TestAmerica
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ANALYTICAL REPORT

Job Number: 460-62968-1

Job Description: Former McCandless Fuels Site

For:
Antea USA, Inc.
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Attention: Ms. Carla Nascimento

Approved for release.
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9/25/2013 9:20 AM

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09/25/2013

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CASE NARRATIVE

Client: Antea USA, Inc.

Project: Former McCandless Fuels Site

Report Number: 460-62968-1

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 3:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 0.8º C, 0.9º C, 1.9º C and 3.0º C.

Except:

One containers for the following sample(s) was received broken PMP-24SE-WT

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 460-62968-40 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 460-62968-1 through 460-62968-39 were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082. The samples were prepared on 09/16/2013 and analyzed on 09/16/2013 and 09/17/2013.

Due to the high concentration of Aroclor-1242, the matrix spike / matrix spike duplicate (MS/MSD) for batch 181446 could not be evaluated for accuracy and precision for Aroclor-1016. The associated laboratory control sample (LCS) met acceptance criteria.

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 460-62968-12. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62968-15. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62968-21. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62968-26. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62968-27. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62968-28. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62968-29. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62968-30. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62968-32. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62968-33. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62968-4. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62968-6. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62968-9. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62968-21MS. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-62968-21MSD. Refer to the QC report for details.

Aroclor 1016 and Aroclor 1260 failed the recovery criteria high for the MS of sample 460-62968-21 in batch 460-181549.

Aroclor 1016 and Aroclor 1260 failed the recovery criteria high for the MSD of sample 460-62968-21 in batch 460-182277.

Refer to the QC report for details.

The following sample(s) was diluted due to abundance of target analytes: 460-62968-4, 460-62968-6, 460-62968-9, 460-62968-12, 460-62968-15, 460-62968-26, 460-62968-27, 460-62968-28, 460-62968-29, 460-62968-30, 460-62968-32, 460-62968-33. As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: 460-62968-18. Elevated reporting limits (RLs) are provided.

The following sample(s) was diluted due to abundance of target analytes: 460-62968-21. As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

Samples 460-62968-4(10X), 460-62968-6(10X), 460-62968-9(20X), 460-62968-12(10X), 460-62968-15(20X), 460-62968-18(5X), 460-62968-21(10X), 460-62968-26(25X), 460-62968-27(500X), 460-62968-28(1000X), 460-62968-29(1000X), 460-62968-30(100X), 460-62968-32(200X) and 460-62968-33(10X) 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 460-62968-40 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 460-62968-1 through 460-62968-39 and 460-62968-41 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 09/18/2013, 09/19/2013, 09/20/2013 and 09/21/2013.

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.

The continuing calibration verification (CCV) for analytical batch 182082 recovered outside control limits for 1,2-Dichloropropane. This analyte was not detected in the associated sample. The data has been qualified and reported.

The laboratory control sample duplicate (LCSD) for batch 182221 recovered outside control limits for the following analytes: 2-Butanone. This analyte was biased high in the LCSD and within control limits in LCS, the data have been flagged and reported.

Internal standard recovery for the following sample was outside control limits: 460-62968-4. Re-analysis was performed with concurring results in batch 182221. The original analysis has been reported.

The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for batch 182028 recovered outside control limits for the following analytes: Acetone and 2-Butanone. 2-Butanone was biased high in the (LCS), the data has been flagged and reported.

Method(s) 8260B: Surrogate recovery for the following sample was outside control limits: 460-62968-12. Re-analysis was performed with concurring results in batch 182095. The original analysis has been reported.

Method(s) 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range and due to the abundance of non-target analytes: 460-62968-18. Elevated reporting limits (RLs) are provided.

Method(s) 8260B: 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: 460-62968-19, 460-62968-32. Elevated reporting limits (RLs) are provided.

Method(s) 8260B: 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.

Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 182467 recovered outside control limits for the following analytes: 1,2-Dichloropropane and 1,1,2,2-Tetrachloroethane. These analytes were not detected in the associated samples; therefore, the data have been flagged and reported.

Methylene Chloride was detected in method blank MB 460-181887/6 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. Refer to the QC report for details.

Refer to the QC report for details.

Method(s) 8260B: The following sample was diluted due to the abundance of non-target analytes: 460-62968-12. Elevated reporting limits (RLs) are provided.

Method(s) 8260B: 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: 460-62968-9, 460-62968-26, 460-62968-27, 460-62968-29, 460-62968-30, 460-62968-33. 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 460-62968-40 was analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 09/18/2013.

The matrix spike (MS) recoveries for batch 182051 were outside control limits for Carbon Tetrachloride, 1,2-Dichloroethane, 1,2-Dibromo-3-Chloropropane and MTBE. The associated laboratory control sample (LCS) recovery met acceptance criteria, except for Carbon Tetrachloride. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

The laboratory control sample (LCS) for batch 182051 recovered outside control limits for the following analytes: Carbon Tetrachloride. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) for Chloromethane associated with batch 182051 recovered outside control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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 460-62968-1 through 460-62968-39 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 09/15/2013 and 09/16/2013 and analyzed on 09/15/2013, 09/16/2013, 09/19/2013, 09/20/2013 and 09/23/2013.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 181497 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 181416 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 181498 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The following sample(s) contained one acid and/or one base surrogate outside acceptance limits: 460-62968-26. The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Sample 460-62968-15 contains n-Octadecane above the calibration, however this compound was not requested analyte, therefore further dilution was not performed.

2-Fluorobiphenyl failed the surrogate recovery criteria low for 460-62968-26. 2,4,6-Tribromophenol, 2-Fluorobiphenyl, 2-Fluorophenol,

Nitrobenzene-d5, Phenol-d5 and Terphenyl-d14 failed the surrogate recovery criteria low for 460-62968-29. 2,4,6-Tribromophenol, 2-Fluorobiphenyl, 2-Fluorophenol, Nitrobenzene-d5, Phenol-d5 and Terphenyl-d14 failed the surrogate recovery criteria low for 460-62968-32.

Refer to the QC report for details.

The following sample(s) was diluted due to the nature of the sample matrix and abundance of target analytes and abundance of non-target analytes: 460-62968-29. As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

Samples 460-62968-4(5X), 460-62968-9(5X), 460-62968-27(10X), 460-62968-28(5X), 460-62968-29(10X), 460-62968-31(5X), 460-62968-32(10X) and 460-62968-33(5X) 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 460-62968-40 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 09/18/2013.

The laboratory control sample (LCS) and / or the laboratory control sample duplicate (LCSD) for batch 181657 recovered outside control limits for the following analytes: 2-Nitroaniline, 3-Nitroaniline, 4,6-Dinitro-2-methylphenol, Benzo(a)pyrene, Caprolactam, Pentachlorophenol and Hexachlorobenzene.
There was insufficient sample to perform a re-extraction or re-analysis; therefore, the data have been reported.

The following sample(s) contained one acid and/or one base surrogate outside acceptance limits: LCSD 460-181657/3-A. 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.

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 460-62968-1 through 460-62968-39 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 460-62968-1 through 460-62968-39 were analyzed for total petroleum hydrocarbons in accordance with NJ-OQA-QAM-025. The samples were prepared on 09/16/2013 and 09/18/2013 and analyzed on 09/17/2013, 09/18/2013 and 09/19/2013.

Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62968-12. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62968-15. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62968-18. Chlorobenzene failed the surrogate recovery criteria low for 460-62968-2. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62968-20. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62968-21. Chlorobenzene failed the surrogate recovery criteria low for 460-62968-22. Chlorobenzene failed the surrogate recovery criteria low for 460-62968-23. Chlorobenzene failed the surrogate recovery criteria low for 460-62968-24. Chlorobenzene failed the surrogate recovery criteria low for 460-62968-25. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62968-26. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62968-27. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62968-28. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62968-29. Chlorobenzene failed the surrogate recovery criteria low for 460-62968-3. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62968-30. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62968-31. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62968-32. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62968-33. Chlorobenzene failed the surrogate recovery criteria low for 460-62968-37. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62968-4. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62968-6. Chlorobenzene failed the surrogate recovery criteria low for 460-62968-7. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-62968-9.

Refer to the QC report for details.

Samples 460-62968-4(20X), 460-62968-6(10X), 460-62968-9(20X), 460-62968-12(10X), 460-62968-15(10X), 460-62968-18(10X), 460-62968-20(10X), 460-62968-21(50X), 460-62968-26(10X), 460-62968-27(50X), 460-62968-28(100X), 460-62968-29(20X) and 460-62968-32(20X) 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 460-62968-40 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.

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 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.

Due to the level of dilution required for the following sample(s), surrogate recoveries are not reported: 460-62968-4, 460-62968-6, 460-62968-9, 460-62968-12, 460-62968-15, 460-62968-18, 460-62968-20, 460-62968-21, 460-62968-26, 460-62968-27, 460-62968-28, 460-62968-29, 460-62968-32.

No difficulties were encountered during the QAM-025 analysis.

All quality control parameters were within the acceptance limits.

CHLORIDE

Samples 460-62968-1 through 460-62968-39 were analyzed for Chloride in accordance with D3987-85/SM 4500 Cl- E. The samples were leached on 09/16/2013, 09/17/2013 and 09/18/2013 and analyzed on 09/19/2013.

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: 460-62968-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-62968-1	PMP-27SE-VD	Solid	09/12/2013 0845	09/13/2013 1530
460-62968-2	PMP-27SE-WT	Solid	09/12/2013 0850	09/13/2013 1530
460-62968-3	PMP-27SE-SI	Solid	09/12/2013 0855	09/13/2013 1530
460-62968-4	PMP-27SE-SD	Solid	09/12/2013 0900	09/13/2013 1530
460-62968-5	PMP-19SE-VD	Solid	09/12/2013 0920	09/13/2013 1530
460-62968-6	PMP-19SE-WT	Solid	09/12/2013 0925	09/13/2013 1530
460-62968-7	PMP-19SE-SI	Solid	09/12/2013 0930	09/13/2013 1530
460-62968-8	PMP-26SE-VD	Solid	09/12/2013 1000	09/13/2013 1530
460-62968-9	PMP-26SE-WT	Solid	09/12/2013 1005	09/13/2013 1530
460-62968-10	PMP-26SE-SI	Solid	09/12/2013 1010	09/13/2013 1530
460-62968-11	PMP-18SE-VD	Solid	09/12/2013 1025	09/13/2013 1530
460-62968-12	PMP-18SE-WT	Solid	09/12/2013 1030	09/13/2013 1530
460-62968-13	PMP-18SE-SI	Solid	09/12/2013 1035	09/13/2013 1530
460-62968-14	PMP-17SE-VD	Solid	09/12/2013 1055	09/13/2013 1530
460-62968-15	PMP-17SE-WT	Solid	09/12/2013 1100	09/13/2013 1530
460-62968-16	PMP-17SE-SI	Solid	09/12/2013 1105	09/13/2013 1530
460-62968-17	PMP-16SE-VD	Solid	09/12/2013 1130	09/13/2013 1530
460-62968-18	PMP-16SE-WT	Solid	09/12/2013 1135	09/13/2013 1530
460-62968-19	PMP-16SE-SI	Solid	09/12/2013 1140	09/13/2013 1530
460-62968-20	PMP-28SE-VD	Solid	09/12/2013 1200	09/13/2013 1530
460-62968-21	PMP-28SE-WT	Solid	09/12/2013 1205	09/13/2013 1530
460-62968-22	PMP-28SE-SI	Solid	09/12/2013 1210	09/13/2013 1530
460-62968-23	PMP-28SE-SD	Solid	09/12/2013 1215	09/13/2013 1530
460-62968-24	PMP-9SE-VD	Solid	09/12/2013 1400	09/13/2013 1530
460-62968-25	PMP-9SE-WT	Solid	09/12/2013 1405	09/13/2013 1530
460-62968-26	PMP-9SE-SI	Solid	09/12/2013 1410	09/13/2013 1530
460-62968-27	PMP-24SE-VS	Solid	09/12/2013 1515	09/13/2013 1530
460-62968-28	PMP-24SE-VD	Solid	09/12/2013 1530	09/13/2013 1530
460-62968-29	PMP-24SE-WT	Solid	09/12/2013 1525	09/13/2013 1530
460-62968-30	PMP-24SE-SI	Solid	09/12/2013 1520	09/13/2013 1530
460-62968-31	PMP-2SE-VD	Solid	09/12/2013 1545	09/13/2013 1530
460-62968-32	PMP-2SE-WT	Solid	09/12/2013 1550	09/13/2013 1530
460-62968-33	PMP-2SE-SI	Solid	09/12/2013 1555	09/13/2013 1530
460-62968-34	PMP-22SE-VS	Solid	09/12/2013 1615	09/13/2013 1530
460-62968-35	PMP-22SE-VD	Solid	09/12/2013 1620	09/13/2013 1530
460-62968-36	PMP-22SE-WT	Solid	09/12/2013 1625	09/13/2013 1530
460-62968-37	PMP-23SE-VS	Solid	09/12/2013 1635	09/13/2013 1530
460-62968-38	PMP-23SE-VD	Solid	09/12/2013 1640	09/13/2013 1530
460-62968-39	PMP-23SE-WT	Solid	09/12/2013 1645	09/13/2013 1530
460-62968-40	FB-091213	Water	09/12/2013 0710	09/13/2013 1530
460-62968-41TB	Trip Blank	Solid	09/12/2013 1645	09/13/2013 1530

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62968-1	**PMP-27SE-VD**					
1,4-Dichlorobenzene		0.37	J	0.84	ug/Kg	8260B
Aroclor 1248		310		69	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		19		5.7	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		3.7		1.0	%	Moisture
Percent Solids		96.3		1.0	%	Moisture
460-62968-2	**PMP-27SE-WT**					
Methylene Chloride		0.58	J B	0.94	ug/Kg	8260B
Carbon disulfide		0.88	J	0.94	ug/Kg	8260B
Chloroform		6.2		0.94	ug/Kg	8260B
1,4-Dichlorobenzene		0.62	J	0.94	ug/Kg	8260B
1,2,4-Trichlorobenzene		1.5		0.94	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		8.4		6.3	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.5		1.0	%	Moisture
Percent Solids		86.5		1.0	%	Moisture
460-62968-3	**PMP-27SE-SI**					
Acetone		6.5		5.2	ug/Kg	8260B
Carbon disulfide		1.2		1.0	ug/Kg	8260B
1,4-Dichlorobenzene		0.86	J	1.0	ug/Kg	8260B
1,2,4-Trichlorobenzene		4.3		1.0	ug/Kg	8260B
Tetrachloroethene		0.35	J	1.0	ug/Kg	8260B
Aroclor 1242		130		78	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		20		6.4	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.7		1.0	%	Moisture
Percent Solids		86.3		1.0	%	Moisture
460-62968-4	**PMP-27SE-SD**					
Acetone		45	*	4.5	ug/Kg	8260B
Benzene		0.39	J	0.90	ug/Kg	8260B
Bromoform		4.5		0.90	ug/Kg	8260B
Toluene		0.36	J	0.90	ug/Kg	8260B
1,4-Dichlorobenzene		2.1		0.90	ug/Kg	8260B
1,2,4-Trichlorobenzene		100		0.90	ug/Kg	8260B
Tetrachloroethene		5.4		0.90	ug/Kg	8260B
Pyrene		300	J	1700	ug/Kg	8270C
Aroclor 1242		13000		710	ug/Kg	8082
Aroclor 1260		1700		710	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		3500		120	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.4		1.0	%	Moisture
Percent Solids		94.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62968-5	**PMP-19SE-VD**					
Acetone		28		4.1	ug/Kg	8260B
Carbon disulfide		4.1		0.82	ug/Kg	8260B
Chloroform		6.9		0.82	ug/Kg	8260B
Isopropylbenzene		0.091	J	0.82	ug/Kg	8260B
1,4-Dichlorobenzene		0.65	J	0.82	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.44	J	0.82	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.21	J	0.82	ug/Kg	8260B
Xylenes, Total		0.88	J	2.5	ug/Kg	8260B
Di-n-butyl phthalate		50	J	350	ug/Kg	8270C
Total Petroleum Hydrocarbons (C8-C40)		8.5		5.9	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.2		1.0	%	Moisture
Percent Solids		93.8		1.0	%	Moisture
460-62968-6	**PMP-19SE-WT**					
Chloroform		64	J	97	ug/Kg	8260B
Styrene		58	J	97	ug/Kg	8260B
Chlorobenzene		37	J	97	ug/Kg	8260B
Isopropylbenzene		26	J	97	ug/Kg	8260B
Trichloroethene		12	J	97	ug/Kg	8260B
Toluene		31	J	97	ug/Kg	8260B
1,4-Dichlorobenzene		460		97	ug/Kg	8260B
1,2,4-Trichlorobenzene		600		97	ug/Kg	8260B
Methylcyclohexane		290	*	97	ug/Kg	8260B
Tetrachloroethene		13	J	97	ug/Kg	8260B
Xylenes, Total		2100		290	ug/Kg	8260B
Fluorene		360	J	380	ug/Kg	8270C
Phenanthrene		1200		380	ug/Kg	8270C
Pyrene		300	J	380	ug/Kg	8270C
Aroclor 1242		11000		770	ug/Kg	8082
Aroclor 1260		730	J	770	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1700		63	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.0		1.0	%	Moisture
Percent Solids		87.0		1.0	%	Moisture
460-62968-7	**PMP-19SE-SI**					
1,4-Dichlorobenzene		2.9		1.1	ug/Kg	8260B
1,2,4-Trichlorobenzene		5.5		1.1	ug/Kg	8260B
1,2,3-Trichlorobenzene		1.9		1.1	ug/Kg	8260B
Percent Moisture		13.4		1.0	%	Moisture
Percent Solids		86.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62968-8	**PMP-26SE-VD**					
1,4-Dichlorobenzene		0.62	J	0.91	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		9.3		5.9	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		7.0		1.0	%	Moisture
Percent Solids		93.0		1.0	%	Moisture
460-62968-9	**PMP-26SE-WT**					
1,2,4-Trichlorobenzene		5200		90	ug/Kg	8260B
1,2,3-Trichlorobenzene		3500		90	ug/Kg	8260B
Tetrachloroethene		18	J	90	ug/Kg	8260B
Aroclor 1248		21000		1500	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2800		120	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		11.7		1.0	%	Moisture
Percent Solids		88.3		1.0	%	Moisture
ASTM Leach						
Chloride-ASTM Leach		943		100	mg/Kg	SM 4500 Cl- E
460-62968-10	**PMP-26SE-SI**					
Carbon disulfide		0.36	J	0.98	ug/Kg	8260B
Chloroform		8.2		0.98	ug/Kg	8260B
1,4-Dichlorobenzene		0.83	J	0.98	ug/Kg	8260B
Bromodichloromethane		0.94	J	0.98	ug/Kg	8260B
Di-n-butyl phthalate		63	J	390	ug/Kg	8270C
Percent Moisture		16.4		1.0	%	Moisture
Percent Solids		83.6		1.0	%	Moisture
460-62968-11	**PMP-18SE-VD**					
1,4-Dichlorobenzene		0.51	J	0.81	ug/Kg	8260B
Di-n-butyl phthalate		87	J	350	ug/Kg	8270C
Aroclor 1248		270		71	ug/Kg	8082
Aroclor 1260		51	J	71	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		77		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.7		1.0	%	Moisture
Percent Solids		94.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62968-12	**PMP-18SE-WT**					
Chloroform		37	J	190	ug/Kg	8260B
Methylcyclohexane		52	J	190	ug/Kg	8260B
Pyrene		240	J	380	ug/Kg	8270C
Aroclor 1242		11000		770	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1400		64	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.6		1.0	%	Moisture
Percent Solids		86.4		1.0	%	Moisture
460-62968-13	**PMP-18SE-SI**					
Carbon disulfide		6.8		0.93	ug/Kg	8260B
Chloroform		9.1		0.93	ug/Kg	8260B
Ethylbenzene		10		0.93	ug/Kg	8260B
Cyclohexane		0.99		0.93	ug/Kg	8260B
Isopropylbenzene		2.0		0.93	ug/Kg	8260B
1,2-Dichlorobenzene		0.38	J	0.93	ug/Kg	8260B
1,3-Dichlorobenzene		0.29	J	0.93	ug/Kg	8260B
1,4-Dichlorobenzene		2.4		0.93	ug/Kg	8260B
1,2,4-Trichlorobenzene		1.1		0.93	ug/Kg	8260B
Methylcyclohexane		2.8		0.93	ug/Kg	8260B
Xylenes, Total		30		2.8	ug/Kg	8260B
Bromodichloromethane		1.1		0.93	ug/Kg	8260B
Di-n-butyl phthalate		55	J	380	ug/Kg	8270C
Aroclor 1242		120		78	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		88		6.4	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		14.3		1.0	%	Moisture
Percent Solids		85.7		1.0	%	Moisture
460-62968-14	**PMP-17SE-VD**					
1,4-Dichlorobenzene		0.90		0.85	ug/Kg	8260B
1,2,4-Trichlorobenzene		1.3		0.85	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.56	J	0.85	ug/Kg	8260B
Di-n-butyl phthalate		250	J	350	ug/Kg	8270C
Total Petroleum Hydrocarbons (C8-C40)		64		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.9		1.0	%	Moisture
Percent Solids		95.1		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62968-15	**PMP-17SE-WT**					
Methylene Chloride		0.72	J	1.0	ug/Kg	8260B
Acetone		120		5.2	ug/Kg	8260B
Carbon disulfide		1.2		1.0	ug/Kg	8260B
Chloroform		3.8		1.0	ug/Kg	8260B
2-Butanone		24	*	5.2	ug/Kg	8260B
Cyclohexane		1.3		1.0	ug/Kg	8260B
Isopropylbenzene		1.1		1.0	ug/Kg	8260B
Trichloroethene		0.72	J	1.0	ug/Kg	8260B
Toluene		0.89	J	1.0	ug/Kg	8260B
1,2-Dichlorobenzene		1.7		1.0	ug/Kg	8260B
1,3-Dichlorobenzene		0.75	J	1.0	ug/Kg	8260B
1,4-Dichlorobenzene		4.7		1.0	ug/Kg	8260B
1,2,4-Trichlorobenzene		120		1.0	ug/Kg	8260B
1,2,3-Trichlorobenzene		47		1.0	ug/Kg	8260B
Methylcyclohexane		8.4		1.0	ug/Kg	8260B
Tetrachloroethene		11		1.0	ug/Kg	8260B
Xylenes, Total		3.7		3.1	ug/Kg	8260B
Fluorene		94	J	380	ug/Kg	8270C
Di-n-butyl phthalate		200	J	380	ug/Kg	8270C
Pyrene		180	J	380	ug/Kg	8270C
Aroclor 1242		21000		1600	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1300		64	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.9		1.0	%	Moisture
Percent Solids		86.1		1.0	%	Moisture
460-62968-16	**PMP-17SE-SI**					
Methylene Chloride		0.51	J	0.97	ug/Kg	8260B
Acetone		28		4.8	ug/Kg	8260B
Carbon disulfide		1.6		0.97	ug/Kg	8260B
Chloroform		3.9		0.97	ug/Kg	8260B
Toluene		0.53	J	0.97	ug/Kg	8260B
1,2-Dichlorobenzene		0.13	J	0.97	ug/Kg	8260B
1,4-Dichlorobenzene		0.96	J	0.97	ug/Kg	8260B
1,2,4-Trichlorobenzene		2.2		0.97	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.97		0.97	ug/Kg	8260B
Methylcyclohexane		0.24	J	0.97	ug/Kg	8260B
Tetrachloroethene		0.50	J	0.97	ug/Kg	8260B
Aroclor 1242		70	J	79	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		7.8		6.5	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		15.2		1.0	%	Moisture
Percent Solids		84.8		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62968-17	**PMP-16SE-VD**					
1,4-Dichlorobenzene		0.44	J	0.85	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		49		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.5		1.0	%	Moisture
Percent Solids		94.5		1.0	%	Moisture
460-62968-18	**PMP-16SE-WT**					
1,3-Dichlorobenzene		73	J	100	ug/Kg	8260B
1,4-Dichlorobenzene		440		100	ug/Kg	8260B
Methylcyclohexane		910	*	100	ug/Kg	8260B
Di-n-butyl phthalate		270	J	380	ug/Kg	8270C
Pyrene		190	J	380	ug/Kg	8270C
Aroclor 1242		3900		390	ug/Kg	8082
Aroclor 1260		520		390	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		680		64	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.9		1.0	%	Moisture
Percent Solids		86.1		1.0	%	Moisture
460-62968-19	**PMP-16SE-SI**					
Ethylbenzene		300		96	ug/Kg	8260B
Isopropylbenzene		94	J	96	ug/Kg	8260B
1,2,4-Trichlorobenzene		710		96	ug/Kg	8260B
1,2,3-Trichlorobenzene		2700		96	ug/Kg	8260B
Methylcyclohexane		170		96	ug/Kg	8260B
Xylenes, Total		130	J	290	ug/Kg	8260B
Di-n-butyl phthalate		240	J	380	ug/Kg	8270C
Phenanthrene		52	J	380	ug/Kg	8270C
Aroclor 1242		310		78	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		62		6.4	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: 460-62968-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62968-20	**PMP-28SE-VD**					
Chloroform		8.5		0.93	ug/Kg	8260B
Trichloroethene		0.28	J	0.93	ug/Kg	8260B
1,3-Dichlorobenzene		4.2		0.93	ug/Kg	8260B
1,4-Dichlorobenzene		10		0.93	ug/Kg	8260B
1,2,4-Trichlorobenzene		380		0.93	ug/Kg	8260B
1,2,3-Trichlorobenzene		110		0.93	ug/Kg	8260B
Tetrachloroethene		0.64	J	0.93	ug/Kg	8260B
Di-n-butyl phthalate		130	J	350	ug/Kg	8270C
Aroclor 1248		1000		71	ug/Kg	8082
Aroclor 1260		210		71	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1400		58	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.8		1.0	%	Moisture
Percent Solids		94.2		1.0	%	Moisture
460-62968-21	**PMP-28SE-WT**					
Acetone		160	*	5.2	ug/Kg	8260B
Carbon disulfide		1.4		1.0	ug/Kg	8260B
2-Butanone		31	*	5.2	ug/Kg	8260B
Cyclohexane		0.62	J	1.0	ug/Kg	8260B
Trichloroethene		2.9		1.0	ug/Kg	8260B
Toluene		0.65	J	1.0	ug/Kg	8260B
1,2-Dichlorobenzene		0.69	J	1.0	ug/Kg	8260B
1,3-Dichlorobenzene		1.0		1.0	ug/Kg	8260B
1,4-Dichlorobenzene		4.6		1.0	ug/Kg	8260B
1,2,4-Trichlorobenzene		200		1.0	ug/Kg	8260B
1,2,3-Trichlorobenzene		66		1.0	ug/Kg	8260B
Methylcyclohexane		0.74	J	1.0	ug/Kg	8260B
Tetrachloroethene		9.3		1.0	ug/Kg	8260B
Xylenes, Total		1.5	J	3.1	ug/Kg	8260B
Di-n-butyl phthalate		120	J	380	ug/Kg	8270C
Pyrene		150	J	380	ug/Kg	8270C
Aroclor 1242		11000		780	ug/Kg	8082
Aroclor 1260		2800		780	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		4900		320	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.8		1.0	%	Moisture
Percent Solids		86.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62968-22	**PMP-28SE-SI**					
Methylene Chloride		0.79	J	1.3	ug/Kg	8260B
Acetone		57	*	6.5	ug/Kg	8260B
Carbon disulfide		20		1.3	ug/Kg	8260B
Trichloroethene		1.2	J	1.3	ug/Kg	8260B
1,4-Dichlorobenzene		0.95	J	1.3	ug/Kg	8260B
1,2,4-Trichlorobenzene		42		1.3	ug/Kg	8260B
1,2,3-Trichlorobenzene		21		1.3	ug/Kg	8260B
Methylcyclohexane		1.0	J	1.3	ug/Kg	8260B
Tetrachloroethene		0.62	J	1.3	ug/Kg	8260B
Xylenes, Total		2.3	J	3.9	ug/Kg	8260B
Di-n-butyl phthalate		190	J	390	ug/Kg	8270C
Aroclor 1242		290		78	ug/Kg	8082
Aroclor 1260		37	J	78	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		39		6.4	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		14.4		1.0	%	Moisture
Percent Solids		85.6		1.0	%	Moisture
460-62968-23	**PMP-28SE-SD**					
Carbon disulfide		2.4		1.0	ug/Kg	8260B
Chloroform		1.6		1.0	ug/Kg	8260B
Ethylbenzene		0.33	J	1.0	ug/Kg	8260B
Isopropylbenzene		0.26	J	1.0	ug/Kg	8260B
1,4-Dichlorobenzene		0.46	J	1.0	ug/Kg	8260B
1,2,4-Trichlorobenzene		3.2		1.0	ug/Kg	8260B
1,2,3-Trichlorobenzene		1.7		1.0	ug/Kg	8260B
Xylenes, Total		0.85	J	3.1	ug/Kg	8260B
Aroclor 1242		79		75	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		8.0		6.2	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		11.2		1.0	%	Moisture
Percent Solids		88.8		1.0	%	Moisture
460-62968-24	**PMP-9SE-VD**					
1,4-Dichlorobenzene		0.75	J	0.84	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.22	J	0.84	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.44	J	0.84	ug/Kg	8260B
Percent Moisture		3.8		1.0	%	Moisture
Percent Solids		96.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62968-25	**PMP-9SE-WT**					
Methylene Chloride		0.52	J	0.94	ug/Kg	8260B
Carbon disulfide		0.83	J	0.94	ug/Kg	8260B
cis-1,2-Dichloroethene		0.38	J	0.94	ug/Kg	8260B
Chloroform		24		0.94	ug/Kg	8260B
1,4-Dichlorobenzene		0.58	J	0.94	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.57	J	0.94	ug/Kg	8260B
Bromodichloromethane		0.48	J	0.94	ug/Kg	8260B
Percent Moisture		13.9		1.0	%	Moisture
Percent Solids		86.1		1.0	%	Moisture
460-62968-26	**PMP-9SE-SI**					
1,2,4-Trichlorobenzene		1200		86	ug/Kg	8260B
Xylenes, Total		38	J	260	ug/Kg	8260B
Pyrene		120	J	350	ug/Kg	8270C
Aroclor 1242		29000		1800	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2200		58	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.5		1.0	%	Moisture
Percent Solids		94.5		1.0	%	Moisture
460-62968-27	**PMP-24SE-VS**					
cis-1,2-Dichloroethene		320		100	ug/Kg	8260B
Chloroform		180		100	ug/Kg	8260B
Benzene		12	J	100	ug/Kg	8260B
Ethylbenzene		74	J	100	ug/Kg	8260B
Chlorobenzene		330		100	ug/Kg	8260B
Isopropylbenzene		200		100	ug/Kg	8260B
Trichloroethene		5300		100	ug/Kg	8260B
Toluene		450		100	ug/Kg	8260B
1,2-Dichlorobenzene		540		100	ug/Kg	8260B
1,3-Dichlorobenzene		47	J	100	ug/Kg	8260B
1,4-Dichlorobenzene		280		100	ug/Kg	8260B
1,2,4-Trichlorobenzene		21000		100	ug/Kg	8260B
1,2,3-Trichlorobenzene		6300		100	ug/Kg	8260B
Methylcyclohexane		430		100	ug/Kg	8260B
Tetrachloroethene		840		100	ug/Kg	8260B
Xylenes, Total		3600		300	ug/Kg	8260B
2-Methylnaphthalene		510	J	3500	ug/Kg	8270C
Diphenyl		990	J	3500	ug/Kg	8270C
Acenaphthene		2300	J	3500	ug/Kg	8270C
Aroclor 1242		300000		36000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		4200		290	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.3		1.0	%	Moisture
Percent Solids		93.7		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62968-28	**PMP-24SE-VD**					
Vinyl chloride		260	J	420	ug/Kg	8260B
cis-1,2-Dichloroethene		2600		420	ug/Kg	8260B
Chloroform		58	J	420	ug/Kg	8260B
1,1,1-Trichloroethane		300	J	420	ug/Kg	8260B
Benzene		58	J	420	ug/Kg	8260B
Styrene		4200		420	ug/Kg	8260B
Ethylbenzene		9100		420	ug/Kg	8260B
Chlorobenzene		2400		420	ug/Kg	8260B
Cyclohexane		210	J	420	ug/Kg	8260B
Isopropylbenzene		1300		420	ug/Kg	8260B
2-Hexanone		1700	J	2100	ug/Kg	8260B
Freon TF		3200		420	ug/Kg	8260B
Trichloroethene		130000		420	ug/Kg	8260B
Toluene		6200		420	ug/Kg	8260B
1,2-Dichlorobenzene		4000		420	ug/Kg	8260B
1,4-Dichlorobenzene		370	J	420	ug/Kg	8260B
1,2,4-Trichlorobenzene		18000		420	ug/Kg	8260B
1,2,3-Trichlorobenzene		3700		420	ug/Kg	8260B
Methylcyclohexane		1300	*	420	ug/Kg	8260B
Tetrachloroethene		8200		420	ug/Kg	8260B
Xylenes, Total		55000		1200	ug/Kg	8260B
Naphthalene		960	J	1800	ug/Kg	8270C
2-Methylnaphthalene		8800		1800	ug/Kg	8270C
Acenaphthene		950	J	1800	ug/Kg	8270C
Phenanthrene		1200	J	1800	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		850	J	1800	ug/Kg	8270C
Aroclor 1242		890000		75000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		8700		610	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		10.4		1.0	%	Moisture
Percent Solids		89.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62968-29	**PMP-24SE-WT**					
cis-1,2-Dichloroethene		98		91	ug/Kg	8260B
Chloroform		820		91	ug/Kg	8260B
Benzene		11	J	91	ug/Kg	8260B
Styrene		870		91	ug/Kg	8260B
Ethylbenzene		2700		91	ug/Kg	8260B
Chlorobenzene		570		91	ug/Kg	8260B
Isopropylbenzene		970		91	ug/Kg	8260B
Trichloroethene		2400		91	ug/Kg	8260B
Toluene		180		91	ug/Kg	8260B
1,2-Dichlorobenzene		3500		91	ug/Kg	8260B
1,4-Dichlorobenzene		380		91	ug/Kg	8260B
1,2,4-Trichlorobenzene		26000		91	ug/Kg	8260B
1,2,3-Trichlorobenzene		6500		91	ug/Kg	8260B
Methylcyclohexane		26	J	91	ug/Kg	8260B
Tetrachloroethene		120		91	ug/Kg	8260B
Xylenes, Total		21000		270	ug/Kg	8260B
4-Chloroaniline		2100	J D	3500	ug/Kg	8270C
2-Methylnaphthalene		4100	D	3500	ug/Kg	8270C
Diphenyl		690	J D	3500	ug/Kg	8270C
Fluorene		1400	J D	3500	ug/Kg	8270C
Aroclor 1242		1300000		71000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2900		120	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.9		1.0	%	Moisture
Percent Solids		94.1		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62968-30	**PMP-24SE-SI**					
Trichloroethene		32	J	99	ug/Kg	8260B
1,2,4-Trichlorobenzene		1500		99	ug/Kg	8260B
Tetrachloroethene		37	J	99	ug/Kg	8260B
Xylenes, Total		340		300	ug/Kg	8260B
Acenaphthene		210	J	390	ug/Kg	8270C
Fluoranthene		380	J	390	ug/Kg	8270C
Di-n-butyl phthalate		140	J	390	ug/Kg	8270C
Phenanthrene		130	J	390	ug/Kg	8270C
Pyrene		360	J	390	ug/Kg	8270C
Chrysene		220	J	390	ug/Kg	8270C
Benzo[k]fluoranthene		120		39	ug/Kg	8270C
Benzo[g,h,i]perylene		160	J	390	ug/Kg	8270C
Benzo[b]fluoranthene		290		39	ug/Kg	8270C
Benzo[a]pyrene		220		39	ug/Kg	8270C
Benzo[a]anthracene		200		39	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		150		39	ug/Kg	8270C
Dibenz(a,h)anthracene		41		39	ug/Kg	8270C
Aroclor 1242		100000		8000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		77		6.6	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		16.1		1.0	%	Moisture
Percent Solids		83.9		1.0	%	Moisture
460-62968-31	**PMP-2SE-VD**					
Acetone		6.2		3.9	ug/Kg	8260B
cis-1,2-Dichloroethene		0.60	J	0.79	ug/Kg	8260B
Chloroform		2.5		0.79	ug/Kg	8260B
Trichloroethene		2.7		0.79	ug/Kg	8260B
1,2-Dichlorobenzene		0.80		0.79	ug/Kg	8260B
1,3-Dichlorobenzene		6.8		0.79	ug/Kg	8260B
1,4-Dichlorobenzene		2.4		0.79	ug/Kg	8260B
1,2,4-Trichlorobenzene		15		0.79	ug/Kg	8260B
1,2,3-Trichlorobenzene		24		0.79	ug/Kg	8260B
Tetrachloroethene		0.43	J	0.79	ug/Kg	8260B
Aroclor 1242		440		70	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		120		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.8		1.0	%	Moisture
Percent Solids		95.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62968-32	**PMP-2SE-WT**					
Chloroform		21	J	81	ug/Kg	8260B
1,2-Dichlorobenzene		3100		81	ug/Kg	8260B
1,3-Dichlorobenzene		2100		81	ug/Kg	8260B
1,4-Dichlorobenzene		10000		81	ug/Kg	8260B
1,2,4-Trichlorobenzene		4600		81	ug/Kg	8260B
1,2,3-Trichlorobenzene		5600		81	ug/Kg	8260B
Fluorene		650	J	3500	ug/Kg	8270C
Pyrene		380	J	3500	ug/Kg	8270C
Aroclor 1242		140000		14000	ug/Kg	8082
Aroclor 1260		36000		14000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		3400		120	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.6		1.0	%	Moisture
Percent Solids		94.4		1.0	%	Moisture
460-62968-33	**PMP-2SE-SI**					
Chloroform		27	J	97	ug/Kg	8260B
Ethylbenzene		36	J	97	ug/Kg	8260B
Chlorobenzene		72	J	97	ug/Kg	8260B
Isopropylbenzene		99		97	ug/Kg	8260B
Trichloroethene		30	J	97	ug/Kg	8260B
Toluene		26	J	97	ug/Kg	8260B
1,2-Dichlorobenzene		2100		97	ug/Kg	8260B
1,3-Dichlorobenzene		1700		97	ug/Kg	8260B
1,4-Dichlorobenzene		5500		97	ug/Kg	8260B
1,2,4-Trichlorobenzene		4900		97	ug/Kg	8260B
1,2,3-Trichlorobenzene		4000		97	ug/Kg	8260B
Methylcyclohexane		120		97	ug/Kg	8260B
Tetrachloroethene		39	J	97	ug/Kg	8260B
Xylenes, Total		1100		290	ug/Kg	8260B
Fluorene		320	J	1900	ug/Kg	8270C
Phenanthrene		1300	J	1900	ug/Kg	8270C
Aroclor 1242		13000		780	ug/Kg	8082
Aroclor 1260		3100		780	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		120		6.4	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.8		1.0	%	Moisture
Percent Solids		86.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62968-34	**PMP-22SE-VS**					
Chloroform		2.5		0.98	ug/Kg	8260B
Benzene		0.17	J	0.98	ug/Kg	8260B
Trichloroethene		2.4		0.98	ug/Kg	8260B
Tetrachloroethene		0.58	J	0.98	ug/Kg	8260B
Aroclor 1242		320		71	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		16		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.2		1.0	%	Moisture
Percent Solids		94.8		1.0	%	Moisture
460-62968-35	**PMP-22SE-VD**					
1,4-Dichlorobenzene		0.30	J	0.89	ug/Kg	8260B
Di-n-butyl phthalate		74	J	340	ug/Kg	8270C
Aroclor 1242		220		69	ug/Kg	8082
Percent Moisture		3.4		1.0	%	Moisture
Percent Solids		96.6		1.0	%	Moisture
460-62968-36	**PMP-22SE-WT**					
Chloroform		0.47	J	0.84	ug/Kg	8260B
1,4-Dichlorobenzene		0.64	J	0.84	ug/Kg	8260B
Aroclor 1242		350		76	ug/Kg	8082
Percent Moisture		11.7		1.0	%	Moisture
Percent Solids		88.3		1.0	%	Moisture
460-62968-37	**PMP-23SE-VS**					
1,4-Dichlorobenzene		0.77	J	1.2	ug/Kg	8260B
Aroclor 1242		180		71	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		9.0		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.1		1.0	%	Moisture
Percent Solids		94.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-62968-38	**PMP-23SE-VD**					
Chloroform		4.1		0.95	ug/Kg	8260B
Trichloroethene		1.7		0.95	ug/Kg	8260B
1,4-Dichlorobenzene		0.19	J	0.95	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.38	J	0.95	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.29	J	0.95	ug/Kg	8260B
Tetrachloroethene		1.1		0.95	ug/Kg	8260B
Di-n-butyl phthalate		79	J	340	ug/Kg	8270C
Aroclor 1242		260		69	ug/Kg	8082
Percent Moisture		3.5		1.0	%	Moisture
Percent Solids		96.5		1.0	%	Moisture
ASTM Leach						
Chloride-ASTM Leach		61.0	J	99.9	mg/Kg	SM 4500 Cl- E
460-62968-39	**PMP-23SE-WT**					
1,4-Dichlorobenzene		0.56	J	0.91	ug/Kg	8260B
Di-n-butyl phthalate		190	J	350	ug/Kg	8270C
Aroclor 1242		280		70	ug/Kg	8082
Percent Moisture		4.6		1.0	%	Moisture
Percent Solids		95.4		1.0	%	Moisture
ASTM Leach						
Chloride-ASTM Leach		69.7	J	99.9	mg/Kg	SM 4500 Cl- E
460-62968-40	**FB-091213**					
Di-n-butyl phthalate		1.0	J	10	ug/L	8270C
460-62968-41TB	**TRIP BLANK**					
Methylene Chloride		0.54	J	1.0	ug/Kg	8260B
1,4-Dichlorobenzene		0.80	J	1.0	ug/Kg	8260B

