D

Lab ID: 460-62993-2 MS Client ID: PMP-6SE-WT MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	152	3300	3510	119	56-113	4

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5454.D

Lab ID: 460-62993-15 MS Client ID: PMP-14SE-WT MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	142	5.7 U	108	76	56-113	

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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5411.D

Lab ID: 460-62993-22 MS Client ID: PMP-10SE-VD MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	143	56	189	93	56-113	

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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5489.D

Lab ID: 460-62993-43 MS Client ID: DUP3-091313 MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	167	25	141	70	56-113	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5306.D

Lab ID: 460-62968-E-35-F MS Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	142	5.7 U	92.1	65	56-113	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5391.D

Lab ID: 460-62993-2 MSD Client ID: PMP-6SE-WT MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	152	3630	197	3	40	56-113	4

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5455.D

Lab ID: 460-62993-15 MSD Client ID: PMP-14SE-WT MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	142	113	79	5	40	56-113	

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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5412.D

Lab ID: 460-62993-22 MSD Client ID: PMP-10SE-VD MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	143	211	108	11	40	56-113	

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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5490.D

Lab ID: 460-62993-43 MSD Client ID: DUP3-091313 MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	167	184	95	26	40	56-113	

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.: 460-62993-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5307.D

Lab ID: 460-62968-E-35-G MSD Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	142	81.5	57	12	40	56-113	

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.: 460-62993-1

SDG No.:

Lab File ID: GC2F5267.D Lab Sample ID: MB 460-181476/1-A

Matrix: Water Date Extracted: 09/16/2013 08:19

Instrument ID: CBNAGC2 Date Analyzed: 09/17/2013 08:57

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-181476/2-A	GC2F5268.D	09/17/2013 09:12
	LCSD 460-181476/3-A	GC2F5269.D	09/17/2013 09:26
FB-091313	460-62993-44	GC2F5271.D	09/17/2013 09:56

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: GC2F5304.D Lab Sample ID: MB 460-181553/1-A

Matrix: Solid Date Extracted: 09/16/2013 12:59

Instrument ID: CBNAGC2 Date Analyzed: 09/17/2013 18:01

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-181553/2-A	GC2F5305.D	09/17/2013 18:15
	460-62968-E-35-F MS	GC2F5306.D	09/17/2013 18:30
	460-62968-E-35-G MSD	GC2F5307.D	09/17/2013 18:45
PMP-6SE-VD	460-62993-1	GC2F5331.D	09/18/2013 00:37

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: GC2F5334.D Lab Sample ID: MB 460-181554/1-A

Matrix: Solid Date Extracted: 09/16/2013 13:05

Instrument ID: CBNAGC2 Date Analyzed: 09/18/2013 01:21

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-181554/2-A	GC2F5335.D	09/18/2013 01:36
PMP-5SE-VD	460-62993-4	GC2F5340.D	09/18/2013 02:50
PMP-6SE-WT MS	460-62993-2 MS	GC2F5390.D	09/18/2013 17:02
PMP-6SE-WT MSD	460-62993-2 MSD	GC2F5391.D	09/18/2013 17:16
PMP-6SE-WT	460-62993-2	GC2F5392.D	09/18/2013 17:31
PMP-6SE-SI	460-62993-3	GC2F5393.D	09/18/2013 17:46
PMP-5SE-WT	460-62993-5	GC2F5394.D	09/18/2013 18:01
PMP-5SE-SI	460-62993-6	GC2F5395.D	09/18/2013 18:15
PMP-8SE-VS	460-62993-7	GC2F5396.D	09/18/2013 18:30
PMP-8SE-WT	460-62993-9	GC2F5397.D	09/18/2013 18:45
PMP-4SE-VS	460-62993-10	GC2F5398.D	09/18/2013 19:00
PMP-14SE-VS	460-62993-13	GC2F5401.D	09/18/2013 19:44
PMP-25SE-VS	460-62993-16	GC2F5402.D	09/18/2013 19:59
PMP-25SE-WT	460-62993-18	GC2F5403.D	09/18/2013 20:13
PMP-7SE-VD	460-62993-19	GC2F5404.D	09/18/2013 20:28
PMP-7SE-WT	460-62993-20	GC2F5405.D	09/18/2013 20:43
PMP-7SE-SI	460-62993-21	GC2F5406.D	09/18/2013 20:58

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: GC2F5476.D Lab Sample ID: MB 460-181800/1-A

Matrix: Solid Date Extracted: 09/17/2013 14:38

Instrument ID: CBNAGC2 Date Analyzed: 09/19/2013 14:53

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PMP-10SE-VD MS	460-62993-22 MS	GC2F5411.D	09/18/2013 22:11
PMP-10SE-VD MSD	460-62993-22 MSD	GC2F5412.D	09/18/2013 22:26
PMP-10SE-VD	460-62993-22	GC2F5413.D	09/18/2013 22:40
PMP-10SE-WT	460-62993-23	GC2F5414.D	09/18/2013 22:55
PMP-10SE-SI	460-62993-24	GC2F5415.D	09/18/2013 23:10
PMP-10SE-SD	460-62993-25	GC2F5416.D	09/18/2013 23:24
PMP-13SE-VD	460-62993-26	GC2F5419.D	09/19/2013 00:09
PMP-13SE-SD	460-62993-29	GC2F5422.D	09/19/2013 00:53
PMP-15SE-VD	460-62993-30	GC2F5423.D	09/19/2013 01:08
PMP-15SE-WT	460-62993-31	GC2F5424.D	09/19/2013 01:22
PMP-31SE-VS	460-62993-34	GC2F5429.D	09/19/2013 02:36
PMP-31SE-VD	460-62993-35	GC2F5430.D	09/19/2013 02:51
PMP-32SE-WT	460-62993-39	GC2F5434.D	09/19/2013 03:49
DUP-091313	460-62993-40	GC2F5435.D	09/19/2013 04:04
DUP1-091313	460-62993-41	GC2F5436.D	09/19/2013 04:19
	LCS 460-181800/2-A	GC2F5477.D	09/19/2013 15:08
PMP-13SE-WT	460-62993-27	GC2F5478.D	09/19/2013 15:22
PMP-13SE-SI	460-62993-28	GC2F5479.D	09/19/2013 15:37
PMP-15SE-SI	460-62993-32	GC2F5480.D	09/19/2013 15:52
PMP-15SE-SD	460-62993-33	GC2F5481.D	09/19/2013 16:06
PMP-31SE-WT	460-62993-36	GC2F5482.D	09/19/2013 16:21
PMP-32SE-VS	460-62993-37	GC2F5483.D	09/19/2013 16:36
PMP-32SE-VD	460-62993-38	GC2F5484.D	09/19/2013 16:51

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: GC2F5487.D Lab Sample ID: MB 460-181802/1-A

Matrix: Solid Date Extracted: 09/17/2013 14:45

Instrument ID: CBNAGC2 Date Analyzed: 09/19/2013 17:34

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-181802/2-A	GC2F5488.D	09/19/2013 17:49
DUP3-091313 MS	460-62993-43 MS	GC2F5489.D	09/19/2013 18:04
DUP3-091313 MSD	460-62993-43 MSD	GC2F5490.D	09/19/2013 18:18
DUP3-091313	460-62993-43	GC2F5491.D	09/19/2013 18:33
DUP2-091313	460-62993-42	GC2F5492.D	09/19/2013 18:48

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab File ID: GC2F5452.D Lab Sample ID: MB 460-181994/1-A

Matrix: Solid Date Extracted: 09/18/2013 12:53

Instrument ID: CBNAGC2 Date Analyzed: 09/19/2013 08:01

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-181994/2-A	GC2F5453.D	09/19/2013 08:53
PMP-14SE-WT MS	460-62993-15 MS	GC2F5454.D	09/19/2013 09:08
PMP-14SE-WT MSD	460-62993-15 MSD	GC2F5455.D	09/19/2013 09:22
PMP-14SE-WT	460-62993-15	GC2F5456.D	09/19/2013 09:37
PMP-8SE-VD	460-62993-8	GC2F5469.D	09/19/2013 13:10
PMP-4SE-VD	460-62993-11	GC2F5470.D	09/19/2013 13:25
PMP-4SE-WT	460-62993-12	GC2F5471.D	09/19/2013 13:40
PMP-14SE-VD	460-62993-14	GC2F5472.D	09/19/2013 13:54
PMP-25SE-VD	460-62993-17	GC2F5473.D	09/19/2013 14:09

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-VD Lab Sample ID: 460-62993-1

Matrix: Solid Lab File ID: GC2F5331.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 08:20

Extraction Method: 3546 Date Extracted: 09/16/2013 12:59

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 00:37

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.: 181694 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	11		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	72		50-105
108-90-7	Chlorobenzene	53		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5331.D		
Lims ID:	460-62993-E-1-A	Client ID:	PMP-6SE-VD
Inject. Date:	18-Sep-2013 00:37:43	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004706-068		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	58
Lims Batch ID:	181694	Lims Sample ID:	68
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:22:37	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 18-Sep-2013 07:54:12

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.822	0.824	-0.002	314375	10.5	
A	3 C8-C40					
	4.119	0.491	- 7.746	5376110	156.8	k
$	4 o-Terphenyl					
	4.165	4.163	0.002	646417	14.4	

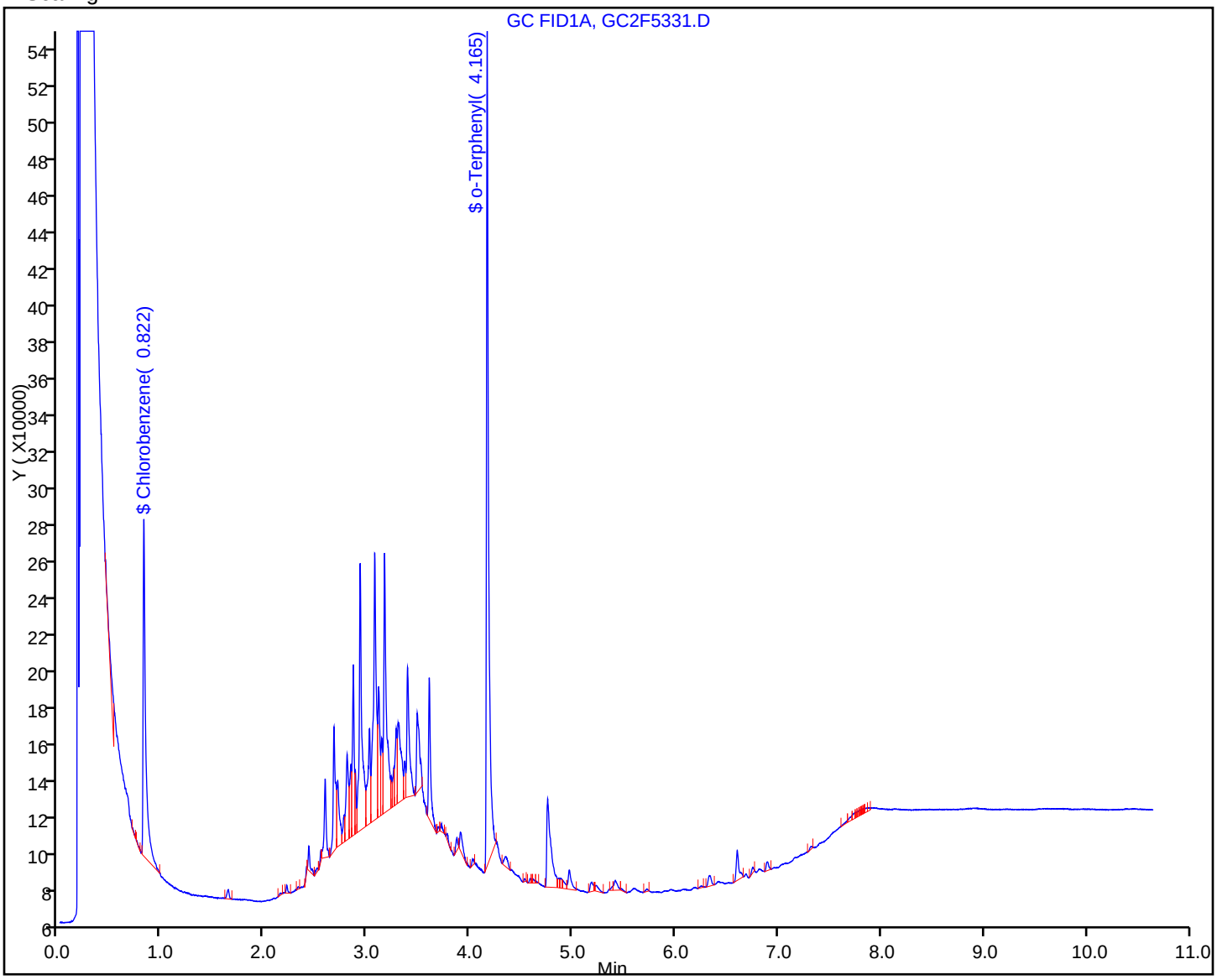
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:22:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5331.D		
Injection Date:	18-Sep-2013 00:37:43	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-6SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	68
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-WT Lab Sample ID: 460-62993-2

Matrix: Solid Lab File ID: GC2F5392.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 08:25

Extraction Method: 3546 Date Extracted: 09/16/2013 13:05

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 17:31

Con. Extract Vol.: 1(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 9.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	3300		120	120

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	D X	50-105
108-90-7	Chlorobenzene	0	D X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5392.D		
Lims ID:	460-62993-E-2-C	Client ID:	PMP-6SE-WT
Inject. Date:	18-Sep-2013 17:31:39	Dil. Factor:	20.0000
Sample Type:	Client		
Sample ID:	460-0004767-028		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	26
Lims Batch ID:	181947	Lims Sample ID:	28
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:54	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:01:03

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	77167239	2251.3	k

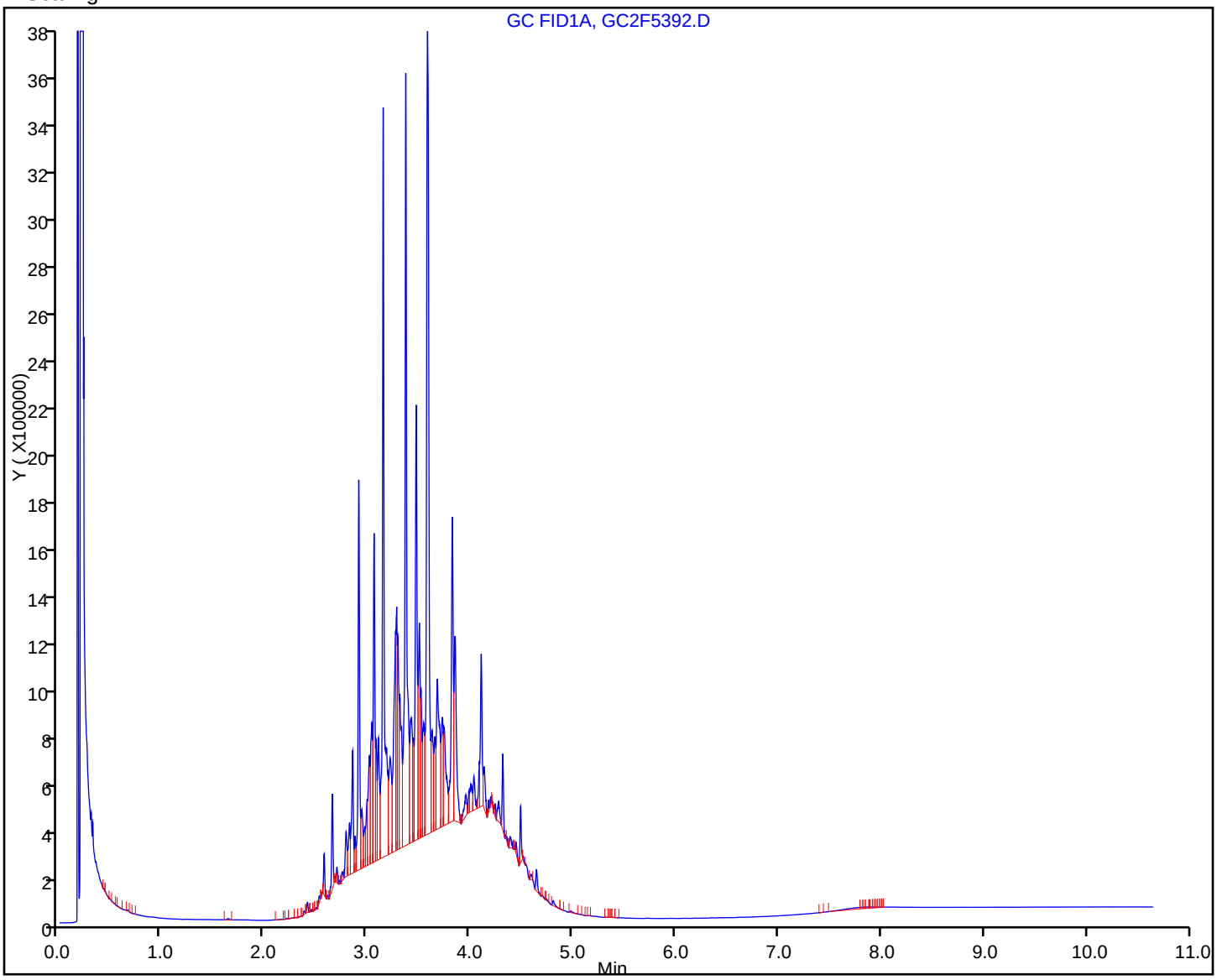
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:24:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5392.D		
Injection Date:	18-Sep-2013 17:31:39	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-6SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	28
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-SI Lab Sample ID: 460-62993-3

Matrix: Solid Lab File ID: GC2F5393.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 08:30

Extraction Method: 3546 Date Extracted: 09/16/2013 13:05

Sample wt/vol: 15.04(g) Date Analyzed: 09/18/2013 17:46

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1000		64	64

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	D X	50-105
108-90-7	Chlorobenzene	0	D X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5393.D		
Lims ID:	460-62993-E-3-A	Client ID:	PMP-6SE-SI
Inject. Date:	18-Sep-2013 17:46:24	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004767-029		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	27
Lims Batch ID:	181947	Lims Sample ID:	29
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:54	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:01:09

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	46414964	1354.2	k

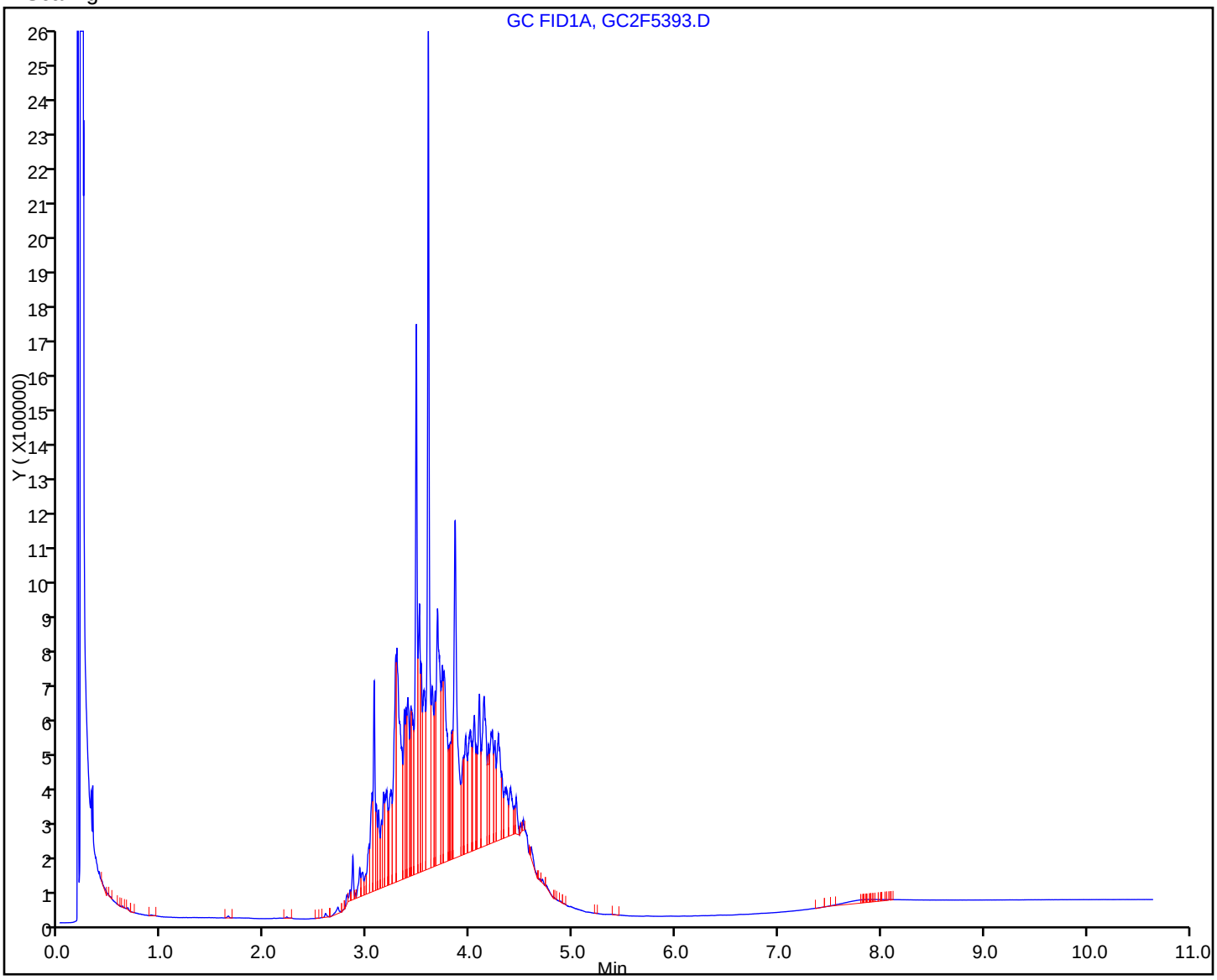
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:24:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5393.D		
Injection Date:	18-Sep-2013 17:46:24	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-6SE-SI	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	29
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-VD Lab Sample ID: 460-62993-4

Matrix: Solid Lab File ID: GC2F5340.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 08:35

Extraction Method: 3546 Date Extracted: 09/16/2013 13:05

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 02:50

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.: 181694 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	8.5		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	65		50-105
108-90-7	Chlorobenzene	42		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5340.D		
Lims ID:	460-62993-E-4-A	Client ID:	PMP-5SE-VD
Inject. Date:	18-Sep-2013 02:50:44	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004706-077		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	65
Lims Batch ID:	181694	Lims Sample ID:	77
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:22:45	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: nimerd Date: 18-Sep-2013 07:27:11

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					M
	0.827	0.824	0.003	250288	8.38	M
A	3 C8-C40					
	4.119	0.491 -	7.746	4176191	121.8	k
$	4 o-Terphenyl					M
	4.173	4.163	0.010	579576	12.9	M

QC Flag Legend

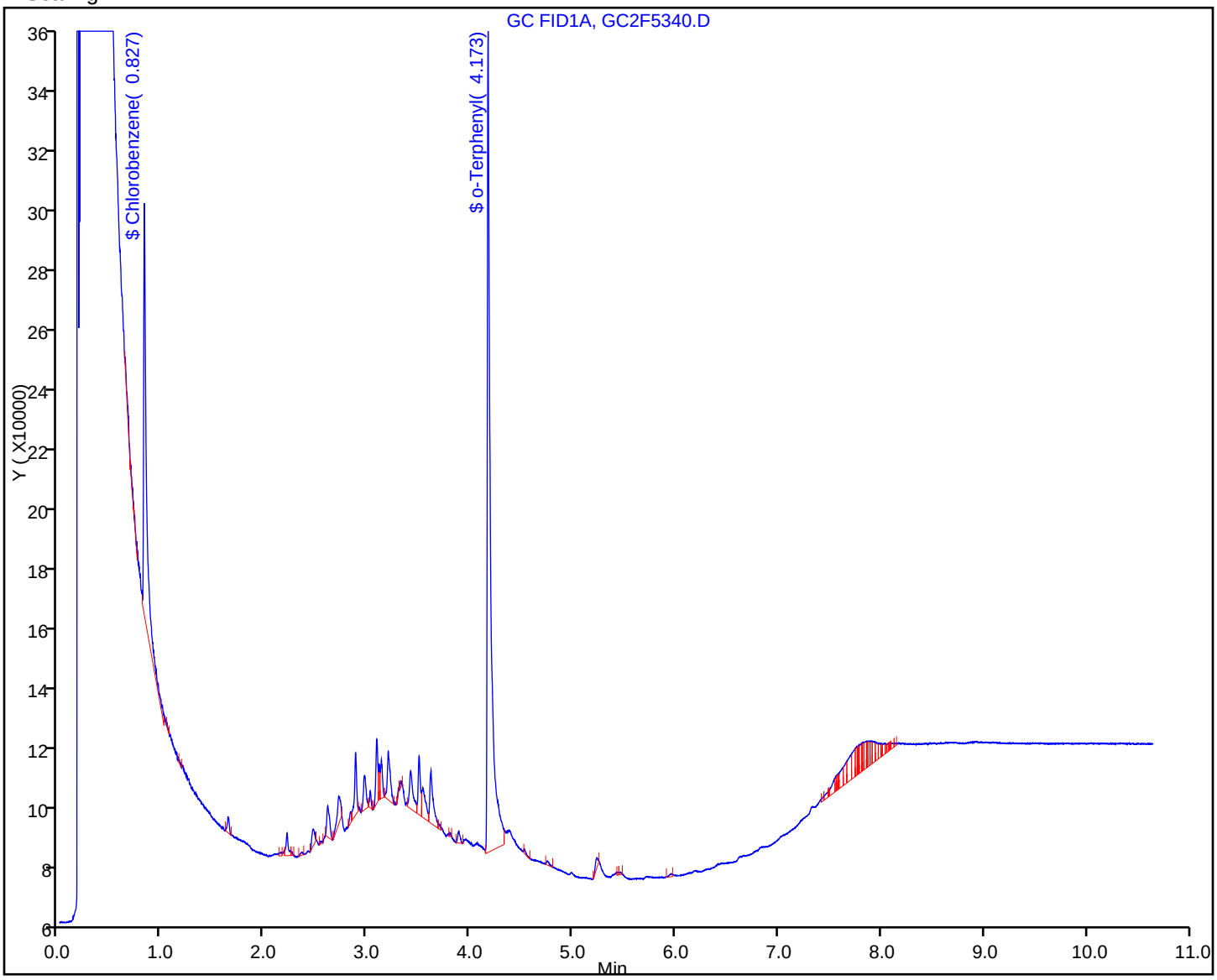
Processing Flags
k - Response Background Subtracted

Review Flags
M - Manually Integrated

Report Date: 19-Sep-2013 08:22:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5340.D		
Injection Date:	18-Sep-2013 02:50:44	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-5SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	77
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



Manual Integration/User Assign Peak Report

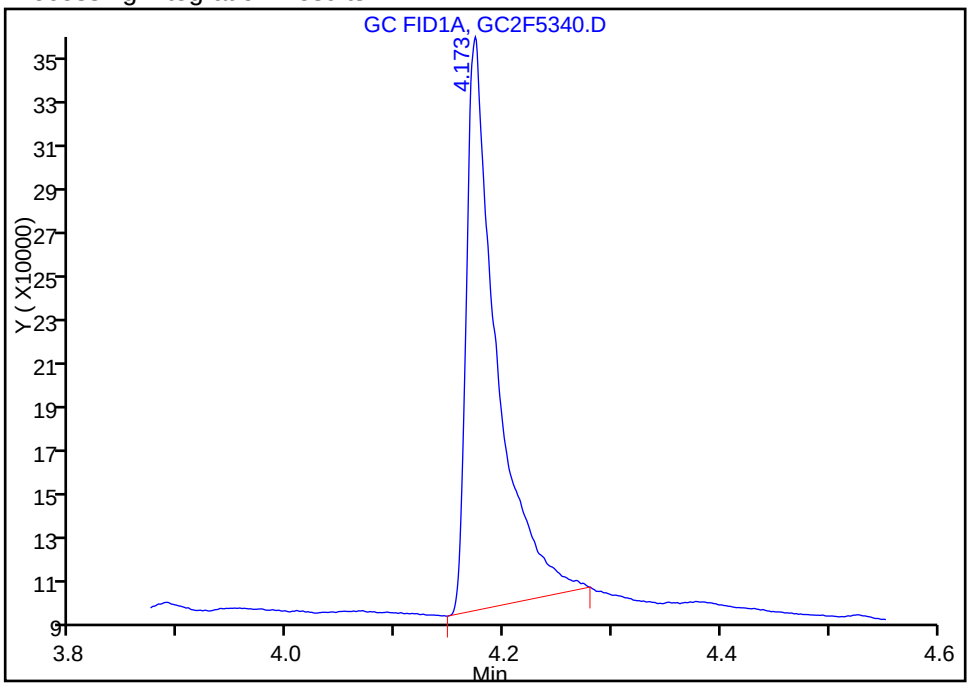
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5340.D		
Injection Date:	18-Sep-2013 02:50:44	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-5SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	77
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 4 o-Terphenyl, Signal: 1, Type: quant, RT: 4.16

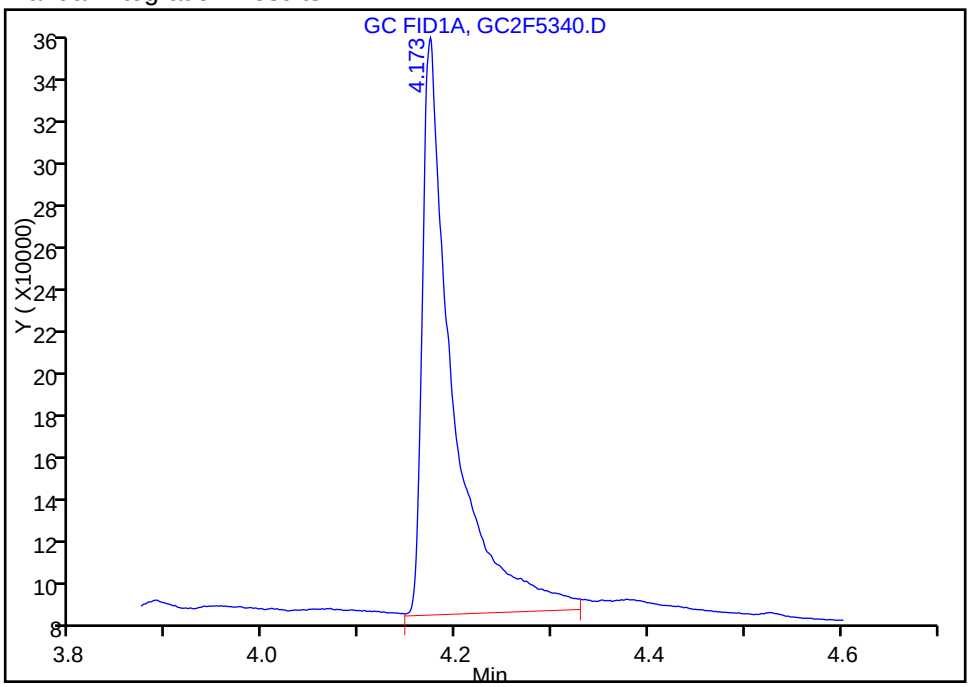
Processing Integration Results

RT: 4.17
Response: 505146
Amount: 11.259479



Manual Integration Results

RT: 4.17
Response: 579576
Amount: 12.918491



Reviewer: nimerd, 18-Sep-2013 07:27:11
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

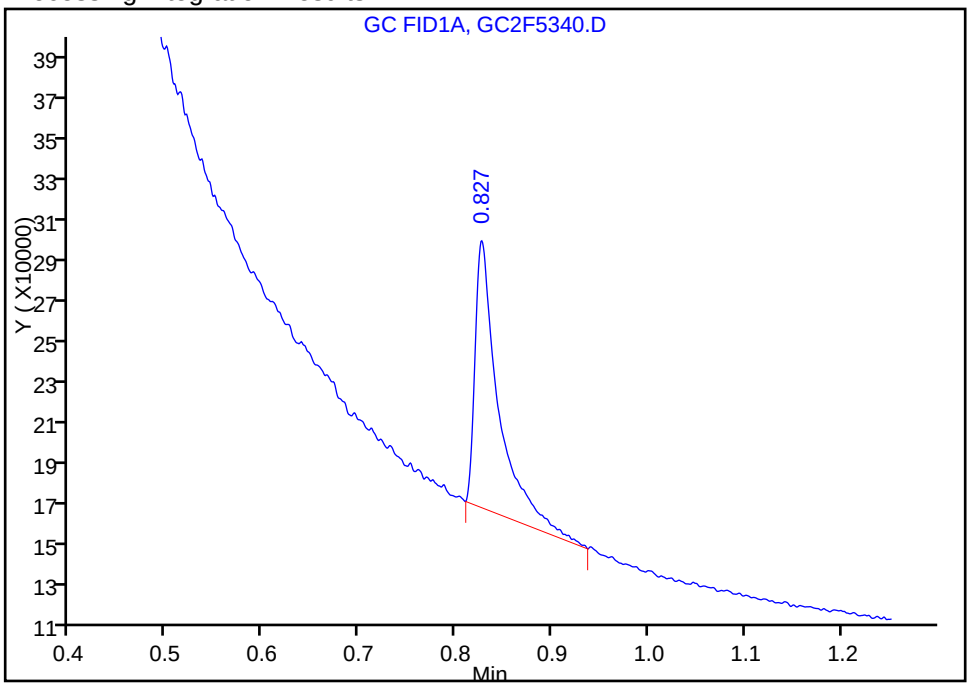
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5340.D		
Injection Date:	18-Sep-2013 02:50:44	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-5SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	77
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 5 Chlorobenzene, Signal: 1, Type: quant, RT: 0.82

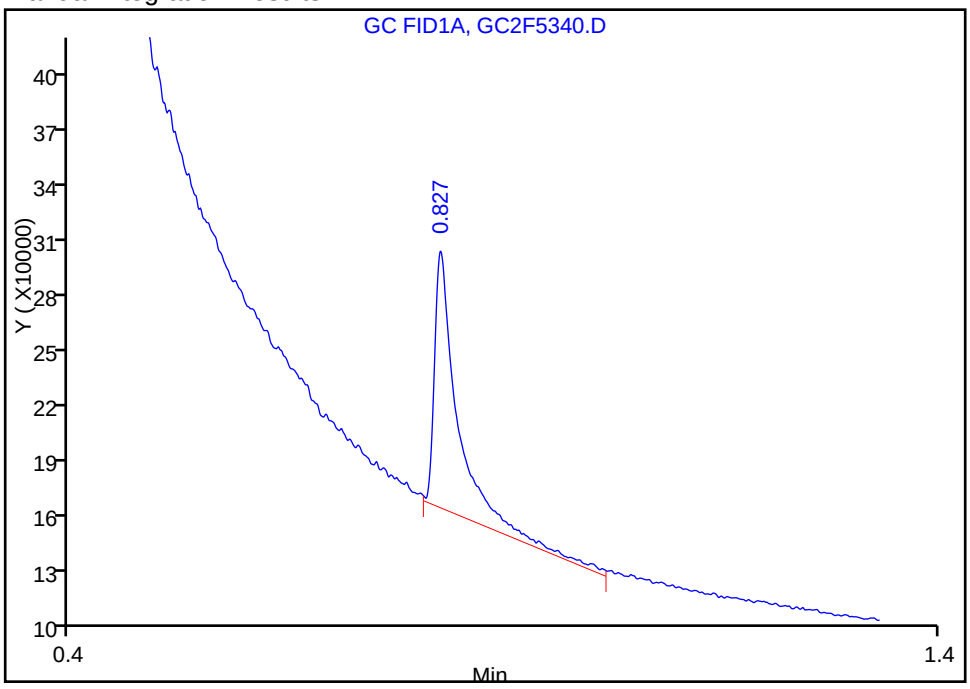
Processing Integration Results

RT: 0.83
Response: 222219
Amount: 7.439590



Manual Integration Results

RT: 0.83
Response: 250288
Amount: 8.379302



Reviewer: nimerd, 18-Sep-2013 07:27:11
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-WT Lab Sample ID: 460-62993-5

Matrix: Solid Lab File ID: GC2F5394.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 08:40

Extraction Method: 3546 Date Extracted: 09/16/2013 13:05

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 18:01

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 9.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1300		61	61

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	D X	50-105
108-90-7	Chlorobenzene	0	D X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5394.D		
Lims ID:	460-62993-E-5-A	Client ID:	PMP-5SE-WT
Inject. Date:	18-Sep-2013 18:01:03	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004767-030		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	28
Lims Batch ID:	181947	Lims Sample ID:	30
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:54	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:01:12

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	60425065	1762.9	k

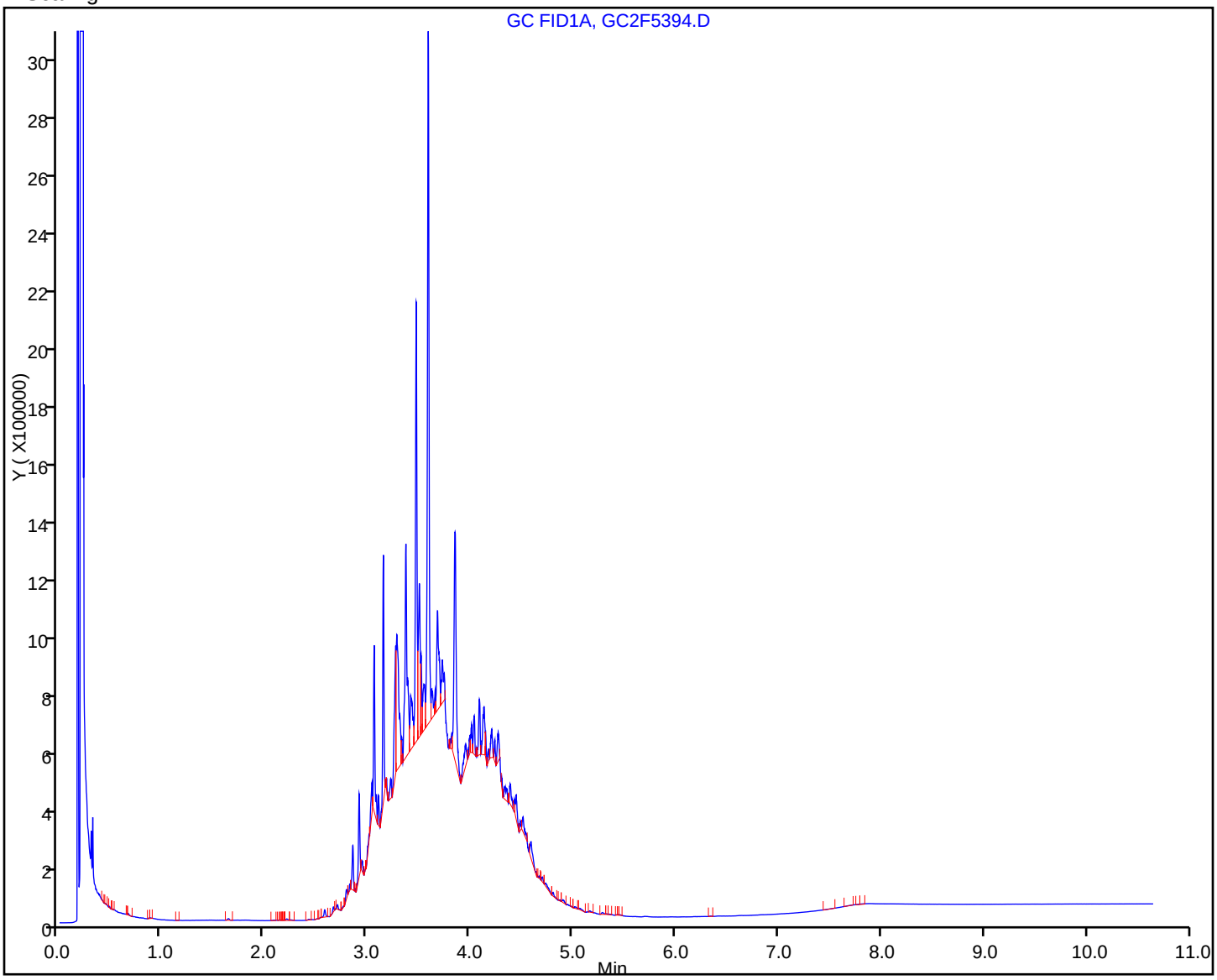
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:25:00 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5394.D		
Injection Date:	18-Sep-2013 18:01:03	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-5SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	30
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-5SE-SI Lab Sample ID: 460-62993-6

Matrix: Solid Lab File ID: GC2F5395.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 08:45

Extraction Method: 3546 Date Extracted: 09/16/2013 13:05

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 18:15

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	900		63	63

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	D X	50-105
108-90-7	Chlorobenzene	0	D X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5395.D		
Lims ID:	460-62993-E-6-A	Client ID:	PMP-5SE-SI
Inject. Date:	18-Sep-2013 18:15:51	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004767-031		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	29
Lims Batch ID:	181947	Lims Sample ID:	31
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:54	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:01:18

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	40531946	1182.5	k

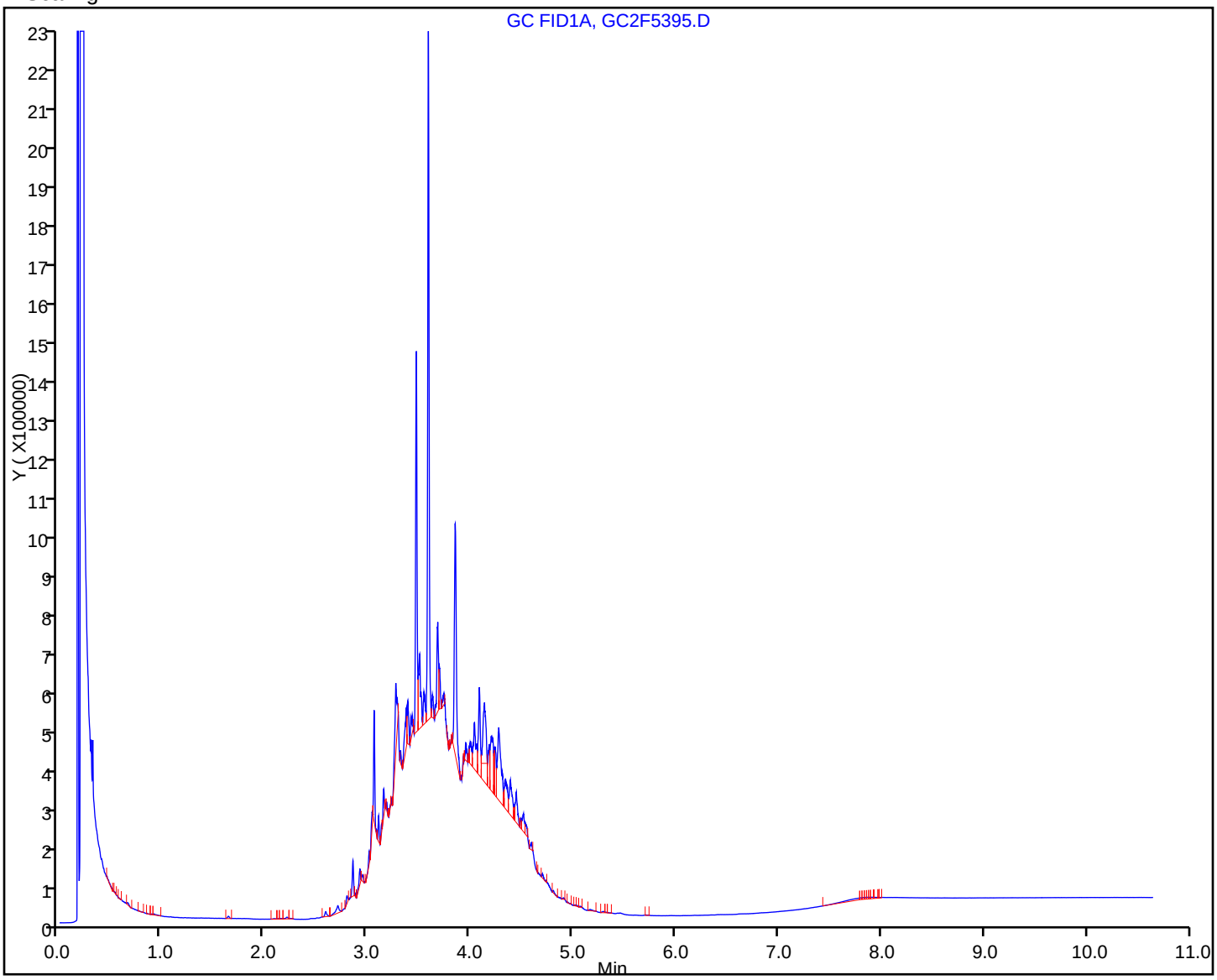
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:25:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5395.D		
Injection Date:	18-Sep-2013 18:15:51	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-5SE-SI	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	31
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-VS Lab Sample ID: 460-62993-7

Matrix: Solid Lab File ID: GC2F5396.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 08:50

Extraction Method: 3546 Date Extracted: 09/16/2013 13:05

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 18:30

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	350		57	57

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	D X	50-105
108-90-7	Chlorobenzene	0	D X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5396.D		
Lims ID:	460-62993-E-7-A	Client ID:	PMP-8SE-VS
Inject. Date:	18-Sep-2013 18:30:38	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004767-032		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	30
Lims Batch ID:	181947	Lims Sample ID:	32
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:54	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:01:53

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	17191345	501.6	k

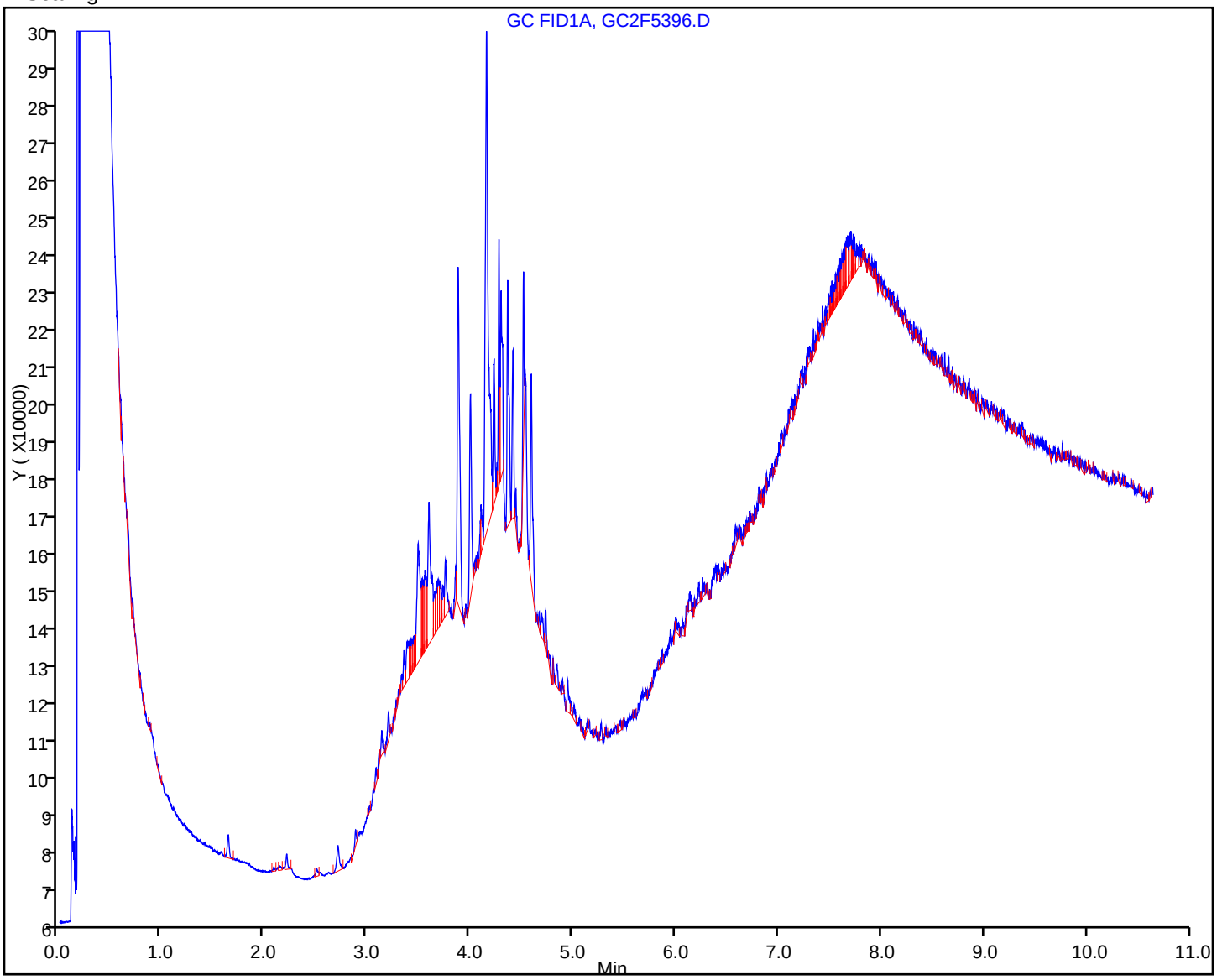
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:25:02 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5396.D		
Injection Date:	18-Sep-2013 18:30:38	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-8SE-VS	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	32
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-VD Lab Sample ID: 460-62993-8

Matrix: Solid Lab File ID: GC2F5469.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 08:55

Extraction Method: 3546 Date Extracted: 09/18/2013 12:53

Sample wt/vol: 15.05(g) Date Analyzed: 09/19/2013 13:10

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.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	7.4		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	51		50-105
108-90-7	Chlorobenzene	34	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5469.D		
Lims ID:	460-62993-E-8-D	Client ID:	PMP-8SE-VD
Inject. Date:	19-Sep-2013 13:10:51	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-021		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	21
Lims Batch ID:	182075	Lims Sample ID:	21
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	19-Sep-2013 14:51:39	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK004		

First Level Reviewer: kimh Date: 19-Sep-2013 13:28:54

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.828	0.823	0.005	202257	6.77	
A	3 C8-C40					
	4.113	0.488 -	7.737	3704733	108.1	k
$	4 o-Terphenyl					M
	4.173	4.159	0.014	458470	10.2	M

QC Flag Legend

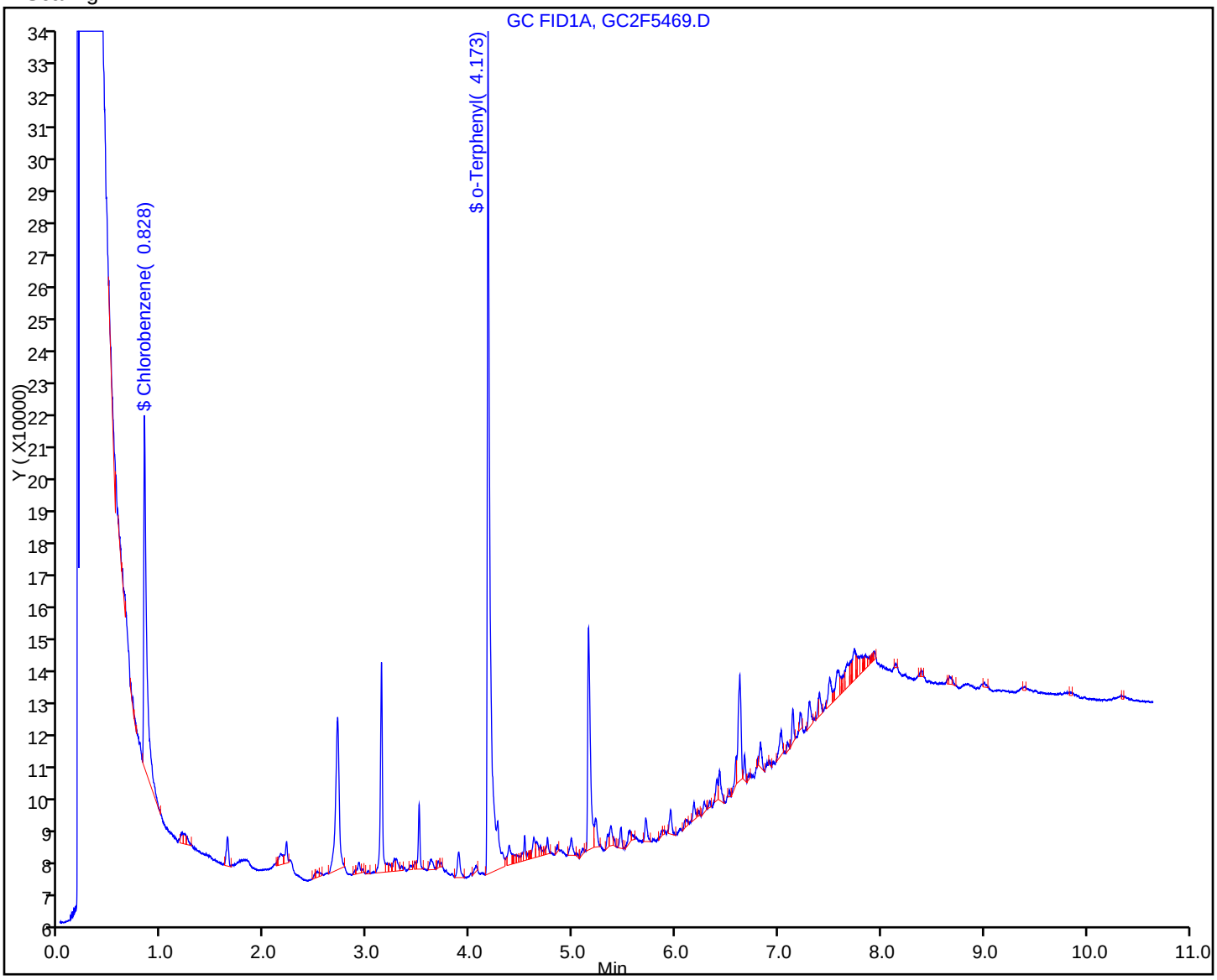
Processing Flags
k - Response Background Subtracted

Review Flags
M - Manually Integrated

Report Date: 19-Sep-2013 14:52:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5469.D		
Injection Date:	19-Sep-2013 13:10:51	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-8SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	21
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



Manual Integration/User Assign Peak Report

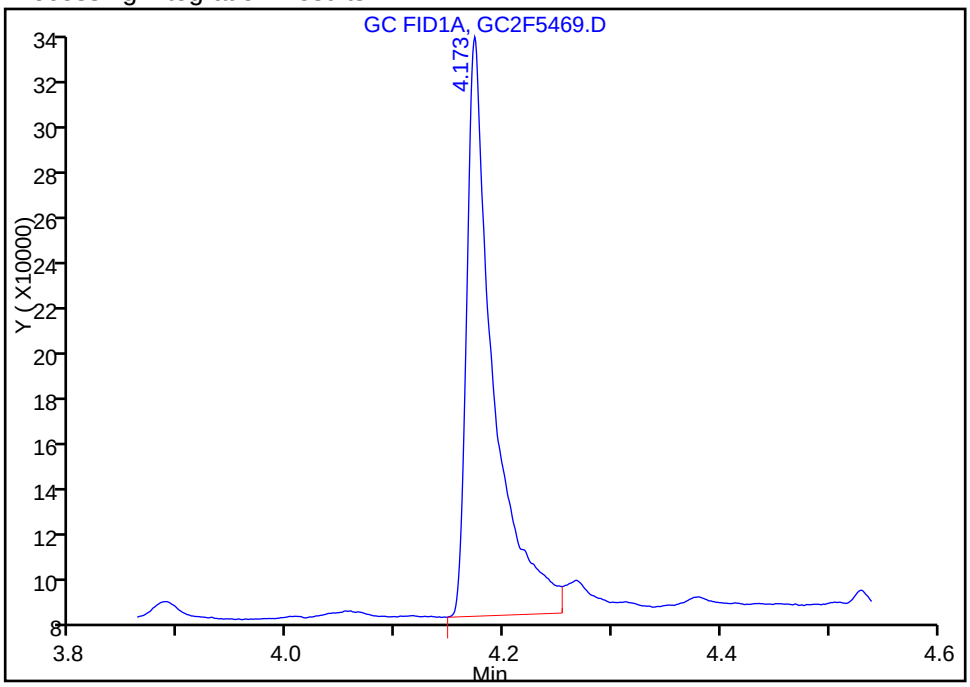
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5469.D		
Injection Date:	19-Sep-2013 13:10:51	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-8SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	21
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 4 o-Terphenyl, Signal: 1, Type: quant, RT: 4.16

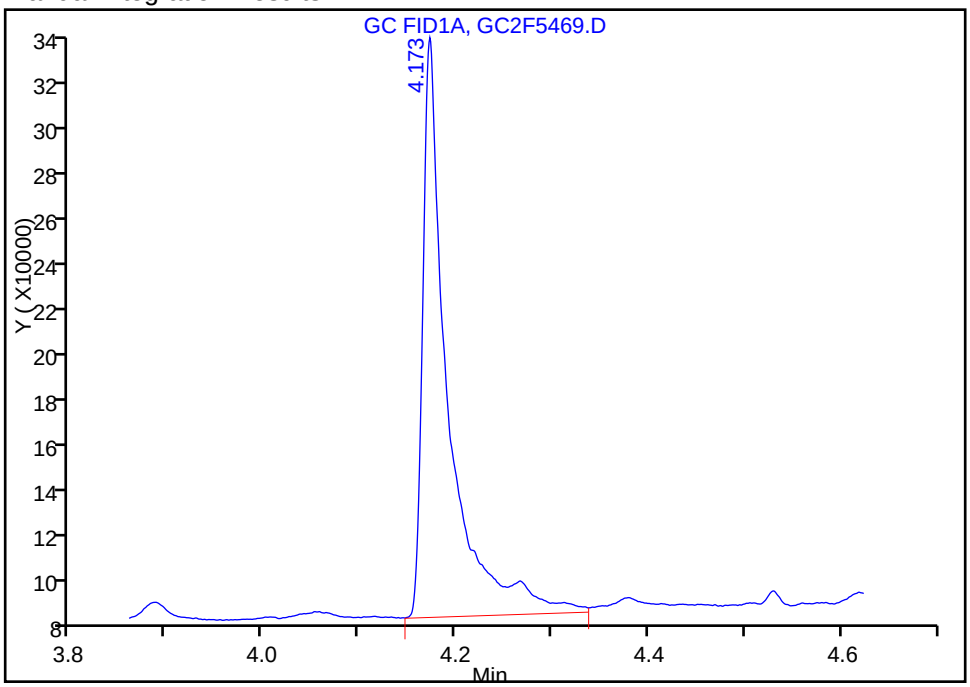
Processing Integration Results

RT: 4.17
Response: 422331
Amount: 9.413570



Manual Integration Results

RT: 4.17
Response: 458470
Amount: 10.219092



Reviewer: kimh, 19-Sep-2013 13:28:54
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-8SE-WT Lab Sample ID: 460-62993-9

Matrix: Solid Lab File ID: GC2F5397.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 09:00

Extraction Method: 3546 Date Extracted: 09/16/2013 13:05

Sample wt/vol: 15.05(g) Date Analyzed: 09/18/2013 18:45

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 9.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.0	U	6.0	6.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	73		50-105
108-90-7	Chlorobenzene	50		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5397.D		
Lims ID:	460-62993-D-9-A	Client ID:	PMP-8SE-WT
Inject. Date:	18-Sep-2013 18:45:35	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004767-033		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	31
Lims Batch ID:	181947	Lims Sample ID:	33
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:54	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

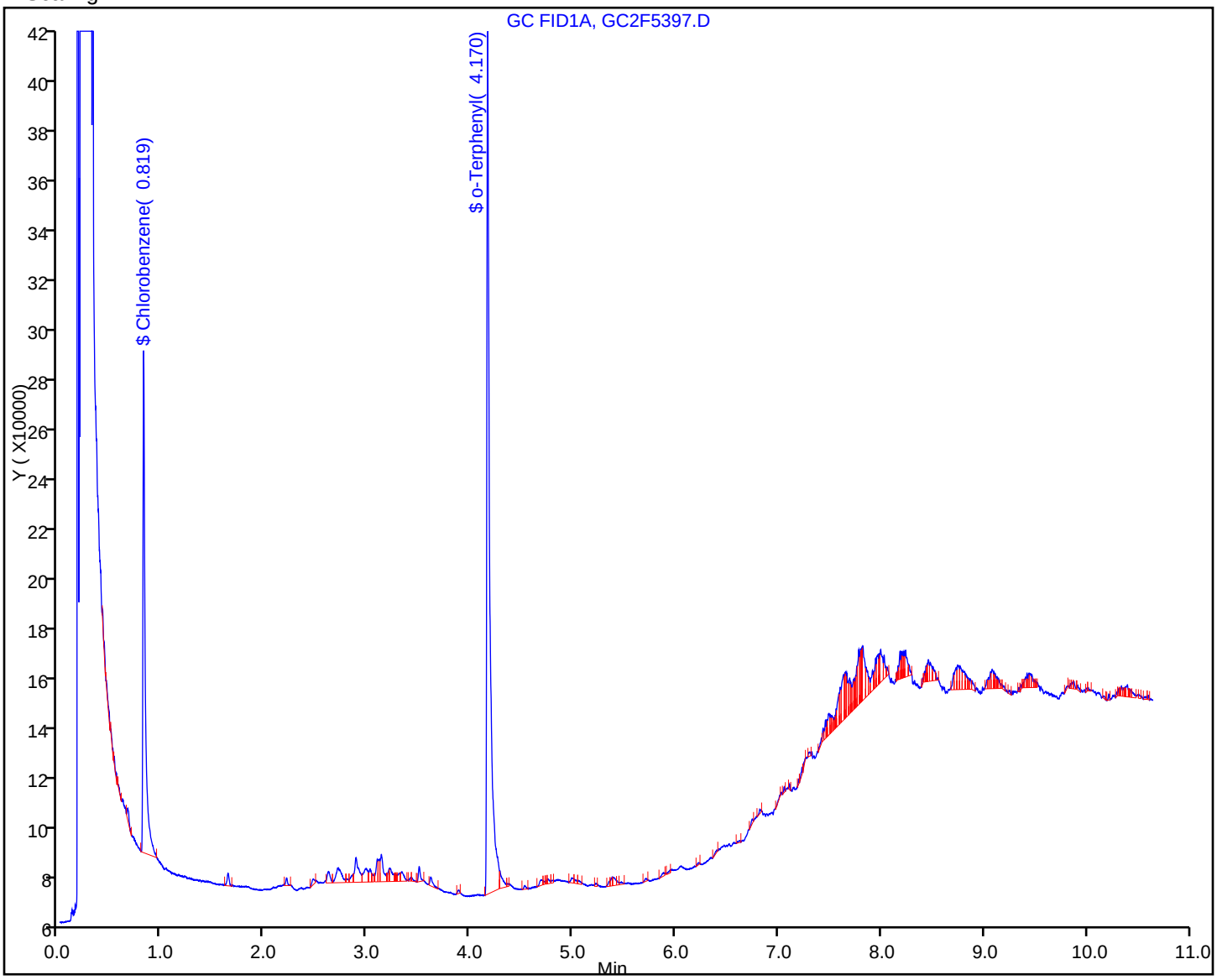
First Level Reviewer: kimh Date: 19-Sep-2013 07:02:10

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.819	0.819	0.0	299099	10.0	
$	4 o-Terphenyl					
	4.170	4.159	0.011	655074	14.6	

Report Date: 19-Sep-2013 08:25:02 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5397.D		
Injection Date:	18-Sep-2013 18:45:35	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-8SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	33
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VS | Lab Sample ID: 460-62993-10

Matrix: Solid | Lab File ID: GC2F5398.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 09/13/2013 09:20

Extraction Method: 3546 | Date Extracted: 09/16/2013 13:05

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2013 19:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	650		58	58

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	D X	50-105
108-90-7	Chlorobenzene	0	D X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5398.D		
Lims ID:	460-62993-E-10-A	Client ID:	PMP-4SE-VS
Inject. Date:	18-Sep-2013 19:00:26	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004767-034		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	32
Lims Batch ID:	181947	Lims Sample ID:	34
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:54	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:02:17