METHOD SUMMARY

Client: Antea USA, Inc. Job Number: 460-62968-1

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: 460-62968-1

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	Asfaw, Abebaye A.	AAA
SW846 8270C	Crocco, Michael	MMC
SW846 8270C	Rana, Vidhi	VJR
SW846 8270C	Zhao, Chunxin	CAZ
SW846 8082	Dalangin, Catalina	CDC
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: 460-62968-1

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

Lab Sample ID: 460-62968-1 Date Sampled: 09/12/2013 0845
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363098.D
Dilution:	1.0			Initial Weight/Volume:	6.209 g
Analysis Date:	09/18/2013 1914			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1227				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.13	U	0.13	0.84
Bromomethane		0.36	U	0.36	0.84
Vinyl chloride		0.28	U	0.28	0.84
Chloroethane		0.28	U	0.28	0.84
Methylene Chloride		0.13	U	0.13	0.84
Acetone		1.4	U *	1.4	4.2
Carbon disulfide		0.13	U	0.13	0.84
Trichlorofluoromethane		0.13	U	0.13	0.84
1,1-Dichloroethene		0.16	U	0.16	0.84
1,1-Dichloroethane		0.092	U	0.092	0.84
trans-1,2-Dichloroethene		0.11	U	0.11	0.84
cis-1,2-Dichloroethene		0.092	U	0.092	0.84
Chloroform		0.20	U	0.20	0.84
2-Butanone		0.53	U *	0.53	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		0.23	U	0.23	0.84
Ethylbenzene		0.14	U	0.14	0.84
Chlorobenzene		0.15	U	0.15	0.84
Cyclohexane		0.11	U	0.11	0.84
Isopropylbenzene		0.092	U	0.092	0.84
2-Hexanone		0.11	U	0.11	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		0.37	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		0.084	U	0.084	0.84
Tetrachloroethene		0.10	U	0.10	0.84
Xylenes, Total		0.56	U	0.56	2.5
1,2-Dibromo-3-Chloropropane		0.37	U	0.37	0.84
1,1,2,2-Tetrachloroethane		0.075	U	0.075	0.84
1,1,2-Trichloroethane		0.12	U	0.12	0.84

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-1 Date Sampled: 09/12/2013 0845
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363098.D
Dilution:	1.0			Initial Weight/Volume:	6.209 g
Analysis Date:	09/18/2013 1914			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1227				

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)	109		70 - 130
Toluene-d8 (Surr)	102		70 - 130
Bromofluorobenzene	99		70 - 130
Dibromofluoromethane (Surr)	114		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-1 Date Sampled: 09/12/2013 0845
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363098.D
Dilution:	1.0			Initial Weight/Volume:	6.209 g
Analysis Date:	09/18/2013 1914			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1227				

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: 460-62968-1

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

Lab Sample ID: 460-62968-2 Date Sampled: 09/12/2013 0850
Client Matrix: Solid % Moisture: 13.5 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181887	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363084.D
Dilution:	1.0			Initial Weight/Volume:	6.174 g
Analysis Date:	09/18/2013 1204			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1228				

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		0.58	J B	0.14	0.94
Acetone		1.6	U	1.6	4.7
Carbon disulfide		0.88	J	0.14	0.94
Trichlorofluoromethane		0.15	U	0.15	0.94
1,1-Dichloroethene		0.18	U	0.18	0.94
1,1-Dichloroethane		0.10	U	0.10	0.94
trans-1,2-Dichloroethene		0.12	U	0.12	0.94
cis-1,2-Dichloroethene		0.10	U	0.10	0.94
Chloroform		6.2		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		0.62	J	0.10	0.94
1,2,4-Trichlorobenzene		1.5		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: 460-62968-1

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

Lab Sample ID: 460-62968-2 Date Sampled: 09/12/2013 0850
Client Matrix: Solid % Moisture: 13.5 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181887	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363084.D
Dilution:	1.0			Initial Weight/Volume:	6.174 g
Analysis Date:	09/18/2013 1204			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1228				

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)	114		70 - 130
Toluene-d8 (Surr)	102		70 - 130
Bromofluorobenzene	99		70 - 130
Dibromofluoromethane (Surr)	117		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-2 Date Sampled: 09/12/2013 0850
Client Matrix: Solid % Moisture: 13.5 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-181887	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363084.D
Dilution:	1.0			Initial Weight/Volume:	6.174 g
Analysis Date:	09/18/2013 1204			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1228				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1000152-47-3	trans-Decalin, 2-methyl-	10.26	16	J N
2958-75-0	1-Methyldecahydronaphthalene	10.40	20	J N
85318-94-1	trans-3a-Methylperhydroazulen-4(1H)-one	10.68	17	J N
1000158-89-0	Decalin, anti-1-methyl-, cis-	10.80	27	J N
	Unknown	11.34	29	J
	Unknown	11.72	17	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	11.92	18	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	12.32	25	J N
21693-55-0	Naphthalene, 1,2,3,4-tetrahydro-1,5,7-tr	12.46	23	J N
544-76-3	Hexadecane	12.61	35	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-3 Date Sampled: 09/12/2013 0855
Client Matrix: Solid % Moisture: 13.7 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363150.D
Dilution:	1.0			Initial Weight/Volume:	5.615 g
Analysis Date:	09/19/2013 1846			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1231				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.17	U	0.17	1.0
Bromomethane		0.44	U	0.44	1.0
Vinyl chloride		0.35	U	0.35	1.0
Chloroethane		0.34	U	0.34	1.0
Methylene Chloride		0.15	U	0.15	1.0
Acetone		6.5		1.7	5.2
Carbon disulfide		1.2		0.15	1.0
Trichlorofluoromethane		0.17	U	0.17	1.0
1,1-Dichloroethene		0.20	U	0.20	1.0
1,1-Dichloroethane		0.11	U	0.11	1.0
trans-1,2-Dichloroethene		0.13	U	0.13	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
Chloroform		0.25	U	0.25	1.0
2-Butanone		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		0.15	U	0.15	1.0
Benzene		0.15	U	0.15	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		0.11	U	0.11	1.0
Freon TF		0.11	U	0.11	1.0
Methyl acetate		0.33	U	0.33	1.0
1,4-Dioxane		13	U	13	21
Trichloroethene		0.12	U	0.12	1.0
Toluene		0.14	U	0.14	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		0.21	U	0.21	5.2
cis-1,3-Dichloropropene		0.14	U	0.14	1.0
1,2-Dichlorobenzene		0.10	U	0.10	1.0
1,3-Dichlorobenzene		0.17	U	0.17	1.0
1,4-Dichlorobenzene		0.86	J	0.11	1.0
1,2,4-Trichlorobenzene		4.3		0.20	1.0
1,2,3-Trichlorobenzene		0.17	U	0.17	1.0
1,2-Dichloropropane		0.15	U	0.15	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Tetrachloroethene		0.35	J	0.12	1.0
Xylenes, Total		0.69	U	0.69	3.1
1,2-Dibromo-3-Chloropropane		0.45	U	0.45	1.0
1,1,2,2-Tetrachloroethane		0.093	U	0.093	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-3 Date Sampled: 09/12/2013 0855
Client Matrix: Solid % Moisture: 13.7 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363150.D
Dilution:	1.0			Initial Weight/Volume:	5.615 g
Analysis Date:	09/19/2013 1846			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1231				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 130
Toluene-d8 (Surr)	98		70 - 130
Bromofluorobenzene	105		70 - 130
Dibromofluoromethane (Surr)	89		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-3 Date Sampled: 09/12/2013 0855
Client Matrix: Solid % Moisture: 13.7 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363150.D
Dilution:	1.0			Initial Weight/Volume:	5.615 g
Analysis Date:	09/19/2013 1846			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1231				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	10.68	60	J N
17301-23-4	Undecane, 2,6-dimethyl-	10.80	130	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	11.06	58	J N
13151-29-6	1-Decene, 4-methyl-	11.19	78	J N
629-50-5	Tridecane	11.33	75	J N
40650-41-7	1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	11.73	86	J N
3891-98-3	Dodecane, 2,6,10-trimethyl-	11.91	100	J N
629-59-4	Tetradecane	12.04	69	J N
475-03-6	Naphthalene, 1,2,3,4-tetrahydro-1,1,6-tr	12.46	65	J N
544-76-3	Hexadecane	12.60	170	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-4 Date Sampled: 09/12/2013 0900
Client Matrix: Solid % Moisture: 5.4 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363095.D
Dilution:	1.0			Initial Weight/Volume:	5.882 g
Analysis Date:	09/18/2013 1802			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1232				

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		0.13	U	0.13	0.90
Acetone		45	*	1.5	4.5
Carbon disulfide		0.13	U	0.13	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		0.22	U	0.22	0.90
2-Butanone		0.57	U *	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		0.13	U	0.13	0.90
Benzene		0.39	J	0.13	0.90
Bromoform		4.5		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		0.29	U	0.29	0.90
1,4-Dioxane		11	U	11	18
Trichloroethene		0.11	U	0.11	0.90
Toluene		0.36	J	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		2.1		0.099	0.90
1,2,4-Trichlorobenzene		100		0.17	0.90
1,2,3-Trichlorobenzene		0.14	U	0.14	0.90
1,2-Dichloropropane		0.13	U	0.13	0.90
Methylcyclohexane		0.090	U	0.090	0.90
Tetrachloroethene		5.4		0.11	0.90
Xylenes, Total		0.60	U	0.60	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: 460-62968-1

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

Lab Sample ID: 460-62968-4 Date Sampled: 09/12/2013 0900
Client Matrix: Solid % Moisture: 5.4 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363095.D
Dilution:	1.0			Initial Weight/Volume:	5.882 g
Analysis Date:	09/18/2013 1802			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1232				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.090	U	0.090	0.90
1,2-Dibromoethane		0.13	U	0.13	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)	120		70 - 130
Toluene-d8 (Surr)	124		70 - 130
Bromofluorobenzene	81		70 - 130
Dibromofluoromethane (Surr)	116		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-4 Date Sampled: 09/12/2013 0900
Client Matrix: Solid % Moisture: 5.4 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363095.D
Dilution:	1.0			Initial Weight/Volume:	5.882 g
Analysis Date:	09/18/2013 1802			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1232				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
281-23-2	Adamantane	10.06	190	J N
702-79-4	Adamantane, 1,3-dimethyl-	10.37	200	J N
1000152-47-3	trans-Decalin, 2-methyl-	10.65	150	J N
1008-80-6	Naphthalene, decahydro-2,3-dimethyl-	10.69	160	J N
66633-38-3	Cyclodecene, 1-methyl-	10.80	310	J N
88828-82-4	Cycloundecene, 1-methyl-	10.98	230	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	11.07	180	J N
2051-30-1	Octane, 2,6-dimethyl-	11.20	200	J N
	Unknown	11.45	160	J
	Unknown	11.72	270	J

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-5 Date Sampled: 09/12/2013 0920
Client Matrix: Solid % Moisture: 6.2 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363134.D
Dilution:	1.0			Initial Weight/Volume:	6.488 g
Analysis Date:	09/19/2013 1217			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1235				

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		28		1.4	4.1
Carbon disulfide		4.1		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		6.9		0.20	0.82
2-Butanone		0.52	U	0.52	4.1
1,2-Dichloroethane		0.15	U	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		0.091	J	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		0.099	U	0.099	0.82
Toluene		0.12	U	0.12	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		0.12	U	0.12	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		0.65	J	0.090	0.82
1,2,4-Trichlorobenzene		0.44	J	0.16	0.82
1,2,3-Trichlorobenzene		0.21	J	0.13	0.82
1,2-Dichloropropane		0.12	U	0.12	0.82
Methylcyclohexane		0.082	U	0.082	0.82
Tetrachloroethene		0.099	U	0.099	0.82
Xylenes, Total		0.88	J	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		0.12	U	0.12	0.82

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-5 Date Sampled: 09/12/2013 0920
Client Matrix: Solid % Moisture: 6.2 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363134.D
Dilution:	1.0			Initial Weight/Volume:	6.488 g
Analysis Date:	09/19/2013 1217			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1235				

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)	83		70 - 130
Toluene-d8 (Surr)	109		70 - 130
Bromofluorobenzene	105		70 - 130
Dibromofluoromethane (Surr)	92		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-5 Date Sampled: 09/12/2013 0920
Client Matrix: Solid % Moisture: 6.2 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363134.D
Dilution:	1.0			Initial Weight/Volume:	6.488 g
Analysis Date:	09/19/2013 1217			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1235				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
620-14-4	Benzene, 1-ethyl-3-methyl-	9.32	5.9	J N
526-73-8	Benzene, 1,2,3-trimethyl-	9.78	6.6	J N
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	9.95	8.4	J N
527-53-7	Benzene, 1,2,3,5-tetramethyl-	10.80	13	J N
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	11.06	8.0	J N
17057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethyl-	11.12	6.0	J N
3877-19-8	Naphthalene, 1,2,3,4-tetrahydro-2-methyl	11.33	9.8	J N
1559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-methyl	11.60	5.9	J N
90-12-0	Naphthalene, 1-methyl-	12.33	5.7	J N
582-16-1	Naphthalene, 2,7-dimethyl-	13.26	6.0	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-6 Date Sampled: 09/12/2013 0925
Client Matrix: Solid % Moisture: 13.0 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60682.D
Dilution:	50			Initial Weight/Volume:	5.897 g
Analysis Date:	09/19/2013 1744			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1131				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		9.4	U	9.4	97
Bromomethane		18	U	18	97
Vinyl chloride		14	U	14	97
Chloroethane		16	U	16	97
Methylene Chloride		18	U	18	97
Acetone		260	U	260	490
Carbon disulfide		12	U	12	97
Trichlorofluoromethane		14	U	14	97
1,1-Dichloroethene		8.6	U	8.6	97
1,1-Dichloroethane		13	U	13	97
trans-1,2-Dichloroethene		13	U	13	97
cis-1,2-Dichloroethene		17	U	17	97
Chloroform		64	J	7.7	97
2-Butanone		230	U	230	490
1,2-Dichloroethane		18	U	18	97
1,1,1-Trichloroethane		6.1	U	6.1	97
Carbon tetrachloride		5.6	U	5.6	97
Benzene		8.0	U	8.0	97
Bromoform		19	U	19	97
Styrene		58	J	12	97
Ethylbenzene		9.3	U	9.3	97
Chlorobenzene		37	J	11	97
Cyclohexane		15	U	15	97
Isopropylbenzene		26	J	7.5	97
2-Hexanone		49	U	49	490
MTBE		13	U	13	97
Freon TF		8.0	U	8.0	97
Methyl acetate		33	U	33	190
1,4-Dioxane		3500	U	3500	4900
Trichloroethene		12	J	9.0	97
Toluene		31	J	15	97
trans-1,3-Dichloropropene		24	U	24	97
4-Methyl-2-pentanone		96	U	96	490
cis-1,3-Dichloropropene		18	U	18	97
1,2-Dichlorobenzene		20	U	20	97
1,3-Dichlorobenzene		13	U	13	97
1,4-Dichlorobenzene		460		23	97
1,2,4-Trichlorobenzene		600		33	97
1,2,3-Trichlorobenzene		50	U	50	97
1,2-Dichloropropane		8.4	U	8.4	97
Methylcyclohexane		290	*	13	97
Tetrachloroethene		13	J	9.5	97
Xylenes, Total		2100		35	290
1,2-Dibromo-3-Chloropropane		39	U *	39	97
1,1,2,2-Tetrachloroethane		15	U	15	97
1,1,2-Trichloroethane		18	U	18	97

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-6 Date Sampled: 09/12/2013 0925
Client Matrix: Solid % Moisture: 13.0 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60682.D
Dilution:	50			Initial Weight/Volume:	5.897 g
Analysis Date:	09/19/2013 1744			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1131				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		19	U	19	97
1,2-Dibromoethane		27	U	27	97
Dichlorodifluoromethane		21	U	21	97
Bromochloromethane		27	U	27	97
Bromodichloromethane		12	U	12	97

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		75 - 135
Toluene-d8 (Surr)	79		59 - 150
Bromofluorobenzene	86		72 - 133
Dibromofluoromethane (Surr)	88		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-6 Date Sampled: 09/12/2013 0925
Client Matrix: Solid % Moisture: 13.0 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60682.D
Dilution:	50			Initial Weight/Volume:	5.897 g
Analysis Date:	09/19/2013 1744			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1131				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1678-92-8	Cyclohexane, propyl-	9.54	8700	J N
17301-94-9	Nonane, 4-methyl-	9.74	5800	J N
108-67-8	1,3,5-Trimethylbenzene	10.20	6200	
526-73-8	Benzene, 1,2,3-trimethyl-	10.85	23000	J N
105-05-5	p-Diethylbenzene	11.06	21000	
95-93-2	1,2,4,5-Tetramethylbenzene	11.67	8300	
76089-59-3	1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	11.71	4900	J N
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	12.03	8200	J N
4912-92-9	1H-Indene, 2,3-dihydro-1,1-dimethyl-	12.33	5500	J N
4175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethyl-	12.41	5700	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-7 Date Sampled: 09/12/2013 0930
Client Matrix: Solid % Moisture: 13.4 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363142.D
Dilution:	1.0			Initial Weight/Volume:	5.04 g
Analysis Date:	09/19/2013 1534			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1239				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.18	U	0.18	1.1
Bromomethane		0.49	U	0.49	1.1
Vinyl chloride		0.39	U	0.39	1.1
Chloroethane		0.38	U	0.38	1.1
Methylene Chloride		0.17	U	0.17	1.1
Acetone		1.9	U	1.9	5.7
Carbon disulfide		0.17	U	0.17	1.1
Trichlorofluoromethane		0.18	U	0.18	1.1
1,1-Dichloroethene		0.22	U	0.22	1.1
1,1-Dichloroethane		0.13	U	0.13	1.1
trans-1,2-Dichloroethene		0.15	U	0.15	1.1
cis-1,2-Dichloroethene		0.13	U	0.13	1.1
Chloroform		0.28	U	0.28	1.1
2-Butanone		0.72	U *	0.72	5.7
1,2-Dichloroethane		0.21	U	0.21	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		0.21	U	0.21	1.1
Cyclohexane		0.15	U	0.15	1.1
Isopropylbenzene		0.13	U	0.13	1.1
2-Hexanone		0.15	U	0.15	5.7
MTBE		0.13	U	0.13	1.1
Freon TF		0.13	U	0.13	1.1
Methyl acetate		0.37	U	0.37	1.1
1,4-Dioxane		15	U	15	23
Trichloroethene		0.14	U	0.14	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		0.23	U	0.23	5.7
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		2.9		0.13	1.1
1,2,4-Trichlorobenzene		5.5		0.22	1.1
1,2,3-Trichlorobenzene		1.9		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		0.77	U	0.77	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: 460-62968-1

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

Lab Sample ID: 460-62968-7 Date Sampled: 09/12/2013 0930
Client Matrix: Solid % Moisture: 13.4 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363142.D
Dilution:	1.0			Initial Weight/Volume:	5.04 g
Analysis Date:	09/19/2013 1534			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1239				

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		0.13	U	0.13	1.1
Bromodichloromethane		0.37	U	0.37	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 130
Toluene-d8 (Surr)	105		70 - 130
Bromofluorobenzene	103		70 - 130
Dibromofluoromethane (Surr)	94		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-7 Date Sampled: 09/12/2013 0930
Client Matrix: Solid % Moisture: 13.4 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363142.D
Dilution:	1.0			Initial Weight/Volume:	5.04 g
Analysis Date:	09/19/2013 1534			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1239				

Tentatively Identified Compounds **Number TIC's Found: 3**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	12.31	12	J N
634-66-2	Benzene, 1,2,3,4-tetrachloro-	12.83	8.8	J N
39546-80-0	Neopentylidenecyclohexane	13.20	8.0	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-8 Date Sampled: 09/12/2013 1000
Client Matrix: Solid % Moisture: 7.0 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363108.D
Dilution:	1.0			Initial Weight/Volume:	5.922 g
Analysis Date:	09/18/2013 2315			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1240				

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		0.62	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: 460-62968-1

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

Lab Sample ID: 460-62968-8 Date Sampled: 09/12/2013 1000
Client Matrix: Solid % Moisture: 7.0 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363108.D
Dilution:	1.0			Initial Weight/Volume:	5.922 g
Analysis Date:	09/18/2013 2315			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1240				

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)	102		70 - 130
Toluene-d8 (Surr)	97		70 - 130
Bromofluorobenzene	93		70 - 130
Dibromofluoromethane (Surr)	115		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-8 Date Sampled: 09/12/2013 1000
Client Matrix: Solid % Moisture: 7.0 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363108.D
Dilution:	1.0			Initial Weight/Volume:	5.922 g
Analysis Date:	09/18/2013 2315			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1240				

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: 460-62968-1

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

Lab Sample ID: 460-62968-9 Date Sampled: 09/12/2013 1005
Client Matrix: Solid % Moisture: 11.7 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60661.D
Dilution:	50			Initial Weight/Volume:	6.318 g
Analysis Date:	09/19/2013 0721			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1133				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		8.7	U	8.7	90
Bromomethane		16	U	16	90
Vinyl chloride		13	U	13	90
Chloroethane		15	U	15	90
Methylene Chloride		16	U	16	90
Acetone		240	U	240	450
Carbon disulfide		11	U	11	90
Trichlorofluoromethane		13	U	13	90
1,1-Dichloroethene		7.9	U	7.9	90
1,1-Dichloroethane		12	U	12	90
trans-1,2-Dichloroethene		12	U	12	90
cis-1,2-Dichloroethene		16	U	16	90
Chloroform		7.0	U	7.0	90
2-Butanone		210	U	210	450
1,2-Dichloroethane		17	U	17	90
1,1,1-Trichloroethane		5.6	U	5.6	90
Carbon tetrachloride		5.1	U	5.1	90
Benzene		7.4	U	7.4	90
Bromoform		17	U	17	90
Styrene		11	U	11	90
Ethylbenzene		8.6	U	8.6	90
Chlorobenzene		9.9	U	9.9	90
Cyclohexane		14	U	14	90
Isopropylbenzene		6.9	U	6.9	90
2-Hexanone		45	U	45	450
MTBE		12	U	12	90
Freon TF		7.4	U	7.4	90
Methyl acetate		30	U	30	450
1,4-Dioxane		3200	U	3200	4500
Trichloroethene		8.2	U	8.2	90
Toluene		13	U	13	90
trans-1,3-Dichloropropene		22	U	22	90
4-Methyl-2-pentanone		88	U	88	450
cis-1,3-Dichloropropene		16	U	16	90
1,2-Dichlorobenzene		18	U	18	90
1,3-Dichlorobenzene		12	U	12	90
1,4-Dichlorobenzene		21	U	21	90
1,2,4-Trichlorobenzene		5200		31	90
1,2,3-Trichlorobenzene		3500		46	90
1,2-Dichloropropane		7.7	U	7.7	90
Methylcyclohexane		12	U	12	90
Tetrachloroethene		18	J	8.7	90
Xylenes, Total		32	U	32	270
1,2-Dibromo-3-Chloropropane		36	U	36	90
1,1,2,2-Tetrachloroethane		14	U	14	90
1,1,2-Trichloroethane		17	U	17	90

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-9 Date Sampled: 09/12/2013 1005
Client Matrix: Solid % Moisture: 11.7 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60661.D
Dilution:	50			Initial Weight/Volume:	6.318 g
Analysis Date:	09/19/2013 0721			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1133				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		18	U	18	90
1,2-Dibromoethane		25	U	25	90
Dichlorodifluoromethane		19	U	19	90
Bromochloromethane		24	U	24	90
Bromodichloromethane		11	U	11	90

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		75 - 135
Toluene-d8 (Surr)	79		59 - 150
Bromofluorobenzene	88		72 - 133
Dibromofluoromethane (Surr)	83		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-9 Date Sampled: 09/12/2013 1005
Client Matrix: Solid % Moisture: 11.7 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60661.D
Dilution:	50			Initial Weight/Volume:	6.318 g
Analysis Date:	09/19/2013 0721			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1133				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
2958-75-0	1-Methyldecahydronaphthalene	11.71	8600	J N
	Unknown	12.01	4900	J
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	12.13	9900	J N
1008-80-6	Naphthalene, decahydro-2,3-dimethyl-	12.33	4500	J N
62108-25-2	Decane, 2,6,7-trimethyl-	12.48	8600	J N
629-50-5	Tridecane	12.71	4900	J N
5557-93-7	Benzene, 1-(1-methylethenyl)-2-(1-methyl	13.22	4700	J N
74645-98-0	Dodecane, 2,7,10-trimethyl-	13.40	4600	J N
91-57-6	Naphthalene, 2-methyl-	13.64	14000	J N
90-12-0	Naphthalene, 1-methyl-	13.84	6100	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-10 Date Sampled: 09/12/2013 1010
Client Matrix: Solid % Moisture: 16.4 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363099.D
Dilution:	1.0			Initial Weight/Volume:	6.101 g
Analysis Date:	09/18/2013 1939			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1244				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.16	U	0.16	0.98
Bromomethane		0.42	U	0.42	0.98
Vinyl chloride		0.33	U	0.33	0.98
Chloroethane		0.32	U	0.32	0.98
Methylene Chloride		0.15	U	0.15	0.98
Acetone		1.7	U *	1.7	4.9
Carbon disulfide		0.36	J	0.15	0.98
Trichlorofluoromethane		0.16	U	0.16	0.98
1,1-Dichloroethene		0.19	U	0.19	0.98
1,1-Dichloroethane		0.11	U	0.11	0.98
trans-1,2-Dichloroethene		0.13	U	0.13	0.98
cis-1,2-Dichloroethene		0.11	U	0.11	0.98
Chloroform		8.2		0.24	0.98
2-Butanone		0.62	U *	0.62	4.9
1,2-Dichloroethane		0.18	U	0.18	0.98
1,1,1-Trichloroethane		0.13	U	0.13	0.98
Carbon tetrachloride		0.15	U	0.15	0.98
Benzene		0.15	U	0.15	0.98
Bromoform		0.17	U	0.17	0.98
Styrene		0.27	U	0.27	0.98
Ethylbenzene		0.17	U	0.17	0.98
Chlorobenzene		0.18	U	0.18	0.98
Cyclohexane		0.13	U	0.13	0.98
Isopropylbenzene		0.11	U	0.11	0.98
2-Hexanone		0.13	U	0.13	4.9
MTBE		0.11	U	0.11	0.98
Freon TF		0.11	U	0.11	0.98
Methyl acetate		0.31	U	0.31	0.98
1,4-Dioxane		12	U	12	20
Trichloroethene		0.12	U	0.12	0.98
Toluene		0.14	U	0.14	0.98
trans-1,3-Dichloropropene		0.098	U	0.098	0.98
4-Methyl-2-pentanone		0.20	U	0.20	4.9
cis-1,3-Dichloropropene		0.14	U	0.14	0.98
1,2-Dichlorobenzene		0.098	U	0.098	0.98
1,3-Dichlorobenzene		0.16	U	0.16	0.98
1,4-Dichlorobenzene		0.83	J	0.11	0.98
1,2,4-Trichlorobenzene		0.19	U	0.19	0.98
1,2,3-Trichlorobenzene		0.16	U	0.16	0.98
1,2-Dichloropropane		0.15	U	0.15	0.98
Methylcyclohexane		0.098	U	0.098	0.98
Tetrachloroethene		0.12	U	0.12	0.98
Xylenes, Total		0.66	U	0.66	2.9
1,2-Dibromo-3-Chloropropane		0.43	U	0.43	0.98
1,1,2,2-Tetrachloroethane		0.088	U	0.088	0.98
1,1,2-Trichloroethane		0.14	U	0.14	0.98

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-10 Date Sampled: 09/12/2013 1010
Client Matrix: Solid % Moisture: 16.4 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363099.D
Dilution:	1.0			Initial Weight/Volume:	6.101 g
Analysis Date:	09/18/2013 1939			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1244				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.098	U	0.098	0.98
1,2-Dibromoethane		0.15	U	0.15	0.98
Dichlorodifluoromethane		0.22	U	0.22	0.98
Bromochloromethane		0.11	U	0.11	0.98
Bromodichloromethane		0.94	J	0.31	0.98

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 130
Toluene-d8 (Surr)	102		70 - 130
Bromofluorobenzene	95		70 - 130
Dibromofluoromethane (Surr)	109		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-10 Date Sampled: 09/12/2013 1010
Client Matrix: Solid % Moisture: 16.4 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363099.D
Dilution:	1.0			Initial Weight/Volume:	6.101 g
Analysis Date:	09/18/2013 1939			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1244				

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: 460-62968-1

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

Lab Sample ID: 460-62968-11 Date Sampled: 09/12/2013 1025
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363100.D
Dilution:	1.0			Initial Weight/Volume:	6.53 g
Analysis Date:	09/18/2013 2003			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1246				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.13	U	0.13	0.81
Bromomethane		0.35	U	0.35	0.81
Vinyl chloride		0.28	U	0.28	0.81
Chloroethane		0.27	U	0.27	0.81
Methylene Chloride		0.12	U	0.12	0.81
Acetone		1.4	U *	1.4	4.1
Carbon disulfide		0.12	U	0.12	0.81
Trichlorofluoromethane		0.13	U	0.13	0.81
1,1-Dichloroethene		0.15	U	0.15	0.81
1,1-Dichloroethane		0.089	U	0.089	0.81
trans-1,2-Dichloroethene		0.11	U	0.11	0.81
cis-1,2-Dichloroethene		0.089	U	0.089	0.81
Chloroform		0.19	U	0.19	0.81
2-Butanone		0.51	U *	0.51	4.1
1,2-Dichloroethane		0.15	U	0.15	0.81
1,1,1-Trichloroethane		0.11	U	0.11	0.81
Carbon tetrachloride		0.12	U	0.12	0.81
Benzene		0.12	U	0.12	0.81
Bromoform		0.14	U	0.14	0.81
Styrene		0.23	U	0.23	0.81
Ethylbenzene		0.14	U	0.14	0.81
Chlorobenzene		0.15	U	0.15	0.81
Cyclohexane		0.11	U	0.11	0.81
Isopropylbenzene		0.089	U	0.089	0.81
2-Hexanone		0.11	U	0.11	4.1
MTBE		0.089	U	0.089	0.81
Freon TF		0.089	U	0.089	0.81
Methyl acetate		0.26	U	0.26	0.81
1,4-Dioxane		10	U	10	16
Trichloroethene		0.097	U	0.097	0.81
Toluene		0.11	U	0.11	0.81
trans-1,3-Dichloropropene		0.081	U	0.081	0.81
4-Methyl-2-pentanone		0.16	U	0.16	4.1
cis-1,3-Dichloropropene		0.11	U	0.11	0.81
1,2-Dichlorobenzene		0.081	U	0.081	0.81
1,3-Dichlorobenzene		0.13	U	0.13	0.81
1,4-Dichlorobenzene		0.51	J	0.089	0.81
1,2,4-Trichlorobenzene		0.15	U	0.15	0.81
1,2,3-Trichlorobenzene		0.13	U	0.13	0.81
1,2-Dichloropropane		0.12	U	0.12	0.81
Methylcyclohexane		0.081	U	0.081	0.81
Tetrachloroethene		0.097	U	0.097	0.81
Xylenes, Total		0.54	U	0.54	2.4
1,2-Dibromo-3-Chloropropane		0.36	U	0.36	0.81
1,1,2,2-Tetrachloroethane		0.073	U	0.073	0.81
1,1,2-Trichloroethane		0.11	U	0.11	0.81

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-11 Date Sampled: 09/12/2013 1025
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363100.D
Dilution:	1.0			Initial Weight/Volume:	6.53 g
Analysis Date:	09/18/2013 2003			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1246				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.081	U	0.081	0.81
1,2-Dibromoethane		0.12	U	0.12	0.81
Dichlorodifluoromethane		0.18	U	0.18	0.81
Bromochloromethane		0.089	U	0.089	0.81
Bromodichloromethane		0.26	U	0.26	0.81

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 130
Toluene-d8 (Surr)	103		70 - 130
Bromofluorobenzene	96		70 - 130
Dibromofluoromethane (Surr)	114		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-11 Date Sampled: 09/12/2013 1025
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363100.D
Dilution:	1.0			Initial Weight/Volume:	6.53 g
Analysis Date:	09/18/2013 2003			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1246				

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: 460-62968-1

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

Lab Sample ID: 460-62968-12 Date Sampled: 09/12/2013 1030
Client Matrix: Solid % Moisture: 13.6 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60656.D
Dilution:	50			Initial Weight/Volume:	2.975 g
Analysis Date:	09/19/2013 0526			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1135				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		19	U	19	190
Bromomethane		35	U	35	190
Vinyl chloride		28	U	28	190
Chloroethane		33	U	33	190
Methylene Chloride		35	U	35	190
Acetone		520	U	520	970
Carbon disulfide		24	U	24	190
Trichlorofluoromethane		28	U	28	190
1,1-Dichloroethene		17	U	17	190
1,1-Dichloroethane		25	U	25	190
trans-1,2-Dichloroethene		25	U	25	190
cis-1,2-Dichloroethene		34	U	34	190
Chloroform		37	J	15	190
2-Butanone		450	U	450	970
1,2-Dichloroethane		37	U	37	190
1,1,1-Trichloroethane		12	U	12	190
Carbon tetrachloride		11	U	11	190
Benzene		16	U	16	190
Bromoform		37	U	37	190
Styrene		23	U	23	190
Ethylbenzene		19	U	19	190
Chlorobenzene		21	U	21	190
Cyclohexane		31	U	31	190
Isopropylbenzene		15	U	15	190
2-Hexanone		97	U	97	970
MTBE		27	U	27	190
Freon TF		16	U	16	190
Methyl acetate		65	U	65	970
1,4-Dioxane		7000	U	7000	9700
Trichloroethene		18	U	18	190
Toluene		29	U	29	190
trans-1,3-Dichloropropene		47	U	47	190
4-Methyl-2-pentanone		190	U	190	970
cis-1,3-Dichloropropene		36	U	36	190
1,2-Dichlorobenzene		40	U	40	190
1,3-Dichlorobenzene		26	U	26	190
1,4-Dichlorobenzene		45	U	45	190
1,2,4-Trichlorobenzene		66	U	66	190
1,2,3-Trichlorobenzene		99	U	99	190
1,2-Dichloropropane		17	U	17	190
Methylcyclohexane		52	J	26	190
Tetrachloroethene		19	U	19	190
Xylenes, Total		70	U	70	580
1,2-Dibromo-3-Chloropropane		78	U	78	190
1,1,2,2-Tetrachloroethane		31	U	31	190
1,1,2-Trichloroethane		36	U	36	190

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-12 Date Sampled: 09/12/2013 1030
Client Matrix: Solid % Moisture: 13.6 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60656.D
Dilution:	50			Initial Weight/Volume:	2.975 g
Analysis Date:	09/19/2013 0526			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1135				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		39	U	39	190
1,2-Dibromoethane		54	U	54	190
Dichlorodifluoromethane		42	U	42	190
Bromochloromethane		53	U	53	190
Bromodichloromethane		24	U	24	190

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	168	X	75 - 135
Toluene-d8 (Surr)	145		59 - 150
Bromofluorobenzene	165	X	72 - 133
Dibromofluoromethane (Surr)	157	X	70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-12 Date Sampled: 09/12/2013 1030
Client Matrix: Solid % Moisture: 13.6 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60656.D
Dilution:	50			Initial Weight/Volume:	2.975 g
Analysis Date:	09/19/2013 0526			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1135				

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	9400	J N
	Unknown	11.18	6800	J
	Unknown	11.25	9100	J
1000152-47-3	trans-Decalin, 2-methyl-	11.55	22000	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.70	9800	J N
	Unknown	11.97	8500	J
17301-23-4	Undecane, 2,6-dimethyl-	12.02	12000	J N
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	12.13	17000	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	12.39	12000	J N
	Unknown	12.86	6800	J

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-13 Date Sampled: 09/12/2013 1035
Client Matrix: Solid % Moisture: 14.3 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363101.D
Dilution:	1.0			Initial Weight/Volume:	6.275 g
Analysis Date:	09/18/2013 2027			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1250				

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		1.6	U *	1.6	4.7
Carbon disulfide		6.8		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		9.1		0.22	0.93
2-Butanone		0.59	U *	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		10		0.16	0.93
Chlorobenzene		0.17	U	0.17	0.93
Cyclohexane		0.99		0.12	0.93
Isopropylbenzene		2.0		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		0.38	J	0.093	0.93
1,3-Dichlorobenzene		0.29	J	0.15	0.93
1,4-Dichlorobenzene		2.4		0.10	0.93
1,2,4-Trichlorobenzene		1.1		0.18	0.93
1,2,3-Trichlorobenzene		0.15	U	0.15	0.93
1,2-Dichloropropane		0.14	U	0.14	0.93
Methylcyclohexane		2.8		0.093	0.93
Tetrachloroethene		0.11	U	0.11	0.93
Xylenes, Total		30		0.62	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: 460-62968-1

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

Lab Sample ID: 460-62968-13 Date Sampled: 09/12/2013 1035
Client Matrix: Solid % Moisture: 14.3 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363101.D
Dilution:	1.0			Initial Weight/Volume:	6.275 g
Analysis Date:	09/18/2013 2027			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1250				

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		0.20	U	0.20	0.93
Bromochloromethane		0.10	U	0.10	0.93
Bromodichloromethane		1.1		0.30	0.93

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 130
Toluene-d8 (Surr)	99		70 - 130
Bromofluorobenzene	94		70 - 130
Dibromofluoromethane (Surr)	114		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-13 Date Sampled: 09/12/2013 1035
Client Matrix: Solid % Moisture: 14.3 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363101.D
Dilution:	1.0			Initial Weight/Volume:	6.275 g
Analysis Date:	09/18/2013 2027			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1250				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
526-73-8	Benzene, 1,2,3-trimethyl-	9.46	130	J N
	Unknown	10.80	180	J
20836-11-7	1H-Indene,2,3-dihydro-2,2-dimethyl-	11.06	180	J N
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	11.46	100	J N
1559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-methyl	11.60	140	J N
54340-87-3	1H-Indene, 2,3-dihydro-1,4,7-trimethyl-	11.74	100	J N
91-57-6	Naphthalene, 2-methyl-	12.19	170	J N
90-12-0	Naphthalene, 1-methyl-	12.34	130	J N
14679-13-1	Benzene, 1,3,5-trimethyl-2-(1-methylethe	12.64	110	J N
581-42-0	Naphthalene, 2,6-dimethyl-	13.26	110	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-14 Date Sampled: 09/12/2013 1055
Client Matrix: Solid % Moisture: 4.9 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363133.D
Dilution:	1.0			Initial Weight/Volume:	6.151 g
Analysis Date:	09/19/2013 1153			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1253				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.14	U	0.14	0.85
Bromomethane		0.37	U	0.37	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	4.3
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		0.094	U	0.094	0.85
trans-1,2-Dichloroethene		0.11	U	0.11	0.85
cis-1,2-Dichloroethene		0.094	U	0.094	0.85
Chloroform		0.21	U	0.21	0.85
2-Butanone		0.54	U	0.54	4.3
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		0.15	U	0.15	0.85
Styrene		0.24	U	0.24	0.85
Ethylbenzene		0.15	U	0.15	0.85
Chlorobenzene		0.15	U	0.15	0.85
Cyclohexane		0.11	U	0.11	0.85
Isopropylbenzene		0.094	U	0.094	0.85
2-Hexanone		0.11	U	0.11	4.3
MTBE		0.094	U	0.094	0.85
Freon TF		0.094	U	0.094	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	4.3
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		0.90		0.094	0.85
1,2,4-Trichlorobenzene		1.3		0.16	0.85
1,2,3-Trichlorobenzene		0.56	J	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	2.6
1,2-Dibromo-3-Chloropropane		0.38	U	0.38	0.85
1,1,2,2-Tetrachloroethane		0.077	U	0.077	0.85
1,1,2-Trichloroethane		0.12	U	0.12	0.85

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-14 Date Sampled: 09/12/2013 1055
Client Matrix: Solid % Moisture: 4.9 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363133.D
Dilution:	1.0			Initial Weight/Volume:	6.151 g
Analysis Date:	09/19/2013 1153			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1253				

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		0.094	U	0.094	0.85
Bromodichloromethane		0.27	U	0.27	0.85