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	31585729	921.5	k

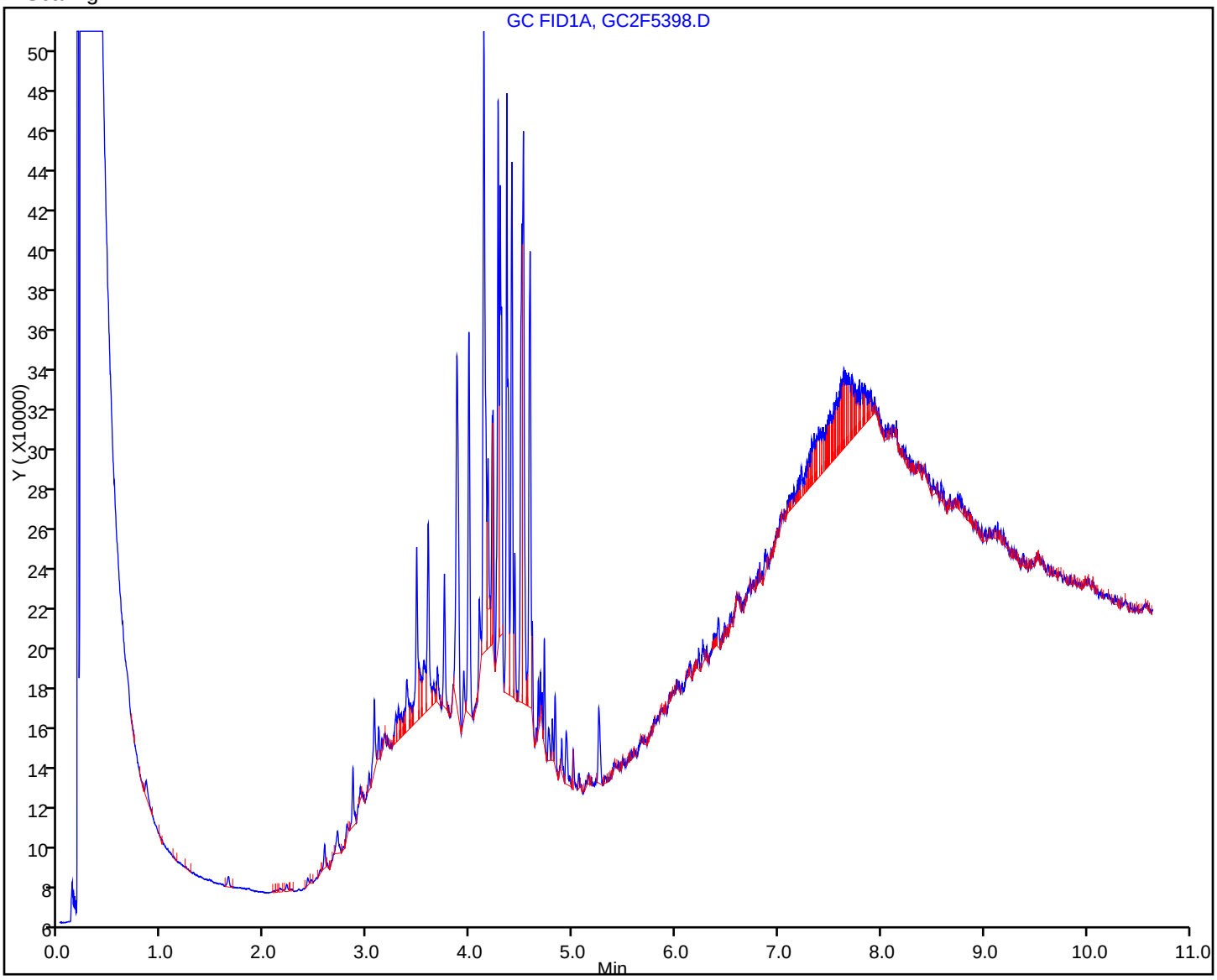
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:25:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5398.D		
Injection Date:	18-Sep-2013 19:00:26	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-4SE-VS	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	34
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-VD Lab Sample ID: 460-62993-11

Matrix: Solid Lab File ID: GC2F5470.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 09:30

Extraction Method: 3546 Date Extracted: 09/18/2013 12:53

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 13:25

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.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.9	U	5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	72		50-105
108-90-7	Chlorobenzene	54		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5470.D		
Lims ID:	460-62993-E-11-F	Client ID:	PMP-4SE-VD
Inject. Date:	19-Sep-2013 13:25:34	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-022		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	22
Lims Batch ID:	182075	Lims Sample ID:	22
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	19-Sep-2013 14:51:39	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK004		

First Level Reviewer: kimh Date: 19-Sep-2013 13:43:59

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.823	0.823	0.0	323648	10.8	
A	3 C8-C40					
	4.113	0.488	- 7.737	2197313	64.1	k
$	4 o-Terphenyl					
	4.174	4.159	0.015	649310	14.5	

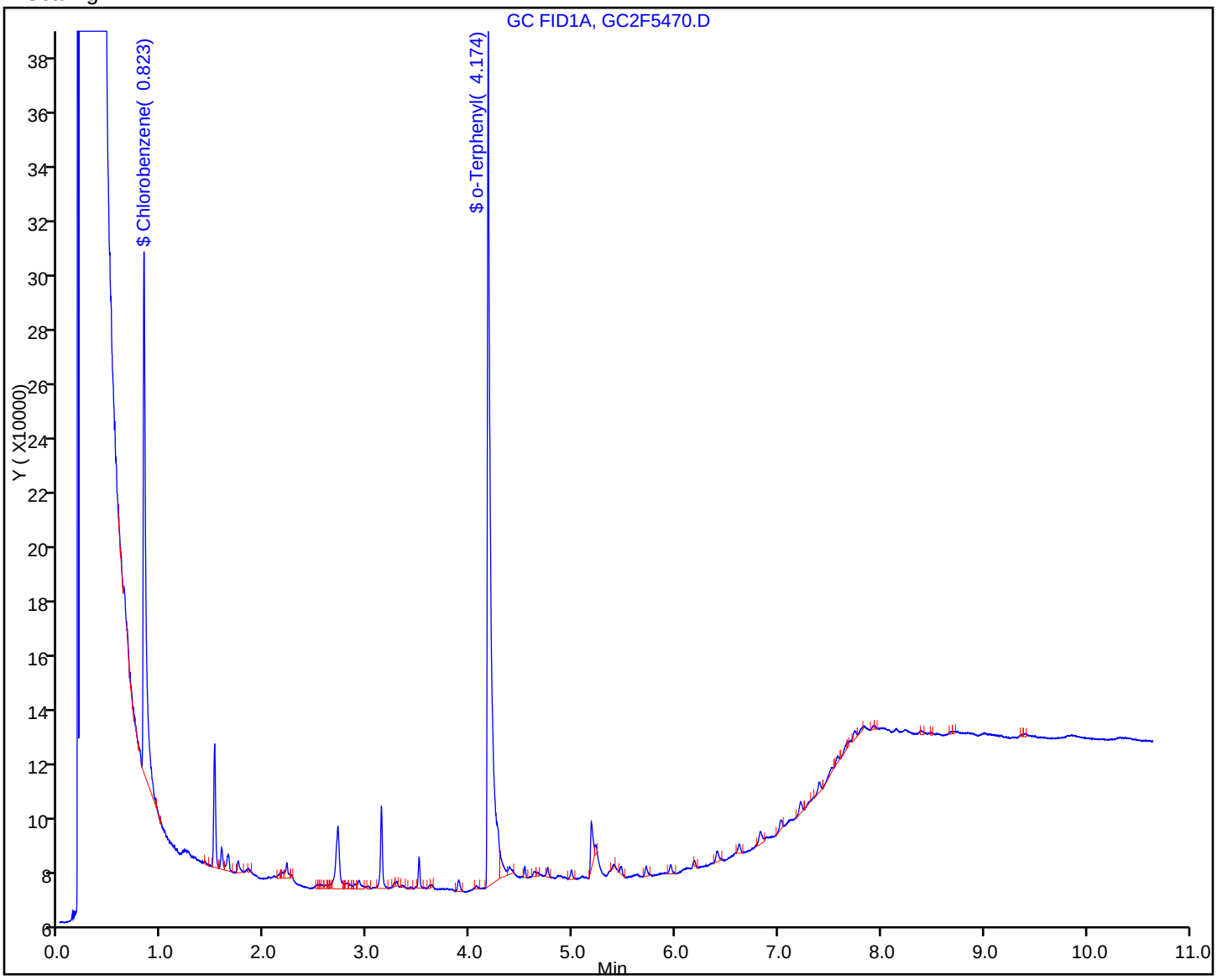
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 14:52:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5470.D		
Injection Date:	19-Sep-2013 13:25:34	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-4SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	22
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-4SE-WT Lab Sample ID: 460-62993-12

Matrix: Solid Lab File ID: GC2F5471.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 09:25

Extraction Method: 3546 Date Extracted: 09/18/2013 12:53

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 13:40

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.7	U	5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	63		50-105
108-90-7	Chlorobenzene	44		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5471.D		
Lims ID:	460-62993-E-12-D	Client ID:	PMP-4SE-WT
Inject. Date:	19-Sep-2013 13:40:21	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-023		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	23
Lims Batch ID:	182075	Lims Sample ID:	23
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	19-Sep-2013 14:51:39	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK004		

First Level Reviewer: kimh Date: 19-Sep-2013 13:53:56

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.825	0.823	0.002	262660	8.79	
A	3 C8-C40					
	4.113	0.488 -	7.737	1652392	48.2	k
$	4 o-Terphenyl					M
	4.173	4.159	0.014	562491	12.5	M

QC Flag Legend

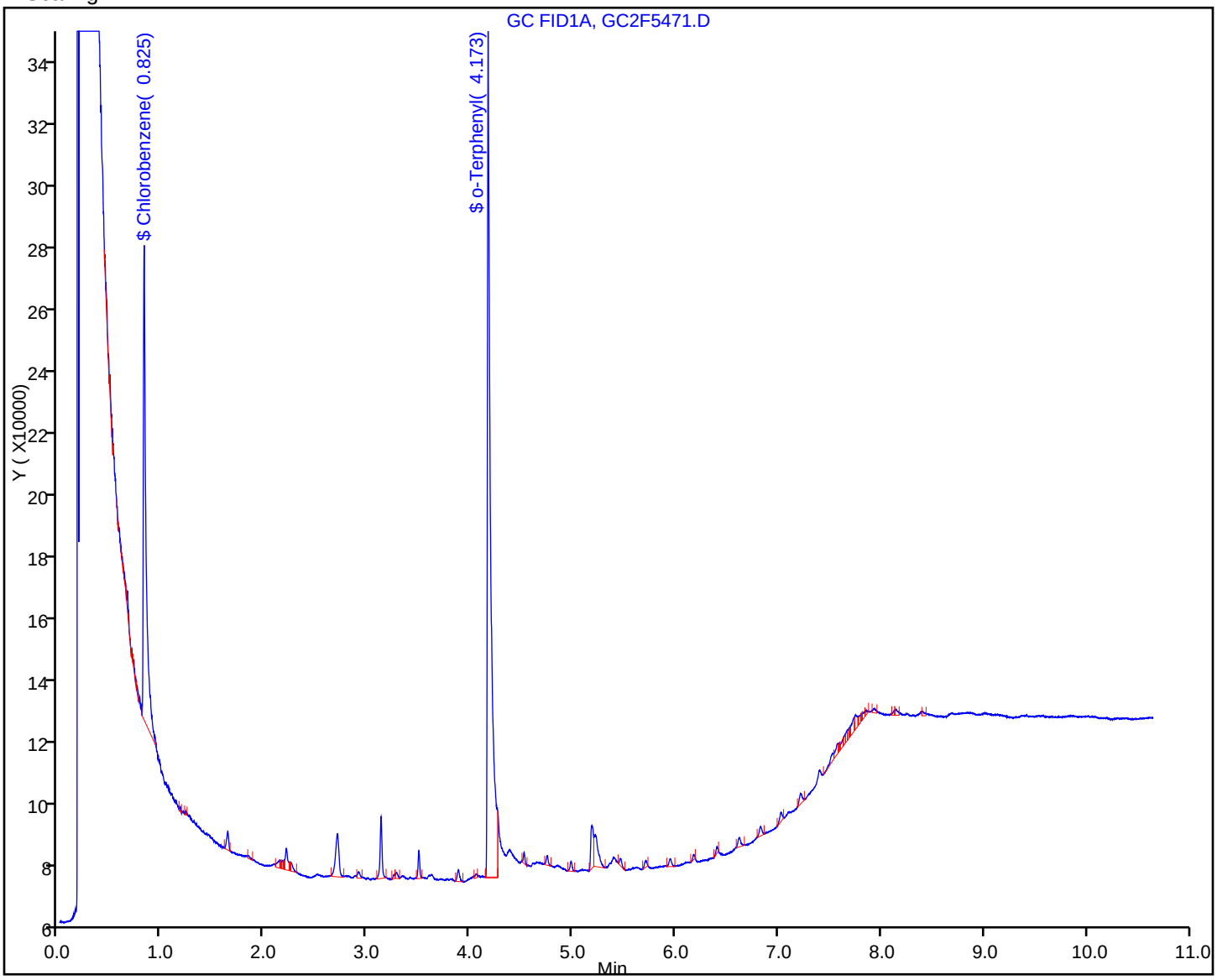
Processing Flags
k - Response Background Subtracted

Review Flags
M - Manually Integrated

Report Date: 19-Sep-2013 14:52:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5471.D		
Injection Date:	19-Sep-2013 13:40:21	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-4SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	23
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



Manual Integration/User Assign Peak Report

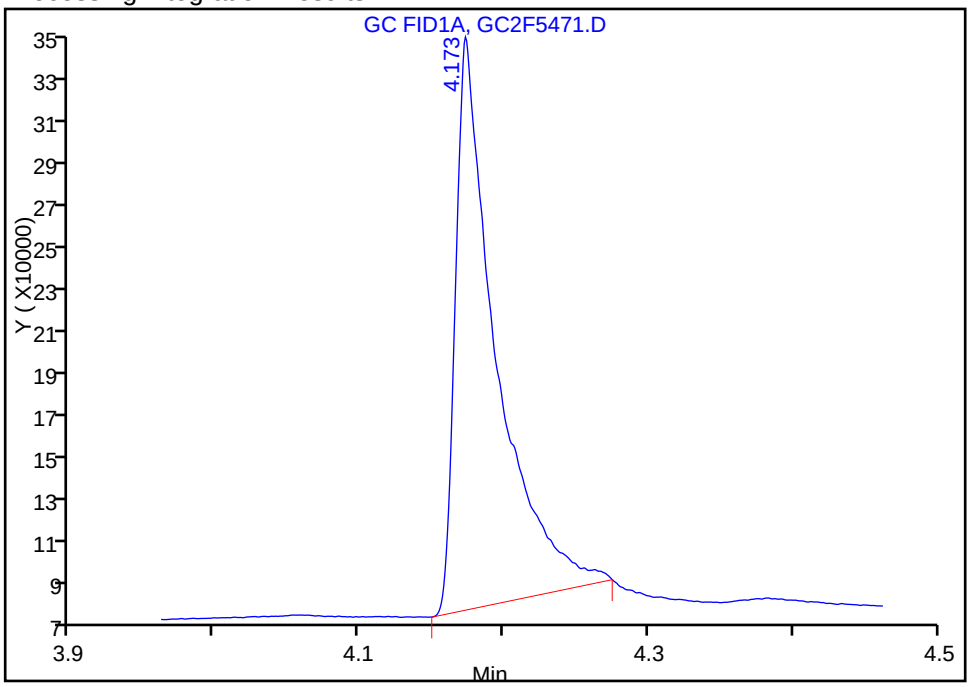
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5471.D		
Injection Date:	19-Sep-2013 13:40:21	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-4SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	23
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 4 o-Terphenyl, Signal: 1, Type: quant, RT: 4.16

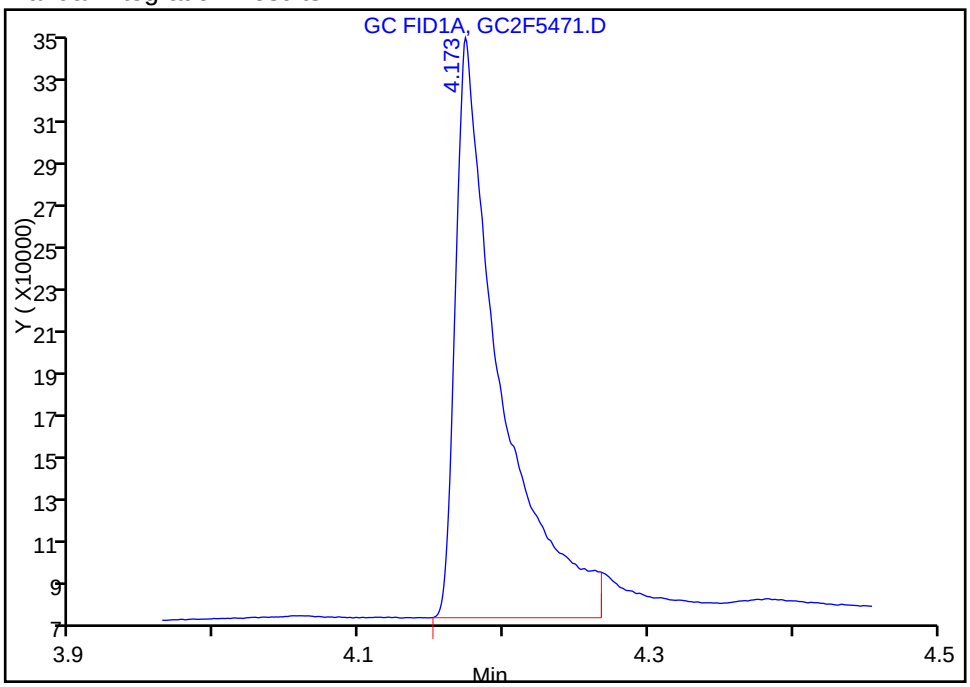
Processing Integration Results

RT: 4.17
Response: 508050
Amount: 11.324208



Manual Integration Results

RT: 4.17
Response: 562491
Amount: 12.537674



Reviewer: kimh, 19-Sep-2013 14:12:07
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-VS Lab Sample ID: 460-62993-13

Matrix: Solid Lab File ID: GC2F5401.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 09:35

Extraction Method: 3546 Date Extracted: 09/16/2013 13:05

Sample wt/vol: 15.02(g) Date Analyzed: 09/18/2013 19:44

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	130		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	56		50-105
108-90-7	Chlorobenzene	109	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5401.D		
Lims ID:	460-62993-E-13-A	Client ID:	PMP-14SE-VS
Inject. Date:	18-Sep-2013 19:44:44	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004767-037		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	33
Lims Batch ID:	181947	Lims Sample ID:	37
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:04	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:03:41

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.815	0.819	-0.004	653312	21.9	
A	3 C8-C40					
	4.116	0.490	- 7.743	61705323	1800.2	k
$	4 o-Terphenyl					
	4.153	4.159	-0.006	500026	11.1	

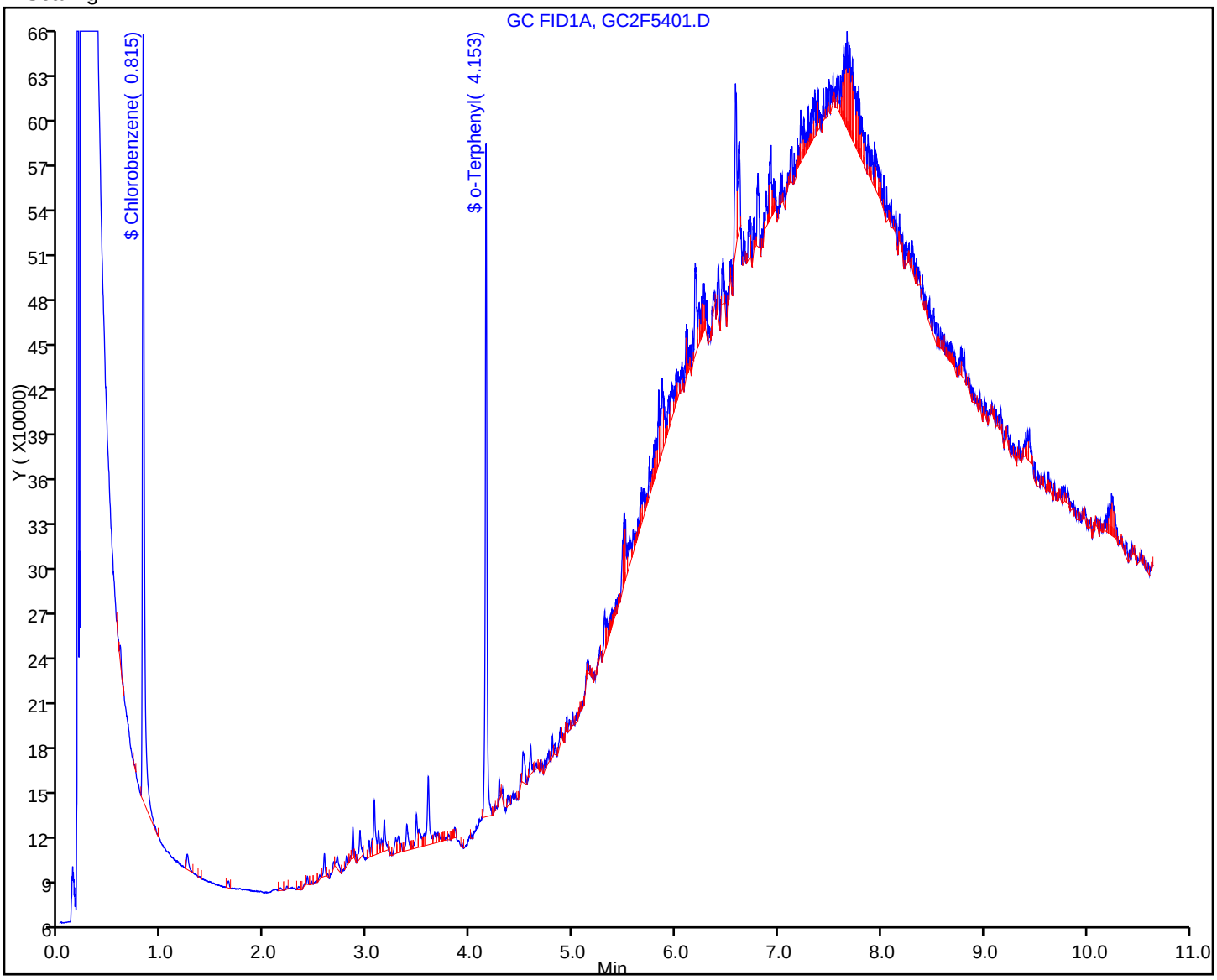
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:25:06 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5401.D		
Injection Date:	18-Sep-2013 19:44:44	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-14SE-VS	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	37
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-VD Lab Sample ID: 460-62993-14

Matrix: Solid Lab File ID: GC2F5472.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 09:40

Extraction Method: 3546 Date Extracted: 09/18/2013 12:53

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 13:54

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.7	U	5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	51		50-105
108-90-7	Chlorobenzene	34	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5472.D		
Lims ID:	460-62993-E-14-D	Client ID:	PMP-14SE-VD
Inject. Date:	19-Sep-2013 13:54:59	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-024		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	24
Lims Batch ID:	182075	Lims Sample ID:	24
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	19-Sep-2013 14:51:39	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK004		

First Level Reviewer: kimh Date: 19-Sep-2013 14:09:10

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.828	0.823	0.005	204272	6.84	
A	3 C8-C40					
	4.113	0.488 -	7.737	1759612	51.3	k
$	4 o-Terphenyl					M
	4.182	4.159	0.023	461759	10.3	M

QC Flag Legend

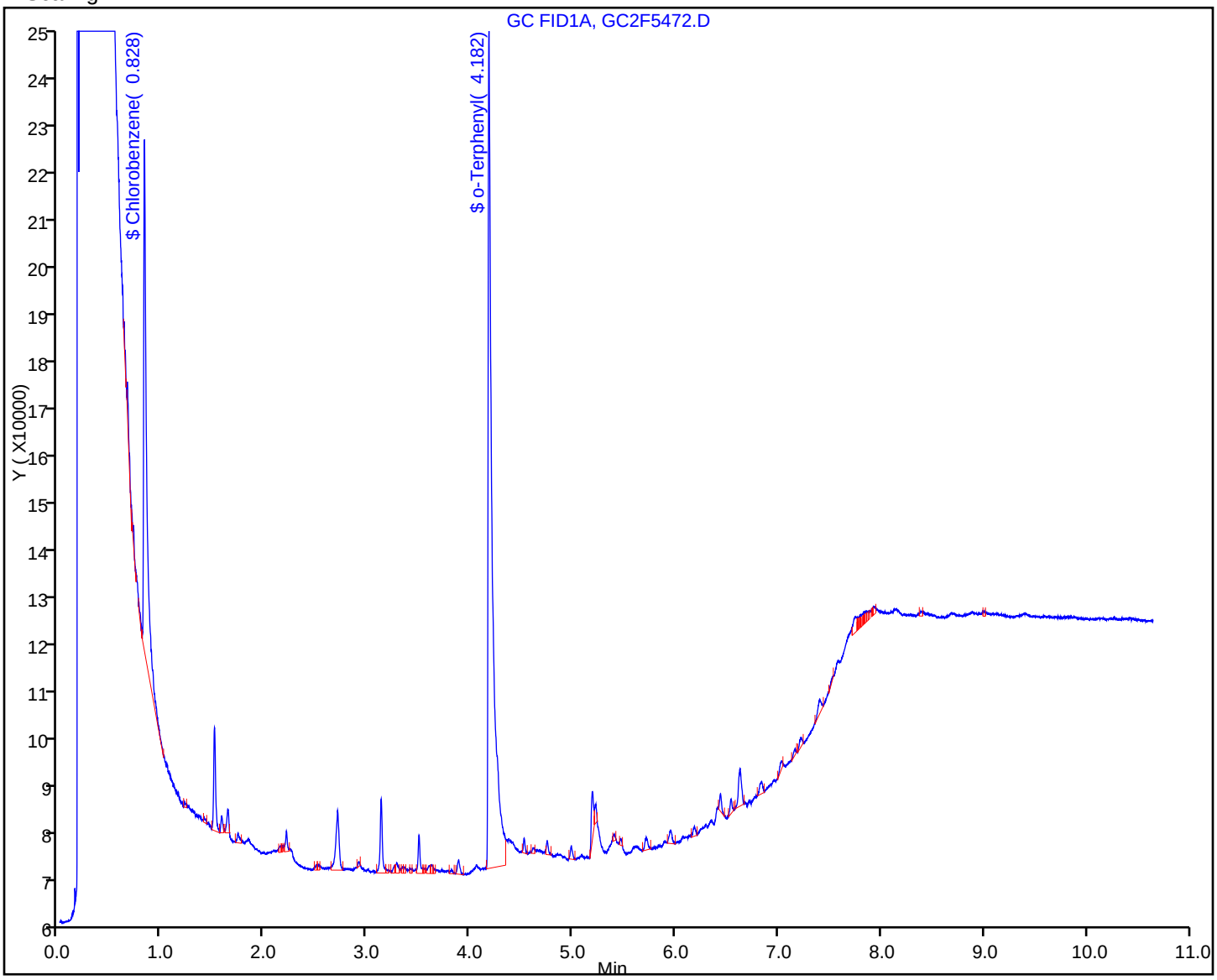
Processing Flags
k - Response Background Subtracted

Review Flags
M - Manually Integrated

Report Date: 19-Sep-2013 14:52:19 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5472.D		
Injection Date:	19-Sep-2013 13:54:59	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-14SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	24
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



Manual Integration/User Assign Peak Report

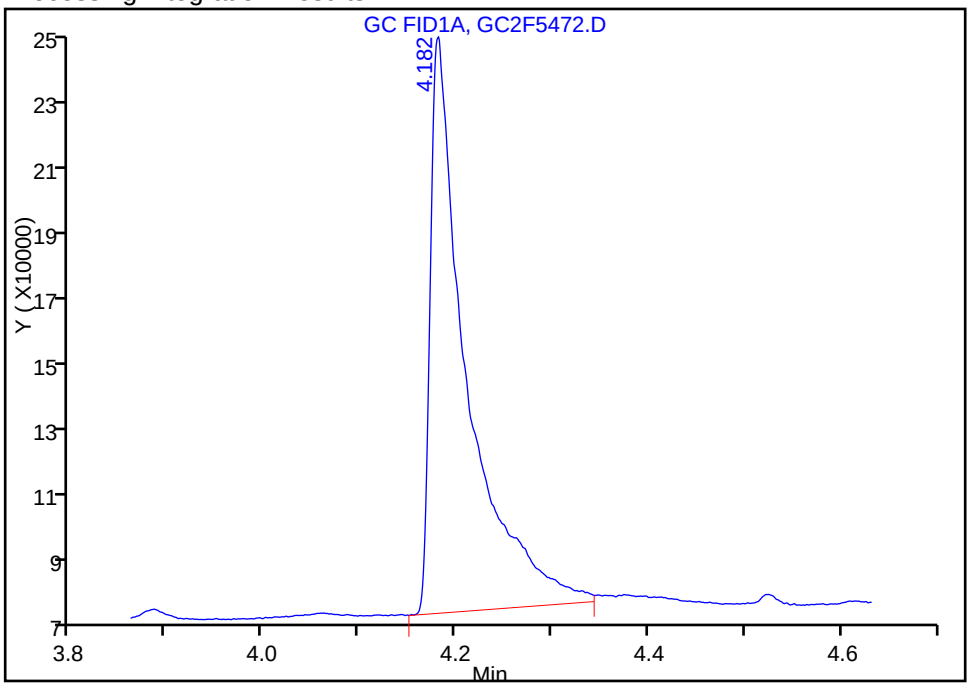
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5472.D		
Injection Date:	19-Sep-2013 13:54:59	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-14SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	24
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 4 o-Terphenyl, Signal: 1, Type: quant, RT: 4.16

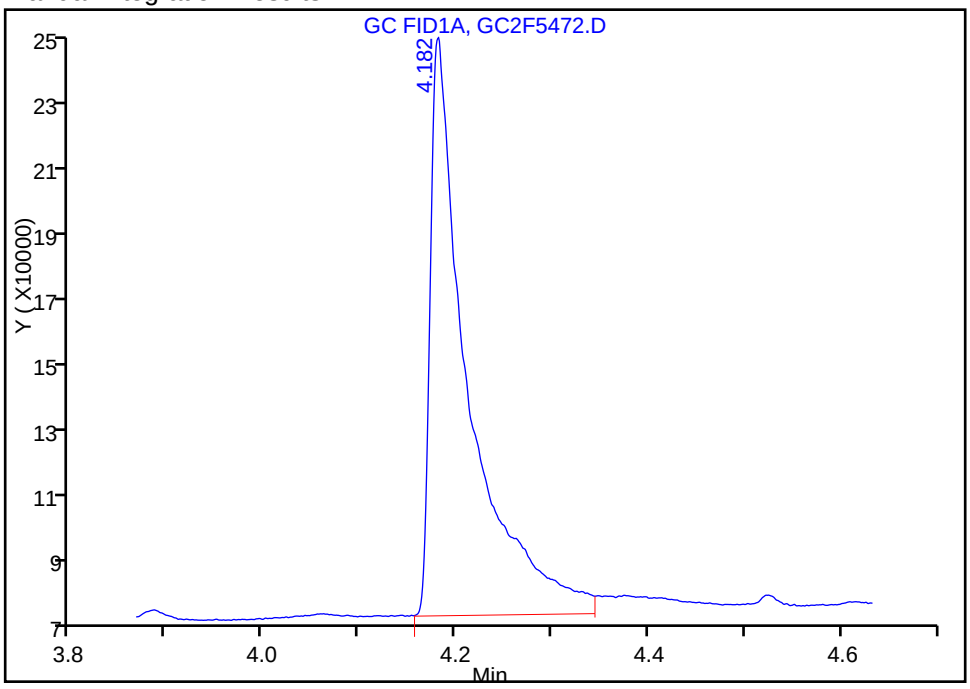
Processing Integration Results

RT: 4.18
Response: 442570
Amount: 9.864688



Manual Integration Results

RT: 4.18
Response: 461759
Amount: 10.292402



Reviewer: kimh, 19-Sep-2013 14:09:27
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-WT Lab Sample ID: 460-62993-15

Matrix: Solid Lab File ID: GC2F5456.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 09:45

Extraction Method: 3546 Date Extracted: 09/18/2013 12:53

Sample wt/vol: 15.00(g) Date Analyzed: 09/19/2013 09:37

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.7	U	5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	55		50-105
108-90-7	Chlorobenzene	41		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5456.D		
Lims ID:	460-62993-E-15-F	Client ID:	PMP-14SE-WT
Inject. Date:	19-Sep-2013 09:37:32	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-008		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	182075	Lims Sample ID:	8
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	19-Sep-2013 13:17:08	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

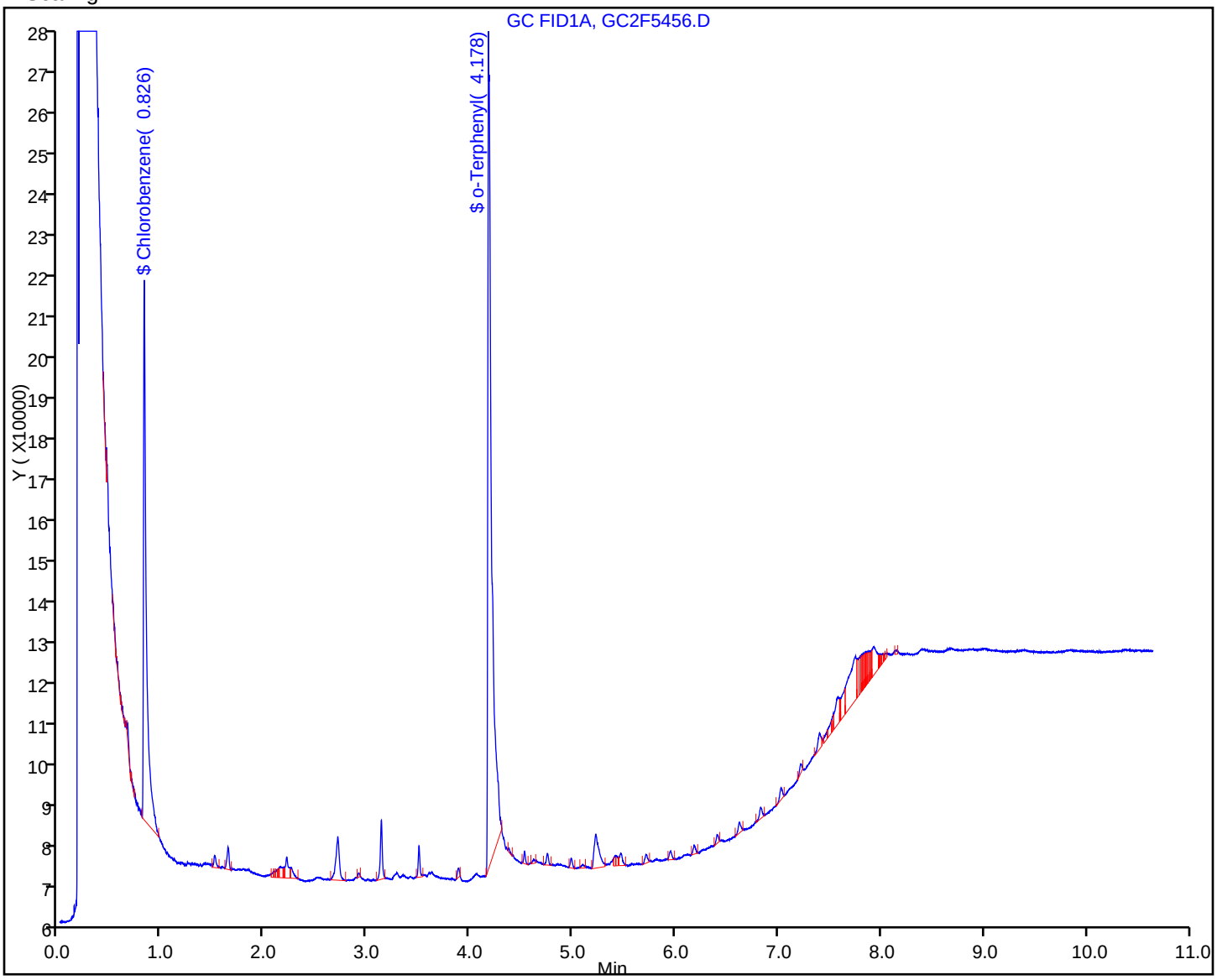
First Level Reviewer: kimh Date: 19-Sep-2013 09:49:43

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.826	0.825	0.001	246887	8.27	
$	4 o-Terphenyl					
	4.178	4.159	0.019	493945	11.0	

Report Date: 19-Sep-2013 13:17:12 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5456.D		
Injection Date:	19-Sep-2013 09:37:32	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-14SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	8
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-VS Lab Sample ID: 460-62993-16

Matrix: Solid Lab File ID: GC2F5402.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 09:50

Extraction Method: 3546 Date Extracted: 09/16/2013 13:05

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 19:59

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	15		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	60		50-105
108-90-7	Chlorobenzene	125	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5402.D		
Lims ID:	460-62993-E-16-A	Client ID:	PMP-25SE-VS
Inject. Date:	18-Sep-2013 19:59:20	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004767-038		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	34
Lims Batch ID:	181947	Lims Sample ID:	38
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:04	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:03:53

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.815	0.819	-0.004	745199	24.9	
A	3 C8-C40					
	4.116	0.490	- 7.743	7165400	209.0	k
$	4 o-Terphenyl					
	4.159	4.159	0.0	535066	11.9	

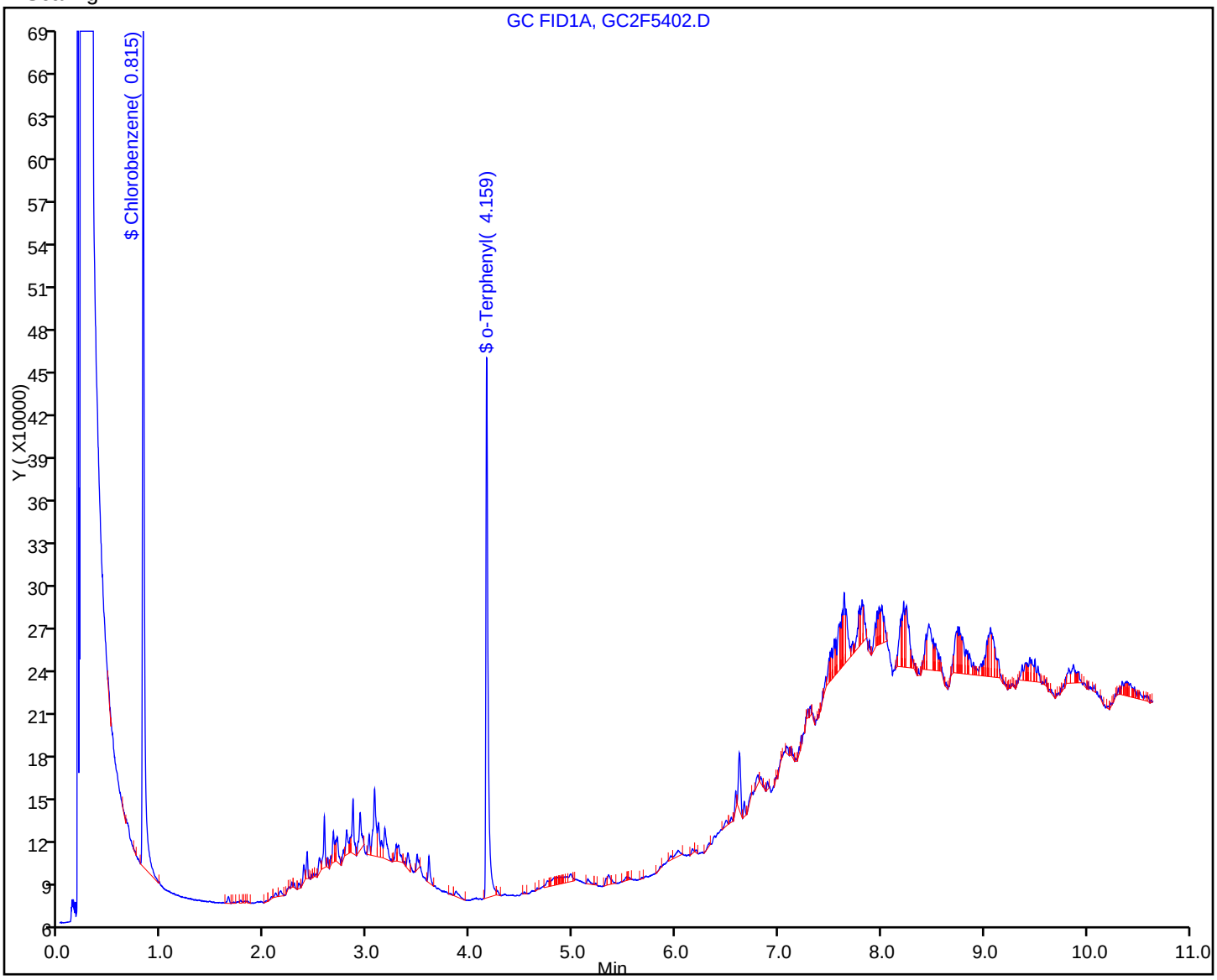
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:25:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5402.D		
Injection Date:	18-Sep-2013 19:59:20	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-25SE-VS	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	38
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-VD Lab Sample ID: 460-62993-17

Matrix: Solid Lab File ID: GC2F5473.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 09:55

Extraction Method: 3546 Date Extracted: 09/18/2013 12:53

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 14:09

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.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.6		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	71		50-105
108-90-7	Chlorobenzene	53		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5473.D		
Lims ID:	460-62993-E-17-D	Client ID:	PMP-25SE-VD
Inject. Date:	19-Sep-2013 14:09:32	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-025		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	25
Lims Batch ID:	182075	Lims Sample ID:	25
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	19-Sep-2013 14:51:39	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK004		

First Level Reviewer: kimh Date: 19-Sep-2013 14:24:31

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.823	0.823	0.0	316081	10.6	
A	3 C8-C40					
	4.113	0.488	- 7.737	3244626	94.7	k
$	4 o-Terphenyl					
	4.175	4.159	0.016	640342	14.3	

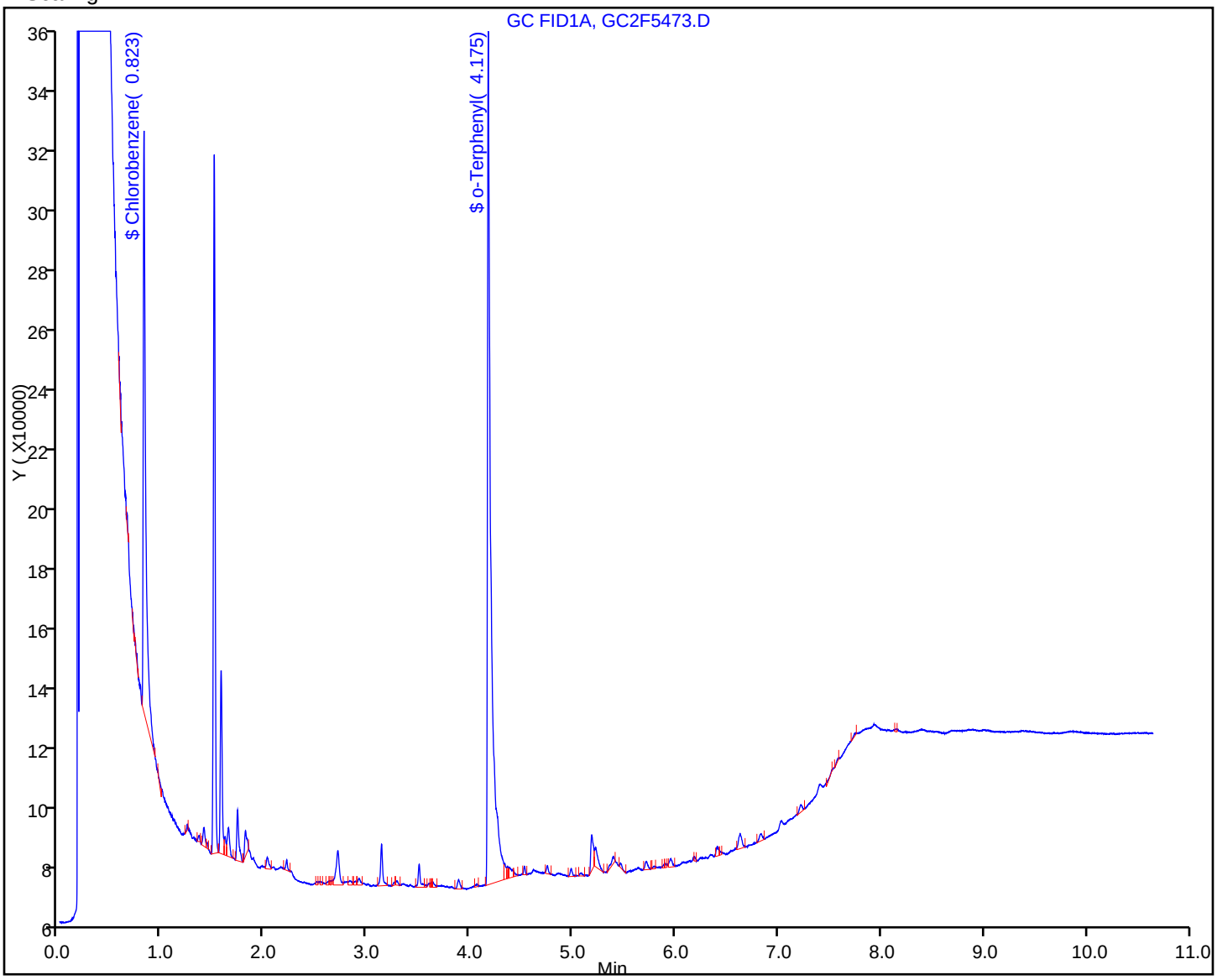
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 14:52:19 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5473.D		
Injection Date:	19-Sep-2013 14:09:32	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-25SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	25
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-25SE-WT Lab Sample ID: 460-62993-18

Matrix: Solid Lab File ID: GC2F5403.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 10:00

Extraction Method: 3546 Date Extracted: 09/16/2013 13:05

Sample wt/vol: 15.05(g) Date Analyzed: 09/18/2013 20:13

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	17		6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	68		50-105
108-90-7	Chlorobenzene	54		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5403.D		
Lims ID:	460-62993-E-18-A	Client ID:	PMP-25SE-WT
Inject. Date:	18-Sep-2013 20:13:58	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004767-039		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	35
Lims Batch ID:	181947	Lims Sample ID:	39
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:04	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:04:29

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.817	0.819	-0.002	320594	10.7	
A	3 C8-C40					
	4.116	0.490	- 7.743	7634183	222.7	k
$	4 o-Terphenyl					
	4.161	4.159	0.002	611648	13.6	

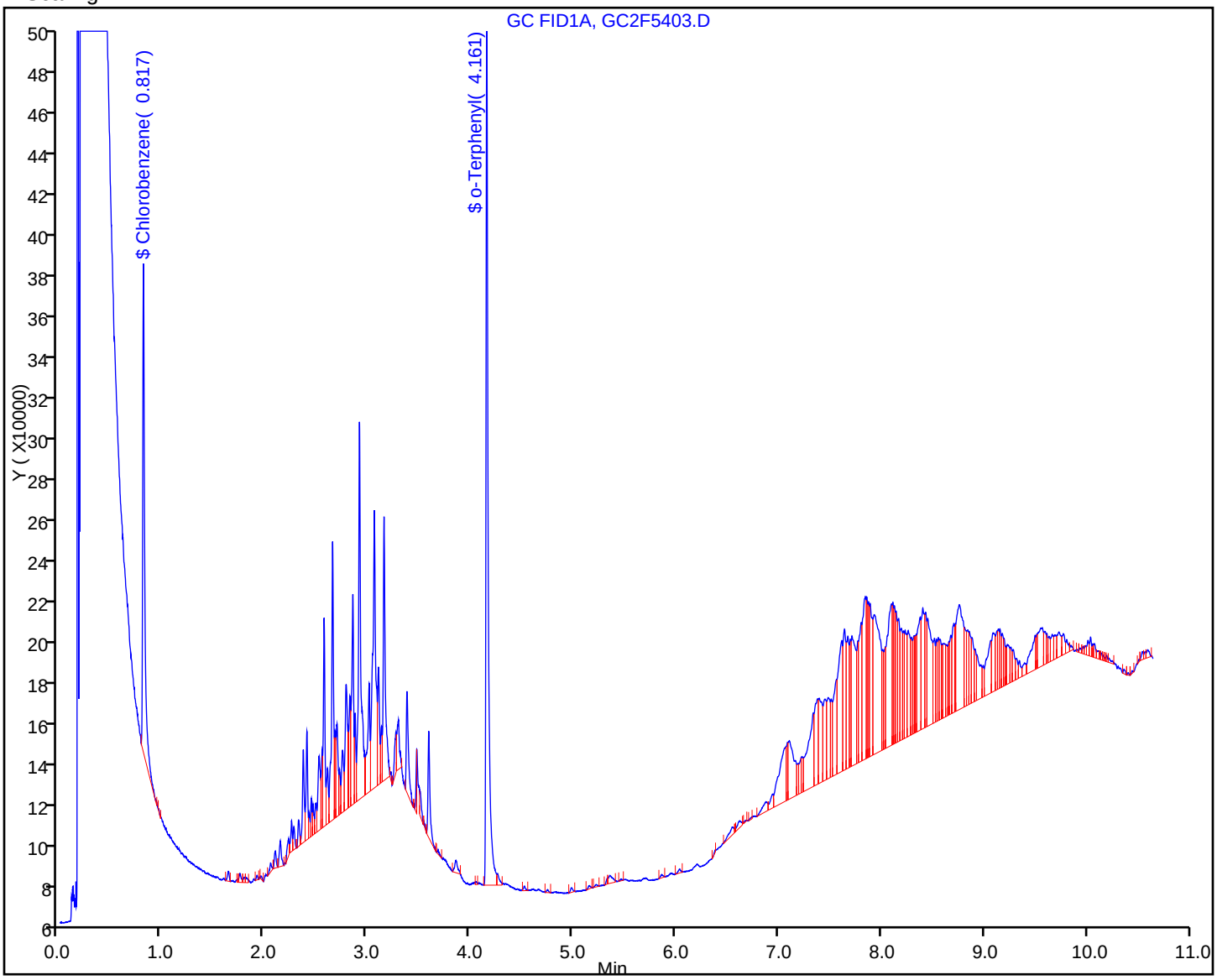
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:25:08 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5403.D		
Injection Date:	18-Sep-2013 20:13:58	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-25SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	39
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-VD Lab Sample ID: 460-62993-19

Matrix: Solid Lab File ID: GC2F5404.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 10:10

Extraction Method: 3546 Date Extracted: 09/16/2013 13:05

Sample wt/vol: 15.05(g) Date Analyzed: 09/18/2013 20:28

Con. Extract Vol.: 1(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	3600		120	120

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5404.D		
Lims ID:	460-62993-E-19-A	Client ID:	PMP-7SE-VD
Inject. Date:	18-Sep-2013 20:28:46	Dil. Factor:	20.0000
Sample Type:	Client		
Sample ID:	460-0004767-040		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	36
Lims Batch ID:	181947	Lims Sample ID:	40
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:04	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:04:35

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	88843194	2592.0	k

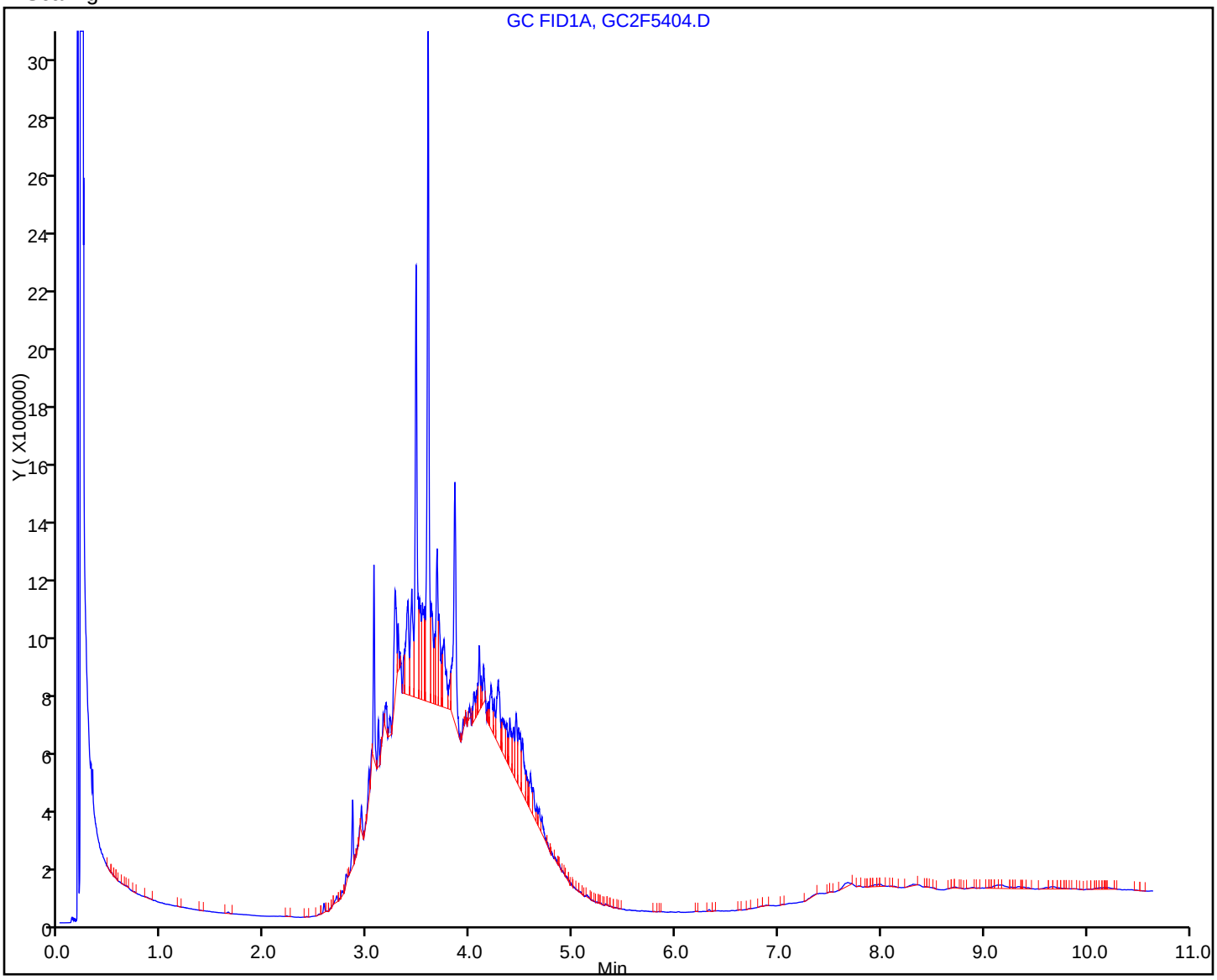
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:25:10 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5404.D		
Injection Date:	18-Sep-2013 20:28:46	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-7SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	40
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-WT Lab Sample ID: 460-62993-20

Matrix: Solid Lab File ID: GC2F5405.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 10:15

Extraction Method: 3546 Date Extracted: 09/16/2013 13:05

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 20:43

Con. Extract Vol.: 1(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 10.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	3500		120	120

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5405.D		
Lims ID:	460-62993-E-20-A	Client ID:	PMP-7SE-WT
Inject. Date:	18-Sep-2013 20:43:30	Dil. Factor:	20.0000
Sample Type:	Client		
Sample ID:	460-0004767-041		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	37
Lims Batch ID:	181947	Lims Sample ID:	41
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:04	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:04:40

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	79874807	2330.3	k

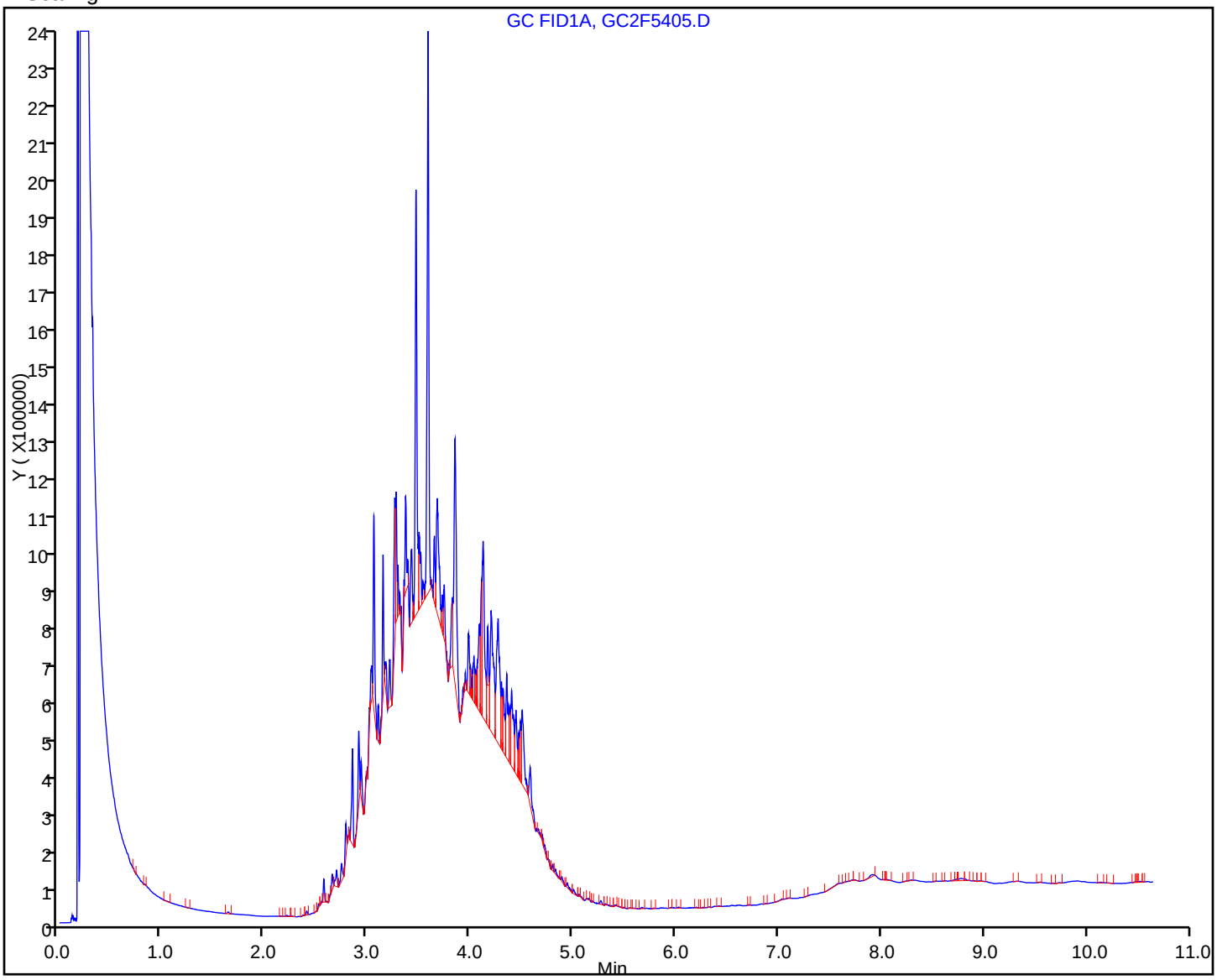
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:25:11 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5405.D		
Injection Date:	18-Sep-2013 20:43:30	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-7SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	41
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-7SE-SI Lab Sample ID: 460-62993-21

Matrix: Solid Lab File ID: GC2F5406.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 10:20

Extraction Method: 3546 Date Extracted: 09/16/2013 13:05

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 20:58

Con. Extract Vol.: 1(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 15.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	3400		130	130

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5406.D		
Lims ID:	460-62993-E-21-A	Client ID:	PMP-7SE-SI
Inject. Date:	18-Sep-2013 20:58:06	Dil. Factor:	20.0000
Sample Type:	Client		
Sample ID:	460-0004767-042		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	38
Lims Batch ID:	181947	Lims Sample ID:	42
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:04	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:04:45

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	73208784	2135.9	k

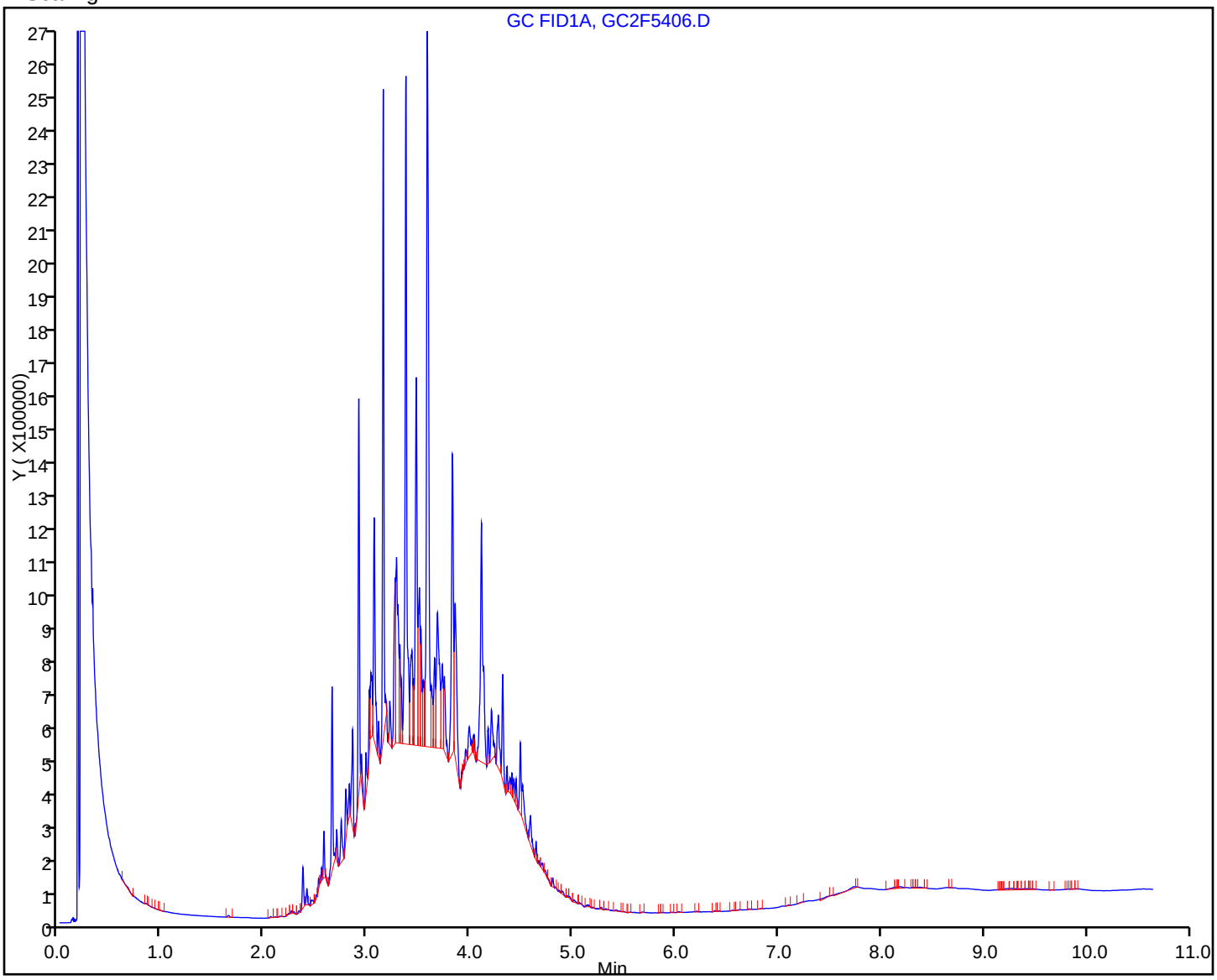
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:25:12 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5406.D		
Injection Date:	18-Sep-2013 20:58:06	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-7SE-SI	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	42
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-VD Lab Sample ID: 460-62993-22

Matrix: Solid Lab File ID: GC2F5413.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 10:45

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 22:40

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	56		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	100		50-105
108-90-7	Chlorobenzene	57		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5413.D		
Lims ID:	460-62993-E-22-E	Client ID:	PMP-10SE-VD
Inject. Date:	18-Sep-2013 22:40:50	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004767-049		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	43
Lims Batch ID:	181947	Lims Sample ID:	49
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:14	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:10:51

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.820	0.819	0.001	343038	11.5	
A	3 C8-C40					
	4.116	0.490 -	7.743	27458559	801.1	k
$	4 o-Terphenyl					
	4.154	4.159	-0.005	895767	20.0	

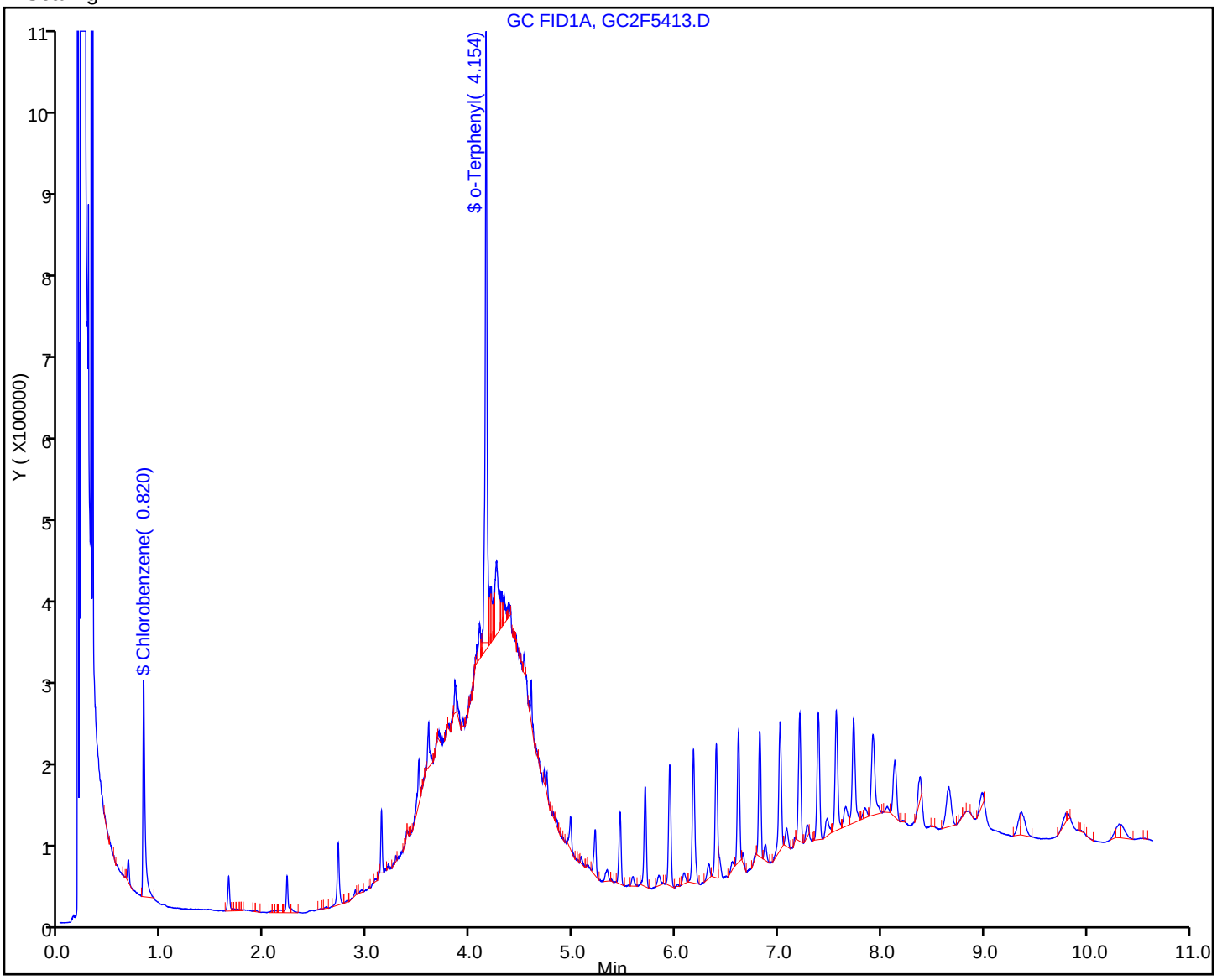
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:25:19 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5413.D		
Injection Date:	18-Sep-2013 22:40:50	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-10SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	49
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-WT Lab Sample ID: 460-62993-23

Matrix: Solid Lab File ID: GC2F5414.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 10:50

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 22:55

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	8.4		6.2	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	78		50-105
108-90-7	Chlorobenzene	48		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5414.D		
Lims ID:	460-62993-E-23-C	Client ID:	PMP-10SE-WT
Inject. Date:	18-Sep-2013 22:55:41	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004767-050		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	44
Lims Batch ID:	181947	Lims Sample ID:	50
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:14	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:10:59

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.820	0.819	0.001	284052	9.51	
A	3 C8-C40					
	4.116	0.490 -	7.743	3820151	111.5	k
$	4 o-Terphenyl					
	4.160	4.159	0.001	695452	15.5	

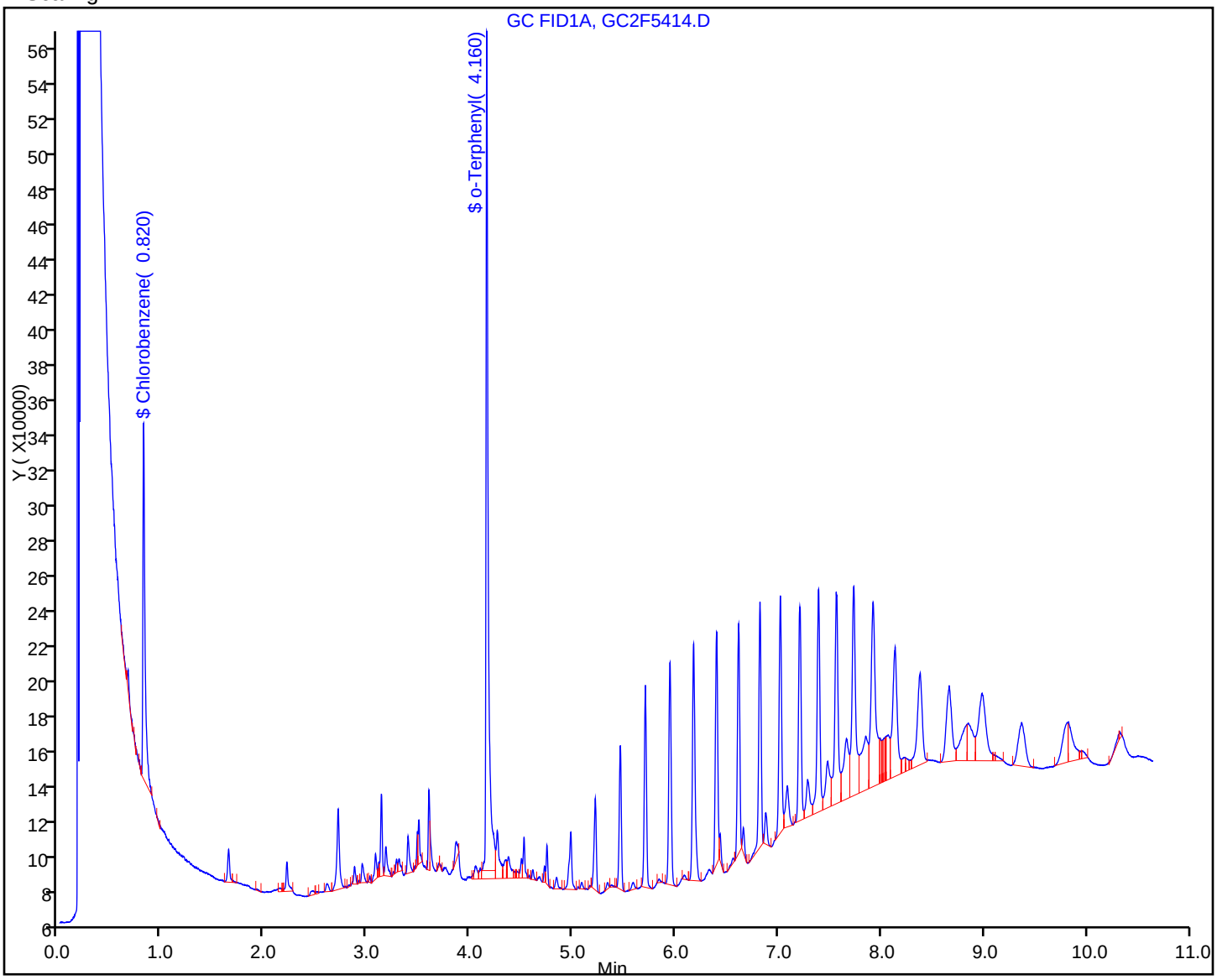
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:25:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5414.D		
Injection Date:	18-Sep-2013 22:55:41	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-10SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	50
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-SI Lab Sample ID: 460-62993-24

Matrix: Solid Lab File ID: GC2F5415.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 10:55

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.04(g) Date Analyzed: 09/18/2013 23:10

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	7.8		6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	70		50-105
108-90-7	Chlorobenzene	45		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5415.D		
Lims ID:	460-62993-E-24-C	Client ID:	PMP-10SE-SI
Inject. Date:	18-Sep-2013 23:10:18	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004767-051		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	45
Lims Batch ID:	181947	Lims Sample ID:	51
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:14	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:11:10

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.823	0.819	0.004	268575	8.99	
A	3 C8-C40					
	4.116	0.490 -	7.743	3433480	100.2	k
$	4 o-Terphenyl					
	4.168	4.159	0.009	625901	14.0	

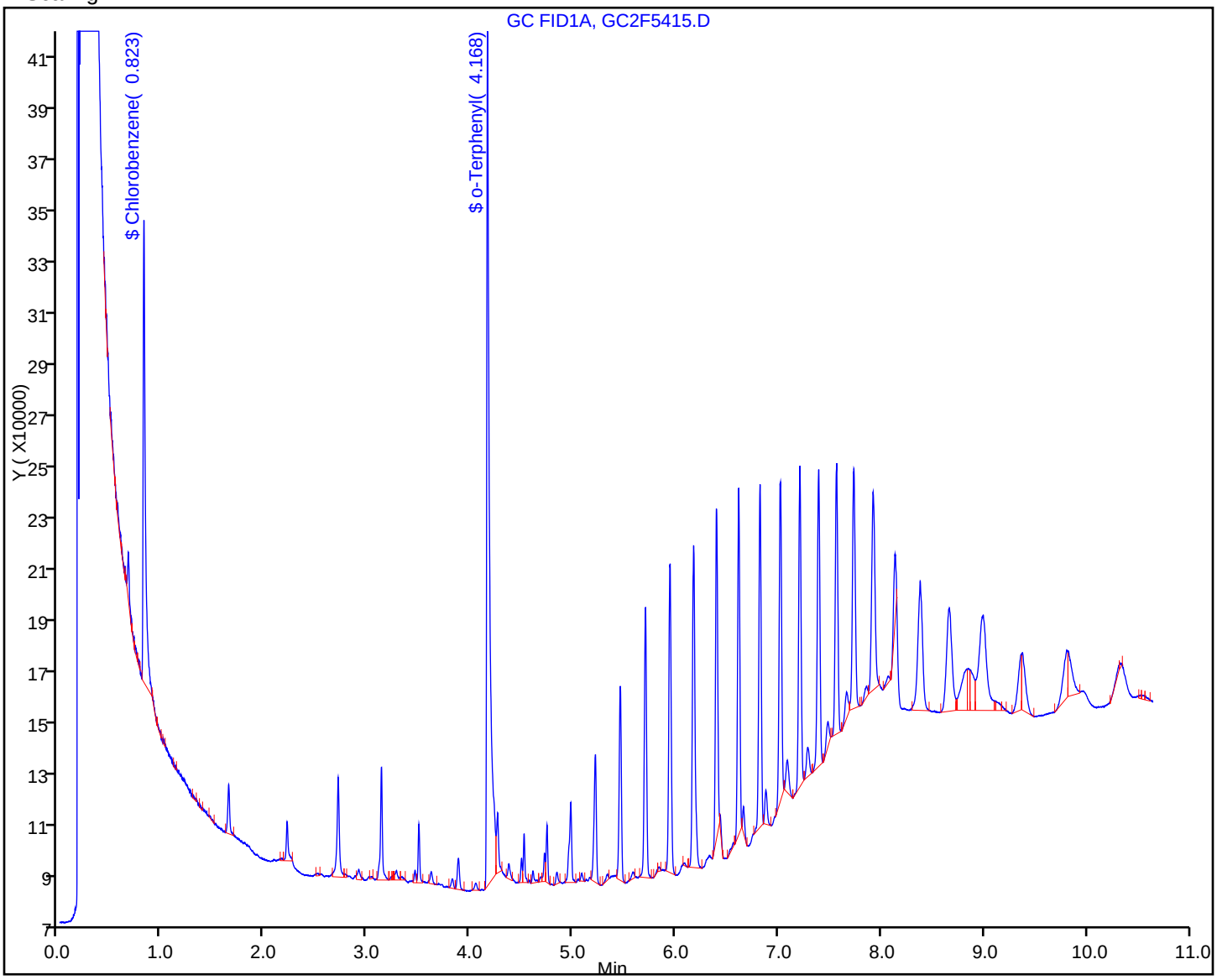
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:25:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5415.D		
Injection Date:	18-Sep-2013 23:10:18	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-10SE-SI	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	51
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-SD Lab Sample ID: 460-62993-25

Matrix: Solid Lab File ID: GC2F5416.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 11:00

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 23:24

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 18.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.7	U	6.7	6.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	94		50-105
108-90-7	Chlorobenzene	62		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5416.D		
Lims ID:	460-62993-E-25-C	Client ID:	PMP-10SE-SD
Inject. Date:	18-Sep-2013 23:24:54	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004767-052		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	46
Lims Batch ID:	181947	Lims Sample ID:	52
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:14	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:11:15

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.820	0.819	0.001	372435	12.5	
A	3 C8-C40					
	4.116	0.490 -	7.743	1296955	37.8	k
$	4 o-Terphenyl					
	4.164	4.159	0.005	844218	18.8	

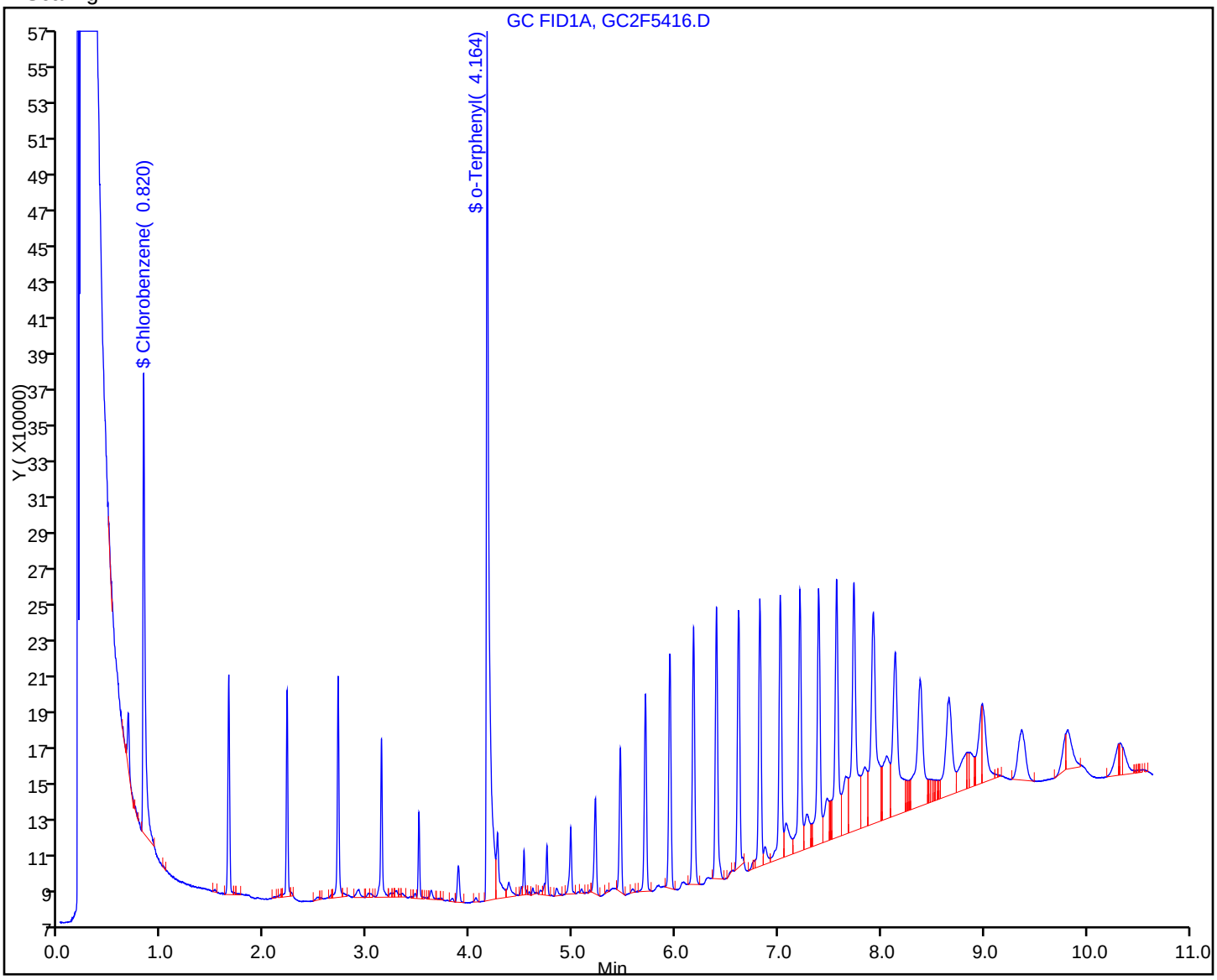
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:25:22 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5416.D		
Injection Date:	18-Sep-2013 23:24:54	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-10SE-SD	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	52
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-VD Lab Sample ID: 460-62993-26

Matrix: Solid Lab File ID: GC2F5419.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 11:10

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 00:09

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.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.8	U	5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	110		50-105
108-90-7	Chlorobenzene	72		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5419.D		
Lims ID:	460-62993-E-26-C	Client ID:	PMP-13SE-VD
Inject. Date:	19-Sep-2013 00:09:07	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004767-053		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	47
Lims Batch ID:	181947	Lims Sample ID:	53
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:25	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:11:55

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.819	0.819	0.0	433053	14.5	
A	3 C8-C40					
	4.116	0.490	- 7.743	2532323	73.9	k
$	4 o-Terphenyl					M
	4.160	4.159	0.001	988678	22.0	M

QC Flag Legend

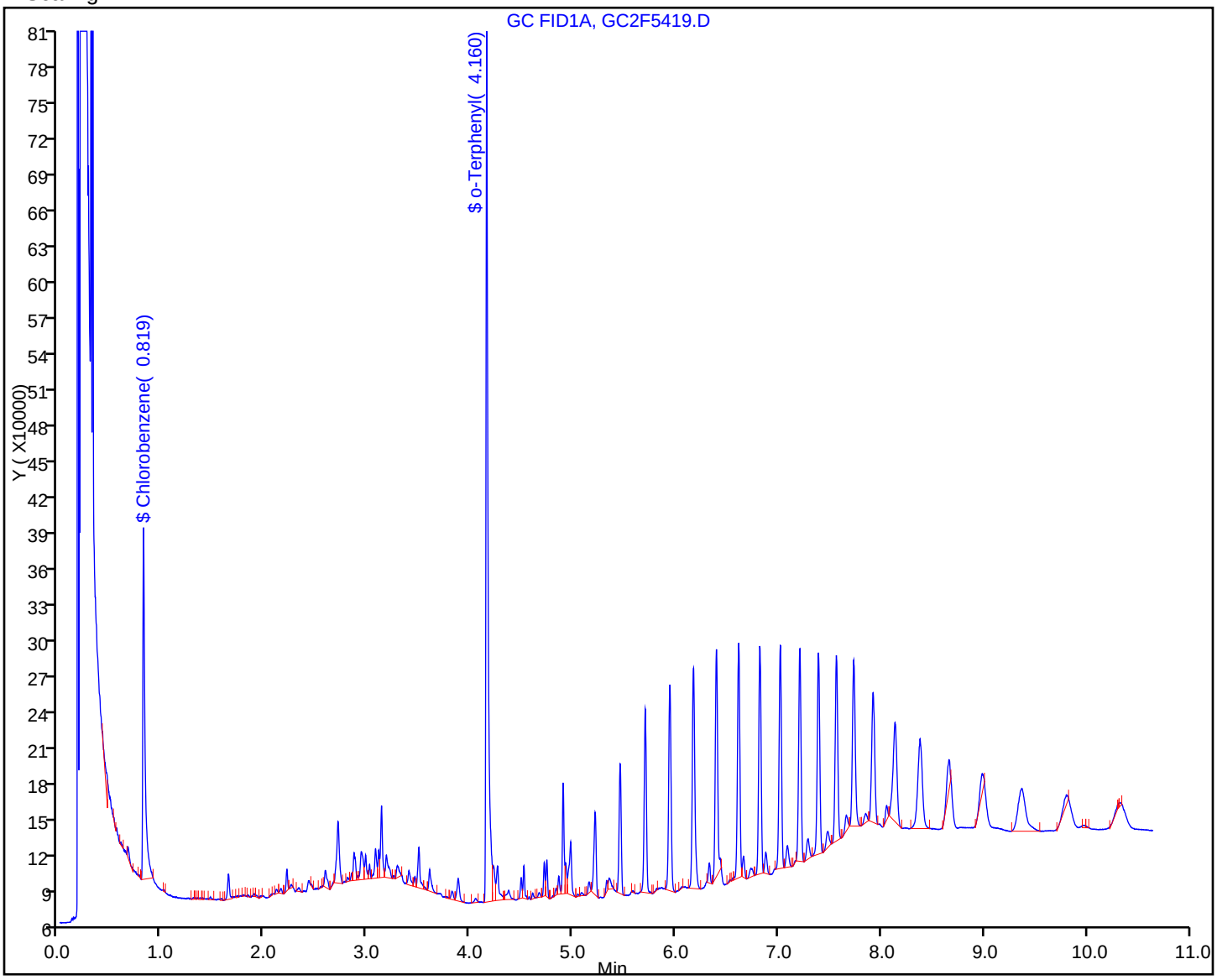
Processing Flags
k - Response Background Subtracted

Review Flags
M - Manually Integrated

Report Date: 19-Sep-2013 08:25:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5419.D		
Injection Date:	19-Sep-2013 00:09:07	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-13SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	53
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



Manual Integration/User Assign Peak Report

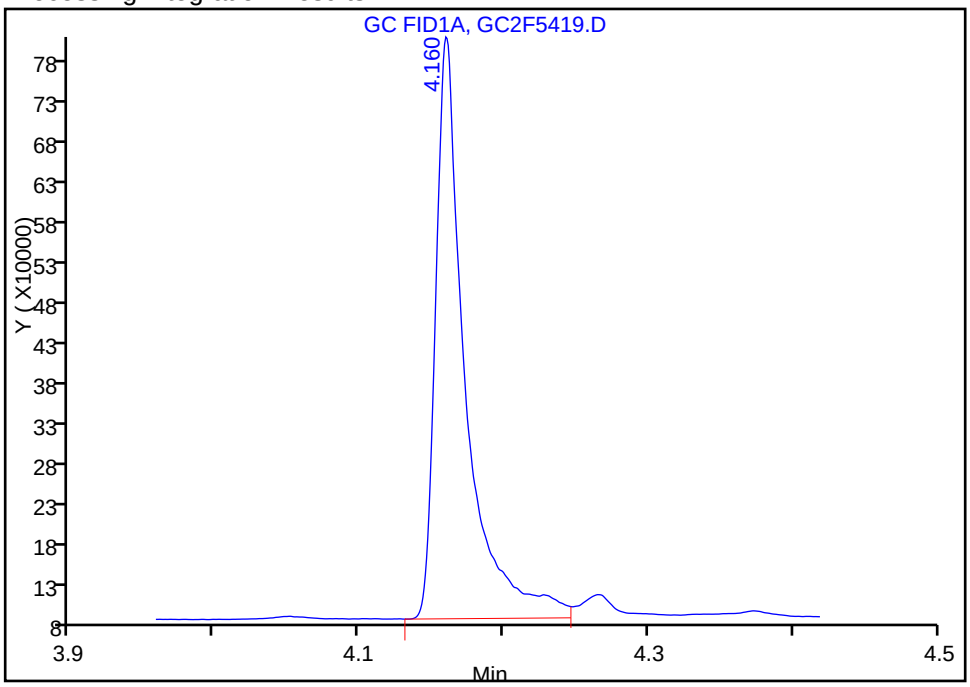
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5419.D		
Injection Date:	19-Sep-2013 00:09:07	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-13SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	53
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 4 o-Terphenyl, Signal: 1, Type: quant, RT: 4.16

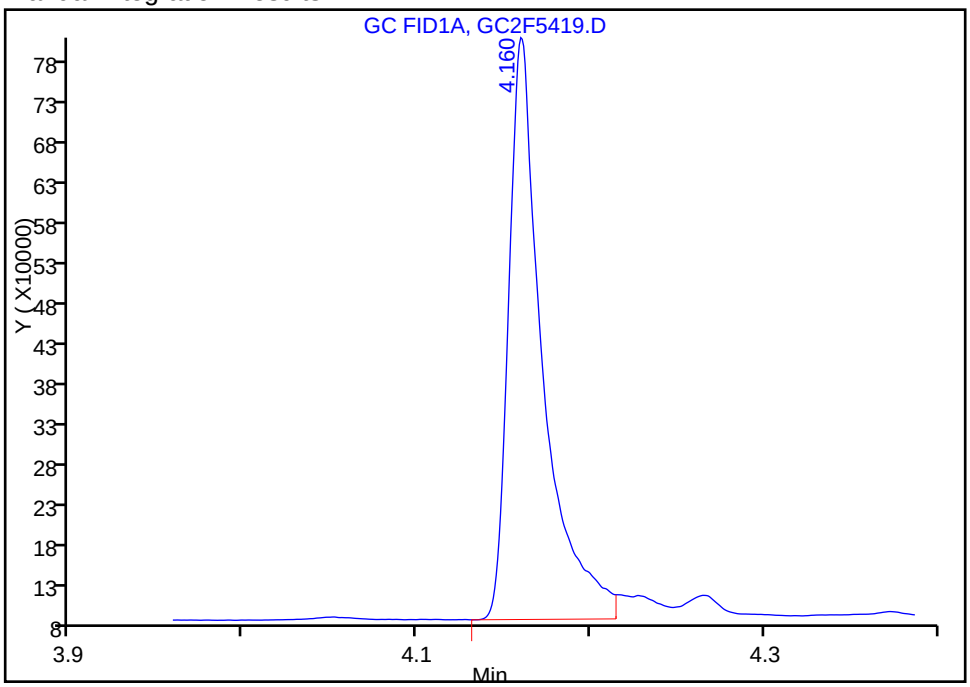
Processing Integration Results

RT: 4.16
Response: 1034598
Amount: 23.060729



Manual Integration Results

RT: 4.16
Response: 988678
Amount: 22.037192



Reviewer: kimh, 19-Sep-2013 07:11:55
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-WT Lab Sample ID: 460-62993-27

Matrix: Solid Lab File ID: GC2F5478.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 11:15

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 15:22

Con. Extract Vol.: 1(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	3100		130	130

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5478.D		
Lims ID:	460-62993-E-27-C	Client ID:	PMP-13SE-WT
Inject. Date:	19-Sep-2013 15:22:46	Dil. Factor:	20.0000
Sample Type:	Client		
Sample ID:	460-0004792-030		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	28
Lims Batch ID:	182075	Lims Sample ID:	30
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	20-Sep-2013 07:30:44	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK051		

First Level Reviewer: kimh Date: 20-Sep-2013 07:21:20

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.113	0.489 -	7.740	69257830	2020.6	k

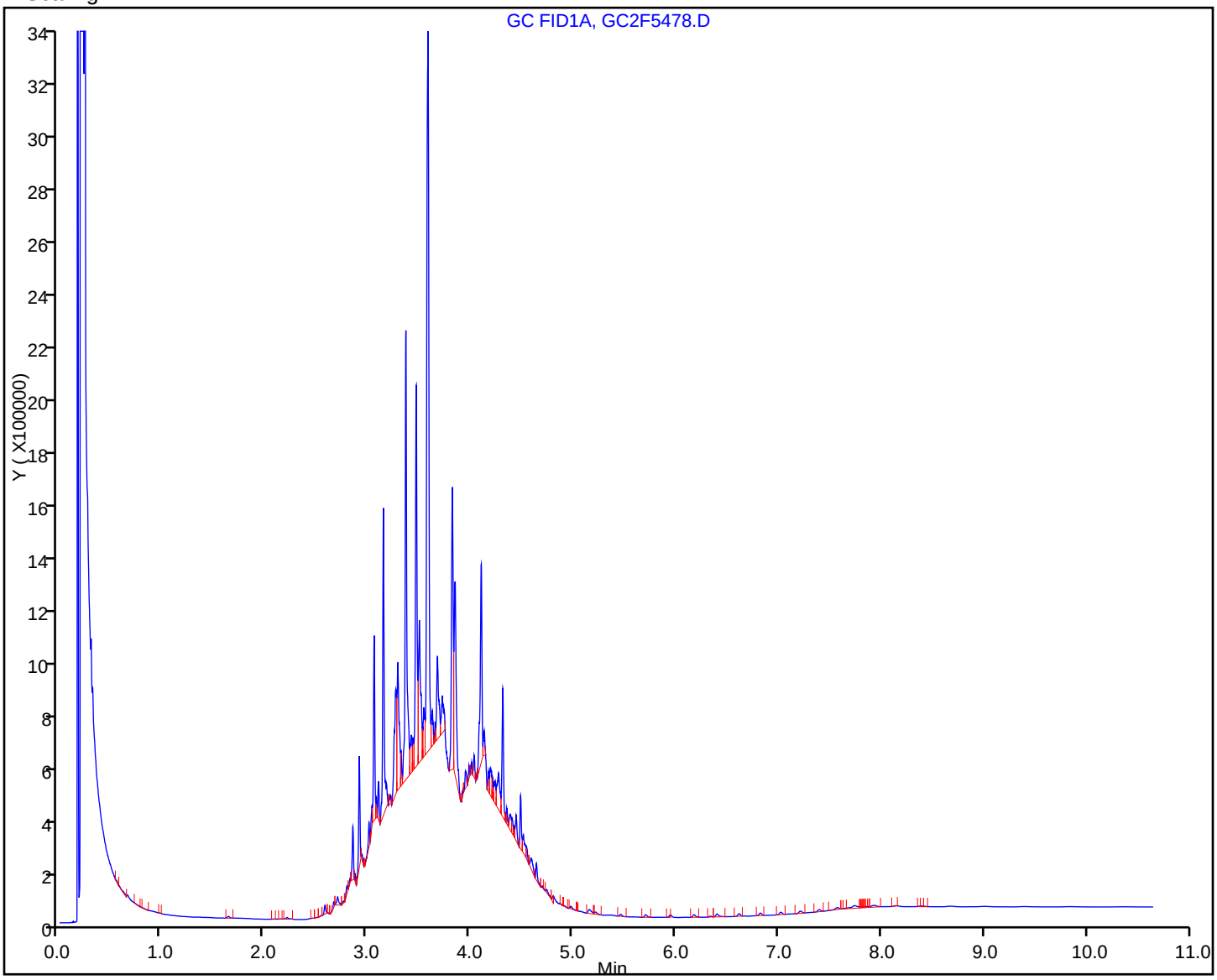
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 20-Sep-2013 07:30:52 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5478.D		
Injection Date:	19-Sep-2013 15:22:46	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-13SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	30
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SI Lab Sample ID: 460-62993-28

Matrix: Solid Lab File ID: GC2F5479.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 11:20

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 15:37

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	13		6.2	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	85		50-105
108-90-7	Chlorobenzene	104	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5479.D		
Lims ID:	460-62993-E-28-C	Client ID:	PMP-13SE-SI
Inject. Date:	19-Sep-2013 15:37:29	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-031		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	29
Lims Batch ID:	182075	Lims Sample ID:	31
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	20-Sep-2013 07:30:44	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK051		

First Level Reviewer: kimh Date: 20-Sep-2013 07:21:41

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.817	0.827	-0.010	620802	20.8	
A	3 C8-C40					
	4.113	0.489	- 7.740	5966076	174.1	k
$	4 o-Terphenyl					
	4.167	4.160	0.007	764421	17.0	

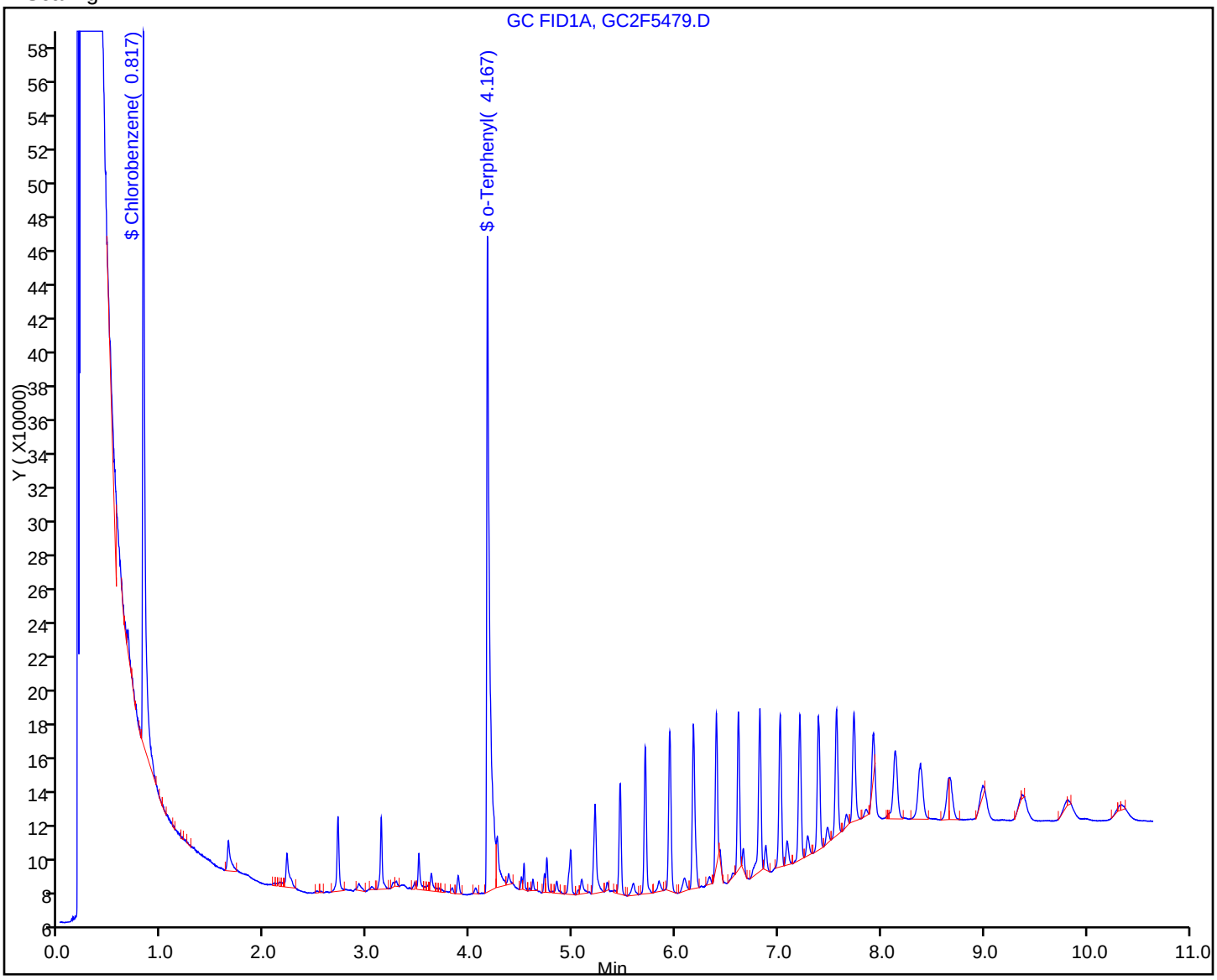
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 20-Sep-2013 07:30:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5479.D		
Injection Date:	19-Sep-2013 15:37:29	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-13SE-SI	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	31
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-13SE-SD Lab Sample ID: 460-62993-29

Matrix: Solid Lab File ID: GC2F5422.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 11:25

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 00:53

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	18		6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	97		50-105
108-90-7	Chlorobenzene	66		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5422.D		
Lims ID:	460-62993-F-29-C	Client ID:	PMP-13SE-SD
Inject. Date:	19-Sep-2013 00:53:20	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004767-056		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	50
Lims Batch ID:	181947	Lims Sample ID:	56
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:25	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:15:41

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.818	0.819	-0.001	393119	13.2	
A	3 C8-C40					
	4.116	0.490	- 7.743	8003621	233.5	k
$	4 o-Terphenyl					
	4.157	4.159	-0.002	868425	19.4	

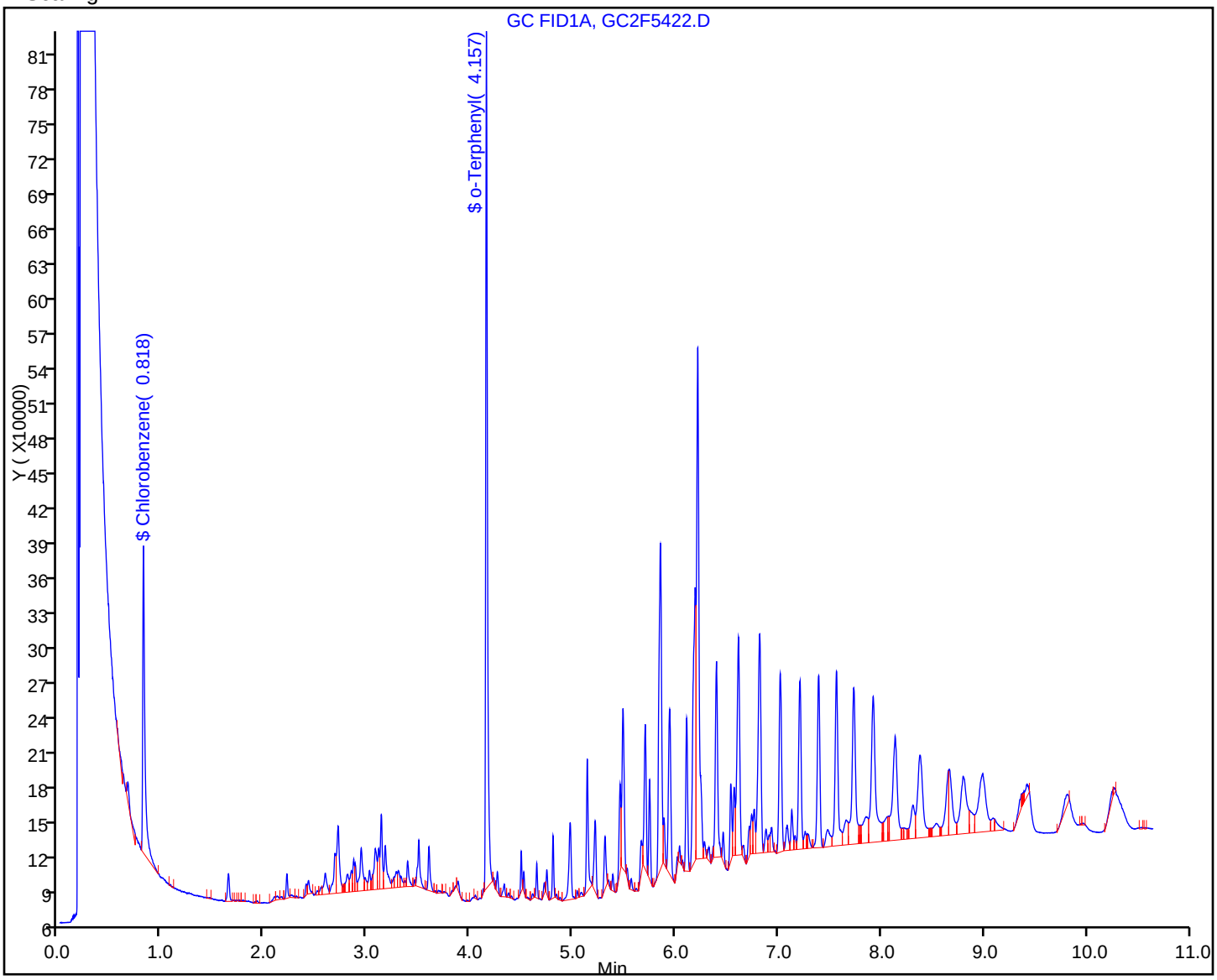
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:25:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5422.D		
Injection Date:	19-Sep-2013 00:53:20	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-13SE-SD	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	56
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-VD Lab Sample ID: 460-62993-30

Matrix: Solid Lab File ID: GC2F5423.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 11:45

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 01:08

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	69		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	99		50-105
108-90-7	Chlorobenzene	69		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5423.D		
Lims ID:	460-62993-E-30-E	Client ID:	PMP-15SE-VD
Inject. Date:	19-Sep-2013 01:08:09	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004767-057		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	51
Lims Batch ID:	181947	Lims Sample ID:	57
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:25	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:16:12

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.820	0.819	0.001	411681	13.8	
A	3 C8-C40					
	4.116	0.490 -	7.743	33932331	990.0	k
$	4 o-Terphenyl					M
	4.153	4.159	-0.006	885500	19.7	M

QC Flag Legend

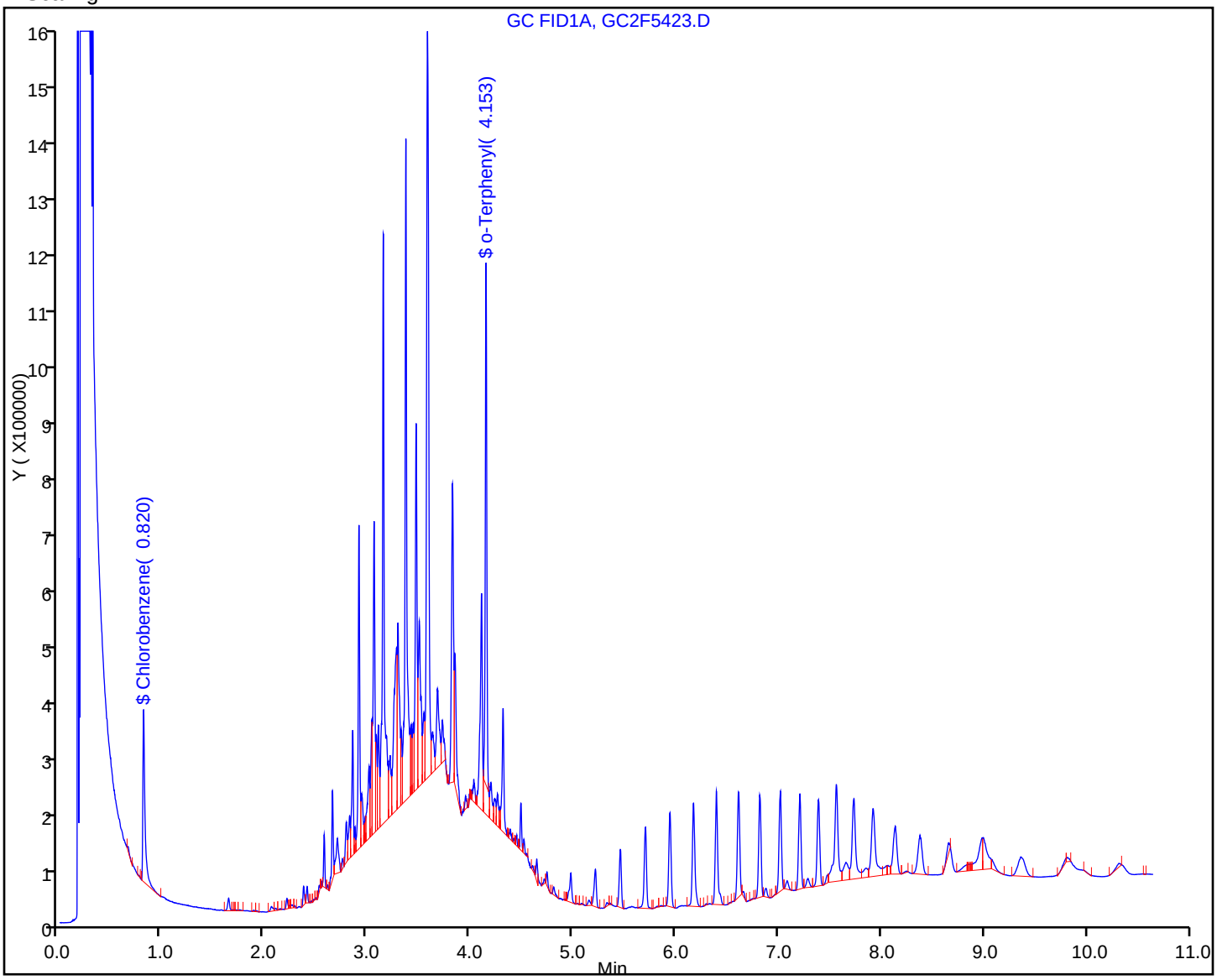
Processing Flags
k - Response Background Subtracted

Review Flags
M - Manually Integrated

Report Date: 19-Sep-2013 08:25:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5423.D		
Injection Date:	19-Sep-2013 01:08:09	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-15SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	57
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



Manual Integration/User Assign Peak Report

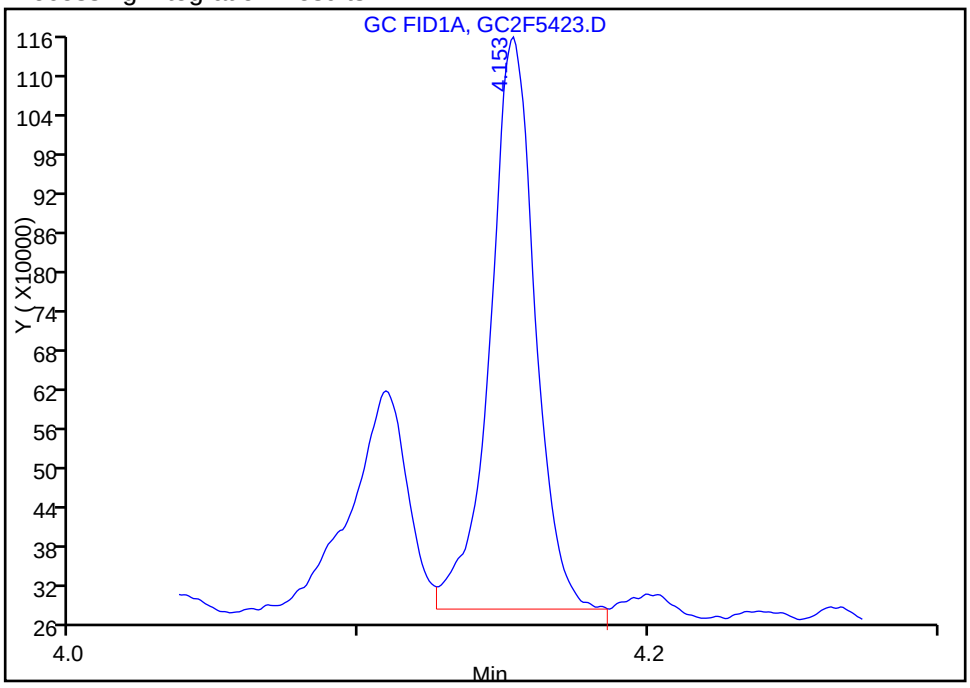
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5423.D		
Injection Date:	19-Sep-2013 01:08:09	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-15SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	57
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 4 o-Terphenyl, Signal: 1, Type: quant, RT: 4.16

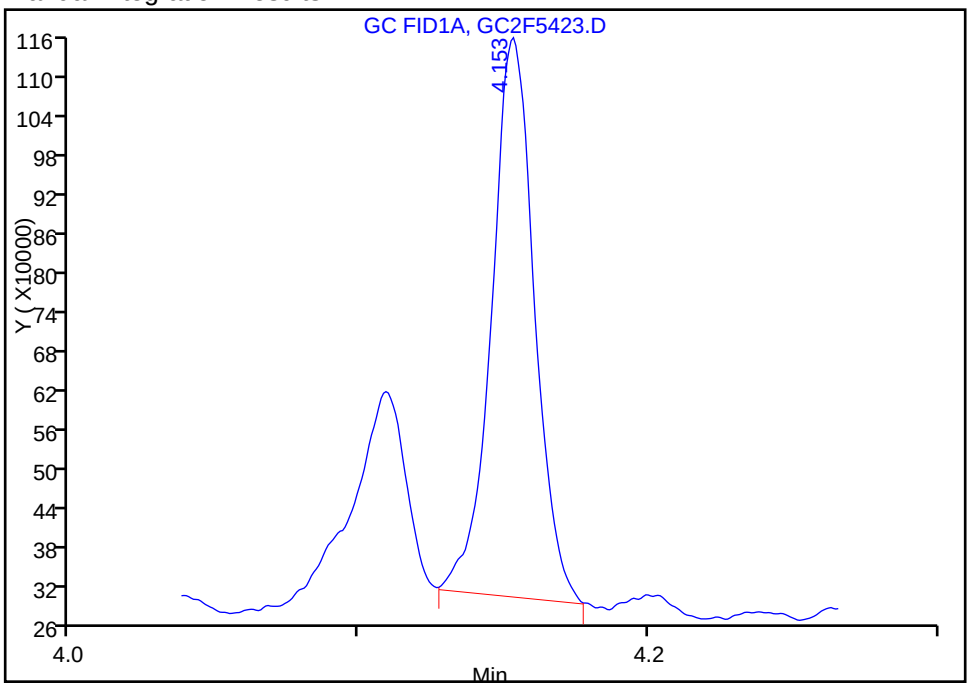
Processing Integration Results

RT: 4.15
Response: 949676
Amount: 21.167855



Manual Integration Results

RT: 4.15
Response: 885500
Amount: 19.737401



Reviewer: kimh, 19-Sep-2013 07:16:12
Audit Action: Manually Integrated
Audit Reason: Sample matrix interference

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-WT Lab Sample ID: 460-62993-31

Matrix: Solid Lab File ID: GC2F5424.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 11:50

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 01:22

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.4	U	6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	55		50-105
108-90-7	Chlorobenzene	35	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5424.D		
Lims ID:	460-62993-E-31-C	Client ID:	PMP-15SE-WT
Inject. Date:	19-Sep-2013 01:22:47	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004767-058		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	52
Lims Batch ID:	181947	Lims Sample ID:	58
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:25	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

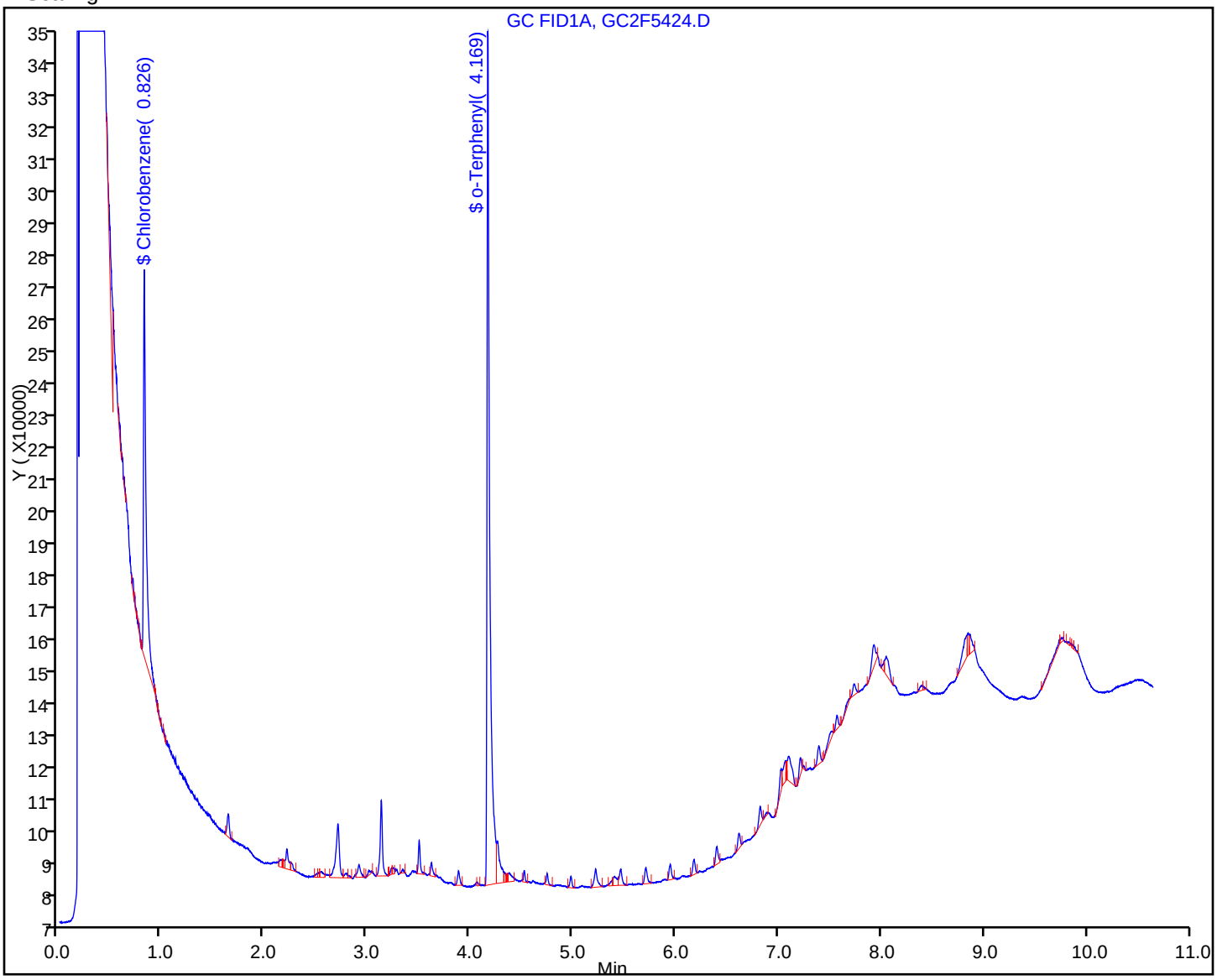
First Level Reviewer: kimh Date: 19-Sep-2013 07:16:29

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.826	0.819	0.007	210202	7.04	
$	4 o-Terphenyl					
	4.169	4.159	0.010	489504	10.9	

Report Date: 19-Sep-2013 08:25:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5424.D		
Injection Date:	19-Sep-2013 01:22:47	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-15SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	58
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SI Lab Sample ID: 460-62993-32

Matrix: Solid Lab File ID: GC2F5480.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 11:55

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 15:52

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.4	U	6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	59		50-105
108-90-7	Chlorobenzene	49		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5480.D		
Lims ID:	460-62993-E-32-C	Client ID:	PMP-15SE-SI
Inject. Date:	19-Sep-2013 15:52:15	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-032		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	30
Lims Batch ID:	182075	Lims Sample ID:	32
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	20-Sep-2013 07:30:44	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK051		

First Level Reviewer: kimh Date: 20-Sep-2013 07:22:23

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					M
	0.818	0.827	-0.009	586208	19.6	M
$	4 o-Terphenyl					
	4.167	4.160	0.007	1065117	23.7	

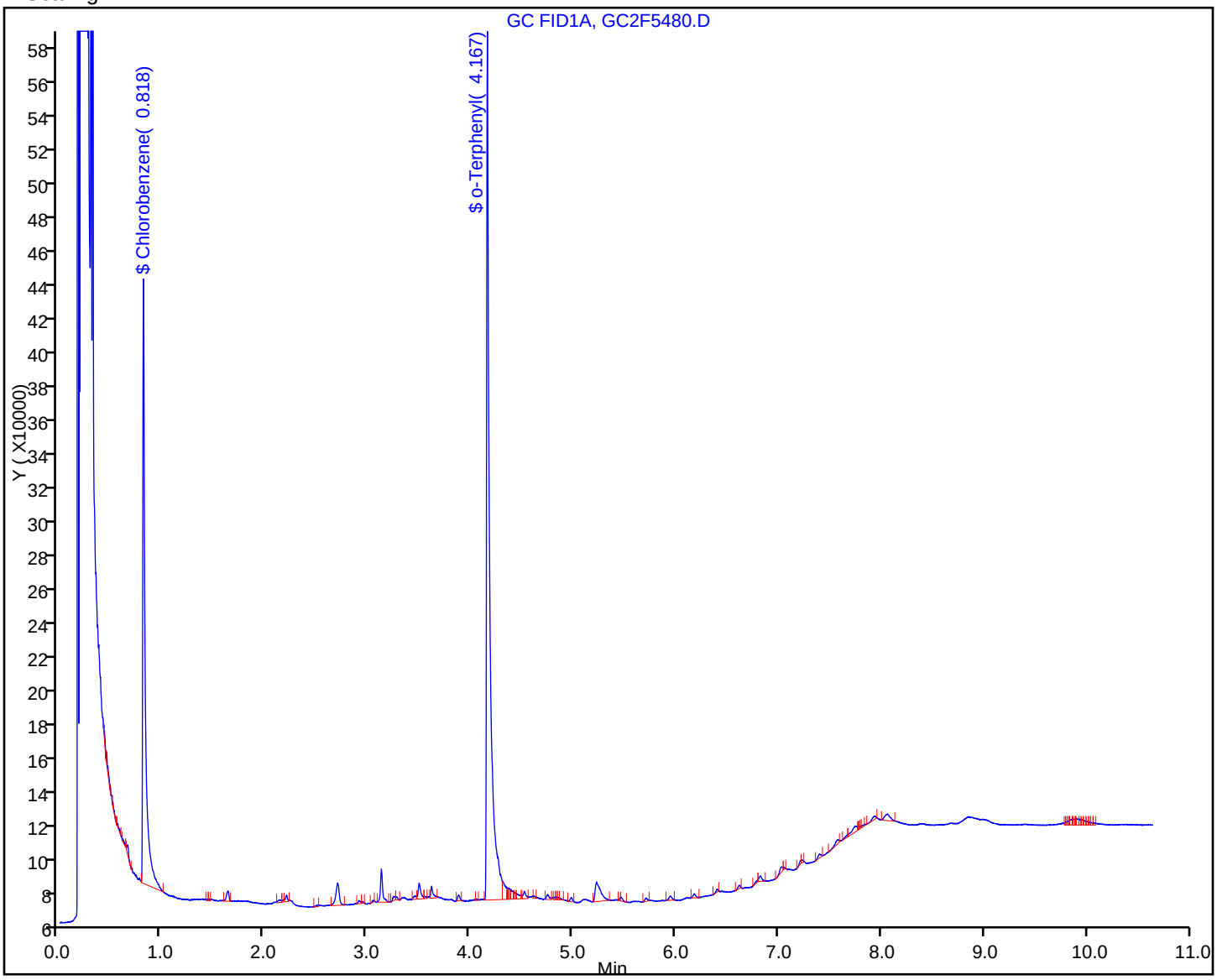
QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 20-Sep-2013 07:30:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5480.D		
Injection Date:	19-Sep-2013 15:52:15	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-15SE-SI	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	32
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



Manual Integration/User Assign Peak Report

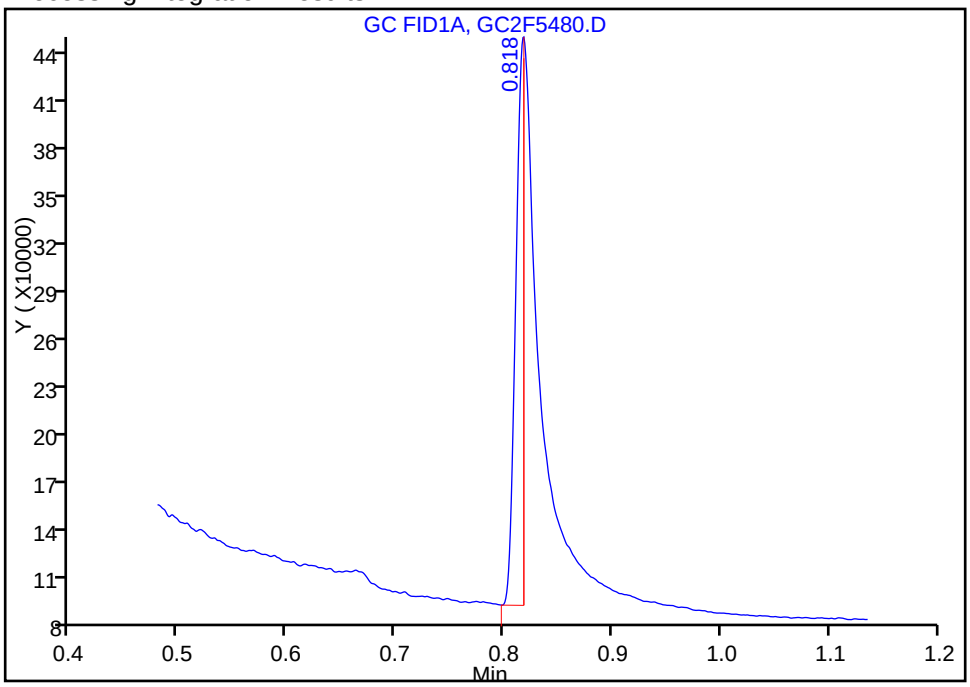
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5480.D		
Injection Date:	19-Sep-2013 15:52:15	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-15SE-SI	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	32
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 5 Chlorobenzene, Signal: 1, Type: quant, RT: 0.83

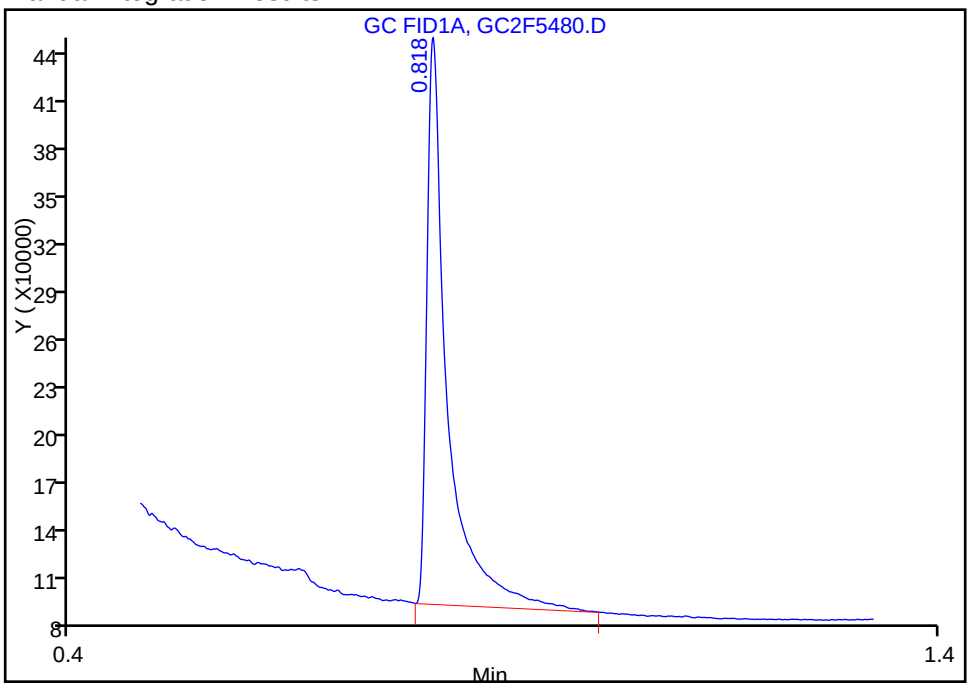
Processing Integration Results

RT: 0.82
Response: 174180
Amount: 5.831309



Manual Integration Results

RT: 0.82
Response: 586208
Amount: 19.625446



Reviewer: kimh, 20-Sep-2013 07:22:23
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-15SE-SD Lab Sample ID: 460-62993-33

Matrix: Solid Lab File ID: GC2F5481.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 12:00

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.05(g) Date Analyzed: 09/19/2013 16:06

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 16.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.6	U	6.6	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	78		50-105
108-90-7	Chlorobenzene	92	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5481.D		
Lims ID:	460-62993-E-33-C	Client ID:	PMP-15SE-SD
Inject. Date:	19-Sep-2013 16:06:49	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-033		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	31
Lims Batch ID:	182075	Lims Sample ID:	33
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	20-Sep-2013 07:30:44	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK051		

First Level Reviewer: kimh Date: 20-Sep-2013 07:22:59

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.821	0.827	-0.006	550747	18.4	
A	3 C8-C40					
	4.113	0.489	- 7.740	142087	4.15	k
$	4 o-Terphenyl					
	4.170	4.160	0.010	701024	15.6	