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 130
Toluene-d8 (Surr)	108		70 - 130
Bromofluorobenzene	112		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-14 Date Sampled: 09/12/2013 1055
Client Matrix: Solid % Moisture: 4.9 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363133.D
Dilution:	1.0			Initial Weight/Volume:	6.151 g
Analysis Date:	09/19/2013 1153			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1253				

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: 460-62968-1

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

Lab Sample ID: 460-62968-15 Date Sampled: 09/12/2013 1100
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363156.D
Dilution:	1.0			Initial Weight/Volume:	5.538 g
Analysis Date:	09/19/2013 2110			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1255				

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		0.72	J	0.16	1.0
Acetone		120		1.8	5.2
Carbon disulfide		1.2		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		0.12	U	0.12	1.0
Chloroform		3.8		0.25	1.0
2-Butanone		24	*	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		0.18	U	0.18	1.0
Chlorobenzene		0.19	U	0.19	1.0
Cyclohexane		1.3		0.14	1.0
Isopropylbenzene		1.1		0.12	1.0
2-Hexanone		0.14	U	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		0.72	J	0.13	1.0
Toluene		0.89	J	0.15	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		0.21	U	0.21	5.2
cis-1,3-Dichloropropene		0.15	U	0.15	1.0
1,2-Dichlorobenzene		1.7		0.10	1.0
1,3-Dichlorobenzene		0.75	J	0.17	1.0
1,4-Dichlorobenzene		4.7		0.12	1.0
1,2,4-Trichlorobenzene		120		0.20	1.0
1,2,3-Trichlorobenzene		47		0.17	1.0
1,2-Dichloropropane		0.16	U	0.16	1.0
Methylcyclohexane		8.4		0.10	1.0
Tetrachloroethene		11		0.13	1.0
Xylenes, Total		3.7		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: 460-62968-1

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

Lab Sample ID: 460-62968-15 Date Sampled: 09/12/2013 1100
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363156.D
Dilution:	1.0			Initial Weight/Volume:	5.538 g
Analysis Date:	09/19/2013 2110			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1255				

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)	82		70 - 130
Toluene-d8 (Surr)	127		70 - 130
Bromofluorobenzene	75		70 - 130
Dibromofluoromethane (Surr)	90		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-15 Date Sampled: 09/12/2013 1100
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363156.D
Dilution:	1.0			Initial Weight/Volume:	5.538 g
Analysis Date:	09/19/2013 2110			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1255				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
3728-56-1	1-Ethyl-4-methylcyclohexane	8.09	71	J N
3788-32-7	Cyclopentane, (2-methylpropyl)-	8.38	48	J N
14676-29-0	Heptane, 3-ethyl-2-methyl-	8.45	57	J N
62960-76-3	4-Octene, 2,6-dimethyl-, [S-(E)]-	8.78	120	J N
493-02-7	Naphthalene, decahydro-, trans-	9.79	130	J N
61142-70-9	Cyclohexane, 2,4-diethyl-1-methyl-	9.96	57	J N
15932-80-6	Cyclohexanone, 5-methyl-2-(1-methylethyl	10.27	50	J N
2958-75-0	1-Methyldecahydronaphthalene	10.41	57	J N
112-40-3	Dodecane	10.69	59	J N
17301-23-4	Undecane, 2,6-dimethyl-	10.81	65	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-16 Date Sampled: 09/12/2013 1105
Client Matrix: Solid % Moisture: 15.2 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363151.D
Dilution:	1.0			Initial Weight/Volume:	6.098 g
Analysis Date:	09/19/2013 1910			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1256				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.97
Bromomethane		0.42	U	0.42	0.97
Vinyl chloride		0.33	U	0.33	0.97
Chloroethane		0.32	U	0.32	0.97
Methylene Chloride		0.51	J	0.14	0.97
Acetone		28		1.6	4.8
Carbon disulfide		1.6		0.14	0.97
Trichlorofluoromethane		0.15	U	0.15	0.97
1,1-Dichloroethene		0.18	U	0.18	0.97
1,1-Dichloroethane		0.11	U	0.11	0.97
trans-1,2-Dichloroethene		0.13	U	0.13	0.97
cis-1,2-Dichloroethene		0.11	U	0.11	0.97
Chloroform		3.9		0.23	0.97
2-Butanone		0.61	U *	0.61	4.8
1,2-Dichloroethane		0.17	U	0.17	0.97
1,1,1-Trichloroethane		0.13	U	0.13	0.97
Carbon tetrachloride		0.14	U	0.14	0.97
Benzene		0.14	U	0.14	0.97
Bromoform		0.16	U	0.16	0.97
Styrene		0.27	U	0.27	0.97
Ethylbenzene		0.16	U	0.16	0.97
Chlorobenzene		0.17	U	0.17	0.97
Cyclohexane		0.13	U	0.13	0.97
Isopropylbenzene		0.11	U	0.11	0.97
2-Hexanone		0.13	U	0.13	4.8
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		0.53	J	0.14	0.97
trans-1,3-Dichloropropene		0.097	U	0.097	0.97
4-Methyl-2-pentanone		0.19	U	0.19	4.8
cis-1,3-Dichloropropene		0.14	U	0.14	0.97
1,2-Dichlorobenzene		0.13	J	0.097	0.97
1,3-Dichlorobenzene		0.15	U	0.15	0.97
1,4-Dichlorobenzene		0.96	J	0.11	0.97
1,2,4-Trichlorobenzene		2.2		0.18	0.97
1,2,3-Trichlorobenzene		0.97		0.15	0.97
1,2-Dichloropropane		0.14	U	0.14	0.97
Methylcyclohexane		0.24	J	0.097	0.97
Tetrachloroethene		0.50	J	0.12	0.97
Xylenes, Total		0.65	U	0.65	2.9
1,2-Dibromo-3-Chloropropane		0.43	U	0.43	0.97
1,1,2,2-Tetrachloroethane		0.087	U	0.087	0.97
1,1,2-Trichloroethane		0.14	U	0.14	0.97

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-16 Date Sampled: 09/12/2013 1105
Client Matrix: Solid % Moisture: 15.2 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363151.D
Dilution:	1.0			Initial Weight/Volume:	6.098 g
Analysis Date:	09/19/2013 1910			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1256				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.097	U	0.097	0.97
1,2-Dibromoethane		0.14	U	0.14	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)	89		70 - 130
Toluene-d8 (Surr)	108		70 - 130
Bromofluorobenzene	103		70 - 130
Dibromofluoromethane (Surr)	96		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-16 Date Sampled: 09/12/2013 1105
Client Matrix: Solid % Moisture: 15.2 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363151.D
Dilution:	1.0			Initial Weight/Volume:	6.098 g
Analysis Date:	09/19/2013 1910			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1256				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
768-49-0	Benzene, (2-methyl-1-propenyl)-	10.28	34	J N
488-23-3	Benzene, 1,2,3,4-tetramethyl-	10.54	25	J N
535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-	10.82	53	J N
20836-11-7	1H-Indene,2,3-dihydro-2,2-dimethyl-	11.06	37	J N
97664-18-1	Benzene, 1-methyl-4-(1-methyl-2-propenyl	11.12	39	J N
4218-48-8	Benzene, 1-ethyl-4-(1-methylethyl)-	11.33	36	J N
4489-84-3	Benzene, (3-methyl-2-butenyl)-	11.45	35	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	11.59	39	J N
2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	11.74	35	J N
2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	11.86	20	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-17 Date Sampled: 09/12/2013 1130
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363152.D
Dilution:	1.0			Initial Weight/Volume:	6.253 g
Analysis Date:	09/19/2013 1934			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1258				

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		0.44	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: 460-62968-1

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

Lab Sample ID: 460-62968-17 Date Sampled: 09/12/2013 1130
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363152.D
Dilution:	1.0			Initial Weight/Volume:	6.253 g
Analysis Date:	09/19/2013 1934			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1258				

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)	91		70 - 130
Toluene-d8 (Surr)	101		70 - 130
Bromofluorobenzene	109		70 - 130
Dibromofluoromethane (Surr)	94		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-17 Date Sampled: 09/12/2013 1130
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363152.D
Dilution:	1.0			Initial Weight/Volume:	6.253 g
Analysis Date:	09/19/2013 1934			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1258				

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: 460-62968-1

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

Lab Sample ID: 460-62968-18 Date Sampled: 09/12/2013 1135
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60684.D
Dilution:	50			Initial Weight/Volume:	5.682 g
Analysis Date:	09/19/2013 1829			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1140				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		9.9	U	9.9	100
Bromomethane		19	U	19	100
Vinyl chloride		15	U	15	100
Chloroethane		17	U	17	100
Methylene Chloride		19	U	19	100
Acetone		270	U	270	510
Carbon disulfide		13	U	13	100
Trichlorofluoromethane		15	U	15	100
1,1-Dichloroethene		9.0	U	9.0	100
1,1-Dichloroethane		13	U	13	100
trans-1,2-Dichloroethene		13	U	13	100
cis-1,2-Dichloroethene		18	U	18	100
Chloroform		8.0	U	8.0	100
2-Butanone		240	U	240	510
1,2-Dichloroethane		19	U	19	100
1,1,1-Trichloroethane		6.4	U	6.4	100
Carbon tetrachloride		5.8	U	5.8	100
Benzene		8.4	U	8.4	100
Bromoform		20	U	20	100
Styrene		12	U	12	100
Ethylbenzene		9.8	U	9.8	100
Chlorobenzene		11	U	11	100
Cyclohexane		16	U	16	100
Isopropylbenzene		7.8	U	7.8	100
2-Hexanone		51	U	51	510
MTBE		14	U	14	100
Freon TF		8.4	U	8.4	100
Methyl acetate		34	U	34	510
1,4-Dioxane		3700	U	3700	5100
Trichloroethene		9.4	U	9.4	100
Toluene		15	U	15	100
trans-1,3-Dichloropropene		25	U	25	100
4-Methyl-2-pentanone		100	U	100	510
cis-1,3-Dichloropropene		19	U	19	100
1,2-Dichlorobenzene		21	U	21	100
1,3-Dichlorobenzene		73	J	14	100
1,4-Dichlorobenzene		440		24	100
1,2,4-Trichlorobenzene		35	U	35	100
1,2,3-Trichlorobenzene		52	U	52	100
1,2-Dichloropropane		8.8	U	8.8	100
Methylcyclohexane		910	*	14	100
Tetrachloroethene		9.9	U	9.9	100
Xylenes, Total		37	U	37	310
1,2-Dibromo-3-Chloropropane		41	U *	41	100
1,1,2,2-Tetrachloroethane		16	U	16	100
1,1,2-Trichloroethane		19	U	19	100

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-18 Date Sampled: 09/12/2013 1135
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60684.D
Dilution:	50			Initial Weight/Volume:	5.682 g
Analysis Date:	09/19/2013 1829			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1140				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		20	U	20	100
1,2-Dibromoethane		28	U	28	100
Dichlorodifluoromethane		22	U	22	100
Bromochloromethane		28	U	28	100
Bromodichloromethane		13	U	13	100

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		75 - 135
Toluene-d8 (Surr)	88		59 - 150
Bromofluorobenzene	95		72 - 133
Dibromofluoromethane (Surr)	97		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-18 Date Sampled: 09/12/2013 1135
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60684.D
Dilution:	50			Initial Weight/Volume:	5.682 g
Analysis Date:	09/19/2013 1829			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1140				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-	11.06	14000	J N
	Unknown Aromatic	11.46	6800	J
	Unknown Aromatic	11.55	7200	J
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.71	9500	J N
700-12-9	Benzene, pentamethyl-	11.79	8300	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	12.03	11000	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	12.14	11000	J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	12.33	7500	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	12.41	9500	J N
21564-91-0	Naphthalene, 1,2,3,4-tetrahydro-1,5-dime	13.22	6800	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-19 Date Sampled: 09/12/2013 1140
Client Matrix: Solid % Moisture: 14.2 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60709.D
Dilution:	50			Initial Weight/Volume:	6.08 g
Analysis Date:	09/20/2013 0347			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1141				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		9.3	U	9.3	96
Bromomethane		17	U	17	96
Vinyl chloride		14	U	14	96
Chloroethane		16	U	16	96
Methylene Chloride		17	U	17	96
Acetone		260	U	260	480
Carbon disulfide		12	U	12	96
Trichlorofluoromethane		14	U	14	96
1,1-Dichloroethene		8.5	U	8.5	96
1,1-Dichloroethane		13	U	13	96
trans-1,2-Dichloroethene		12	U	12	96
cis-1,2-Dichloroethene		17	U	17	96
Chloroform		7.5	U	7.5	96
2-Butanone		220	U	220	480
1,2-Dichloroethane		18	U	18	96
1,1,1-Trichloroethane		6.0	U	6.0	96
Carbon tetrachloride		5.5	U	5.5	96
Benzene		7.9	U	7.9	96
Bromoform		18	U	18	96
Styrene		11	U	11	96
Ethylbenzene		300		9.2	96
Chlorobenzene		11	U	11	96
Cyclohexane		15	U	15	96
Isopropylbenzene		94	J	7.3	96
2-Hexanone		48	U	48	480
MTBE		13	U	13	96
Freon TF		7.9	U	7.9	96
Methyl acetate		32	U	32	480
1,4-Dioxane		3500	U	3500	4800
Trichloroethene		8.8	U	8.8	96
Toluene		14	U	14	96
trans-1,3-Dichloropropene		23	U	23	96
4-Methyl-2-pentanone		95	U	95	480
cis-1,3-Dichloropropene		18	U	18	96
1,2-Dichlorobenzene		20	U	20	96
1,3-Dichlorobenzene		13	U	13	96
1,4-Dichlorobenzene		22	U	22	96
1,2,4-Trichlorobenzene		710		33	96
1,2,3-Trichlorobenzene		2700		49	96
1,2-Dichloropropane		8.2	U	8.2	96
Methylcyclohexane		170		13	96
Tetrachloroethene		9.3	U	9.3	96
Xylenes, Total		130	J	34	290
1,2-Dibromo-3-Chloropropane		38	U	38	96
1,1,2,2-Tetrachloroethane		15	U	15	96
1,1,2-Trichloroethane		18	U	18	96

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-19 Date Sampled: 09/12/2013 1140
Client Matrix: Solid % Moisture: 14.2 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60709.D
Dilution:	50			Initial Weight/Volume:	6.08 g
Analysis Date:	09/20/2013 0347			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1141				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		19	U	19	96
1,2-Dibromoethane		26	U	26	96
Dichlorodifluoromethane		21	U	21	96
Bromochloromethane		26	U	26	96
Bromodichloromethane		12	U	12	96

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		75 - 135
Toluene-d8 (Surr)	78		59 - 150
Bromofluorobenzene	86		72 - 133
Dibromofluoromethane (Surr)	84		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-19 Date Sampled: 09/12/2013 1140
Client Matrix: Solid % Moisture: 14.2 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60709.D
Dilution:	50			Initial Weight/Volume:	6.08 g
Analysis Date:	09/20/2013 0347			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1141				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
52897-04-8	Hexane, 3-ethyl-2,5-dimethyl-	11.58	4100	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	12.41	5000	J N
629-50-5	Tridecane	12.71	5800	J N
40650-41-7	1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	13.15	4400	J N
5557-93-7	Benzene, 1-(1-methylethenyl)-2-(1-methyl	13.22	6900	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	13.40	5900	J N
91-57-6	Naphthalene, 2-methyl-	13.64	12000	J N
90-12-0	Naphthalene, 1-methyl-	13.84	6200	J N
629-59-4	Tetradecane	14.71	5700	J N
581-42-0	Naphthalene, 2,6-dimethyl-	14.92	4400	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-20 Date Sampled: 09/12/2013 1200
Client Matrix: Solid % Moisture: 5.8 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363125.D
Dilution:	1.0			Initial Weight/Volume:	5.732 g
Analysis Date:	09/19/2013 0840			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1303				

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		0.31	U	0.31	0.93
Chloroethane		0.31	U	0.31	0.93
Methylene Chloride		0.14	U	0.14	0.93
Acetone		1.6	U	1.6	4.6
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		8.5		0.22	0.93
2-Butanone		0.58	U	0.58	4.6
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	4.6
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		0.28	J	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	4.6
cis-1,3-Dichloropropene		0.13	U	0.13	0.93
1,2-Dichlorobenzene		0.093	U	0.093	0.93
1,3-Dichlorobenzene		4.2		0.15	0.93
1,4-Dichlorobenzene		10		0.10	0.93
1,2,4-Trichlorobenzene		380		0.18	0.93
1,2,3-Trichlorobenzene		110		0.15	0.93
1,2-Dichloropropane		0.14	U	0.14	0.93
Methylcyclohexane		0.093	U	0.093	0.93
Tetrachloroethene		0.64	J	0.11	0.93
Xylenes, Total		0.62	U	0.62	2.8
1,2-Dibromo-3-Chloropropane		0.41	U	0.41	0.93
1,1,2,2-Tetrachloroethane		0.083	U	0.083	0.93
1,1,2-Trichloroethane		0.13	U	0.13	0.93

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-20 Date Sampled: 09/12/2013 1200
Client Matrix: Solid % Moisture: 5.8 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363125.D
Dilution:	1.0			Initial Weight/Volume:	5.732 g
Analysis Date:	09/19/2013 0840			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1303				

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		0.20	U	0.20	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)	84		70 - 130
Toluene-d8 (Surr)	112		70 - 130
Bromofluorobenzene	116		70 - 130
Dibromofluoromethane (Surr)	90		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-20 Date Sampled: 09/12/2013 1200
Client Matrix: Solid % Moisture: 5.8 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363125.D
Dilution:	1.0			Initial Weight/Volume:	5.732 g
Analysis Date:	09/19/2013 0840			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1303				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
3728-54-9	Cyclohexane, 1-ethyl-2-methyl-	8.09	65	J N
14676-29-0	Heptane, 3-ethyl-2-methyl-	8.45	68	J N
6783-92-2	Cyclohexane, 1,1,2,3-tetramethyl-	8.77	130	J N
493-02-7	Naphthalene, decahydro-, trans-	9.78	190	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	10.27	55	J N
112-40-3	Dodecane	10.69	67	J N
17301-23-4	Undecane, 2,6-dimethyl-	10.80	87	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	11.07	60	J N
75163-97-2	Octadecane, 2,6-dimethyl-	11.20	76	J N
629-50-5	Tridecane	11.34	84	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-21 Date Sampled: 09/12/2013 1205
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363110.D
Dilution:	1.0			Initial Weight/Volume:	5.526 g
Analysis Date:	09/19/2013 0003			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1305				

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		160	*	1.8	5.2
Carbon disulfide		1.4		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		0.12	U	0.12	1.0
Chloroform		0.25	U	0.25	1.0
2-Butanone		31	*	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		0.18	U	0.18	1.0
Chlorobenzene		0.19	U	0.19	1.0
Cyclohexane		0.62	J	0.14	1.0
Isopropylbenzene		0.12	U	0.12	1.0
2-Hexanone		0.14	U	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		2.9		0.13	1.0
Toluene		0.65	J	0.15	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		0.21	U	0.21	5.2
cis-1,3-Dichloropropene		0.15	U	0.15	1.0
1,2-Dichlorobenzene		0.69	J	0.10	1.0
1,3-Dichlorobenzene		1.0		0.17	1.0
1,4-Dichlorobenzene		4.6		0.12	1.0
1,2,4-Trichlorobenzene		200		0.20	1.0
1,2,3-Trichlorobenzene		66		0.17	1.0
1,2-Dichloropropane		0.16	U	0.16	1.0
Methylcyclohexane		0.74	J	0.10	1.0
Tetrachloroethene		9.3		0.13	1.0
Xylenes, Total		1.5	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: 460-62968-1

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

Lab Sample ID: 460-62968-21 Date Sampled: 09/12/2013 1205
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363110.D
Dilution:	1.0			Initial Weight/Volume:	5.526 g
Analysis Date:	09/19/2013 0003			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1305				

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)	107		70 - 130
Toluene-d8 (Surr)	116		70 - 130
Bromofluorobenzene	72		70 - 130
Dibromofluoromethane (Surr)	112		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-21 Date Sampled: 09/12/2013 1205
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363110.D
Dilution:	1.0			Initial Weight/Volume:	5.526 g
Analysis Date:	09/19/2013 0003			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1305				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
53941-19-8	2-Hexene, 3,4,4-trimethyl-	8.09	85	J N
14676-29-0	Heptane, 3-ethyl-2-methyl-	8.45	90	J N
16538-93-5	Cyclooctane, butyl-	8.78	210	J N
493-02-7	Naphthalene, decahydro-, trans-	9.79	170	J N
50876-32-9	Cyclohexane, 1,1,3,5-tetramethyl-, cis-	9.98	59	J N
1000152-47-3	trans-Decalin, 2-methyl-	10.27	83	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	10.41	63	J N
17301-23-4	Undecane, 2,6-dimethyl-	10.81	69	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	11.07	83	J N
629-50-5	Tridecane	11.34	65	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-22 Date Sampled: 09/12/2013 1210
Client Matrix: Solid % Moisture: 14.4 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363104.D
Dilution:	1.0			Initial Weight/Volume:	4.5 g
Analysis Date:	09/18/2013 2139			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1307				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.21	U	0.21	1.3
Bromomethane		0.56	U	0.56	1.3
Vinyl chloride		0.44	U	0.44	1.3
Chloroethane		0.43	U	0.43	1.3
Methylene Chloride		0.79	J	0.19	1.3
Acetone		57	*	2.2	6.5
Carbon disulfide		20		0.19	1.3
Trichlorofluoromethane		0.21	U	0.21	1.3
1,1-Dichloroethene		0.25	U	0.25	1.3
1,1-Dichloroethane		0.14	U	0.14	1.3
trans-1,2-Dichloroethene		0.17	U	0.17	1.3
cis-1,2-Dichloroethene		0.14	U	0.14	1.3
Chloroform		0.31	U	0.31	1.3
2-Butanone		0.82	U *	0.82	6.5
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	6.5
MTBE		0.14	U	0.14	1.3
Freon TF		0.14	U	0.14	1.3
Methyl acetate		0.42	U	0.42	1.3
1,4-Dioxane		16	U	16	26
Trichloroethene		1.2	J	0.16	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		0.26	U	0.26	6.5
cis-1,3-Dichloropropene		0.18	U	0.18	1.3
1,2-Dichlorobenzene		0.13	U	0.13	1.3
1,3-Dichlorobenzene		0.21	U	0.21	1.3
1,4-Dichlorobenzene		0.95	J	0.14	1.3
1,2,4-Trichlorobenzene		42		0.25	1.3
1,2,3-Trichlorobenzene		21		0.21	1.3
1,2-Dichloropropane		0.19	U	0.19	1.3
Methylcyclohexane		1.0	J	0.13	1.3
Tetrachloroethene		0.62	J	0.16	1.3
Xylenes, Total		2.3	J	0.87	3.9
1,2-Dibromo-3-Chloropropane		0.57	U	0.57	1.3
1,1,2,2-Tetrachloroethane		0.12	U	0.12	1.3
1,1,2-Trichloroethane		0.18	U	0.18	1.3

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-22 Date Sampled: 09/12/2013 1210
Client Matrix: Solid % Moisture: 14.4 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363104.D
Dilution:	1.0			Initial Weight/Volume:	4.5 g
Analysis Date:	09/18/2013 2139			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1307				

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		0.29	U	0.29	1.3
Bromochloromethane		0.14	U	0.14	1.3
Bromodichloromethane		0.42	U	0.42	1.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
Toluene-d8 (Surr)	103		70 - 130
Bromofluorobenzene	104		70 - 130
Dibromofluoromethane (Surr)	117		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-22 Date Sampled: 09/12/2013 1210
Client Matrix: Solid % Moisture: 14.4 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363104.D
Dilution:	1.0			Initial Weight/Volume:	4.5 g
Analysis Date:	09/18/2013 2139			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1307				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
2958-76-1	Naphthalene, decahydro-2-methyl-	10.26	320	J N
112-40-3	Dodecane	10.68	630	J N
17301-23-4	Undecane, 2,6-dimethyl-	10.80	660	J N
700-12-9	Benzene, pentamethyl-	11.06	660	J N
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	11.12	350	J N
62016-34-6	Octane, 2,3,7-trimethyl-	11.20	590	J N
629-50-5	Tridecane	11.34	420	J N
25419-33-4	Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	11.74	340	J N
3891-98-3	Dodecane, 2,6,10-trimethyl-	11.92	390	J N
	Unknown	12.61	410	J

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-23 Date Sampled: 09/12/2013 1215
Client Matrix: Solid % Moisture: 11.2 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363135.D
Dilution:	1.0			Initial Weight/Volume:	5.388 g
Analysis Date:	09/19/2013 1241			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1310				

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		0.34	U	0.34	1.0
Methylene Chloride		0.16	U	0.16	1.0
Acetone		1.8	U	1.8	5.2
Carbon disulfide		2.4		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		0.14	U	0.14	1.0
cis-1,2-Dichloroethene		0.11	U	0.11	1.0
Chloroform		1.6		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		0.33	J	0.18	1.0
Chlorobenzene		0.19	U	0.19	1.0
Cyclohexane		0.14	U	0.14	1.0
Isopropylbenzene		0.26	J	0.11	1.0
2-Hexanone		0.14	U	0.14	5.2
MTBE		0.11	U	0.11	1.0
Freon TF		0.11	U	0.11	1.0
Methyl acetate		0.33	U	0.33	1.0
1,4-Dioxane		13	U	13	21
Trichloroethene		0.13	U	0.13	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		0.46	J	0.11	1.0
1,2,4-Trichlorobenzene		3.2		0.20	1.0
1,2,3-Trichlorobenzene		1.7		0.17	1.0
1,2-Dichloropropane		0.16	U	0.16	1.0
Methylcyclohexane		0.10	U	0.10	1.0
Tetrachloroethene		0.13	U	0.13	1.0
Xylenes, Total		0.85	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: 460-62968-1

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

Lab Sample ID: 460-62968-23 Date Sampled: 09/12/2013 1215
Client Matrix: Solid % Moisture: 11.2 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363135.D
Dilution:	1.0			Initial Weight/Volume:	5.388 g
Analysis Date:	09/19/2013 1241			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1310				

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)	85		70 - 130
Toluene-d8 (Surr)	104		70 - 130
Bromofluorobenzene	102		70 - 130
Dibromofluoromethane (Surr)	90		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-23 Date Sampled: 09/12/2013 1215
Client Matrix: Solid % Moisture: 11.2 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363135.D
Dilution:	1.0			Initial Weight/Volume:	5.388 g
Analysis Date:	09/19/2013 1241			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1310				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
112-40-3	Dodecane	10.68	35	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	10.80	66	J N
700-12-9	Benzene, pentamethyl-	11.06	62	J N
629-50-5	Tridecane	11.34	39	J N
1685-82-1	1H-Indene, 2,3-dihydro-4,6-dimethyl-	11.60	52	J N
25419-33-4	Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	11.74	51	J N
4175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	12.00	40	J N
2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	12.04	44	J N
90-12-0	Naphthalene, 1-methyl-	12.34	41	J N
14679-13-1	Benzene, 1,3,5-trimethyl-2-(1-methylethe	12.64	44	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-9SE-VD**

Lab Sample ID: 460-62968-24 Date Sampled: 09/12/2013 1400
Client Matrix: Solid % Moisture: 3.8 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363132.D
Dilution:	1.0			Initial Weight/Volume:	6.169 g
Analysis Date:	09/19/2013 1129			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1312				

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		1.4	U	1.4	4.2
Carbon disulfide		0.13	U	0.13	0.84
Trichlorofluoromethane		0.13	U	0.13	0.84
1,1-Dichloroethene		0.16	U	0.16	0.84
1,1-Dichloroethane		0.093	U	0.093	0.84
trans-1,2-Dichloroethene		0.11	U	0.11	0.84
cis-1,2-Dichloroethene		0.093	U	0.093	0.84
Chloroform		0.20	U	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		0.093	U	0.093	0.84
2-Hexanone		0.11	U	0.11	4.2
MTBE		0.093	U	0.093	0.84
Freon TF		0.093	U	0.093	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		0.75	J	0.093	0.84
1,2,4-Trichlorobenzene		0.22	J	0.16	0.84
1,2,3-Trichlorobenzene		0.44	J	0.13	0.84
1,2-Dichloropropane		0.13	U	0.13	0.84
Methylcyclohexane		0.084	U	0.084	0.84
Tetrachloroethene		0.10	U	0.10	0.84
Xylenes, Total		0.56	U	0.56	2.5
1,2-Dibromo-3-Chloropropane		0.37	U	0.37	0.84
1,1,2,2-Tetrachloroethane		0.076	U	0.076	0.84
1,1,2-Trichloroethane		0.12	U	0.12	0.84

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-9SE-VD**

Lab Sample ID: 460-62968-24 Date Sampled: 09/12/2013 1400
Client Matrix: Solid % Moisture: 3.8 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363132.D
Dilution:	1.0			Initial Weight/Volume:	6.169 g
Analysis Date:	09/19/2013 1129			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1312				

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		0.19	U	0.19	0.84
Bromochloromethane		0.093	U	0.093	0.84
Bromodichloromethane		0.27	U	0.27	0.84

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 130
Toluene-d8 (Surr)	106		70 - 130
Bromofluorobenzene	105		70 - 130
Dibromofluoromethane (Surr)	90		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-9SE-VD**

Lab Sample ID: 460-62968-24 Date Sampled: 09/12/2013 1400
Client Matrix: Solid % Moisture: 3.8 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363132.D
Dilution:	1.0			Initial Weight/Volume:	6.169 g
Analysis Date:	09/19/2013 1129			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1312				

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: 460-62968-1

Client Sample ID: **PMP-9SE-WT**

Lab Sample ID: 460-62968-25 Date Sampled: 09/12/2013 1405
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363106.D
Dilution:	1.0			Initial Weight/Volume:	6.205 g
Analysis Date:	09/18/2013 2228			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1313				

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		0.52	J	0.14	0.94
Acetone		1.6	U *	1.6	4.7
Carbon disulfide		0.83	J	0.14	0.94
Trichlorofluoromethane		0.15	U	0.15	0.94
1,1-Dichloroethene		0.18	U	0.18	0.94
1,1-Dichloroethane		0.10	U	0.10	0.94
trans-1,2-Dichloroethene		0.12	U	0.12	0.94
cis-1,2-Dichloroethene		0.38	J	0.10	0.94
Chloroform		24		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		0.58	J	0.10	0.94
1,2,4-Trichlorobenzene		0.57	J	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: 460-62968-1

Client Sample ID: **PMP-9SE-WT**

Lab Sample ID: 460-62968-25 Date Sampled: 09/12/2013 1405
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363106.D
Dilution:	1.0			Initial Weight/Volume:	6.205 g
Analysis Date:	09/18/2013 2228			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1313				

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		0.48	J	0.30	0.94

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 130
Toluene-d8 (Surr)	98		70 - 130
Bromofluorobenzene	97		70 - 130
Dibromofluoromethane (Surr)	113		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-9SE-WT**

Lab Sample ID: 460-62968-25 Date Sampled: 09/12/2013 1405
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363106.D
Dilution:	1.0			Initial Weight/Volume:	6.205 g
Analysis Date:	09/18/2013 2228			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1313				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
4696-30-4	1-Butene, 4-methoxy	9.52	5.7	J N
112-40-3	Dodecane	10.68	6.5	J N
1000111-72-1	trans,trans-1,6-Dimethylspiro[4.5]decane	10.80	5.0	J N
	Unknown	11.07	5.8	J
629-82-3	Octane, 1,1'-oxybis-	11.20	4.9	J N
629-50-5	Tridecane	11.34	5.1	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	12.31	10	J N
17302-01-1	3-Ethyl-3-methylheptane	12.61	5.2	J N
629-62-9	Pentadecane	12.90	5.8	J N
	Unknown	13.23	5.6	J

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-9SE-SI**

Lab Sample ID: 460-62968-26 Date Sampled: 09/12/2013 1410
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60657.D
Dilution:	50			Initial Weight/Volume:	6.15 g
Analysis Date:	09/19/2013 0549			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1146				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		8.3	U	8.3	86
Bromomethane		16	U	16	86
Vinyl chloride		12	U	12	86
Chloroethane		15	U	15	86
Methylene Chloride		16	U	16	86
Acetone		230	U	230	430
Carbon disulfide		11	U	11	86
Trichlorofluoromethane		13	U	13	86
1,1-Dichloroethene		7.6	U	7.6	86
1,1-Dichloroethane		11	U	11	86
trans-1,2-Dichloroethene		11	U	11	86
cis-1,2-Dichloroethene		15	U	15	86
Chloroform		6.8	U	6.8	86
2-Butanone		200	U	200	430
1,2-Dichloroethane		16	U	16	86
1,1,1-Trichloroethane		5.4	U	5.4	86
Carbon tetrachloride		4.9	U	4.9	86
Benzene		7.1	U	7.1	86
Bromoform		17	U	17	86
Styrene		10	U	10	86
Ethylbenzene		8.2	U	8.2	86
Chlorobenzene		9.5	U	9.5	86
Cyclohexane		14	U	14	86
Isopropylbenzene		6.6	U	6.6	86
2-Hexanone		43	U	43	430
MTBE		12	U	12	86
Freon TF		7.1	U	7.1	86
Methyl acetate		29	U	29	430
1,4-Dioxane		3100	U	3100	4300
Trichloroethene		7.9	U	7.9	86
Toluene		13	U	13	86
trans-1,3-Dichloropropene		21	U	21	86
4-Methyl-2-pentanone		85	U	85	430
cis-1,3-Dichloropropene		16	U	16	86
1,2-Dichlorobenzene		18	U	18	86
1,3-Dichlorobenzene		12	U	12	86
1,4-Dichlorobenzene		20	U	20	86
1,2,4-Trichlorobenzene		1200		29	86
1,2,3-Trichlorobenzene		44	U	44	86
1,2-Dichloropropane		7.4	U	7.4	86
Methylcyclohexane		12	U	12	86
Tetrachloroethene		8.4	U	8.4	86
Xylenes, Total		38	J	31	260
1,2-Dibromo-3-Chloropropane		34	U	34	86
1,1,2,2-Tetrachloroethane		14	U	14	86
1,1,2-Trichloroethane		16	U	16	86

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-9SE-SI**

Lab Sample ID: 460-62968-26 Date Sampled: 09/12/2013 1410
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60657.D
Dilution:	50			Initial Weight/Volume:	6.15 g
Analysis Date:	09/19/2013 0549			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1146				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		17	U	17	86
1,2-Dibromoethane		24	U	24	86
Dichlorodifluoromethane		19	U	19	86
Bromochloromethane		24	U	24	86
Bromodichloromethane		11	U	11	86

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		75 - 135
Toluene-d8 (Surr)	82		59 - 150
Bromofluorobenzene	93		72 - 133
Dibromofluoromethane (Surr)	87		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-9SE-SI**

Lab Sample ID: 460-62968-26 Date Sampled: 09/12/2013 1410
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60657.D
Dilution:	50			Initial Weight/Volume:	6.15 g
Analysis Date:	09/19/2013 0549			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1146				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	11.04	7800	J
2958-76-1	Naphthalene, decahydro-2-methyl-	11.54	5800	J N
2958-75-0	1-Methyldecahydronaphthalene	11.71	7600	J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	11.77	4600	J N
	Unknown Aromatic	12.03	8400	J
	Unknown	12.13	8200	J
4175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethyl-	12.33	6900	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	12.40	8400	J N
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	12.86	4400	J N
25419-33-4	Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	13.22	3800	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-27 Date Sampled: 09/12/2013 1515
Client Matrix: Solid % Moisture: 6.3 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60659.D
Dilution:	50			Initial Weight/Volume:	5.353 g
Analysis Date:	09/19/2013 0635			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1147				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		9.7	U	9.7	100
Bromomethane		18	U	18	100
Vinyl chloride		14	U	14	100
Chloroethane		17	U	17	100
Methylene Chloride		18	U	18	100
Acetone		270	U	270	500
Carbon disulfide		13	U	13	100
Trichlorofluoromethane		15	U	15	100
1,1-Dichloroethene		8.8	U	8.8	100
1,1-Dichloroethane		13	U	13	100
trans-1,2-Dichloroethene		13	U	13	100
cis-1,2-Dichloroethene		320		18	100
Chloroform		180		7.8	100
2-Butanone		230	U	230	500
1,2-Dichloroethane		19	U	19	100
1,1,1-Trichloroethane		6.2	U	6.2	100
Carbon tetrachloride		5.7	U	5.7	100
Benzene		12	J	8.2	100
Bromoform		19	U	19	100
Styrene		12	U	12	100
Ethylbenzene		74	J	9.6	100
Chlorobenzene		330		11	100
Cyclohexane		16	U	16	100
Isopropylbenzene		200		7.6	100
2-Hexanone		50	U	50	500
MTBE		14	U	14	100
Freon TF		8.2	U	8.2	100
Methyl acetate		33	U	33	500
1,4-Dioxane		3600	U	3600	5000
Trichloroethene		5300		9.2	100
Toluene		450		15	100
trans-1,3-Dichloropropene		24	U	24	100
4-Methyl-2-pentanone		98	U	98	500
cis-1,3-Dichloropropene		18	U	18	100
1,2-Dichlorobenzene		540		20	100
1,3-Dichlorobenzene		47	J	14	100
1,4-Dichlorobenzene		280		23	100
1,2,4-Trichlorobenzene		21000		34	100
1,2,3-Trichlorobenzene		6300		51	100
1,2-Dichloropropane		8.6	U	8.6	100
Methylcyclohexane		430		14	100
Tetrachloroethene		840		9.7	100
Xylenes, Total		3600		36	300
1,2-Dibromo-3-Chloropropane		40	U	40	100
1,1,2,2-Tetrachloroethane		16	U	16	100
1,1,2-Trichloroethane		19	U	19	100

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-27 Date Sampled: 09/12/2013 1515
Client Matrix: Solid % Moisture: 6.3 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60659.D
Dilution:	50			Initial Weight/Volume:	5.353 g
Analysis Date:	09/19/2013 0635			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1147				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		20	U	20	100
1,2-Dibromoethane		27	U	27	100
Dichlorodifluoromethane		21	U	21	100
Bromochloromethane		27	U	27	100
Bromodichloromethane		12	U	12	100

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		75 - 135
Toluene-d8 (Surr)	82		59 - 150
Bromofluorobenzene	92		72 - 133
Dibromofluoromethane (Surr)	86		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-27 Date Sampled: 09/12/2013 1515
Client Matrix: Solid % Moisture: 6.3 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60659.D
Dilution:	50			Initial Weight/Volume:	5.353 g
Analysis Date:	09/19/2013 0635			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1147				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	11.04	11000	J
2958-76-1	Naphthalene, decahydro-2-methyl-	11.54	5800	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.71	8500	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.78	5100	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	12.03	8700	J N
	Unknown	12.13	8700	J
13632-94-5	Benzene, 1,4-diethyl-2-methyl-	12.32	5300	J N
53172-84-2	Benzene, (1-methyl-1-butenyl)-	12.40	5900	J N
40650-41-7	1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	13.22	5600	J N
17302-32-8	Nonane, 3,7-dimethyl-	13.40	5400	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-28 Date Sampled: 09/12/2013 1530
Client Matrix: Solid % Moisture: 10.4 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60675.D
Dilution:	200			Initial Weight/Volume:	5.361 g
Analysis Date:	09/19/2013 1450			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1148				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		40	U	40	420
Bromomethane		76	U	76	420
Vinyl chloride		260	J	60	420
Chloroethane		70	U	70	420
Methylene Chloride		76	U	76	420
Acetone		1100	U	1100	2100
Carbon disulfide		52	U	52	420
Trichlorofluoromethane		61	U	61	420
1,1-Dichloroethene		37	U	37	420
1,1-Dichloroethane		54	U	54	420
trans-1,2-Dichloroethene		54	U	54	420
cis-1,2-Dichloroethene		2600		74	420
Chloroform		58	J	33	420
2-Butanone		970	U	970	2100
1,2-Dichloroethane		79	U	79	420
1,1,1-Trichloroethane		300	J	26	420
Carbon tetrachloride		24	U	24	420
Benzene		58	J	34	420
Bromoform		80	U	80	420
Styrene		4200		49	420
Ethylbenzene		9100		40	420
Chlorobenzene		2400		46	420
Cyclohexane		210	J	66	420
Isopropylbenzene		1300		32	420
2-Hexanone		1700	J	210	2100
MTBE		57	U	57	420
Freon TF		3200		34	420
Methyl acetate		140	U	140	830
1,4-Dioxane		15000	U	15000	21000
Trichloroethene		130000		38	420
Toluene		6200		62	420
trans-1,3-Dichloropropene		100	U	100	420
4-Methyl-2-pentanone		410	U	410	2100
cis-1,3-Dichloropropene		77	U	77	420
1,2-Dichlorobenzene		4000		85	420
1,3-Dichlorobenzene		56	U	56	420
1,4-Dichlorobenzene		370	J	97	420
1,2,4-Trichlorobenzene		18000		140	420
1,2,3-Trichlorobenzene		3700		210	420
1,2-Dichloropropane		36	U	36	420
Methylcyclohexane		1300	*	56	420
Tetrachloroethene		8200		40	420
Xylenes, Total		55000		150	1200
1,2-Dibromo-3-Chloropropane		170	U *	170	420
1,1,2,2-Tetrachloroethane		66	U	66	420
1,1,2-Trichloroethane		78	U	78	420