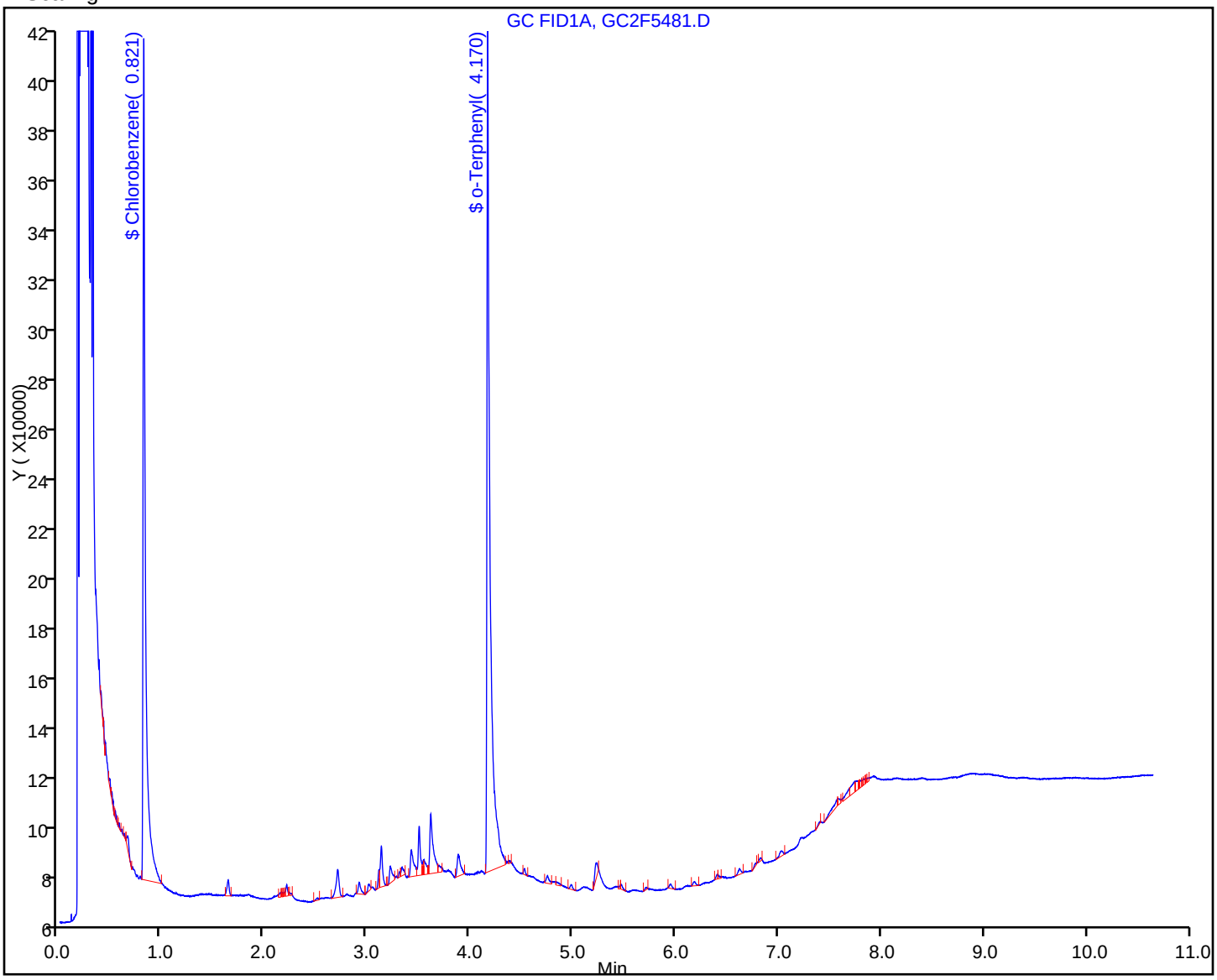
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 20-Sep-2013 07:30:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5481.D		
Injection Date:	19-Sep-2013 16:06:49	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-15SE-SD	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	33
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-VS Lab Sample ID: 460-62993-34

Matrix: Solid Lab File ID: GC2F5429.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 12:45

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.05(g) Date Analyzed: 09/19/2013 02:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	24		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	51		50-105
108-90-7	Chlorobenzene	33	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5429.D		
Lims ID:	460-62993-E-34-C	Client ID:	PMP-31SE-VS
Inject. Date:	19-Sep-2013 02:36:18	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004767-061		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	55
Lims Batch ID:	181947	Lims Sample ID:	61
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:41	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:18:11

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.830	0.819	0.011	198336	6.64	
A	3 C8-C40					
	4.116	0.490 -	7.743	11789330	344.0	k
$	4 o-Terphenyl					
	4.160	4.159	0.001	456917	10.2	

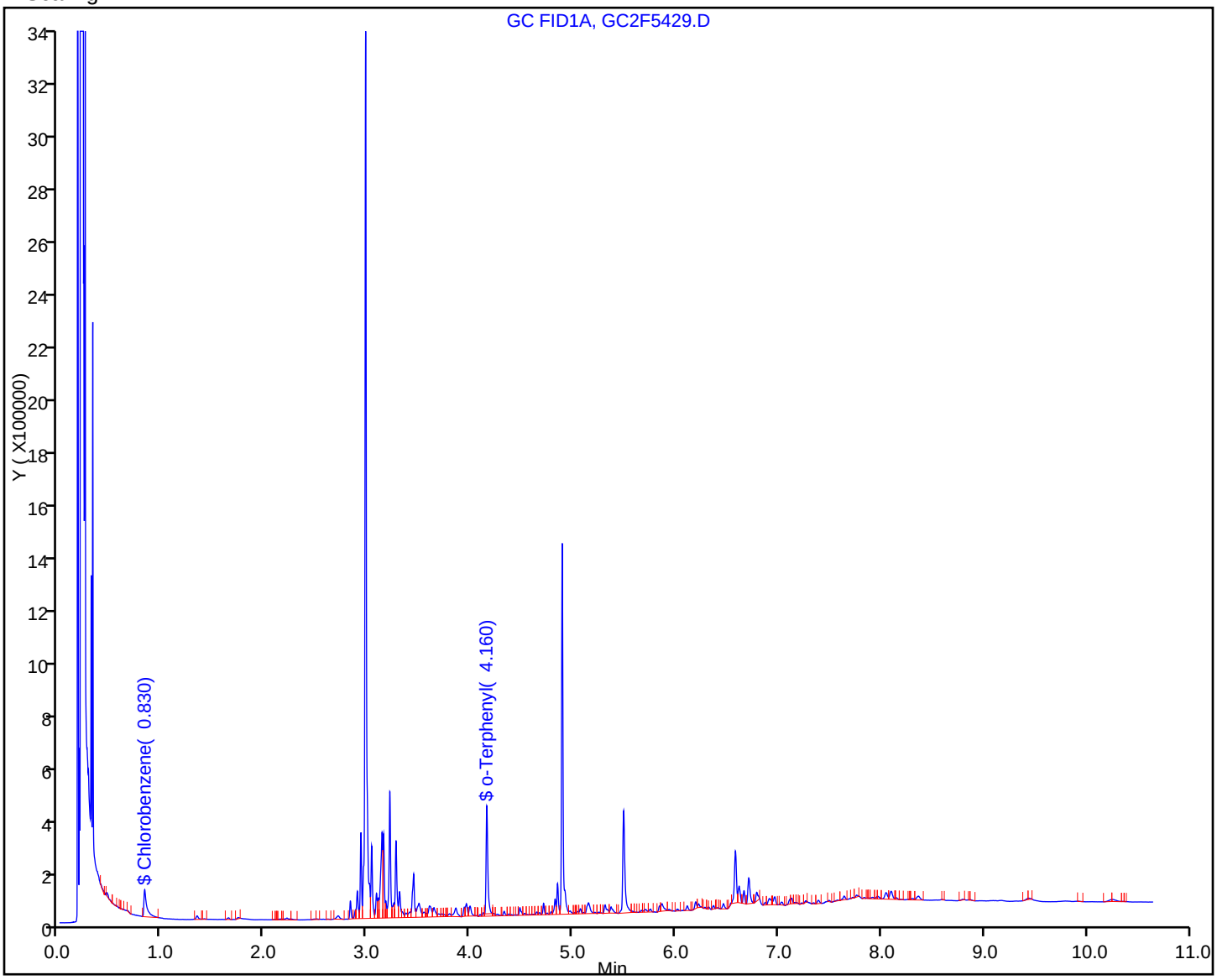
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:25:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5429.D		
Injection Date:	19-Sep-2013 02:36:18	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-31SE-VS	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	61
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-VD Lab Sample ID: 460-62993-35

Matrix: Solid Lab File ID: GC2F5430.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 12:50

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.04(g) Date Analyzed: 09/19/2013 02:51

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.8	U	5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	67		50-105
108-90-7	Chlorobenzene	49		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5430.D		
Lims ID:	460-62993-E-35-C	Client ID:	PMP-31SE-VD
Inject. Date:	19-Sep-2013 02:51:12	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004767-062		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	56
Lims Batch ID:	181947	Lims Sample ID:	62
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:41	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

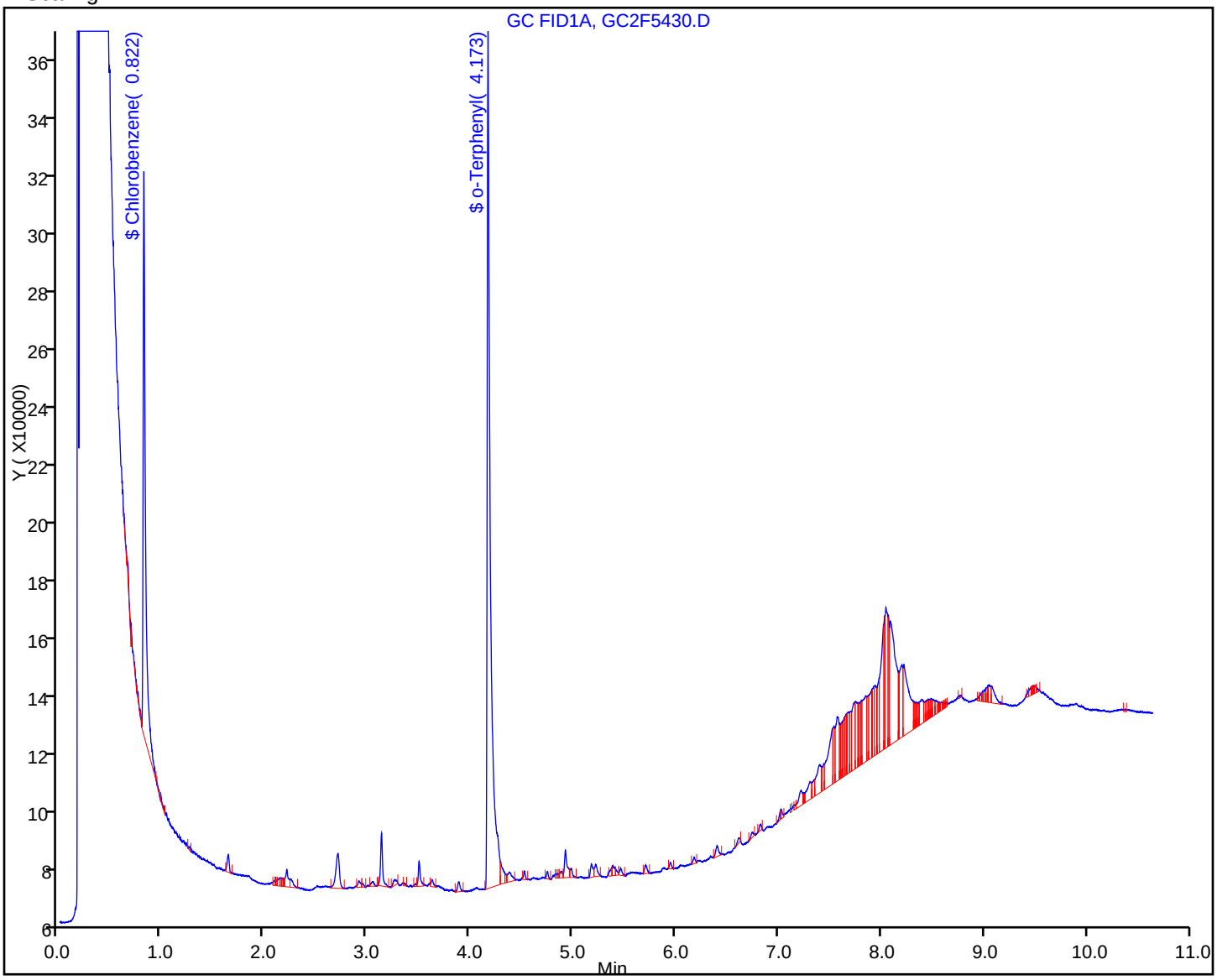
First Level Reviewer: kimh Date: 19-Sep-2013 07:18:21

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.822	0.819	0.003	294468	9.86	
$	4 o-Terphenyl					
	4.173	4.159	0.014	604944	13.5	

Report Date: 19-Sep-2013 08:25:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5430.D		
Injection Date:	19-Sep-2013 02:51:12	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-31SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	62
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-31SE-WT Lab Sample ID: 460-62993-36

Matrix: Solid Lab File ID: GC2F5482.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 12:55

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 16:21

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 10.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.1	U	6.1	6.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	53		50-105
108-90-7	Chlorobenzene	43		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5482.D		
Lims ID:	460-62993-E-36-C	Client ID:	PMP-31SE-WT
Inject. Date:	19-Sep-2013 16:21:34	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-034		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	32
Lims Batch ID:	182075	Lims Sample ID:	34
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	20-Sep-2013 07:30:44	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK051		

First Level Reviewer: kimh Date: 20-Sep-2013 07:23:42

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.820	0.827	-0.007	509491	17.1	
A	3 C8-C40					
	4.115	0.489	- 7.740	1551698	45.3	k
$	4 o-Terphenyl					
	4.174	4.160	0.014	959493	21.4	

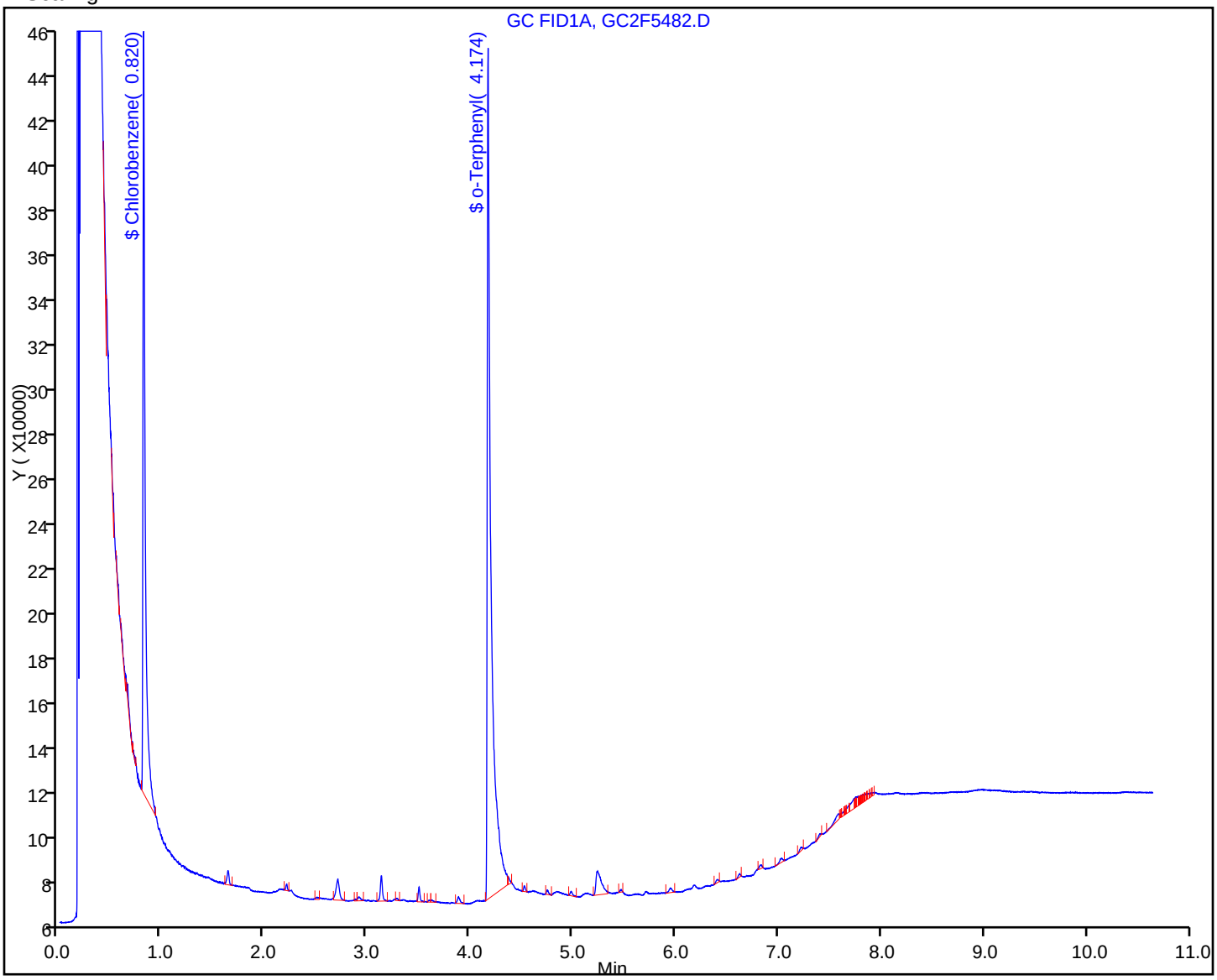
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 20-Sep-2013 07:30:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5482.D		
Injection Date:	19-Sep-2013 16:21:34	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-31SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	34
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-VS Lab Sample ID: 460-62993-37

Matrix: Solid Lab File ID: GC2F5483.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 12:30

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 16:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	11		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	61		50-105
108-90-7	Chlorobenzene	47		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5483.D		
Lims ID:	460-62993-E-37-C	Client ID:	PMP-32SE-VS
Inject. Date:	19-Sep-2013 16:36:18	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-035		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	33
Lims Batch ID:	182075	Lims Sample ID:	35
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	20-Sep-2013 07:30:44	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK051		

First Level Reviewer: kimh Date: 20-Sep-2013 07:25:01

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.819	0.827	-0.008	565297	18.9	
A	3 C8-C40					
	4.113	0.489	- 7.740	5317783	155.1	k
$	4 o-Terphenyl					
	4.162	4.160	0.002	1096315	24.4	

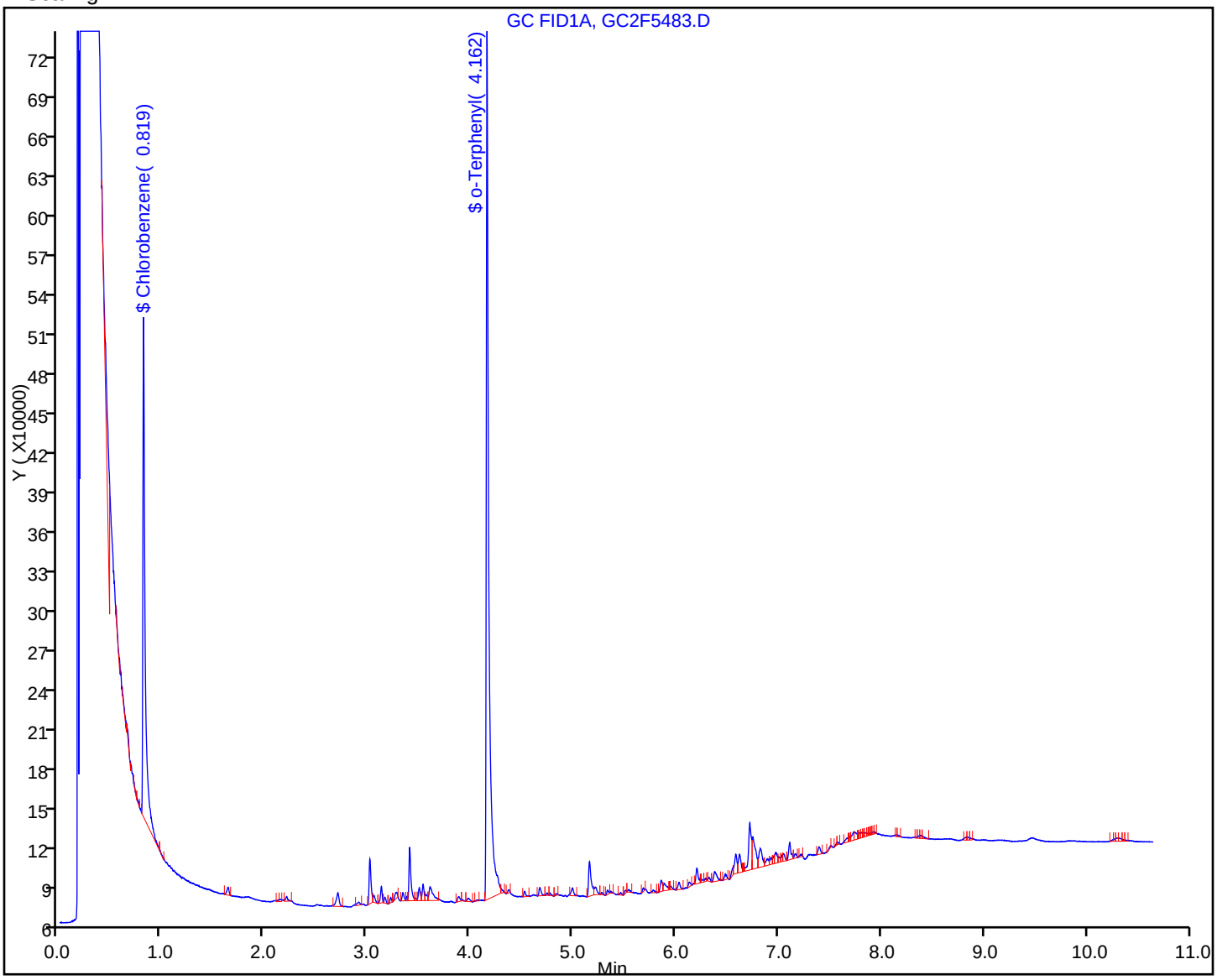
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 20-Sep-2013 07:30:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5483.D		
Injection Date:	19-Sep-2013 16:36:18	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-32SE-VS	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	35
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-VD Lab Sample ID: 460-62993-38

Matrix: Solid Lab File ID: GC2F5484.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 12:35

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.05(g) Date Analyzed: 09/19/2013 16:51

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 7.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	580		60	60

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	50-105
108-90-7	Chlorobenzene	0	X D	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5484.D		
Lims ID:	460-62993-E-38-C	Client ID:	PMP-32SE-VD
Inject. Date:	19-Sep-2013 16:51:01	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004792-036		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	34
Lims Batch ID:	182075	Lims Sample ID:	36
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	20-Sep-2013 07:30:44	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK051		

First Level Reviewer: kimh Date: 20-Sep-2013 07:25:17

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.113	0.489 -	7.740	27666818	807.2	k

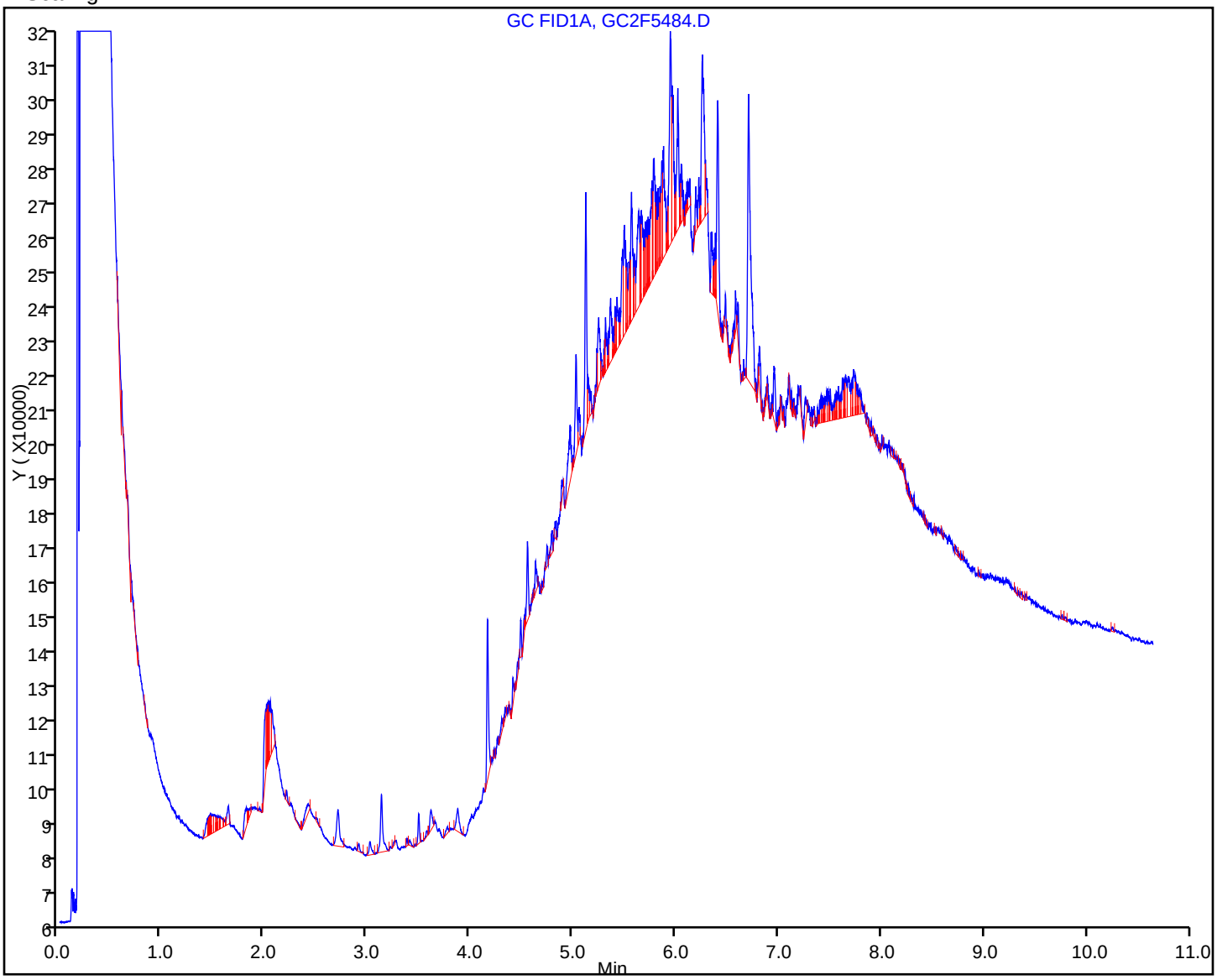
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 20-Sep-2013 07:30:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5484.D		
Injection Date:	19-Sep-2013 16:51:01	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-32SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	36
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-32SE-WT Lab Sample ID: 460-62993-39

Matrix: Solid Lab File ID: GC2F5434.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 12:40

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.05(g) Date Analyzed: 09/19/2013 03:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	55		6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	62		50-105
108-90-7	Chlorobenzene	44		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5434.D		
Lims ID:	460-62993-E-39-C	Client ID:	PMP-32SE-WT
Inject. Date:	19-Sep-2013 03:49:45	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004767-066		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	60
Lims Batch ID:	181947	Lims Sample ID:	66
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:41	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:19:08

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.819	0.819	0.0	260673	8.73	
A	3 C8-C40					
	4.116	0.490	- 7.743	24187821	705.7	k
$	4 o-Terphenyl					
	4.151	4.159	-0.008	554179	12.4	

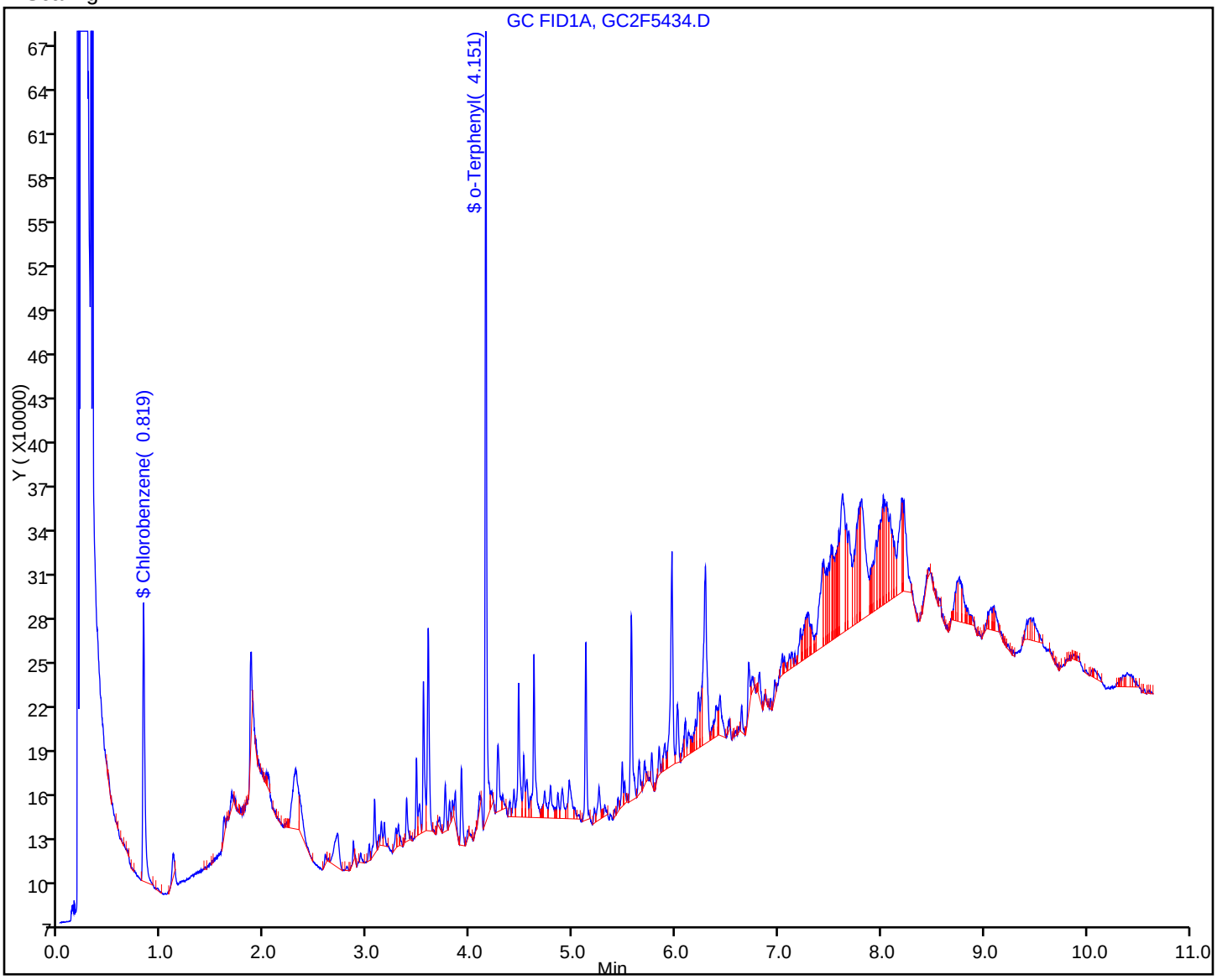
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:25:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5434.D		
Injection Date:	19-Sep-2013 03:49:45	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-32SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	66
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP-091313 Lab Sample ID: 460-62993-40

Matrix: Solid Lab File ID: GC2F5435.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 00:00

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.00(g) Date Analyzed: 09/19/2013 04:04

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	89		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	101		50-105
108-90-7	Chlorobenzene	71		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5435.D		
Lims ID:	460-62993-E-40-C	Client ID:	DUP-091313
Inject. Date:	19-Sep-2013 04:04:23	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004767-067		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	61
Lims Batch ID:	181947	Lims Sample ID:	67
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:41	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:19:36

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.817	0.819	-0.002	423453	14.2	
A	3 C8-C40					
	4.116	0.490	- 7.743	44194880	1289.4	k
$	4 o-Terphenyl					M
	4.152	4.159	-0.007	904283	20.2	M

QC Flag Legend

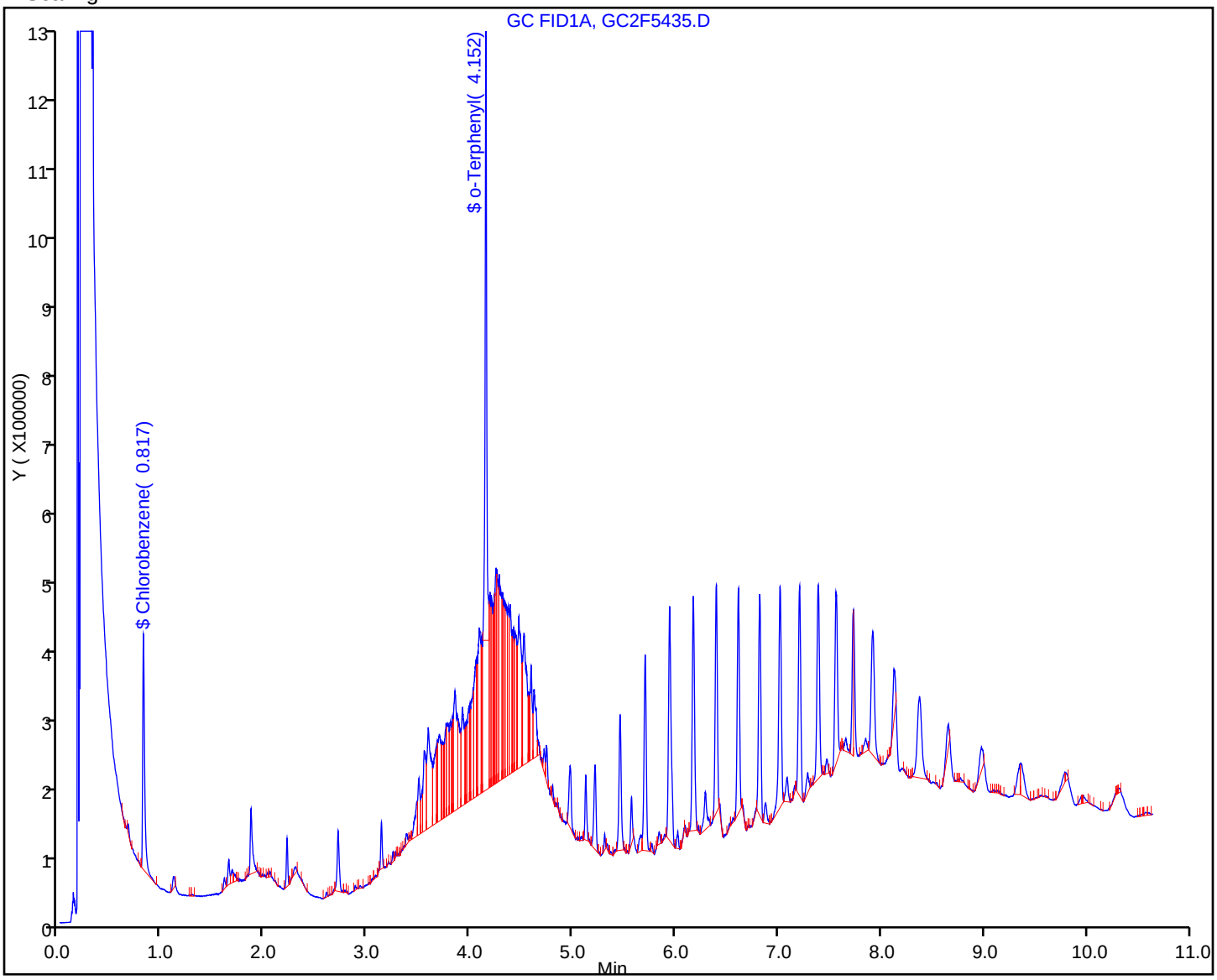
Processing Flags
k - Response Background Subtracted

Review Flags
M - Manually Integrated

Report Date: 19-Sep-2013 08:25:52 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5435.D		
Injection Date:	19-Sep-2013 04:04:23	Limit Group:	GC 8015 QAM ICAL
Client ID:	DUP-091313	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	67
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



Manual Integration/User Assign Peak Report

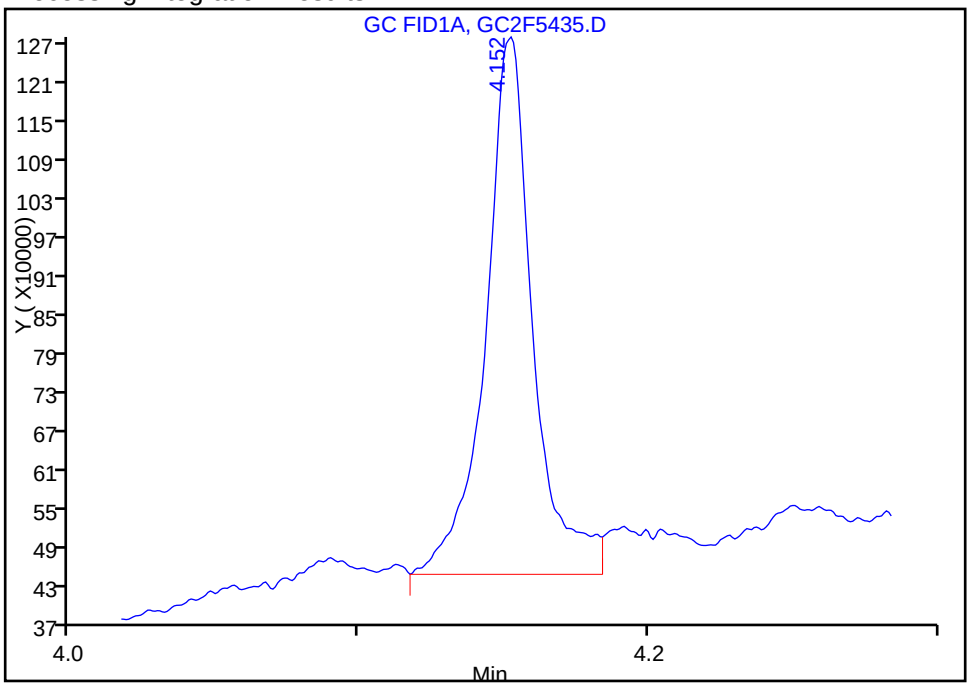
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5435.D		
Injection Date:	19-Sep-2013 04:04:23	Limit Group:	GC 8015 QAM ICAL
Client ID:	DUP-091313	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	67
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 4 o-Terphenyl, Signal: 1, Type: quant, RT: 4.16

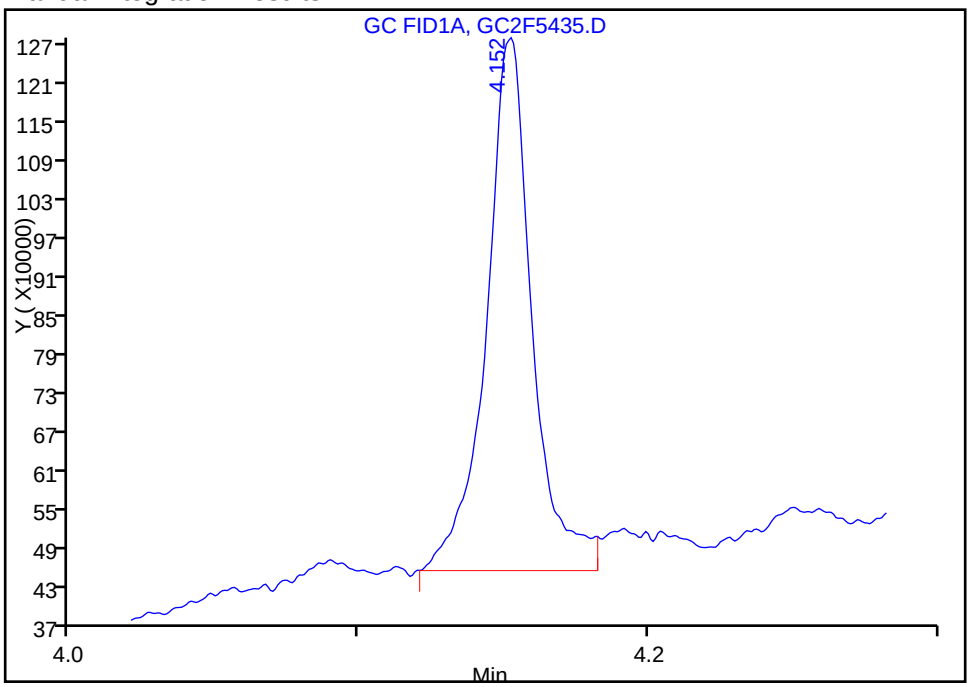
Processing Integration Results

RT: 4.15
Response: 944660
Amount: 21.056051



Manual Integration Results

RT: 4.15
Response: 904283
Amount: 20.156065



Reviewer: kimh, 19-Sep-2013 07:19:36
Audit Action: Manually Integrated
Audit Reason: Sample matrix interference

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP1-091313 Lab Sample ID: 460-62993-41

Matrix: Solid Lab File ID: GC2F5436.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 00:00

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.00(g) Date Analyzed: 09/19/2013 04:19

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.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	24		6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	62		50-105
108-90-7	Chlorobenzene	43		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5436.D		
Lims ID:	460-62993-E-41-C	Client ID:	DUP1-091313
Inject. Date:	19-Sep-2013 04:19:15	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004767-068		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	62
Lims Batch ID:	181947	Lims Sample ID:	68
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:41	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 07:19:42

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.820	0.819	0.001	255741	8.56	
A	3 C8-C40					
	4.116	0.490 -	7.743	10942436	319.2	k
$	4 o-Terphenyl					
	4.156	4.159	-0.003	553178	12.3	

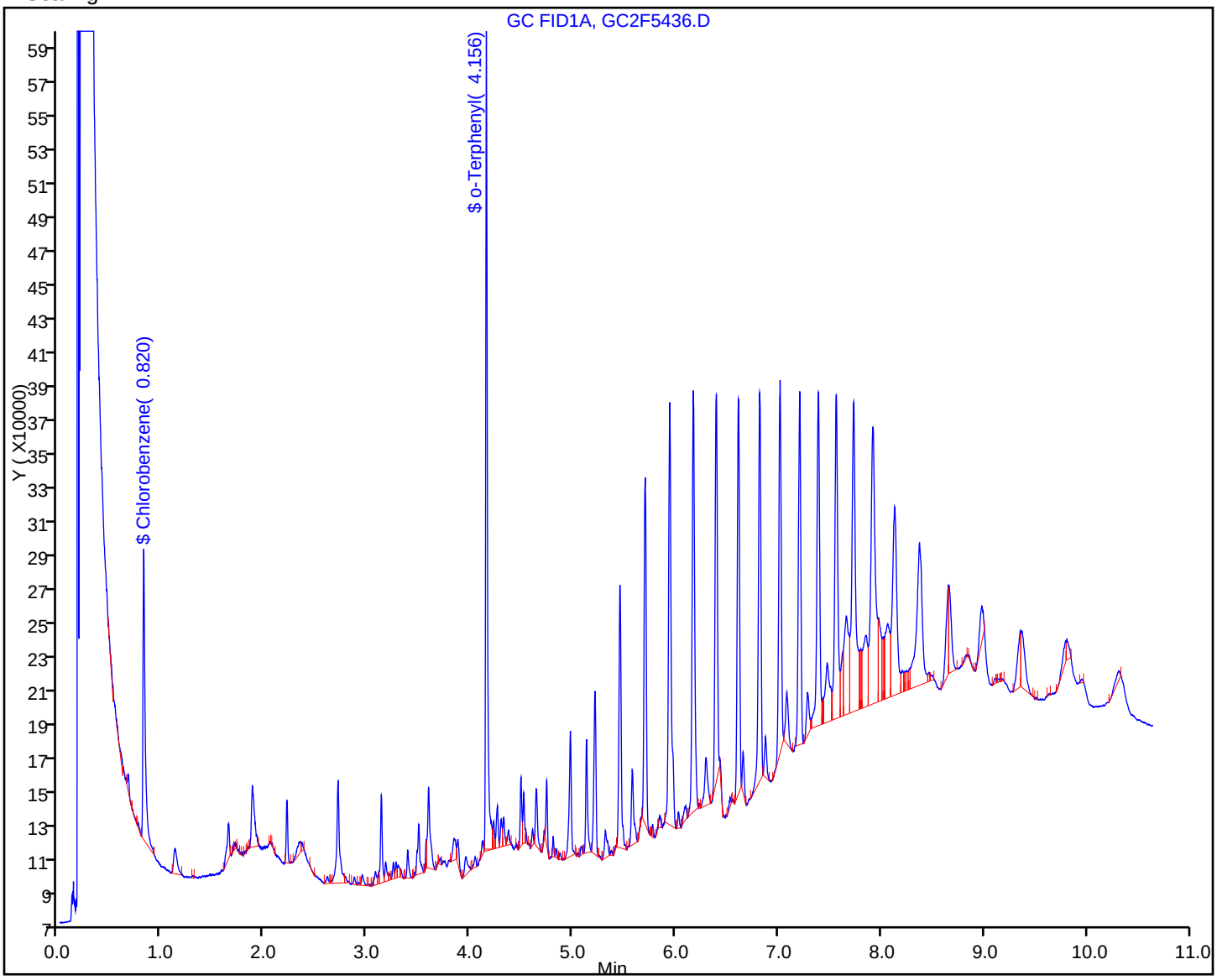
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:25:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5436.D		
Injection Date:	19-Sep-2013 04:19:15	Limit Group:	GC 8015 QAM ICAL
Client ID:	DUP1-091313	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	68
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP2-091313 Lab Sample ID: 460-62993-42

Matrix: Solid Lab File ID: GC2F5492.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 00:00

Extraction Method: 3546 Date Extracted: 09/17/2013 14:45

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 18:48

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	21		6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	62		50-105
108-90-7	Chlorobenzene	77		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5492.D		
Lims ID:	460-62993-E-42-C	Client ID:	DUP2-091313
Inject. Date:	19-Sep-2013 18:48:18	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-044		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	40
Lims Batch ID:	182075	Lims Sample ID:	44
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	20-Sep-2013 07:30:59	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK051		

First Level Reviewer: kimh Date: 20-Sep-2013 07:26:37

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.818	0.826	-0.008	460497	15.4	
A	3 C8-C40					
	4.115	0.490	- 7.739	9344253	272.6	k
$	4 o-Terphenyl					
	4.172	4.159	0.013	553771	12.3	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

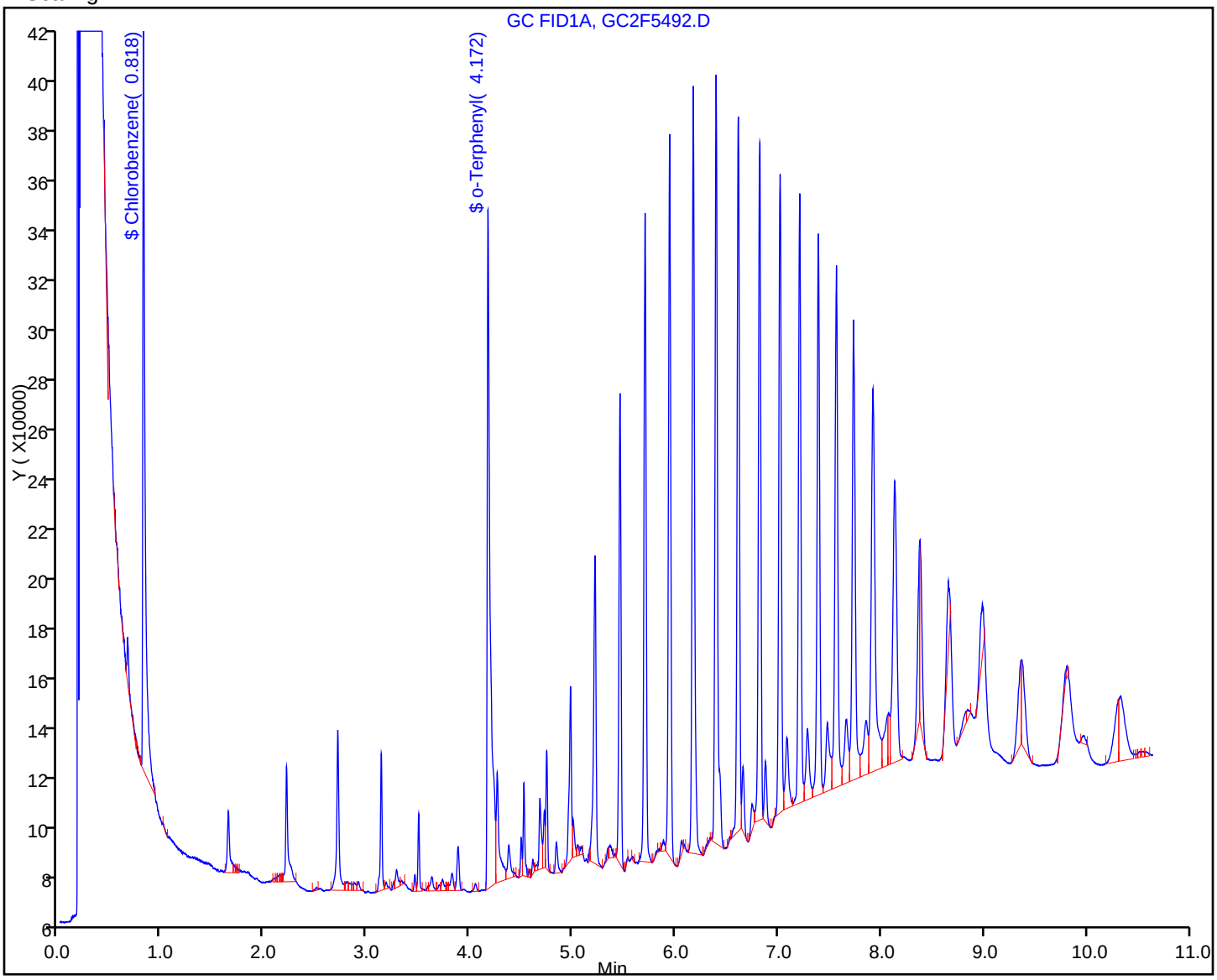
Report Date: 20-Sep-2013 07:31:05 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5492.D

Injection Date:	19-Sep-2013 18:48:18	Limit Group:	GC 8015 QAM ICAL
Client ID:	DUP2-091313	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	44
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP3-091313 Lab Sample ID: 460-62993-43

Matrix: Solid Lab File ID: GC2F5491.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 00:00

Extraction Method: 3546 Date Extracted: 09/17/2013 14:45

Sample wt/vol: 15.00(g) Date Analyzed: 09/19/2013 18:33

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 17.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	25		6.7	6.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	87		50-105
108-90-7	Chlorobenzene	83	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5491.D		
Lims ID:	460-62993-E-43-E	Client ID:	DUP3-091313
Inject. Date:	19-Sep-2013 18:33:27	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-043		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	39
Lims Batch ID:	182075	Lims Sample ID:	43
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	20-Sep-2013 07:30:59	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK051		

First Level Reviewer: kimh Date: 20-Sep-2013 07:26:28

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.820	0.826	-0.006	496393	16.6	
A	3 C8-C40					
	4.115	0.490	- 7.739	10438135	304.5	k
$	4 o-Terphenyl					
	4.169	4.159	0.010	781661	17.4	

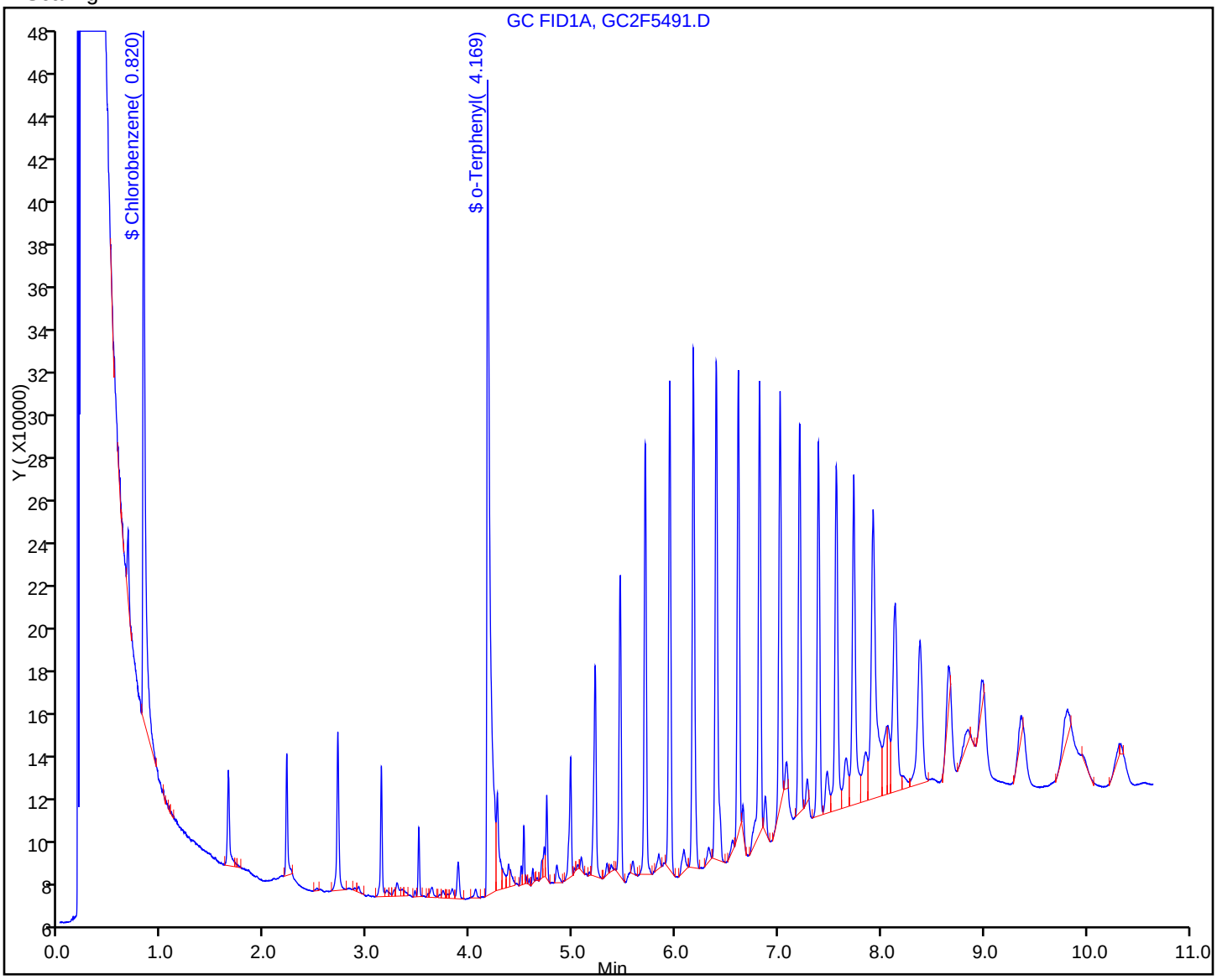
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 20-Sep-2013 07:31:05 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5491.D		
Injection Date:	19-Sep-2013 18:33:27	Limit Group:	GC 8015 QAM ICAL
Client ID:	DUP3-091313	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	43
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: FB-091313 Lab Sample ID: 460-62993-44

Matrix: Water Lab File ID: GC2F5271.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 13:00

Extraction Method: 3510C Date Extracted: 09/16/2013 08:19

Sample wt/vol: 990(mL) Date Analyzed: 09/17/2013 09:56

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.: 181694 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.083	U	0.083	0.083

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	61		51-123
108-90-7	Chlorobenzene	51		42-93

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5271.D		
Lims ID:	460-62993-I-44-A	Client ID:	FB-091313
Inject. Date:	17-Sep-2013 09:56:23	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004706-008		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	181694	Lims Sample ID:	8
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:21:29	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.824	0.824	0.0	302928	10.1	
A	3 C8-C40					
	4.119	0.491 -	7.746	836247	24.4	k
$	4 o-Terphenyl					
	4.189	4.163	0.026	549731	12.3	

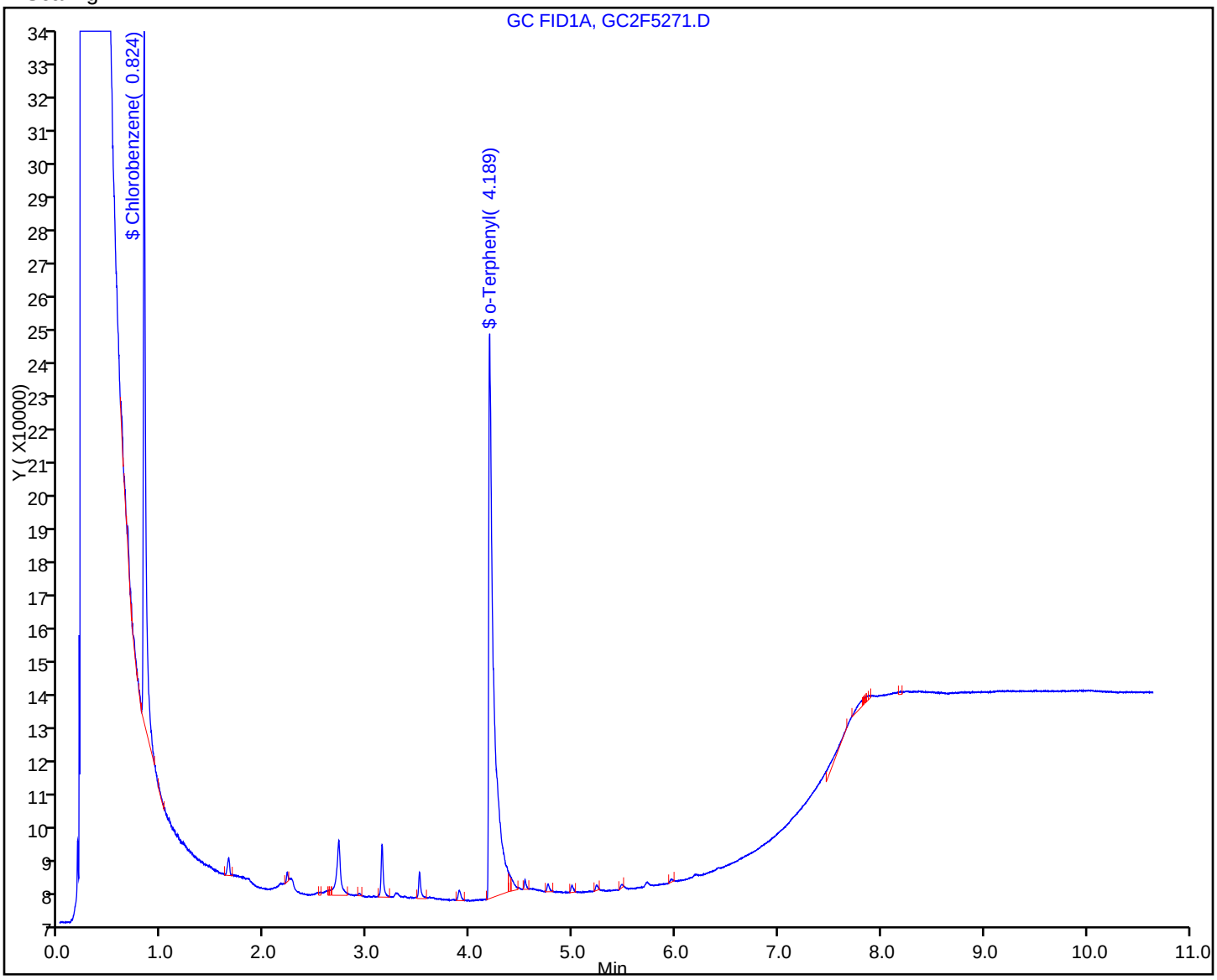
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:21:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5271.D		
Injection Date:	17-Sep-2013 09:56:23	Limit Group:	GC 8015 QAM ICAL
Client ID:	FB-091313	Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	8
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 160132

SDG No.:

Instrument ID: CBNAGC2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/10/2013 18:07 Calibration End Date: 05/10/2013 19:06 Calibration ID: 22664

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-160132/3	GC2F2628.D
Level 2	STD2 460-160132/4	GC2F2629.D
Level 3	STD3 460-160132/5	GC2F2630.D
Level 4	STD4 460-160132/6	GC2F2631.D
Level 5	STD5 460-160132/7	GC2F2632.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Total Petroleum Hydrocarbons (C8-C40)	4.202	4.202	4.202	4.202	4.202						0.516 - 7.888	4.202
Chlorobenzene	0.894	0.891	0.890	0.889	0.888						0.839 - 0.939	0.890
o-Terphenyl	4.222	4.222	4.222	4.220	4.221						4.170 - 4.270	4.221

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62993-1 Analy Batch No.: 160132

SDG No.:

Instrument ID: CBNAGC2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/10/2013 18:07 Calibration End Date: 05/10/2013 19:06 Calibration ID: 22664

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-160132/3	GC2F2628.D
Level 2	STD2 460-160132/4	GC2F2629.D
Level 3	STD3 460-160132/5	GC2F2630.D
Level 4	STD4 460-160132/6	GC2F2631.D
Level 5	STD5 460-160132/7	GC2F2632.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)	37913 34837	33658	32565	32407	Ave		34276.0415				6.6		20.0			
Chlorobenzene	26992 32580	29974	29664	30139	Ave		29869.7920				6.6		20.0			
o-Terphenyl	47636 45666	44658	43574	42787	Ave		44864.0640				4.2		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.: 460-62993-1 Analy Batch No.: 160132

SDG No.:

Instrument ID: CBNAGC2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/10/2013 18:07 Calibration End Date: 05/10/2013 19:06 Calibration ID: 22664

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-160132/3	GC2F2628.D
Level 2	STD2 460-160132/4	GC2F2629.D
Level 3	STD3 460-160132/5	GC2F2630.D
Level 4	STD4 460-160132/6	GC2F2631.D
Level 5	STD5 460-160132/7	GC2F2632.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	3121015	13853682	26807530	66693125	143389464	82.3	412	823	2058	4116
Chlorobenzene	Ave	6748	37468	74160	188366	407250	0.250	1.25	2.50	6.25	12.5
o-Terphenyl	Ave	11909	55822	108934	267419	570826	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.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181694/3 Calibration Date: 09/17/2013 08:42

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5266.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	34276	35229		2120	2060	2.8	15.0
Chlorobenzene	Ave	29870	29812		6.24	6.25	-0.2	15.0
o-Terphenyl	Ave	44864	44633		6.22	6.25	-0.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181694/3 Calibration Date: 09/17/2013 08:42

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5266.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	4.12	0.49	7.75
Chlorobenzene	0.82	0.77	0.87
o-Terphenyl	4.16	4.11	4.21

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181694/10 Calibration Date: 09/17/2013 10:25

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5273.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	34276	35795		2150	2060	4.4	15.0
Chlorobenzene	Ave	29870	29507		6.17	6.25	-1.2	15.0
o-Terphenyl	Ave	44864	46535		6.48	6.25	3.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181694/10 Calibration Date: 09/17/2013 10:25

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5273.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	4.12	0.49	7.75
Chlorobenzene	0.83	0.77	0.87
o-Terphenyl	4.17	4.11	4.21

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181694/40 Calibration Date: 09/17/2013 17:46

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5303.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	34276	36216		2170	2060	5.7	15.0
Chlorobenzene	Ave	29870	30211		6.32	6.25	1.1	15.0
o-Terphenyl	Ave	44864	47085		6.56	6.25	4.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181694/40 Calibration Date: 09/17/2013 17:46

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5303.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	4.12	0.49	7.75
Chlorobenzene	0.82	0.77	0.87
o-Terphenyl	4.16	4.11	4.21

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181694/51 Calibration Date: 09/17/2013 20:27

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5314.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	34276	35530		2130	2060	3.7	15.0
Chlorobenzene	Ave	29870	29166		6.10	6.25	-2.4	15.0
o-Terphenyl	Ave	44864	46051		6.42	6.25	2.6	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181694/51 Calibration Date: 09/17/2013 20:27

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5314.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	4.12	0.49	7.75
Chlorobenzene	0.83	0.77	0.87
o-Terphenyl	4.16	4.11	4.21

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181694/62 Calibration Date: 09/17/2013 23:09

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5325.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	34276	37525		2250	2060	9.5	15.0
Chlorobenzene	Ave	29870	31231		6.53	6.25	4.6	15.0
o-Terphenyl	Ave	44864	48296		6.73	6.25	7.6	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181694/62 Calibration Date: 09/17/2013 23:09

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5325.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	4.12	0.49	7.75
Chlorobenzene	0.82	0.77	0.87
o-Terphenyl	4.16	4.11	4.21

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181694/70 Calibration Date: 09/18/2013 01:07

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5333.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	34276	36791		2210	2060	7.3	15.0
Chlorobenzene	Ave	29870	30415		6.36	6.25	1.8	15.0
o-Terphenyl	Ave	44864	49008		6.83	6.25	9.2	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181694/70 Calibration Date: 09/18/2013 01:07

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5333.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	4.12	0.49	7.75
Chlorobenzene	0.83	0.77	0.87
o-Terphenyl	4.16	4.11	4.21

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181694/79 Calibration Date: 09/18/2013 03:20

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5342.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	34276	38083		2290	2060	11.1	15.0
Chlorobenzene	Ave	29870	30502		6.38	6.25	2.1	15.0
o-Terphenyl	Ave	44864	50364		7.02	6.25	12.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181694/79 Calibration Date: 09/18/2013 03:20

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5342.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	4.12	0.49	7.75
Chlorobenzene	0.82	0.77	0.87
o-Terphenyl	4.16	4.11	4.21

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181947/24 Calibration Date: 09/18/2013 16:32

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5388.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	34276	32815		1970	2060	-4.3	15.0
Chlorobenzene	Ave	29870	28182		5.90	6.25	-5.7	15.0
o-Terphenyl	Ave	44864	41776		5.82	6.25	-6.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181947/24 Calibration Date: 09/18/2013 16:32

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5388.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	4.12	0.49	7.74
Chlorobenzene	0.83	0.77	0.87
o-Terphenyl	4.16	4.11	4.21

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181947/36 Calibration Date: 09/18/2013 19:30

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5400.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	34276	37407		2250	2060	9.1	15.0
Chlorobenzene	Ave	29870	32979		6.90	6.25	10.4	15.0
o-Terphenyl	Ave	44864	48863		6.81	6.25	8.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181947/36 Calibration Date: 09/18/2013 19:30

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5400.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	4.12	0.49	7.74
Chlorobenzene	0.82	0.77	0.87
o-Terphenyl	4.16	4.11	4.21

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181947/44 Calibration Date: 09/18/2013 21:27

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5408.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	34276	34647		2080	2060	1.1	15.0
Chlorobenzene	Ave	29870	33723		7.06	6.25	12.9	15.0
o-Terphenyl	Ave	44864	45203		6.30	6.25	0.8	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181947/44 Calibration Date: 09/18/2013 21:27

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5408.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	4.12	0.49	7.74
Chlorobenzene	0.82	0.77	0.87
o-Terphenyl	4.16	4.11	4.21

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181947/76 Calibration Date: 09/18/2013 23:54

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5418.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	34276	34705		2080	2060	1.3	15.0
Chlorobenzene	Ave	29870	31648		6.62	6.25	6.0	15.0
o-Terphenyl	Ave	44864	45610		6.35	6.25	1.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181947/76 Calibration Date: 09/18/2013 23:54

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5418.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	4.12	0.49	7.74
Chlorobenzene	0.82	0.77	0.87
o-Terphenyl	4.16	4.11	4.21

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181947/78 Calibration Date: 09/19/2013 02:21

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5428.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	34276	34259		2060	2060	-0.0	15.0
Chlorobenzene	Ave	29870	31647		6.62	6.25	5.9	15.0
o-Terphenyl	Ave	44864	45313		6.31	6.25	1.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181947/78 Calibration Date: 09/19/2013 02:21

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5428.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	4.12	0.49	7.74
Chlorobenzene	0.82	0.77	0.87
o-Terphenyl	4.16	4.11	4.21

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181947/80 Calibration Date: 09/19/2013 04:48

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5438.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	34276	36179		2170	2060	5.6	15.0
Chlorobenzene	Ave	29870	32548		6.81	6.25	9.0	15.0
o-Terphenyl	Ave	44864	48048		6.69	6.25	7.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-181947/80 Calibration Date: 09/19/2013 04:48

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5438.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	4.12	0.49	7.74
Chlorobenzene	0.82	0.77	0.87
o-Terphenyl	4.16	4.11	4.21

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-182075/3 Calibration Date: 09/19/2013 07:45

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5451.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	34276	37503		2250	2060	9.4	15.0
Chlorobenzene	Ave	29870	33552		7.02	6.25	12.3	15.0
o-Terphenyl	Ave	44864	47121		6.56	6.25	5.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-182075/3 Calibration Date: 09/19/2013 07:45

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5451.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	4.12	0.49	7.74
Chlorobenzene	0.83	0.78	0.88
o-Terphenyl	4.16	4.11	4.21

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-182075/15 Calibration Date: 09/19/2013 11:20

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5463.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	34276	36440		2190	2060	6.3	15.0
Chlorobenzene	Ave	29870	31161		6.52	6.25	4.3	15.0
o-Terphenyl	Ave	44864	46357		6.46	6.25	3.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-182075/15 Calibration Date: 09/19/2013 11:20

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5463.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	4.11	0.49	7.74
Chlorobenzene	0.83	0.78	0.88
o-Terphenyl	4.16	4.11	4.21

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-182075/27 Calibration Date: 09/19/2013 14:38

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5475.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	34276	38655		2320	2060	12.8	15.0
Chlorobenzene	Ave	29870	33446		7.00	6.25	12.0	15.0
o-Terphenyl	Ave	44864	47310		6.59	6.25	5.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-182075/27 Calibration Date: 09/19/2013 14:38

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5475.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	4.11	0.49	7.74
Chlorobenzene	0.82	0.77	0.87
o-Terphenyl	4.16	4.11	4.21

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-182075/38 Calibration Date: 09/19/2013 17:20

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5486.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	34276	35718		2140	2060	4.2	15.0
Chlorobenzene	Ave	29870	31728		6.64	6.25	6.2	15.0
o-Terphenyl	Ave	44864	45787		6.38	6.25	2.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-182075/38 Calibration Date: 09/19/2013 17:20

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5486.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	4.12	0.49	7.74
Chlorobenzene	0.83	0.78	0.88
o-Terphenyl	4.16	4.11	4.21

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-182075/46 Calibration Date: 09/19/2013 20:01

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5497.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	34276	35141		2110	2060	2.5	15.0
Chlorobenzene	Ave	29870	29617		6.20	6.25	-0.8	15.0
o-Terphenyl	Ave	44864	44581		6.21	6.25	-0.6	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Lab Sample ID: CCV 460-182075/46 Calibration Date: 09/19/2013 20:01

Instrument ID: CBNAGC2 Calib Start Date: 05/10/2013 18:07

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/10/2013 19:06

Lab File ID: GC2F5497.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	4.12	0.49	7.74
Chlorobenzene	0.83	0.78	0.88
o-Terphenyl	4.16	4.11	4.21

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181476/1-A

Matrix: Water Lab File ID: GC2F5267.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3510C Date Extracted: 09/16/2013 08:19

Sample wt/vol: 1000(mL) Date Analyzed: 09/17/2013 08:57

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.: 181694 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	64		51-123
108-90-7	Chlorobenzene	49		42-93

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5267.D		
Lims ID:	MB 460-181476/1-A	Client ID:	
Inject. Date:	17-Sep-2013 08:57:41	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0004706-004		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	181694	Lims Sample ID:	4
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:30:09	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 08:30:09

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.824	0.824	0.0	295305	9.89	
$	4 o-Terphenyl					M
	4.187	4.163	0.024	573755	12.8	M

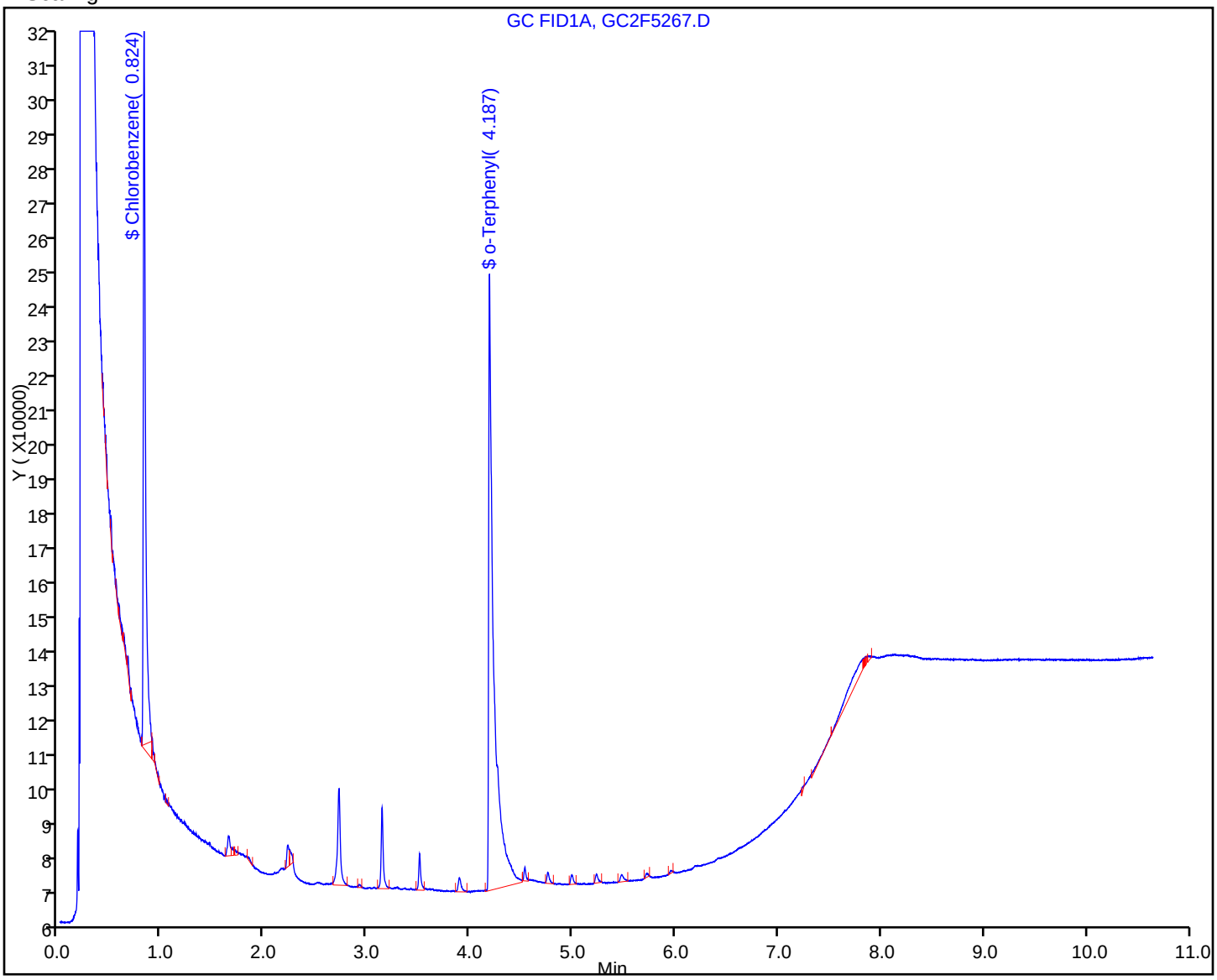
QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 19-Sep-2013 08:33:10 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5267.D		
Injection Date:	17-Sep-2013 08:57:41	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	4
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



Manual Integration/User Assign Peak Report

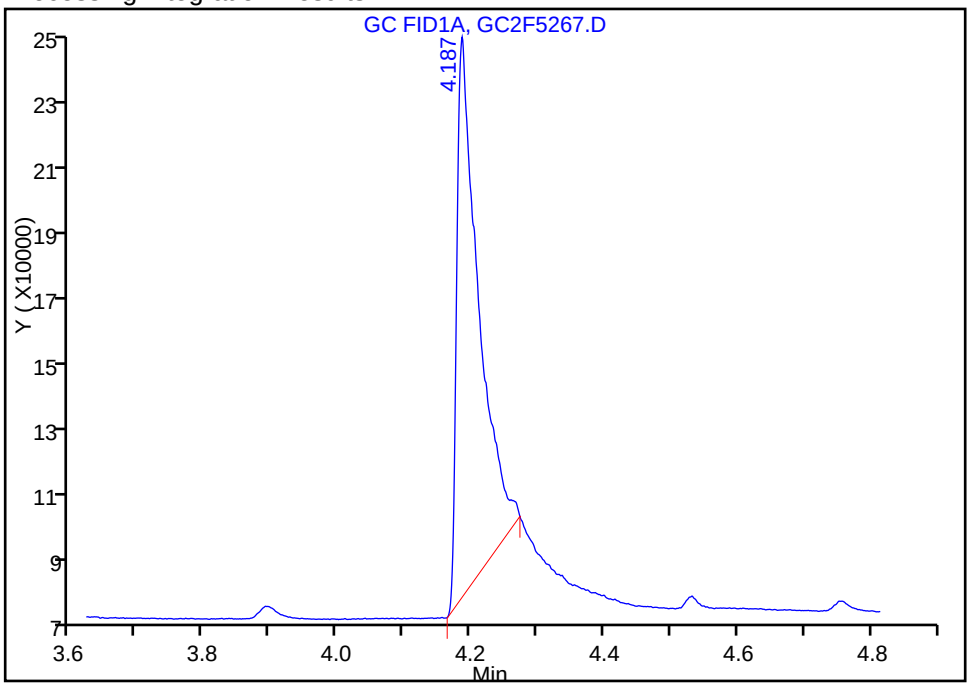
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5267.D		
Injection Date:	17-Sep-2013 08:57:41	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	4
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 4 o-Terphenyl, Signal: 1, Type: quant, RT: 4.16

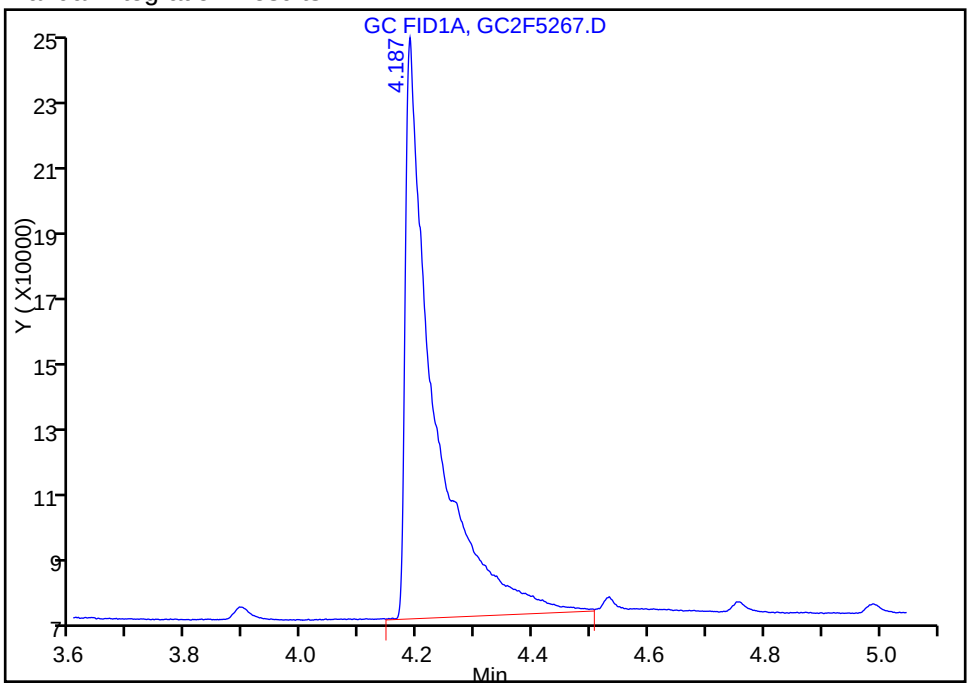
Processing Integration Results

RT: 4.19
Response: 370325
Amount: 8.254379



Manual Integration Results

RT: 4.19
Response: 573755
Amount: 12.788743



Reviewer: kimh, 19-Sep-2013 08:30:09
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181553/1-A

Matrix: Solid Lab File ID: GC2F5304.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/16/2013 12:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 18:01

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.: 181694 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	84		50-105
108-90-7	Chlorobenzene	61		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5304.D		
Lims ID:	MB 460-181553/1-A	Client ID:	
Inject. Date:	17-Sep-2013 18:01:25	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0004706-041		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	35
Lims Batch ID:	181694	Lims Sample ID:	41
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:22:08	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: nimerd Date: 18-Sep-2013 07:22:25

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					M
	0.822	0.824	-0.002	361617	12.1	M
$	4 o-Terphenyl					M
	4.180	4.163	0.017	756886	16.9	M

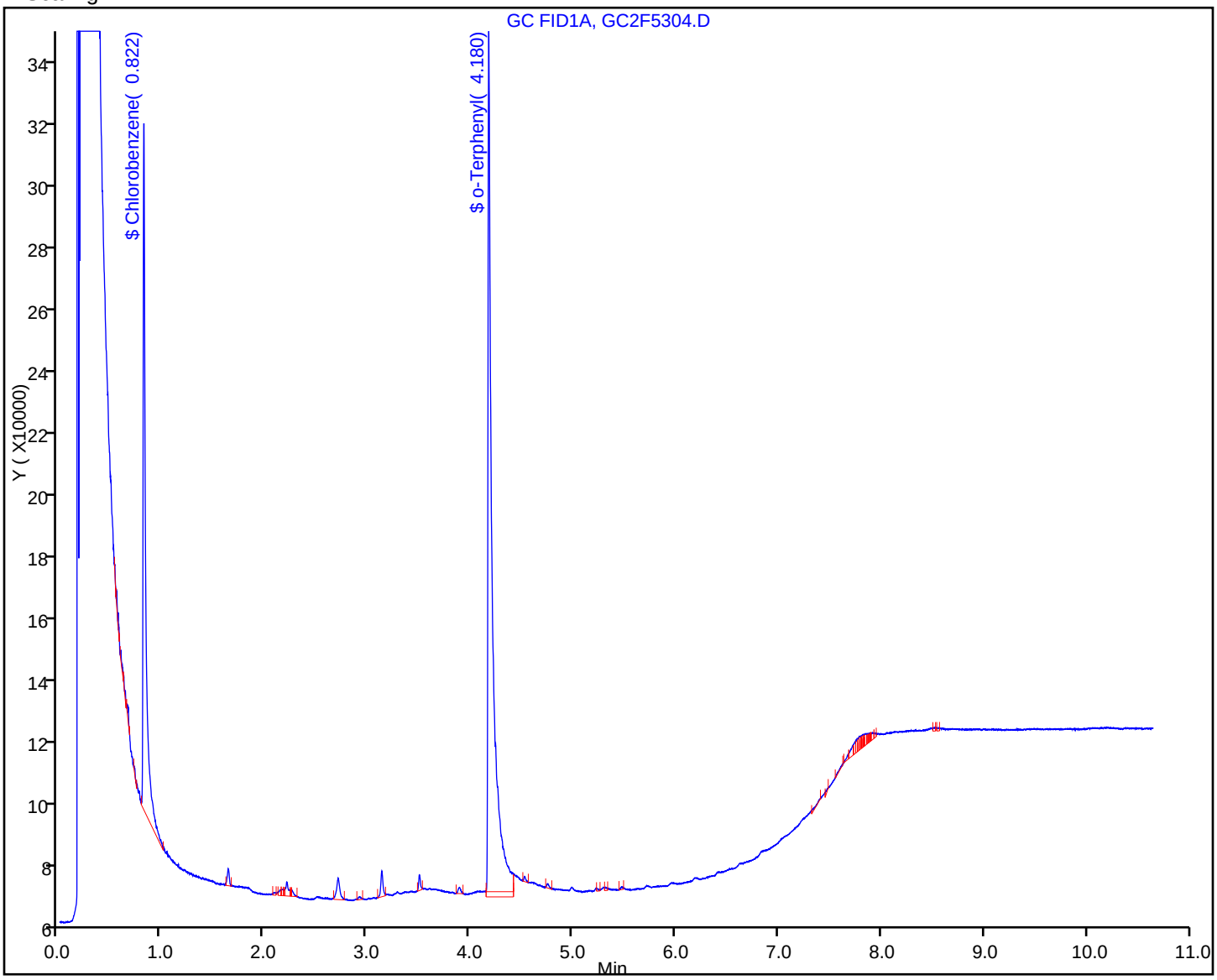
QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 19-Sep-2013 08:22:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5304.D		
Injection Date:	17-Sep-2013 18:01:25	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	41
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



Manual Integration/User Assign Peak Report

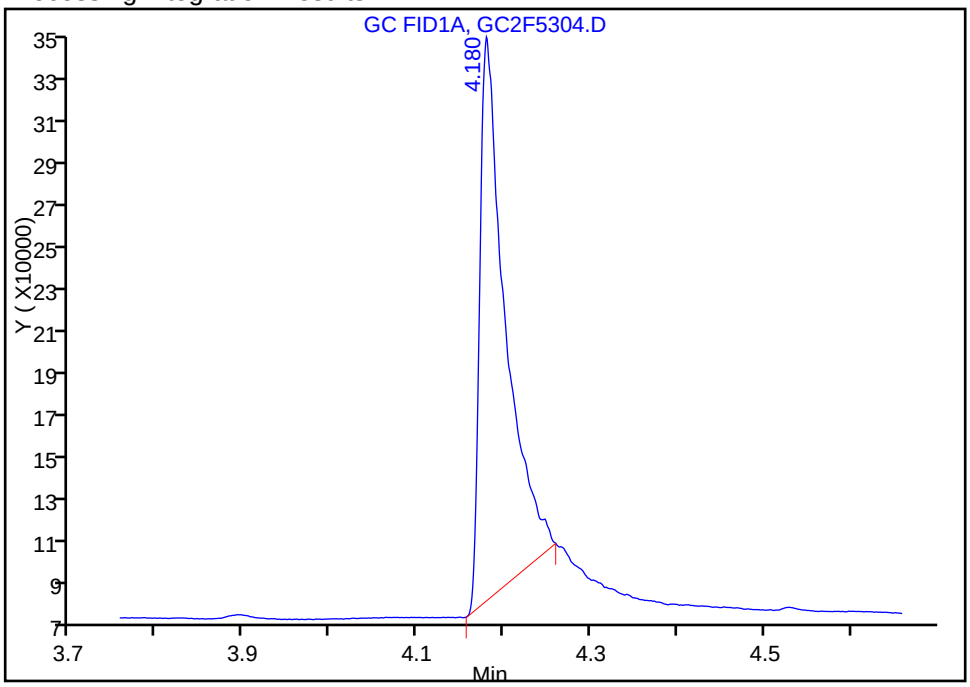
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5304.D		
Injection Date:	17-Sep-2013 18:01:25	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	41
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 4 o-Terphenyl, Signal: 1, Type: quant, RT: 4.16

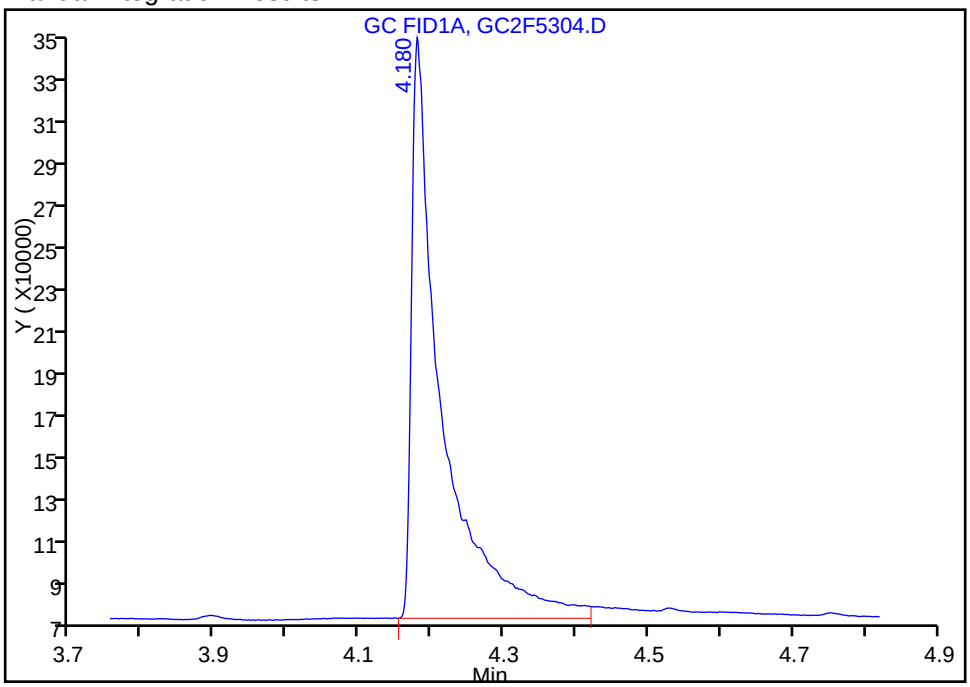
Processing Integration Results

RT: 4.18
Response: 524976
Amount: 11.701481



Manual Integration Results

RT: 4.18
Response: 756886
Amount: 16.870652



Reviewer: nimerd, 18-Sep-2013 07:22:25
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

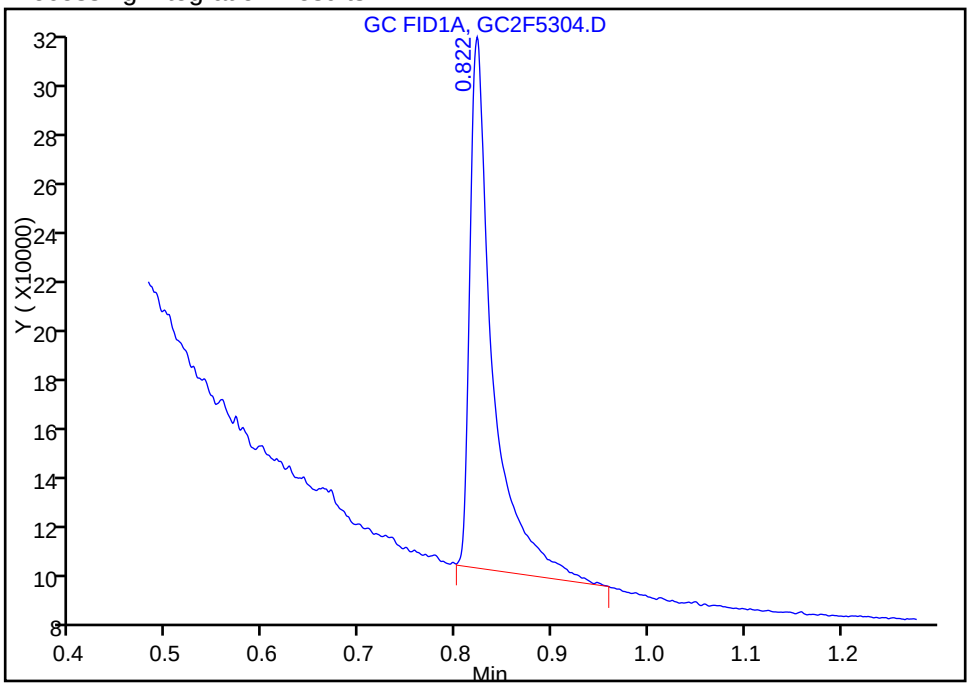
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5304.D		
Injection Date:	17-Sep-2013 18:01:25	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	41
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 5 Chlorobenzene, Signal: 1, Type: quant, RT: 0.82

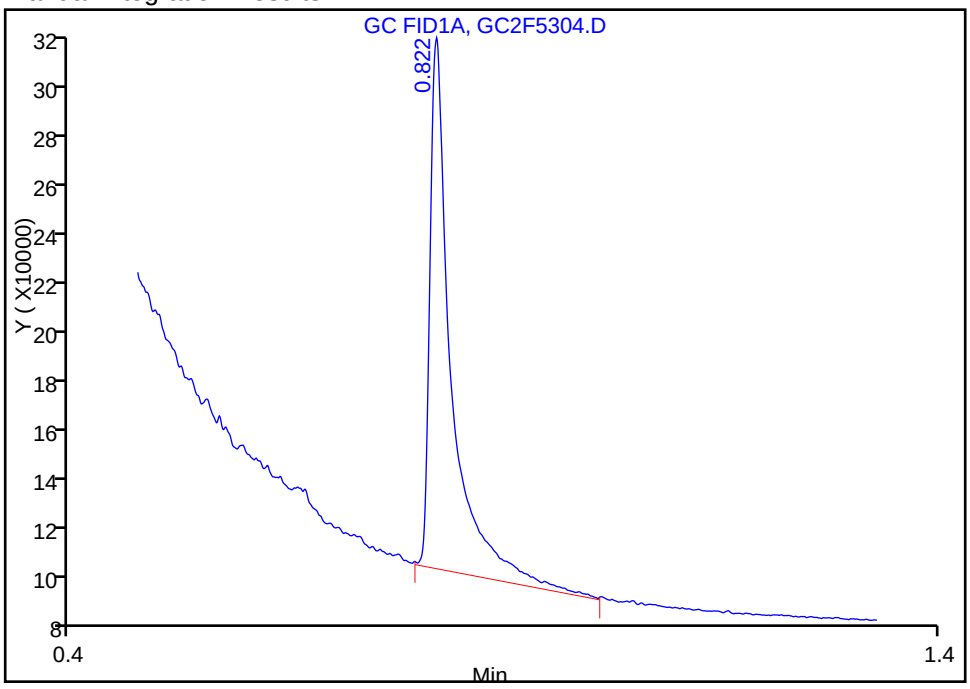
Processing Integration Results

RT: 0.82
Response: 344775
Amount: 11.542598



Manual Integration Results

RT: 0.82
Response: 361617
Amount: 12.106445



Reviewer: nimerd, 18-Sep-2013 07:22:25
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181554/1-A

Matrix: Solid Lab File ID: GC2F5334.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/16/2013 13:05

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 01:21

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.: 181694 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	78		50-105
108-90-7	Chlorobenzene	58		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5334.D		
Lims ID:	MB 460-181554/1-A	Client ID:	
Inject. Date:	18-Sep-2013 01:21:53	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0004706-071		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	59
Lims Batch ID:	181694	Lims Sample ID:	71
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:22:45	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: nimerd Date: 18-Sep-2013 07:25:29

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					M
	0.824	0.824	0.0	347655	11.6	M
$	4 o-Terphenyl					M
	4.176	4.163	0.013	697924	15.6	M

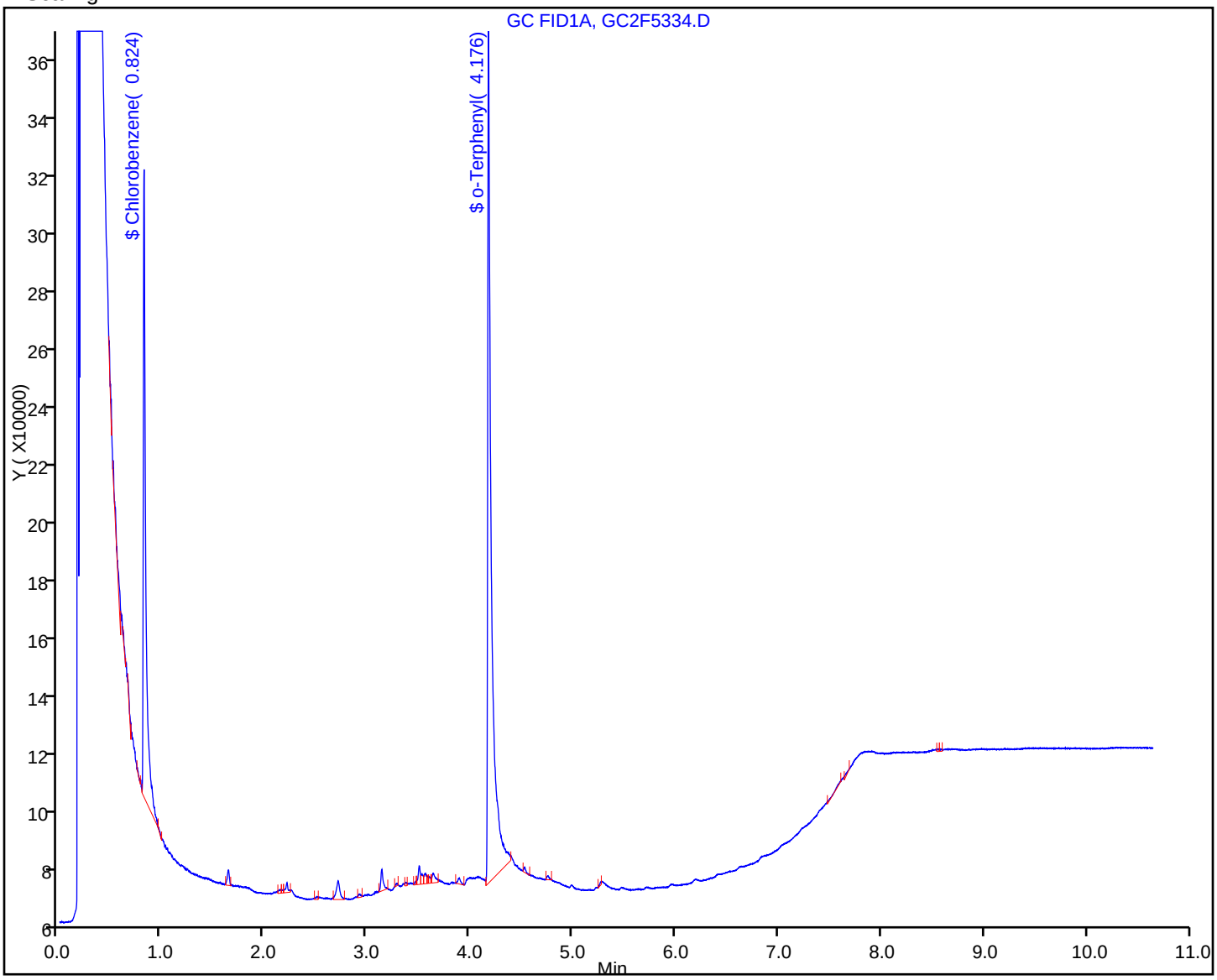
QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 19-Sep-2013 08:22:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5334.D		
Injection Date:	18-Sep-2013 01:21:53	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	71
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



Manual Integration/User Assign Peak Report

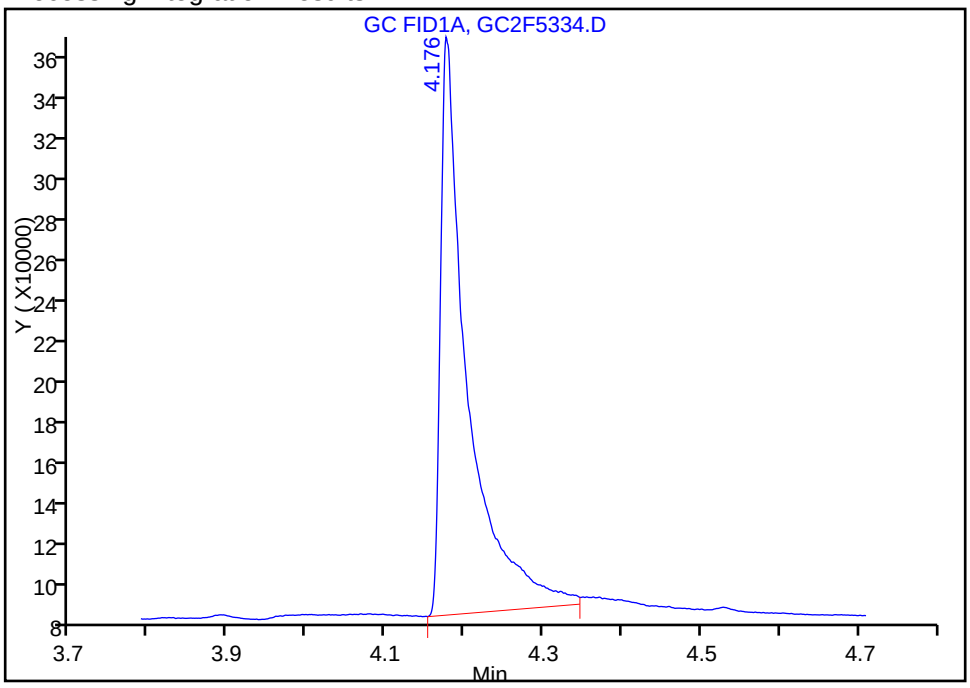
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5334.D		
Injection Date:	18-Sep-2013 01:21:53	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	71
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 4 o-Terphenyl, Signal: 1, Type: quant, RT: 4.16

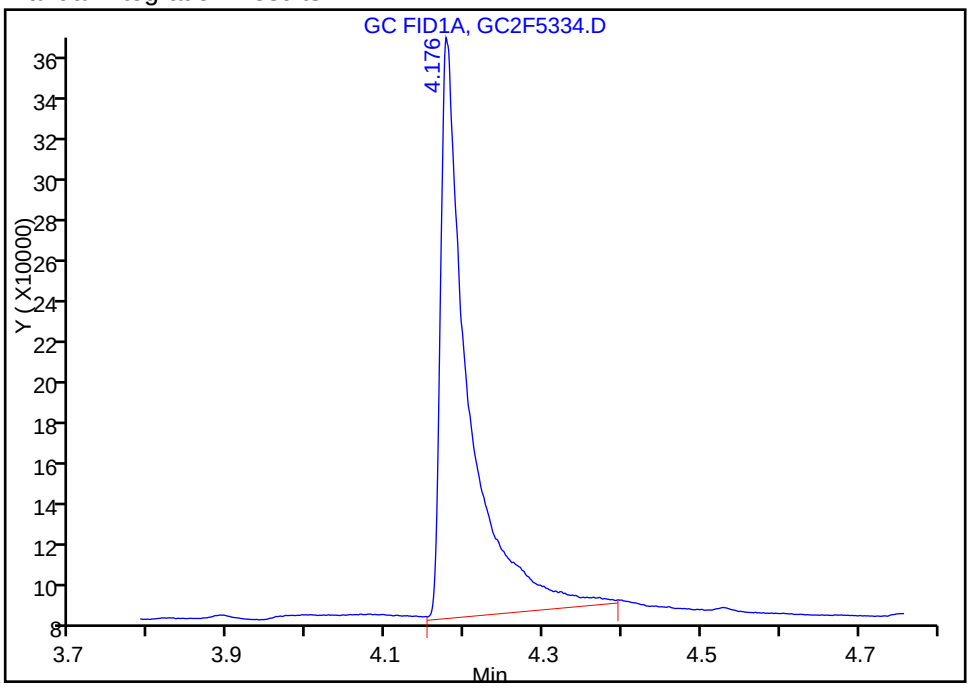
Processing Integration Results

RT: 4.18
Response: 673823
Amount: 15.019214



Manual Integration Results

RT: 4.18
Response: 697924
Amount: 15.556415



Reviewer: nimerd, 18-Sep-2013 07:25:29
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

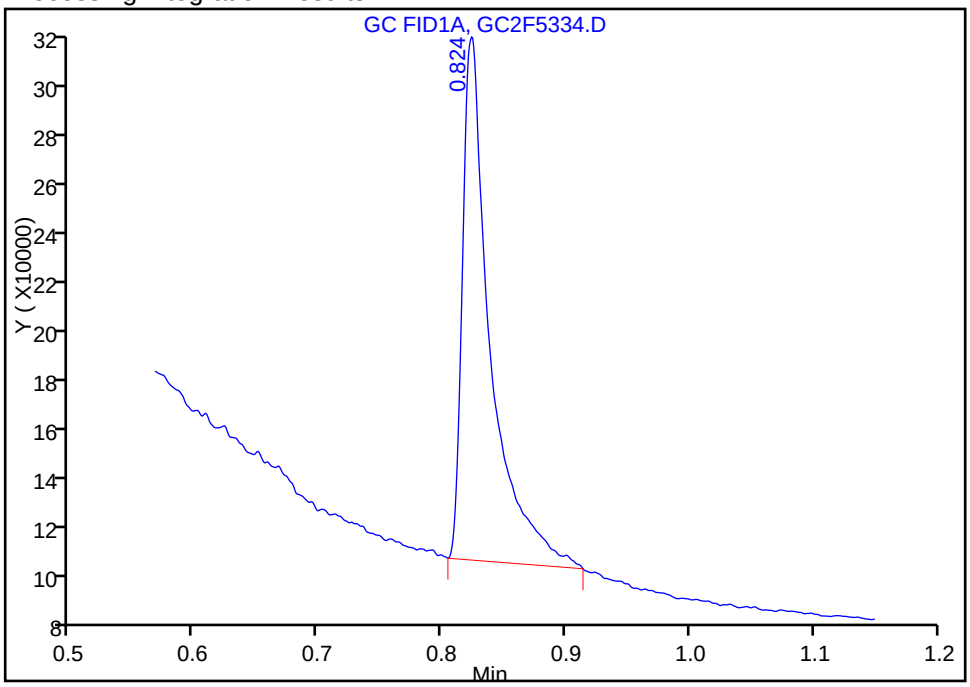
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5334.D		
Injection Date:	18-Sep-2013 01:21:53	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	71
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 5 Chlorobenzene, Signal: 1, Type: quant, RT: 0.82

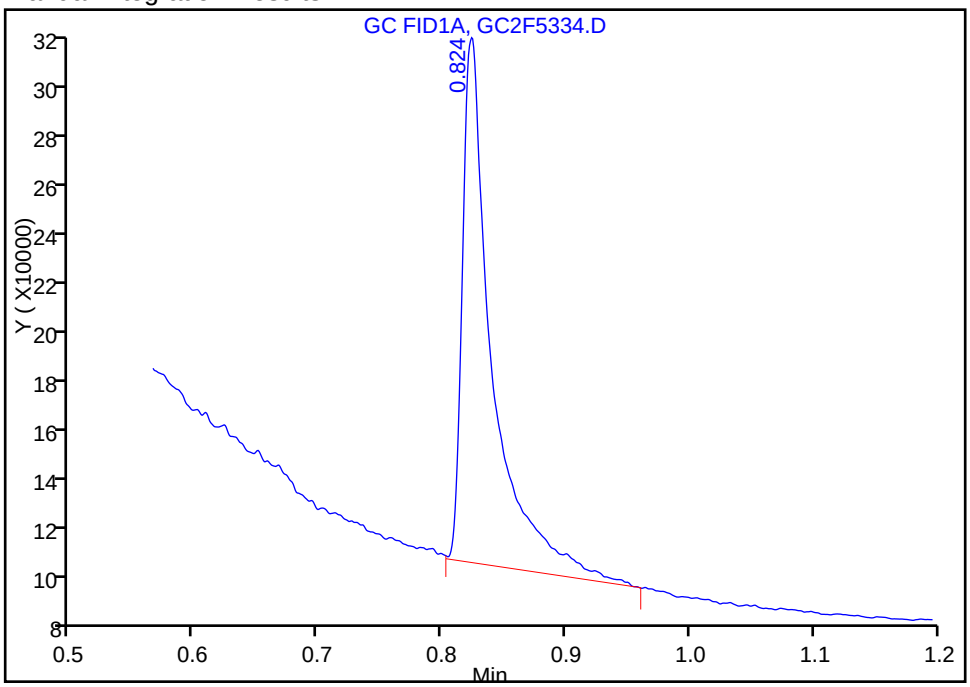
Processing Integration Results

RT: 0.82
Response: 323313
Amount: 10.824079



Manual Integration Results

RT: 0.82
Response: 347655
Amount: 11.639016



Reviewer: nimerd, 18-Sep-2013 07:25:29
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181800/1-A

Matrix: Solid Lab File ID: GC2F5476.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.00(g) Date Analyzed: 09/19/2013 14:53

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.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	79		50-105
108-90-7	Chlorobenzene	58		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5476.D		
Lims ID:	MB 460-181800/1-A	Client ID:	
Inject. Date:	19-Sep-2013 14:53:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0004792-028		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	26
Lims Batch ID:	182075	Lims Sample ID:	28
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	20-Sep-2013 07:30:44	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK051		

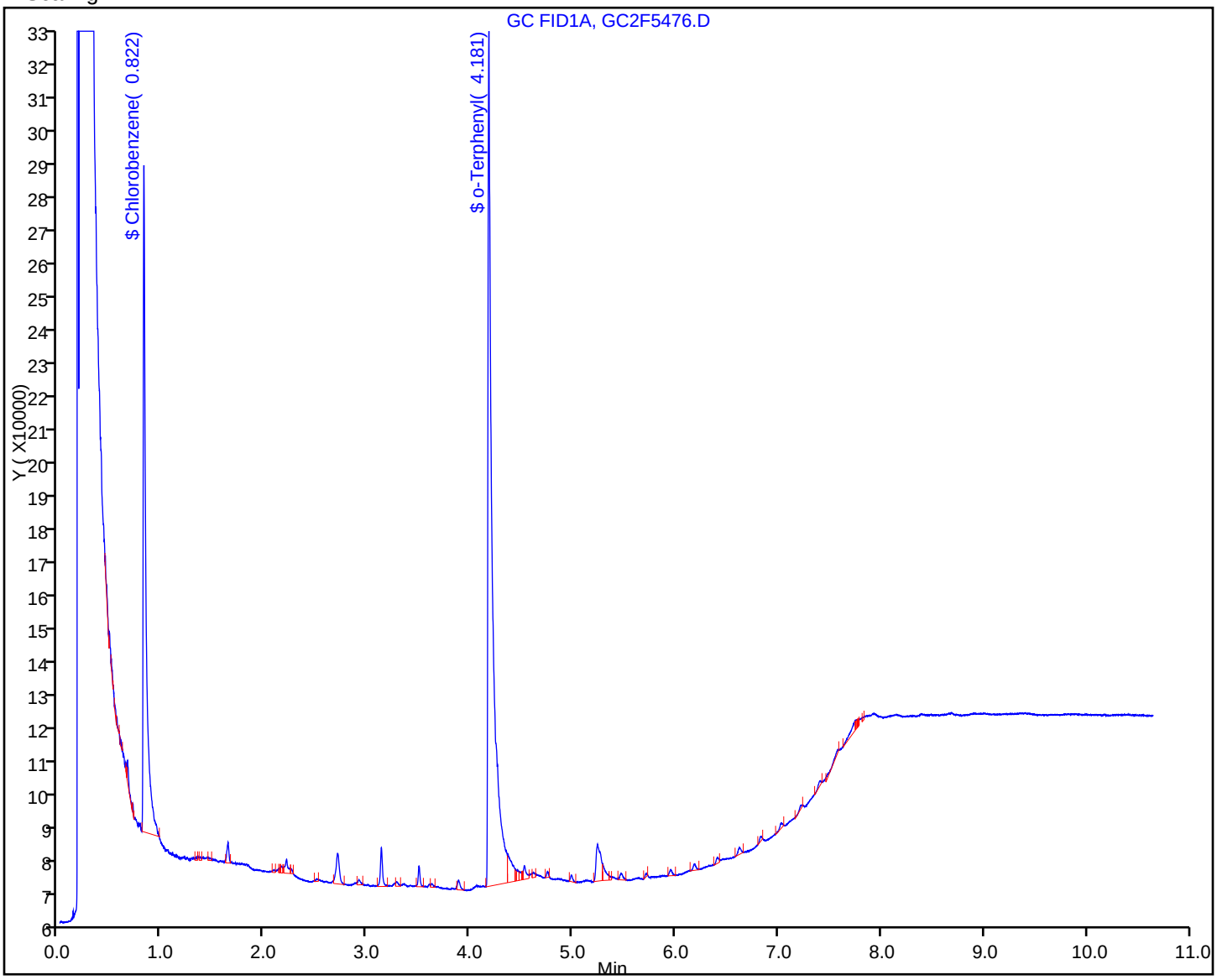
First Level Reviewer: kimh Date: 20-Sep-2013 07:19:06

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.822	0.827	-0.005	345928	11.6	
$	4 o-Terphenyl					
	4.181	4.160	0.021	710182	15.8	

Report Date: 20-Sep-2013 07:30:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5476.D		
Injection Date:	19-Sep-2013 14:53:30	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	28
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181802/1-A

Matrix: Solid Lab File ID: GC2F5487.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/17/2013 14:45

Sample wt/vol: 15.00(g) Date Analyzed: 09/19/2013 17:34

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.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	81		50-105
108-90-7	Chlorobenzene	61		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5487.D		
Lims ID:	MB 460-181802/1-A	Client ID:	
Inject. Date:	19-Sep-2013 17:34:51	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0004792-039		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	35
Lims Batch ID:	182075	Lims Sample ID:	39
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	20-Sep-2013 07:30:59	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK051		

First Level Reviewer: kimh Date: 20-Sep-2013 07:25:36

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.824	0.826	-0.002	366334	12.3	
$	4 o-Terphenyl					
	4.175	4.159	0.016	731199	16.3	

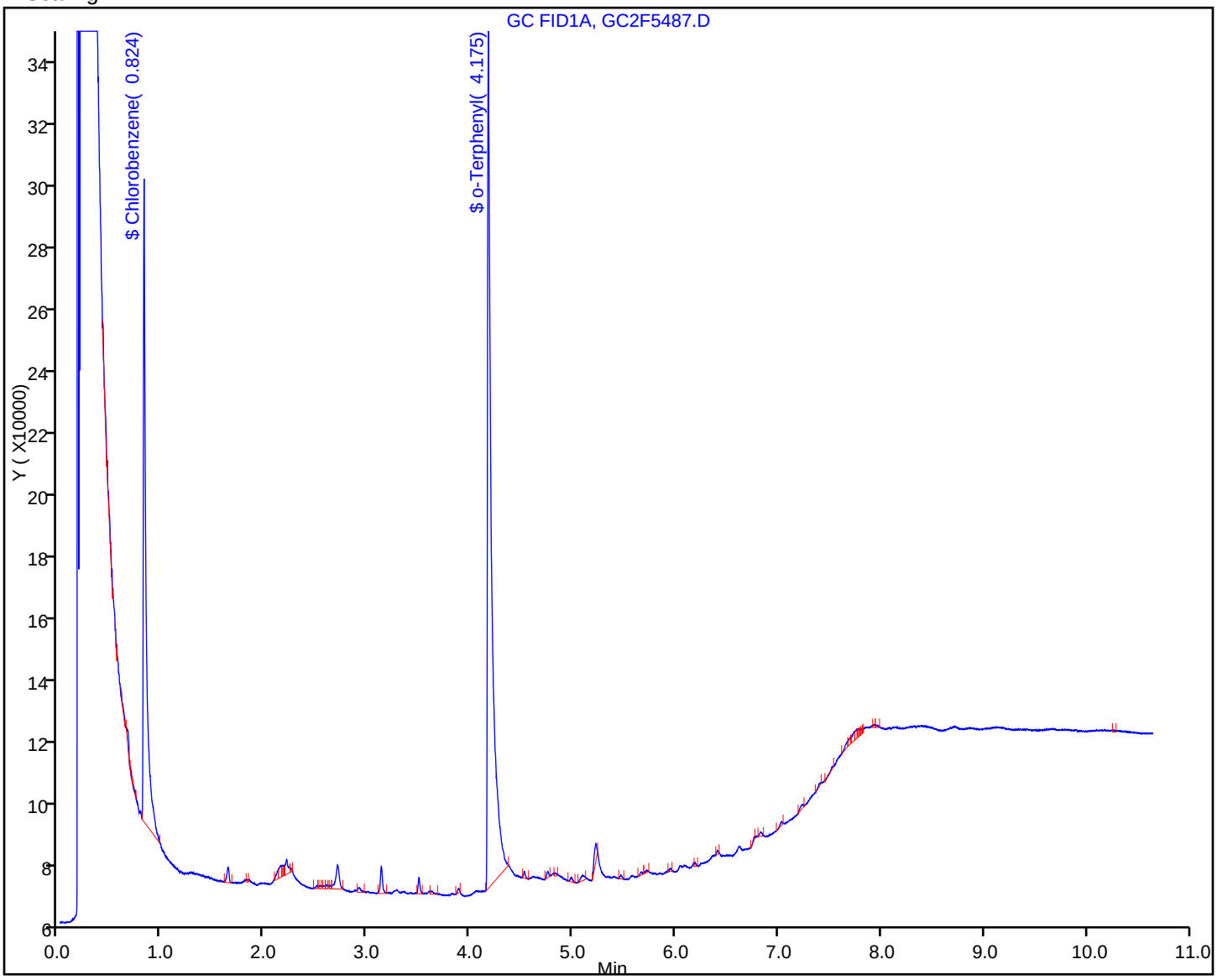
Report Date: 20-Sep-2013 07:31:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5487.D

Injection Date:	19-Sep-2013 17:34:51	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	39
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181994/1-A

Matrix: Solid Lab File ID: GC2F5452.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/18/2013 12:53

Sample wt/vol: 15.00(g) Date Analyzed: 09/19/2013 08:01

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.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	78		50-105
108-90-7	Chlorobenzene	56		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5452.D		
Lims ID:	MB 460-181994/1-A	Client ID:	
Inject. Date:	19-Sep-2013 08:01:38	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0004792-004		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	182075	Lims Sample ID:	4
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	19-Sep-2013 13:17:08	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

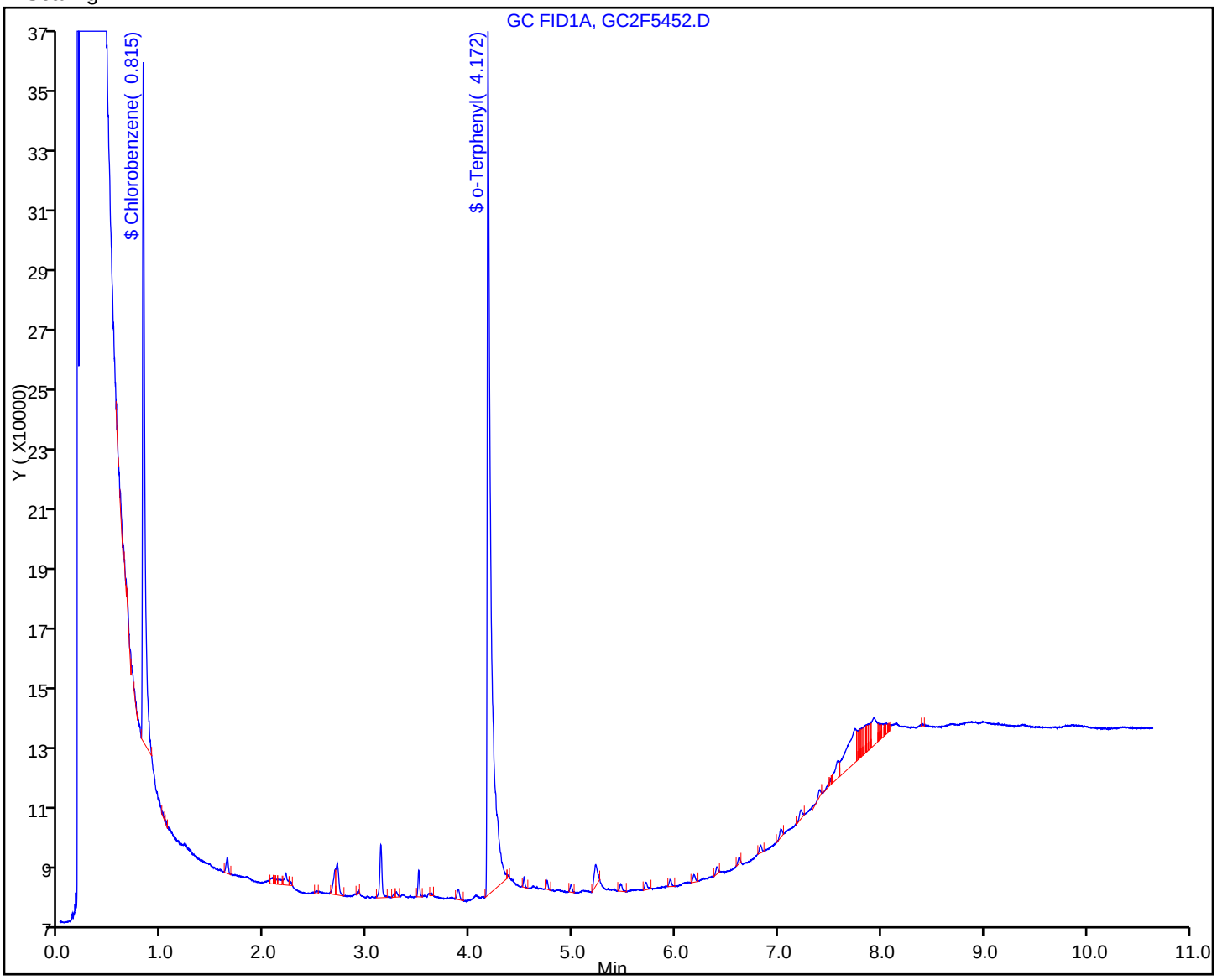
First Level Reviewer: kimh Date: 19-Sep-2013 08:20:53

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.815	0.825	-0.010	337162	11.3	
$	4 o-Terphenyl					
	4.172	4.159	0.013	695550	15.5	

Report Date: 19-Sep-2013 13:17:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5452.D		
Injection Date:	19-Sep-2013 08:01:38	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	4
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-181694/2

Matrix: Water Lab File ID: GC2F5265.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/17/2013 08:28

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181694 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	31.9		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	86		51-123
108-90-7	Chlorobenzene	101		42-93

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5265.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	17-Sep-2013 08:28:07	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	460-0004706-002		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	181694	Lims Sample ID:	2
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:21:27	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		
First Level Reviewer: nimerd		Date:	17-Sep-2013 08:53:28

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.830	0.824	0.006	187391	6.27	
A 3 C8-C40					
4.120	0.491 -	7.746	1092089	31.9	k
$ 4 o-Terphenyl					
4.191	4.163	0.028	239104	5.33	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

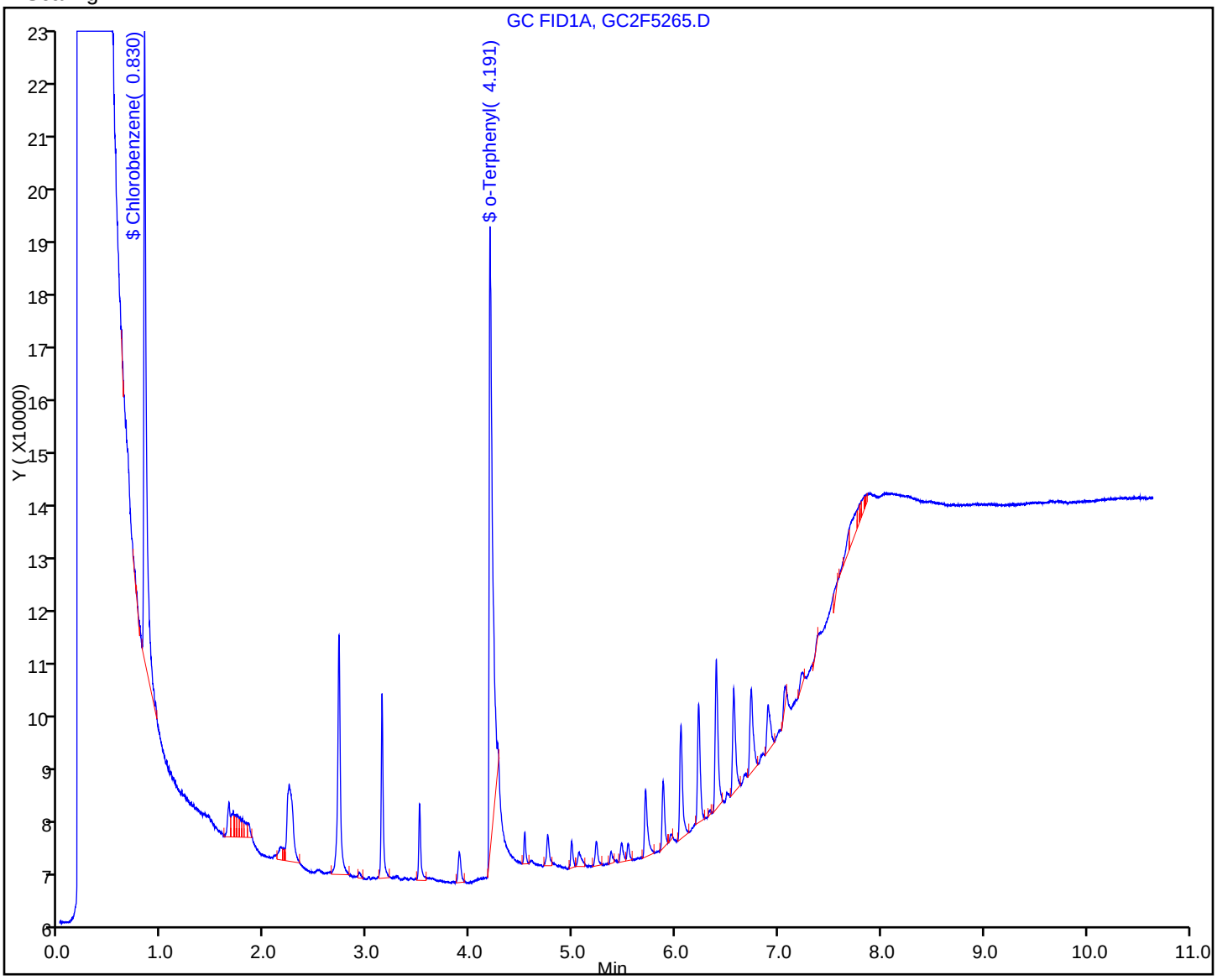
Report Date: 19-Sep-2013 08:21:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5265.D

Injection Date:	17-Sep-2013 08:28:07	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	2
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-181694/9

Matrix: Water Lab File ID: GC2F5272.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/17/2013 10:11

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181694 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	121		51-123
108-90-7	Chlorobenzene	98		42-93

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5272.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	17-Sep-2013 10:11:02	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	460-0004706-009		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	181694	Lims Sample ID:	9
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:21:29	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene	0.831	0.824	0.007	181826	6.09	
A 3 C8-C40	4.119	0.491 -	7.746	-600082	-17.5	k
$ 4 o-Terphenyl	4.194	4.163	0.031	336607	7.50	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

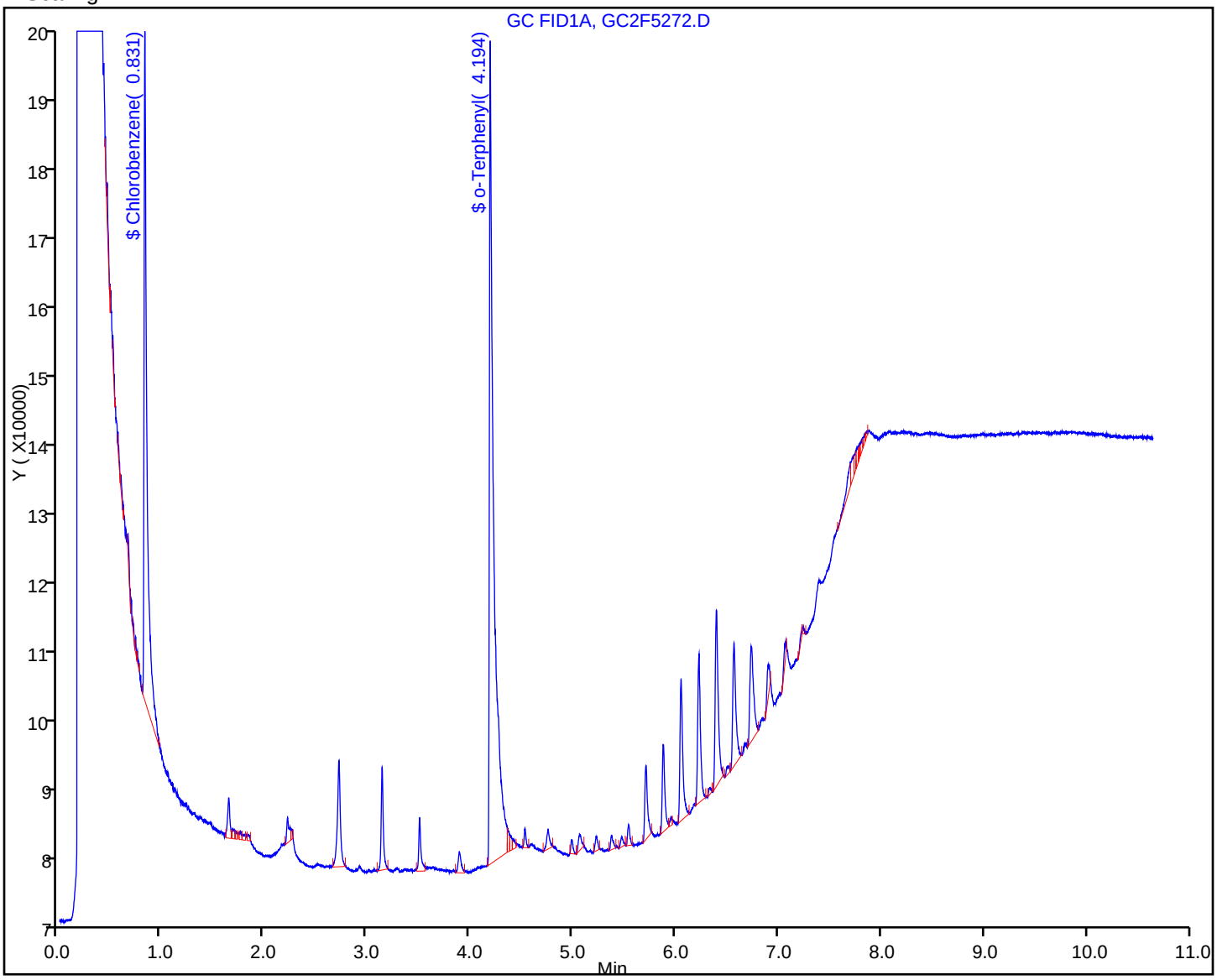
Report Date: 19-Sep-2013 08:21:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5272.D