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-28 Date Sampled: 09/12/2013 1530
Client Matrix: Solid % Moisture: 10.4 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60675.D
Dilution:	200			Initial Weight/Volume:	5.361 g
Analysis Date:	09/19/2013 1450			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1148				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		83	U	83	420
1,2-Dibromoethane		110	U	110	420
Dichlorodifluoromethane		90	U	90	420
Bromochloromethane		110	U	110	420
Bromodichloromethane		52	U	52	420

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		75 - 135
Toluene-d8 (Surr)	78		59 - 150
Bromofluorobenzene	89		72 - 133
Dibromofluoromethane (Surr)	90		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-28 Date Sampled: 09/12/2013 1530
Client Matrix: Solid % Moisture: 10.4 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182095	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60675.D
Dilution:	200			Initial Weight/Volume:	5.361 g
Analysis Date:	09/19/2013 1450			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1148				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
124-18-5	Decane	10.15	32000	J N
2847-72-5	Decane, 4-methyl-	10.39	12000	J N
95-63-6	Benzene, 1,2,4-trimethyl-	10.51	14000	J N
1120-21-4	Undecane	11.10	25000	J N
1000152-47-3	trans-Decalin, 2-methyl-	11.55	12000	J N
488-23-3	Benzene, 1,2,3,4-tetramethyl-	11.71	19000	J N
112-40-3	Dodecane	11.92	17000	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.03	20000	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	12.13	13000	J N
91-20-3	Naphthalene	12.58	15000	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-29 Date Sampled: 09/12/2013 1525
Client Matrix: Solid % Moisture: 5.9 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60660.D
Dilution:	50			Initial Weight/Volume:	5.835 g
Analysis Date:	09/19/2013 0658			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1149				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		8.8	U	8.8	91
Bromomethane		17	U	17	91
Vinyl chloride		13	U	13	91
Chloroethane		15	U	15	91
Methylene Chloride		17	U	17	91
Acetone		240	U	240	460
Carbon disulfide		11	U	11	91
Trichlorofluoromethane		13	U	13	91
1,1-Dichloroethene		8.1	U	8.1	91
1,1-Dichloroethane		12	U	12	91
trans-1,2-Dichloroethene		12	U	12	91
cis-1,2-Dichloroethene		98		16	91
Chloroform		820		7.2	91
2-Butanone		210	U	210	460
1,2-Dichloroethane		17	U	17	91
1,1,1-Trichloroethane		5.7	U	5.7	91
Carbon tetrachloride		5.2	U	5.2	91
Benzene		11	J	7.5	91
Bromoform		17	U	17	91
Styrene		870		11	91
Ethylbenzene		2700		8.7	91
Chlorobenzene		570		10	91
Cyclohexane		14	U	14	91
Isopropylbenzene		970		7.0	91
2-Hexanone		46	U	46	460
MTBE		13	U	13	91
Freon TF		7.5	U	7.5	91
Methyl acetate		31	U	31	460
1,4-Dioxane		3300	U	3300	4600
Trichloroethene		2400		8.4	91
Toluene		180		14	91
trans-1,3-Dichloropropene		22	U	22	91
4-Methyl-2-pentanone		90	U	90	460
cis-1,3-Dichloropropene		17	U	17	91
1,2-Dichlorobenzene		3500		19	91
1,3-Dichlorobenzene		12	U	12	91
1,4-Dichlorobenzene		380		21	91
1,2,4-Trichlorobenzene		26000		31	91
1,2,3-Trichlorobenzene		6500		47	91
1,2-Dichloropropane		7.8	U	7.8	91
Methylcyclohexane		26	J	12	91
Tetrachloroethene		120		8.9	91
Xylenes, Total		21000		33	270
1,2-Dibromo-3-Chloropropane		36	U	36	91
1,1,2,2-Tetrachloroethane		14	U	14	91
1,1,2-Trichloroethane		17	U	17	91

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-29 Date Sampled: 09/12/2013 1525
Client Matrix: Solid % Moisture: 5.9 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60660.D
Dilution:	50			Initial Weight/Volume:	5.835 g
Analysis Date:	09/19/2013 0658			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1149				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		18	U	18	91
1,2-Dibromoethane		25	U	25	91
Dichlorodifluoromethane		20	U	20	91
Bromochloromethane		25	U	25	91
Bromodichloromethane		11	U	11	91

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		75 - 135
Toluene-d8 (Surr)	78		59 - 150
Bromofluorobenzene	88		72 - 133
Dibromofluoromethane (Surr)	87		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-29 Date Sampled: 09/12/2013 1525
Client Matrix: Solid % Moisture: 5.9 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60660.D
Dilution:	50			Initial Weight/Volume:	5.835 g
Analysis Date:	09/19/2013 0658			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1149				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
3728-55-0	1-Ethyl-3-methylcyclohexane (c,t)	9.24	5100	J N
696-29-7	Cyclohexane, (1-methylethyl)-	9.52	13000	J N
	Unknown	9.74	5100	J
611-14-3	Benzene, 1-ethyl-2-methyl-	10.11	5500	J N
	Unknown alkane	10.39	4000	J
95-63-6	Benzene, 1,2,4-trimethyl-	10.50	5500	J N
526-73-8	Benzene, 1,2,3-trimethyl-	10.85	22000	J N
	Unknown	11.04	9500	J
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.71	4300	J N
535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-	12.03	5500	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-30 Date Sampled: 09/12/2013 1520
Client Matrix: Solid % Moisture: 16.1 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60655.D
Dilution:	50			Initial Weight/Volume:	6.048 g
Analysis Date:	09/19/2013 0502			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1149				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		9.5	U	9.5	99
Bromomethane		18	U	18	99
Vinyl chloride		14	U	14	99
Chloroethane		17	U	17	99
Methylene Chloride		18	U	18	99
Acetone		260	U	260	490
Carbon disulfide		12	U	12	99
Trichlorofluoromethane		14	U	14	99
1,1-Dichloroethene		8.7	U	8.7	99
1,1-Dichloroethane		13	U	13	99
trans-1,2-Dichloroethene		13	U	13	99
cis-1,2-Dichloroethene		17	U	17	99
Chloroform		7.7	U	7.7	99
2-Butanone		230	U	230	490
1,2-Dichloroethane		19	U	19	99
1,1,1-Trichloroethane		6.1	U	6.1	99
Carbon tetrachloride		5.6	U	5.6	99
Benzene		8.1	U	8.1	99
Bromoform		19	U	19	99
Styrene		12	U	12	99
Ethylbenzene		9.4	U	9.4	99
Chlorobenzene		11	U	11	99
Cyclohexane		16	U	16	99
Isopropylbenzene		7.5	U	7.5	99
2-Hexanone		49	U	49	490
MTBE		14	U	14	99
Freon TF		8.1	U	8.1	99
Methyl acetate		33	U	33	490
1,4-Dioxane		3500	U	3500	4900
Trichloroethene		32	J	9.1	99
Toluene		15	U	15	99
trans-1,3-Dichloropropene		24	U	24	99
4-Methyl-2-pentanone		97	U	97	490
cis-1,3-Dichloropropene		18	U	18	99
1,2-Dichlorobenzene		20	U	20	99
1,3-Dichlorobenzene		13	U	13	99
1,4-Dichlorobenzene		23	U	23	99
1,2,4-Trichlorobenzene		1500		34	99
1,2,3-Trichlorobenzene		50	U	50	99
1,2-Dichloropropane		8.5	U	8.5	99
Methylcyclohexane		13	U	13	99
Tetrachloroethene		37	J	9.6	99
Xylenes, Total		340		35	300
1,2-Dibromo-3-Chloropropane		39	U	39	99
1,1,2,2-Tetrachloroethane		16	U	16	99
1,1,2-Trichloroethane		18	U	18	99

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-30 Date Sampled: 09/12/2013 1520
Client Matrix: Solid % Moisture: 16.1 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60655.D
Dilution:	50			Initial Weight/Volume:	6.048 g
Analysis Date:	09/19/2013 0502			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1149				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		20	U	20	99
1,2-Dibromoethane		27	U	27	99
Dichlorodifluoromethane		21	U	21	99
Bromochloromethane		27	U	27	99
Bromodichloromethane		12	U	12	99

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		75 - 135
Toluene-d8 (Surr)	79		59 - 150
Bromofluorobenzene	88		72 - 133
Dibromofluoromethane (Surr)	85		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-30 Date Sampled: 09/12/2013 1520
Client Matrix: Solid % Moisture: 16.1 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60655.D
Dilution:	50			Initial Weight/Volume:	6.048 g
Analysis Date:	09/19/2013 0502			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1149				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
2847-72-5	Decane, 4-methyl-	10.39	3400	J N
	Unknown	11.04	4600	J
1120-21-4	Undecane	11.10	4700	J N
4292-92-6	Cyclohexane, pentyl-	11.58	5700	J N
	Unknown Aromatic	11.70	4900	J
112-40-3	Dodecane	11.92	4900	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.03	6700	J N
	Unknown	12.12	5600	J
4912-92-9	1H-Indene, 2,3-dihydro-1,1-dimethyl-	12.33	3800	J N
	Unknown	12.40	6400	J

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-2SE-VD**

Lab Sample ID: 460-62968-31 Date Sampled: 09/12/2013 1545
Client Matrix: Solid % Moisture: 4.8 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182467	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363230.D
Dilution:	1.0			Initial Weight/Volume:	6.673 g
Analysis Date:	09/21/2013 0855			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1324				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.13	U	0.13	0.79
Bromomethane		0.34	U	0.34	0.79
Vinyl chloride		0.27	U	0.27	0.79
Chloroethane		0.26	U	0.26	0.79
Methylene Chloride		0.12	U	0.12	0.79
Acetone		6.2		1.3	3.9
Carbon disulfide		0.12	U	0.12	0.79
Trichlorofluoromethane		0.13	U	0.13	0.79
1,1-Dichloroethene		0.15	U	0.15	0.79
1,1-Dichloroethane		0.087	U	0.087	0.79
trans-1,2-Dichloroethene		0.10	U	0.10	0.79
cis-1,2-Dichloroethene		0.60	J	0.087	0.79
Chloroform		2.5		0.19	0.79
2-Butanone		0.50	U	0.50	3.9
1,2-Dichloroethane		0.14	U	0.14	0.79
1,1,1-Trichloroethane		0.10	U	0.10	0.79
Carbon tetrachloride		0.12	U	0.12	0.79
Benzene		0.12	U	0.12	0.79
Bromoform		0.13	U	0.13	0.79
Styrene		0.22	U	0.22	0.79
Ethylbenzene		0.13	U	0.13	0.79
Chlorobenzene		0.14	U	0.14	0.79
Cyclohexane		0.10	U	0.10	0.79
Isopropylbenzene		0.087	U	0.087	0.79
2-Hexanone		0.10	U	0.10	3.9
MTBE		0.087	U	0.087	0.79
Freon TF		0.087	U	0.087	0.79
Methyl acetate		0.25	U	0.25	0.79
1,4-Dioxane		10	U	10	16
Trichloroethene		2.7		0.094	0.79
Toluene		0.11	U	0.11	0.79
trans-1,3-Dichloropropene		0.079	U	0.079	0.79
4-Methyl-2-pentanone		0.16	U	0.16	3.9
cis-1,3-Dichloropropene		0.11	U	0.11	0.79
1,2-Dichlorobenzene		0.80		0.079	0.79
1,3-Dichlorobenzene		6.8		0.13	0.79
1,4-Dichlorobenzene		2.4		0.087	0.79
1,2,4-Trichlorobenzene		15		0.15	0.79
1,2,3-Trichlorobenzene		24		0.13	0.79
1,2-Dichloropropane		0.12	U *	0.12	0.79
Methylcyclohexane		0.079	U	0.079	0.79
Tetrachloroethene		0.43	J	0.094	0.79
Xylenes, Total		0.53	U	0.53	2.4
1,2-Dibromo-3-Chloropropane		0.35	U	0.35	0.79
1,1,2,2-Tetrachloroethane		0.071	U *	0.071	0.79
1,1,2-Trichloroethane		0.11	U	0.11	0.79

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-2SE-VD**

Lab Sample ID: 460-62968-31 Date Sampled: 09/12/2013 1545
Client Matrix: Solid % Moisture: 4.8 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182467	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363230.D
Dilution:	1.0			Initial Weight/Volume:	6.673 g
Analysis Date:	09/21/2013 0855			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1324				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 130
Toluene-d8 (Surr)	106		70 - 130
Bromofluorobenzene	129		70 - 130
Dibromofluoromethane (Surr)	108		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-2SE-VD**

Lab Sample ID: 460-62968-31 Date Sampled: 09/12/2013 1545
Client Matrix: Solid % Moisture: 4.8 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182467	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363230.D
Dilution:	1.0			Initial Weight/Volume:	6.673 g
Analysis Date:	09/21/2013 0855			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1324				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1000191-75-5	2-(3-Methylbuta-1,3-dienyl)cyclohexanone	11.10	55	J N
707-35-7	1,3,5-Trimethyladamantane	11.36	49	J N
	Unknown	11.61	42	J
	Unknown	12.06	74	J
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	12.31	67	J N
62238-33-9	Cyclohexane, 1-ethyl-2-propyl-	13.05	38	J N
	Unknown	13.15	48	J
	Unknown	13.23	63	J
57289-16-4	2,6-Naphthalenedione, octahydro-1,1,8a-t	13.37	40	J N
	Unknown	13.69	38	J

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-2SE-WT**

Lab Sample ID: 460-62968-32 Date Sampled: 09/12/2013 1550
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60708.D
Dilution:	50			Initial Weight/Volume:	6.525 g
Analysis Date:	09/20/2013 0324			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1151				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		7.9	U	7.9	81
Bromomethane		15	U	15	81
Vinyl chloride		12	U	12	81
Chloroethane		14	U	14	81
Methylene Chloride		15	U	15	81
Acetone		220	U	220	410
Carbon disulfide		10	U	10	81
Trichlorofluoromethane		12	U	12	81
1,1-Dichloroethene		7.2	U	7.2	81
1,1-Dichloroethane		11	U	11	81
trans-1,2-Dichloroethene		10	U	10	81
cis-1,2-Dichloroethene		14	U	14	81
Chloroform		21	J	6.4	81
2-Butanone		190	U	190	410
1,2-Dichloroethane		15	U	15	81
1,1,1-Trichloroethane		5.0	U	5.0	81
Carbon tetrachloride		4.6	U	4.6	81
Benzene		6.7	U	6.7	81
Bromoform		16	U	16	81
Styrene		9.6	U	9.6	81
Ethylbenzene		7.8	U	7.8	81
Chlorobenzene		8.9	U	8.9	81
Cyclohexane		13	U	13	81
Isopropylbenzene		6.2	U	6.2	81
2-Hexanone		41	U	41	410
MTBE		11	U	11	81
Freon TF		6.7	U	6.7	81
Methyl acetate		27	U	27	410
1,4-Dioxane		2900	U	2900	4100
Trichloroethene		7.5	U	7.5	81
Toluene		12	U	12	81
trans-1,3-Dichloropropene		20	U	20	81
4-Methyl-2-pentanone		80	U	80	410
cis-1,3-Dichloropropene		15	U	15	81
1,2-Dichlorobenzene		3100		17	81
1,3-Dichlorobenzene		2100		11	81
1,4-Dichlorobenzene		10000		19	81
1,2,4-Trichlorobenzene		4600		28	81
1,2,3-Trichlorobenzene		5600		42	81
1,2-Dichloropropane		7.0	U	7.0	81
Methylcyclohexane		11	U	11	81
Tetrachloroethene		7.9	U	7.9	81
Xylenes, Total		29	U	29	240
1,2-Dibromo-3-Chloropropane		32	U	32	81
1,1,2,2-Tetrachloroethane		13	U	13	81
1,1,2-Trichloroethane		15	U	15	81

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-2SE-WT**

Lab Sample ID: 460-62968-32 Date Sampled: 09/12/2013 1550
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60708.D
Dilution:	50			Initial Weight/Volume:	6.525 g
Analysis Date:	09/20/2013 0324			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1151				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		16	U	16	81
1,2-Dibromoethane		22	U	22	81
Dichlorodifluoromethane		17	U	17	81
Bromochloromethane		22	U	22	81
Bromodichloromethane		10	U	10	81

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		75 - 135
Toluene-d8 (Surr)	83		59 - 150
Bromofluorobenzene	90		72 - 133
Dibromofluoromethane (Surr)	88		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-2SE-WT**

Lab Sample ID: 460-62968-32 Date Sampled: 09/12/2013 1550
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182277	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60708.D
Dilution:	50			Initial Weight/Volume:	6.525 g
Analysis Date:	09/20/2013 0324			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1151				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	9.55	3200	J
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	11.05	4500	J N
99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-	11.30	2700	J N
1587-04-8	Benzene, 1-methyl-2-(2-propenyl)-	11.46	2700	J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	11.55	2300	J N
76089-59-3	1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	11.71	3900	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.77	2700	J N
874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	12.03	5300	J N
1758-85-6	Benzene, 2,4-diethyl-1-methyl-	12.33	3600	J N
97664-18-1	Benzene, 1-methyl-4-(1-methyl-2-propenyl	12.41	3800	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-2SE-SI**

Lab Sample ID: 460-62968-33 Date Sampled: 09/12/2013 1555
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60658.D
Dilution:	50			Initial Weight/Volume:	5.981 g
Analysis Date:	09/19/2013 0612			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1152				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		9.4	U	9.4	97
Bromomethane		18	U	18	97
Vinyl chloride		14	U	14	97
Chloroethane		16	U	16	97
Methylene Chloride		18	U	18	97
Acetone		260	U	260	490
Carbon disulfide		12	U	12	97
Trichlorofluoromethane		14	U	14	97
1,1-Dichloroethene		8.6	U	8.6	97
1,1-Dichloroethane		13	U	13	97
trans-1,2-Dichloroethene		12	U	12	97
cis-1,2-Dichloroethene		17	U	17	97
Chloroform		27	J	7.6	97
2-Butanone		230	U	230	490
1,2-Dichloroethane		18	U	18	97
1,1,1-Trichloroethane		6.0	U	6.0	97
Carbon tetrachloride		5.5	U	5.5	97
Benzene		8.0	U	8.0	97
Bromoform		19	U	19	97
Styrene		12	U	12	97
Ethylbenzene		36	J	9.3	97
Chlorobenzene		72	J	11	97
Cyclohexane		15	U	15	97
Isopropylbenzene		99		7.4	97
2-Hexanone		49	U	49	490
MTBE		13	U	13	97
Freon TF		8.0	U	8.0	97
Methyl acetate		33	U	33	490
1,4-Dioxane		3500	U	3500	4900
Trichloroethene		30	J	8.9	97
Toluene		26	J	14	97
trans-1,3-Dichloropropene		24	U	24	97
4-Methyl-2-pentanone		96	U	96	490
cis-1,3-Dichloropropene		18	U	18	97
1,2-Dichlorobenzene		2100		20	97
1,3-Dichlorobenzene		1700		13	97
1,4-Dichlorobenzene		5500		23	97
1,2,4-Trichlorobenzene		4900		33	97
1,2,3-Trichlorobenzene		4000		50	97
1,2-Dichloropropane		8.3	U	8.3	97
Methylcyclohexane		120		13	97
Tetrachloroethene		39	J	9.4	97
Xylenes, Total		1100		35	290
1,2-Dibromo-3-Chloropropane		39	U	39	97
1,1,2,2-Tetrachloroethane		15	U	15	97
1,1,2-Trichloroethane		18	U	18	97

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-2SE-SI**

Lab Sample ID: 460-62968-33 Date Sampled: 09/12/2013 1555
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60658.D
Dilution:	50			Initial Weight/Volume:	5.981 g
Analysis Date:	09/19/2013 0612			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1152				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		19	U	19	97
1,2-Dibromoethane		27	U	27	97
Dichlorodifluoromethane		21	U	21	97
Bromochloromethane		27	U	27	97
Bromodichloromethane		12	U	12	97

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		75 - 135
Toluene-d8 (Surr)	84		59 - 150
Bromofluorobenzene	93		72 - 133
Dibromofluoromethane (Surr)	87		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-2SE-SI**

Lab Sample ID: 460-62968-33 Date Sampled: 09/12/2013 1555
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-181329	Lab File ID:	B60658.D
Dilution:	50			Initial Weight/Volume:	5.981 g
Analysis Date:	09/19/2013 0612			Final Weight/Volume:	10 mL
Prep Date:	09/14/2013 1152				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown alkane	9.54	4200	J
	Unknown	9.74	2700	J
1560-06-1	Benzene, 2-butenyl-	11.46	2600	J N
15932-80-6	Cyclohexanone, 5-methyl-2-(1-methylethyl	11.54	2700	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.71	3600	J N
112-40-3	Dodecane	11.92	2500	J N
535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-	12.03	5700	J N
	Unknown	12.13	3400	J
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	12.33	3600	J N
97664-19-2	Benzene, 1-methyl-2-(1-methyl-2-propenyl	12.40	5000	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-34 Date Sampled: 09/12/2013 1615
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182467	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363232.D
Dilution:	1.0			Initial Weight/Volume:	5.403 g
Analysis Date:	09/21/2013 0943			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1330				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.16	U	0.16	0.98
Bromomethane		0.42	U	0.42	0.98
Vinyl chloride		0.33	U	0.33	0.98
Chloroethane		0.32	U	0.32	0.98
Methylene Chloride		0.15	U	0.15	0.98
Acetone		1.7	U	1.7	4.9
Carbon disulfide		0.15	U	0.15	0.98
Trichlorofluoromethane		0.16	U	0.16	0.98
1,1-Dichloroethene		0.19	U	0.19	0.98
1,1-Dichloroethane		0.11	U	0.11	0.98
trans-1,2-Dichloroethene		0.13	U	0.13	0.98
cis-1,2-Dichloroethene		0.11	U	0.11	0.98
Chloroform		2.5		0.23	0.98
2-Butanone		0.62	U	0.62	4.9
1,2-Dichloroethane		0.18	U	0.18	0.98
1,1,1-Trichloroethane		0.13	U	0.13	0.98
Carbon tetrachloride		0.15	U	0.15	0.98
Benzene		0.17	J	0.15	0.98
Bromoform		0.17	U	0.17	0.98
Styrene		0.27	U	0.27	0.98
Ethylbenzene		0.17	U	0.17	0.98
Chlorobenzene		0.18	U	0.18	0.98
Cyclohexane		0.13	U	0.13	0.98
Isopropylbenzene		0.11	U	0.11	0.98
2-Hexanone		0.13	U	0.13	4.9
MTBE		0.11	U	0.11	0.98
Freon TF		0.11	U	0.11	0.98
Methyl acetate		0.31	U	0.31	0.98
1,4-Dioxane		12	U	12	20
Trichloroethene		2.4		0.12	0.98
Toluene		0.14	U	0.14	0.98
trans-1,3-Dichloropropene		0.098	U	0.098	0.98
4-Methyl-2-pentanone		0.20	U	0.20	4.9
cis-1,3-Dichloropropene		0.14	U	0.14	0.98
1,2-Dichlorobenzene		0.098	U	0.098	0.98
1,3-Dichlorobenzene		0.16	U	0.16	0.98
1,4-Dichlorobenzene		0.11	U	0.11	0.98
1,2,4-Trichlorobenzene		0.19	U	0.19	0.98
1,2,3-Trichlorobenzene		0.16	U	0.16	0.98
1,2-Dichloropropane		0.15	U *	0.15	0.98
Methylcyclohexane		0.098	U	0.098	0.98
Tetrachloroethene		0.58	J	0.12	0.98
Xylenes, Total		0.65	U	0.65	2.9
1,2-Dibromo-3-Chloropropane		0.43	U	0.43	0.98
1,1,2,2-Tetrachloroethane		0.088	U *	0.088	0.98
1,1,2-Trichloroethane		0.14	U	0.14	0.98

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-34 Date Sampled: 09/12/2013 1615
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182467	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363232.D
Dilution:	1.0			Initial Weight/Volume:	5.403 g
Analysis Date:	09/21/2013 0943			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1330				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.098	U	0.098	0.98
1,2-Dibromoethane		0.15	U	0.15	0.98
Dichlorodifluoromethane		0.21	U	0.21	0.98
Bromochloromethane		0.11	U	0.11	0.98
Bromodichloromethane		0.31	U	0.31	0.98

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 130
Toluene-d8 (Surr)	114		70 - 130
Bromofluorobenzene	123		70 - 130
Dibromofluoromethane (Surr)	114		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-34 Date Sampled: 09/12/2013 1615
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182467	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363232.D
Dilution:	1.0			Initial Weight/Volume:	5.403 g
Analysis Date:	09/21/2013 0943			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1330				

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: 460-62968-1

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

Lab Sample ID: 460-62968-35 Date Sampled: 09/12/2013 1620
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363153.D
Dilution:	1.0			Initial Weight/Volume:	5.82 g
Analysis Date:	09/19/2013 1958			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1331				

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		1.5	U	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		0.30	J	0.098	0.89
1,2,4-Trichlorobenzene		0.17	U	0.17	0.89
1,2,3-Trichlorobenzene		0.14	U	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: 460-62968-1

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

Lab Sample ID: 460-62968-35 Date Sampled: 09/12/2013 1620
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363153.D
Dilution:	1.0			Initial Weight/Volume:	5.82 g
Analysis Date:	09/19/2013 1958			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1331				

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)	90		70 - 130
Toluene-d8 (Surr)	107		70 - 130
Bromofluorobenzene	105		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-35 Date Sampled: 09/12/2013 1620
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363153.D
Dilution:	1.0			Initial Weight/Volume:	5.82 g
Analysis Date:	09/19/2013 1958			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1331				

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: 460-62968-1

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

Lab Sample ID: 460-62968-36 Date Sampled: 09/12/2013 1625
Client Matrix: Solid % Moisture: 11.7 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363131.D
Dilution:	1.0			Initial Weight/Volume:	6.762 g
Analysis Date:	09/19/2013 1105			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1334				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.13	U	0.13	0.84
Bromomethane		0.36	U	0.36	0.84
Vinyl chloride		0.28	U	0.28	0.84
Chloroethane		0.28	U	0.28	0.84
Methylene Chloride		0.13	U	0.13	0.84
Acetone		1.4	U	1.4	4.2
Carbon disulfide		0.13	U	0.13	0.84
Trichlorofluoromethane		0.13	U	0.13	0.84
1,1-Dichloroethene		0.16	U	0.16	0.84
1,1-Dichloroethane		0.092	U	0.092	0.84
trans-1,2-Dichloroethene		0.11	U	0.11	0.84
cis-1,2-Dichloroethene		0.092	U	0.092	0.84
Chloroform		0.47	J	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		0.23	U	0.23	0.84
Ethylbenzene		0.14	U	0.14	0.84
Chlorobenzene		0.15	U	0.15	0.84
Cyclohexane		0.11	U	0.11	0.84
Isopropylbenzene		0.092	U	0.092	0.84
2-Hexanone		0.11	U	0.11	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		0.64	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		0.084	U	0.084	0.84
Tetrachloroethene		0.10	U	0.10	0.84
Xylenes, Total		0.56	U	0.56	2.5
1,2-Dibromo-3-Chloropropane		0.37	U	0.37	0.84
1,1,2,2-Tetrachloroethane		0.075	U	0.075	0.84
1,1,2-Trichloroethane		0.12	U	0.12	0.84

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-36 Date Sampled: 09/12/2013 1625
Client Matrix: Solid % Moisture: 11.7 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363131.D
Dilution:	1.0			Initial Weight/Volume:	6.762 g
Analysis Date:	09/19/2013 1105			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1334				

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)	91		70 - 130
Toluene-d8 (Surr)	105		70 - 130
Bromofluorobenzene	106		70 - 130
Dibromofluoromethane (Surr)	93		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-36 Date Sampled: 09/12/2013 1625
Client Matrix: Solid % Moisture: 11.7 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363131.D
Dilution:	1.0			Initial Weight/Volume:	6.762 g
Analysis Date:	09/19/2013 1105			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1334				

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: 460-62968-1

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

Lab Sample ID: 460-62968-37 Date Sampled: 09/12/2013 1635
Client Matrix: Solid % Moisture: 5.1 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363121.D
Dilution:	1.0			Initial Weight/Volume:	4.463 g
Analysis Date:	09/19/2013 0713			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1335				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.19	U	0.19	1.2
Bromomethane		0.51	U	0.51	1.2
Vinyl chloride		0.40	U	0.40	1.2
Chloroethane		0.39	U	0.39	1.2
Methylene Chloride		0.18	U	0.18	1.2
Acetone		2.0	U	2.0	5.9
Carbon disulfide		0.18	U	0.18	1.2
Trichlorofluoromethane		0.19	U	0.19	1.2
1,1-Dichloroethene		0.22	U	0.22	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
trans-1,2-Dichloroethene		0.15	U	0.15	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
Chloroform		0.28	U	0.28	1.2
2-Butanone		0.74	U	0.74	5.9
1,2-Dichloroethane		0.21	U	0.21	1.2
1,1,1-Trichloroethane		0.15	U	0.15	1.2
Carbon tetrachloride		0.18	U	0.18	1.2
Benzene		0.18	U	0.18	1.2
Bromoform		0.20	U	0.20	1.2
Styrene		0.33	U	0.33	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	5.9
MTBE		0.13	U	0.13	1.2
Freon TF		0.13	U	0.13	1.2
Methyl acetate		0.38	U	0.38	1.2
1,4-Dioxane		15	U	15	24
Trichloroethene		0.14	U	0.14	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		0.24	U	0.24	5.9
cis-1,3-Dichloropropene		0.17	U	0.17	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,3-Dichlorobenzene		0.19	U	0.19	1.2
1,4-Dichlorobenzene		0.77	J	0.13	1.2
1,2,4-Trichlorobenzene		0.22	U	0.22	1.2
1,2,3-Trichlorobenzene		0.19	U	0.19	1.2
1,2-Dichloropropane		0.18	U	0.18	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Tetrachloroethene		0.14	U	0.14	1.2
Xylenes, Total		0.79	U	0.79	3.5
1,2-Dibromo-3-Chloropropane		0.52	U	0.52	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: 460-62968-1

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

Lab Sample ID: 460-62968-37 Date Sampled: 09/12/2013 1635
Client Matrix: Solid % Moisture: 5.1 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363121.D
Dilution:	1.0			Initial Weight/Volume:	4.463 g
Analysis Date:	09/19/2013 0713			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1335				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.12	U	0.12	1.2
1,2-Dibromoethane		0.18	U	0.18	1.2
Dichlorodifluoromethane		0.26	U	0.26	1.2
Bromochloromethane		0.13	U	0.13	1.2
Bromodichloromethane		0.38	U	0.38	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 130
Toluene-d8 (Surr)	105		70 - 130
Bromofluorobenzene	97		70 - 130
Dibromofluoromethane (Surr)	89		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-37 Date Sampled: 09/12/2013 1635
Client Matrix: Solid % Moisture: 5.1 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363121.D
Dilution:	1.0			Initial Weight/Volume:	4.463 g
Analysis Date:	09/19/2013 0713			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1335				

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: 460-62968-1

Client Sample ID: **PMP-23SE-VD**

Lab Sample ID: 460-62968-38 Date Sampled: 09/12/2013 1640
Client Matrix: Solid % Moisture: 3.5 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363154.D
Dilution:	1.0			Initial Weight/Volume:	5.47 g
Analysis Date:	09/19/2013 2022			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1338				

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		1.6	U	1.6	4.7
Carbon disulfide		0.14	U	0.14	0.95
Trichlorofluoromethane		0.15	U	0.15	0.95
1,1-Dichloroethene		0.18	U	0.18	0.95
1,1-Dichloroethane		0.10	U	0.10	0.95
trans-1,2-Dichloroethene		0.12	U	0.12	0.95
cis-1,2-Dichloroethene		0.10	U	0.10	0.95
Chloroform		4.1		0.23	0.95
2-Butanone		0.60	U *	0.60	4.7
1,2-Dichloroethane		0.17	U	0.17	0.95
1,1,1-Trichloroethane		0.12	U	0.12	0.95
Carbon tetrachloride		0.14	U	0.14	0.95
Benzene		0.14	U	0.14	0.95
Bromoform		0.16	U	0.16	0.95
Styrene		0.27	U	0.27	0.95
Ethylbenzene		0.16	U	0.16	0.95
Chlorobenzene		0.17	U	0.17	0.95
Cyclohexane		0.12	U	0.12	0.95
Isopropylbenzene		0.10	U	0.10	0.95
2-Hexanone		0.12	U	0.12	4.7
MTBE		0.10	U	0.10	0.95
Freon TF		0.10	U	0.10	0.95
Methyl acetate		0.30	U	0.30	0.95
1,4-Dioxane		12	U	12	19
Trichloroethene		1.7		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	4.7
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		0.19	J	0.10	0.95
1,2,4-Trichlorobenzene		0.38	J	0.18	0.95
1,2,3-Trichlorobenzene		0.29	J	0.15	0.95
1,2-Dichloropropane		0.14	U	0.14	0.95
Methylcyclohexane		0.095	U	0.095	0.95
Tetrachloroethene		1.1		0.11	0.95
Xylenes, Total		0.63	U	0.63	2.8
1,2-Dibromo-3-Chloropropane		0.42	U	0.42	0.95
1,1,2,2-Tetrachloroethane		0.085	U	0.085	0.95
1,1,2-Trichloroethane		0.13	U	0.13	0.95

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-23SE-VD**

Lab Sample ID: 460-62968-38 Date Sampled: 09/12/2013 1640
Client Matrix: Solid % Moisture: 3.5 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363154.D
Dilution:	1.0			Initial Weight/Volume:	5.47 g
Analysis Date:	09/19/2013 2022			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1338				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 130
Toluene-d8 (Surr)	113		70 - 130
Bromofluorobenzene	125		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-23SE-VD**

Lab Sample ID: 460-62968-38 Date Sampled: 09/12/2013 1640
Client Matrix: Solid % Moisture: 3.5 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363154.D
Dilution:	1.0			Initial Weight/Volume:	5.47 g
Analysis Date:	09/19/2013 2022			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1338				

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: 460-62968-1

Client Sample ID: **PMP-23SE-WT**

Lab Sample ID: 460-62968-39 Date Sampled: 09/12/2013 1645
Client Matrix: Solid % Moisture: 4.6 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363123.D
Dilution:	1.0			Initial Weight/Volume:	5.73 g
Analysis Date:	09/19/2013 0801			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1339				

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	4.6
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		0.58	U	0.58	4.6
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		0.16	U	0.16	0.91
Styrene		0.26	U	0.26	0.91
Ethylbenzene		0.16	U	0.16	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	4.6
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	4.6
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		0.56	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: 460-62968-1

Client Sample ID: **PMP-23SE-WT**

Lab Sample ID: 460-62968-39 Date Sampled: 09/12/2013 1645
Client Matrix: Solid % Moisture: 4.6 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363123.D
Dilution:	1.0			Initial Weight/Volume:	5.73 g
Analysis Date:	09/19/2013 0801			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1339				

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)	88		70 - 130
Toluene-d8 (Surr)	111		70 - 130
Bromofluorobenzene	101		70 - 130
Dibromofluoromethane (Surr)	90		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-23SE-WT**

Lab Sample ID: 460-62968-39 Date Sampled: 09/12/2013 1645
Client Matrix: Solid % Moisture: 4.6 Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363123.D
Dilution:	1.0			Initial Weight/Volume:	5.73 g
Analysis Date:	09/19/2013 0801			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1339				

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: 460-62968-1

Client Sample ID: **FB-091213**

Lab Sample ID: 460-62968-40 Date Sampled: 09/12/2013 0710
Client Matrix: Water Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182051	Instrument ID:	CVOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P75173.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 2139			Final Weight/Volume:	5 mL
Prep Date:	09/18/2013 2139				

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	5.0
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: 460-62968-1

Client Sample ID: **FB-091213**

Lab Sample ID: 460-62968-40 Date Sampled: 09/12/2013 0710
Client Matrix: Water Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182051	Instrument ID:	CVOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P75173.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 2139			Final Weight/Volume:	5 mL
Prep Date:	09/18/2013 2139				

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)	113		70 - 130
Toluene-d8 (Surr)	101		70 - 130
Bromofluorobenzene	96		70 - 130
Dibromofluoromethane (Surr)	105		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **FB-091213**

Lab Sample ID: 460-62968-40 Date Sampled: 09/12/2013 0710
Client Matrix: Water Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182051	Instrument ID:	CVOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P75173.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 2139			Final Weight/Volume:	5 mL
Prep Date:	09/18/2013 2139				

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: 460-62968-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 460-62968-41TB Date Sampled: 09/12/2013 1645
Client Matrix: Solid Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363120.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	09/19/2013 0649			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1341				

Analyte	DryWt Corrected: N	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		0.54	J	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		0.80	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: 460-62968-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 460-62968-41TB Date Sampled: 09/12/2013 1645
Client Matrix: Solid Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363120.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	09/19/2013 0649			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1341				

Analyte	DryWt Corrected: N	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)	94		70 - 130
Toluene-d8 (Surr)	111		70 - 130
Bromofluorobenzene	103		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 460-62968-41TB Date Sampled: 09/12/2013 1645
Client Matrix: Solid Date Received: 09/13/2013 1530

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-181338	Lab File ID:	D363120.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	09/19/2013 0649			Final Weight/Volume:	5 mL
Prep Date:	09/14/2013 1341				

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: 460-62968-1

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

Lab Sample ID: 460-62968-1 Date Sampled: 09/12/2013 0845
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U90995.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 0640			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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		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	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		41	U	41	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: 460-62968-1

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

Lab Sample ID: 460-62968-1 Date Sampled: 09/12/2013 0845
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U90995.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 0640			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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	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	86		38 - 105
Phenol-d5	91		41 - 118
Terphenyl-d14	79		16 - 151
2,4,6-Tribromophenol	104		10 - 120
2-Fluorophenol	92		37 - 125
2-Fluorobiphenyl	84		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-1 Date Sampled: 09/12/2013 0845
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U90995.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 0640			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
17312-82-2	Undecane, 4,6-dimethyl-	6.82	610	J N
1000282-04-8	Methoxyacetic acid, 2-tetradecyl ester	7.34	340	J N
1000104-10-8	3-Methyl-4-(methoxycarbonyl)hexa-2,4-die	7.45	280	J N
544-76-3	Hexadecane	7.52	680	J N
	Unknown	7.56	410	J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	7.74	1700	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.00	3500	J N
612-75-9	3,3'-Dimethylbiphenyl	8.17	510	J N
2050-77-3	Decane, 1-iodo-	8.20	380	J N
593-45-3	n-Octadecane	8.42	360	
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.46	1600	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.60	420	J N
14905-56-7	Tetradecane, 2,6,10-trimethyl-	8.79	410	J N
629-92-5	Nonadecane	8.84	670	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	9.01	320	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-2 Date Sampled: 09/12/2013 0850
Client Matrix: Solid % Moisture: 13.5 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U90996.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0703			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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: 460-62968-1

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

Lab Sample ID: 460-62968-2 Date Sampled: 09/12/2013 0850
Client Matrix: Solid % Moisture: 13.5 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U90996.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0703			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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	77		38 - 105
Phenol-d5	97		41 - 118
Terphenyl-d14	84		16 - 151
2,4,6-Tribromophenol	110		10 - 120
2-Fluorophenol	96		37 - 125
2-Fluorobiphenyl	74		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-2 Date Sampled: 09/12/2013 0850
Client Matrix: Solid % Moisture: 13.5 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U90996.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0703			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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: 460-62968-1

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

Lab Sample ID: 460-62968-3 Date Sampled: 09/12/2013 0855
Client Matrix: Solid % Moisture: 13.7 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U90997.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0726			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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: 460-62968-1

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

Lab Sample ID: 460-62968-3 Date Sampled: 09/12/2013 0855
Client Matrix: Solid % Moisture: 13.7 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U90997.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0726			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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	70		38 - 105
Phenol-d5	90		41 - 118
Terphenyl-d14	74		16 - 151
2,4,6-Tribromophenol	89		10 - 120
2-Fluorophenol	95		37 - 125
2-Fluorobiphenyl	67		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-3 Date Sampled: 09/12/2013 0855
Client Matrix: Solid % Moisture: 13.7 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U90997.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0726			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **2**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
504-44-9	Hexadecane, 2,6,11,15-tetramethyl-	7.99	700	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.45	380	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-4 Date Sampled: 09/12/2013 0900
Client Matrix: Solid % Moisture: 5.4 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182194	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91021.D
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1820			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		230	U	230	1700
2-Chlorophenol		230	U	230	1700
2-Methylphenol		300	U	300	1700
4-Methylphenol		340	U	340	1700
Benzaldehyde		210	U	210	1700
Acetophenone		270	U	270	1700
Bis(2-chloroethyl)ether		24	U	24	170
2,2'-oxybis[1-chloropropane]		190	U	190	1700
N-Nitrosodi-n-propylamine		29	U	29	170
Nitrobenzene		25	U	25	170
Hexachloroethane		19	U	19	170
Isophorone		210	U	210	1700
2-Nitrophenol		190	U	190	1700
2,4-Dimethylphenol		430	U	430	1700
2,4-Dichlorophenol		260	U	260	1700
Bis(2-chloroethoxy)methane		230	U	230	1700
Naphthalene		200	U	200	1700
4-Chloroaniline		460	U	460	1700
Hexachlorobutadiene		43	U	43	350
Caprolactam		400	U	400	1700
4-Chloro-3-methylphenol		260	U	260	1700
2-Methylnaphthalene		220	U	220	1700
Hexachlorobenzene		24	U	24	170
Hexachlorocyclopentadiene		210	U	210	1700
2,4,6-Trichlorophenol		200	U	200	1700
2,4,5-Trichlorophenol		230	U	230	1700
Diphenyl		230	U	230	1700
2-Chloronaphthalene		190	U	190	1700
2-Nitroaniline		730	U	730	3500
2,6-Dinitrotoluene		53	U	53	350
Dimethyl phthalate		210	U	210	1700
Acenaphthylene		210	U	210	1700
3-Nitroaniline		620	U	620	3500
Acenaphthene		250	U	250	1700
4-Nitrophenol		1100	U	1100	5300
2,4-Dinitrophenol		990	U	990	5300
Dibenzofuran		200	U	200	1700
Diethyl phthalate		210	U	210	1700
Fluorene		220	U	220	1700
Fluoranthene		230	U	230	1700
Di-n-butyl phthalate		220	U	220	1700
2,4-Dinitrotoluene		58	U	58	350
4-Chlorophenyl phenyl ether		200	U	200	1700
4-Nitroaniline		540	U	540	3500
4,6-Dinitro-2-methylphenol		480	U	480	5300
4-Bromophenyl phenyl ether		170	U	170	1700