Injection Date:	17-Sep-2013 10:11:02	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	9
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-181694/39

Matrix: Solid Lab File ID: GC2F5302.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/17/2013 17:31

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181694 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	9.43		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	102		50-105
108-90-7	Chlorobenzene	93		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5302.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	17-Sep-2013 17:31:59	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	460-0004706-039		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	181694	Lims Sample ID:	39
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:21:57	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.831	0.824	0.007	171673	5.75	
A 3 C8-C40					
4.119	0.491 -	7.746	323153	9.43	k
$ 4 o-Terphenyl					
4.186	4.163	0.023	282415	6.29	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

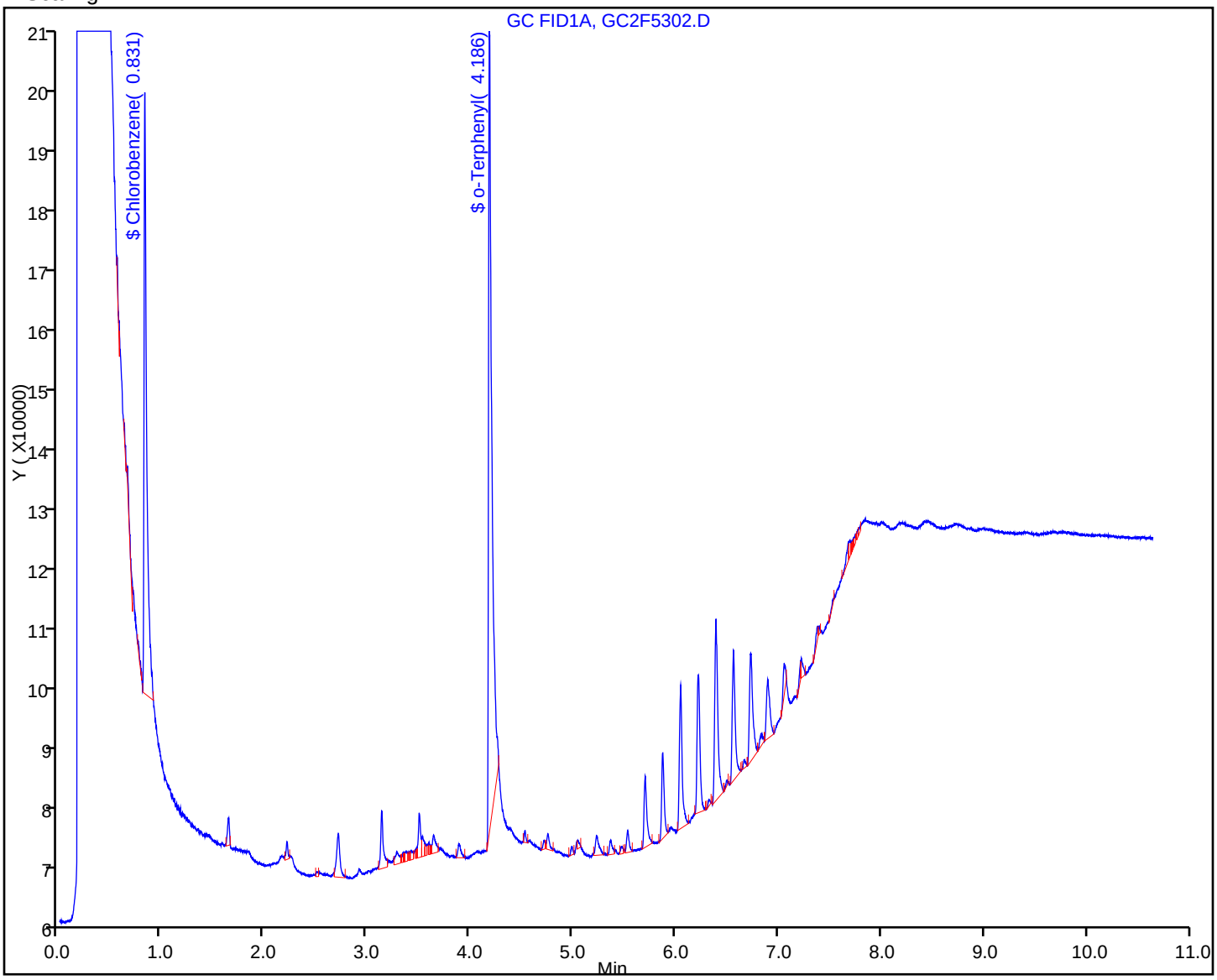
Report Date: 19-Sep-2013 08:22:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5302.D

Injection Date:	17-Sep-2013 17:31:59	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	39
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-181694/50

Matrix: Solid Lab File ID: GC2F5313.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/17/2013 20:13

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181694 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	77.5		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	85		50-105
108-90-7	Chlorobenzene	73		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5313.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	17-Sep-2013 20:13:24	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	460-0004706-050		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	181694	Lims Sample ID:	50
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:22:08	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.830	0.824	0.006	135418	4.53	
A	3 C8-C40					
	4.119	0.491 -	7.746	2656407	77.5	k
$	4 o-Terphenyl					
	4.194	4.163	0.031	236300	5.27	

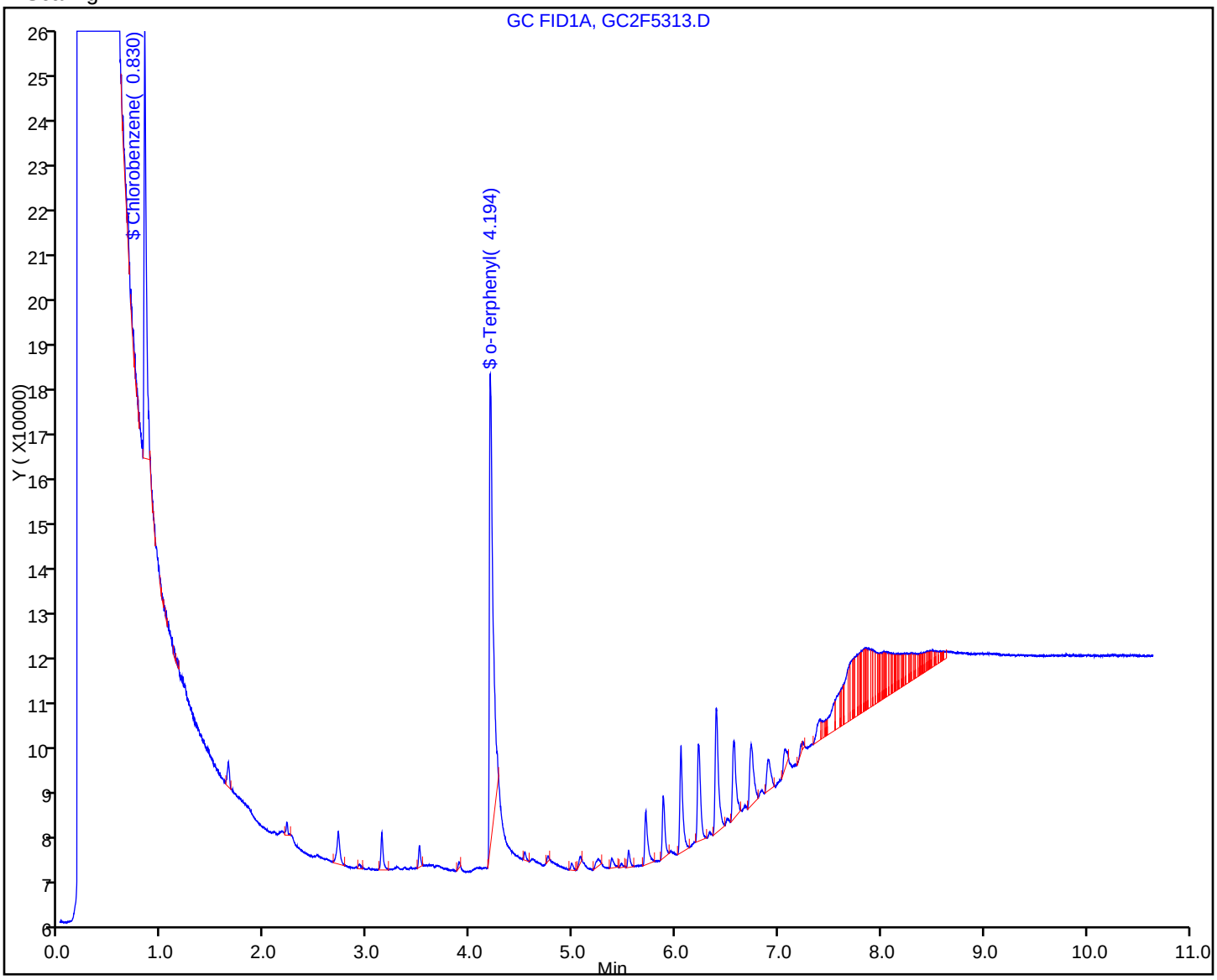
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:22:19 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5313.D		
Injection Date:	17-Sep-2013 20:13:24	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	50
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-181694/61

Matrix: Solid Lab File ID: GC2F5324.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/17/2013 22:55

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181694 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	78.7		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	125		50-105
108-90-7	Chlorobenzene	107		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5324.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	17-Sep-2013 22:55:12	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	460-0004706-061		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	181694	Lims Sample ID:	61
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:22:21	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.826	0.824	0.002	197908	6.63	
A	3 C8-C40					
	4.119	0.491 -	7.746	2698862	78.7	k
$	4 o-Terphenyl					
	4.176	4.163	0.013	346322	7.72	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

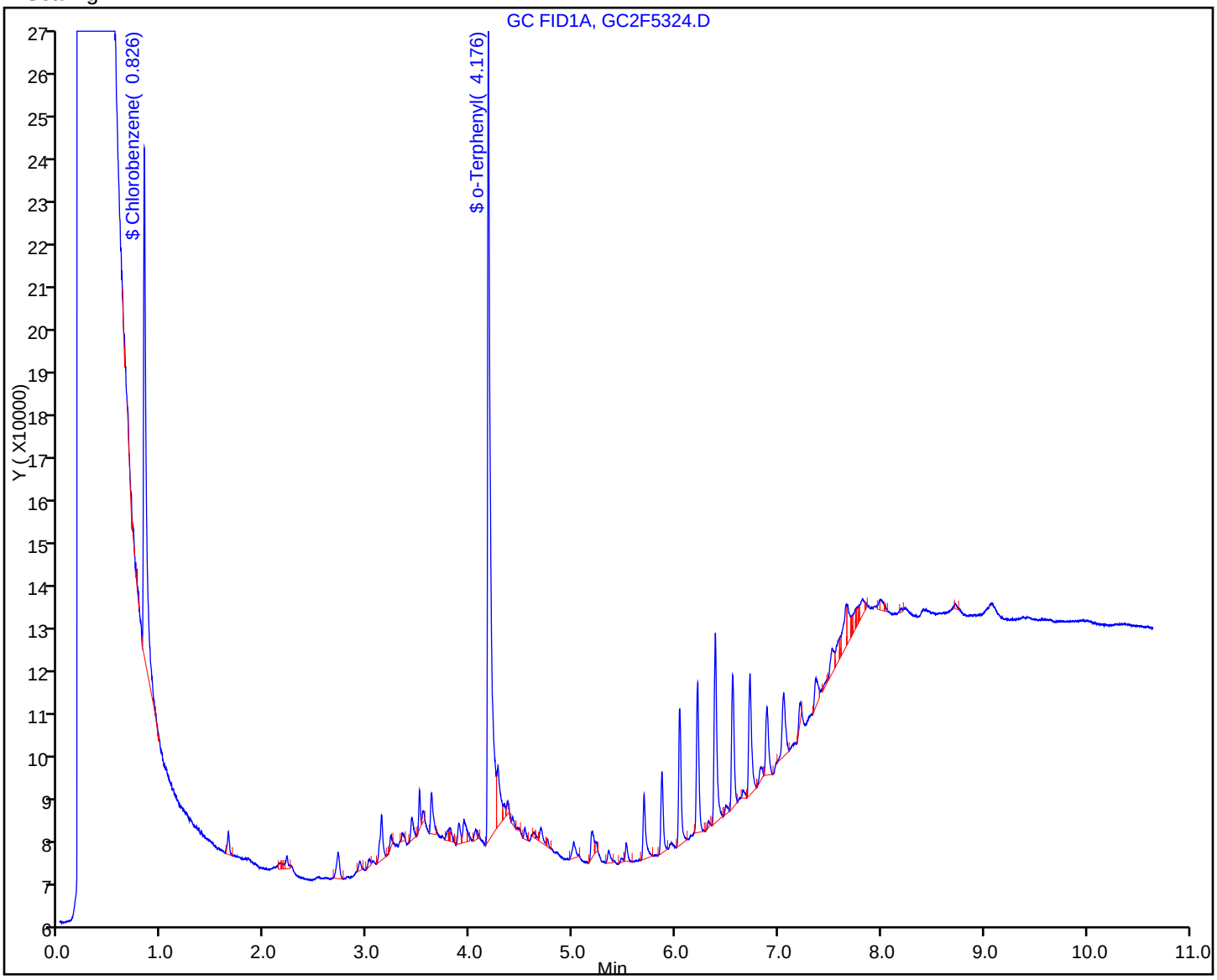
Report Date: 19-Sep-2013 08:22:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5324.D

Injection Date:	17-Sep-2013 22:55:12	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	61
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-181694/69

Matrix: Solid Lab File ID: GC2F5332.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/18/2013 00:52

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181694 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	52.3		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	114		50-105
108-90-7	Chlorobenzene	100		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5332.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	18-Sep-2013 00:52:20	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	460-0004706-069		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	181694	Lims Sample ID:	69
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:22:37	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.830	0.824	0.006	184899	6.19	
A	3 C8-C40					
	4.119	0.491 -	7.746	1793890	52.3	k
$	4 o-Terphenyl					
	4.181	4.163	0.018	316134	7.05	

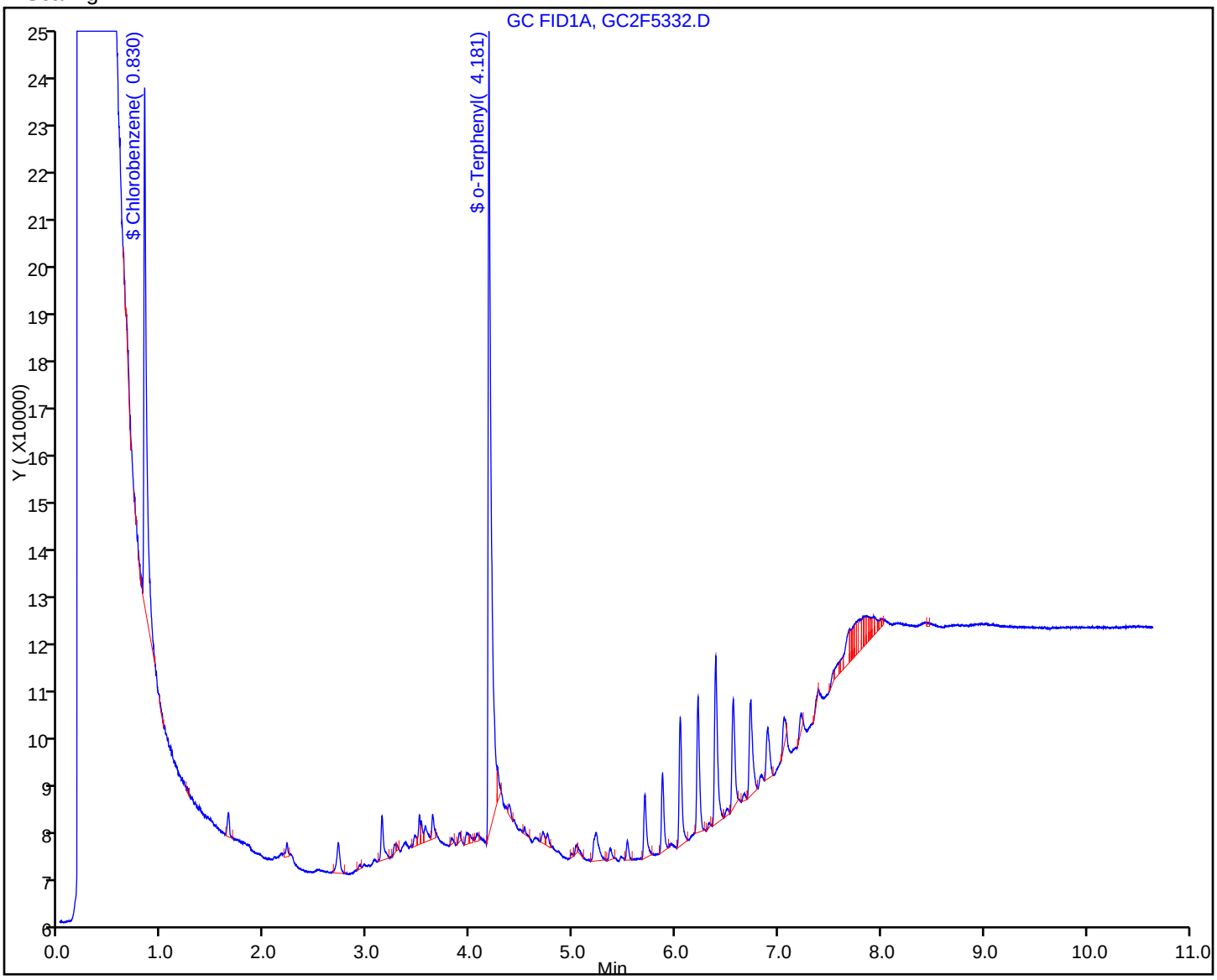
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:22:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5332.D		
Injection Date:	18-Sep-2013 00:52:20	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	69
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-181694/78

Matrix: Solid Lab File ID: GC2F5341.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/18/2013 03:05

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181694 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	119		50-105
108-90-7	Chlorobenzene	102		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5341.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	18-Sep-2013 03:05:23	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	460-0004706-078		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	181694	Lims Sample ID:	78
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:22:45	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: nimerd Date: 18-Sep-2013 07:27:21

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.832	0.824	0.008	188029	6.29	
A	3 C8-C40					
	4.119	0.491 -	7.746	-127078	-3.71	k
$	4 o-Terphenyl					
	4.181	4.163	0.018	332054	7.40	

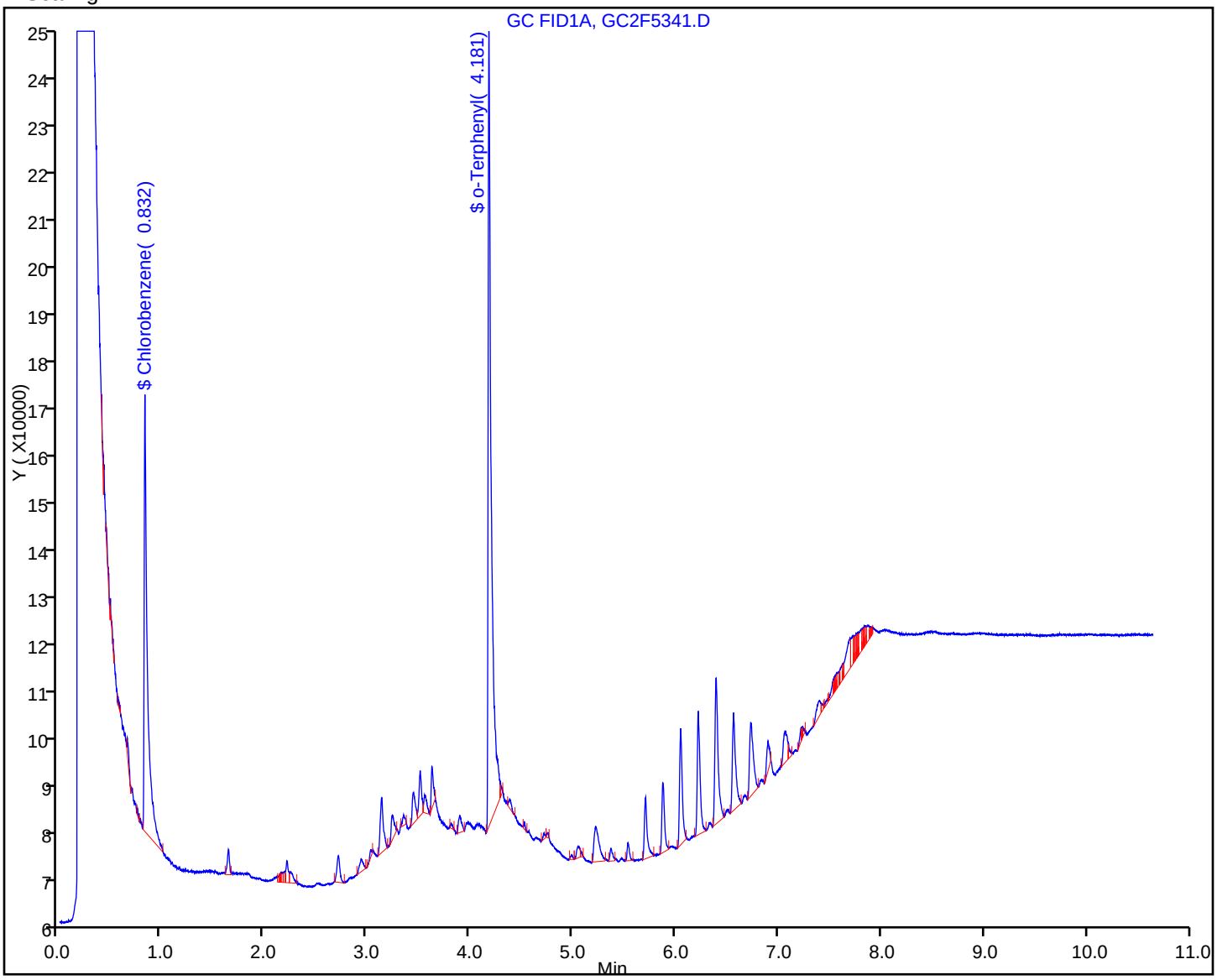
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:22:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5341.D		
Injection Date:	18-Sep-2013 03:05:23	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	78
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-181947/23

Matrix: Solid Lab File ID: GC2F5387.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/18/2013 16:18

Con. Extract Vol.: 1.0(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.: 181947 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	91		50-105
108-90-7	Chlorobenzene	62		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5387.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	18-Sep-2013 16:18:19	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	460-0004767-023		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	181947	Lims Sample ID:	23
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:44:39	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 08:44:39

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.837	0.819	0.018	115635	3.87	
A	3 C8-C40					
	4.116	0.490 -	7.743	-3926308	-114.5	k
$	4 o-Terphenyl					
	4.201	4.159	0.042	253919	5.66	

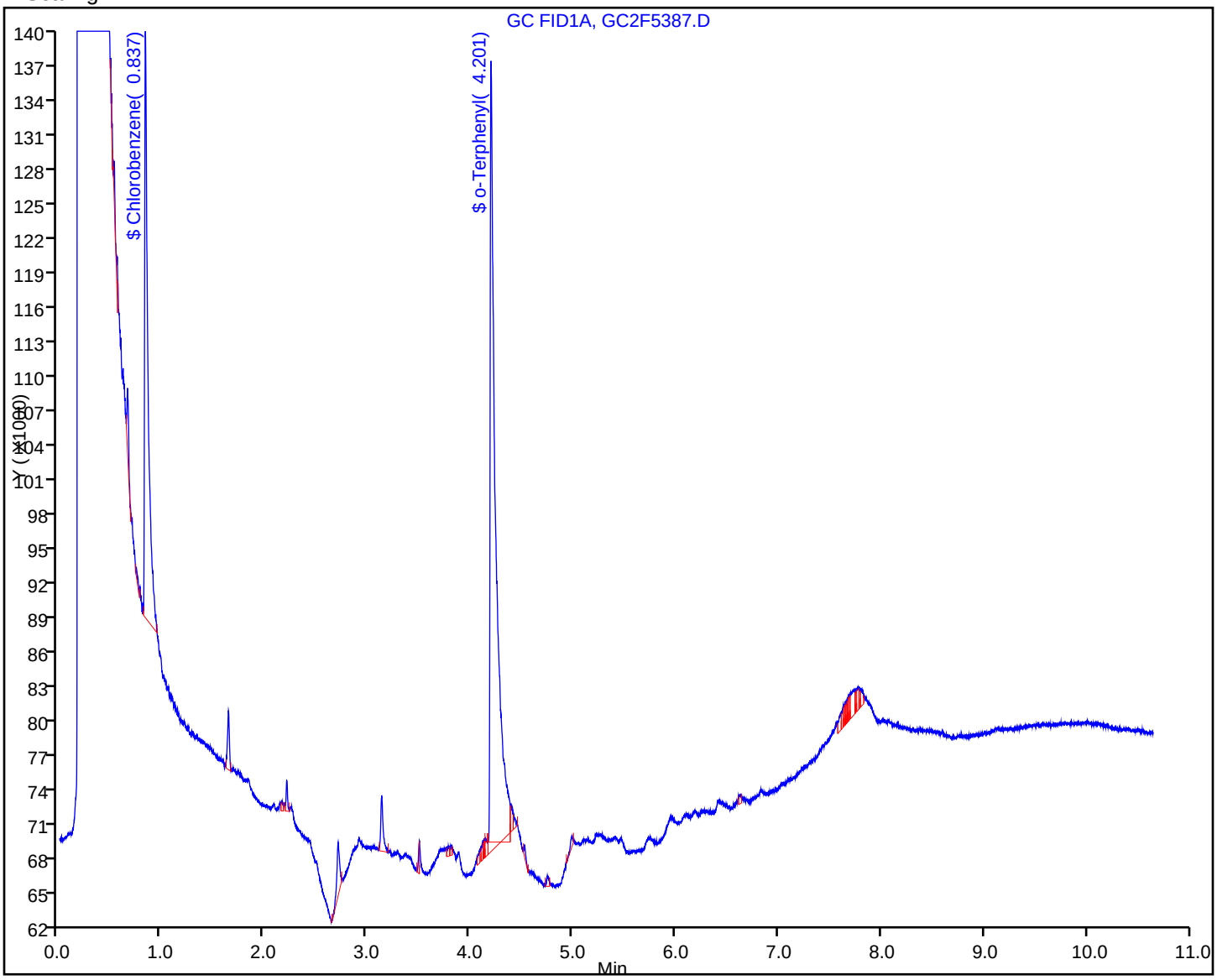
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:45:08 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5387.D		
Injection Date:	18-Sep-2013 16:18:19	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	23
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-181947/35

Matrix: Solid Lab File ID: GC2F5399.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/18/2013 19:15

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	53.0		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	94		50-105
108-90-7	Chlorobenzene	85		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5399.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	18-Sep-2013 19:15:15	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	460-0004767-035		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	181947	Lims Sample ID:	35
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:54	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.823	0.819	0.004	158049	5.29	
A	3 C8-C40					
	4.116	0.490 -	7.743	1814943	53.0	k
$	4 o-Terphenyl					
	4.174	4.159	0.015	262778	5.86	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

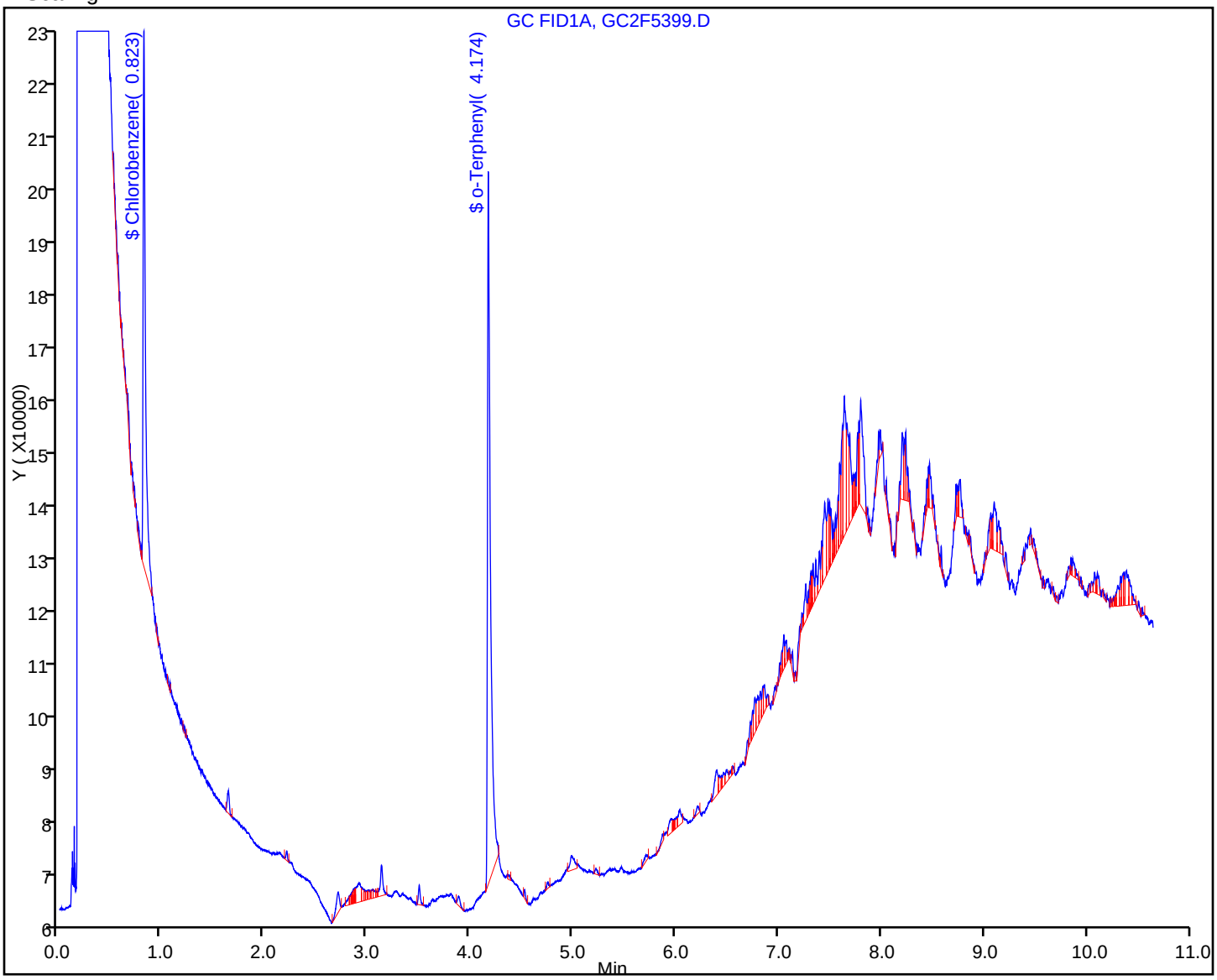
Report Date: 19-Sep-2013 08:25:04 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5399.D

Injection Date:	18-Sep-2013 19:15:15	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	35
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-181947/43

Matrix: Solid Lab File ID: GC2F5407.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/18/2013 21:12

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	101		50-105
108-90-7	Chlorobenzene	85		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5407.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	18-Sep-2013 21:12:49	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	460-0004767-043		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	181947	Lims Sample ID:	43
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:04	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.825	0.819	0.006	157792	5.28	
A	3 C8-C40					
	4.116	0.490 -	7.743	-2835602	-82.7	k
$	4 o-Terphenyl					
	4.181	4.159	0.022	281733	6.28	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

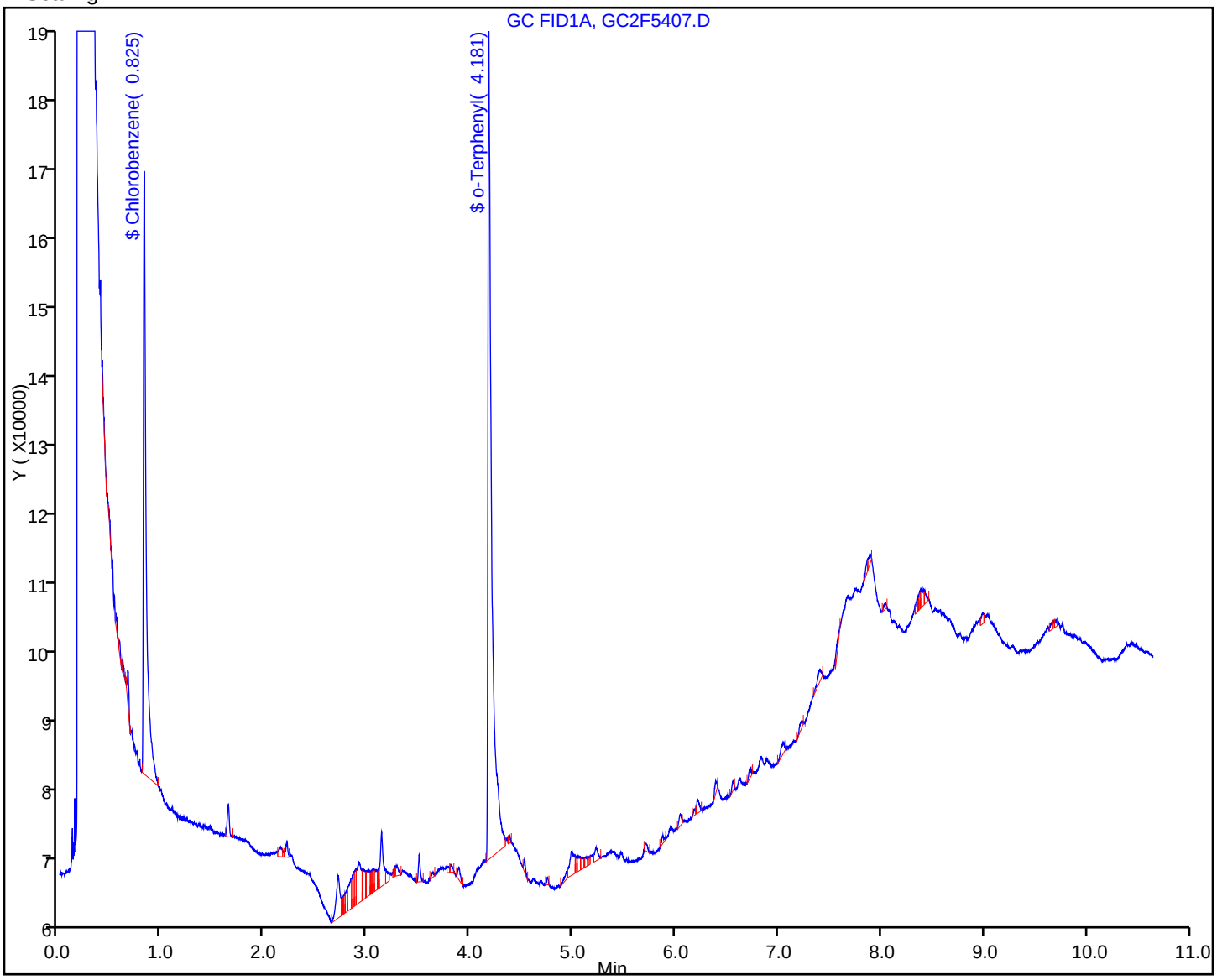
Report Date: 19-Sep-2013 08:25:14 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5407.D

Injection Date:	18-Sep-2013 21:12:49	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	43
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-181947/75

Matrix: Solid Lab File ID: GC2F5417.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/18/2013 23:39

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	98		50-105
108-90-7	Chlorobenzene	73		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5417.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	18-Sep-2013 23:39:41	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	460-0004767-075		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	181947	Lims Sample ID:	75
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:14	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.827	0.819	0.008	135739	4.54	
A	3 C8-C40					
	4.116	0.490 -	7.743	-2958879	-86.3	k
$	4 o-Terphenyl					
	4.185	4.159	0.026	271294	6.05	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

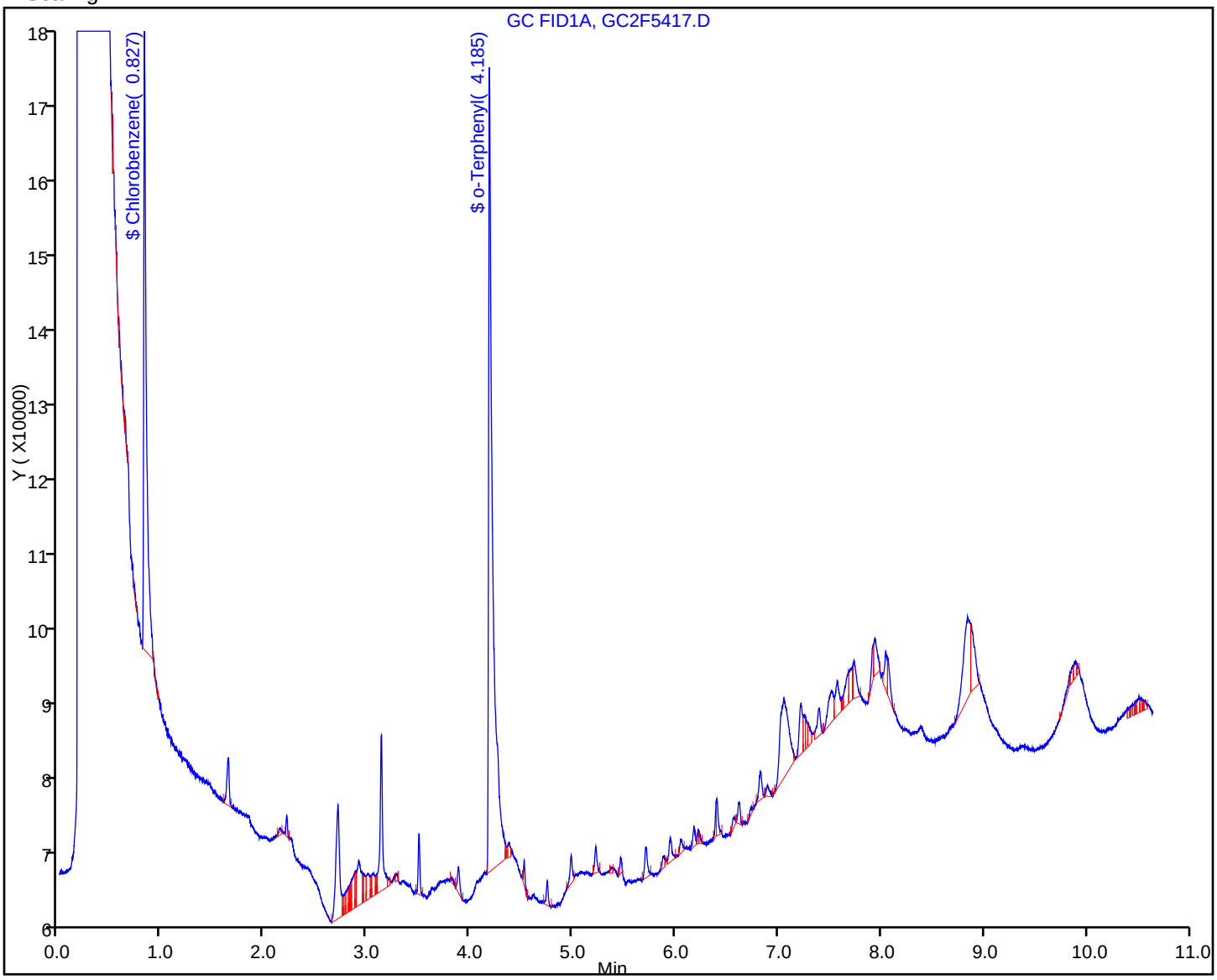
Report Date: 19-Sep-2013 08:25:24 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5417.D

Injection Date:	18-Sep-2013 23:39:41	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	75
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-181947/77

Matrix: Solid Lab File ID: GC2F5427.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/19/2013 02:07

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	96		50-105
108-90-7	Chlorobenzene	74		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5427.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	19-Sep-2013 02:07:01	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	460-0004767-077		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	181947	Lims Sample ID:	77
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:25	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.831	0.819	0.012	137809	4.61	
A	3 C8-C40					
	4.116	0.490 -	7.743	-3367785	-98.3	k
$	4 o-Terphenyl					
	4.191	4.159	0.032	267718	5.97	

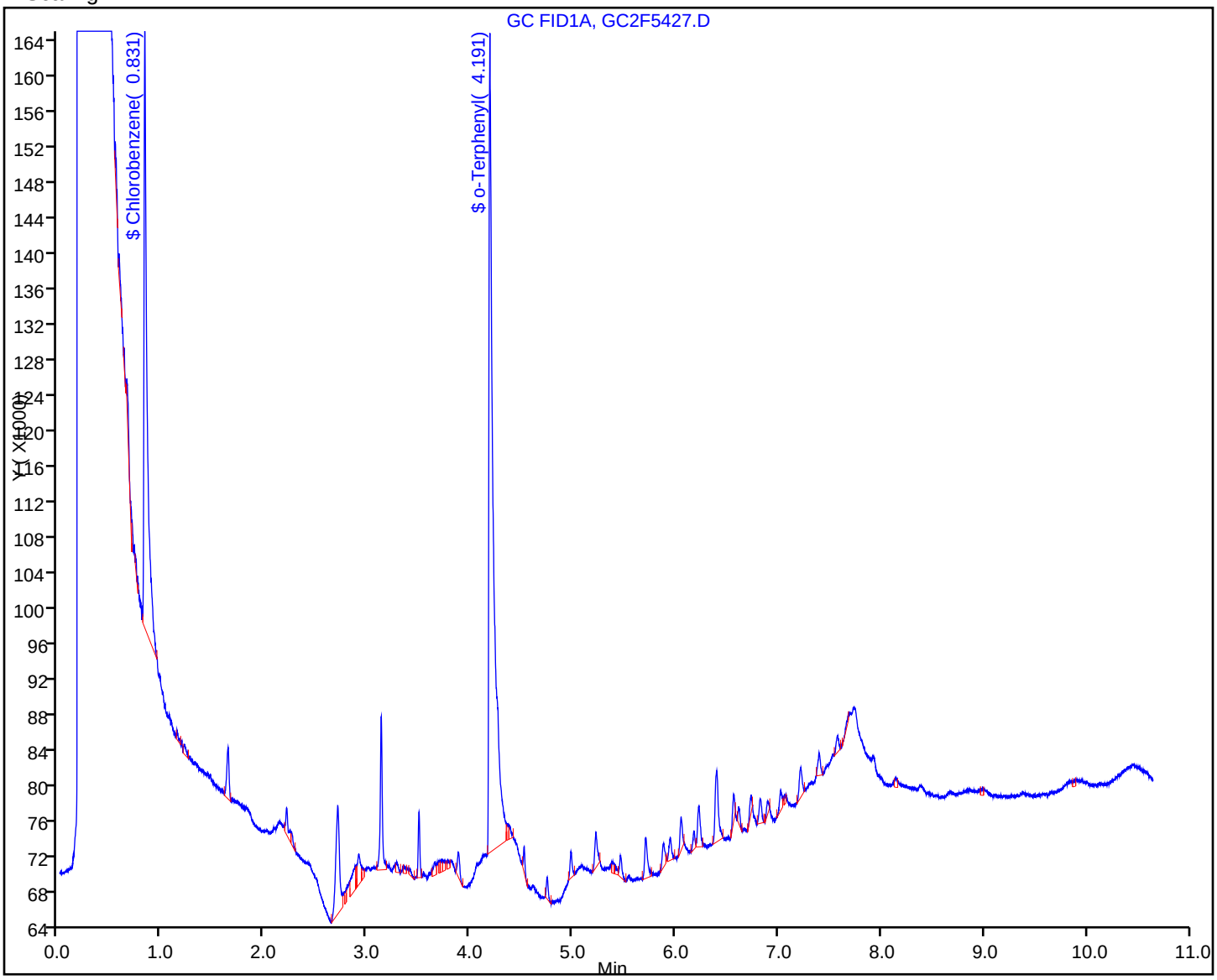
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:25:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5427.D		
Injection Date:	19-Sep-2013 02:07:01	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	77
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-181947/79

Matrix: Solid Lab File ID: GC2F5437.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/19/2013 04:34

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	36.0		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	115		50-105
108-90-7	Chlorobenzene	99		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5437.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	19-Sep-2013 04:34:04	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	460-0004767-079		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	181947	Lims Sample ID:	79
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:25:41	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.824	0.819	0.005	183819	6.15	
A	3 C8-C40					
	4.116	0.490 -	7.743	1235083	36.0	k
$	4 o-Terphenyl					
	4.170	4.159	0.011	320860	7.15	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

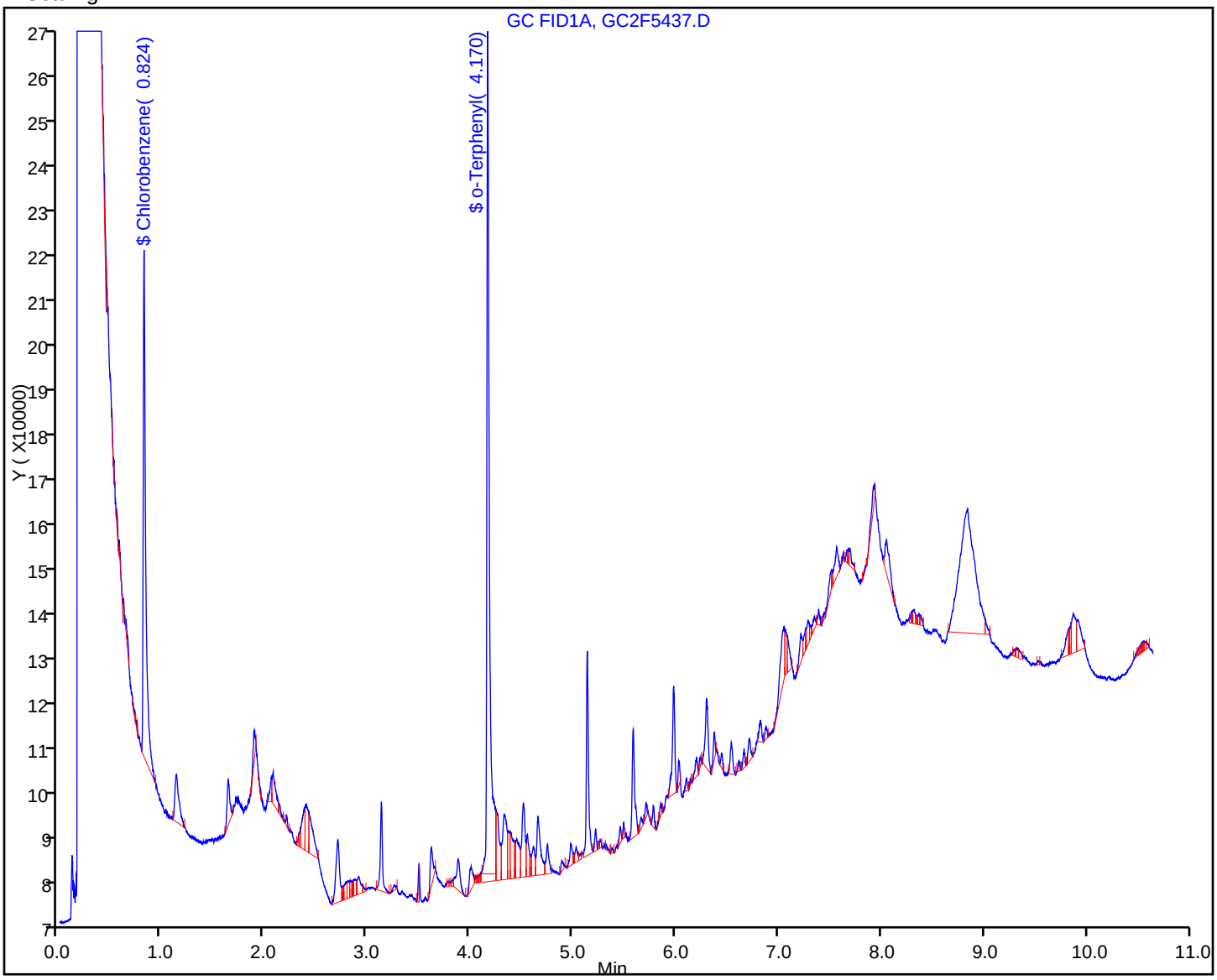
Report Date: 19-Sep-2013 08:25:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5437.D

Injection Date:	19-Sep-2013 04:34:04	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	79
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-182075/2

Matrix: Solid Lab File ID: GC2F5450.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/19/2013 07:30

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	166		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	253		50-105
108-90-7	Chlorobenzene	180		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5450.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	19-Sep-2013 07:30:53	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	ib		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	182075	Lims Sample ID:	2
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	19-Sep-2013 13:17:07	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.821	0.825	-0.004	332988	11.1	
A	3 C8-C40					
	4.115	0.489	- 7.737	5705881	166.5	k
$	4 o-Terphenyl					
	4.173	4.159	0.014	703621	15.7	

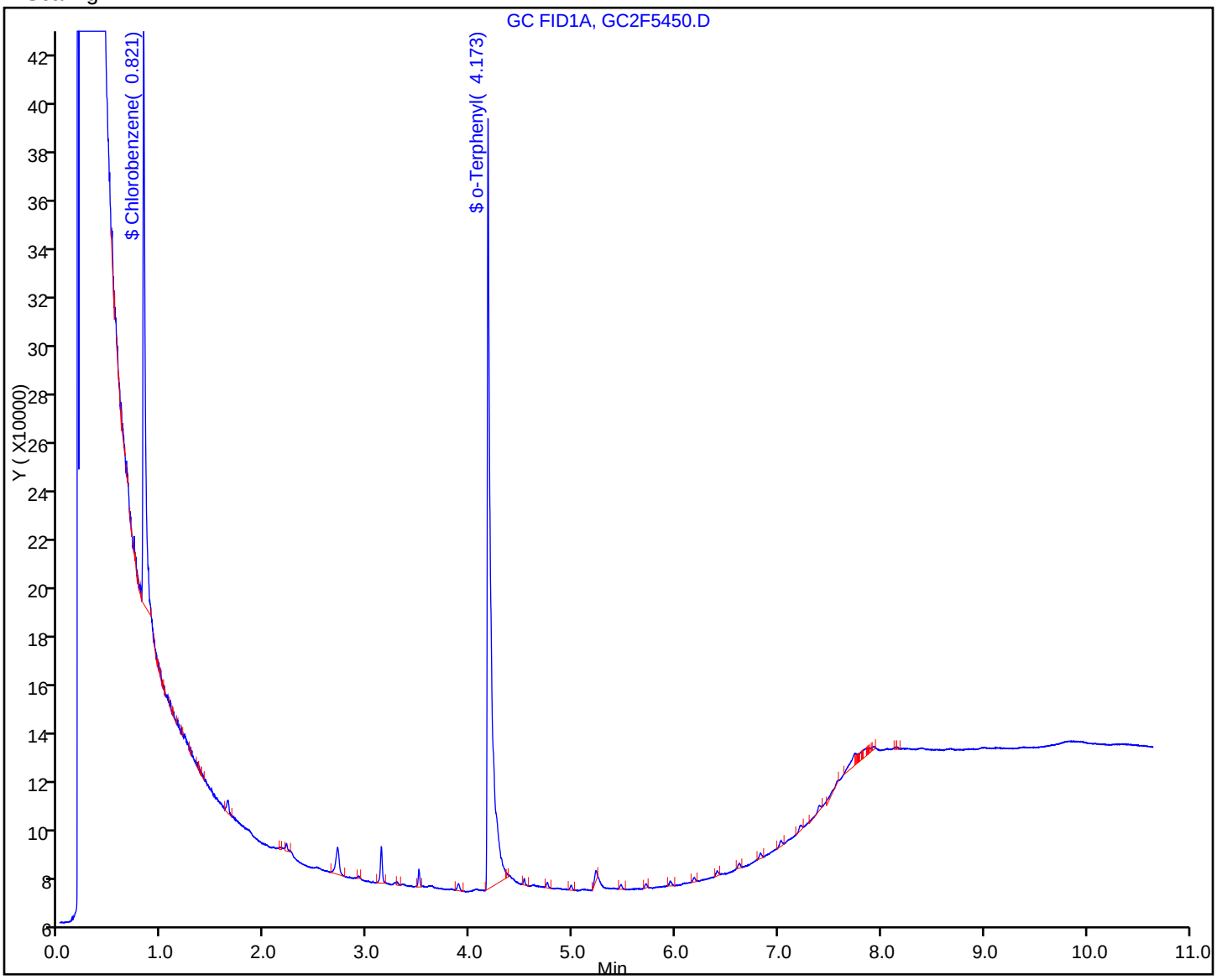
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 13:17:08 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5450.D		
Injection Date:	19-Sep-2013 07:30:53	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	2
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-182075/14

Matrix: Solid Lab File ID: GC2F5462.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/19/2013 11:06

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	49.1		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	67		50-105
108-90-7	Chlorobenzene	79		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5462.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	19-Sep-2013 11:06:06	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	460-0004792-014		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	182075	Lims Sample ID:	14
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	19-Sep-2013 13:17:08	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.834	0.825	0.009	145652	4.88	
A	3 C8-C40					
	4.115	0.491 -	7.739	1681659	49.1	k
$	4 o-Terphenyl					
	4.199	4.159	0.040	186065	4.15	

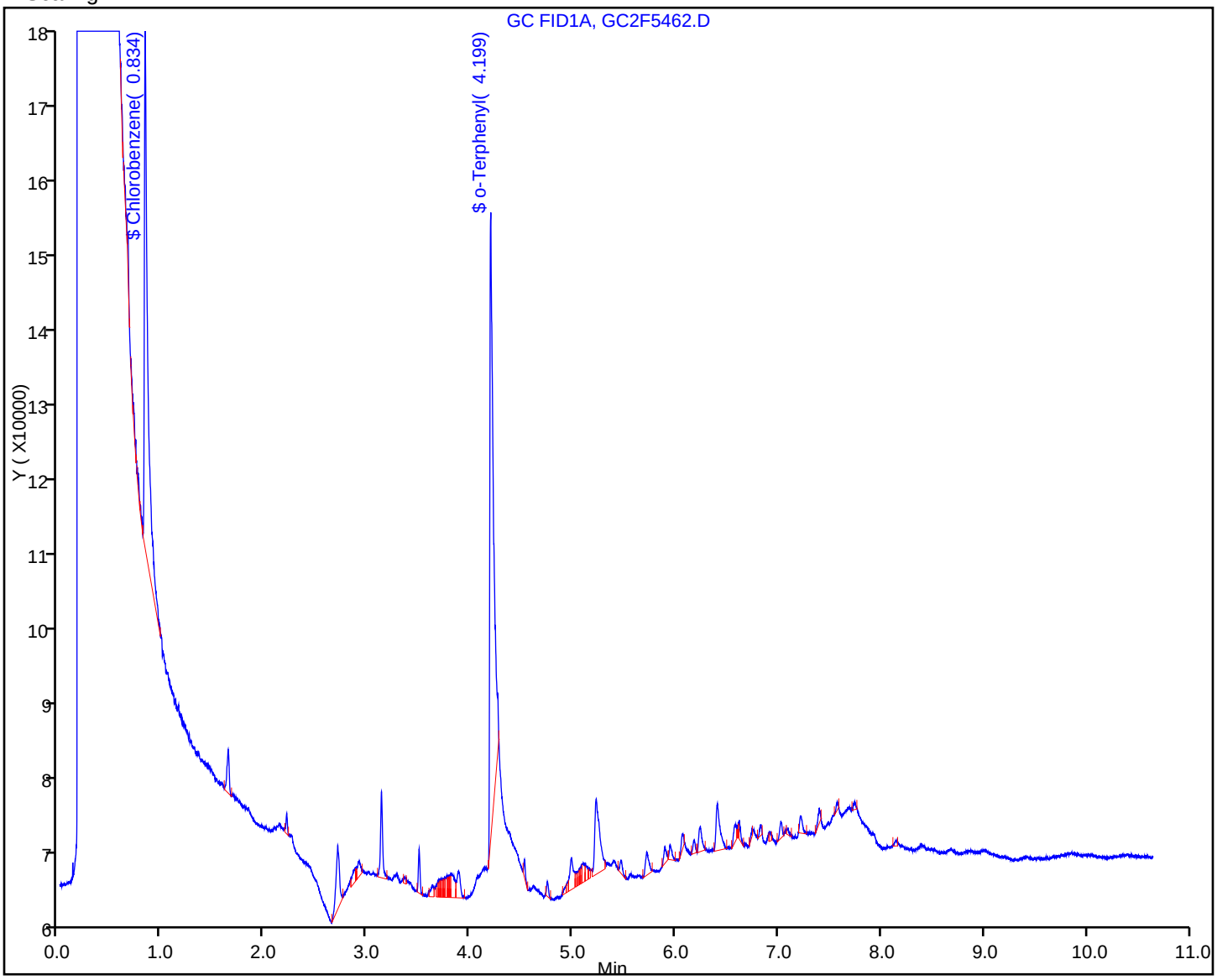
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 13:17:16 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5462.D		
Injection Date:	19-Sep-2013 11:06:06	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	14
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-182075/26

Matrix: Solid Lab File ID: GC2F5474.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/19/2013 14:24

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	15.8		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	60		50-105
108-90-7	Chlorobenzene	16	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5474.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	19-Sep-2013 14:24:19	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	460-0004792-026		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	182075	Lims Sample ID:	26
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	19-Sep-2013 14:51:39	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK004		

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.837	0.823	0.014	29023	0.9717	
A	3 C8-C40					
	4.113	0.488 -	7.737	542912	15.8	k
$	4 o-Terphenyl					
	4.197	4.159	0.038	165625	3.69	

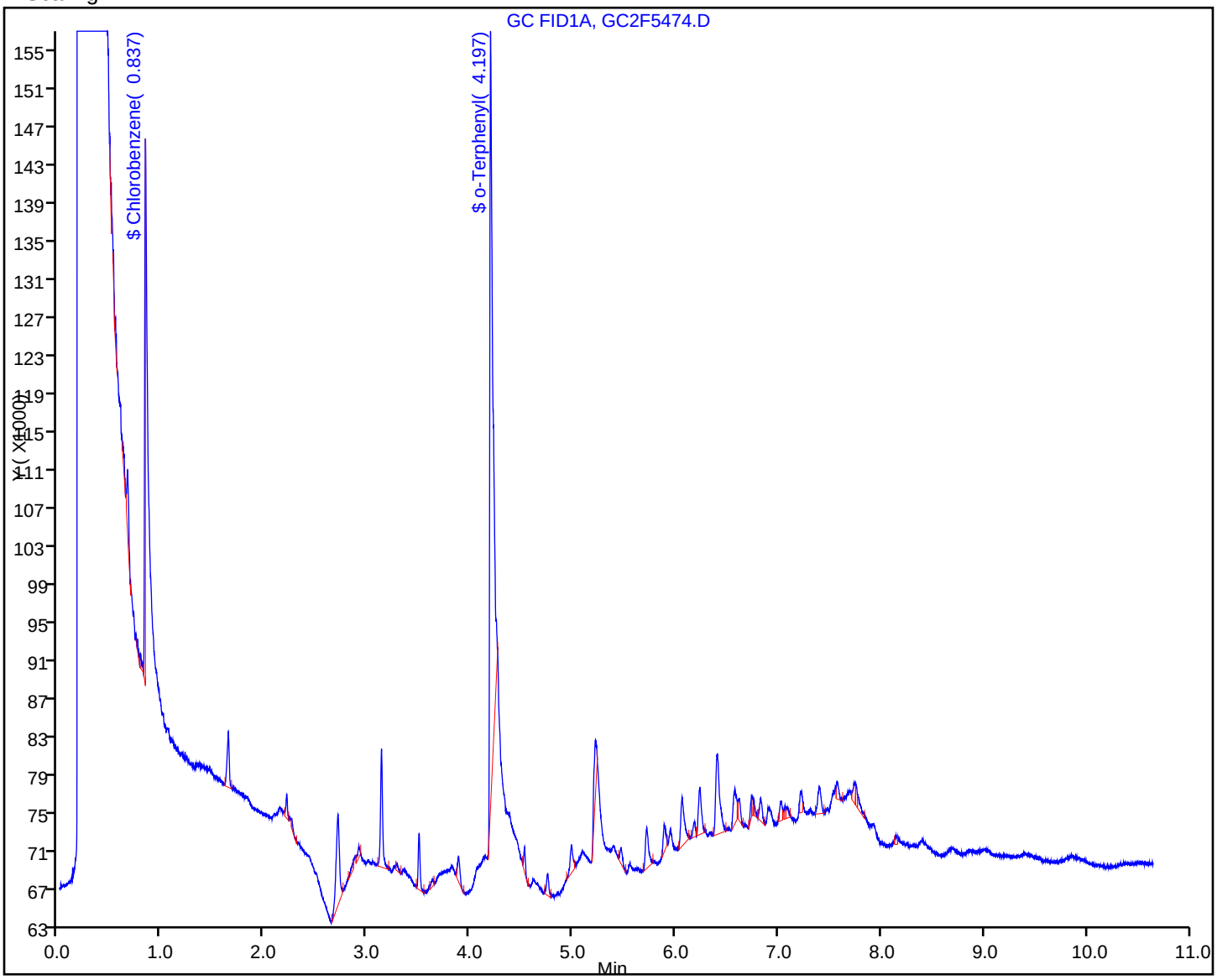
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 14:52:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5474.D		
Injection Date:	19-Sep-2013 14:24:19	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	26
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-182075/37

Matrix: Solid Lab File ID: GC2F5485.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/19/2013 17:05

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	16.3		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	89		50-105
108-90-7	Chlorobenzene	83	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5485.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	19-Sep-2013 17:05:47	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	460-0004792-037		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	182075	Lims Sample ID:	37
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	20-Sep-2013 07:30:44	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK051		

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.836	0.827	0.009	153701	5.15	
A	3 C8-C40					
	4.113	0.489 -	7.740	560028	16.3	k
$	4 o-Terphenyl					
	4.187	4.160	0.027	246254	5.49	