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-4 Date Sampled: 09/12/2013 0900
Client Matrix: Solid % Moisture: 5.4 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182194	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91021.D
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1820			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		270	U	270	1700
Anthracene		210	U	210	1700
Carbazole		210	U	210	1700
Phenanthrene		220	U	220	1700
Pentachlorophenol		520	U	520	5300
Pyrene		300	J	150	1700
Chrysene		200	U	200	1700
Benzo[k]fluoranthene		13	U	13	170
Benzo[g,h,i]perylene		130	U	130	1700
Benzo[b]fluoranthene		11	U	11	170
Benzo[a]pyrene		12	U	12	170
Benzo[a]anthracene		12	U	12	170
N-Nitrosodiphenylamine		170	U	170	1700
Butyl benzyl phthalate		160	U	160	1700
Bis(2-ethylhexyl) phthalate		580	U	580	1700
Di-n-octyl phthalate		110	U	110	1700
Indeno[1,2,3-cd]pyrene		32	U	32	170
Dibenz(a,h)anthracene		22	U	22	170
3,3'-Dichlorobenzidine		610	U	610	3500
1,2,4,5-Tetrachlorobenzene		230	U	230	1700
2,3,4,6-Tetrachlorophenol		230	U	230	1700

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	89		38 - 105
Phenol-d5	81		41 - 118
Terphenyl-d14	68		16 - 151
2,4,6-Tribromophenol	68		10 - 120
2-Fluorophenol	82		37 - 125
2-Fluorobiphenyl	79		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-4 Date Sampled: 09/12/2013 0900
Client Matrix: Solid % Moisture: 5.4 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182194	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91021.D
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1820			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	2.43	10000	J
17301-23-4	Undecane, 2,6-dimethyl-	6.82	8600	J N
629-62-9	Pentadecane	7.02	39000	J N
544-76-3	Hexadecane	7.52	14000	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	7.74	17000	J N
57383-81-0	Phenol, 2,3,5-tribromo-	7.84	12000	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.00	110000	J N
529-05-5	Azulene, 7-ethyl-1,4-dimethyl-	8.03	9500	J N
605-39-0	2,2'-Dimethylbiphenyl	8.17	14000	J N
17301-29-0	Undecane, 3,7-dimethyl-	8.20	8600	J N
593-45-3	Octadecane	8.42	27000	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.45	38000	J N
55045-10-8	Tridecane, 6-propyl-	8.60	12000	J N
629-92-5	Nonadecane	8.84	22000	J N
112-95-8	Eicosane	9.23	8600	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-5 Date Sampled: 09/12/2013 0920
Client Matrix: Solid % Moisture: 6.2 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U90998.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0749			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		60	U	60	350
4-Methylphenol		69	U	69	350
Benzaldehyde		41	U	41	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
Nitrobenzene		5.0	U	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		43	U	43	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		87	U	87	350
2,4-Dichlorophenol		52	U	52	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		41	U	41	350
4-Chloroaniline		93	U	93	350
Hexachlorobutadiene		8.6	U	8.6	71
Caprolactam		81	U	81	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	710
2,6-Dinitrotoluene		11	U	11	71
Dimethyl phthalate		42	U	42	350
Acenaphthylene		42	U	42	350
3-Nitroaniline		120	U	120	710
Acenaphthene		51	U	51	350
4-Nitrophenol		230	U	230	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		47	U	47	350
Di-n-butyl phthalate		50	J	43	350
2,4-Dinitrotoluene		12	U	12	71
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
4,6-Dinitro-2-methylphenol		96	U	96	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-5 Date Sampled: 09/12/2013 0920
Client Matrix: Solid % Moisture: 6.2 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U90998.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0749			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		54	U	54	350
Anthracene		43	U	43	350
Carbazole		42	U	42	350
Phenanthrene		45	U	45	350
Pentachlorophenol		110	U	110	1100
Pyrene		30	U	30	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.7	U	2.7	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.5	U	2.5	35
N-Nitrosodiphenylamine		35	U	35	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.6	U	6.6	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	71		38 - 105
Phenol-d5	101		41 - 118
Terphenyl-d14	82		16 - 151
2,4,6-Tribromophenol	97		10 - 120
2-Fluorophenol	97		37 - 125
2-Fluorobiphenyl	69		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-5 Date Sampled: 09/12/2013 0920
Client Matrix: Solid % Moisture: 6.2 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U90998.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0749			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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: 460-62968-1

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

Lab Sample ID: 460-62968-6 Date Sampled: 09/12/2013 0925
Client Matrix: Solid % Moisture: 13.0 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U90999.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0812			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		51	U	51	380
2-Chlorophenol		50	U	50	380
2-Methylphenol		65	U	65	380
4-Methylphenol		75	U	75	380
Benzaldehyde		45	U	45	380
Acetophenone		58	U	58	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.3	U	6.3	38
Nitrobenzene		5.4	U	5.4	38
Hexachloroethane		4.2	U	4.2	38
Isophorone		46	U	46	380
2-Nitrophenol		42	U	42	380
2,4-Dimethylphenol		94	U	94	380
2,4-Dichlorophenol		56	U	56	380
Bis(2-chloroethoxy)methane		49	U	49	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.3	U	9.3	77
Caprolactam		88	U	88	380
4-Chloro-3-methylphenol		57	U	57	380
2-Methylnaphthalene		49	U	49	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorocyclopentadiene		45	U	45	380
2,4,6-Trichlorophenol		44	U	44	380
2,4,5-Trichlorophenol		49	U	49	380
Diphenyl		51	U	51	380
2-Chloronaphthalene		42	U	42	380
2-Nitroaniline		160	U	160	770
2,6-Dinitrotoluene		11	U	11	77
Dimethyl phthalate		45	U	45	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		130	U	130	770
Acenaphthene		55	U	55	380
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		220	U	220	1100
Dibenzofuran		45	U	45	380
Diethyl phthalate		45	U	45	380
Fluorene		360	J	49	380
Fluoranthene		51	U	51	380
Di-n-butyl phthalate		47	U	47	380
2,4-Dinitrotoluene		13	U	13	77
4-Chlorophenyl phenyl ether		45	U	45	380
4-Nitroaniline		120	U	120	770
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		38	U	38	380

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-6 Date Sampled: 09/12/2013 0925
Client Matrix: Solid % Moisture: 13.0 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U90999.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0812			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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		1200		48	380
Pentachlorophenol		110	U	110	1100
Pyrene		300	J	32	380
Chrysene		44	U	44	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.7	U	2.7	38
N-Nitrosodiphenylamine		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		7.1	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		49	U	49	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	71		38 - 105
Phenol-d5	89		41 - 118
Terphenyl-d14	86		16 - 151
2,4,6-Tribromophenol	55		10 - 120
2-Fluorophenol	84		37 - 125
2-Fluorobiphenyl	50		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-6 Date Sampled: 09/12/2013 0925
Client Matrix: Solid % Moisture: 13.0 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U90999.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0812			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
629-62-9	Pentadecane	7.06	7900	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	7.79	6100	J N
	Unknown alkane	7.86	9600	J
1000104-10-8	3-Methyl-4-(methoxycarbonyl)hexa-2,4-die	8.07	23000	J N
	Unknown alkane	8.23	5900	J
	Unknown	8.26	3900	J
7225-66-3	Tridecane, 7-hexyl-	8.32	3900	J N
38444-81-4	1,1'-Biphenyl, 2,3',5-trichloro-	8.48	3900	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.51	12000	J N
	Unknown alkane	8.65	5200	J
16587-52-3	Dibenzothiophene, 3-methyl-	8.88	7000	J N
16587-52-3	Dibenzothiophene, 3-methyl-	8.96	14000	J N
832-69-9	Phenanthrene, 1-methyl-	9.05	6400	J N
2531-84-2	Phenanthrene, 2-methyl-	9.08	4300	J N
610-48-0	Anthracene, 1-methyl-	9.16	5500	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-7 Date Sampled: 09/12/2013 0930
Client Matrix: Solid % Moisture: 13.4 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91000.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 0835			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		51	U	51	380
2-Chlorophenol		50	U	50	380
2-Methylphenol		65	U	65	380
4-Methylphenol		75	U	75	380
Benzaldehyde		45	U	45	380
Acetophenone		59	U	59	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.4	U	6.4	38
Nitrobenzene		5.4	U	5.4	38
Hexachloroethane		4.2	U	4.2	38
Isophorone		46	U	46	380
2-Nitrophenol		43	U	43	380
2,4-Dimethylphenol		94	U	94	380
2,4-Dichlorophenol		56	U	56	380
Bis(2-chloroethoxy)methane		49	U	49	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.3	U	9.3	77
Caprolactam		88	U	88	380
4-Chloro-3-methylphenol		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		45	U	45	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: 460-62968-1

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

Lab Sample ID: 460-62968-7 Date Sampled: 09/12/2013 0930
Client Matrix: Solid % Moisture: 13.4 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91000.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 0835			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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	63		38 - 105
Phenol-d5	98		41 - 118
Terphenyl-d14	80		16 - 151
2,4,6-Tribromophenol	98		10 - 120
2-Fluorophenol	89		37 - 125
2-Fluorobiphenyl	62		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-7 Date Sampled: 09/12/2013 0930
Client Matrix: Solid % Moisture: 13.4 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91000.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 0835			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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: 460-62968-1

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

Lab Sample ID: 460-62968-8 Date Sampled: 09/12/2013 1000
Client Matrix: Solid % Moisture: 7.0 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91001.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0858			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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		5.0	U	5.0	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: 460-62968-1

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

Lab Sample ID: 460-62968-8 Date Sampled: 09/12/2013 1000
Client Matrix: Solid % Moisture: 7.0 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91001.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0858			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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	69		38 - 105
Phenol-d5	102		41 - 118
Terphenyl-d14	82		16 - 151
2,4,6-Tribromophenol	94		10 - 120
2-Fluorophenol	96		37 - 125
2-Fluorobiphenyl	69		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-8 Date Sampled: 09/12/2013 1000
Client Matrix: Solid % Moisture: 7.0 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91001.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0858			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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: 460-62968-1

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

Lab Sample ID: 460-62968-9 Date Sampled: 09/12/2013 1005
Client Matrix: Solid % Moisture: 11.7 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182194	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91022.D
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/19/2013 1843			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		250	U	250	1900
2-Chlorophenol		250	U	250	1900
2-Methylphenol		320	U	320	1900
4-Methylphenol		370	U	370	1900
Benzaldehyde		220	U	220	1900
Acetophenone		290	U	290	1900
Bis(2-chloroethyl)ether		25	U	25	190
2,2'-oxybis[1-chloropropane]		210	U	210	1900
N-Nitrosodi-n-propylamine		31	U	31	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		460	U	460	1900
2,4-Dichlorophenol		270	U	270	1900
Bis(2-chloroethoxy)methane		240	U	240	1900
Naphthalene		220	U	220	1900
4-Chloroaniline		490	U	490	1900
Hexachlorobutadiene		46	U	46	380
Caprolactam		430	U	430	1900
4-Chloro-3-methylphenol		280	U	280	1900
2-Methylnaphthalene		240	U	240	1900
Hexachlorobenzene		26	U	26	190
Hexachlorocyclopentadiene		220	U	220	1900
2,4,6-Trichlorophenol		220	U	220	1900
2,4,5-Trichlorophenol		240	U	240	1900
Diphenyl		250	U	250	1900
2-Chloronaphthalene		210	U	210	1900
2-Nitroaniline		780	U	780	3800
2,6-Dinitrotoluene		56	U	56	380
Dimethyl phthalate		220	U	220	1900
Acenaphthylene		220	U	220	1900
3-Nitroaniline		660	U	660	3800
Acenaphthene		270	U	270	1900
4-Nitrophenol		1200	U	1200	5700
2,4-Dinitrophenol		1100	U	1100	5700
Dibenzofuran		220	U	220	1900
Diethyl phthalate		220	U	220	1900
Fluorene		240	U	240	1900
Fluoranthene		250	U	250	1900
Di-n-butyl phthalate		230	U	230	1900
2,4-Dinitrotoluene		62	U	62	380
4-Chlorophenyl phenyl ether		220	U	220	1900
4-Nitroaniline		580	U	580	3800
4,6-Dinitro-2-methylphenol		510	U	510	5700
4-Bromophenyl phenyl ether		190	U	190	1900

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-9 Date Sampled: 09/12/2013 1005
Client Matrix: Solid % Moisture: 11.7 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182194	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91022.D
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/19/2013 1843			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		290	U	290	1900
Anthracene		230	U	230	1900
Carbazole		220	U	220	1900
Phenanthrene		240	U	240	1900
Pentachlorophenol		560	U	560	5700
Pyrene		160	U	160	1900
Chrysene		220	U	220	1900
Benzo[k]fluoranthene		14	U	14	190
Benzo[g,h,i]perylene		140	U	140	1900
Benzo[b]fluoranthene		12	U	12	190
Benzo[a]pyrene		13	U	13	190
Benzo[a]anthracene		13	U	13	190
N-Nitrosodiphenylamine		180	U	180	1900
Butyl benzyl phthalate		170	U	170	1900
Bis(2-ethylhexyl) phthalate		620	U	620	1900
Di-n-octyl phthalate		120	U	120	1900
Indeno[1,2,3-cd]pyrene		35	U	35	190
Dibenz(a,h)anthracene		24	U	24	190
3,3'-Dichlorobenzidine		660	U	660	3800
1,2,4,5-Tetrachlorobenzene		250	U	250	1900
2,3,4,6-Tetrachlorophenol		240	U	240	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	73		38 - 105
Phenol-d5	80		41 - 118
Terphenyl-d14	65		16 - 151
2,4,6-Tribromophenol	76		10 - 120
2-Fluorophenol	85		37 - 125
2-Fluorobiphenyl	88		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-9 Date Sampled: 09/12/2013 1005
Client Matrix: Solid % Moisture: 11.7 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182194	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91022.D
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/19/2013 1843			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	2.43	9100	J
17301-23-4	Undecane, 2,6-dimethyl-	6.81	21000	J N
629-62-9	Pentadecane	7.02	23000	J N
1560-88-9	Octadecane, 2-methyl-	7.33	12000	J N
544-76-3	Hexadecane	7.51	30000	J N
25117-24-2	Tetradecane, 4-methyl-	7.55	8300	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	7.73	46000	J N
1560-89-0	Heptadecane, 2-methyl-	7.81	17000	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.00	86000	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	8.16	12000	J N
629-92-5	Nonadecane	8.42	17000	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.45	30000	J N
14905-56-7	Tetradecane, 2,6,10-trimethyl-	8.59	9500	J N
629-62-9	Pentadecane	8.78	7400	J N
629-92-5	Nonadecane	8.83	16000	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-10 Date Sampled: 09/12/2013 1010
Client Matrix: Solid % Moisture: 16.4 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91002.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0921			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		53	U	53	390
2-Chlorophenol		52	U	52	390
2-Methylphenol		67	U	67	390
4-Methylphenol		78	U	78	390
Benzaldehyde		46	U	46	390
Acetophenone		61	U	61	390
Bis(2-chloroethyl)ether		5.4	U	5.4	39
2,2'-oxybis[1-chloropropane]		44	U	44	390
N-Nitrosodi-n-propylamine		6.6	U	6.6	39
Nitrobenzene		5.6	U	5.6	39
Hexachloroethane		4.4	U	4.4	39
Isophorone		48	U	48	390
2-Nitrophenol		44	U	44	390
2,4-Dimethylphenol		97	U	97	390
2,4-Dichlorophenol		58	U	58	390
Bis(2-chloroethoxy)methane		51	U	51	390
Naphthalene		46	U	46	390
4-Chloroaniline		100	U	100	390
Hexachlorobutadiene		9.6	U	9.6	80
Caprolactam		91	U	91	390
4-Chloro-3-methylphenol		60	U	60	390
2-Methylnaphthalene		51	U	51	390
Hexachlorobenzene		5.4	U	5.4	39
Hexachlorocyclopentadiene		46	U	46	390
2,4,6-Trichlorophenol		46	U	46	390
2,4,5-Trichlorophenol		51	U	51	390
Diphenyl		53	U	53	390
2-Chloronaphthalene		44	U	44	390
2-Nitroaniline		160	U	160	800
2,6-Dinitrotoluene		12	U	12	80
Dimethyl phthalate		47	U	47	390
Acenaphthylene		47	U	47	390
3-Nitroaniline		140	U	140	800
Acenaphthene		58	U	58	390
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		46	U	46	390
Diethyl phthalate		47	U	47	390
Fluorene		51	U	51	390
Fluoranthene		53	U	53	390
Di-n-butyl phthalate		63	J	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: 460-62968-1

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

Lab Sample ID: 460-62968-10 Date Sampled: 09/12/2013 1010
Client Matrix: Solid % Moisture: 16.4 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91002.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0921			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		61	U	61	390
Anthracene		48	U	48	390
Carbazole		47	U	47	390
Phenanthrene		50	U	50	390
Pentachlorophenol		120	U	120	1200
Pyrene		33	U	33	390
Chrysene		46	U	46	390
Benzo[k]fluoranthene		3.0	U	3.0	39
Benzo[g,h,i]perylene		29	U	29	390
Benzo[b]fluoranthene		2.5	U	2.5	39
Benzo[a]pyrene		2.8	U	2.8	39
Benzo[a]anthracene		2.8	U	2.8	39
N-Nitrosodiphenylamine		39	U	39	390
Butyl benzyl phthalate		36	U	36	390
Bis(2-ethylhexyl) phthalate		130	U	130	390
Di-n-octyl phthalate		25	U	25	390
Indeno[1,2,3-cd]pyrene		7.3	U	7.3	39
Dibenz(a,h)anthracene		5.0	U	5.0	39
3,3'-Dichlorobenzidine		140	U	140	800
1,2,4,5-Tetrachlorobenzene		53	U	53	390
2,3,4,6-Tetrachlorophenol		51	U	51	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	68		38 - 105
Phenol-d5	98		41 - 118
Terphenyl-d14	69		16 - 151
2,4,6-Tribromophenol	111		10 - 120
2-Fluorophenol	97		37 - 125
2-Fluorobiphenyl	65		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-10 Date Sampled: 09/12/2013 1010
Client Matrix: Solid % Moisture: 16.4 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91002.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 0921			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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: 460-62968-1

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

Lab Sample ID: 460-62968-11 Date Sampled: 09/12/2013 1025
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91003.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0944			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		60	U	60	350
4-Methylphenol		69	U	69	350
Benzaldehyde		41	U	41	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
Nitrobenzene		5.0	U	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		43	U	43	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		87	U	87	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		41	U	41	350
4-Chloroaniline		93	U	93	350
Hexachlorobutadiene		8.6	U	8.6	71
Caprolactam		81	U	81	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	710
2,6-Dinitrotoluene		11	U	11	71
Dimethyl phthalate		42	U	42	350
Acenaphthylene		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		87	J	43	350
2,4-Dinitrotoluene		12	U	12	71
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
4,6-Dinitro-2-methylphenol		96	U	96	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-11 Date Sampled: 09/12/2013 1025
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91003.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0944			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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		2.5	U	2.5	35
N-Nitrosodiphenylamine		35	U	35	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	710
1,2,4,5-Tetrachlorobenzene		47	U	47	350
2,3,4,6-Tetrachlorophenol		46	U	46	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	55		38 - 105
Phenol-d5	88		41 - 118
Terphenyl-d14	83		16 - 151
2,4,6-Tribromophenol	76		10 - 120
2-Fluorophenol	74		37 - 125
2-Fluorobiphenyl	58		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-11 Date Sampled: 09/12/2013 1025
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91003.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0944			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 2**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
54105-67-8	Heptadecane, 2,6-dimethyl-	7.99	570	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	8.44	440	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-12 Date Sampled: 09/12/2013 1030
Client Matrix: Solid % Moisture: 13.6 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91004.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1008			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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: 460-62968-1

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

Lab Sample ID: 460-62968-12 Date Sampled: 09/12/2013 1030
Client Matrix: Solid % Moisture: 13.6 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91004.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1008			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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		240	J	32	380
Chrysene		45	U	45	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.7	U	2.7	38
N-Nitrosodiphenylamine		38	U	38	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		24	U	24	380
Indeno[1,2,3-cd]pyrene		7.1	U	7.1	38
Dibenz(a,h)anthracene		4.8	U	4.8	38
3,3'-Dichlorobenzidine		130	U	130	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	64		38 - 105
Phenol-d5	82		41 - 118
Terphenyl-d14	88		16 - 151
2,4,6-Tribromophenol	80		10 - 120
2-Fluorophenol	77		37 - 125
2-Fluorobiphenyl	64		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-12 Date Sampled: 09/12/2013 1030
Client Matrix: Solid % Moisture: 13.6 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91004.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1008			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1120-21-4	Undecane	6.84	5500	J N
2131-42-2	Naphthalene, 1,4,6-trimethyl-	7.27	2500	J N
829-26-5	Naphthalene, 2,3,6-trimethyl-	7.31	3400	J N
	Cycloalkane isomer	7.37	2900	J
	Trimethylnapthalene isomer	7.49	3700	J
54774-89-9	Naphthalene, 2-methyl-1-propyl-	7.64	4900	J N
55045-11-9	Tridecane, 5-propyl-	7.78	15000	J N
1000104-10-8	3-Methyl-4-(methoxycarbonyl)hexa-2,4-die	8.06	20000	J N
34303-81-6	3-Hexadecene, (Z)-	8.22	2800	J N
	Unknown	8.25	2500	J
529-05-5	Azulene, 7-ethyl-1,4-dimethyl-	8.31	2300	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.51	13000	J N
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	8.84	3200	J N
35693-92-6	1,1'-Biphenyl, 2,4,6-trichloro-	8.90	2900	J N
16587-52-3	Dibenzothiophene, 3-methyl-	8.96	2900	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-13 Date Sampled: 09/12/2013 1035
Client Matrix: Solid % Moisture: 14.3 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91005.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1030			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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		55	J	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		110	U	110	1200
4-Bromophenyl phenyl ether		38	U	38	380

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-13 Date Sampled: 09/12/2013 1035
Client Matrix: Solid % Moisture: 14.3 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91005.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1030			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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		120	U	120	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	62		38 - 105
Phenol-d5	91		41 - 118
Terphenyl-d14	82		16 - 151
2,4,6-Tribromophenol	95		10 - 120
2-Fluorophenol	82		37 - 125
2-Fluorobiphenyl	64		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-13 Date Sampled: 09/12/2013 1035
Client Matrix: Solid % Moisture: 14.3 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91005.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1030			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
3892-00-0	Pentadecane, 2,6,10-trimethyl-	7.73	730	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	7.99	1200	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.45	850	J N
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	8.61	330	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-14 Date Sampled: 09/12/2013 1055
Client Matrix: Solid % Moisture: 4.9 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3110.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/15/2013 2355			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		59	U	59	350
4-Methylphenol		68	U	68	350
Benzaldehyde		41	U	41	350
Acetophenone		53	U	53	350
Bis(2-chloroethyl)ether		4.7	U	4.7	35
2,2'-oxybis[1-chloropropane]		38	U	38	350
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
Nitrobenzene		4.9	U	4.9	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		42	U	42	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		86	U	86	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		40	U	40	350
4-Chloroaniline		92	U	92	350
Hexachlorobutadiene		8.5	U	8.5	70
Caprolactam		80	U	80	350
4-Chloro-3-methylphenol		52	U	52	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.7	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		47	U	47	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		51	U	51	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		250	J	43	350
2,4-Dinitrotoluene		11	U	11	70
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	700
4,6-Dinitro-2-methylphenol		95	U	95	1000
4-Bromophenyl phenyl ether		34	U	34	350

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-14 Date Sampled: 09/12/2013 1055
Client Matrix: Solid % Moisture: 4.9 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3110.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/15/2013 2355			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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		41	U	41	350
Benzo[k]fluoranthene		2.6	U	2.6	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.4	U	2.4	35
N-Nitrosodiphenylamine		34	U	34	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	700
1,2,4,5-Tetrachlorobenzene		47	U	47	350
2,3,4,6-Tetrachlorophenol		45	U	45	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	81		38 - 105
Phenol-d5	79		41 - 118
Terphenyl-d14	94		16 - 151
2,4,6-Tribromophenol	77		10 - 120
2-Fluorophenol	76		37 - 125
2-Fluorobiphenyl	78		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-14 Date Sampled: 09/12/2013 1055
Client Matrix: Solid % Moisture: 4.9 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3110.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/15/2013 2355			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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: 460-62968-1

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

Lab Sample ID: 460-62968-15 Date Sampled: 09/12/2013 1100
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3127.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/16/2013 0534			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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		76	U	76	380
Benzaldehyde		45	U	45	380
Acetophenone		59	U	59	380
Bis(2-chloroethyl)ether		5.2	U	5.2	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.4	U	6.4	38
Nitrobenzene		5.5	U	5.5	38
Hexachloroethane		4.3	U	4.3	38
Isophorone		47	U	47	380
2-Nitrophenol		43	U	43	380
2,4-Dimethylphenol		95	U	95	380
2,4-Dichlorophenol		56	U	56	380
Bis(2-chloroethoxy)methane		50	U	50	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.4	U	9.4	78
Caprolactam		88	U	88	380
4-Chloro-3-methylphenol		58	U	58	380
2-Methylnaphthalene		49	U	49	380
Hexachlorobenzene		5.2	U	5.2	38
Hexachlorocyclopentadiene		45	U	45	380
2,4,6-Trichlorophenol		45	U	45	380
2,4,5-Trichlorophenol		50	U	50	380
Diphenyl		51	U	51	380
2-Chloronaphthalene		43	U	43	380
2-Nitroaniline		160	U	160	780
2,6-Dinitrotoluene		12	U	12	78
Dimethyl phthalate		45	U	45	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		140	U	140	780
Acenaphthene		56	U	56	380
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		45	U	45	380
Diethyl phthalate		46	U	46	380
Fluorene		94	J	49	380
Fluoranthene		51	U	51	380
Di-n-butyl phthalate		200	J	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: 460-62968-1

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

Lab Sample ID: 460-62968-15 Date Sampled: 09/12/2013 1100
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3127.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/16/2013 0534			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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		180	J	32	380
Chrysene		45	U	45	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.7	U	2.7	38
N-Nitrosodiphenylamine		38	U	38	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		24	U	24	380
Indeno[1,2,3-cd]pyrene		7.1	U	7.1	38
Dibenz(a,h)anthracene		4.8	U	4.8	38
3,3'-Dichlorobenzidine		130	U	130	780
1,2,4,5-Tetrachlorobenzene		52	U	52	380
2,3,4,6-Tetrachlorophenol		50	U	50	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	81		38 - 105
Phenol-d5	76		41 - 118
Terphenyl-d14	72		16 - 151
2,4,6-Tribromophenol	76		10 - 120
2-Fluorophenol	76		37 - 125
2-Fluorobiphenyl	85		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-15 Date Sampled: 09/12/2013 1100
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3127.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/16/2013 0534			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-2	5.04	4200	J
	Unknown Alkane-3	5.18	7400	J
	Unknown Alkane-4	5.50	6900	J
	Unknown Alkane-5	5.71	13000	J
	Unknown Alkane-6	5.96	7300	J
	Unknown Alkane-9	6.21	9800	J
	Unknown Alkane-10	6.41	16000	J
	Unknown Alkane-11	6.52	3700	J
	Unknown Alkane-12	6.67	18000	J
	Unknown Cycloalkane-2	6.93	3800	J
593-45-3	n-Octadecane	7.10	18000	E
	Unknown Alkane-13	7.12	7900	J
	Unknown Alkane-15	7.50	11000	J
	Unknown Alkane-16	7.88	6900	J
	Unknown Alkane-17	8.25	4000	J

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-16 Date Sampled: 09/12/2013 1105
Client Matrix: Solid % Moisture: 15.2 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3118.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/16/2013 0235			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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		77	U	77	390
Benzaldehyde		46	U	46	390
Acetophenone		60	U	60	390
Bis(2-chloroethyl)ether		5.3	U	5.3	39
2,2'-oxybis[1-chloropropane]		43	U	43	390
N-Nitrosodi-n-propylamine		6.5	U	6.5	39
Nitrobenzene		5.5	U	5.5	39
Hexachloroethane		4.3	U	4.3	39
Isophorone		47	U	47	390
2-Nitrophenol		43	U	43	390
2,4-Dimethylphenol		96	U	96	390
2,4-Dichlorophenol		57	U	57	390
Bis(2-chloroethoxy)methane		50	U	50	390
Naphthalene		45	U	45	390
4-Chloroaniline		100	U	100	390
Hexachlorobutadiene		9.5	U	9.5	79
Caprolactam		90	U	90	390
4-Chloro-3-methylphenol		59	U	59	390
2-Methylnaphthalene		50	U	50	390
Hexachlorobenzene		5.3	U	5.3	39
Hexachlorocyclopentadiene		46	U	46	390
2,4,6-Trichlorophenol		46	U	46	390
2,4,5-Trichlorophenol		50	U	50	390
Diphenyl		52	U	52	390
2-Chloronaphthalene		43	U	43	390
2-Nitroaniline		160	U	160	790
2,6-Dinitrotoluene		12	U	12	79
Dimethyl phthalate		46	U	46	390
Acenaphthylene		46	U	46	390
3-Nitroaniline		140	U	140	790
Acenaphthene		57	U	57	390
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		46	U	46	390
Diethyl phthalate		46	U	46	390
Fluorene		50	U	50	390
Fluoranthene		52	U	52	390
Di-n-butyl phthalate		48	U	48	390
2,4-Dinitrotoluene		13	U	13	79
4-Chlorophenyl phenyl ether		46	U	46	390
4-Nitroaniline		120	U	120	790
4,6-Dinitro-2-methylphenol		110	U	110	1200
4-Bromophenyl phenyl ether		39	U	39	390

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-16 Date Sampled: 09/12/2013 1105
Client Matrix: Solid % Moisture: 15.2 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3118.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/16/2013 0235			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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		50	U	50	390
Pentachlorophenol		120	U	120	1200
Pyrene		33	U	33	390
Chrysene		45	U	45	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		38	U	38	390
Butyl benzyl phthalate		36	U	36	390
Bis(2-ethylhexyl) phthalate		130	U	130	390
Di-n-octyl phthalate		25	U	25	390
Indeno[1,2,3-cd]pyrene		7.2	U	7.2	39
Dibenz(a,h)anthracene		4.9	U	4.9	39
3,3'-Dichlorobenzidine		140	U	140	790
1,2,4,5-Tetrachlorobenzene		52	U	52	390
2,3,4,6-Tetrachlorophenol		51	U	51	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	80		38 - 105
Phenol-d5	79		41 - 118
Terphenyl-d14	93		16 - 151
2,4,6-Tribromophenol	80		10 - 120
2-Fluorophenol	76		37 - 125
2-Fluorobiphenyl	80		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-16 Date Sampled: 09/12/2013 1105
Client Matrix: Solid % Moisture: 15.2 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3118.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/16/2013 0235			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 2**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane	6.63	400	J
10544-50-0	Cyclic octaatomic sulfur	8.13	930	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-17 Date Sampled: 09/12/2013 1130
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3114.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/16/2013 0115			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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		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: 460-62968-1

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

Lab Sample ID: 460-62968-17 Date Sampled: 09/12/2013 1130
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3114.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/16/2013 0115			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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		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	78		38 - 105
Phenol-d5	78		41 - 118
Terphenyl-d14	93		16 - 151
2,4,6-Tribromophenol	73		10 - 120
2-Fluorophenol	74		37 - 125
2-Fluorobiphenyl	76		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-17 Date Sampled: 09/12/2013 1130
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3114.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/16/2013 0115			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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: 460-62968-1

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

Lab Sample ID: 460-62968-18 Date Sampled: 09/12/2013 1135
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3124.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2013 0434			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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		44	U	44	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		5.2	U	5.2	38
Hexachlorocyclopentadiene		45	U	45	380
2,4,6-Trichlorophenol		45	U	45	380
2,4,5-Trichlorophenol		50	U	50	380
Diphenyl		51	U	51	380
2-Chloronaphthalene		43	U	43	380
2-Nitroaniline		160	U	160	780
2,6-Dinitrotoluene		12	U	12	78
Dimethyl phthalate		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		270	J	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: 460-62968-1

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

Lab Sample ID: 460-62968-18 Date Sampled: 09/12/2013 1135
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3124.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2013 0434			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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		190	J	32	380
Chrysene		45	U	45	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.7	U	2.7	38
N-Nitrosodiphenylamine		38	U	38	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		25	U	25	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	84		38 - 105
Phenol-d5	83		41 - 118
Terphenyl-d14	80		16 - 151
2,4,6-Tribromophenol	84		10 - 120
2-Fluorophenol	79		37 - 125
2-Fluorobiphenyl	90		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-18 Date Sampled: 09/12/2013 1135
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3124.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2013 0434			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	5.03	3300	J
	Unknown Alkane-3	5.49	5000	J
	Unknown Alkane-4	5.67	2100	J
	Unknown Alkane-5	5.74	3400	J
	Trimethylnaphthalene isomer-1	5.84	2000	J
	Trimethylnaphthalene isomer-2	5.87	2000	J
	Unknown Alkane-6	5.95	3200	J
54774-89-9	Naphthalene, 2-methyl-1-propyl-	6.20	2200	J N
	Unknown Alkane-9	6.41	10000	J
	Unknown Alkane-10	6.67	12000	J
612-75-9	3,3'-Dimethylbiphenyl	6.70	3300	J N
	Unknown-2	6.81	2300	J
	Unknown Cycloalkane-2	6.93	2300	J
	Unknown Alkane-13	7.24	2400	J
	Unknown Alkane-14	7.44	2000	J

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-19 Date Sampled: 09/12/2013 1140
Client Matrix: Solid % Moisture: 14.2 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3111.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/16/2013 0015			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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		240	J	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: 460-62968-1

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

Lab Sample ID: 460-62968-19 Date Sampled: 09/12/2013 1140
Client Matrix: Solid % Moisture: 14.2 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3111.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/16/2013 0015			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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		52	J	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		25	U	25	380
Indeno[1,2,3-cd]pyrene		7.2	U	7.2	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	80		38 - 105
Phenol-d5	79		41 - 118
Terphenyl-d14	94		16 - 151
2,4,6-Tribromophenol	82		10 - 120
2-Fluorophenol	75		37 - 125
2-Fluorobiphenyl	78		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-19 Date Sampled: 09/12/2013 1140
Client Matrix: Solid % Moisture: 14.2 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3111.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/16/2013 0015			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	6.38	400	J
	Unknown Alkane-2	6.64	740	J
	Unknown Alkane-3	7.09	670	J
10544-50-0	Cyclic octaatomic sulfur	8.13	2000	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-20 Date Sampled: 09/12/2013 1200
Client Matrix: Solid % Moisture: 5.8 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3112.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/16/2013 0035			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		60	U	60	350
4-Methylphenol		69	U	69	350
Benzaldehyde		41	U	41	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
Nitrobenzene		5.0	U	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		43	U	43	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		87	U	87	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		41	U	41	350
4-Chloroaniline		93	U	93	350
Hexachlorobutadiene		8.6	U	8.6	71
Caprolactam		81	U	81	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	710
2,6-Dinitrotoluene		11	U	11	71
Dimethyl phthalate		42	U	42	350
Acenaphthylene		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		130	J	43	350
2,4-Dinitrotoluene		12	U	12	71
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
4,6-Dinitro-2-methylphenol		96	U	96	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-20 Date Sampled: 09/12/2013 1200
Client Matrix: Solid % Moisture: 5.8 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3112.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/16/2013 0035			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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		2.5	U	2.5	35
N-Nitrosodiphenylamine		35	U	35	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	710
1,2,4,5-Tetrachlorobenzene		47	U	47	350
2,3,4,6-Tetrachlorophenol		46	U	46	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	85		38 - 105
Phenol-d5	82		41 - 118
Terphenyl-d14	86		16 - 151
2,4,6-Tribromophenol	79		10 - 120
2-Fluorophenol	78		37 - 125
2-Fluorobiphenyl	84		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-20 Date Sampled: 09/12/2013 1200
Client Matrix: Solid % Moisture: 5.8 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3112.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/16/2013 0035			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	5.03	530	J
	Unknown Alkane-2	5.48	900	J
	Unknown Alkane-3	5.94	730	J
	Unknown Alkane-4	6.00	460	J
	Unknown Alkane-5	6.17	460	J
	Unknown Alkane-6	6.39	1400	J
	Unknown Cycloalkane	6.44	370	J
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	6.50	370	J N
	Unknown Alkane-7	6.54	330	J
	Unknown Alkane-8	6.64	2400	J
	Unknown Alkane-9	7.09	1300	J
1000193-63-0	Acetic acid, 3,7,11,15-tetramethyl-hexad	7.23	450	J N
	Unknown	7.39	310	J
	Unknown Alkane-10	7.43	410	J
	Unknown Alkane-11	7.47	290	J

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-21 Date Sampled: 09/12/2013 1205
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3128.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/16/2013 0554			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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	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		120	J	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: 460-62968-1

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

Lab Sample ID: 460-62968-21 Date Sampled: 09/12/2013 1205
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3128.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/16/2013 0554			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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		150	J	32	380
Chrysene		45	U	45	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		28	U	28	380
Benzo[b]fluoranthene		2.4	U	2.4	38
Benzo[a]pyrene		2.7	U	2.7	38
Benzo[a]anthracene		2.7	U	2.7	38
N-Nitrosodiphenylamine		38	U	38	380
Butyl benzyl phthalate		35	U	35	380
Bis(2-ethylhexyl) phthalate		130	U	130	380
Di-n-octyl phthalate		24	U	24	380
Indeno[1,2,3-cd]pyrene		7.1	U	7.1	38
Dibenz(a,h)anthracene		4.8	U	4.8	38
3,3'-Dichlorobenzidine		130	U	130	780
1,2,4,5-Tetrachlorobenzene		52	U	52	380
2,3,4,6-Tetrachlorophenol		50	U	50	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	88		38 - 105
Phenol-d5	84		41 - 118
Terphenyl-d14	73		16 - 151
2,4,6-Tribromophenol	77		10 - 120
2-Fluorophenol	80		37 - 125
2-Fluorobiphenyl	90		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-21 Date Sampled: 09/12/2013 1205
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3128.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/16/2013 0554			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	5.03	4300	J
	Unknown Alkane-2	5.17	2600	J
	Unknown Alkane-3	5.43	2900	J
	Unknown Alkane-4	5.50	8600	J
	Unknown Alkane-5	5.70	6100	J
	Unknown-2	5.74	2700	J
	Unknown Alkane-7	5.96	3900	J
	Unknown Alkane-8	6.01	2800	J
	Unknown Alkane-10	6.20	6100	J
	Unknown Alkane-11	6.41	13000	J
	Unknown Alkane-12	6.68	15000	J
593-45-3	n-Octadecane	7.09	8400	
	Unknown Alkane-13	7.11	7500	J
	Unknown Alkane-14	7.25	3500	J
	Unknown Alkane-16	7.49	4500	J

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-22 Date Sampled: 09/12/2013 1210
Client Matrix: Solid % Moisture: 14.4 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3115.d
Dilution:	1.0			Initial Weight/Volume:	14.99 g
Analysis Date:	09/16/2013 0135			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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		190	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: 460-62968-1

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

Lab Sample ID: 460-62968-22 Date Sampled: 09/12/2013 1210
Client Matrix: Solid % Moisture: 14.4 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3115.d
Dilution:	1.0			Initial Weight/Volume:	14.99 g
Analysis Date:	09/16/2013 0135			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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	82		38 - 105
Phenol-d5	79		41 - 118
Terphenyl-d14	90		16 - 151
2,4,6-Tribromophenol	88		10 - 120
2-Fluorophenol	76		37 - 125
2-Fluorobiphenyl	81		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-22 Date Sampled: 09/12/2013 1210
Client Matrix: Solid % Moisture: 14.4 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3115.d
Dilution:	1.0			Initial Weight/Volume:	14.99 g
Analysis Date:	09/16/2013 0135			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 7**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	6.38	620	J
	Unknown Alkane-2	6.64	1600	J
593-45-3	n-Octadecane	7.06	450	
	Unknown Alkane-3	7.09	730	J
	Unknown Alkane-4	7.23	340	J
	Unknown Alkane-5	7.47	390	J
10544-50-0	Cyclic octaatomic sulfur	8.13	730	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-23 Date Sampled: 09/12/2013 1215
Client Matrix: Solid % Moisture: 11.2 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3113.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/16/2013 0055			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		50	U	50	370
2-Chlorophenol		49	U	49	370
2-Methylphenol		63	U	63	370
4-Methylphenol		73	U	73	370
Benzaldehyde		44	U	44	370
Acetophenone		57	U	57	370
Bis(2-chloroethyl)ether		5.1	U	5.1	37
2,2'-oxybis[1-chloropropane]		41	U	41	370
N-Nitrosodi-n-propylamine		6.2	U	6.2	37
Nitrobenzene		5.3	U	5.3	37
Hexachloroethane		4.1	U	4.1	37
Isophorone		45	U	45	370
2-Nitrophenol		41	U	41	370
2,4-Dimethylphenol		92	U	92	370
2,4-Dichlorophenol		54	U	54	370
Bis(2-chloroethoxy)methane		48	U	48	370
Naphthalene		43	U	43	370
4-Chloroaniline		98	U	98	370
Hexachlorobutadiene		9.1	U	9.1	75
Caprolactam		86	U	86	370
4-Chloro-3-methylphenol		56	U	56	370
2-Methylnaphthalene		48	U	48	370
Hexachlorobenzene		5.1	U	5.1	37
Hexachlorocyclopentadiene		44	U	44	370
2,4,6-Trichlorophenol		44	U	44	370
2,4,5-Trichlorophenol		48	U	48	370
Diphenyl		50	U	50	370
2-Chloronaphthalene		41	U	41	370
2-Nitroaniline		160	U	160	750
2,6-Dinitrotoluene		11	U	11	75
Dimethyl phthalate		44	U	44	370
Acenaphthylene		44	U	44	370
3-Nitroaniline		130	U	130	750
Acenaphthene		54	U	54	370
4-Nitrophenol		240	U	240	1100
2,4-Dinitrophenol		210	U	210	1100
Dibenzofuran		44	U	44	370
Diethyl phthalate		44	U	44	370
Fluorene		48	U	48	370
Fluoranthene		50	U	50	370
Di-n-butyl phthalate		46	U	46	370
2,4-Dinitrotoluene		12	U	12	75
4-Chlorophenyl phenyl ether		44	U	44	370
4-Nitroaniline		120	U	120	750
4,6-Dinitro-2-methylphenol		100	U	100	1100
4-Bromophenyl phenyl ether		37	U	37	370

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-23 Date Sampled: 09/12/2013 1215
Client Matrix: Solid % Moisture: 11.2 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3113.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/16/2013 0055			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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		28	U	28	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		37	U	37	370
Butyl benzyl phthalate		34	U	34	370
Bis(2-ethylhexyl) phthalate		120	U	120	370
Di-n-octyl phthalate		24	U	24	370
Indeno[1,2,3-cd]pyrene		6.9	U	6.9	37
Dibenz(a,h)anthracene		4.7	U	4.7	37
3,3'-Dichlorobenzidine		130	U	130	750
1,2,4,5-Tetrachlorobenzene		50	U	50	370
2,3,4,6-Tetrachlorophenol		48	U	48	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	80		38 - 105
Phenol-d5	76		41 - 118
Terphenyl-d14	94		16 - 151
2,4,6-Tribromophenol	81		10 - 120
2-Fluorophenol	75		37 - 125
2-Fluorobiphenyl	78		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-23 Date Sampled: 09/12/2013 1215
Client Matrix: Solid % Moisture: 11.2 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3113.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/16/2013 0055			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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: 460-62968-1

Client Sample ID: **PMP-9SE-VD**

Lab Sample ID: 460-62968-24 Date Sampled: 09/12/2013 1400
Client Matrix: Solid % Moisture: 3.8 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3116.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/16/2013 0155			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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		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	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		41	U	41	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: 460-62968-1

Client Sample ID: **PMP-9SE-VD**

Lab Sample ID: 460-62968-24 Date Sampled: 09/12/2013 1400
Client Matrix: Solid % Moisture: 3.8 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3116.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/16/2013 0155			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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	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	82		38 - 105
Phenol-d5	81		41 - 118
Terphenyl-d14	99		16 - 151
2,4,6-Tribromophenol	86		10 - 120
2-Fluorophenol	78		37 - 125
2-Fluorobiphenyl	80		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-9SE-VD**

Lab Sample ID: 460-62968-24 Date Sampled: 09/12/2013 1400
Client Matrix: Solid % Moisture: 3.8 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3116.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/16/2013 0155			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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: 460-62968-1

Client Sample ID: **PMP-9SE-WT**

Lab Sample ID: 460-62968-25 Date Sampled: 09/12/2013 1405
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3117.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Analysis Date:	09/16/2013 0215			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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: 460-62968-1

Client Sample ID: **PMP-9SE-WT**

Lab Sample ID: 460-62968-25 Date Sampled: 09/12/2013 1405
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3117.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Analysis Date:	09/16/2013 0215			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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		25	U	25	380
Indeno[1,2,3-cd]pyrene		7.2	U	7.2	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	78		38 - 105
Phenol-d5	75		41 - 118
Terphenyl-d14	94		16 - 151
2,4,6-Tribromophenol	74		10 - 120
2-Fluorophenol	74		37 - 125
2-Fluorobiphenyl	76		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-9SE-WT**

Lab Sample ID: 460-62968-25 Date Sampled: 09/12/2013 1405
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181416	Lab File ID:	z3117.d
Dilution:	1.0			Initial Weight/Volume:	14.98 g
Analysis Date:	09/16/2013 0215			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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: 460-62968-1

Client Sample ID: **PMP-9SE-SI**

Lab Sample ID: 460-62968-26 Date Sampled: 09/12/2013 1410
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91006.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/19/2013 1053			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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: 460-62968-1

Client Sample ID: **PMP-9SE-SI**

Lab Sample ID: 460-62968-26 Date Sampled: 09/12/2013 1410
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91006.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/19/2013 1053			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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		120	J	29	350
Chrysene		41	U	41	350
Benzo[k]fluoranthene		2.6	U	2.6	35
Benzo[g,h,i]perylene		26	U	26	350
Benzo[b]fluoranthene		2.2	U	2.2	35
Benzo[a]pyrene		2.5	U	2.5	35
Benzo[a]anthracene		2.4	U	2.4	35
N-Nitrosodiphenylamine		34	U	34	350
Butyl benzyl phthalate		32	U	32	350
Bis(2-ethylhexyl) phthalate		120	U	120	350
Di-n-octyl phthalate		22	U	22	350
Indeno[1,2,3-cd]pyrene		6.5	U	6.5	35
Dibenz(a,h)anthracene		4.4	U	4.4	35
3,3'-Dichlorobenzidine		120	U	120	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	57		38 - 105
Phenol-d5	76		41 - 118
Terphenyl-d14	72		16 - 151
2,4,6-Tribromophenol	45		10 - 120
2-Fluorophenol	71		37 - 125
2-Fluorobiphenyl	35	X	40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-9SE-SI**

Lab Sample ID: 460-62968-26 Date Sampled: 09/12/2013 1410
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91006.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/19/2013 1053			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
6165-40-8	Pentadecane, 7-methyl-	6.84	1200	J N
629-62-9	Pentadecane	7.05	9000	J N
629-50-5	Tridecane	7.56	3100	J N
55045-11-9	Tridecane, 5-propyl-	7.78	3000	J N
	Unknown alkane	7.85	4100	J
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.06	21000	J N
35507-09-6	7-Hexadecene, (Z)-	8.21	3700	J N
1560-89-0	Heptadecane, 2-methyl-	8.30	2500	J N
	Unknown alkane	8.47	6000	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.50	11000	J N
37680-65-2	1,1'-Biphenyl, 2,2',5-trichloro-	8.64	3700	J N
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	8.88	4500	J N
38444-73-4	1,1'-Biphenyl, 2,2',6-trichloro-	8.90	5800	J N
38444-84-7	1,1'-Biphenyl, 2,3,3'-trichloro-	8.96	3100	J N
55702-46-0	1,1'-Biphenyl, 2,3,4-trichloro-	9.03	2900	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-27 Date Sampled: 09/12/2013 1515
Client Matrix: Solid % Moisture: 6.3 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182194	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91020.D
Dilution:	10			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1757			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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		59	U	59	350
Nitrobenzene		50	U	50	350
Hexachloroethane		39	U	39	350
Isophorone		430	U	430	3500
2-Nitrophenol		390	U	390	3500
2,4-Dimethylphenol		870	U	870	3500
2,4-Dichlorophenol		520	U	520	3500
Bis(2-chloroethoxy)methane		460	U	460	3500
Naphthalene		410	U	410	3500
4-Chloroaniline		930	U	930	3500
Hexachlorobutadiene		86	U	86	710
Caprolactam		810	U	810	3500
4-Chloro-3-methylphenol		530	U	530	3500
2-Methylnaphthalene		510	J	450	3500
Hexachlorobenzene		48	U	48	350
Hexachlorocyclopentadiene		410	U	410	3500
2,4,6-Trichlorophenol		410	U	410	3500
2,4,5-Trichlorophenol		460	U	460	3500
Diphenyl		990	J	470	3500
2-Chloronaphthalene		390	U	390	3500
2-Nitroaniline		1500	U	1500	7100
2,6-Dinitrotoluene		110	U	110	710
Dimethyl phthalate		420	U	420	3500
Acenaphthylene		420	U	420	3500
3-Nitroaniline		1200	U	1200	7100
Acenaphthene		2300	J	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		960	U	960	11000
4-Bromophenyl phenyl ether		350	U	350	3500

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-27 Date Sampled: 09/12/2013 1515
Client Matrix: Solid % Moisture: 6.3 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182194	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91020.D
Dilution:	10			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1757			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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		420	U	420	3500
Phenanthrene		450	U	450	3500
Pentachlorophenol		1100	U	1100	11000
Pyrene		300	U	300	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		25	U	25	350
N-Nitrosodiphenylamine		350	U	350	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		66	U	66	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		460	U	460	3500

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	69		38 - 105
Phenol-d5	69		41 - 118
Terphenyl-d14	78		16 - 151
2,4,6-Tribromophenol	65		10 - 120
2-Fluorophenol	69		37 - 125
2-Fluorobiphenyl	80		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-27 Date Sampled: 09/12/2013 1515
Client Matrix: Solid % Moisture: 6.3 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182194	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91020.D
Dilution:	10			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1757			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
629-62-9	Pentadecane	7.02	29000	J N
544-76-3	Hexadecane	7.52	43000	J N
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	7.70	130000	J N
2050-68-2	1,1'-Biphenyl, 4,4'-dichloro-	8.11	78000	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	8.47	130000	J N
2050-67-1	1,1'-Biphenyl, 3,3'-dichloro-	8.52	110000	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	8.62	54000	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.88	150000	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.95	64000	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	9.01	30000	J N
41464-41-9	1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	9.13	36000	J N
35693-99-3	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	9.29	36000	J N
2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	9.62	53000	J N
31508-00-6	1,1'-Biphenyl, 2,3',4,4',5-pentachloro-	10.07	41000	J N
68194-11-6	1,1'-Biphenyl, 2,3,4',5,6-Pentachloro-	10.28	29000	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-28 Date Sampled: 09/12/2013 1530
Client Matrix: Solid % Moisture: 10.4 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182720	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	z2502.d
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/23/2013 1537			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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		210	U	210	1800
2,4-Dimethylphenol		450	U	450	1800
2,4-Dichlorophenol		270	U	270	1800
Bis(2-chloroethoxy)methane		240	U	240	1800
Naphthalene		960	J	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		8800		240	1800
Hexachlorobenzene		25	U	25	180
Hexachlorocyclopentadiene		220	U	220	1800
2,4,6-Trichlorophenol		220	U	220	1800
2,4,5-Trichlorophenol		240	U	240	1800
Diphenyl		250	U	250	1800
2-Chloronaphthalene		210	U	210	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		950	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		240	U	240	1800
Fluoranthene		250	U	250	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: 460-62968-1

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

Lab Sample ID: 460-62968-28 Date Sampled: 09/12/2013 1530
Client Matrix: Solid % Moisture: 10.4 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182720	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	z2502.d
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/23/2013 1537			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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		1200	J	230	1800
Pentachlorophenol		550	U	550	5600
Pyrene		150	U	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		850	J	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		650	U	650	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	68		38 - 105
Phenol-d5	76		41 - 118
Terphenyl-d14	69		16 - 151
2,4,6-Tribromophenol	64		10 - 120
2-Fluorophenol	72		37 - 125
2-Fluorobiphenyl	86		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-28 Date Sampled: 09/12/2013 1530
Client Matrix: Solid % Moisture: 10.4 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182720	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	z2502.d
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/23/2013 1537			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
88-73-3	Benzene, 1-chloro-2-nitro-	6.09	110000	J N
	Unknown Alkane-2	7.44	51000	J
	Dichloro-1,1-biphenyl isomer-1	8.15	98000	J
	Unknown Alkane-4	8.41	94000	J
	Dichloro-1,1-biphenyl isomer-3	8.55	150000	J
	Trichloro-1,1-biphenyl isomer-1	8.91	210000	J
	Trichloro-1,1-biphenyl isomer-3	9.07	100000	J
	Trichloro-1,1-biphenyl isomer-5	9.32	170000	J
	Unknown	9.33	57000	J
	Trichloro-1,1-biphenyl isomer-6	9.40	110000	J
	Trichloro-1,1-biphenyl isomer-7	9.46	55000	J
	Tetrachloro-1,1-biphenyl isomer-1	9.58	71000	J
	Tetrachloro-1,1-biphenyl isomer-4	9.75	69000	J
	Tetrachloro-1,1-biphenyl isomer-8	10.08	78000	J
	Tetrachloro-1,1-biphenyl isomer-9	10.10	58000	J

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-29 Date Sampled: 09/12/2013 1525
Client Matrix: Solid % Moisture: 5.9 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182283	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	112744.D
Dilution:	10			Initial Weight/Volume:	15.02 g
Analysis Date:	09/20/2013 1310	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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		59	U	59	350
Nitrobenzene		50	U	50	350
Hexachloroethane		39	U	39	350
Isophorone		430	U	430	3500
2-Nitrophenol		390	U	390	3500
2,4-Dimethylphenol		870	U	870	3500
2,4-Dichlorophenol		510	U	510	3500
Bis(2-chloroethoxy)methane		450	U	450	3500
Naphthalene		410	U	410	3500
4-Chloroaniline		2100	J D	930	3500
Hexachlorobutadiene		86	U	86	710
Caprolactam		810	U	810	3500
4-Chloro-3-methylphenol		530	U	530	3500
2-Methylnaphthalene		4100	D	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		690	J D	470	3500
2-Chloronaphthalene		390	U	390	3500
2-Nitroaniline		1500	U	1500	7100
2,6-Dinitrotoluene		110	U	110	710
Dimethyl phthalate		420	U	420	3500
Acenaphthylene		420	U	420	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		1400	J D	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		960	U	960	11000
4-Bromophenyl phenyl ether		350	U	350	3500

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-29 Date Sampled: 09/12/2013 1525
Client Matrix: Solid % Moisture: 5.9 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182283	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	112744.D
Dilution:	10			Initial Weight/Volume:	15.02 g
Analysis Date:	09/20/2013 1310	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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		420	U	420	3500
Phenanthrene		450	U	450	3500
Pentachlorophenol		1000	U	1000	11000
Pyrene		290	U	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		25	U	25	350
N-Nitrosodiphenylamine		350	U	350	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		460	U	460	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: 460-62968-1

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

Lab Sample ID: 460-62968-29 Date Sampled: 09/12/2013 1525
Client Matrix: Solid % Moisture: 5.9 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182283	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	112744.D
Dilution:	10			Initial Weight/Volume:	15.02 g
Analysis Date:	09/20/2013 1310	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
629-59-4	Tetradecane	5.73	39000	D J N
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	6.05	24000	D J N
	Unknown alkane	6.26	64000	D J
829-26-5	Naphthalene, 2,3,6-trimethyl-	6.55	17000	D J N
55045-08-4	Dodecane, 2-methyl-6-propyl-	6.58	16000	D J N
544-76-3	Hexadecane	6.76	79000	D J N
13029-08-8	1,1'-Biphenyl, 2,2'-dichloro-	6.88	41000	D J N
629-78-7	Heptadecane	7.22	41000	D J N
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	7.28	21000	D J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	7.63	27000	D J N
55702-45-9	1,1'-Biphenyl, 2,3,6-trichloro-	7.78	17000	D J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.03	43000	D J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.10	20000	D J N
41464-40-8	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	8.78	16000	D J N
70424-70-3	1,1'-Biphenyl, 2',3,4,5,5'-Pentachloro-	9.24	19000	D J N

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-30 Date Sampled: 09/12/2013 1520
Client Matrix: Solid % Moisture: 16.1 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91007.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1117			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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		51	U	51	390
Hexachlorobenzene		5.4	U	5.4	39
Hexachlorocyclopentadiene		46	U	46	390
2,4,6-Trichlorophenol		46	U	46	390
2,4,5-Trichlorophenol		51	U	51	390
Diphenyl		53	U	53	390
2-Chloronaphthalene		44	U	44	390
2-Nitroaniline		160	U	160	800
2,6-Dinitrotoluene		12	U	12	80
Dimethyl phthalate		47	U	47	390
Acenaphthylene		47	U	47	390
3-Nitroaniline		140	U	140	800
Acenaphthene		210	J	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		380	J	52	390
Di-n-butyl phthalate		140	J	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: 460-62968-1

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

Lab Sample ID: 460-62968-30 Date Sampled: 09/12/2013 1520
Client Matrix: Solid % Moisture: 16.1 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91007.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1117			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		61	U	61	390
Anthracene		48	U	48	390
Carbazole		47	U	47	390
Phenanthrene		130	J	50	390
Pentachlorophenol		120	U	120	1200
Pyrene		360	J	33	390
Chrysene		220	J	46	390
Benzo[k]fluoranthene		120		3.0	39
Benzo[g,h,i]perylene		160	J	29	390
Benzo[b]fluoranthene		290		2.5	39
Benzo[a]pyrene		220		2.8	39
Benzo[a]anthracene		200		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		150		7.3	39
Dibenz(a,h)anthracene		41		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	79		38 - 105
Phenol-d5	106		41 - 118
Terphenyl-d14	99		16 - 151
2,4,6-Tribromophenol	84		10 - 120
2-Fluorophenol	97		37 - 125
2-Fluorobiphenyl	83		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-30 Date Sampled: 09/12/2013 1520
Client Matrix: Solid % Moisture: 16.1 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	U91007.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1117			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 2**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	11.57	320	J
191-26-4	Dibenzo[def,mno]chrysene	14.98	500	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-2SE-VD**

Lab Sample ID: 460-62968-31 Date Sampled: 09/12/2013 1545
Client Matrix: Solid % Moisture: 4.8 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182283	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	112742.D
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/20/2013 1214			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		230	U	230	1700
2-Chlorophenol		230	U	230	1700
2-Methylphenol		300	U	300	1700
4-Methylphenol		340	U	340	1700
Benzaldehyde		200	U	200	1700
Acetophenone		270	U	270	1700
Bis(2-chloroethyl)ether		24	U	24	170
2,2'-oxybis[1-chloropropane]		190	U	190	1700
N-Nitrosodi-n-propylamine		29	U	29	170
Nitrobenzene		25	U	25	170
Hexachloroethane		19	U	19	170
Isophorone		210	U	210	1700
2-Nitrophenol		190	U	190	1700
2,4-Dimethylphenol		430	U	430	1700
2,4-Dichlorophenol		250	U	250	1700
Bis(2-chloroethoxy)methane		220	U	220	1700
Naphthalene		200	U	200	1700
4-Chloroaniline		460	U	460	1700
Hexachlorobutadiene		42	U	42	350
Caprolactam		400	U	400	1700
4-Chloro-3-methylphenol		260	U	260	1700
2-Methylnaphthalene		220	U	220	1700
Hexachlorobenzene		24	U	24	170
Hexachlorocyclopentadiene		200	U	200	1700
2,4,6-Trichlorophenol		200	U	200	1700
2,4,5-Trichlorophenol		220	U	220	1700
Diphenyl		230	U	230	1700
2-Chloronaphthalene		190	U	190	1700
2-Nitroaniline		720	U	720	3500
2,6-Dinitrotoluene		52	U	52	350
Dimethyl phthalate		210	U	210	1700
Acenaphthylene		200	U	200	1700
3-Nitroaniline		610	U	610	3500
Acenaphthene		250	U	250	1700
4-Nitrophenol		1100	U	1100	5200
2,4-Dinitrophenol		990	U	990	5200
Dibenzofuran		200	U	200	1700
Diethyl phthalate		210	U	210	1700
Fluorene		220	U	220	1700
Fluoranthene		230	U	230	1700
Di-n-butyl phthalate		210	U	210	1700
2,4-Dinitrotoluene		57	U	57	350
4-Chlorophenyl phenyl ether		200	U	200	1700
4-Nitroaniline		540	U	540	3500
4,6-Dinitro-2-methylphenol		470	U	470	5200
4-Bromophenyl phenyl ether		170	U	170	1700

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-2SE-VD**

Lab Sample ID: 460-62968-31 Date Sampled: 09/12/2013 1545
Client Matrix: Solid % Moisture: 4.8 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182283	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	112742.D
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/20/2013 1214			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		270	U	270	1700
Anthracene		210	U	210	1700
Carbazole		200	U	200	1700
Phenanthrene		220	U	220	1700
Pentachlorophenol		520	U	520	5200
Pyrene		150	U	150	1700
Chrysene		200	U	200	1700
Benzo[k]fluoranthene		13	U	13	170
Benzo[g,h,i]perylene		130	U	130	1700
Benzo[b]fluoranthene		11	U	11	170
Benzo[a]pyrene		12	U	12	170
Benzo[a]anthracene		12	U	12	170
N-Nitrosodiphenylamine		170	U	170	1700
Butyl benzyl phthalate		160	U	160	1700
Bis(2-ethylhexyl) phthalate		580	U	580	1700
Di-n-octyl phthalate		110	U	110	1700
Indeno[1,2,3-cd]pyrene		32	U	32	170
Dibenz(a,h)anthracene		22	U	22	170
3,3'-Dichlorobenzidine		610	U	610	3500
1,2,4,5-Tetrachlorobenzene		230	U	230	1700
2,3,4,6-Tetrachlorophenol		230	U	230	1700

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	46		38 - 105
Phenol-d5	69		41 - 118
Terphenyl-d14	81		16 - 151
2,4,6-Tribromophenol	54		10 - 120
2-Fluorophenol	56		37 - 125
2-Fluorobiphenyl	73		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-2SE-VD**

Lab Sample ID: 460-62968-31 Date Sampled: 09/12/2013 1545
Client Matrix: Solid % Moisture: 4.8 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182283	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181497	Lab File ID:	112742.D
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/20/2013 1214			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 14**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
34303-81-6	3-Hexadecene, (Z)-	6.13	1500	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	6.97	5100	J N
	Unknown	7.05	1600	J
	Unknown	7.15	1600	J
54105-67-8	Heptadecane, 2,6-dimethyl-	7.23	7800	J N
	Unknown	7.26	1500	J
	Unknown	7.40	2000	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	7.68	9100	J N
	Unknown	7.99	1500	J
	Unknown alkane	8.02	3300	J
629-92-5	Nonadecane	8.07	1600	J N
1000282-04-8	Methoxyacetic acid, 2-tetradecyl ester	8.11	2200	J N
	Unknown	8.38	1900	J
	Unknown	8.88	1700	J

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-2SE-WT**

Lab Sample ID: 460-62968-32 Date Sampled: 09/12/2013 1550
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182394	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	112751.D
Dilution:	10			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 1729			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			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		650	J	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: 460-62968-1

Client Sample ID: **PMP-2SE-WT**

Lab Sample ID: 460-62968-32 Date Sampled: 09/12/2013 1550
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182394	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	112751.D
Dilution:	10			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 1729			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			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		380	J	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		460	U	460	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: 460-62968-1

Client Sample ID: **PMP-2SE-WT**

Lab Sample ID: 460-62968-32 Date Sampled: 09/12/2013 1550
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182394	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	112751.D
Dilution:	10			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 1729			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown alkane	5.72	17000	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	6.04	16000	J N
629-62-9	Pentadecane	6.25	35000	J N
31081-17-1	Nonane, 2-methyl-5-propyl-	6.46	10000	J N
6117-98-2	2,3-Dimethyldodecane	6.56	11000	J N
544-76-3	Hexadecane	6.74	37000	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	6.95	29000	J N
	Unknown Cycloalkane	7.03	11000	J
629-59-4	Tetradecane	7.22	73000	J N
2050-68-2	1,1'-Biphenyl, 4,4'-dichloro-	7.25	12000	J N
	Unknown	7.31	11000	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	7.66	23000	J N
	Unknown alkane	7.81	11000	J
35693-92-6	1,1'-Biphenyl, 2,4,6-trichloro-	8.01	21000	J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	8.76	12000	J N

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-2SE-SI**

Lab Sample ID: 460-62968-33 Date Sampled: 09/12/2013 1555
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	z2353.d
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 2300			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			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		290	U	290	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		470	U	470	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		220	U	220	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		220	U	220	1900
Diethyl phthalate		230	U	230	1900
Fluorene		320	J	240	1900
Fluoranthene		260	U	260	1900
Di-n-butyl phthalate		240	U	240	1900
2,4-Dinitrotoluene		63	U	63	390
4-Chlorophenyl phenyl ether		220	U	220	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: 460-62968-1

Client Sample ID: **PMP-2SE-SI**

Lab Sample ID: 460-62968-33 Date Sampled: 09/12/2013 1555
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	z2353.d
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 2300			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			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		1300	J	240	1900
Pentachlorophenol		570	U	570	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		670	U	670	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	65		38 - 105
Phenol-d5	75		41 - 118
Terphenyl-d14	84		16 - 151
2,4,6-Tribromophenol	69		10 - 120
2-Fluorophenol	74		37 - 125
2-Fluorobiphenyl	75		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-2SE-SI**

Lab Sample ID: 460-62968-33 Date Sampled: 09/12/2013 1555
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	z2353.d
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 2300			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	7.25	4400	J
	Unknown Alkane/Unknown-1	7.78	4700	J
	Unknown Alkane-4	8.18	18000	J
	Unknown Alkane/Unknown-2	8.25	5000	J
	Unknown Alkane-5	8.44	43000	J
	Unknown Alkane-6	8.62	8600	J
	Unknown-4	8.65	4800	J
	Unknown-5	8.74	8900	J
	Unknown Alkane-7	8.89	22000	J
	Trichloro-1,1-biphenyl isomer-1	9.08	4200	J
	Unknown Alkane/Unknown-3	9.24	5000	J
	Trichloro-1,1-biphenyl isomer-1	9.32	14000	J
	Trichloro-1,1-biphenyl isomer-2	9.39	4900	J
	Trichloro-1,1-biphenyl isomer-3	9.46	5100	J
	Tetrachloro-1,1-biphenyl isomer-1	9.59	6800	J

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-34 Date Sampled: 09/12/2013 1615
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	z2357.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 0039			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		59	U	59	350
4-Methylphenol		69	U	69	350
Benzaldehyde		41	U	41	350
Acetophenone		54	U	54	350
Bis(2-chloroethyl)ether		4.8	U	4.8	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
Nitrobenzene		5.0	U	5.0	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		42	U	42	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		86	U	86	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		40	U	40	350
4-Chloroaniline		92	U	92	350
Hexachlorobutadiene		8.5	U	8.5	71
Caprolactam		80	U	80	350
4-Chloro-3-methylphenol		53	U	53	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	710
2,6-Dinitrotoluene		11	U	11	71
Dimethyl phthalate		41	U	41	350
Acenaphthylene		41	U	41	350
3-Nitroaniline		120	U	120	710
Acenaphthene		51	U	51	350
4-Nitrophenol		220	U	220	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		41	U	41	350
Diethyl phthalate		42	U	42	350
Fluorene		45	U	45	350
Fluoranthene		47	U	47	350
Di-n-butyl phthalate		43	U	43	350
2,4-Dinitrotoluene		11	U	11	71
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	710
4,6-Dinitro-2-methylphenol		95	U	95	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-34 Date Sampled: 09/12/2013 1615
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	z2357.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 0039			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			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	64		38 - 105
Phenol-d5	71		41 - 118
Terphenyl-d14	81		16 - 151
2,4,6-Tribromophenol	70		10 - 120
2-Fluorophenol	66		37 - 125
2-Fluorobiphenyl	67		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-34 Date Sampled: 09/12/2013 1615
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	z2357.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/20/2013 0039			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	15.56	300	J

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-35 Date Sampled: 09/12/2013 1620
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	z2344.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1918			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			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		74	J	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: 460-62968-1

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

Lab Sample ID: 460-62968-35 Date Sampled: 09/12/2013 1620
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	z2344.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1918			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			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	77		38 - 105
Phenol-d5	74		41 - 118
Terphenyl-d14	86		16 - 151
2,4,6-Tribromophenol	88		10 - 120
2-Fluorophenol	72		37 - 125
2-Fluorobiphenyl	74		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-35 Date Sampled: 09/12/2013 1620
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	z2344.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1918			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			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: 460-62968-1

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

Lab Sample ID: 460-62968-36 Date Sampled: 09/12/2013 1625
Client Matrix: Solid % Moisture: 11.7 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	z2347.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 2032			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			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		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: 460-62968-1

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

Lab Sample ID: 460-62968-36 Date Sampled: 09/12/2013 1625
Client Matrix: Solid % Moisture: 11.7 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	z2347.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 2032			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			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		2.6	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		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	43		38 - 105
Phenol-d5	62		41 - 118
Terphenyl-d14	90		16 - 151
2,4,6-Tribromophenol	81		10 - 120
2-Fluorophenol	50		37 - 125
2-Fluorobiphenyl	46		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-36 Date Sampled: 09/12/2013 1625
Client Matrix: Solid % Moisture: 11.7 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	z2347.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 2032			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			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: 460-62968-1

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

Lab Sample ID: 460-62968-37 Date Sampled: 09/12/2013 1635
Client Matrix: Solid % Moisture: 5.1 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182394	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	112749.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/20/2013 1633			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		47	U	47	350
2-Chlorophenol		46	U	46	350
2-Methylphenol		59	U	59	350
4-Methylphenol		68	U	68	350
Benzaldehyde		41	U	41	350
Acetophenone		53	U	53	350
Bis(2-chloroethyl)ether		4.7	U	4.7	35
2,2'-oxybis[1-chloropropane]		38	U	38	350
N-Nitrosodi-n-propylamine		5.8	U	5.8	35
Nitrobenzene		4.9	U	4.9	35
Hexachloroethane		3.9	U	3.9	35
Isophorone		42	U	42	350
2-Nitrophenol		39	U	39	350
2,4-Dimethylphenol		86	U	86	350
2,4-Dichlorophenol		51	U	51	350
Bis(2-chloroethoxy)methane		45	U	45	350
Naphthalene		40	U	40	350
4-Chloroaniline		92	U	92	350
Hexachlorobutadiene		8.5	U	8.5	70
Caprolactam		80	U	80	350
4-Chloro-3-methylphenol		52	U	52	350
2-Methylnaphthalene		45	U	45	350
Hexachlorobenzene		4.8	U	4.8	35
Hexachlorocyclopentadiene		41	U	41	350
2,4,6-Trichlorophenol		41	U	41	350
2,4,5-Trichlorophenol		45	U	45	350
Diphenyl		47	U	47	350
2-Chloronaphthalene		39	U	39	350
2-Nitroaniline		150	U	150	700
2,6-Dinitrotoluene		10	U	10	70
Dimethyl phthalate		41	U	41	350
Acenaphthylene		41	U	41	350
3-Nitroaniline		120	U	120	700
Acenaphthene		51	U	51	350
4-Nitrophenol		220	U	220	1100
2,4-Dinitrophenol		200	U	200	1100
Dibenzofuran		41	U	41	350
Diethyl phthalate		41	U	41	350
Fluorene		44	U	44	350
Fluoranthene		46	U	46	350
Di-n-butyl phthalate		43	U	43	350
2,4-Dinitrotoluene		11	U	11	70
4-Chlorophenyl phenyl ether		41	U	41	350
4-Nitroaniline		110	U	110	700
4,6-Dinitro-2-methylphenol		95	U	95	1100
4-Bromophenyl phenyl ether		35	U	35	350

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-37 Date Sampled: 09/12/2013 1635
Client Matrix: Solid % Moisture: 5.1 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182394	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	112749.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/20/2013 1633			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			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	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	56		38 - 105
Phenol-d5	76		41 - 118
Terphenyl-d14	89		16 - 151
2,4,6-Tribromophenol	75		10 - 120
2-Fluorophenol	74		37 - 125
2-Fluorobiphenyl	69		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-37 Date Sampled: 09/12/2013 1635
Client Matrix: Solid % Moisture: 5.1 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182394	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	112749.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/20/2013 1633			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	13.21	760	J

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-23SE-VD**

Lab Sample ID: 460-62968-38 Date Sampled: 09/12/2013 1640
Client Matrix: Solid % Moisture: 3.5 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	z2348.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 2057			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			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		79	J	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: 460-62968-1

Client Sample ID: **PMP-23SE-VD**

Lab Sample ID: 460-62968-38 Date Sampled: 09/12/2013 1640
Client Matrix: Solid % Moisture: 3.5 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	z2348.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 2057			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			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	52		38 - 105
Phenol-d5	67		41 - 118
Terphenyl-d14	82		16 - 151
2,4,6-Tribromophenol	73		10 - 120
2-Fluorophenol	58		37 - 125
2-Fluorobiphenyl	55		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-23SE-VD**

Lab Sample ID: 460-62968-38 Date Sampled: 09/12/2013 1640
Client Matrix: Solid % Moisture: 3.5 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	z2348.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 2057			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			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: 460-62968-1

Client Sample ID: **PMP-23SE-WT**

Lab Sample ID: 460-62968-39 Date Sampled: 09/12/2013 1645
Client Matrix: Solid % Moisture: 4.6 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	z2349.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 2122			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1023			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		190	J	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: 460-62968-1

Client Sample ID: **PMP-23SE-WT**

Lab Sample ID: 460-62968-39 Date Sampled: 09/12/2013 1645
Client Matrix: Solid % Moisture: 4.6 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	z2349.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 2122			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1023			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	41		38 - 105
Phenol-d5	59		41 - 118
Terphenyl-d14	85		16 - 151
2,4,6-Tribromophenol	75		10 - 120
2-Fluorophenol	49		37 - 125
2-Fluorobiphenyl	45		40 - 109

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-23SE-WT**

Lab Sample ID: 460-62968-39 Date Sampled: 09/12/2013 1645
Client Matrix: Solid % Moisture: 4.6 Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-181498	Lab File ID:	z2349.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 2122			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1023			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: 460-62968-1

Client Sample ID: **FB-091213**

Lab Sample ID: 460-62968-40 Date Sampled: 09/12/2013 0710
Client Matrix: Water Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181879	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-181657	Lab File ID:	M69503.D
Dilution:	1.0			Initial Weight/Volume:	250 mL
Analysis Date:	09/18/2013 0507			Final Weight/Volume:	2 mL
Prep Date:	09/17/2013 0327			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	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	J	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
4-Bromophenyl phenyl ether	1.1	U	1.1	10

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **FB-091213**

Lab Sample ID: 460-62968-40 Date Sampled: 09/12/2013 0710
Client Matrix: Water Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181879	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-181657	Lab File ID:	M69503.D
Dilution:	1.0			Initial Weight/Volume:	250 mL
Analysis Date:	09/18/2013 0507			Final Weight/Volume:	2 mL
Prep Date:	09/17/2013 0327			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
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	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	111		51 - 126
2-Fluorophenol	52		15 - 96
Phenol-d5	35		4 - 86
Nitrobenzene-d5	85		60 - 114
2-Fluorobiphenyl	85		50 - 120
Terphenyl-d14	110		72 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **FB-091213**

Lab Sample ID: 460-62968-40 Date Sampled: 09/12/2013 0710
Client Matrix: Water Date Received: 09/13/2013 1530

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-181879	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-181657	Lab File ID:	M69503.D
Dilution:	1.0			Initial Weight/Volume:	250 mL
Analysis Date:	09/18/2013 0507			Final Weight/Volume:	2 mL
Prep Date:	09/17/2013 0327			Injection Volume:	5 uL

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

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

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-1 Date Sampled: 09/12/2013 0845
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181491	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1013			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			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		310		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	96		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-1 Date Sampled: 09/12/2013 0845
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181491	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1013			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	97		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-2 Date Sampled: 09/12/2013 0850
Client Matrix: Solid % Moisture: 13.5 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1657			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			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		17	U	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	90		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-2 Date Sampled: 09/12/2013 0850
Client Matrix: Solid % Moisture: 13.5 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1657			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	101		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-3 Date Sampled: 09/12/2013 0855
Client Matrix: Solid % Moisture: 13.7 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1714			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			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		130		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	57		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-3 Date Sampled: 09/12/2013 0855
Client Matrix: Solid % Moisture: 13.7 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1714			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	62		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-4 Date Sampled: 09/12/2013 0900
Client Matrix: Solid % Moisture: 5.4 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.00 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1054			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			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		13000		160	710
Aroclor 1248		160	U	160	710
Aroclor 1254		200	U	200	710
Aroclor 1260		1700		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: 460-62968-1

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

Lab Sample ID: 460-62968-4 Date Sampled: 09/12/2013 0900
Client Matrix: Solid % Moisture: 5.4 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.00 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1054			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-5 Date Sampled: 09/12/2013 0920
Client Matrix: Solid % Moisture: 6.2 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1750			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			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	76		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-5 Date Sampled: 09/12/2013 0920
Client Matrix: Solid % Moisture: 6.2 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1750			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	79		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-6 Date Sampled: 09/12/2013 0925
Client Matrix: Solid % Moisture: 13.0 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.03 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1111			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		170	U	170	770
Aroclor 1221		170	U	170	770
Aroclor 1232		170	U	170	770
Aroclor 1242		11000		170	770
Aroclor 1248		170	U	170	770
Aroclor 1254		220	U	220	770
Aroclor 1260		730	J	220	770
Aroclor 1262		220	U	220	770
Aroclor 1268		220	U	220	770

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-6 Date Sampled: 09/12/2013 0925
Client Matrix: Solid % Moisture: 13.0 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.03 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1111			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-7 Date Sampled: 09/12/2013 0930
Client Matrix: Solid % Moisture: 13.4 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1822			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			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		17	U	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	94		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-7 Date Sampled: 09/12/2013 0930
Client Matrix: Solid % Moisture: 13.4 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1822			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	98		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-8 Date Sampled: 09/12/2013 1000
Client Matrix: Solid % Moisture: 7.0 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1838			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			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	84		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-8 Date Sampled: 09/12/2013 1000
Client Matrix: Solid % Moisture: 7.0 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1838			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-9 Date Sampled: 09/12/2013 1005
Client Matrix: Solid % Moisture: 11.7 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.04 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1233			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		340	U	340	1500
Aroclor 1221		340	U	340	1500
Aroclor 1232		340	U	340	1500
Aroclor 1242		340	U	340	1500
Aroclor 1248		21000		340	1500
Aroclor 1254		430	U	430	1500
Aroclor 1260		430	U	430	1500
Aroclor 1262		430	U	430	1500
Aroclor 1268		430	U	430	1500

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-9 Date Sampled: 09/12/2013 1005
Client Matrix: Solid % Moisture: 11.7 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.04 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1233			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-10 Date Sampled: 09/12/2013 1010
Client Matrix: Solid % Moisture: 16.4 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1911			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			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		18	U	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	87		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-10 Date Sampled: 09/12/2013 1010
Client Matrix: Solid % Moisture: 16.4 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1911			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	92		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-11 Date Sampled: 09/12/2013 1025
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1927			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			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		270		16	71
Aroclor 1254		20	U	20	71
Aroclor 1260		51	J	20	71
Aroclor 1262		20	U	20	71
Aroclor 1268		20	U	20	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	83		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-11 Date Sampled: 09/12/2013 1025
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1927			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	87		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-12 Date Sampled: 09/12/2013 1030
Client Matrix: Solid % Moisture: 13.6 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.02 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1144			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		170	U	170	770
Aroclor 1221		170	U	170	770
Aroclor 1232		170	U	170	770
Aroclor 1242		11000		170	770
Aroclor 1248		170	U	170	770
Aroclor 1254		220	U	220	770
Aroclor 1260		220	U	220	770
Aroclor 1262		220	U	220	770
Aroclor 1268		220	U	220	770