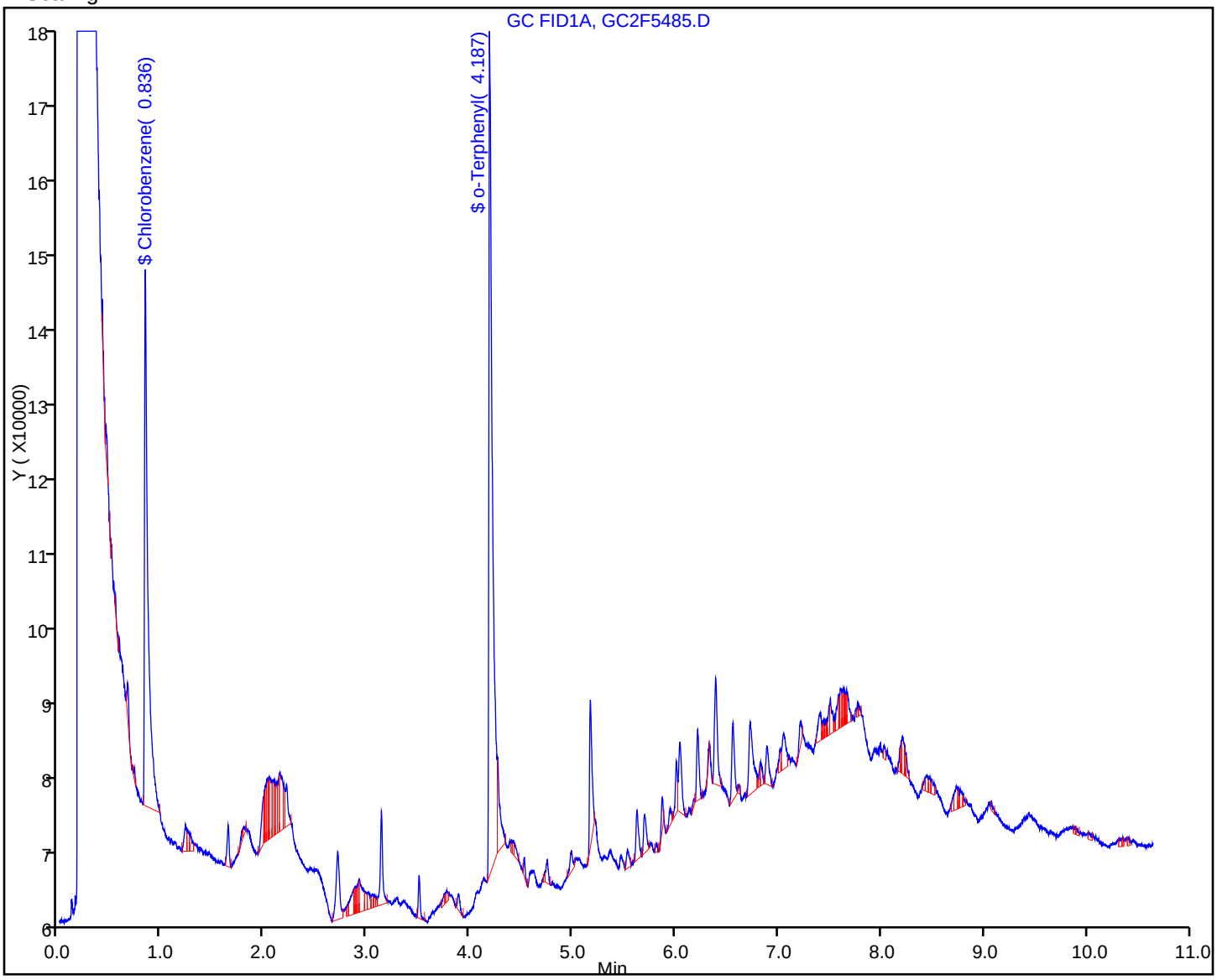
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 20-Sep-2013 07:30:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5485.D		
Injection Date:	19-Sep-2013 17:05:47	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	37
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-182075/45

Matrix: Solid Lab File ID: GC2F5496.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/19/2013 19:46

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	27.5		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	89		50-105
108-90-7	Chlorobenzene	55		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5496.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	19-Sep-2013 19:46:50	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	460-0004792-045		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	182075	Lims Sample ID:	45
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	20-Sep-2013 07:30:59	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK051		

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.838	0.826	0.012	101946	3.41	
A 3 C8-C40					
4.115	0.490 -	7.739	941369	27.5	k
$ 4 o-Terphenyl					
4.204	4.159	0.045	246377	5.49	

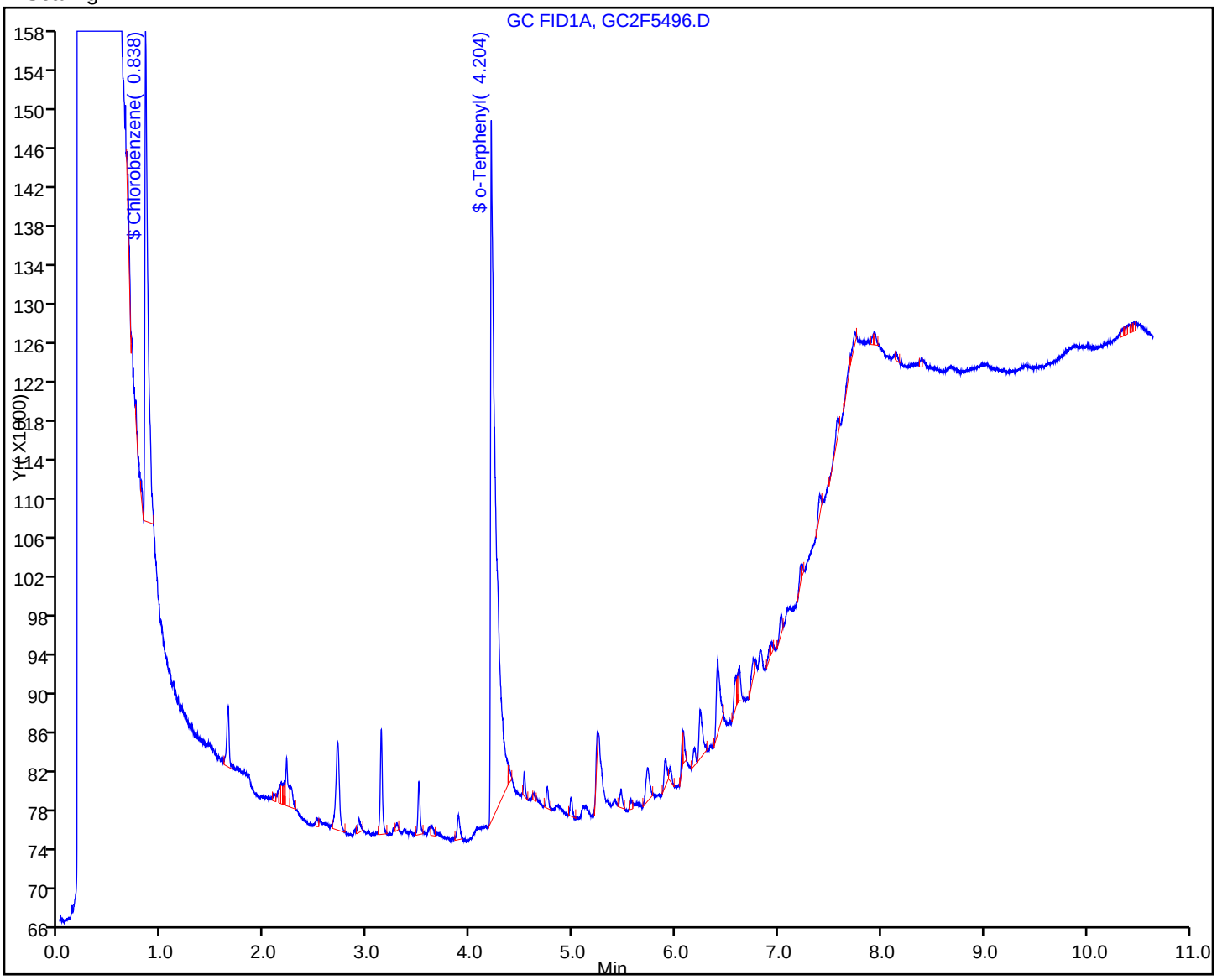
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 20-Sep-2013 07:31:08 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5496.D		
Injection Date:	19-Sep-2013 19:46:50	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	45
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181476/2-A

Matrix: Water Lab File ID: GC2F5268.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3510C Date Extracted: 09/16/2013 08:19

Sample wt/vol: 1000(mL) Date Analyzed: 09/17/2013 09:12

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.: 181694 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2.11		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	77		51-123
108-90-7	Chlorobenzene	70		42-93

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5268.D		
Lims ID:	LCS 460-181476/2-A	Client ID:	
Inject. Date:	17-Sep-2013 09:12:12	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	460-0004706-005		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	181694	Lims Sample ID:	5
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:21:29	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 17-Sep-2013 09:25:48

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.824	0.824	0.0	420109	14.1	
A	3 C8-C40					
	4.119	0.491 -	7.746	72450282	2113.7	k
$	4 o-Terphenyl					
	4.157	4.163	-0.006	688151	15.3	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

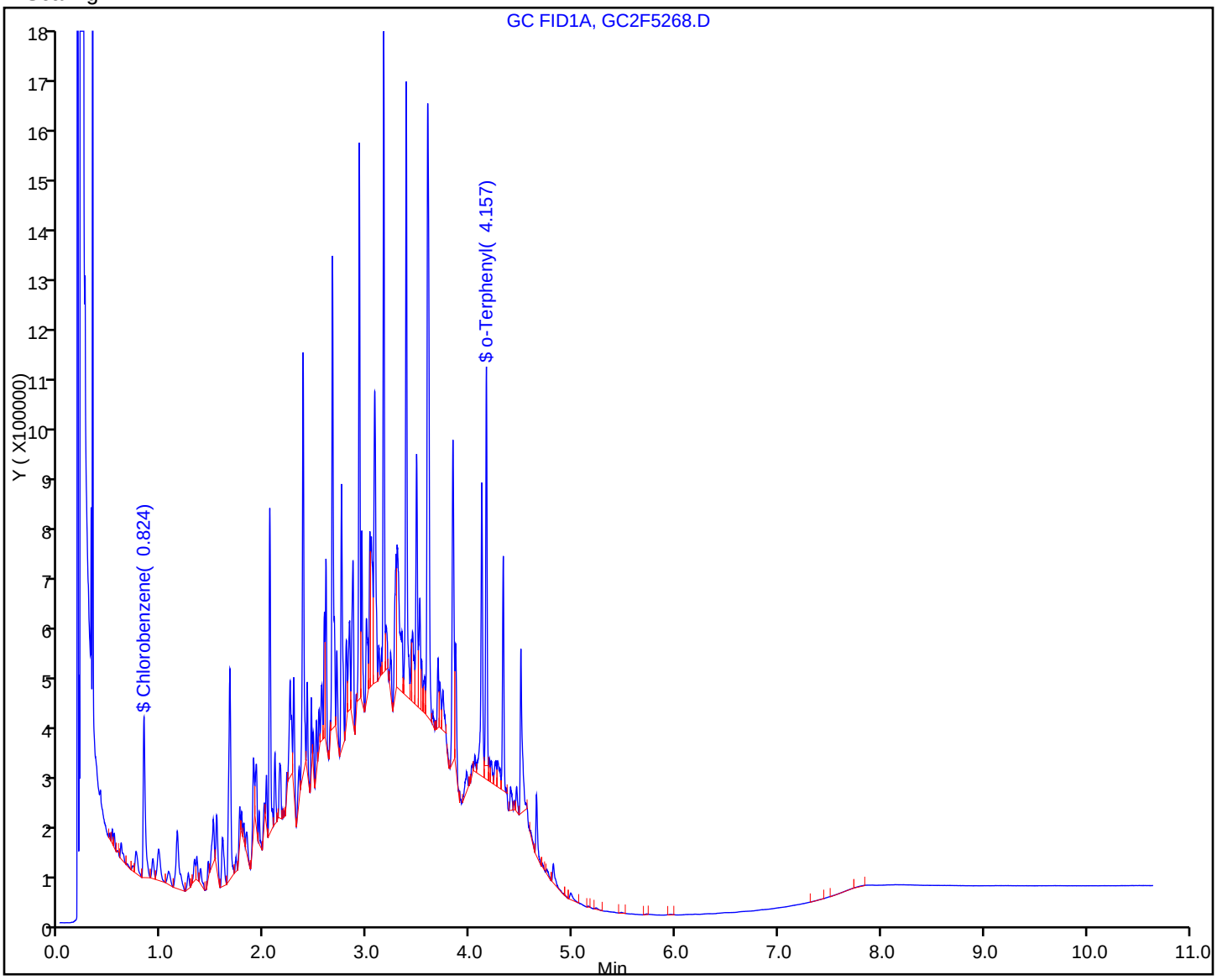
Report Date: 19-Sep-2013 08:21:31 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5268.D

Injection Date:	17-Sep-2013 09:12:12	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	5
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181553/2-A

Matrix: Solid Lab File ID: GC2F5305.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/16/2013 12:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 18:15

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.: 181694 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	124		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	78		50-105
108-90-7	Chlorobenzene	71		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5305.D		
Lims ID:	LCS 460-181553/2-A	Client ID:	
Inject. Date:	17-Sep-2013 18:15:57	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	460-0004706-042		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	36
Lims Batch ID:	181694	Lims Sample ID:	42
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:22:08	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: nimerd Date: 18-Sep-2013 07:22:30

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.822	0.824	-0.002	425854	14.3	
A	3 C8-C40					
	4.119	0.491	- 7.746	63561156	1854.4	k
$	4 o-Terphenyl					
	4.156	4.163	-0.007	699686	15.6	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

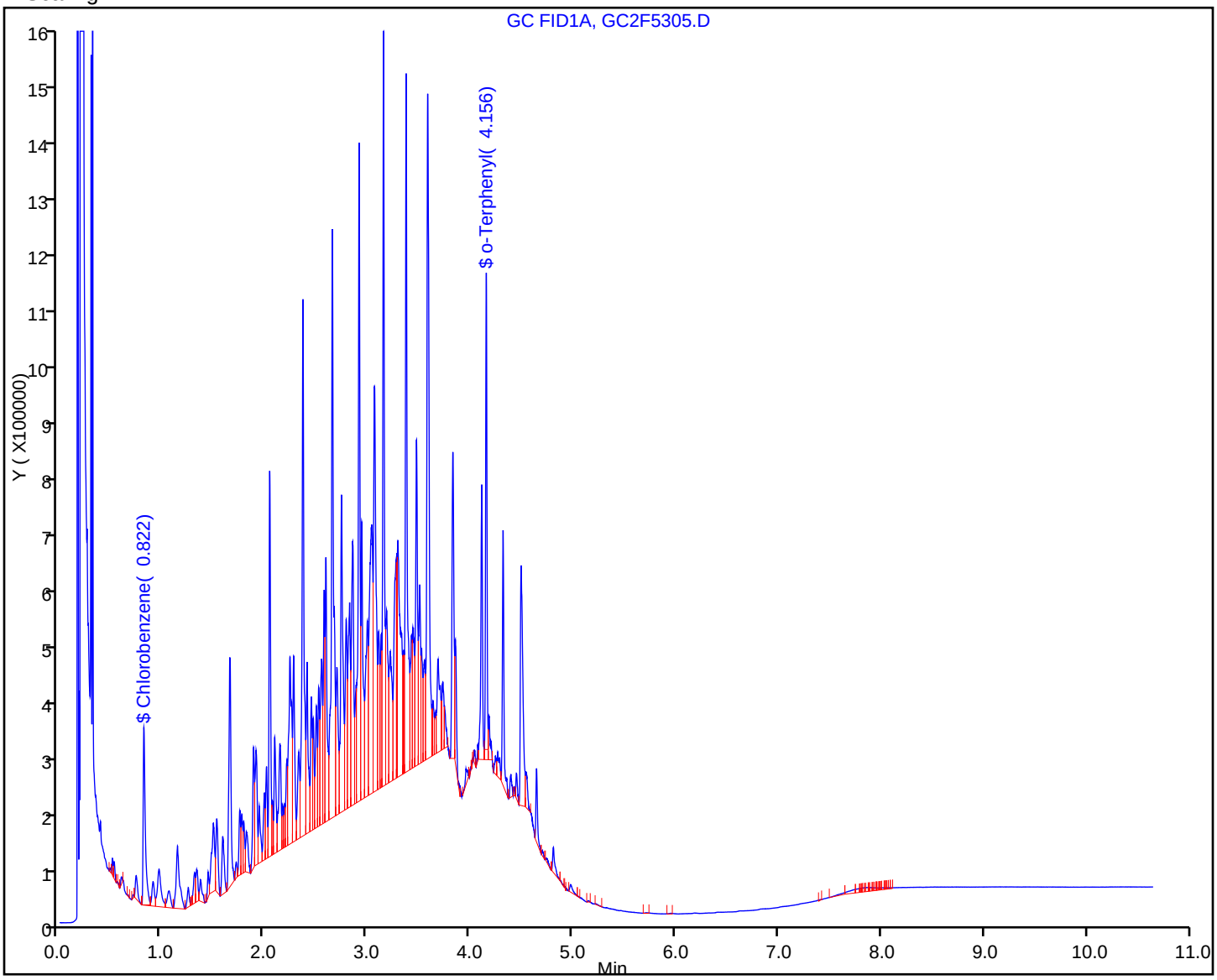
Report Date: 19-Sep-2013 08:22:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5305.D

Injection Date:	17-Sep-2013 18:15:57	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	42
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181554/2-A

Matrix: Solid Lab File ID: GC2F5335.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/16/2013 13:05

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 01:36

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.: 181694 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	118		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	77		50-105
108-90-7	Chlorobenzene	66		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5335.D		
Lims ID:	LCS 460-181554/2-A	Client ID:	
Inject. Date:	18-Sep-2013 01:36:43	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	460-0004706-072		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	60
Lims Batch ID:	181694	Lims Sample ID:	72
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:22:45	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 18-Sep-2013 07:54:51

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.822	0.824	-0.002	395942	13.3	
A	3 C8-C40					
	4.119	0.491	- 7.746	60823999	1774.5	k
$	4 o-Terphenyl					
	4.154	4.163	-0.009	689029	15.4	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

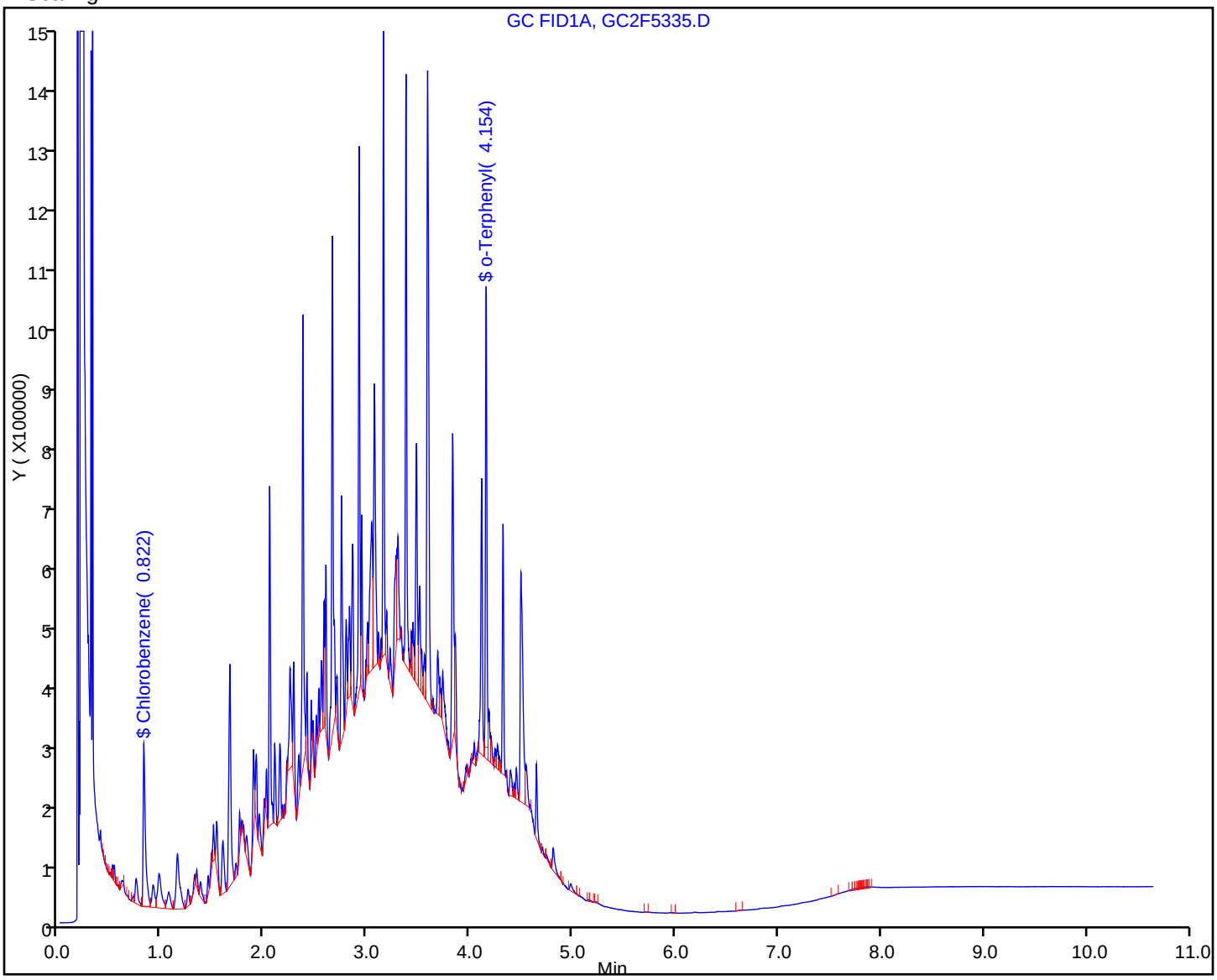
Report Date: 19-Sep-2013 08:22:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5335.D

Injection Date:	18-Sep-2013 01:36:43	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	72
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181800/2-A

Matrix: Solid Lab File ID: GC2F5477.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.00(g) Date Analyzed: 09/19/2013 15:08

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.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	148		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	81		50-105
108-90-7	Chlorobenzene	70		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5477.D		
Lims ID:	LCS 460-181800/2-A	Client ID:	
Inject. Date:	19-Sep-2013 15:08:13	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	460-0004792-029		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	27
Lims Batch ID:	182075	Lims Sample ID:	29
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	20-Sep-2013 07:30:44	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK051		

First Level Reviewer: kimh Date: 20-Sep-2013 07:19:21

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.820	0.827	-0.007	417929	14.0	
A	3 C8-C40					
	4.113	0.489	- 7.740	76233896	2224.1	k
$	4 o-Terphenyl					
	4.153	4.160	-0.007	722527	16.1	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

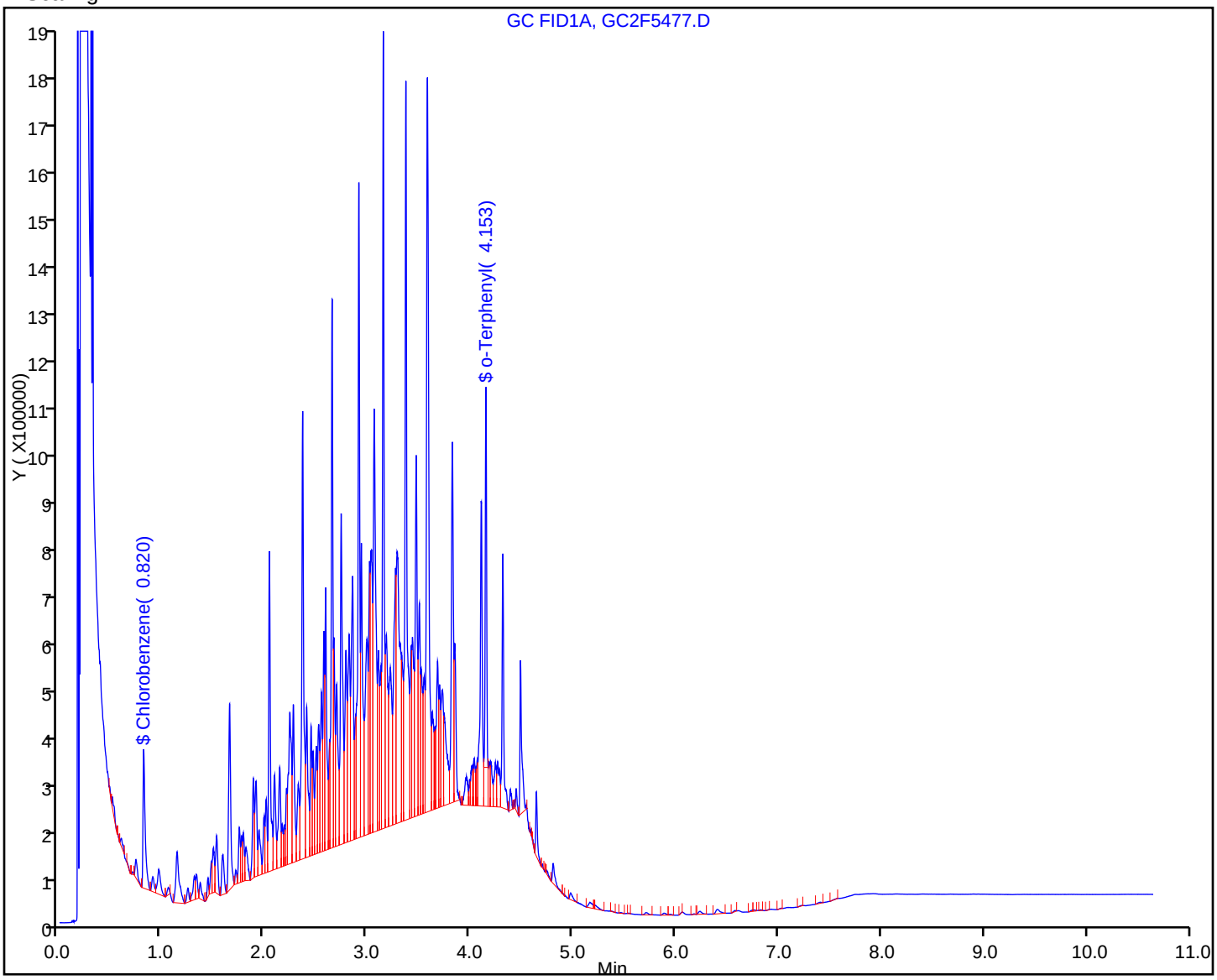
Report Date: 20-Sep-2013 07:30:52 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5477.D

Injection Date:	19-Sep-2013 15:08:13	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	29
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181802/2-A

Matrix: Solid Lab File ID: GC2F5488.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/17/2013 14:45

Sample wt/vol: 15.00(g) Date Analyzed: 09/19/2013 17:49

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.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	132		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	81		50-105
108-90-7	Chlorobenzene	66		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5488.D		
Lims ID:	LCS 460-181802/2-A	Client ID:	
Inject. Date:	19-Sep-2013 17:49:24	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	460-0004792-040		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	36
Lims Batch ID:	182075	Lims Sample ID:	40
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	20-Sep-2013 07:30:59	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK051		

First Level Reviewer: kimh Date: 20-Sep-2013 07:25:50

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.823	0.826	-0.003	393933	13.2	
A	3 C8-C40					
	4.115	0.490	- 7.739	67947684	1982.4	k
$	4 o-Terphenyl					
	4.150	4.159	-0.009	726054	16.2	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

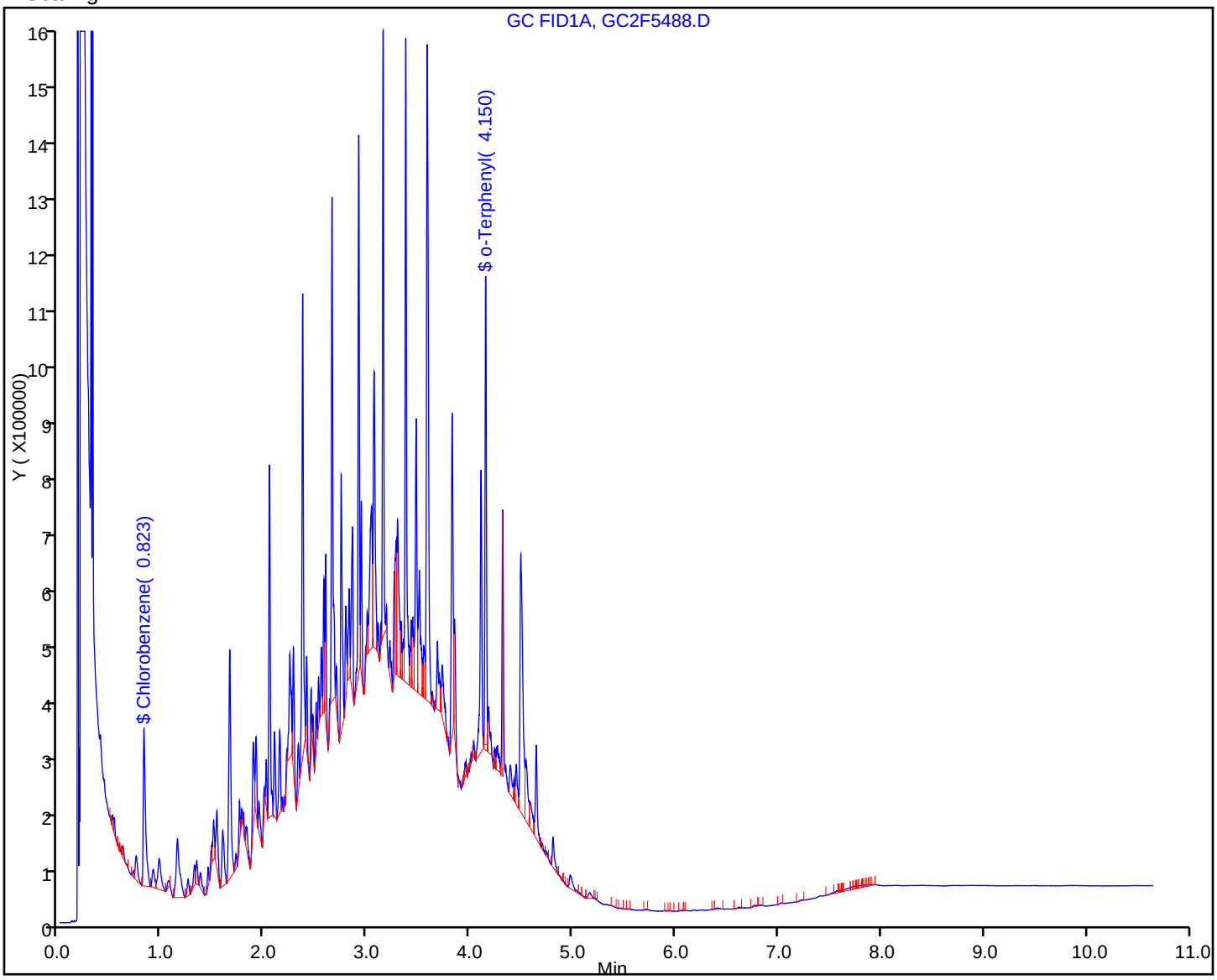
Report Date: 20-Sep-2013 07:31:02 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5488.D

Injection Date:	19-Sep-2013 17:49:24	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	40
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181994/2-A

Matrix: Solid Lab File ID: GC2F5453.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/18/2013 12:53

Sample wt/vol: 15.00(g) Date Analyzed: 09/19/2013 08:53

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.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	148		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	80		50-105
108-90-7	Chlorobenzene	69		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5453.D		
Lims ID:	LCS 460-181994/2-A	Client ID:	
Inject. Date:	19-Sep-2013 08:53:26	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	460-0004792-005		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	182075	Lims Sample ID:	5
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\QAM2F.m		
Last Update:	19-Sep-2013 13:17:08	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 19-Sep-2013 09:06:06

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.809	0.825	-0.016	415025	13.9	
A	3 C8-C40					
	4.115	0.491	- 7.739	76060517	2219.1	k
$	4 o-Terphenyl					
	4.149	4.159	-0.010	716002	16.0	

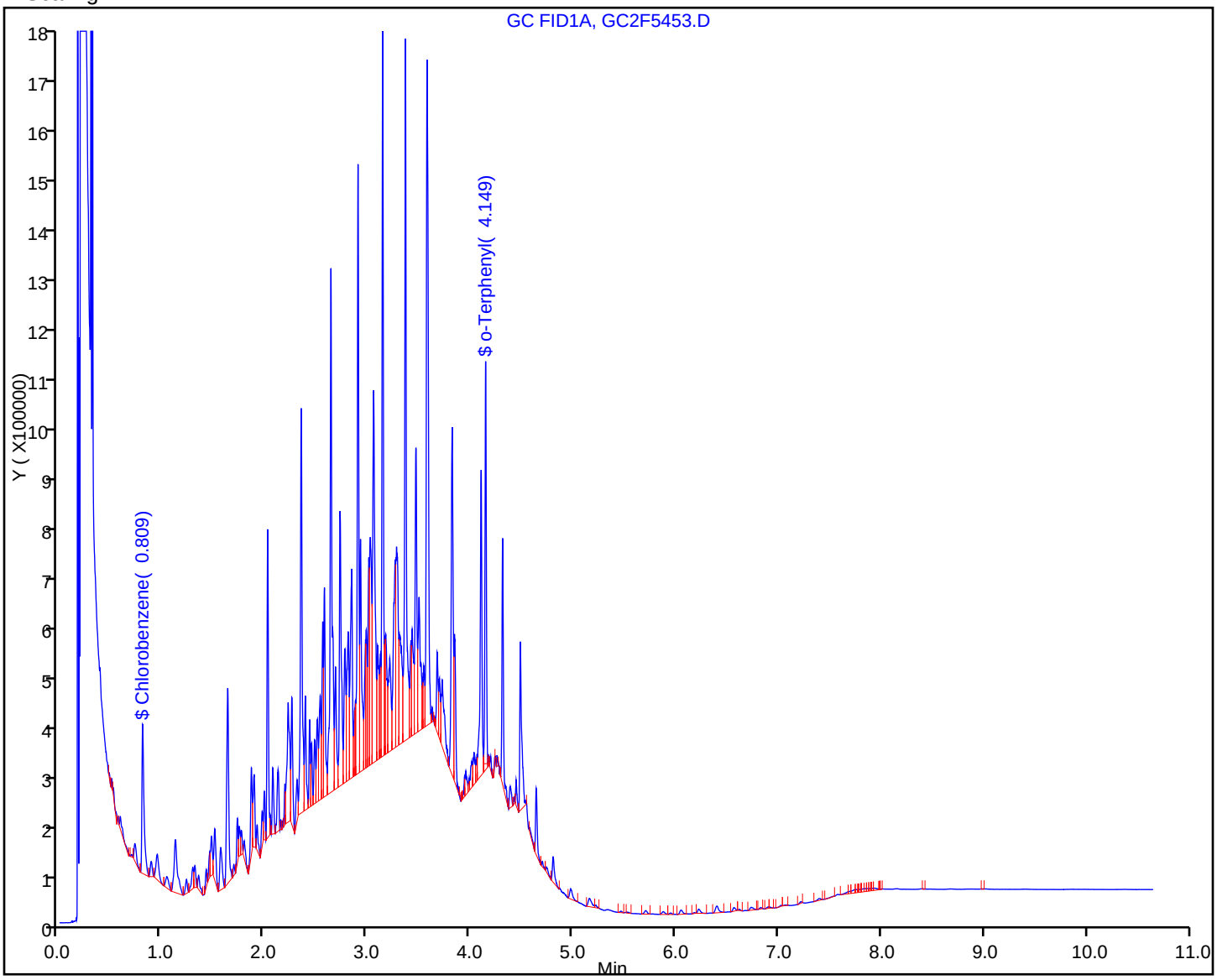
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 13:17:10 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5453.D		
Injection Date:	19-Sep-2013 08:53:26	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	5
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-181476/3-A

Matrix: Water Lab File ID: GC2F5269.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3510C Date Extracted: 09/16/2013 08:19

Sample wt/vol: 1000(mL) Date Analyzed: 09/17/2013 09:26

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.: 181694 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2.04		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	76		51-123
108-90-7	Chlorobenzene	70		42-93

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5269.D		
Lims ID:	LCSD 460-181476/3-A	Client ID:	
Inject. Date:	17-Sep-2013 09:26:47	Dil. Factor:	1.0000
Sample Type:	LCSD		
Sample ID:	460-0004706-006		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	181694	Lims Sample ID:	6
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:21:29	Calib Date:	10-May-2013 19:06:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAGC2\20130510-617.b\GC2F2632.D		
Limit Group:	GC 8015 QAM ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK008		

First Level Reviewer: kimh Date: 17-Sep-2013 10:21:05

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.822	0.824	-0.002	419747	14.1	
A	3 C8-C40					
	4.119	0.491	- 7.746	69917316	2039.8	k
$	4 o-Terphenyl					
	4.157	4.163	-0.006	678706	15.1	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

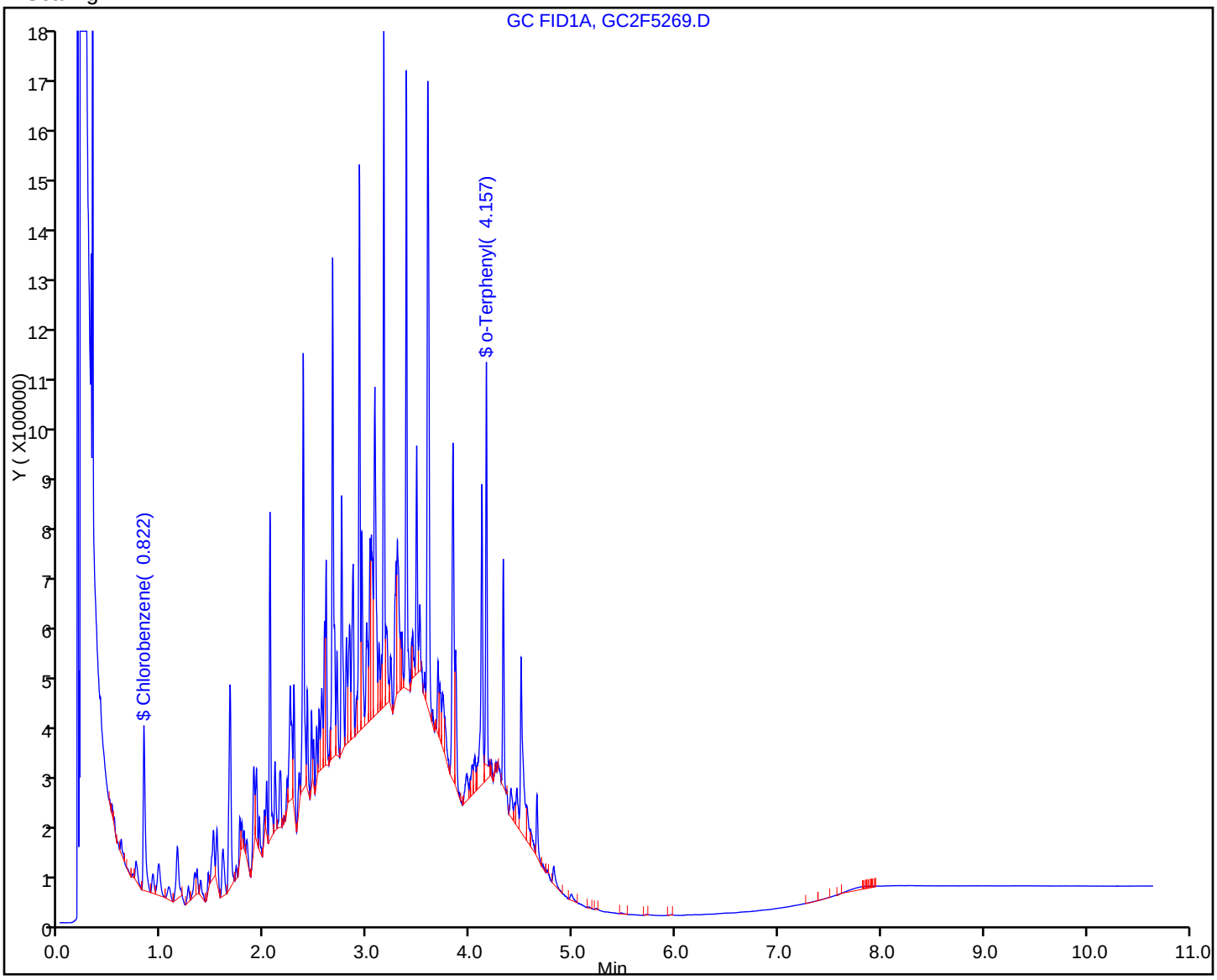
Report Date: 19-Sep-2013 08:21:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5269.D

Injection Date:	17-Sep-2013 09:26:47	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	6
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-WT MS Lab Sample ID: 460-62993-2 MS

Matrix: Solid Lab File ID: GC2F5390.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 08:25

Extraction Method: 3546 Date Extracted: 09/16/2013 13:05

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 17:02

Con. Extract Vol.: 1(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 9.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	3510		120	120

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	D X	50-105
108-90-7	Chlorobenzene	0	D X	40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-WT MS Lab Sample ID: 460-62993-15 MS

Matrix: Solid Lab File ID: GC2F5454.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 09:45

Extraction Method: 3546 Date Extracted: 09/18/2013 12:53

Sample wt/vol: 15.00(g) Date Analyzed: 09/19/2013 09:08

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	108		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	71		50-105
108-90-7	Chlorobenzene	61		40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-VD MS Lab Sample ID: 460-62993-22 MS

Matrix: Solid Lab File ID: GC2F5411.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 10:45

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 22:11

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	189		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	94		50-105
108-90-7	Chlorobenzene	83	X	40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP3-091313 MS Lab Sample ID: 460-62993-43 MS

Matrix: Solid Lab File ID: GC2F5489.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 00:00

Extraction Method: 3546 Date Extracted: 09/17/2013 14:45

Sample wt/vol: 15.00(g) Date Analyzed: 09/19/2013 18:04

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 17.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	141		6.7	6.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	56		50-105
108-90-7	Chlorobenzene	39	X	40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-62968-E-35-F MS

Matrix: Solid Lab File ID: GC2F5306.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/16/2013 12:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 18:30

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181694 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	92.1		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	66		50-105
108-90-7	Chlorobenzene	54		40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-6SE-WT MSD Lab Sample ID: 460-62993-2 MSD

Matrix: Solid Lab File ID: GC2F5391.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 08:25

Extraction Method: 3546 Date Extracted: 09/16/2013 13:05

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 17:16

Con. Extract Vol.: 1(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 9.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	3630		120	120

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	D X	50-105
108-90-7	Chlorobenzene	0	D X	40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-14SE-WT MSD Lab Sample ID: 460-62993-15 MSD

Matrix: Solid Lab File ID: GC2F5455.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 09:45

Extraction Method: 3546 Date Extracted: 09/18/2013 12:53

Sample wt/vol: 15.00(g) Date Analyzed: 09/19/2013 09:22

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	113		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	72		50-105
108-90-7	Chlorobenzene	61		40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: PMP-10SE-VD MSD Lab Sample ID: 460-62993-22 MSD

Matrix: Solid Lab File ID: GC2F5412.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 10:45

Extraction Method: 3546 Date Extracted: 09/17/2013 14:38

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 22:26

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	211		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	94		50-105
108-90-7	Chlorobenzene	90	X	40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: DUP3-091313 MSD Lab Sample ID: 460-62993-43 MSD

Matrix: Solid Lab File ID: GC2F5490.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/13/2013 00:00

Extraction Method: 3546 Date Extracted: 09/17/2013 14:45

Sample wt/vol: 15.00(g) Date Analyzed: 09/19/2013 18:18

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 17.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	184		6.7	6.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	94		50-105
108-90-7	Chlorobenzene	71		40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-62968-E-35-G MSD

Matrix: Solid Lab File ID: GC2F5307.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/16/2013 12:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 18:45

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181694 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	81.5		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	55		50-105
108-90-7	Chlorobenzene	44		40-80

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CBNAGC2 Start Date: 05/10/2013 16:37

Analysis Batch Number: 160132 End Date: 05/10/2013 19:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		05/10/2013 16:37	1		Rtx-5MS 0.25(mm)
PIBLK 460-160132/2		05/10/2013 17:52	1		Rtx-5MS 0.25(mm)
STD1 460-160132/3 IC		05/10/2013 18:07	1	GC2F2628.D	Rtx-5MS 0.25(mm)
STD2 460-160132/4 IC		05/10/2013 18:21	1	GC2F2629.D	Rtx-5MS 0.25(mm)
STD3 460-160132/5 IC		05/10/2013 18:36	1	GC2F2630.D	Rtx-5MS 0.25(mm)
STD4 460-160132/6 IC		05/10/2013 18:51	1	GC2F2631.D	Rtx-5MS 0.25(mm)
STD5 460-160132/7 IC		05/10/2013 19:06	1	GC2F2632.D	Rtx-5MS 0.25(mm)
ICV 460-160132/8		05/10/2013 19:21	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CBNAGC2 Start Date: 09/17/2013 08:13

Analysis Batch Number: 181694 End Date: 09/18/2013 03:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/17/2013 08:13	1		Rtx-5MS 0.25(mm)
PIBLK 460-181694/2		09/17/2013 08:28	1	GC2F5265.D	Rtx-5MS 0.25(mm)
CCV 460-181694/3		09/17/2013 08:42	1	GC2F5266.D	Rtx-5MS 0.25(mm)
MB 460-181476/1-A		09/17/2013 08:57	1	GC2F5267.D	Rtx-5MS 0.25(mm)
LCS 460-181476/2-A		09/17/2013 09:12	1	GC2F5268.D	Rtx-5MS 0.25(mm)
LCSD 460-181476/3-A		09/17/2013 09:26	1	GC2F5269.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 09:41	1		Rtx-5MS 0.25(mm)
460-62993-44	FB-091313	09/17/2013 09:56	1	GC2F5271.D	Rtx-5MS 0.25(mm)
PIBLK 460-181694/9		09/17/2013 10:11	1	GC2F5272.D	Rtx-5MS 0.25(mm)
CCV 460-181694/10		09/17/2013 10:25	1	GC2F5273.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 10:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 10:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 11:09	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 11:24	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 11:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 11:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 12:09	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 12:23	1		Rtx-5MS 0.25(mm)
PIBLK 460-181694/19		09/17/2013 12:38	1		Rtx-5MS 0.25(mm)
CCV 460-181694/20		09/17/2013 12:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 13:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 13:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 13:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 13:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 14:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 14:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 14:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 14:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 15:05	1		Rtx-5MS 0.25(mm)
PIBLK 460-181694/30		09/17/2013 15:20	1		Rtx-5MS 0.25(mm)
CCV 460-181694/31		09/17/2013 15:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 15:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 16:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 16:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 16:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 16:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 17:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 17:17	1		Rtx-5MS 0.25(mm)
PIBLK 460-181694/39		09/17/2013 17:31	1	GC2F5302.D	Rtx-5MS 0.25(mm)
CCV 460-181694/40		09/17/2013 17:46	1	GC2F5303.D	Rtx-5MS 0.25(mm)
MB 460-181553/1-A		09/17/2013 18:01	1	GC2F5304.D	Rtx-5MS 0.25(mm)
LCS 460-181553/2-A		09/17/2013 18:15	1	GC2F5305.D	Rtx-5MS 0.25(mm)
460-62968-E-35-F MS		09/17/2013 18:30	1	GC2F5306.D	Rtx-5MS 0.25(mm)
460-62968-E-35-G MSD		09/17/2013 18:45	1	GC2F5307.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 19:00	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CBNAGC2 Start Date: 09/17/2013 08:13

Analysis Batch Number: 181694 End Date: 09/18/2013 03:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/17/2013 19:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 19:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 19:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 19:58	1		Rtx-5MS 0.25(mm)
PIBLK 460-181694/50		09/17/2013 20:13	1	GC2F5313.D	Rtx-5MS 0.25(mm)
CCV 460-181694/51		09/17/2013 20:27	1	GC2F5314.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 20:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 20:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 21:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 21:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 21:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 21:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 22:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 22:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 22:40	1		Rtx-5MS 0.25(mm)
PIBLK 460-181694/61		09/17/2013 22:55	1	GC2F5324.D	Rtx-5MS 0.25(mm)
CCV 460-181694/62		09/17/2013 23:09	1	GC2F5325.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 23:24	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 23:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 23:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 00:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 00:22	1		Rtx-5MS 0.25(mm)
460-62993-1	PMP-6SE-VD	09/18/2013 00:37	1	GC2F5331.D	Rtx-5MS 0.25(mm)
PIBLK 460-181694/69		09/18/2013 00:52	1	GC2F5332.D	Rtx-5MS 0.25(mm)
CCV 460-181694/70		09/18/2013 01:07	1	GC2F5333.D	Rtx-5MS 0.25(mm)
MB 460-181554/1-A		09/18/2013 01:21	1	GC2F5334.D	Rtx-5MS 0.25(mm)
LCS 460-181554/2-A		09/18/2013 01:36	1	GC2F5335.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 01:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 02:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 02:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 02:36	1		Rtx-5MS 0.25(mm)
460-62993-4	PMP-5SE-VD	09/18/2013 02:50	1	GC2F5340.D	Rtx-5MS 0.25(mm)
PIBLK 460-181694/78		09/18/2013 03:05	1	GC2F5341.D	Rtx-5MS 0.25(mm)
CCV 460-181694/79		09/18/2013 03:20	1	GC2F5342.D	Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CBNAGC2 Start Date: 09/18/2013 09:53

Analysis Batch Number: 181947 End Date: 09/19/2013 04:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/18/2013 09:53	1		Rtx-5MS 0.25(mm)
PIBLK 460-181947/2		09/18/2013 10:07	1		Rtx-5MS 0.25(mm)
CCV 460-181947/3		09/18/2013 10:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 10:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 10:52	20		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 11:06	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 11:21	20		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 11:35	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 11:50	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 12:05	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 12:20	10		Rtx-5MS 0.25(mm)
PIBLK 460-181947/12		09/18/2013 12:35	1		Rtx-5MS 0.25(mm)
CCV 460-181947/13		09/18/2013 13:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 13:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 14:20	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 14:35	50		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 14:49	100		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 15:04	20		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 15:19	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 15:34	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 15:48	20		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 16:03	10		Rtx-5MS 0.25(mm)
PIBLK 460-181947/23		09/18/2013 16:18	1	GC2F5387.D	Rtx-5MS 0.25(mm)
CCV 460-181947/24		09/18/2013 16:32	1	GC2F5388.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 16:47	50		Rtx-5MS 0.25(mm)
460-62993-2 MS	PMP-6SE-WT MS	09/18/2013 17:02	20	GC2F5390.D	Rtx-5MS 0.25(mm)
460-62993-2 MSD	PMP-6SE-WT MSD	09/18/2013 17:16	20	GC2F5391.D	Rtx-5MS 0.25(mm)
460-62993-2	PMP-6SE-WT	09/18/2013 17:31	20	GC2F5392.D	Rtx-5MS 0.25(mm)
460-62993-3	PMP-6SE-SI	09/18/2013 17:46	10	GC2F5393.D	Rtx-5MS 0.25(mm)
460-62993-5	PMP-5SE-WT	09/18/2013 18:01	10	GC2F5394.D	Rtx-5MS 0.25(mm)
460-62993-6	PMP-5SE-SI	09/18/2013 18:15	10	GC2F5395.D	Rtx-5MS 0.25(mm)
460-62993-7	PMP-8SE-VS	09/18/2013 18:30	10	GC2F5396.D	Rtx-5MS 0.25(mm)
460-62993-9	PMP-8SE-WT	09/18/2013 18:45	1	GC2F5397.D	Rtx-5MS 0.25(mm)
460-62993-10	PMP-4SE-VS	09/18/2013 19:00	10	GC2F5398.D	Rtx-5MS 0.25(mm)
PIBLK 460-181947/35		09/18/2013 19:15	1	GC2F5399.D	Rtx-5MS 0.25(mm)
CCV 460-181947/36		09/18/2013 19:30	1	GC2F5400.D	Rtx-5MS 0.25(mm)
460-62993-13	PMP-14SE-VS	09/18/2013 19:44	1	GC2F5401.D	Rtx-5MS 0.25(mm)
460-62993-16	PMP-25SE-VS	09/18/2013 19:59	1	GC2F5402.D	Rtx-5MS 0.25(mm)
460-62993-18	PMP-25SE-WT	09/18/2013 20:13	1	GC2F5403.D	Rtx-5MS 0.25(mm)
460-62993-19	PMP-7SE-VD	09/18/2013 20:28	20	GC2F5404.D	Rtx-5MS 0.25(mm)
460-62993-20	PMP-7SE-WT	09/18/2013 20:43	20	GC2F5405.D	Rtx-5MS 0.25(mm)
460-62993-21	PMP-7SE-SI	09/18/2013 20:58	20	GC2F5406.D	Rtx-5MS 0.25(mm)
PIBLK 460-181947/43		09/18/2013 21:12	1	GC2F5407.D	Rtx-5MS 0.25(mm)
CCV 460-181947/44		09/18/2013 21:27	1	GC2F5408.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 21:41	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CBNAGC2 Start Date: 09/18/2013 09:53

Analysis Batch Number: 181947 End Date: 09/19/2013 04:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/18/2013 21:56	1		Rtx-5MS 0.25(mm)
460-62993-22 MS	PMP-10SE-VD MS	09/18/2013 22:11	1	GC2F5411.D	Rtx-5MS 0.25(mm)
460-62993-22 MSD	PMP-10SE-VD MSD	09/18/2013 22:26	1	GC2F5412.D	Rtx-5MS 0.25(mm)
460-62993-22	PMP-10SE-VD	09/18/2013 22:40	1	GC2F5413.D	Rtx-5MS 0.25(mm)
460-62993-23	PMP-10SE-WT	09/18/2013 22:55	1	GC2F5414.D	Rtx-5MS 0.25(mm)
460-62993-24	PMP-10SE-SI	09/18/2013 23:10	1	GC2F5415.D	Rtx-5MS 0.25(mm)
460-62993-25	PMP-10SE-SD	09/18/2013 23:24	1	GC2F5416.D	Rtx-5MS 0.25(mm)
PIBLK 460-181947/75		09/18/2013 23:39	1	GC2F5417.D	Rtx-5MS 0.25(mm)
CCV 460-181947/76		09/18/2013 23:54	1	GC2F5418.D	Rtx-5MS 0.25(mm)
460-62993-26	PMP-13SE-VD	09/19/2013 00:09	1	GC2F5419.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 00:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 00:38	1		Rtx-5MS 0.25(mm)
460-62993-29	PMP-13SE-SD	09/19/2013 00:53	1	GC2F5422.D	Rtx-5MS 0.25(mm)
460-62993-30	PMP-15SE-VD	09/19/2013 01:08	1	GC2F5423.D	Rtx-5MS 0.25(mm)
460-62993-31	PMP-15SE-WT	09/19/2013 01:22	1	GC2F5424.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 01:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 01:52	1		Rtx-5MS 0.25(mm)
PIBLK 460-181947/77		09/19/2013 02:07	1	GC2F5427.D	Rtx-5MS 0.25(mm)
CCV 460-181947/78		09/19/2013 02:21	1	GC2F5428.D	Rtx-5MS 0.25(mm)
460-62993-34	PMP-31SE-VS	09/19/2013 02:36	1	GC2F5429.D	Rtx-5MS 0.25(mm)
460-62993-35	PMP-31SE-VD	09/19/2013 02:51	1	GC2F5430.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 03:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 03:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 03:35	1		Rtx-5MS 0.25(mm)
460-62993-39	PMP-32SE-WT	09/19/2013 03:49	1	GC2F5434.D	Rtx-5MS 0.25(mm)
460-62993-40	DUP-091313	09/19/2013 04:04	1	GC2F5435.D	Rtx-5MS 0.25(mm)
460-62993-41	DUP1-091313	09/19/2013 04:19	1	GC2F5436.D	Rtx-5MS 0.25(mm)
PIBLK 460-181947/79		09/19/2013 04:34	1	GC2F5437.D	Rtx-5MS 0.25(mm)
CCV 460-181947/80		09/19/2013 04:48	1	GC2F5438.D	Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CBNAGC2 Start Date: 09/19/2013 07:16

Analysis Batch Number: 182075 End Date: 09/19/2013 20:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/19/2013 07:16	1		Rtx-5MS 0.25(mm)
PIBLK 460-182075/2		09/19/2013 07:30	1	GC2F5450.D	Rtx-5MS 0.25(mm)
CCV 460-182075/3		09/19/2013 07:45	1	GC2F5451.D	Rtx-5MS 0.25(mm)
MB 460-181994/1-A		09/19/2013 08:01	1	GC2F5452.D	Rtx-5MS 0.25(mm)
LCS 460-181994/2-A		09/19/2013 08:53	1	GC2F5453.D	Rtx-5MS 0.25(mm)
460-62993-15 MS	PMP-14SE-WT MS	09/19/2013 09:08	1	GC2F5454.D	Rtx-5MS 0.25(mm)
460-62993-15 MSD	PMP-14SE-WT MSD	09/19/2013 09:22	1	GC2F5455.D	Rtx-5MS 0.25(mm)
460-62993-15	PMP-14SE-WT	09/19/2013 09:37	1	GC2F5456.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 09:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 10:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 10:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 10:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 10:51	1		Rtx-5MS 0.25(mm)
PIBLK 460-182075/14		09/19/2013 11:06	1	GC2F5462.D	Rtx-5MS 0.25(mm)
CCV 460-182075/15		09/19/2013 11:20	1	GC2F5463.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 11:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 11:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 12:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 12:19	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 12:34	1		Rtx-5MS 0.25(mm)
460-62993-8	PMP-8SE-VD	09/19/2013 13:10	1	GC2F5469.D	Rtx-5MS 0.25(mm)
460-62993-11	PMP-4SE-VD	09/19/2013 13:25	1	GC2F5470.D	Rtx-5MS 0.25(mm)
460-62993-12	PMP-4SE-WT	09/19/2013 13:40	1	GC2F5471.D	Rtx-5MS 0.25(mm)
460-62993-14	PMP-14SE-VD	09/19/2013 13:54	1	GC2F5472.D	Rtx-5MS 0.25(mm)
460-62993-17	PMP-25SE-VD	09/19/2013 14:09	1	GC2F5473.D	Rtx-5MS 0.25(mm)
PIBLK 460-182075/26		09/19/2013 14:24	1	GC2F5474.D	Rtx-5MS 0.25(mm)
CCV 460-182075/27		09/19/2013 14:38	1	GC2F5475.D	Rtx-5MS 0.25(mm)
MB 460-181800/1-A		09/19/2013 14:53	1	GC2F5476.D	Rtx-5MS 0.25(mm)
LCS 460-181800/2-A		09/19/2013 15:08	1	GC2F5477.D	Rtx-5MS 0.25(mm)
460-62993-27	PMP-13SE-WT	09/19/2013 15:22	20	GC2F5478.D	Rtx-5MS 0.25(mm)
460-62993-28	PMP-13SE-SI	09/19/2013 15:37	1	GC2F5479.D	Rtx-5MS 0.25(mm)
460-62993-32	PMP-15SE-SI	09/19/2013 15:52	1	GC2F5480.D	Rtx-5MS 0.25(mm)
460-62993-33	PMP-15SE-SD	09/19/2013 16:06	1	GC2F5481.D	Rtx-5MS 0.25(mm)
460-62993-36	PMP-31SE-WT	09/19/2013 16:21	1	GC2F5482.D	Rtx-5MS 0.25(mm)
460-62993-37	PMP-32SE-VS	09/19/2013 16:36	1	GC2F5483.D	Rtx-5MS 0.25(mm)
460-62993-38	PMP-32SE-VD	09/19/2013 16:51	10	GC2F5484.D	Rtx-5MS 0.25(mm)
PIBLK 460-182075/37		09/19/2013 17:05	1	GC2F5485.D	Rtx-5MS 0.25(mm)
CCV 460-182075/38		09/19/2013 17:20	1	GC2F5486.D	Rtx-5MS 0.25(mm)
MB 460-181802/1-A		09/19/2013 17:34	1	GC2F5487.D	Rtx-5MS 0.25(mm)
LCS 460-181802/2-A		09/19/2013 17:49	1	GC2F5488.D	Rtx-5MS 0.25(mm)
460-62993-43 MS	DUP3-091313 MS	09/19/2013 18:04	1	GC2F5489.D	Rtx-5MS 0.25(mm)
460-62993-43 MSD	DUP3-091313 MSD	09/19/2013 18:18	1	GC2F5490.D	Rtx-5MS 0.25(mm)
460-62993-43	DUP3-091313	09/19/2013 18:33	1	GC2F5491.D	Rtx-5MS 0.25(mm)
460-62993-42	DUP2-091313	09/19/2013 18:48	1	GC2F5492.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 19:02	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: CBNAGC2 Start Date: 09/19/2013 07:16

Analysis Batch Number: 182075 End Date: 09/19/2013 20:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/19/2013 19:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 19:32	1		Rtx-5MS 0.25(mm)
PIBLK 460-182075/45		09/19/2013 19:46	1	GC2F5496.D	Rtx-5MS 0.25(mm)
CCV 460-182075/46		09/19/2013 20:01	1	GC2F5497.D	Rtx-5MS 0.25(mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181476 Batch Start Date: 09/16/13 08:18 Batch Analyst: Wu, Huachi

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP_QAMBS 00029
MB 460-181476/1		3510C, NJ-OQA-QAM-025		7 SU	1000 mL	1 mL	<2 SU	>12 SU	
LCS 460-181476/2		3510C, NJ-OQA-QAM-025		7 SU	1000 mL	1 mL	<2 SU	>12 SU	1 mL
LCSD 460-181476/3		3510C, NJ-OQA-QAM-025		7 SU	1000 mL	1 mL	<2 SU	>12 SU	1 mL
460-62993-I-44	FB-091313	3510C, NJ-OQA-QAM-025	T	<2 SU	990 mL	1 mL	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OPQAMSU 00024					
MB 460-181476/1		3510C, NJ-OQA-QAM-025		1 mL					
LCS 460-181476/2		3510C, NJ-OQA-QAM-025		1 mL					
LCSD 460-181476/3		3510C, NJ-OQA-QAM-025		1 mL					
460-62993-I-44	FB-091313	3510C, NJ-OQA-QAM-025	T	1 mL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181476 Batch Start Date: 09/16/13 08:18 Batch Analyst: Wu, Huachi

Batch Method: 3510C Batch End Date:

Batch Notes	
Batch Comment	QAM WATER
Person's name who did the concentration	Wuh
N-evap #	222299
N-evap temperature	37 Degrees C
Na2SO4 Lot Number	320403
Prep Solvent Lot #	54661
Prep Solvent Name	Mecl2
Prep Solvent Volume Used	180 mL
Person's name who did the prep	Wuh
Person's name who witnessed reagent drop	Hush
Sufficient volume for MS/MSD?	no
Uncorrected N-evap Temperature	37 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181553 Batch Start Date: 09/16/13 12:59 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00029	OPQAMMS/SD 00024	OPQAMSU 00024	
MB 460-181553/1		3546, NJ-OQA-QAM-025		15.00 g	1 mL			1 mL	
LCS 460-181553/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-62968-E-35 MS		3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-62968-E-35 MSD		3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-62993-E-1	PMP-6SE-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	

Batch Notes	
Balance ID	30
Batch Comment	QAM SOIL
Final Concentrator Volume	1 mL
MeCL2 Lot #	54661
Microwave Start Time	1700
Microwave Stop Time	1730
Na2SO4 Lot Number	320403
Person's name who did the prep	FW
Person who witnessed spiking	WuH
Water Bath Temperature	38C (38C UNCORRECTED)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181554 Batch Start Date: 09/16/13 13:05 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00029	OPQAMMS/SD 00024	OPQAMSU 00024	
MB 460-181554/1		3546, NJ-OQA-QAM-025		15.00 g	1 mL			1 mL	
LCS 460-181554/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-62993-E-2 MS	PMP-6SE-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-62993-E-2 MSD	PMP-6SE-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-62993-E-2	PMP-6SE-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-62993-E-3	PMP-6SE-SI	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-62993-E-4	PMP-5SE-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62993-E-5	PMP-5SE-WT	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62993-E-6	PMP-5SE-SI	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62993-E-7	PMP-8SE-VS	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62993-D-9	PMP-8SE-WT	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-62993-E-10	PMP-4SE-VS	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-62993-E-13	PMP-14SE-VS	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-62993-E-16	PMP-25SE-VS	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181554 Batch Start Date: 09/16/13 13:05 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00029	OPQAMMS/SD 00024	OPQAMSU 00024	
460-62993-E-18	PMP-25SE-WT	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-62993-E-19	PMP-7SE-VD	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-62993-E-20	PMP-7SE-WT	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62993-E-21	PMP-7SE-SI	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	