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-12 Date Sampled: 09/12/2013 1030
Client Matrix: Solid % Moisture: 13.6 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.02 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1144			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-13 Date Sampled: 09/12/2013 1035
Client Matrix: Solid % Moisture: 14.3 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 2001			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			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		120		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	92		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-13 Date Sampled: 09/12/2013 1035
Client Matrix: Solid % Moisture: 14.3 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 2001			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-14 Date Sampled: 09/12/2013 1055
Client Matrix: Solid % Moisture: 4.9 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 2017			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			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	89		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-14 Date Sampled: 09/12/2013 1055
Client Matrix: Solid % Moisture: 4.9 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 2017			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-15 Date Sampled: 09/12/2013 1100
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.03 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1200			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		350	U	350	1600
Aroclor 1221		350	U	350	1600
Aroclor 1232		350	U	350	1600
Aroclor 1242		21000		350	1600
Aroclor 1248		350	U	350	1600
Aroclor 1254		440	U	440	1600
Aroclor 1260		440	U	440	1600
Aroclor 1262		440	U	440	1600
Aroclor 1268		440	U	440	1600

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-15 Date Sampled: 09/12/2013 1100
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.03 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1200			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-16 Date Sampled: 09/12/2013 1105
Client Matrix: Solid % Moisture: 15.2 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 2050			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		18	U	18	79
Aroclor 1221		18	U	18	79
Aroclor 1232		18	U	18	79
Aroclor 1242		70	J	18	79
Aroclor 1248		18	U	18	79
Aroclor 1254		22	U	22	79
Aroclor 1260		22	U	22	79
Aroclor 1262		22	U	22	79
Aroclor 1268		22	U	22	79

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-16 Date Sampled: 09/12/2013 1105
Client Matrix: Solid % Moisture: 15.2 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 2050			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	91		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-17 Date Sampled: 09/12/2013 1130
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 2107			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			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	94		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-17 Date Sampled: 09/12/2013 1130
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 2107			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	98		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-18 Date Sampled: 09/12/2013 1135
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.04 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1217			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		87	U	87	390
Aroclor 1221		87	U	87	390
Aroclor 1232		87	U	87	390
Aroclor 1242		3900		87	390
Aroclor 1248		87	U	87	390
Aroclor 1254		110	U	110	390
Aroclor 1260		520		110	390
Aroclor 1262		110	U	110	390
Aroclor 1268		110	U	110	390

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-18 Date Sampled: 09/12/2013 1135
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.04 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1217			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	111		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-19 Date Sampled: 09/12/2013 1140
Client Matrix: Solid % Moisture: 14.2 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 2140			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			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		310		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	88		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-19 Date Sampled: 09/12/2013 1140
Client Matrix: Solid % Moisture: 14.2 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 2140			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	92		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-20 Date Sampled: 09/12/2013 1200
Client Matrix: Solid % Moisture: 5.8 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 2156			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			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		1000		16	71
Aroclor 1254		20	U	20	71
Aroclor 1260		210		20	71
Aroclor 1262		20	U	20	71
Aroclor 1268		20	U	20	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	84		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-20 Date Sampled: 09/12/2013 1200
Client Matrix: Solid % Moisture: 5.8 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181600	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181442	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 2156			Injection Volume:	1 uL
Prep Date:	09/16/2013 0432			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-21 Date Sampled: 09/12/2013 1205
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181549	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.03 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1448			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			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		11000		170	780
Aroclor 1248		170	U	170	780
Aroclor 1254		220	U	220	780
Aroclor 1260		2800		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: 460-62968-1

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

Lab Sample ID: 460-62968-21 Date Sampled: 09/12/2013 1205
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181549	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.03 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1448			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-22 Date Sampled: 09/12/2013 1210
Client Matrix: Solid % Moisture: 14.4 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181549	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1416			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			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		290		18	78
Aroclor 1248		18	U	18	78
Aroclor 1254		22	U	22	78
Aroclor 1260		37	J	22	78
Aroclor 1262		22	U	22	78
Aroclor 1268		22	U	22	78

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	118		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-22 Date Sampled: 09/12/2013 1210
Client Matrix: Solid % Moisture: 14.4 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181549	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1416			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	90		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-23 Date Sampled: 09/12/2013 1215
Client Matrix: Solid % Moisture: 11.2 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181549	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1431			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	75
Aroclor 1221		17	U	17	75
Aroclor 1232		17	U	17	75
Aroclor 1242		79		17	75
Aroclor 1248		17	U	17	75
Aroclor 1254		21	U	21	75
Aroclor 1260		21	U	21	75
Aroclor 1262		21	U	21	75
Aroclor 1268		21	U	21	75

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	100		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-23 Date Sampled: 09/12/2013 1215
Client Matrix: Solid % Moisture: 11.2 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181549	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 1431			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	72		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-9SE-VD**

Lab Sample ID: 460-62968-24 Date Sampled: 09/12/2013 1400
Client Matrix: Solid % Moisture: 3.8 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181607	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 2320			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			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	92		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-9SE-VD**

Lab Sample ID: 460-62968-24 Date Sampled: 09/12/2013 1400
Client Matrix: Solid % Moisture: 3.8 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181607	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 2320			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-9SE-WT**

Lab Sample ID: 460-62968-25 Date Sampled: 09/12/2013 1405
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181607	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 2336			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			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	92		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-9SE-WT**

Lab Sample ID: 460-62968-25 Date Sampled: 09/12/2013 1405
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181607	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/16/2013 2336			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-9SE-SI**

Lab Sample ID: 460-62968-26 Date Sampled: 09/12/2013 1410
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.01 g
Dilution:	25			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0858			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		400	U	400	1800
Aroclor 1221		400	U	400	1800
Aroclor 1232		400	U	400	1800
Aroclor 1242		29000		400	1800
Aroclor 1248		400	U	400	1800
Aroclor 1254		500	U	500	1800
Aroclor 1260		500	U	500	1800
Aroclor 1262		500	U	500	1800
Aroclor 1268		500	U	500	1800

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-9SE-SI**

Lab Sample ID: 460-62968-26 Date Sampled: 09/12/2013 1410
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.01 g
Dilution:	25			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0858			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-27 Date Sampled: 09/12/2013 1515
Client Matrix: Solid % Moisture: 6.3 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.05 g
Dilution:	500			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0914			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		8000	U	8000	36000
Aroclor 1221		8000	U	8000	36000
Aroclor 1232		8000	U	8000	36000
Aroclor 1242		300000		8000	36000
Aroclor 1248		8000	U	8000	36000
Aroclor 1254		10000	U	10000	36000
Aroclor 1260		10000	U	10000	36000
Aroclor 1262		10000	U	10000	36000
Aroclor 1268		10000	U	10000	36000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-27 Date Sampled: 09/12/2013 1515
Client Matrix: Solid % Moisture: 6.3 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.05 g
Dilution:	500			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0914			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-28 Date Sampled: 09/12/2013 1530
Client Matrix: Solid % Moisture: 10.4 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.03 g
Dilution:	1000			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0931			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17000	U	17000	75000
Aroclor 1221		17000	U	17000	75000
Aroclor 1232		17000	U	17000	75000
Aroclor 1242		890000		17000	75000
Aroclor 1248		17000	U	17000	75000
Aroclor 1254		21000	U	21000	75000
Aroclor 1260		21000	U	21000	75000
Aroclor 1262		21000	U	21000	75000
Aroclor 1268		21000	U	21000	75000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-28 Date Sampled: 09/12/2013 1530
Client Matrix: Solid % Moisture: 10.4 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.03 g
Dilution:	1000			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0931			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-29 Date Sampled: 09/12/2013 1525
Client Matrix: Solid % Moisture: 5.9 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.00 g
Dilution:	1000			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0948			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16000	U	16000	71000
Aroclor 1221		16000	U	16000	71000
Aroclor 1232		16000	U	16000	71000
Aroclor 1242		1300000		16000	71000
Aroclor 1248		16000	U	16000	71000
Aroclor 1254		20000	U	20000	71000
Aroclor 1260		20000	U	20000	71000
Aroclor 1262		20000	U	20000	71000
Aroclor 1268		20000	U	20000	71000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-29 Date Sampled: 09/12/2013 1525
Client Matrix: Solid % Moisture: 5.9 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.00 g
Dilution:	1000			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0948			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-30 Date Sampled: 09/12/2013 1520
Client Matrix: Solid % Moisture: 16.1 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.02 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1004			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		1800	U	1800	8000
Aroclor 1221		1800	U	1800	8000
Aroclor 1232		1800	U	1800	8000
Aroclor 1242		100000		1800	8000
Aroclor 1248		1800	U	1800	8000
Aroclor 1254		2300	U	2300	8000
Aroclor 1260		2300	U	2300	8000
Aroclor 1262		2300	U	2300	8000
Aroclor 1268		2300	U	2300	8000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-30 Date Sampled: 09/12/2013 1520
Client Matrix: Solid % Moisture: 16.1 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.02 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1004			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-2SE-VD**

Lab Sample ID: 460-62968-31 Date Sampled: 09/12/2013 1545
Client Matrix: Solid % Moisture: 4.8 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181607	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0116			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			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		440		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: 460-62968-1

Client Sample ID: **PMP-2SE-VD**

Lab Sample ID: 460-62968-31 Date Sampled: 09/12/2013 1545
Client Matrix: Solid % Moisture: 4.8 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181607	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0116			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-2SE-WT**

Lab Sample ID: 460-62968-32 Date Sampled: 09/12/2013 1550
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.04 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1021			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			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		140000		3200	14000
Aroclor 1248		3200	U	3200	14000
Aroclor 1254		4000	U	4000	14000
Aroclor 1260		36000		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: 460-62968-1

Client Sample ID: **PMP-2SE-WT**

Lab Sample ID: 460-62968-32 Date Sampled: 09/12/2013 1550
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.04 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1021			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-2SE-SI**

Lab Sample ID: 460-62968-33 Date Sampled: 09/12/2013 1555
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.01 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1037			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			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		13000		170	780
Aroclor 1248		170	U	170	780
Aroclor 1254		220	U	220	780
Aroclor 1260		3100		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: 460-62968-1

Client Sample ID: **PMP-2SE-SI**

Lab Sample ID: 460-62968-33 Date Sampled: 09/12/2013 1555
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181716	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.01 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 1037			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-34 Date Sampled: 09/12/2013 1615
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181607	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0206			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			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		320		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	96		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-34 Date Sampled: 09/12/2013 1615
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181607	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0206			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	92		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-35 Date Sampled: 09/12/2013 1620
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181607	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0222			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			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		220		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	100		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-35 Date Sampled: 09/12/2013 1620
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181607	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0222			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-36 Date Sampled: 09/12/2013 1625
Client Matrix: Solid % Moisture: 11.7 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181607	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0239			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			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		350		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	93		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-36 Date Sampled: 09/12/2013 1625
Client Matrix: Solid % Moisture: 11.7 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181607	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0239			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-37 Date Sampled: 09/12/2013 1635
Client Matrix: Solid % Moisture: 5.1 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181607	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0255			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			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		180		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	96		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-37 Date Sampled: 09/12/2013 1635
Client Matrix: Solid % Moisture: 5.1 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181607	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0255			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-23SE-VD**

Lab Sample ID: 460-62968-38 Date Sampled: 09/12/2013 1640
Client Matrix: Solid % Moisture: 3.5 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181607	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0311			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			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		260		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	97		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-23SE-VD**

Lab Sample ID: 460-62968-38 Date Sampled: 09/12/2013 1640
Client Matrix: Solid % Moisture: 3.5 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181607	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0311			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-23SE-WT**

Lab Sample ID: 460-62968-39 Date Sampled: 09/12/2013 1645
Client Matrix: Solid % Moisture: 4.6 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181607	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0328			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			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		280		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	94		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-23SE-WT**

Lab Sample ID: 460-62968-39 Date Sampled: 09/12/2013 1645
Client Matrix: Solid % Moisture: 4.6 Date Received: 09/13/2013 1530

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-181607	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-181446	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/17/2013 0328			Injection Volume:	1 uL
Prep Date:	09/16/2013 0437			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	90		45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **FB-091213**

Lab Sample ID: 460-62968-40 Date Sampled: 09/12/2013 0710
Client Matrix: Water Date Received: 09/13/2013 1530

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 0513			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	47		37 - 150

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **FB-091213**

Lab Sample ID: 460-62968-40 Date Sampled: 09/12/2013 0710
Client Matrix: Water Date Received: 09/13/2013 1530

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 0513			Injection Volume:	1 uL
Prep Date:	09/16/2013 0847			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	45		37 - 150

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-1 Date Sampled: 09/12/2013 0845
Client Matrix: Solid % Moisture: 3.7 Date Received: 09/13/2013 1530

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:	460-181552	Lab File ID:	GC2F5368.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 1037			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1254			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		19		5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	95		50 - 105
Chlorobenzene	76		40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-2 Date Sampled: 09/12/2013 0850
Client Matrix: Solid % Moisture: 13.5 Date Received: 09/13/2013 1530

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:	GC2F5457.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	09/19/2013 0952			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)		8.4		6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	52		50 - 105
Chlorobenzene	31	X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-3 Date Sampled: 09/12/2013 0855
Client Matrix: Solid % Moisture: 13.7 Date Received: 09/13/2013 1530

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:	GC2F5458.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1007			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)		20		6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	50		50 - 105
Chlorobenzene	33	X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-4 Date Sampled: 09/12/2013 0900
Client Matrix: Solid % Moisture: 5.4 Date Received: 09/13/2013 1530

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:	460-181552	Lab File ID:	GC2F5369.D
Dilution:	20			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 1052			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1254			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	D X	50 - 105
Chlorobenzene	0	D X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-5 Date Sampled: 09/12/2013 0920
Client Matrix: Solid % Moisture: 6.2 Date Received: 09/13/2013 1530

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:	460-181552	Lab File ID:	GC2F5284.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 1307			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1254			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		8.5		5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	74		50 - 105
Chlorobenzene	51		40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-6 Date Sampled: 09/12/2013 0925
Client Matrix: Solid % Moisture: 13.0 Date Received: 09/13/2013 1530

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:	460-181552	Lab File ID:	GC2F5370.D
Dilution:	10			Initial Weight/Volume:	15.05 g
Analysis Date:	09/18/2013 1106			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1254			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		1700		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: 460-62968-1

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

Lab Sample ID: 460-62968-7 Date Sampled: 09/12/2013 0930
Client Matrix: Solid % Moisture: 13.4 Date Received: 09/13/2013 1530

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:	460-181552	Lab File ID:	GC2F5286.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/17/2013 1337			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1254			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.3	U	6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	53		50 - 105
Chlorobenzene	37	X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-8 Date Sampled: 09/12/2013 1000
Client Matrix: Solid % Moisture: 7.0 Date Received: 09/13/2013 1530

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:	460-181552	Lab File ID:	GC2F5287.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/17/2013 1351			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1254			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		9.3		5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	62		50 - 105
Chlorobenzene	43		40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-9 Date Sampled: 09/12/2013 1005
Client Matrix: Solid % Moisture: 11.7 Date Received: 09/13/2013 1530

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:	460-181552	Lab File ID:	GC2F5371.D
Dilution:	20			Initial Weight/Volume:	15.02 g
Analysis Date:	09/18/2013 1121			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1254			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		2800		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: 460-62968-1

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

Lab Sample ID: 460-62968-10 Date Sampled: 09/12/2013 1010
Client Matrix: Solid % Moisture: 16.4 Date Received: 09/13/2013 1530

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:	GC2F5459.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1021			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	U	6.6	6.6

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	73		50 - 105
Chlorobenzene	55		40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-11 Date Sampled: 09/12/2013 1025
Client Matrix: Solid % Moisture: 5.7 Date Received: 09/13/2013 1530

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:	460-181552	Lab File ID:	GC2F5290.D
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/17/2013 1436			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1254			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		77		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	79		50 - 105
Chlorobenzene	48		40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-12 Date Sampled: 09/12/2013 1030
Client Matrix: Solid % Moisture: 13.6 Date Received: 09/13/2013 1530

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:	460-181552	Lab File ID:	GC2F5372.D
Dilution:	10			Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2013 1135			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1254			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		1400		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: 460-62968-1

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

Lab Sample ID: 460-62968-13 Date Sampled: 09/12/2013 1035
Client Matrix: Solid % Moisture: 14.3 Date Received: 09/13/2013 1530

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:	460-181552	Lab File ID:	GC2F5292.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 1505			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1254			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		88		6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	74		50 - 105
Chlorobenzene	44		40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-14 Date Sampled: 09/12/2013 1055
Client Matrix: Solid % Moisture: 4.9 Date Received: 09/13/2013 1530

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:	460-181552	Lab File ID:	GC2F5295.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/17/2013 1549			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1254			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		64		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	70		50 - 105
Chlorobenzene	49		40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-15 Date Sampled: 09/12/2013 1100
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

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:	460-181552	Lab File ID:	GC2F5373.D
Dilution:	10			Initial Weight/Volume:	15.05 g
Analysis Date:	09/18/2013 1150			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1254			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		1300		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: 460-62968-1

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

Lab Sample ID: 460-62968-16 Date Sampled: 09/12/2013 1105
Client Matrix: Solid % Moisture: 15.2 Date Received: 09/13/2013 1530

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:	GC2F5460.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1036			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)		7.8		6.5	6.5

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	76		50 - 105
Chlorobenzene	52		40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-17 Date Sampled: 09/12/2013 1130
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1530

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:	460-181552	Lab File ID:	GC2F5298.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/17/2013 1633			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1254			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		49		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	69		50 - 105
Chlorobenzene	42		40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-18 Date Sampled: 09/12/2013 1135
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

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:	460-181552	Lab File ID:	GC2F5374.D
Dilution:	10			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 1205			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1254			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		680		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: 460-62968-1

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

Lab Sample ID: 460-62968-19 Date Sampled: 09/12/2013 1140
Client Matrix: Solid % Moisture: 14.2 Date Received: 09/13/2013 1530

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:	GC2F5461.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1051			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)		62		6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	71		50 - 105
Chlorobenzene	41		40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-20 Date Sampled: 09/12/2013 1200
Client Matrix: Solid % Moisture: 5.8 Date Received: 09/13/2013 1530

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:	460-181552	Lab File ID:	GC2F5375.D
Dilution:	10			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 1220			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1254			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		1400		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: 460-62968-1

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

Lab Sample ID: 460-62968-21 Date Sampled: 09/12/2013 1205
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1530

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:	460-181553	Lab File ID:	GC2F5389.D
Dilution:	50			Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2013 1647			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)		4900		320	320

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	D X	50 - 105
Chlorobenzene	0	D X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-22 Date Sampled: 09/12/2013 1210
Client Matrix: Solid % Moisture: 14.4 Date Received: 09/13/2013 1530

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:	GC2F5464.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	09/19/2013 1135			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)		39		6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	62		50 - 105
Chlorobenzene	39	X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-23 Date Sampled: 09/12/2013 1215
Client Matrix: Solid % Moisture: 11.2 Date Received: 09/13/2013 1530

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:	GC2F5465.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1150			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)		8.0		6.2	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	51		50 - 105
Chlorobenzene	30	X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-9SE-VD**

Lab Sample ID: 460-62968-24 Date Sampled: 09/12/2013 1400
Client Matrix: Solid % Moisture: 3.8 Date Received: 09/13/2013 1530

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:	GC2F5311.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/17/2013 1944			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)		5.7	U	5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	52		50 - 105
Chlorobenzene	36	X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-9SE-WT**

Lab Sample ID: 460-62968-25 Date Sampled: 09/12/2013 1405
Client Matrix: Solid % Moisture: 13.9 Date Received: 09/13/2013 1530

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:	GC2F5312.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/17/2013 1958			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)		6.4	U	6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	53		50 - 105
Chlorobenzene	30	X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-9SE-SI**

Lab Sample ID: 460-62968-26 Date Sampled: 09/12/2013 1410
Client Matrix: Solid % Moisture: 5.5 Date Received: 09/13/2013 1530

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:	460-181553	Lab File ID:	GC2F5379.D
Dilution:	10			Initial Weight/Volume:	15.05 g
Analysis Date:	09/18/2013 1420			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)		2200		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: 460-62968-1

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

Lab Sample ID: 460-62968-27 Date Sampled: 09/12/2013 1515
Client Matrix: Solid % Moisture: 6.3 Date Received: 09/13/2013 1530

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:	460-181553	Lab File ID:	GC2F5380.D
Dilution:	50			Initial Weight/Volume:	15.03 g
Analysis Date:	09/18/2013 1435			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)		4200		290	290

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	D X	50 - 105
Chlorobenzene	0	D X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-28 Date Sampled: 09/12/2013 1530
Client Matrix: Solid % Moisture: 10.4 Date Received: 09/13/2013 1530

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:	460-181553	Lab File ID:	GC2F5381.D
Dilution:	100			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 1449			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)		8700		610	610

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	D X	50 - 105
Chlorobenzene	0	D X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-29 Date Sampled: 09/12/2013 1525
Client Matrix: Solid % Moisture: 5.9 Date Received: 09/13/2013 1530

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:	460-181553	Lab File ID:	GC2F5382.D
Dilution:	20			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 1504			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)		2900		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: 460-62968-1

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

Lab Sample ID: 460-62968-30 Date Sampled: 09/12/2013 1520
Client Matrix: Solid % Moisture: 16.1 Date Received: 09/13/2013 1530

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:	460-181553	Lab File ID:	GC2F5493.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1902			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)		77		6.6	6.6

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-2SE-VD**

Lab Sample ID: 460-62968-31 Date Sampled: 09/12/2013 1545
Client Matrix: Solid % Moisture: 4.8 Date Received: 09/13/2013 1530

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:	460-181553	Lab File ID:	GC2F5494.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1917			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)		120		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-2SE-WT**

Lab Sample ID: 460-62968-32 Date Sampled: 09/12/2013 1550
Client Matrix: Solid % Moisture: 5.6 Date Received: 09/13/2013 1530

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:	460-181553	Lab File ID:	GC2F5385.D
Dilution:	20			Initial Weight/Volume:	15.01 g
Analysis Date:	09/18/2013 1548			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)		3400		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: 460-62968-1

Client Sample ID: **PMP-2SE-SI**

Lab Sample ID: 460-62968-33 Date Sampled: 09/12/2013 1555
Client Matrix: Solid % Moisture: 13.8 Date Received: 09/13/2013 1530

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:	460-181553	Lab File ID:	GC2F5495.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 1932			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)		120		6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-34 Date Sampled: 09/12/2013 1615
Client Matrix: Solid % Moisture: 5.2 Date Received: 09/13/2013 1530

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:	GC2F5323.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 2240			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)		16		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	72		50 - 105
Chlorobenzene	47		40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-35 Date Sampled: 09/12/2013 1620
Client Matrix: Solid % Moisture: 3.4 Date Received: 09/13/2013 1530

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:	460-181553	Lab File ID:	GC2F5378.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/18/2013 1348			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)		5.7	U	5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	104		50 - 105
Chlorobenzene	79		40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-36 Date Sampled: 09/12/2013 1625
Client Matrix: Solid % Moisture: 11.7 Date Received: 09/13/2013 1530

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:	GC2F5327.D
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	09/17/2013 2338			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)		6.2	U	6.2	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	64		50 - 105
Chlorobenzene	45		40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

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

Lab Sample ID: 460-62968-37 Date Sampled: 09/12/2013 1635
Client Matrix: Solid % Moisture: 5.1 Date Received: 09/13/2013 1530

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:	GC2F5466.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1204			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)		9.0		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	53		50 - 105
Chlorobenzene	32	X	40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-23SE-VD**

Lab Sample ID: 460-62968-38 Date Sampled: 09/12/2013 1640
Client Matrix: Solid % Moisture: 3.5 Date Received: 09/13/2013 1530

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:	GC2F5467.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1219			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	69		50 - 105
Chlorobenzene	48		40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **PMP-23SE-WT**

Lab Sample ID: 460-62968-39 Date Sampled: 09/12/2013 1645
Client Matrix: Solid % Moisture: 4.6 Date Received: 09/13/2013 1530

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:	GC2F5468.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	09/19/2013 1234			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)		5.8	U	5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	64		50 - 105
Chlorobenzene	45		40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

Client Sample ID: **FB-091213**

Lab Sample ID: 460-62968-40 Date Sampled: 09/12/2013 0710
Client Matrix: Water Date Received: 09/13/2013 1530

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:	GC2F5270.D
Dilution:	1.0			Initial Weight/Volume:	990 mL
Analysis Date:	09/17/2013 0941			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	64		51 - 123
Chlorobenzene	55		42 - 93

General Chemistry

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

Lab Sample ID: 460-62968-1 Date Sampled: 09/12/2013 0845

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	3.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						DryWt Corrected: N
Percent Solids	96.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						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 1456						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-2 Date Sampled: 09/12/2013 0850

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						DryWt Corrected: N
Percent Solids	86.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						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 1456						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-3 Date Sampled: 09/12/2013 0855
Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						DryWt Corrected: N
Percent Solids	86.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						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 1456						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-4 Date Sampled: 09/12/2013 0900

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						DryWt Corrected: N
Percent Solids	94.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						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 1456						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-5 Date Sampled: 09/12/2013 0920
Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	6.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						DryWt Corrected: N
Percent Solids	93.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						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 1456						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-6 Date Sampled: 09/12/2013 0925

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						DryWt Corrected: N
Percent Solids	87.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						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 1456						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-7 Date Sampled: 09/12/2013 0930

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						DryWt Corrected: N
Percent Solids	86.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						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 1456						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-8 Date Sampled: 09/12/2013 1000

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	7.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						DryWt Corrected: N
Percent Solids	93.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						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 1459						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-9 Date Sampled: 09/12/2013 1005
Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	11.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						DryWt Corrected: N
Percent Solids	88.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						DryWt Corrected: N
Chloride-ASTM Leach	943		mg/Kg	58.2	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-182249	Analysis Date: 09/19/2013 1459						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-10 Date Sampled: 09/12/2013 1010

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	16.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						DryWt Corrected: N
Percent Solids	83.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						DryWt Corrected: N
Chloride-ASTM Leach	58.1	U	mg/Kg	58.1	99.7	1.0	SM 4500 Cl- E
Analysis Batch: 460-182249	Analysis Date: 09/19/2013 1524						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-11 Date Sampled: 09/12/2013 1025
Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						DryWt Corrected: N
Percent Solids	94.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						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 1524						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-12 Date Sampled: 09/12/2013 1030
Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						DryWt Corrected: N
Percent Solids	86.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						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 1524						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-13 Date Sampled: 09/12/2013 1035

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	14.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						DryWt Corrected: N
Percent Solids	85.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						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 1524						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-14 Date Sampled: 09/12/2013 1055

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						DryWt Corrected: N
Percent Solids	95.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						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 1524						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-15 Date Sampled: 09/12/2013 1100

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						DryWt Corrected: N
Percent Solids	86.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						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 1524						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-16 Date Sampled: 09/12/2013 1105

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	15.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						DryWt Corrected: N
Percent Solids	84.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						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 1524						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-17 Date Sampled: 09/12/2013 1130

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						DryWt Corrected: N
Percent Solids	94.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181832	Analysis Date: 09/17/2013 1621						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 1527						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-18 Date Sampled: 09/12/2013 1135
Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Percent Solids	86.1		%	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	100	1.0	SM 4500 Cl- E
Analysis Batch: 460-182249	Analysis Date: 09/19/2013 1527						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-19 Date Sampled: 09/12/2013 1140

Client Matrix: Solid Date Received: 09/13/2013 1530

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	58.1	U	mg/Kg	58.1	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182249	Analysis Date: 09/19/2013 1550						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-20 Date Sampled: 09/12/2013 1200

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Percent Solids	94.2		%	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	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-182249	Analysis Date: 09/19/2013 1550						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-21 Date Sampled: 09/12/2013 1205

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Percent Solids	86.2		%	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	99.8	1.0	SM 4500 Cl- E
Analysis Batch: 460-182249	Analysis Date: 09/19/2013 1550						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-22 Date Sampled: 09/12/2013 1210

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	14.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Percent Solids	85.6		%	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	100	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-28SE-SD**

Lab Sample ID: 460-62968-23 Date Sampled: 09/12/2013 1215

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	11.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Percent Solids	88.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181835	Analysis Date: 09/17/2013 1652						DryWt Corrected: N
Chloride-ASTM Leach	58.2	U	mg/Kg	58.2	99.9	1.0	SM 4500 Cl- E
Analysis Batch: 460-182249	Analysis Date: 09/19/2013 1550						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-9SE-VD**

Lab Sample ID: 460-62968-24 Date Sampled: 09/12/2013 1400

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	3.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						DryWt Corrected: N
Percent Solids	96.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						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 1550						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-9SE-WT**

Lab Sample ID: 460-62968-25 Date Sampled: 09/12/2013 1405
Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						DryWt Corrected: N
Percent Solids	86.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						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 1550						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-9SE-SI**

Lab Sample ID: 460-62968-26 Date Sampled: 09/12/2013 1410

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						DryWt Corrected: N
Percent Solids	94.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						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 1553						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-27 Date Sampled: 09/12/2013 1515

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	6.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						DryWt Corrected: N
Percent Solids	93.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						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 1553						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-28 Date Sampled: 09/12/2013 1530

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	10.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						DryWt Corrected: N
Percent Solids	89.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						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 1606						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-29 Date Sampled: 09/12/2013 1525
Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						DryWt Corrected: N
Percent Solids	94.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						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 1606						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-30 Date Sampled: 09/12/2013 1520

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	16.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						DryWt Corrected: N
Percent Solids	83.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						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 1606						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-2SE-VD**

Lab Sample ID: 460-62968-31 Date Sampled: 09/12/2013 1545

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						DryWt Corrected: N
Percent Solids	95.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						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 1606						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-2SE-WT**

Lab Sample ID: 460-62968-32 Date Sampled: 09/12/2013 1550

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						DryWt Corrected: N
Percent Solids	94.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						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 1606						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-2SE-SI**

Lab Sample ID: 460-62968-33 Date Sampled: 09/12/2013 1555

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						DryWt Corrected: N
Percent Solids	86.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						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 1606						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-34 Date Sampled: 09/12/2013 1615

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						DryWt Corrected: N
Percent Solids	94.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						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 1606						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-35 Date Sampled: 09/12/2013 1620

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	3.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						DryWt Corrected: N
Percent Solids	96.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						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 1610						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-36 Date Sampled: 09/12/2013 1625
Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	11.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						DryWt Corrected: N
Percent Solids	88.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181599	Analysis Date: 09/16/2013 1623						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 1610						DryWt Corrected: N

General Chemistry

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

Lab Sample ID: 460-62968-37 Date Sampled: 09/12/2013 1635

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181601	Analysis Date: 09/16/2013 1635						DryWt Corrected: N
Percent Solids	94.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181601	Analysis Date: 09/16/2013 1635						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-23SE-VD**

Lab Sample ID: 460-62968-38 Date Sampled: 09/12/2013 1640

Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	3.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181601	Analysis Date: 09/16/2013 1635						DryWt Corrected: N
Percent Solids	96.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181601	Analysis Date: 09/16/2013 1635						DryWt Corrected: N
Chloride-ASTM Leach	61.0	J	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-23SE-WT**

Lab Sample ID: 460-62968-39 Date Sampled: 09/12/2013 1645
Client Matrix: Solid Date Received: 09/13/2013 1530

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181601	Analysis Date: 09/16/2013 1635						DryWt Corrected: N
Percent Solids	95.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-181601	Analysis Date: 09/16/2013 1635						DryWt Corrected: N
Chloride-ASTM Leach	69.7	J	mg/Kg	58.2	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: **FB-091213**

Lab Sample ID: 460-62968-40 Date Sampled: 09/12/2013 0710

Client Matrix: Water Date Received: 09/13/2013 1530

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: 460-62968-1

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
460-62968-1	PMP-27SE-VD	114	109	102	99
460-62968-2	PMP-27SE-WT	117	114	102	99
460-62968-3	PMP-27SE-SI	89	83	98	105
460-62968-4	PMP-27SE-SD	116	120	124	81
460-62968-5	PMP-19SE-VD	92	83	109	105
460-62968-7	PMP-19SE-SI	94	88	105	103
460-62968-8	PMP-26SE-VD	115	102	97	93
460-62968-10	PMP-26SE-SI	109	103	102	95
460-62968-11	PMP-18SE-VD	114	108	103	96
460-62968-13	PMP-18SE-SI	114	105	99	94
460-62968-14	PMP-17SE-VD	97	90	108	112
460-62968-15	PMP-17SE-WT	90	82	127	75
460-62968-16	PMP-17SE-SI	96	89	108	103
460-62968-17	PMP-16SE-VD	94	91	101	109
460-62968-20	PMP-28SE-VD	90	84	112	116
460-62968-21	PMP-28SE-WT	112	107	116	72
460-62968-22	PMP-28SE-SI	117	110	103	104
460-62968-23	PMP-28SE-SD	90	85	104	102
460-62968-24	PMP-9SE-VD	90	89	106	105
460-62968-25	PMP-9SE-WT	113	106	98	97
460-62968-31	PMP-2SE-VD	108	98	106	129
460-62968-34	PMP-22SE-VS	114	102	114	123
460-62968-35	PMP-22SE-VD	97	90	107	105
460-62968-36	PMP-22SE-WT	93	91	105	106
460-62968-37	PMP-23SE-VS	89	90	105	97
460-62968-38	PMP-23SE-VD	97	92	113	125
460-62968-39	PMP-23SE-WT	90	88	111	101
460-62968-41	Trip Blank	97	94	111	103
MB 460-181887/6		118	121	96	99

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: 460-62968-1

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
MB 460-182028/8		123	125	99	98
MB 460-182082/7		91	90	105	104
MB 460-182221/5		95	93	103	107
MB 460-182467/8		106	97	99	106
LCS 460-181887/3		111	107	95	97
LCS 460-182028/5		117	116	105	106
LCS 460-182082/4		90	89	105	105
LCS 460-182221/3		93	87	103	100
LCS 460-182467/4		101	94	99	111
LCSD 460-181887/4		112	109	101	96
LCSD 460-182028/6		116	110	105	103
LCSD 460-182082/5		92	92	107	107
LCSD 460-182221/4		93	84	107	105
LCSD 460-182467/5		104	94	103	103

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: 460-62968-1

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
460-62968-6	PMP-19SE-WT	88	93	79	86
460-62968-9	PMP-26SE-WT	83	88	79	88
460-62968-12	PMP-18SE-WT	157X	168X	145	165X
460-62968-18	PMP-16SE-WT	97	100	88	95
460-62968-19	PMP-16SE-SI	84	89	78	86
460-62968-26	PMP-9SE-SI	87	95	82	93
460-62968-27	PMP-24SE-VS	86	93	82	92
460-62968-28	PMP-24SE-VD	90	90	78	89
460-62968-29	PMP-24SE-WT	87	93	78	88
460-62968-30	PMP-24SE-SI	85	90	79	88
460-62968-32	PMP-2SE-WT	88	96	83	90
460-62968-33	PMP-2SE-SI	87	93	84	93
MB 460-182063/5		96	99	97	93
MB 460-182095/8		96	97	96	92
MB 460-182277/7		99	101	102	97
LCS 460-182063/3		100	98	96	92
LCS 460-182095/5		99	99	98	93
LCS 460-182277/4		98	100	99	94
460-62968-6 MS	PMP-19SE-WT MS	88	86	74	81
460-62858-D-13-A MS		82	83	74	80
460-62871-A-1-A MS		90	91	77	85
460-62968-6 MSD	PMP-19SE-WT MSD	91	91	78	83
460-62858-D-13-A MSD		88	86	78	84
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: 460-62968-1

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
460-62968-40	FB-091213	105	113	101	96
MB 460-182051/6		104	112	101	93
LCS 460-182051/4		102	103	101	99
460-62990-A-6 MS		112	120	110	111
460-62990-A-6 MSD		101	110	100	103

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: 460-62968-1

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
460-62968-1	PMP-27SE-VD	92	91	86	84	104	79
460-62968-2	PMP-27SE-WT	96	97	77	74	110	84
460-62968-3	PMP-27SE-SI	95	90	70	67	89	74
460-62968-4	PMP-27SE-SD	82	81	89	79	68	68
460-62968-5	PMP-19SE-VD	97	101	71	69	97	82
460-62968-6	PMP-19SE-WT	84	89	71	50	55	86
460-62968-7	PMP-19SE-SI	89	98	63	62	98	80
460-62968-8	PMP-26SE-VD	96	102	69	69	94	82
460-62968-9	PMP-26SE-WT	85	80	73	88	76	65
460-62968-10	PMP-26SE-SI	97	98	68	65	111	69
460-62968-11	PMP-18SE-VD	74	88	55	58	76	83
460-62968-12	PMP-18SE-WT	77	82	64	64	80	88
460-62968-13	PMP-18SE-SI	82	91	62	64	95	82
460-62968-14	PMP-17SE-VD	76	79	81	78	77	94
460-62968-15	PMP-17SE-WT	76	76	81	85	76	72
460-62968-16	PMP-17SE-SI	76	79	80	80	80	93
460-62968-17	PMP-16SE-VD	74	78	78	76	73	93
460-62968-18	PMP-16SE-WT	79	83	84	90	84	80
460-62968-19	PMP-16SE-SI	75	79	80	78	82	94
460-62968-20	PMP-28SE-VD	78	82	85	84	79	86
460-62968-21	PMP-28SE-WT	80	84	88	90	77	73
460-62968-22	PMP-28SE-SI	76	79	82	81	88	90
460-62968-23	PMP-28SE-SD	75	76	80	78	81	94
460-62968-24	PMP-9SE-VD	78	81	82	80	86	99
460-62968-25	PMP-9SE-WT	74	75	78	76	74	94
460-62968-26	PMP-9SE-SI	71	76	57	35X	45	72
460-62968-27	PMP-24SE-VS	69	69	69	80	65	78
460-62968-28	PMP-24SE-VD	72	76	68	86	64	69
460-62968-29 DL	PMP-24SE-WT DL	0D	0D	0D	0D	0D	0D

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: 460-62968-1

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
460-62968-30	PMP-24SE-SI	97	106	79	83	84	99
460-62968-31	PMP-2SE-VD	56	69	46	73	54	81
460-62968-32	PMP-2SE-WT	0D	0D	0D	0D	0D	0D
460-62968-33	PMP-2SE-SI	74	75	65	75	69	84
460-62968-34	PMP-22SE-VS	66	71	64	67	70	81
460-62968-35	PMP-22SE-VD	72	74	77	74	88	86
460-62968-36	PMP-22SE-WT	50	62	43	46	81	90
460-62968-37	PMP-23SE-VS	74	76	56	69	75	89
460-62968-38	PMP-23SE-VD	58	67	52	55	73	82
460-62968-39	PMP-23SE-WT	49	59	41	45	75	85
MB 460-181416/1-A		78	80	84	80	73	96
MB 460-181497/1-A		103	108	82	75	102	80
MB 460-181498/1-A		77	82	80	80	56	100
LCS 460-181416/2-A		70	75	76	75	73	82
LCS 460-181497/2-A		75	78	66	66	79	63
LCS 460-181498/2-A		63	66	65	66	65	67
460-62968-1 MS	PMP-27SE-VD MS	79	75	72	82	73	65
460-62968-35 MS	PMP-22SE-VD MS	71	75	74	75	81	77
460-63019-A-6-C MS		81	87	88	92	82	97
460-62968-1 MSD	PMP-27SE-VD MSD	86	85	70	81	73	72
460-62968-35 MSD	PMP-22SE-VD MSD	71	75	73	74	77	78
460-63019-A-6-D MSD		80	85	88	90	78	92

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: 460-62968-1

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
460-62968-40	FB-091213	52	35	85	85	111	110
MB 460-181657/1-A		55	37	85	82	98	101
LCS 460-181657/2-A		46	31	69	81	112	73
LCSD 460-181657/3-A		49	33	76	87	131X	90

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: 460-62968-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-62968-1	PMP-27SE-VD	96	97
460-62968-2	PMP-27SE-WT	90	101
460-62968-3	PMP-27SE-SI	57	62
460-62968-4	PMP-27SE-SD	0X	0X
460-62968-5	PMP-19SE-VD	76	79
460-62968-6	PMP-19SE-WT	0X	0X
460-62968-7	PMP-19SE-SI	94	98
460-62968-8	PMP-26SE-VD	84	88
460-62968-9	PMP-26SE-WT	0X	0X
460-62968-10	PMP-26SE-SI	87	92
460-62968-11	PMP-18SE-VD	83	87
460-62968-12	PMP-18SE-WT	0X	0X
460-62968-13	PMP-18SE-SI	92	95
460-62968-14	PMP-17SE-VD	89	93
460-62968-15	PMP-17SE-WT	0X	0X
460-62968-16	PMP-17SE-SI	88	91
460-62968-17	PMP-16SE-VD	94	98
460-62968-18	PMP-16SE-WT	93	111
460-62968-19	PMP-16SE-SI	88	92
460-62968-20	PMP-28SE-VD	84	89
460-62968-21	PMP-28SE-WT	0X	0X
460-62968-22	PMP-28SE-SI	118	90
460-62968-23	PMP-28SE-SD	100	72
460-62968-24	PMP-9SE-VD	88	92
460-62968-25	PMP-9SE-WT	88	92
460-62968-26	PMP-9SE-SI	0X	0X
460-62968-27	PMP-24SE-VS	0X	0X
460-62968-28	PMP-24SE-VD	0X	0X
460-62968-29	PMP-24SE-WT	0X	0X

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	45-138

Client: Antea USA, Inc.