Batch Notes	
Balance ID	30
Batch Comment	QAM SOIL
Final Concentrator Volume	1 mL
MeCL2 Lot #	54661
Microwave Start Time	1730
Microwave Stop Time	1800
Na2SO4 Lot Number	320403
Person's name who did the prep	FW
Person who witnessed spiking	WuH
Water Bath Temperature	38C (38C UNCORRECTED)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181800 Batch Start Date: 09/17/13 14:38 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00029	OPQAMMS/SD 00024	OPQAMSU 00024	
MB 460-181800/1		3546, NJ-OQA-QAM-025		15.00 g	1 mL			1 mL	
LCS 460-181800/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-62993-E-22 MS	PMP-10SE-VD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-62993-E-22 MSD	PMP-10SE-VD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-62993-E-22	PMP-10SE-VD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-62993-E-23	PMP-10SE-WT	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62993-E-24	PMP-10SE-SI	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-62993-E-25	PMP-10SE-SD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62993-E-26	PMP-13SE-VD	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-62993-E-27	PMP-13SE-WT	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-62993-E-28	PMP-13SE-SI	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-62993-F-29	PMP-13SE-SD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62993-E-30	PMP-15SE-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62993-E-31	PMP-15SE-WT	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181800 Batch Start Date: 09/17/13 14:38 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00029	OPQAMMS/SD 00024	OPQAMSU 00024	
460-62993-E-32	PMP-15SE-SI	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			2 mL	
460-62993-E-33	PMP-15SE-SD	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-62993-E-34	PMP-31SE-VS	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-62993-E-35	PMP-31SE-VD	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-62993-E-36	PMP-31SE-WT	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			2 mL	
460-62993-E-37	PMP-32SE-VS	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			2 mL	
460-62993-E-38	PMP-32SE-VD	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-62993-E-39	PMP-32SE-WT	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-62993-E-40	DUP-091313	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-62993-E-41	DUP1-091313	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181800 Batch Start Date: 09/17/13 14:38 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Batch Notes	
Balance ID	30
Batch Comment	QAM SOIL
Final Concentrator Volume	1 mL
MeCL2 Lot #	54661
Microwave Start Time	1700
Microwave Stop Time	1730
Na2SO4 Lot Number	320403
Person's name who did the prep	FW
Person who witnessed spiking	ME
Water Bath Temperature	38C (38C UNCORRECTED)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181802 Batch Start Date: 09/17/13 14:45 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00029	OPQAMMS/SD 00024	OPQAMSU 00024	
MB 460-181802/1		3546, NJ-OQA-QAM-025		15.00 g	1 mL			1 mL	
LCS 460-181802/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-62993-E-43 MS	DUP3-091313	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-62993-E-43 MSD	DUP3-091313	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-62993-E-43	DUP3-091313	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-62993-E-42	DUP2-091313	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	

Batch Notes	
Balance ID	30
Batch Comment	QAM SOIL
Final Concentrator Volume	1 mL
MeCL2 Lot #	54661
Microwave Start Time	1700
Microwave Stop Time	1730
Na2SO4 Lot Number	320403
Person's name who did the prep	FW
Person who witnessed spiking	ME
Water Bath Temperature	38C (38C UNCORRECTED)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181994 Batch Start Date: 09/18/13 12:53 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00029	OPQAMMS/SD 00024	OPQAMSU 00024	
MB 460-181994/1		3546, NJ-OQA-QAM-025		15.00 g	1 mL			1 mL	
LCS 460-181994/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-62993-E-15 MS	PMP-14SE-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-62993-E-15 MSD	PMP-14SE-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-62993-E-15	PMP-14SE-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-62993-E-8	PMP-8SE-VD	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-62993-E-11	PMP-4SE-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62993-E-12	PMP-4SE-WT	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62993-E-14	PMP-14SE-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62993-E-17	PMP-25SE-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181994 Batch Start Date: 09/18/13 12:53 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Batch Notes	
Balance ID	30
Batch Comment	QAM SOIL
Final Concentrator Volume	1 mL
MeCL2 Lot #	54661
Microwave Start Time	1630
Microwave Stop Time	1700
Na2SO4 Lot Number	320403
Person's name who did the prep	FW
Person who witnessed spiking	ME
Water Bath Temperature	38C (38C UNCORRECTED)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-62993-1

SDG No.:

Project: McCandless Fuels Site

Client Sample ID	Lab Sample ID
PMP-6SE-VD	460-62993-1
PMP-6SE-WT	460-62993-2
PMP-6SE-SI	460-62993-3
PMP-5SE-VD	460-62993-4
PMP-5SE-WT	460-62993-5
PMP-5SE-SI	460-62993-6
PMP-8SE-VS	460-62993-7
PMP-8SE-VD	460-62993-8
PMP-8SE-WT	460-62993-9
PMP-4SE-VS	460-62993-10
PMP-4SE-VD	460-62993-11
PMP-4SE-WT	460-62993-12
PMP-14SE-VS	460-62993-13
PMP-14SE-VD	460-62993-14
PMP-14SE-WT	460-62993-15
PMP-25SE-VS	460-62993-16
PMP-25SE-VD	460-62993-17
PMP-25SE-WT	460-62993-18
PMP-7SE-VD	460-62993-19
PMP-7SE-WT	460-62993-20
PMP-7SE-SI	460-62993-21
PMP-10SE-VD	460-62993-22
PMP-10SE-WT	460-62993-23
PMP-10SE-SI	460-62993-24
PMP-10SE-SD	460-62993-25
PMP-13SE-VD	460-62993-26
PMP-13SE-WT	460-62993-27
PMP-13SE-SI	460-62993-28
PMP-13SE-SD	460-62993-29
PMP-15SE-VD	460-62993-30
PMP-15SE-WT	460-62993-31
PMP-15SE-SI	460-62993-32
PMP-15SE-SD	460-62993-33
PMP-31SE-VS	460-62993-34
PMP-31SE-VD	460-62993-35
PMP-31SE-WT	460-62993-36
PMP-32SE-VS	460-62993-37
PMP-32SE-VD	460-62993-38
PMP-32SE-WT	460-62993-39
DUP-091313	460-62993-40
DUP1-091313	460-62993-41
DUP2-091313	460-62993-42
DUP3-091313	460-62993-43
FB-091313	460-62993-44

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-6SE-VD
Lab Sample ID: 460-62993-1
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 08:20
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-6SE-WT
Lab Sample ID: 460-62993-2
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 08:25
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-6SE-SI
Lab Sample ID: 460-62993-3
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 08:30
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.0	99.7	58.0	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-5SE-VD
Lab Sample ID: 460-62993-4
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 08:35
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-5SE-WT
Lab Sample ID: 460-62993-5
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 08:40
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.2	99.9	58.2	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-5SE-SI
Lab Sample ID: 460-62993-6
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 08:45
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.2	99.9	58.2	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-8SE-VS
Lab Sample ID: 460-62993-7
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 08:50
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-8SE-VD
Lab Sample ID: 460-62993-8
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 08:55
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-8SE-WT
Lab Sample ID: 460-62993-9
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 09:00
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-4SE-VS
Lab Sample ID: 460-62993-10
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 09:20
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-4SE-VD
Lab Sample ID: 460-62993-11
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 09:30
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-4SE-WT
Lab Sample ID: 460-62993-12
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 09:25
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.2	100	58.2	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-14SE-VS
Lab Sample ID: 460-62993-13
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 09:35
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-14SE-VD
Lab Sample ID: 460-62993-14
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 09:40
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-14SE-WT
Lab Sample ID: 460-62993-15
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 09:45
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-25SE-VS
Lab Sample ID: 460-62993-16
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 09:50
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-25SE-VD
Lab Sample ID: 460-62993-17
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 09:55
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-25SE-WT
Lab Sample ID: 460-62993-18
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 10:00
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.2	99.9	58.2	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-7SE-VD
Lab Sample ID: 460-62993-19
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 10:10
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-7SE-WT
Lab Sample ID: 460-62993-20
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 10:15
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-7SE-SI
Lab Sample ID: 460-62993-21
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 10:20
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-10SE-VD
Lab Sample ID: 460-62993-22
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 10:45
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-10SE-WT
Lab Sample ID: 460-62993-23
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 10:50
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.2	100	58.2	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-10SE-SI
Lab Sample ID: 460-62993-24
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 10:55
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.2	99.9	58.2	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-10SE-SD
Lab Sample ID: 460-62993-25
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 11:00
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-13SE-VD
Lab Sample ID: 460-62993-26
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 11:10
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.2	100	58.2	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-13SE-WT
Lab Sample ID: 460-62993-27
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 11:15
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-13SE-SI
Lab Sample ID: 460-62993-28
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 11:20
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-13SE-SD
Lab Sample ID: 460-62993-29
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 11:25
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-15SE-VD
Lab Sample ID: 460-62993-30
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 11:45
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-15SE-WT
Lab Sample ID: 460-62993-31
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 11:50
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.2	99.9	58.2	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-15SE-SI
Lab Sample ID: 460-62993-32
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 11:55
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-15SE-SD
Lab Sample ID: 460-62993-33
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 12:00
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.2	99.9	58.2	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-31SE-VS
Lab Sample ID: 460-62993-34
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 12:45
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-31SE-VD
Lab Sample ID: 460-62993-35
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 12:50
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-31SE-WT
Lab Sample ID: 460-62993-36
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 12:55
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-32SE-VS
Lab Sample ID: 460-62993-37
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 12:30
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-32SE-VD
Lab Sample ID: 460-62993-38
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 12:35
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-32SE-WT
Lab Sample ID: 460-62993-39
Lab Name: TestAmerica Edison
Job No.: 460-62993-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/13/2013 12:40
Reporting Basis: WET
Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.7	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: DUP-091313 Lab Sample ID: 460-62993-40

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG ID.:

Matrix: Solid Date Sampled: 09/13/2013 00:00

Reporting Basis: WET Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: DUP1-091313 Lab Sample ID: 460-62993-41

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG ID.:

Matrix: Solid Date Sampled: 09/13/2013 00:00

Reporting Basis: WET Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: DUP2-091313 Lab Sample ID: 460-62993-42

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG ID.:

Matrix: Solid Date Sampled: 09/13/2013 00:00

Reporting Basis: WET Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.9	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: DUP3-091313 Lab Sample ID: 460-62993-43

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG ID.:

Matrix: Solid Date Sampled: 09/13/2013 00:00

Reporting Basis: WET Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	58.1	99.8	58.1	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: FB-091313 Lab Sample ID: 460-62993-44

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG ID.:

Matrix: Water Date Sampled: 09/13/2013 13:00

Reporting Basis: WET Date Received: 09/13/2013 16:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	0.84	5.0	0.84	mg/L	U		1	SM 4500 Cl- B

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Analyst: MCC Batch Start Date: 09/19/2013

Reporting Units: mg/L Analytical Batch No.: 182249

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	14:40	Chloride	49.10	50.0	98	90-110		WTchlss1_00011
2	ICB	14:40	Chloride	2.9				U	
91	CCV	16:20	Chloride	47.17	50.0	94	90-110		WTchlss1_00011
92	CCB	16:20	Chloride	2.9				U	
103	CCV	16:24	Chloride	47.84	50.0	96	90-110		WTchlss1_00011
104	CCB	16:24	Chloride	2.9				U	
109	CCV	16:25	Chloride	48.21	50.0	96	90-110		WTchlss1_00011
110	CCB	16:25	Chloride	2.9				U	
111	CCV	16:33	Chloride	47.72	50.0	95	90-110		WTchlss1_00011
112	CCB	16:33	Chloride	2.9				U	
123	CCV	16:36	Chloride	48.66	50.0	97	90-110		WTchlss1_00011
124	CCB	16:36	Chloride	2.9				U	
129	CCV	16:38	Chloride	47.96	50.0	96	90-110		WTchlss1_00011
130	CCB	16:38	Chloride	2.9				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.: 460-62993-1

SDG No.:

Analyst: MCC Batch Start Date: 09/20/2013

Reporting Units: mg/L Analytical Batch No.: 182365

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	09:08	Chloride	48.94	50.0	98	90-110		WTchlss1_00011
2	ICB	09:08	Chloride	2.9				U	
25	CCV	09:44	Chloride	48.69	50.0	97	90-110		WTchlss1_00011
26	CCB	09:44	Chloride	2.9				U	
37	CCV	09:50	Chloride	48.81	50.0	98	90-110		WTchlss1_00011
38	CCB	09:50	Chloride	2.9				U	
43	CCV	09:53	Chloride	48.74	50.0	97	90-110		WTchlss1_00011
44	CCB	09:53	Chloride	2.9				U	
45	CCV	10:01	Chloride	47.61	50.0	95	90-110		WTchlss1_00011
46	CCB	10:01	Chloride	2.9				U	
57	CCV	10:04	Chloride	47.52	50.0	95	90-110		WTchlss1_00011
58	CCB	10:04	Chloride	2.9				U	
63	CCV	10:05	Chloride	48.28	50.0	97	90-110		WTchlss1_00011
64	CCB	10:05	Chloride	2.9				U	
75	CCV	10:11	Chloride	49.37	50.0	99	90-110		WTchlss1_00011
76	CCB	10:11	Chloride	2.9				U	
81	CCV	10:14	Chloride	49.12	50.0	98	90-110		WTchlss1_00011
82	CCB	10:14	Chloride	2.9				U	
90	CCV	10:20	Chloride	49.21	50.0	98	90-110		WTchlss1_00011
91	CCB	10:20	Chloride	2.9				U	
94	CCV	10:23	Chloride	50.10	50.0	100	90-110		WTchlss1_00011
95	CCB	10:23	Chloride	2.9				U	

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

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 182049 Date: 09/17/2013 16:00							
SM 4500 Cl- B	MB 460-182049/1	Chloride	0.84	U	mg/L	5.0	1
Batch ID: 182249 Date: 09/19/2013 16:20							
SM 4500 Cl- E	MB 460-182249/93	Chloride	2.9	U	mg/Kg	5.0	1
Batch ID: 182249 Date: 09/19/2013 16:33							
SM 4500 Cl- E	MB 460-182249/113	Chloride	2.9	U	mg/Kg	5.0	1
Batch ID: 182365 Date: 09/20/2013 09:48							
SM 4500 Cl- E	MB 460-182365/27	Chloride	2.9	U	mg/Kg	5.0	1
Batch ID: 182365 Date: 09/20/2013 10:01							
SM 4500 Cl- E	MB 460-182365/47	Chloride	2.9	U	mg/Kg	5.0	1
Batch ID: 182365 Date: 09/20/2013 10:08							
SM 4500 Cl- E	MB 460-182365/65	Chloride	2.9	U	mg/Kg	5.0	1
Batch ID: 182365 Date: 09/20/2013 10:16							
SM 4500 Cl- E	MB 460-182365/83	Chloride	2.9	U	mg/Kg	5.0	1

3-IN
TCLP SPLPE LEACHATE BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 182249 Date: 09/19/2013 16:20							
SM 4500 Cl- E	LB 460-181844/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 182249 Date: 09/19/2013 16:20							
SM 4500 Cl- E	LB 460-182048/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 182249 Date: 09/19/2013 16:33							
SM 4500 Cl- E	LB 460-182048/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 182365 Date: 09/20/2013 09:48							
SM 4500 Cl- E	LB 460-182048/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 182365 Date: 09/20/2013 09:48							
SM 4500 Cl- E	LB 460-182050/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 182365 Date: 09/20/2013 10:01							
SM 4500 Cl- E	LB 460-182050/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 182365 Date: 09/20/2013 10:10							
SM 4500 Cl- E	LB 460-182050/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 182365 Date: 09/20/2013 10:18							
SM 4500 Cl- E	LB 460-182052/1-A	Chloride	58.2	U	mg/Kg	100	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 182249 Date: 09/19/2013 16:24											
SM 4500 Cl- E	460-62968-A-3 7-B	Chloride	58.1	U	mg/Kg						
SM 4500 Cl- E	460-62968-A-3 7-B MS	Chloride	1031		mg/Kg	999	103	90-110			
Batch ID: 182249 Date: 09/19/2013 16:36											
SM 4500 Cl- E	460-62993-5	Chloride	58.2	U	mg/Kg						
SM 4500 Cl- E	460-62993-5 MS	Chloride	1001		mg/Kg	999	100	90-110			
Batch ID: 182365 Date: 09/20/2013 09:52											
SM 4500 Cl- E	460-62993-19	Chloride	58.1	U	mg/Kg						
SM 4500 Cl- E	460-62993-19 MS	Chloride	1009		mg/Kg	999	101	90-110			
Batch ID: 182365 Date: 09/20/2013 10:04											
SM 4500 Cl- E	460-62993-22	Chloride	58.1	U	mg/Kg						
SM 4500 Cl- E	460-62993-22 MS	Chloride	990.0		mg/Kg	998	99	90-110			
Batch ID: 182365 Date: 09/20/2013 10:13											
SM 4500 Cl- E	460-62993-31	Chloride	58.2	U	mg/Kg						
SM 4500 Cl- E	460-62993-31 MS	Chloride	1000		mg/Kg	999	100	90-110			
Batch ID: 182365 Date: 09/20/2013 10:22											
SM 4500 Cl- E	460-62993-40	Chloride	58.1	U	mg/Kg						
SM 4500 Cl- E	460-62993-40 MS	Chloride	976.7		mg/Kg	998	98	90-110			

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

FORM V-IN

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 182049 Date: 09/17/2013 16:00											
SM 4500 Cl- B	460-62915-B-2	Chloride	3.5	J	mg/L						
SM 4500 Cl- B	460-62915-B-2 MS	Chloride	28.50		mg/L	25.0	100	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.: 460-62993-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 182249 Date: 09/19/2013 16:24											
SM 4500 Cl- E	460-62968-A-3-B MSD	Chloride	1035		mg/Kg	999	104	90-110	0	10	
Batch ID: 182249 Date: 09/19/2013 16:36											
SM 4500 Cl- E	460-62993-5 MSD	Chloride	1012		mg/Kg	999	101	90-110	1	10	
Batch ID: 182365 Date: 09/20/2013 09:52											
SM 4500 Cl- E	460-62993-19 MSD	Chloride	1011		mg/Kg	999	101	90-110	0	10	
Batch ID: 182365 Date: 09/20/2013 10:04											
SM 4500 Cl- E	460-62993-22 MSD	Chloride	990.2		mg/Kg	998	99	90-110	0	10	
Batch ID: 182365 Date: 09/20/2013 10:13											
SM 4500 Cl- E	460-62993-31 MSD	Chloride	1013		mg/Kg	999	101	90-110	1	10	
Batch ID: 182365 Date: 09/20/2013 10:22											
SM 4500 Cl- E	460-62993-40 MSD	Chloride	1002		mg/Kg	998	100	90-110	3	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.: 460-62993-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 182049 Date: 09/17/2013 16:00											
SM 4500 Cl- B	460-62915-B-2 MSD	Chloride	28.50		mg/L	25.0	100	90-110	0	10	

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

FORM V-IN

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 182249	Date: 09/19/2013 16:20										
						LCS Source: WTchlLCS_00043					
SM 4500 Cl- E	LCSSRM 460-182249/94	Chloride	68.87		mg/Kg	71.1	96.9	90.2-11		0.0	
Batch ID: 182249	Date: 09/19/2013 16:33										
						LCS Source: WTchlLCS_00043					
SM 4500 Cl- E	LCSSRM 460-182249/114	Chloride	68.84		mg/Kg	71.1	96.8	90.2-11		0.0	
Batch ID: 182365	Date: 09/20/2013 09:48										
						LCS Source: WTchlLCS_00044					
SM 4500 Cl- E	LCSSRM 460-182365/28	Chloride	44.08		mg/Kg	47.3	93.2	90.1-10		9.9	
Batch ID: 182365	Date: 09/20/2013 10:01										
						LCS Source: WTchlLCS_00044					
SM 4500 Cl- E	LCSSRM 460-182365/48	Chloride	44.68		mg/Kg	47.3	94.5	90.1-10		9.9	
Batch ID: 182365	Date: 09/20/2013 10:08										
						LCS Source: WTchlLCS_00044					
SM 4500 Cl- E	LCSSRM 460-182365/66	Chloride	45.73		mg/Kg	47.3	96.7	90.1-10		9.9	
Batch ID: 182365	Date: 09/20/2013 10:16										
						LCS Source: WTchlLCS_00044					
SM 4500 Cl- E	LCSSRM 460-182365/84	Chloride	46.14		mg/Kg	47.3	97.6	90.1-10		9.9	

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

FORM VIIA-IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 182049		Date: 09/17/2013 16:00									
						LCS Source:		WTchlLCS_00042			
SM 4500 Cl- B	LCSSRM 460-182049/2	Chloride	57.00		mg/L	57.5	99.1	90.1-10 9.9			

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: 460-62993-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 4500 Cl- B MDL Date: 01/07/2013 10:09

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Chloride		5	0.838

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-62993-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 4500 Cl- B XMDL Date: 01/07/2013 10:09

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Chloride		5	0.838

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-62993-1

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: 460-62993-1

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 LEACH

Lab Name: TestAmerica Edison Job Number: 460-62993-1

SDG Number:

Matrix: Solid Instrument ID: Konelab1

Method: SM 4500 Cl- E MDL Date: 11/27/2012 08:53

Leach Method: D3987-85

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Chloride		100	58.2

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY - ASTM LEACH

Lab Name: TestAmerica Edison Job Number: 460-62993-1

SDG Number:

Matrix: Solid Instrument ID: Konelab1

Method: SM 4500 Cl- E XMDL Date: 11/27/2012 08:52

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Chloride		5	2.91

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: NOEQUIP Method: SM 4500 Cl- B

Start Date: 09/17/2013 16:00 End Date: 09/17/2013 16:00

Lab Sample ID	D / F	Type	Time	Analytes																				
				Cl-																				
MB 460-182049/1	1	T	16:00	X																				
LCSSRM 460-182049/2	1	T	16:00	X																				
ZZZZZZ			16:00																					
460-62915-B-2 MS	1	T	16:00	X																				
460-62915-B-2 MSD	1	T	16:00	X																				
ZZZZZZ			16:00																					
ZZZZZZ			16:00																					
ZZZZZZ			16:00																					
ZZZZZZ			16:00																					
ZZZZZZ			16:00																					
ZZZZZZ			16:00																					
460-62993-44	1	T	16:00	X																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/16/2013 17:00 End Date: 09/16/2013 17:00

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			17:00																					
460-62993-24	1	T	17:00	X	X																			
460-62993-25	1	T	17:00	X	X																			
460-62993-26	1	T	17:00	X	X																			
460-62993-27	1	T	17:00	X	X																			
460-62993-28	1	T	17:00	X	X																			
460-62993-29	1	T	17:00	X	X																			
460-62993-30	1	T	17:00	X	X																			
460-62993-31	1	T	17:00	X	X																			
460-62993-32	1	T	17:00	X	X																			
460-62993-33	1	T	17:00	X	X																			
460-62993-34	1	T	17:00	X	X																			
460-62993-35	1	T	17:00	X	X																			
460-62993-36	1	T	17:00	X	X																			
460-62993-37	1	T	17:00	X	X																			
460-62993-38	1	T	17:00	X	X																			
460-62993-39	1	T	17:00	X	X																			
ZZZZZZ			17:00																					
ZZZZZZ			17:00																					
ZZZZZZ			17:00																					
460-62816-D-1 DU	1	T	17:00	X	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison   Job No.: 460-62993-1

SDG No.:

Instrument ID: NOEQUIP   Method: Moisture

Start Date: 09/17/2013 16:52   End Date: 09/17/2013 16:52

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
ZZZZZZ			16:52																				
460-62993-1	1	T	16:52	X	X																		
460-62993-2	1	T	16:52	X	X																		
460-62993-3	1	T	16:52	X	X																		
460-62993-4	1	T	16:52	X	X																		
460-62993-5	1	T	16:52	X	X																		
460-62993-6	1	T	16:52	X	X																		
460-62993-7	1	T	16:52	X	X																		
460-62993-8	1	T	16:52	X	X																		
460-62993-8 DU	1	T	16:52	X	X																		

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/17/2013 17:13 End Date: 09/17/2013 17:13

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			17:13																					
460-62993-9	1	T	17:13	X	X																			
460-62993-10	1	T	17:13	X	X																			
460-62993-11	1	T	17:13	X	X																			
460-62993-12	1	T	17:13	X	X																			
460-62993-13	1	T	17:13	X	X																			
460-62993-14	1	T	17:13	X	X																			
460-62993-15	1	T	17:13	X	X																			
460-62993-16	1	T	17:13	X	X																			
460-62993-17	1	T	17:13	X	X																			
460-62993-18	1	T	17:13	X	X																			
460-62993-19	1	T	17:13	X	X																			
460-62993-20	1	T	17:13	X	X																			
460-62993-21	1	T	17:13	X	X																			
460-62993-22	1	T	17:13	X	X																			
460-62993-23	1	T	17:13	X	X																			
460-62993-40	1	T	17:13	X	X																			
460-62993-41	1	T	17:13	X	X																			
460-62993-42	1	T	17:13	X	X																			
460-62993-43	1	T	17:13	X	X																			
460-62993-43 DU	1	T	17:13	X	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 09/19/2013 14:40 End Date: 09/19/2013 16:38

Lab Sample ID	D/F	Type	Time	Analytes
				CL-
ICV 460-182249/1	1		14:40	X
ICB 460-182249/2	1		14:40	X
CCV 460-182249/3			14:56	
CCB 460-182249/4			14:56	
ZZZZZZ			14:56	
ZZZZZZ			14:56	
ZZZZZZ			14:56	
ZZZZZZ			14:56	
ZZZZZZ			14:56	
ZZZZZZ			14:56	
ZZZZZZ			14:56	
ZZZZZZ			14:56	
ZZZZZZ			14:56	
ZZZZZZ			14:56	
CCV 460-182249/15			14:59	
CCB 460-182249/16			14:59	
ZZZZZZ			14:59	
ZZZZZZ			14:59	
CCV 460-182249/19			15:00	
CCB 460-182249/20			15:00	
CCV 460-182249/21			15:14	
CCB 460-182249/22			15:14	
ZZZZZZ			15:14	
ZZZZZZ			15:14	
CCV 460-182249/25			15:15	
CCB 460-182249/26			15:15	
CCV 460-182249/27			15:24	
CCB 460-182249/28			15:24	
ZZZZZZ			15:24	
ZZZZZZ			15:24	
ZZZZZZ			15:24	
ZZZZZZ			15:24	
ZZZZZZ			15:24	
ZZZZZZ			15:24	
ZZZZZZ			15:24	
ZZZZZZ			15:24	
ZZZZZZ			15:24	
ZZZZZZ			15:24	
CCV 460-182249/39			15:27	
CCB 460-182249/40			15:27	
ZZZZZZ			15:27	
ZZZZZZ			15:27	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison   Job No.: 460-62993-1

SDG No.:

Instrument ID: Konelab1   Method: SM 4500 Cl- E

Start Date: 09/19/2013 14:40   End Date: 09/19/2013 16:38

Lab Sample ID	D/F	Type	Time	Analytes: CL-																			
CCV 460-182249/43			15:28																				
CCB 460-182249/44			15:28																				
CCV 460-182249/45			15:40																				
CCB 460-182249/46			15:40																				
ZZZZZZ			15:40																				
ZZZZZZ			15:40																				
CCV 460-182249/49			15:41																				
CCB 460-182249/50			15:41																				
CCV 460-182249/51			15:49																				
CCB 460-182249/52			15:49																				
ZZZZZZ			15:50																				
ZZZZZZ			15:50																				
ZZZZZZ			15:50																				
ZZZZZZ			15:50																				
ZZZZZZ			15:50																				
ZZZZZZ			15:50																				
ZZZZZZ			15:50																				
ZZZZZZ			15:50																				
ZZZZZZ			15:50																				
ZZZZZZ			15:50																				
CCV 460-182249/63			15:53																				
CCB 460-182249/64			15:53																				
ZZZZZZ			15:53																				
ZZZZZZ			15:53																				
ZZZZZZ			15:53																				
ZZZZZZ			15:53																				
CCV 460-182249/69			15:54																				
CCB 460-182249/70			15:54																				
CCV 460-182249/71			16:06																				
CCB 460-182249/72			16:06																				
ZZZZZZ			16:06																				
ZZZZZZ			16:06																				
ZZZZZZ			16:06																				
ZZZZZZ			16:06																				
ZZZZZZ			16:06																				
ZZZZZZ			16:06																				
ZZZZZZ			16:06																				
ZZZZZZ			16:06																				
ZZZZZZ			16:06																				
ZZZZZZ			16:06																				
CCV 460-182249/83			16:09																				
CCB 460-182249/84			16:09																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 09/19/2013 14:40 End Date: 09/19/2013 16:38

Lab Sample ID	D / F	Type	Time	Analytes																			
				CL-																			
ZZZZZZ			16:10																				
ZZZZZZ			16:10																				
ZZZZZZ			16:10																				
ZZZZZZ			16:10																				
CCV 460-182249/89			16:11																				
CCB 460-182249/90			16:11																				
CCV 460-182249/91	1		16:20	X																			
CCB 460-182249/92	1		16:20	X																			
MB 460-182249/93	1	T	16:20	X																			
LCSSRM 460-182249/94	1	T	16:20	X																			
LB 460-181844/1-A	1	Y	16:20	X																			
ZZZZZZ			16:20																				
ZZZZZZ			16:20																				
ZZZZZZ			16:20																				
LB 460-182048/1-A	1	Y	16:20	X																			
ZZZZZZ			16:20																				
460-62993-1	1	Y	16:20	X																			
460-62993-2	1	Y	16:20	X																			
CCV 460-182249/103	1		16:24	X																			
CCB 460-182249/104	1		16:24	X																			
460-62968-A-37-B MS	1	Y	16:24	X																			
460-62968-A-37-B MSD	1	Y	16:24	X																			
460-62993-3	1	Y	16:24	X																			
460-62993-4	1	Y	16:24	X																			
CCV 460-182249/109	1		16:25	X																			
CCB 460-182249/110	1		16:25	X																			
CCV 460-182249/111	1		16:33	X																			
CCB 460-182249/112	1		16:33	X																			
MB 460-182249/113	1	T	16:33	X																			
LCSSRM 460-182249/114	1	T	16:33	X																			
LB 460-182048/1-A	1	Y	16:33	X																			
460-62993-5	1	Y	16:33	X																			
460-62993-6	1	Y	16:33	X																			
460-62993-7	1	Y	16:33	X																			
460-62993-8	1	Y	16:33	X																			
460-62993-9	1	Y	16:33	X																			
460-62993-10	1	Y	16:33	X																			
460-62993-11	1	Y	16:33	X																			
CCV 460-182249/123	1		16:36	X																			
CCB 460-182249/124	1		16:36	X																			
460-62993-5 MS	1	Y	16:36	X																			
460-62993-5 MSD	1	Y	16:36	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 09/19/2013 14:40 End Date: 09/19/2013 16:38

Lab Sample ID	D / F	Type	Time	Analytes																			
				CL-																			
460-62993-12	1	Y	16:37	X																			
460-62993-13	1	Y	16:37	X																			
CCV 460-182249/129	1		16:38	X																			
CCB 460-182249/130	1		16:38	X																			

Prep Types

T = Total/NA

Y = ASTM Leach

ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison   Job No.: 460-62993-1

SDG No.:

Instrument ID: Konelab1   Method: SM 4500 Cl- E

Start Date: 09/20/2013 09:08   End Date: 09/20/2013 10:23

Lab Sample ID	D/F	Type	Time	Analytes: CL-
ICV 460-182365/1	1		09:08	X
ICB 460-182365/2	1		09:08	X
CCV 460-182365/3			09:32	
CCB 460-182365/4			09:32	
ZZZZZZ			09:32	
ZZZZZZ			09:32	
ZZZZZZ			09:32	
ZZZZZZ			09:32	
ZZZZZZ			09:32	
ZZZZZZ			09:32	
ZZZZZZ			09:32	
ZZZZZZ			09:32	
ZZZZZZ			09:32	
ZZZZZZ			09:32	
CCV 460-182365/15			09:35	
CCB 460-182365/16			09:35	
ZZZZZZ			09:35	
ZZZZZZ			09:35	
CCV 460-182365/19			09:36	
CCB 460-182365/20			09:36	
CCV 460-182365/21			09:43	
CCB 460-182365/22			09:43	
ZZZZZZ			09:43	
ZZZZZZ			09:43	
CCV 460-182365/25	1		09:44	X
CCB 460-182365/26	1		09:44	X
MB 460-182365/27	1	T	09:48	X
LCSSRM 460-182365/28	1	T	09:48	X
LB 460-182048/1-A	1	Y	09:48	X
460-62993-14	1	Y	09:48	X
460-62993-15	1	Y	09:48	X
460-62993-16	1	Y	09:48	X
460-62993-17	1	Y	09:48	X
460-62993-18	1	Y	09:48	X
460-62993-19	1	Y	09:48	X
LB 460-182050/1-A	1	Y	09:48	X
CCV 460-182365/37	1		09:50	X
CCB 460-182365/38	1		09:50	X
460-62993-20	1	Y	09:52	X
460-62993-21	1	Y	09:52	X
460-62993-19 MS	1	Y	09:52	X
460-62993-19 MSD	1	Y	09:52	X

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 09/20/2013 09:08 End Date: 09/20/2013 10:23

Lab Sample ID	D/F	Type	Time	Analytes																			
				Cl-																			
CCV 460-182365/43	1		09:53	X																			
CCB 460-182365/44	1		09:53	X																			
CCV 460-182365/45	1		10:01	X																			
CCB 460-182365/46	1		10:01	X																			
MB 460-182365/47	1	T	10:01	X																			
LCSSRM 460-182365/48	1	T	10:01	X																			
LB 460-182050/1-A	1	Y	10:01	X																			
460-62993-22	1	Y	10:01	X																			
460-62993-23	1	Y	10:01	X																			
460-62993-24	1	Y	10:01	X																			
460-62993-25	1	Y	10:01	X																			
460-62993-26	1	Y	10:01	X																			
460-62993-27	1	Y	10:01	X																			
460-62993-28	1	Y	10:01	X																			
CCV 460-182365/57	1		10:04	X																			
CCB 460-182365/58	1		10:04	X																			
460-62993-29	1	Y	10:04	X																			
460-62993-30	1	Y	10:04	X																			
460-62993-22 MS	1	Y	10:04	X																			
460-62993-22 MSD	1	Y	10:04	X																			
CCV 460-182365/63	1		10:05	X																			
CCB 460-182365/64	1		10:05	X																			
MB 460-182365/65	1	T	10:08	X																			
LCSSRM 460-182365/66	1	T	10:08	X																			
LB 460-182050/1-A	1	Y	10:10	X																			
460-62993-31	1	Y	10:10	X																			
460-62993-32	1	Y	10:10	X																			
460-62993-33	1	Y	10:10	X																			
460-62993-34	1	Y	10:10	X																			
460-62993-35	1	Y	10:10	X																			
460-62993-36	1	Y	10:10	X																			
460-62993-37	1	Y	10:10	X																			
CCV 460-182365/75	1		10:11	X																			
CCB 460-182365/76	1		10:11	X																			
460-62993-38	1	Y	10:13	X																			
460-62993-39	1	Y	10:13	X																			
460-62993-31 MS	1	Y	10:13	X																			
460-62993-31 MSD	1	Y	10:13	X																			
CCV 460-182365/81	1		10:14	X																			
CCB 460-182365/82	1		10:14	X																			
MB 460-182365/83	1	T	10:16	X																			
LCSSRM 460-182365/84	1	T	10:16	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Instrument ID: Konelab1 Method: SM 4500 Cl- E

Start Date: 09/20/2013 09:08 End Date: 09/20/2013 10:23

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cl-																			
LB 460-182052/1-A	1	Y	10:18	X																			
460-62993-40	1	Y	10:18	X																			
460-62993-41	1	Y	10:19	X																			
460-62993-42	1	Y	10:19	X																			
460-62993-43	1	Y	10:19	X																			
CCV 460-182365/90	1		10:20	X																			
CCB 460-182365/91	1		10:20	X																			
460-62993-40 MS	1	Y	10:22	X																			
460-62993-40 MSD	1	Y	10:22	X																			
CCV 460-182365/94	1		10:23	X																			
CCB 460-182365/95	1		10:23	X																			

Prep Types

T = Total/NA

Y = ASTM Leach

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 182049 Batch Start Date: 09/17/13 16:00 Batch Analyst: Vu, Huan

Batch Method: SM 4500 Cl- B Batch End Date: 09/18/13 17:24

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00042	WTchlSP1 00016	AnalysisComment		
MB 460-182049/1		SM 4500 Cl- B		100 mL			B-2924-13 : 0.014 N AgNO3 exp;03/17/14		
LCSSRM 460-182049/2		SM 4500 Cl- B		100 mL	100 mL		B-2904-13 : K2CrO4 exp;03/01/14		
460-62915-B-2 MS		SM 4500 Cl- B	T	100 mL		2.5 mL			
460-62915-B-2 MSD		SM 4500 Cl- B	T	100 mL		2.5 mL			
460-62993-H-44	FB-091313	SM 4500 Cl- B	T	100 mL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181604 Batch Start Date: 09/16/13 17:00 Batch Analyst: Robinson, Ian

Batch Method: Moisture Batch End Date: 09/17/13 10:40

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-62993-E-24	PMP-10SE-SI	Moisture	T	212	0.99 g	6.24 g	5.48 g		
460-62993-E-25	PMP-10SE-SD	Moisture	T	213	0.98 g	6.92 g	5.82 g		
460-62993-E-26	PMP-13SE-VD	Moisture	T	214	1.05 g	6.51 g	6.20 g		
460-62993-E-27	PMP-13SE-WT	Moisture	T	215	1.02 g	6.40 g	5.72 g		
460-62993-E-28	PMP-13SE-SI	Moisture	T	216	1.00 g	6.88 g	6.20 g		
460-62993-F-29	PMP-13SE-SD	Moisture	T	217	0.99 g	6.41 g	5.66 g		
460-62993-E-30	PMP-15SE-VD	Moisture	T	218	0.99 g	6.28 g	6.06 g		
460-62993-E-31	PMP-15SE-WT	Moisture	T	219	0.96 g	6.57 g	5.81 g		
460-62993-E-32	PMP-15SE-SI	Moisture	T	220	0.98 g	6.39 g	5.60 g		
460-62993-E-33	PMP-15SE-SD	Moisture	T	221	1.02 g	6.77 g	5.80 g		
460-62993-E-34	PMP-31SE-VS	Moisture	T	222	0.99 g	6.73 g	6.44 g		
460-62993-E-35	PMP-31SE-VD	Moisture	T	223	0.97 g	6.64 g	6.34 g		
460-62993-E-36	PMP-31SE-WT	Moisture	T	224	0.98 g	6.54 g	5.97 g		
460-62993-E-37	PMP-32SE-VS	Moisture	T	225	0.97 g	6.48 g	6.29 g		
460-62993-E-38	PMP-32SE-VD	Moisture	T	226	0.98 g	6.14 g	5.73 g		
460-62993-E-39	PMP-32SE-WT	Moisture	T	227	0.98 g	6.23 g	5.48 g		
460-62816-D-1 DU		Moisture	T	231	0.97 g	6.66 g	5.69 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	09/16/13
Oven Temp when samples are put in oven	105 Degrees C
Time samples were place in the oven	17:20
Date samples were removed from oven	9/17/13
Oven Temp when samples removed from oven	104 Degrees C
Time Samples were removed from oven	10:40
Oven ID	Oven 1
ID number of the thermometer	N71565
Uncorrected In Temperature	105 Celsius
Uncorrected Out Temperature	104 Celsius

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181604 Batch Start Date: 09/16/13 17:00 Batch Analyst: Robinson, Ian

Batch Method: Moisture Batch End Date: 09/17/13 10:40

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181835 Batch Start Date: 09/17/13 16:52 Batch Analyst: Robinson, Ian

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-62993-E-1	PMP-6SE-VD	Moisture	T	118	1.04 g	6.80 g	6.50 g		
460-62993-E-2	PMP-6SE-WT	Moisture	T	119	1.01 g	6.22 g	5.71 g		
460-62993-E-3	PMP-6SE-SI	Moisture	T	120	0.99 g	6.54 g	5.75 g		
460-62993-E-4	PMP-5SE-VD	Moisture	T	121	1.01 g	6.96 g	6.68 g		
460-62993-E-5	PMP-5SE-WT	Moisture	T	122	1.01 g	6.54 g	6.00 g		
460-62993-E-6	PMP-5SE-SI	Moisture	T	123	0.99 g	6.73 g	6.02 g		
460-62993-E-7	PMP-8SE-VS	Moisture	T	124	0.98 g	6.34 g	6.12 g		
460-62993-E-8	PMP-8SE-VD	Moisture	T	125	1.00 g	6.56 g	6.36 g		
460-62993-E-8 DU	PMP-8SE-VD	Moisture	T	126	0.99 g	6.50 g	6.30 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	09/17/13
Oven Temp when samples are put in oven	104 Degrees C
Time samples were place in the oven	17:10
Date samples were removed from oven	9/18/13
Oven Temp when samples removed from oven	102 Degrees C
Time Samples were removed from oven	08:31
Oven ID	Oven 2
ID number of the thermometer	38767
Uncorrected In Temperature	104 Celsius
Uncorrected Out Temperature	102 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181838 Batch Start Date: 09/17/13 17:13 Batch Analyst: Robinson, Ian

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-62993-D-9	PMP-8SE-WT	Moisture	T	128	1.02 g	6.42 g	5.93 g		
460-62993-E-10	PMP-4SE-VS	Moisture	T	129	1.01 g	6.27 g	5.96 g		
460-62993-E-11	PMP-4SE-VD	Moisture	T	130	1.03 g	6.51 g	6.12 g		
460-62993-E-12	PMP-4SE-WT	Moisture	T	131	1.04 g	6.29 g	6.11 g		
460-62993-E-13	PMP-14SE-VS	Moisture	T	132	0.98 g	6.59 g	6.28 g		
460-62993-E-14	PMP-14SE-VD	Moisture	T	133	0.98 g	6.52 g	6.33 g		
460-62993-E-15	PMP-14SE-WT	Moisture	T	134	0.99 g	6.40 g	6.21 g		
460-62993-E-16	PMP-25SE-VS	Moisture	T	135	0.98 g	6.44 g	6.15 g		
460-62993-E-17	PMP-25SE-VD	Moisture	T	136	0.98 g	6.55 g	6.29 g		
460-62993-E-18	PMP-25SE-WT	Moisture	T	137	1.05 g	6.23 g	5.59 g		
460-62993-E-19	PMP-7SE-VD	Moisture	T	138	1.00 g	6.76 g	6.44 g		
460-62993-E-20	PMP-7SE-WT	Moisture	T	139	0.99 g	6.36 g	5.82 g		
460-62993-E-21	PMP-7SE-SI	Moisture	T	140	1.05 g	6.51 g	5.64 g		
460-62993-E-22	PMP-10SE-VD	Moisture	T	141	1.02 g	6.78 g	6.54 g		
460-62993-E-23	PMP-10SE-WT	Moisture	T	142	1.01 g	6.42 g	5.78 g		
460-62993-E-40	DUP-091313	Moisture	T	143	1.01 g	6.11 g	5.91 g		
460-62993-E-41	DUP1-091313	Moisture	T	144	1.01 g	6.83 g	6.12 g		
460-62993-E-42	DUP2-091313	Moisture	T	145	1.00 g	6.32 g	5.57 g		
460-62993-E-43	DUP3-091313	Moisture	T	146	1.00 g	6.25 g	5.31 g		
460-62993-E-43 DU	DUP3-091313	Moisture	T	147	0.99 g	6.87 g	5.82 g		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181838 Batch Start Date: 09/17/13 17:13 Batch Analyst: Robinson, Ian

Batch Method: Moisture Batch End Date:

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	09/17/13
Oven Temp when samples are put in oven	104 Degrees C
Time samples were place in the oven	17:35
Date samples were removed from oven	9/18/13
Oven Temp when samples removed from oven	102 Degrees C
Time Samples were removed from oven	08:31
Oven ID	Oven 2
ID number of the thermometer	N71730
Uncorrected In Temperature	104 Celsius
Uncorrected Out Temperature	102 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 181844 Batch Start Date: 09/17/13 15:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 09/18/13 09:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
LB 460-181844/1		D3987-85, SM 4500 Cl- E		35 g	700 mL	6.02 SU	30% head space in 1L container		

Batch Notes	
Balance ID	13
Batch Comment	Room temp = 23.5 C; COD and TOC preserved with 10% H2SO4 C 9887-13 exp 3/11/14
Blank Soil Lot Number	pH meter F

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 182048 Batch Start Date: 09/18/13 17:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 09/19/13 11:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
LB 460-182048/1		D3987-85, SM 4500 Cl- E		35 g	700 mL	5.72 SU	30% head space in 1L container		
460-62993-A-1	PMP-6SE-VD	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	7.10 SU	30% head space in 1L container		
460-62993-A-2	PMP-6SE-WT	D3987-85, SM 4500 Cl- E	Y	35.05 g	700 mL	5.62 SU	30% head space in 1L container		
460-62993-A-3	PMP-6SE-SI	D3987-85, SM 4500 Cl- E	Y	35.10 g	700 mL	5.01 SU	30% head space in 1L container		
460-62993-A-4	PMP-5SE-VD	D3987-85, SM 4500 Cl- E	Y	35.07 g	700 mL	6.96 SU	30% head space in 1L container		
460-62993-A-5	PMP-5SE-WT	D3987-85, SM 4500 Cl- E	Y	35.02 g	700 mL	4.74 SU	30% head space in 1L container		
460-62993-A-6	PMP-5SE-SI	D3987-85, SM 4500 Cl- E	Y	35.03 g	700 mL	5.46 SU	30% head space in 1L container		
460-62993-A-7	PMP-8SE-VS	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	7.65 SU	30% head space in 1L container		
460-62993-A-8	PMP-8SE-VD	D3987-85, SM 4500 Cl- E	Y	35.06 g	700 mL	5.27 SU	30% head space in 1L container		
460-62993-A-9	PMP-8SE-WT	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	4.93 SU	30% head space in 1L container		
460-62993-A-10	PMP-4SE-VS	D3987-85, SM 4500 Cl- E	Y	35.05 g	700 mL	8.28 SU	30% head space in 1L container		
460-62993-A-11	PMP-4SE-VD	D3987-85, SM 4500 Cl- E	Y	35.05 g	700 mL	6.09 SU	30% head space in 1L container		
460-62993-A-12	PMP-4SE-WT	D3987-85, SM 4500 Cl- E	Y	35.01 g	700 mL	6.49 SU	30% head space in 1L container		
460-62993-A-13	PMP-14SE-VS	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	6.68 SU	30% head space in 1L container		
460-62993-A-14	PMP-14SE-VD	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	5.04 SU	30% head space in 1L container		
460-62993-A-15	PMP-14SE-WT	D3987-85, SM 4500 Cl- E	Y	35.07 g	700 mL	5.06 SU	30% head space in 1L container		
460-62993-A-16	PMP-25SE-VS	D3987-85, SM 4500 Cl- E	Y	35.06 g	700 mL	5.70 SU	30% head space in 1L container		
460-62993-A-17	PMP-25SE-VD	D3987-85, SM 4500 Cl- E	Y	35.06 g	700 mL	5.32 SU	30% head space in 1L container		
460-62993-A-18	PMP-25SE-WT	D3987-85, SM 4500 Cl- E	Y	35.03 g	700 mL	5.99 SU	30% head space in 1L container		
460-62993-A-19	PMP-7SE-VD	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	5.25 SU	30% head space in 1L container		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 182048 Batch Start Date: 09/18/13 17:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 09/19/13 11:00

Batch Notes	
Balance ID	13
Batch Comment	Room temp = 23.5 C
Blank Soil Lot Number	pH meter F

Basis	Basis Description
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 182050 Batch Start Date: 09/18/13 17:20 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 09/19/13 09:20

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
LB 460-182050/1		D3987-85, SM 4500 Cl- E		35 g	700 mL	5.71 SU	30% head space in 1L container		
460-62993-A-20	PMP-7SE-WT	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	5.05 SU	30% head space in 1L container		
460-62993-A-21	PMP-7SE-SI	D3987-85, SM 4500 Cl- E	Y	35.06 g	700 mL	5.66 SU	30% head space in 1L container		
460-62993-A-22	PMP-10SE-VD	D3987-85, SM 4500 Cl- E	Y	35.08 g	700 mL	5.17 SU	30% head space in 1L container		
460-62993-A-23	PMP-10SE-WT	D3987-85, SM 4500 Cl- E	Y	35.00 g	700 mL	5.79 SU	30% head space in 1L container		
460-62993-A-24	PMP-10SE-SI	D3987-85, SM 4500 Cl- E	Y	35.02 g	700 mL	5.59 SU	30% head space in 1L container		
460-62993-A-25	PMP-10SE-SD	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	5.07 SU	30% head space in 1L container		
460-62993-A-26	PMP-13SE-VD	D3987-85, SM 4500 Cl- E	Y	35.00 g	700 mL	7.00 SU	30% head space in 1L container		
460-62993-A-27	PMP-13SE-WT	D3987-85, SM 4500 Cl- E	Y	35.05 g	700 mL	5.37 SU	30% head space in 1L container		
460-62993-A-28	PMP-13SE-SI	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	5.88 SU	30% head space in 1L container		
460-62993-A-29	PMP-13SE-SD	D3987-85, SM 4500 Cl- E	Y	35.08 g	700 mL	5.59 SU	30% head space in 1L container		
460-62993-A-30	PMP-15SE-VD	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	6.19 SU	30% head space in 1L container		
460-62993-A-31	PMP-15SE-WT	D3987-85, SM 4500 Cl- E	Y	35.02 g	700 mL	4.91 SU	30% head space in 1L container		
460-62993-A-32	PMP-15SE-SI	D3987-85, SM 4500 Cl- E	Y	35.06 g	700 mL	4.90 SU	30% head space in 1L container		
460-62993-A-33	PMP-15SE-SD	D3987-85, SM 4500 Cl- E	Y	35.02 g	700 mL	5.67 SU	30% head space in 1L container		
460-62993-A-34	PMP-31SE-VS	D3987-85, SM 4500 Cl- E	Y	35.06 g	700 mL	5.86 SU	30% head space in 1L container		
460-62993-A-35	PMP-31SE-VD	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	5.58 SU	30% head space in 1L container		
460-62993-A-36	PMP-31SE-WT	D3987-85, SM 4500 Cl- E	Y	35.05 g	700 mL	5.53 SU	30% head space in 1L container		
460-62993-A-37	PMP-32SE-VS	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	5.79 SU	30% head space in 1L container		
460-62993-A-38	PMP-32SE-VD	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	6.03 SU	30% head space in 1L container		
460-62993-A-39	PMP-32SE-WT	D3987-85, SM 4500 Cl- E	Y	35.09 g	700 mL	5.04 SU	30% head space in 1L container		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 182050 Batch Start Date: 09/18/13 17:20 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 09/19/13 09:20

Batch Notes	
Balance ID	13
Batch Comment	Room temp = 23.5 C; COD and TOC preserved with 10% H2SO4 C 9887-13 exp 3/11/14
Blank Soil Lot Number	pH meter F

Basis	Basis Description
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 182052 Batch Start Date: 09/18/13 17:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 09/19/13 11:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
LB 460-182052/1		D3987-85, SM 4500 Cl- E		35 g	700 mL	5.71 SU	30% head space in 1L container		
460-62993-A-40	DUP-091313	D3987-85, SM 4500 Cl- E	Y	35.07 g	700 mL	5.31 SU	30% head space in 1L container		
460-62993-A-41	DUP1-091313	D3987-85, SM 4500 Cl- E	Y	35.07 g	700 mL	5.94 SU	30% head space in 1L container		
460-62993-A-42	DUP2-091313	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	5.97 SU	30% head space in 1L container		
460-62993-A-43	DUP3-091313	D3987-85, SM 4500 Cl- E	Y	35.06 g	700 mL	5.14 SU	30% head space in 1L container		

Batch Notes	
Balance ID	13
Batch Comment	Room temp = 23.5 C; COD and TOC preserved with 10% H2SO4 C 9887-13 exp 3/11/14
Blank Soil Lot Number	pH meter F

Basis	Basis Description
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 182249 Batch Start Date: 09/19/13 14:40 Batch Analyst: Cabanganan, Maria

Batch Method: SM 4500 Cl- E Batch End Date: 09/19/13 16:38

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00043	WTchlSP1 00016	WTchlss1 00011		
ICV 460-182249/1		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-182249/91		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-182249/94		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-182249/103		SM 4500 Cl- E		50 mL			2.5 mL		
460-62968-A-37-B MS		SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-62968-A-37-B MSD		SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-182249/109		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-182249/111		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-182249/114		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-182249/123		SM 4500 Cl- E		50 mL			2.5 mL		
460-62993-A-5-B MS	PMP-5SE-WT	SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-62993-A-5-B MSD	PMP-5SE-WT	SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-182249/129		SM 4500 Cl- E		50 mL			2.5 mL		

Batch Notes	
Color Reagent ID Number	C-9672-13 exp. 01/01/14
Filter Paper Lot Number	CCV: A(58549)13 exp. 10/13/13
Pipette ID	Cal. curve: A(58542-58548)13 exp. 10/13/13

Basis	Basis Description
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 182365 Batch Start Date: 09/20/13 09:08 Batch Analyst: Cabanganan, Maria

Batch Method: SM 4500 Cl- E Batch End Date: 09/20/13 10:23

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00044	WTchlSP1 00016	WTchlss1 00011		
ICV 460-182365/1		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-182365/25		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-182365/28		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-182365/37		SM 4500 Cl- E		50 mL			2.5 mL		
460-62993-A-19-B MS	PMP-7SE-VD	SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-62993-A-19-B MSD	PMP-7SE-VD	SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-182365/43		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-182365/45		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-182365/48		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-182365/57		SM 4500 Cl- E		50 mL			2.5 mL		
460-62993-A-22-B MS	PMP-10SE-VD	SM 4500 Cl- E		50 mL		2.5 mL			
460-62993-A-22-B MSD	PMP-10SE-VD	SM 4500 Cl- E		50 mL		2.5 mL			
CCV 460-182365/63		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-182365/66		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-182365/75		SM 4500 Cl- E		50 mL			2.5 mL		
460-62993-A-31-B MS	PMP-15SE-WT	SM 4500 Cl- E		50 mL		2.5 mL			
460-62993-A-31-B MSD	PMP-15SE-WT	SM 4500 Cl- E		50 mL		2.5 mL			
CCV 460-182365/81		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-182365/84		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-182365/90		SM 4500 Cl- E		50 mL			2.5 mL		
460-62993-A-40-B MS	DUP-091313	SM 4500 Cl- E		50 mL		2.5 mL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62993-1

SDG No.:

Batch Number: 182365 Batch Start Date: 09/20/13 09:08 Batch Analyst: Cabanganan, Maria

Batch Method: SM 4500 Cl- E Batch End Date: 09/20/13 10:23

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00044	WTchlSP1 00016	WTchlss1 00011		
460-62993-A-40-B MSD	DUP-091313	SM 4500 Cl-E		50 mL		2.5 mL			
CCV 460-182365/94		SM 4500 Cl-E		50 mL			2.5 mL		

Batch Notes	
Color Reagent ID Number	C-9672-13 exp. 01/01/14
Filter Paper Lot Number	CCV: A(58549)13 exp. 10/13/13
Pipette ID	Cal. curve: A(58542-58548)13 exp. 10/13/13

Basis	Basis Description
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

460-62993 Chain of Custody

ad
08817
00 Fax: (732) 549-3679

09/24/2013

CHAIN OF CUSTODY / ANALYSIS

Page 1 of 5

Name (for report and invoice)	Samplers Name (Printed)	Site/Project Identification
Carla Nascimento	Bill Rosany, Chris Gorski, Jared Levine	Former McCandless Fuels Site
Company: Antea Group	P. O. # SE08124485P Phase 0007	State (Location of site): NJ: ☑ NY: ☐ Other:
Address: 1031 U.S. Highway 22 Suite 100	Analysis Turnaround Time: Standard ☑	Regulatory Program: SRP
City: Bridgewater State: NJ	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	LAB USE ONLY Project No:
Phone: 908-547-3834 Fax:		Job No: 62993

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	8260B VOC+10	8270C BNA+15	8082 PCBs	Chlordane	OQA-QAM TPH	Sample Numbers
PMP-6SE-VD	9/13/13	0820	Subsurface Soil	5	X	X	X	X	X	1
PMP-6SE-WT		0825								2
PMP-6SE-SI		0830								3
PMP-5SE-VD		0835								4
PMP-5SE-WT		0840								5
PMP-5SE-SI		0845								6
PMP-8SE-VS		0850								7
PMP-8SE-VD		0855								8
PMP-8SE-WT		0900								9
PMP-4SE-VS		0920								10

5-Day RUSH

HOLD SHORT

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH — Soil: 1,6,7 | 1 | 1 | 1 | 1

6 = Other Methanol, 7 = Other DI — Water:

Special Instructions

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	Antea Group	9/13/13 1617	1) A Hall 9/13/13	1617 TA
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)

0.3/0.9 1.3/1.9 1.9/2.5

NO C/S

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 2 of 5

Name (for report and invoice): Carla Nascimento

Company: Antea Group

Address: 1031 U.S. Highway 22 Suite 100

City: Bridgewater State: NJ

Phone: 908-547-3834 Fax:

Samplers Name (Printed): Bill Risany, Chris Goski; Jared Levin,

P. O. #: 8E0812485P Phase 0007

Site/Project Identification: Former McCandless Fuels Site

State (Location of site): NJ: ✓ NY: ☐ Other:

Regulatory Program: SRP

Analysis Turnaround Time: Standard ☑
Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐

LAB USE ONLY
Project No:
Job No: 62993

ANALYSIS REQUESTED (ENTER 'X' BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of. Cont.	8260B VOC+10	8270C BNA+15	8082 PCBs	Chloride	CGIA QAM TPH							Sample Numbers
✓PMP-4SE-VD	9/13/13	0930	Subsurface Soil	5	X	X	X	X	X							11
✓PMP-4SE-WT	↓	0925	↓	↓	↓	↓	↓	↓	↓							12
✓PMP-14SE-VS	↓	0935	↓	↓	↓	↓	↓	↓	↓							13
✓PMP-14SE-VD	↓	0940	↓	↓	↓	↓	↓	↓	↓							14
✓PMP-14SE-WT	↓	0945	↓	↓	↓	↓	↓	↓	↓							15
✓PMP-25SE-VS	↓	0950	↓	↓	↓	↓	↓	↓	↓							16
✓PMP-25SE-VD	↓	0955	↓	↓	↓	↓	↓	↓	↓							17
✓PMP-25SE-WT	↓	1000	↓	↓	↓	↓	↓	↓	↓							18
✓PMP-7SE-VD	↓	1010	↓	↓	↓	↓	↓	↓	↓							19
✓PMP-7SE-WT	↓	1015	↓	↓	↓	↓	↓	↓	↓							20

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other Methanol, 7 = Other DI

Soil: 1,6,7 | 1 | 1 | 1 | 1
Water:

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
1) [signature]	Antea Group	9/13/13 1617	1) [signature] 1617 TA	9/13/13
2)			2)	
3)			3)	
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

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Edison, New Jersey 08817
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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

09/24/2013

Name (for report and invoice) Carla Nascimento	Samplers Name (Printed) Bill Risavy, Chris Borski, Jared Levine	Site/Project Identification Former McCandless Fuels Site
Company Antea Group	P. O. # 8E08:2485P Phase 0007	State (Location of site): NJ: ☑ NY: ☐ Other:
Address 1031 U.S. Highway 22 Suite 100	Analysis Turnaround Time: Standard ☑	Regulatory Program: SRP
City Bridgewater State NJ	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	LAB USE ONLY Project No:
Phone 908-547-3834 Fax		Job No: 62993

Sample Identification	Date	Time	Matrix	No. of Cont.	8260B VOC+10	8270C BNA+15	8082 PCBs	Chloride, OGA-DIAM, TPH							Sample Numbers
✓ PMP-7SE-SI	9/13/13	1020	Subsurf Soil	5	X	X	X	X	X						21
✓ PMP-10SE-VD		1045													22
✓ PMP-10SE-WT		1050													23
✓ PMP-10SE-SI		1055													24
✓ PMP-10SE-SD		1100													~~26~~ 25
✓ PMP-13SE-VD		1110													~~27~~ 26
✓ PMP-13SE-WT		1115													~~28~~ 27
✓ PMP-13SE-SI		1120													~~29~~ 28
✓ PMP-13SE-SD		1125													~~30~~ 29
✓ PMP-15SE-VD	↓	1145	↓	↓	↓	↓	↓	↓	↓						30
				Soil:	1,G,I	1	1	1	1						
				Water:											

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other Methanol, 7 = Other DI

Special Instructions

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	Antea Group	9/13/13 1617	1) Hall 1617 TA	9/13/13
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), Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): Carla Nascimento
Company: Antea Group
Address: 1031 U.S. Highway 22 Suite 100
City: Bridgewater State: NJ
Phone: 908-547-3834 Fax:

Samplers Name (Printed): Bill Rivany, Chris Gorski, Jared Levine
P. O. #: 8E08 12485P Phase 0007

Analysis Turnaround Time: Standard ☑
Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐

Site/Project Identification: Former McCandless Fuels Site
State (Location of site): NJ: ☑ NY: ☐ Other:
Regulatory Program: SRP

LAB USE ONLY
Project No:
Job No: 62993

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	8260B VOC+10	8270C BNA+15	8082 PCBs	Chloride	OQA-QAM TPH							Sample Numbers
PMP-15SE-WT	9/13/13	1156	Subsurface Soil	5	X	X	X	X	X							~~32~~ 31
PMP-15SE-SI	↓	1155	↓	↓	↓	↓	↓	↓	↓							~~33~~ 32
PMP-15SE-SD	↓	1200	↓	↓	↓	↓	↓	↓	↓							~~34~~ 33
PMP-31SE-VS	↓	1245	↓	↓	↓	↓	↓	↓	↓							~~35~~ 34
PMP-31SE-VD	↓	1250	↓	↓	↓	↓	↓	↓	↓							~~36~~ 35
PMP-31SE-WT	↓	1255	↓	↓	↓	↓	↓	↓	↓							~~37~~ 36
PMP-32SE-VS	↓	1230	↓	↓	↓	↓	↓	↓	↓							~~38~~ 37
PMP-32SE-VD	↓	1235	↓	↓	↓	↓	↓	↓	↓							~~39~~ 38
PMP-32SE-WT	↓	1240	↓	↓	↓	↓	↓	↓	↓							~~40~~ 39
DUP_091313	↓	—	↓	↓	↓	↓	↓	↓	↓							40
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH; 6 = Other Methanol, 7 = Other DI				Soil:	1,6,7	1	1	1	1							
				Water:												

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
[signature]	Antea Group	9/13/13 1617	1) [signature] 9/13/13 1617 TA	
2)			2)	
3)			3)	
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). Massachusetts (M-NJ312), North Carolina (No. 578)

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 5 of 5

Name (for report and invoice): Carla Nascimento
Company: Antea Group
Address: 1031 U.S. Highway 22 Suite 100
City: Bridgewater State: NJ
Phone: 908-547-3834 Fax:

Samplers Name (Printed): Chris Gorski, Bill Rosguy, Jared Lewis
P. O. #: 8EO8124889P Phase 0007

Site/Project Identification: Former McCandless Fuels Site
State (Location of site): NJ: ☑ NY: ☐ Other:
Regulatory Program: SRP

Analysis Turnaround Time
Standard ☑
Rush Chrages Authorized For:
2 Week ☐
1 Week ☐
Other ☐

LAB USE ONLY
Project No:
Job No:

ANALYSIS REQUESTED (ENTER 'X' BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of. Cont.	8260B VOC+10	8270C BNA+15	8082 PCBs	Chloride	OQA-QAM Total Petroleum Hy						Sample Numbers
DUP2-091313	9/13/13	—	Subsurf soil	5	X	X	X	X	X						~~42~~ 41
DUP3_091313	↓	—	↓	5	↓	↓	↓	↓	↓						~~43~~ 42
DUP3_091313	↓	—	↓	5	↓	↓	↓	↓	↓						~~44~~ 43
FB-091313	↓	1300	Blank	10	↓	↓	↓	↓	↓						~~45~~ 44
Trip Blank	↓	—	Blank	3	X										~~46~~ 45
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH				Soil:	1,6,7	1	1	1	1						
6 = Other Methanol, 7 = Other DI				Water:	1,2	1	1	1	1,2						

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
[signature]	Antea Group	9/13/13 1617	1) C. Hall 9/13/13 1617	TA
2)			2)	
3)			3)	
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132), Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

TestAmerica Edison Receipt Temperature and pH Log

Job Number: 62993

Number of Coolers: 2 IR Gun # #5

Temp. Cooler #1 (Deg C) (Raw/Corrected) 0.3/0.9 Temp. Cooler #4 (Deg C) (Raw/Corrected) _____ Temp. Cooler #7 (Deg C) (Raw/Corrected) _____

Temp. Cooler #2 (Deg C) (Raw/Corrected) 1.3/1.9 Temp. Cooler #5 (Deg C) (Raw/Corrected) _____ Temp. Cooler #8 (Deg C) (Raw/Corrected) _____

Temp. Cooler #3 (Deg C) (Raw/Corrected) _____ Temp. Cooler #6 (Deg C) (Raw/Corrected) _____ Temp. Cooler #9 (Deg C) (Raw/Corrected) _____

Sample No.	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	*Metals (pH<2)	Pest (pH 5-9)	PHC (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other
44						L2							

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative: _____ Expiration Date: _____

Project Manager and the Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 3, 10/8/12

Initials: _____ Date: 9/14/13

09/24/2013

Page 3609 of 3610

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 460-62993-1

Login Number: 62993

List Source: TestAmerica Edison

List Number: 1

Creator: Hall, Alonzo

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
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	0.9,1.9°C IR #5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.