Job Number: 460-62968-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-62968-30	PMP-24SE-SI	0X	0X
460-62968-31	PMP-2SE-VD	88	93
460-62968-32	PMP-2SE-WT	0X	0X
460-62968-33	PMP-2SE-SI	0X	0X
460-62968-34	PMP-22SE-VS	92	96
460-62968-35	PMP-22SE-VD	95	100
460-62968-36	PMP-22SE-WT	89	93
460-62968-37	PMP-23SE-VS	93	96
460-62968-38	PMP-23SE-VD	93	97
460-62968-39	PMP-23SE-WT	90	94
MB 460-181442/1-A		116	117
MB 460-181446/1-A		110	83
LCS 460-181442/2-A		118	118
LCS 460-181446/2-A		127	96
460-62968-1 MS	PMP-27SE-VD MS	85	87
460-62968-21 MS	PMP-28SE-WT MS	0X	0X
460-62968-1 MSD	PMP-27SE-VD MSD	89	91
460-62968-21 MSD	PMP-28SE-WT MSD	0X	0X

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	45-138

Client: Antea USA, Inc.

Job Number: 460-62968-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-62968-40	FB-091213	47	45
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: 460-62968-1

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
460-62968-1	PMP-27SE-VD	76	95
460-62968-2	PMP-27SE-WT	31X	52
460-62968-3	PMP-27SE-SI	33X	50
460-62968-4	PMP-27SE-SD	0D X	0D X
460-62968-5	PMP-19SE-VD	51	74
460-62968-6	PMP-19SE-WT	0D X	0D X
460-62968-7	PMP-19SE-SI	37X	53
460-62968-8	PMP-26SE-VD	43	62
460-62968-9	PMP-26SE-WT	0D X	0D X
460-62968-10	PMP-26SE-SI	55	73
460-62968-11	PMP-18SE-VD	48	79
460-62968-12	PMP-18SE-WT	0D X	0D X
460-62968-13	PMP-18SE-SI	44	74
460-62968-14	PMP-17SE-VD	49	70
460-62968-15	PMP-17SE-WT	0D X	0D X
460-62968-16	PMP-17SE-SI	52	76
460-62968-17	PMP-16SE-VD	42	69
460-62968-18	PMP-16SE-WT	0D X	0D X
460-62968-19	PMP-16SE-SI	41	71
460-62968-20	PMP-28SE-VD	0D X	0D X
460-62968-21	PMP-28SE-WT	0D X	0D X
460-62968-22	PMP-28SE-SI	39X	62
460-62968-23	PMP-28SE-SD	30X	51
460-62968-24	PMP-9SE-VD	36X	52
460-62968-25	PMP-9SE-WT	30X	53
460-62968-26	PMP-9SE-SI	0D X	0D X
460-62968-27	PMP-24SE-VS	0D X	0D X
460-62968-28	PMP-24SE-VD	0D X	0D X
460-62968-29	PMP-24SE-WT	0D X	0D X

Surrogate	Acceptance Limits
CB = Chlorobenzene	40-80
OTPH = o-Terphenyl	50-105

Client: Antea USA, Inc.

Job Number: 460-62968-1

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
460-62968-30	PMP-24SE-SI	0X D	0X D
460-62968-31	PMP-2SE-VD	0X D	0X D
460-62968-32	PMP-2SE-WT	0D X	0D X
460-62968-33	PMP-2SE-SI	0X D	0X D
460-62968-34	PMP-22SE-VS	47	72
460-62968-35	PMP-22SE-VD	79	104
460-62968-36	PMP-22SE-WT	45	64
460-62968-37	PMP-23SE-VS	32X	53
460-62968-38	PMP-23SE-VD	48	69
460-62968-39	PMP-23SE-WT	45	64
MB 460-181552/1-A		58	73
MB 460-181553/1-A		61	84
MB 460-181994/1-A		56	78
LCS 460-181552/2-A		70	82
LCS 460-181553/2-A		71	78
LCS 460-181994/2-A		69	80
460-62968-1 MS	PMP-27SE-VD MS	53	73
460-62968-35 MS	PMP-22SE-VD MS	54	66
460-62993-E-15-D MS		61	71
460-62968-1 MSD	PMP-27SE-VD MSD	46	60
460-62968-35 MSD	PMP-22SE-VD MSD	44	55
460-62993-E-15-E MSD		61	72

Surrogate	Acceptance Limits
CB = Chlorobenzene	40-80
OTPH = o-Terphenyl	50-105

Client: Antea USA, Inc.

Job Number: 460-62968-1

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
460-62968-40	FB-091213	55	64
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: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181017

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-62858-D-13-A MS	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-181017	Lab File ID:	B60647.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	7.27 g
Analysis Date:	09/19/2013 0158			Final Weight/Volume:	10 mL
Prep Date:	09/12/2013 1751				
Leach Date:	N/A				

MSD Lab Sample ID:	460-62858-D-13-A MSD	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-181017	Lab File ID:	B60648.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	7.27 g
Analysis Date:	09/19/2013 0221			Final Weight/Volume:	10 mL
Prep Date:	09/12/2013 1751				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	80	86	52 - 144	8	30		
Bromomethane	82	84	58 - 164	2	30		
Vinyl chloride	91	100	55 - 154	9	30		
Chloroethane	97	107	66 - 144	10	30		
Methylene Chloride	94	98	78 - 118	4	30		
Acetone	77	97	48 - 177	23	30		
Carbon disulfide	70	80	70 - 120	13	30		
Trichlorofluoromethane	74	84	60 - 148	13	30		
1,1-Dichloroethene	83	92	68 - 138	10	30		
1,1-Dichloroethane	94	105	79 - 119	11	30		
trans-1,2-Dichloroethene	98	108	73 - 119	10	30		
cis-1,2-Dichloroethene	95	101	78 - 118	6	30		
Chloroform	97	100	81 - 122	4	30		
2-Butanone	104	101	70 - 139	4	30		
1,2-Dichloroethane	95	98	81 - 121	4	30		
1,1,1-Trichloroethane	89	105	78 - 118	17	30		
Carbon tetrachloride	87	104	64 - 130	17	30		
Benzene	97	101	71 - 118	4	30		
Bromoform	99	103	76 - 133	4	30		
Styrene	99	104	73 - 126	6	30		
Ethylbenzene	98	105	78 - 124	6	30		
Chlorobenzene	96	104	69 - 124	8	30		
Cyclohexane	100	116	69 - 128	13	30		
Isopropylbenzene	102	109	80 - 143	5	30		
2-Hexanone	93	98	62 - 123	5	30		
MTBE	92	109	65 - 143	17	30		
Freon TF	101	115	50 - 128	13	30		
Methyl acetate	96	110	72 - 165	13	30		
1,4-Dioxane	94	114	54 - 147	19	30		
Trichloroethene	89	96	82 - 122	8	30		
Toluene	96	101	79 - 136	5	30		
trans-1,3-Dichloropropene	110	113	73 - 118	3	30		
4-Methyl-2-pentanone	96	100	69 - 124	4	30		

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181017

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-62858-D-13-A MS	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-181017	Lab File ID:	B60647.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	7.27 g
Analysis Date:	09/19/2013 0158			Final Weight/Volume:	10 mL
Prep Date:	09/12/2013 1751				
Leach Date:	N/A				

MSD Lab Sample ID:	460-62858-D-13-A MSD	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-181017	Lab File ID:	B60648.D
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	7.27 g
Analysis Date:	09/19/2013 0221			Final Weight/Volume:	10 mL
Prep Date:	09/12/2013 1751				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	91	98	75 - 120	7	30		
1,2-Dichlorobenzene	100	103	83 - 123	3	30		
1,3-Dichlorobenzene	102	105	83 - 123	3	30		
1,4-Dichlorobenzene	97	99	84 - 124	2	30		
1,2,4-Trichlorobenzene	92	106	62 - 144	14	30		
1,2,3-Trichlorobenzene	115	126	36 - 207	9	30		
1,2-Dichloropropane	92	97	78 - 118	5	30		
Methylcyclohexane	114	121	80 - 134	4	30		
Tetrachloroethene	93	103	78 - 136	10	30		
Xylenes, Total	103	109	78 - 126	4	30		
1,2-Dibromo-3-Chloropropane	116	118	62 - 127	2	30		
1,1,2,2-Tetrachloroethane	125	122	86 - 145	3	30		
1,1,2-Trichloroethane	93	98	77 - 120	5	30		
Dibromochloromethane	84	87	78 - 118	3	30		
1,2-Dibromoethane	92	95	76 - 120	3	30		
Dichlorodifluoromethane	84	88	41 - 149	5	30		
Bromochloromethane	93	96	81 - 121	4	30		
Bromodichloromethane	80	85	78 - 118	6	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83	86	75 - 135
Toluene-d8 (Surr)	74	78	59 - 150
Bromofluorobenzene	80	84	72 - 133

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181017

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-62858-D-13-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-62858-D-13-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	09/19/2013 0158			Analysis Date:	09/19/2013 0221
Prep Date:	09/12/2013 1751			Prep Date:	09/12/2013 1751
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	7.5	U	1550	1550	1240	1340
Bromomethane	14	U	1550	1550	1270	1300
Vinyl chloride	11	U	1550	1550	1410	1540
Chloroethane	13	U	1550	1550	1500	1660
Methylene Chloride	14	U	1550	1550	1460	1520
Acetone	210	U	7730	7730	5970	7490
Carbon disulfide	9.7	U	1550	1550	1080	1230
Trichlorofluoromethane	11	U	1550	1550	1140	1290
1,1-Dichloroethene	6.8	U	1550	1550	1290	1430
1,1-Dichloroethane	10	U	1550	1550	1460	1630
trans-1,2-Dichloroethene	10	U	1550	1550	1510	1670
cis-1,2-Dichloroethene	14	U	1550	1550	1470	1570
Chloroform	6.1	U	1550	1550	1490	1550
2-Butanone	180	U	7730	7730	8070	7780
1,2-Dichloroethane	15	U	1550	1550	1460	1520
1,1,1-Trichloroethane	4.8	U	1550	1550	1370	1630
Carbon tetrachloride	4.4	U	1550	1550	1350	1600
Benzene	22	J	1550	1550	1520	1590
Bromoform	15	U	1550	1550	1540	1600
Styrene	9.2	U	1550	1550	1520	1610
Ethylbenzene	460		1550	1550	1970	2090
Chlorobenzene	8.5	U	1550	1550	1480	1600
Cyclohexane	260		1550	1550	1800	2050
Isopropylbenzene	380		1550	1550	1970	2060
2-Hexanone	39	U	7730	7730	7190	7580
MTBE	11	U	1550	1550	1420	1680
Freon TF	6.3	U	1550	1550	1560	1780
Methyl acetate	26	U	7730	7730	7410	8470
1,4-Dioxane	2800	U	30900	30900	29100	35200
Trichloroethene	7.1	U	1550	1550	1370	1480
Toluene	12	U	1550	1550	1480	1560
trans-1,3-Dichloropropene	19	U	1550	1550	1700	1750
4-Methyl-2-pentanone	76	U	7730	7730	7420	7710
cis-1,3-Dichloropropene	14	U	1550	1550	1410	1510
1,2-Dichlorobenzene	16	U	1550	1550	1550	1590
1,3-Dichlorobenzene	10	U	1550	1550	1580	1620
1,4-Dichlorobenzene	18	U	1550	1550	1500	1530
1,2,4-Trichlorobenzene	26	U	1550	1550	1420	1630
1,2,3-Trichlorobenzene	40	U	1550	1550	1770	1950
1,2-Dichloropropane	6.6	U	1550	1550	1420	1500
Methylcyclohexane	930		1550	1550	2690	2810
Tetrachloroethene	7.5	U	1550	1550	1450	1590
Xylenes, Total	850		3090	3090	4040	4210

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181017

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-62858-D-13-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-62858-D-13-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	100			Dilution:	100
Analysis Date:	09/19/2013 0158			Analysis Date:	09/19/2013 0221
Prep Date:	09/12/2013 1751			Prep Date:	09/12/2013 1751
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	31	U	1550	1550	1800	1830
1,1,2,2-Tetrachloroethane	12	U	1550	1550	1940	1890
1,1,2-Trichloroethane	15	U	1550	1550	1440	1510
Dibromochloromethane	15	U	1550	1550	1290	1340
1,2-Dibromoethane	21	U	1550	1550	1430	1470
Dichlorodifluoromethane	17	U	1550	1550	1290	1360
Bromochloromethane	21	U	1550	1550	1440	1490
Bromodichloromethane	9.7	U	1550	1550	1230	1310

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181329

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-62968-6	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:	460-62968-6	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: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181329

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-62968-6	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:	460-62968-6	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
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: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181329

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-62968-6	Units:	ug/Kg	MSD Lab Sample ID:	460-62968-6
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: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181329

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-62968-6	Units: ug/Kg	MSD Lab Sample ID:	460-62968-6	
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: 460-62968-1

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: 460-62968-1

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: 460-62968-1

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: 460-62968-1

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: 460-62968-1

Method Blank - Batch: 460-181887

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-181887/6	Analysis Batch:	460-181887	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363063.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 0337	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	1.07		0.15	1.0
Acetone	1.7	U	1.7	10
Carbon disulfide	0.15	U	0.15	1.0
Trichlorofluoromethane	0.16	U	0.16	1.0
1,1-Dichloroethene	0.19	U	0.19	1.0
1,1-Dichloroethane	0.11	U	0.11	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.11	U	0.11	1.0
Chloroform	0.24	U	0.24	1.0
2-Butanone	0.63	U	0.63	10
1,2-Dichloroethane	0.18	U	0.18	1.0
1,1,1-Trichloroethane	0.13	U	0.13	1.0
Carbon tetrachloride	0.15	U	0.15	1.0
Benzene	0.15	U	0.15	1.0
Bromoform	0.17	U	0.17	1.0
Styrene	0.28	U	0.28	1.0
Ethylbenzene	0.17	U	0.17	1.0
Chlorobenzene	0.18	U	0.18	1.0
Cyclohexane	0.13	U	0.13	1.0
Isopropylbenzene	0.11	U	0.11	1.0
2-Hexanone	0.13	U	0.13	10
MTBE	0.11	U	0.11	1.0
Freon TF	0.11	U	0.11	1.0
Methyl acetate	0.32	U	0.32	1.0
1,4-Dioxane	13	U	13	50
Trichloroethene	0.12	U	0.12	1.0
Toluene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	0.20	U	0.20	10
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
1,2-Dichlorobenzene	0.10	U	0.10	1.0
1,3-Dichlorobenzene	0.16	U	0.16	1.0
1,4-Dichlorobenzene	0.11	U	0.11	1.0
1,2,4-Trichlorobenzene	0.19	U	0.19	1.0
1,2,3-Trichlorobenzene	0.16	U	0.16	1.0
1,2-Dichloropropane	0.15	U	0.15	1.0
Methylcyclohexane	0.10	U	0.10	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Xylenes, Total	0.67	U	0.67	3.0
1,2-Dibromo-3-Chloropropane	0.44	U	0.44	1.0
1,1,2,2-Tetrachloroethane	0.090	U	0.090	1.0

Client: Antea USA, Inc. Job Number: 460-62968-1

Method Blank - Batch: 460-181887

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-181887/6	Analysis Batch:	460-181887	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363063.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 0337	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121	70 - 130
Toluene-d8 (Surr)	96	70 - 130
Bromofluorobenzene	99	70 - 130
Dibromofluoromethane (Surr)	118	70 - 130

Method Blank TICs- Batch: 460-181887

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-181887

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-181887/3	Analysis Batch:	460-181887	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363060.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 0212	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-181887/4	Analysis Batch:	460-181887	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363061.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 0235	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	110	94	50 - 151	16	30		
Bromomethane	127	112	54 - 142	12	30		
Vinyl chloride	112	104	67 - 133	7	30		
Chloroethane	119	114	56 - 146	4	30		
Methylene Chloride	102	110	74 - 137	8	30		
Acetone	112	112	27 - 164	0	30		
Carbon disulfide	114	114	72 - 128	0	30		
Trichlorofluoromethane	120	111	61 - 139	7	30		
1,1-Dichloroethene	115	114	71 - 126	1	30		
1,1-Dichloroethane	103	109	76 - 125	5	30		
trans-1,2-Dichloroethene	105	101	75 - 122	4	30		
cis-1,2-Dichloroethene	103	107	80 - 120	3	30		
Chloroform	99	105	77 - 120	5	30		
2-Butanone	80	89	77 - 117	10	30		
1,2-Dichloroethane	98	106	76 - 118	8	30		
1,1,1-Trichloroethane	110	106	78 - 117	4	30		
Carbon tetrachloride	112	103	79 - 118	9	30		
Benzene	91	94	77 - 117	4	30		
Bromoform	94	92	59 - 125	2	30		
Styrene	91	94	82 - 122	4	30		
Ethylbenzene	92	96	81 - 121	4	30		
Chlorobenzene	88	94	80 - 120	6	30		
Cyclohexane	102	101	80 - 121	0	30		
Isopropylbenzene	95	101	65 - 129	6	30		
2-Hexanone	82	86	70 - 122	6	30		
MTBE	107	104	78 - 120	3	30		
Freon TF	121	114	73 - 123	6	30		
Methyl acetate	101	112	73 - 137	11	30		
1,4-Dioxane	81	91	69 - 131	13	30		
Trichloroethene	107	108	79 - 119	1	30		
Toluene	85	91	75 - 115	6	30		
trans-1,3-Dichloropropene	92	93	67 - 121	2	30		
4-Methyl-2-pentanone	89	92	68 - 120	3	30		
cis-1,3-Dichloropropene	81	89	80 - 123	9	30		
1,2-Dichlorobenzene	91	87	80 - 120	4	30		
1,3-Dichlorobenzene	87	90	80 - 120	3	30		

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-181887

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-181887/3	Analysis Batch:	460-181887	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363060.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 0212	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-181887/4	Analysis Batch:	460-181887	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363061.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 0235	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	91	91	80 - 120	0	30		
1,2,4-Trichlorobenzene	87	87	80 - 120	0	30		
1,2,3-Trichlorobenzene	94	91	75 - 121	2	30		
1,2-Dichloropropane	97	100	82 - 122	3	30		
Methylcyclohexane	103	100	78 - 118	3	30		
Tetrachloroethene	96	105	80 - 120	8	30		
Xylenes, Total	91	94	82 - 122	3	30		
1,2-Dibromo-3-Chloropropane	94	84	74 - 118	12	30		
1,1,2,2-Tetrachloroethane	82	86	79 - 122	4	30		
1,1,2-Trichloroethane	89	90	73 - 118	1	30		
Dibromochloromethane	87	88	68 - 120	1	30		
1,2-Dibromoethane	82	90	75 - 117	9	30		
Dichlorodifluoromethane	115	93	52 - 144	21	30		
Bromochloromethane	110	113	74 - 125	2	30		
Bromodichloromethane	98	102	79 - 119	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	109	70 - 130
Toluene-d8 (Surr)	95	101	70 - 130
Bromofluorobenzene	97	96	70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-181887

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-181887/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-181887/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/18/2013 0212			Analysis Date:	09/18/2013 0235
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	22.1	18.8
Bromomethane	20.0	20.0	25.4	22.4
Vinyl chloride	20.0	20.0	22.3	20.7
Chloroethane	20.0	20.0	23.8	22.8
Methylene Chloride	20.0	20.0	20.3	21.9
Acetone	100	100	112	112
Carbon disulfide	20.0	20.0	22.7	22.8
Trichlorofluoromethane	20.0	20.0	24.0	22.3
1,1-Dichloroethene	20.0	20.0	23.0	22.7
1,1-Dichloroethane	20.0	20.0	20.6	21.7
trans-1,2-Dichloroethene	20.0	20.0	21.0	20.1
cis-1,2-Dichloroethene	20.0	20.0	20.7	21.4
Chloroform	20.0	20.0	19.9	21.0
2-Butanone	100	100	80.3	88.9
1,2-Dichloroethane	20.0	20.0	19.5	21.1
1,1,1-Trichloroethane	20.0	20.0	22.1	21.2
Carbon tetrachloride	20.0	20.0	22.5	20.5
Benzene	20.0	20.0	18.1	18.8
Bromoform	20.0	20.0	18.7	18.4
Styrene	20.0	20.0	18.1	18.9
Ethylbenzene	20.0	20.0	18.4	19.1
Chlorobenzene	20.0	20.0	17.6	18.7
Cyclohexane	20.0	20.0	20.3	20.3
Isopropylbenzene	20.0	20.0	19.0	20.2
2-Hexanone	100	100	81.5	86.2
MTBE	20.0	20.0	21.4	20.7
Freon TF	20.0	20.0	24.1	22.8
Methyl acetate	100	100	101	112
1,4-Dioxane	400	400	323	366
Trichloroethene	20.0	20.0	21.4	21.6
Toluene	20.0	20.0	17.1	18.2
trans-1,3-Dichloropropene	20.0	20.0	18.4	18.7
4-Methyl-2-pentanone	100	100	89.4	91.9
cis-1,3-Dichloropropene	20.0	20.0	16.3	17.8
1,2-Dichlorobenzene	20.0	20.0	18.2	17.5
1,3-Dichlorobenzene	20.0	20.0	17.4	17.9
1,4-Dichlorobenzene	20.0	20.0	18.3	18.3
1,2,4-Trichlorobenzene	20.0	20.0	17.4	17.4
1,2,3-Trichlorobenzene	20.0	20.0	18.7	18.3

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-181887

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-181887/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-181887/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/18/2013 0212			Analysis Date:	09/18/2013 0235
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	20.0	20.0	19.4	19.9
Methylcyclohexane	20.0	20.0	20.7	20.0
Tetrachloroethene	20.0	20.0	19.3	21.0
Xylenes, Total	40.0	40.0	36.5	37.6
1,2-Dibromo-3-Chloropropane	20.0	20.0	18.9	16.8
1,1,2,2-Tetrachloroethane	20.0	20.0	16.4	17.2
1,1,2-Trichloroethane	20.0	20.0	17.8	17.9
Dibromochloromethane	20.0	20.0	17.3	17.5
1,2-Dibromoethane	20.0	20.0	16.5	18.1
Dichlorodifluoromethane	20.0	20.0	23.0	18.6
Bromochloromethane	20.0	20.0	22.1	22.5
Bromodichloromethane	20.0	20.0	19.6	20.4

Client: Antea USA, Inc. Job Number: 460-62968-1

Method Blank - Batch: 460-182028

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-182028/8	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363093.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 1650	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.15	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	0.11	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: 460-62968-1

Method Blank - Batch: 460-182028

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-182028/8	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363093.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 1650	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125	70 - 130
Toluene-d8 (Surr)	99	70 - 130
Bromofluorobenzene	98	70 - 130
Dibromofluoromethane (Surr)	123	70 - 130

Method Blank TICs- Batch: 460-182028

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-182028

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-182028/5	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363090.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 1453	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-182028/6	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363091.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 1533	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	89	95	50 - 151	7	30		
Bromomethane	101	121	54 - 142	19	30		
Vinyl chloride	89	105	67 - 133	17	30		
Chloroethane	102	112	56 - 146	9	30		
Methylene Chloride	103	98	74 - 137	5	30		
Acetone	117	84	27 - 164	33	30		*
Carbon disulfide	121	116	72 - 128	4	30		
Trichlorofluoromethane	98	110	61 - 139	12	30		
1,1-Dichloroethene	120	118	71 - 126	1	30		
1,1-Dichloroethane	107	103	76 - 125	5	30		
trans-1,2-Dichloroethene	103	99	75 - 122	4	30		
cis-1,2-Dichloroethene	107	98	80 - 120	8	30		
Chloroform	107	101	77 - 120	6	30		
2-Butanone	147	89	77 - 117	50	30	*	*
1,2-Dichloroethane	106	101	76 - 118	5	30		
1,1,1-Trichloroethane	107	104	78 - 117	4	30		
Carbon tetrachloride	109	110	79 - 118	1	30		
Benzene	92	91	77 - 117	2	30		
Bromoform	99	94	59 - 125	5	30		
Styrene	94	92	82 - 122	3	30		
Ethylbenzene	102	93	81 - 121	9	30		
Chlorobenzene	95	92	80 - 120	4	30		
Cyclohexane	98	98	80 - 121	0	30		
Isopropylbenzene	102	98	65 - 129	4	30		
2-Hexanone	85	81	70 - 122	5	30		
MTBE	105	104	78 - 120	1	30		
Freon TF	122	118	73 - 123	3	30		
Methyl acetate	108	109	73 - 137	0	30		
1,4-Dioxane	111	92	69 - 131	19	30		
Trichloroethene	112	101	79 - 119	11	30		
Toluene	89	90	75 - 115	1	30		
trans-1,3-Dichloropropene	94	90	67 - 121	4	30		
4-Methyl-2-pentanone	86	88	68 - 120	2	30		
cis-1,3-Dichloropropene	82	82	80 - 123	1	30		
1,2-Dichlorobenzene	95	89	80 - 120	6	30		
1,3-Dichlorobenzene	95	84	80 - 120	13	30		

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-182028

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-182028/5	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363090.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 1453	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-182028/6	Analysis Batch:	460-182028	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363091.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 1533	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	91	85	80 - 120	6	30		
1,2,4-Trichlorobenzene	88	86	80 - 120	3	30		
1,2,3-Trichlorobenzene	90	90	75 - 121	0	30		
1,2-Dichloropropane	101	104	82 - 122	2	30		
Methylcyclohexane	103	100	78 - 118	3	30		
Tetrachloroethene	102	99	80 - 120	3	30		
Xylenes, Total	96	91	82 - 122	5	30		
1,2-Dibromo-3-Chloropropane	89	79	74 - 118	11	30		
1,1,2,2-Tetrachloroethane	90	79	79 - 122	13	30		
1,1,2-Trichloroethane	94	93	73 - 118	1	30		
Dibromochloromethane	86	89	68 - 120	4	30		
1,2-Dibromoethane	86	84	75 - 117	2	30		
Dichlorodifluoromethane	83	97	52 - 144	15	30		
Bromochloromethane	102	102	74 - 125	0	30		
Bromodichloromethane	108	99	79 - 119	9	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	110	70 - 130
Toluene-d8 (Surr)	105	105	70 - 130
Bromofluorobenzene	106	103	70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-182028

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-182028/5	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-182028/6
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/18/2013 1453			Analysis Date:	09/18/2013 1533
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual	
Chloromethane	20.0	20.0	17.8		19.0	
Bromomethane	20.0	20.0	20.1		24.2	
Vinyl chloride	20.0	20.0	17.8		21.0	
Chloroethane	20.0	20.0	20.3		22.3	
Methylene Chloride	20.0	20.0	20.7		19.7	
Acetone	100	100	117		84.3	*
Carbon disulfide	20.0	20.0	24.2		23.2	
Trichlorofluoromethane	20.0	20.0	19.5		22.1	
1,1-Dichloroethene	20.0	20.0	24.0		23.6	
1,1-Dichloroethane	20.0	20.0	21.5		20.5	
trans-1,2-Dichloroethene	20.0	20.0	20.6		19.8	
cis-1,2-Dichloroethene	20.0	20.0	21.4		19.7	
Chloroform	20.0	20.0	21.4		20.2	
2-Butanone	100	100	147	*	88.6	*
1,2-Dichloroethane	20.0	20.0	21.2		20.2	
1,1,1-Trichloroethane	20.0	20.0	21.5		20.7	
Carbon tetrachloride	20.0	20.0	21.8		21.9	
Benzene	20.0	20.0	18.5		18.1	
Bromoform	20.0	20.0	19.7		18.8	
Styrene	20.0	20.0	18.8		18.3	
Ethylbenzene	20.0	20.0	20.4		18.6	
Chlorobenzene	20.0	20.0	19.1		18.3	
Cyclohexane	20.0	20.0	19.6		19.6	
Isopropylbenzene	20.0	20.0	20.4		19.5	
2-Hexanone	100	100	84.9		80.9	
MTBE	20.0	20.0	21.1		20.8	
Freon TF	20.0	20.0	24.5		23.7	
Methyl acetate	100	100	108		109	
1,4-Dioxane	400	400	443		368	
Trichloroethene	20.0	20.0	22.5		20.1	
Toluene	20.0	20.0	17.8		18.0	
trans-1,3-Dichloropropene	20.0	20.0	18.7		18.0	
4-Methyl-2-pentanone	100	100	86.0		87.7	
cis-1,3-Dichloropropene	20.0	20.0	16.5		16.3	
1,2-Dichlorobenzene	20.0	20.0	18.9		17.9	
1,3-Dichlorobenzene	20.0	20.0	19.1		16.8	
1,4-Dichlorobenzene	20.0	20.0	18.1		17.0	
1,2,4-Trichlorobenzene	20.0	20.0	17.6		17.1	
1,2,3-Trichlorobenzene	20.0	20.0	17.9		18.0	

Client: Antea USA, Inc.

Job Number: 460-62968-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-182028

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-182028/5	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-182028/6
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/18/2013 1453			Analysis Date:	09/18/2013 1533
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	20.0	20.0	20.3	20.8
Methylcyclohexane	20.0	20.0	20.6	20.0
Tetrachloroethene	20.0	20.0	20.4	19.8
Xylenes, Total	40.0	40.0	38.3	36.6
1,2-Dibromo-3-Chloropropane	20.0	20.0	17.8	15.9
1,1,2,2-Tetrachloroethane	20.0	20.0	18.0	15.8
1,1,2-Trichloroethane	20.0	20.0	18.7	18.5
Dibromochloromethane	20.0	20.0	17.1	17.8
1,2-Dibromoethane	20.0	20.0	17.2	16.8
Dichlorodifluoromethane	20.0	20.0	16.6	19.3
Bromochloromethane	20.0	20.0	20.5	20.5
Bromodichloromethane	20.0	20.0	21.7	19.9

Client: Antea USA, Inc. Job Number: 460-62968-1

Method Blank - Batch: 460-182051

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-182051/6	Analysis Batch:	460-182051	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P75170.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 2015	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/18/2013 2015				
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	5.0
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: 460-62968-1

Method Blank - Batch: 460-182051

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-182051/6	Analysis Batch:	460-182051	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P75170.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 2015	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/18/2013 2015				
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)	112	70 - 130
Toluene-d8 (Surr)	101	70 - 130
Bromofluorobenzene	93	70 - 130
Dibromofluoromethane (Surr)	104	70 - 130

Method Blank TICs- Batch: 460-182051

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample - Batch: 460-182051

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-182051/4	Analysis Batch:	460-182051	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P75168.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 1918	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/18/2013 1918				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	29.1	145	58 - 146	
Bromomethane	20.0	14.6	73	55 - 153	
Vinyl chloride	20.0	21.3	106	61 - 144	
Chloroethane	20.0	22.6	113	69 - 145	
Methylene Chloride	20.0	22.0	110	79 - 119	
Acetone	100	97.0	97	45 - 156	
Carbon disulfide	20.0	23.7	118	58 - 139	
Trichlorofluoromethane	20.0	22.8	114	69 - 147	
1,1-Dichloroethene	20.0	22.1	111	56 - 139	
1,1-Dichloroethane	20.0	23.4	117	78 - 122	
trans-1,2-Dichloroethene	20.0	23.0	115	75 - 122	
cis-1,2-Dichloroethene	20.0	21.4	107	80 - 120	
Chloroform	20.0	22.0	110	82 - 123	
2-Butanone	100	91.6	92	65 - 114	
1,2-Dichloroethane	20.0	22.5	113	74 - 118	
1,1,1-Trichloroethane	20.0	22.9	114	74 - 128	
Carbon tetrachloride	20.0	24.5	123	73 - 120	*
Benzene	20.0	21.3	107	83 - 124	
Bromoform	20.0	17.7	89	73 - 123	
Styrene	20.0	20.7	103	69 - 112	
Ethylbenzene	20.0	21.0	105	79 - 126	
Chlorobenzene	20.0	20.7	104	81 - 121	
Cyclohexane	20.0	24.1	120	58 - 133	
Isopropylbenzene	20.0	22.3	111	80 - 125	
2-Hexanone	100	79.8	80	53 - 121	
MTBE	20.0	20.6	103	71 - 115	
Freon TF	20.0	23.1	115	47 - 139	
Methyl acetate	100	99.8	100	50 - 151	
1,4-Dioxane	400	396	99	52 - 126	
Trichloroethene	20.0	21.4	107	78 - 119	
Toluene	20.0	21.1	106	80 - 120	
trans-1,3-Dichloropropene	20.0	21.6	108	78 - 118	
4-Methyl-2-pentanone	100	82.1	82	53 - 120	
cis-1,3-Dichloropropene	20.0	22.0	110	80 - 120	
1,2-Dichlorobenzene	20.0	19.2	96	82 - 122	
1,3-Dichlorobenzene	20.0	19.7	99	81 - 126	
1,4-Dichlorobenzene	20.0	19.7	99	83 - 123	
1,2,4-Trichlorobenzene	20.0	16.5	82	66 - 120	
1,2,3-Trichlorobenzene	20.0	17.2	86	76 - 123	
1,2-Dichloropropane	20.0	21.1	105	80 - 120	
Methylcyclohexane	20.0	23.2	116	61 - 129	
Tetrachloroethene	20.0	20.4	102	68 - 139	
Xylenes, Total	40.0	42.1	105	76 - 121	
1,2-Dibromo-3-Chloropropane	20.0	18.9	95	70 - 116	
1,1,2,2-Tetrachloroethane	20.0	17.7	89	74 - 126	
1,1,2-Trichloroethane	20.0	18.7	94	79 - 119	

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample - Batch: 460-182051

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-182051/4	Analysis Batch:	460-182051	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P75168.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 1918	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/18/2013 1918				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	20.0	19.0	95	80 - 120	
1,2-Dibromoethane	20.0	18.7	93	78 - 118	
Dichlorodifluoromethane	20.0	21.0	105	46 - 145	
Bromochloromethane	20.0	20.0	100	80 - 121	
Bromodichloromethane	20.0	21.3	107	79 - 119	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 130
Toluene-d8 (Surr)	101	70 - 130
Bromofluorobenzene	99	70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182051

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-62990-A-6 MS	Analysis Batch:	460-182051	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P75179.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 0001			Final Weight/Volume:	5 mL
Prep Date:	09/19/2013 0001				
Leach Date:	N/A				

MSD Lab Sample ID:	460-62990-A-6 MSD	Analysis Batch:	460-182051	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P75180.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 0024			Final Weight/Volume:	5 mL
Prep Date:	09/19/2013 0024				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	115	117	58 - 146	2	30		
Bromomethane	64	64	55 - 153	0	30		
Vinyl chloride	111	99	61 - 144	11	30		
Chloroethane	112	106	69 - 145	6	30		
Methylene Chloride	114	107	79 - 119	6	30		
Acetone	116	109	45 - 156	7	30		
Carbon disulfide	123	114	58 - 139	8	30		
Trichlorofluoromethane	120	113	69 - 147	7	30		
1,1-Dichloroethene	116	102	56 - 139	12	30		
1,1-Dichloroethane	121	115	78 - 122	5	30		
trans-1,2-Dichloroethene	117	105	75 - 122	11	30		
cis-1,2-Dichloroethene	111	103	80 - 120	8	30		
Chloroform	118	107	82 - 123	9	30		
2-Butanone	83	84	65 - 114	1	30		
1,2-Dichloroethane	122	113	74 - 118	8	30	F	
1,1,1-Trichloroethane	120	113	74 - 128	6	30		
Carbon tetrachloride	128	117	73 - 120	9	30	F	
Benzene	108	101	83 - 124	7	30		
Bromoform	96	91	73 - 123	5	30		
Styrene	105	97	69 - 112	8	30		
Ethylbenzene	106	101	79 - 126	5	30		
Chlorobenzene	105	100	81 - 121	5	30		
Cyclohexane	120	112	58 - 133	7	30		
Isopropylbenzene	114	105	80 - 125	9	30		
2-Hexanone	101	95	53 - 121	6	30		
MTBE	117	109	71 - 115	7	30	F	
Freon TF	123	108	47 - 139	13	30		
Methyl acetate	115	108	50 - 151	7	30		
1,4-Dioxane	88	108	52 - 126	21	30		
Trichloroethene	112	103	78 - 119	8	30		
Toluene	110	100	80 - 120	9	30		
trans-1,3-Dichloropropene	111	101	78 - 118	9	30		
4-Methyl-2-pentanone	103	97	53 - 120	5	30		

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182051

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-62990-A-6 MS	Analysis Batch:	460-182051	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P75179.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 0001			Final Weight/Volume:	5 mL
Prep Date:	09/19/2013 0001				
Leach Date:	N/A				

MSD Lab Sample ID:	460-62990-A-6 MSD	Analysis Batch:	460-182051	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P75180.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 0024			Final Weight/Volume:	5 mL
Prep Date:	09/19/2013 0024				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	106	98	80 - 120	7	30		
1,2-Dichlorobenzene	106	95	82 - 122	11	30		
1,3-Dichlorobenzene	102	94	81 - 126	8	30		
1,4-Dichlorobenzene	102	95	83 - 123	7	30		
1,2,4-Trichlorobenzene	88	82	66 - 120	7	30		
1,2,3-Trichlorobenzene	96	89	76 - 123	7	30		
1,2-Dichloropropane	111	102	80 - 120	9	30		
Methylcyclohexane	116	106	61 - 129	9	30		
Tetrachloroethene	104	95	68 - 139	9	30		
Xylenes, Total	105	99	76 - 121	5	30		
1,2-Dibromo-3-Chloropropane	120	110	70 - 116	9	30	F	
1,1,2,2-Tetrachloroethane	103	93	74 - 126	10	30		
1,1,2-Trichloroethane	104	93	79 - 119	11	30		
Dibromochloromethane	107	98	80 - 120	10	30		
1,2-Dibromoethane	99	94	78 - 118	5	30		
Dichlorodifluoromethane	114	102	46 - 145	11	30		
Bromochloromethane	101	93	80 - 121	8	30		
Bromodichloromethane	113	104	79 - 119	8	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120	110	70 - 130
Toluene-d8 (Surr)	110	100	70 - 130
Bromofluorobenzene	111	103	70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182051

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-62990-A-6 MS	Units:	ug/L	MSD Lab Sample ID:	460-62990-A-6 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	5.0			Dilution:	5.0
Analysis Date:	09/19/2013 0001			Analysis Date:	09/19/2013 0024
Prep Date:	09/19/2013 0001			Prep Date:	09/19/2013 0024
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	0.10	U	100	100	115		117
Bromomethane	0.18	U	100	100	64.1		64.3
Vinyl chloride	0.14	U	100	100	111		99.1
Chloroethane	0.17	U	100	100	112		106
Methylene Chloride	0.18	U	100	100	114		107
Acetone	2.7	U	500	500	580		543
Carbon disulfide	0.13	U	100	100	123		114
Trichlorofluoromethane	0.15	U	100	100	120		113
1,1-Dichloroethene	0.090	U	100	100	116		102
1,1-Dichloroethane	0.13	U	100	100	121		115
trans-1,2-Dichloroethene	0.13	U	100	100	117		105
cis-1,2-Dichloroethene	0.18	U	100	100	111		103
Chloroform	0.26	J	100	100	118		107
2-Butanone	2.3	U	500	500	413		418
1,2-Dichloroethane	0.19	U	100	100	122	F	113
1,1,1-Trichloroethane	0.060	U	100	100	120		113
Carbon tetrachloride	0.060	U	100	100	128	F	117
Benzene	0.080	U	100	100	108		101
Bromoform	0.19	U	100	100	96.0		91.2
Styrene	0.12	U	100	100	105		97.3
Ethylbenzene	0.10	U	100	100	106		101
Chlorobenzene	0.11	U	100	100	105		99.8
Cyclohexane	0.16	U	100	100	120		112
Isopropylbenzene	0.080	U	100	100	114		105
2-Hexanone	0.50	U	500	500	504		474
MTBE	0.14	U	100	100	117	F	109
Freon TF	0.080	U	100	100	123		108
Methyl acetate	0.34	U	500	500	576		538
1,4-Dioxane	36	U	2000	2000	1760		2160
Trichloroethene	0.090	U	100	100	112		103
Toluene	1.3		100	100	111		101
trans-1,3-Dichloropropene	0.24	U	100	100	111		101
4-Methyl-2-pentanone	0.99	U	500	500	513		487
cis-1,3-Dichloropropene	0.18	U	100	100	106		98.2
1,2-Dichlorobenzene	0.21	U	100	100	106		94.6
1,3-Dichlorobenzene	0.14	U	100	100	102		94.4
1,4-Dichlorobenzene	0.23	U	100	100	102		94.7
1,2,4-Trichlorobenzene	0.34	U	100	100	88.3		82.1
1,2,3-Trichlorobenzene	0.51	U	100	100	95.7		89.4
1,2-Dichloropropane	0.090	U	100	100	111		102
Methylcyclohexane	0.14	U	100	100	116		106
Tetrachloroethene	0.10	U	100	100	104		95.3
Xylenes, Total	0.13	U	200	200	209		198

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182051

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-62990-A-6 MS	Units:	ug/L	MSD Lab Sample ID:	460-62990-A-6 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	5.0			Dilution:	5.0
Analysis Date:	09/19/2013 0001			Analysis Date:	09/19/2013 0024
Prep Date:	09/19/2013 0001			Prep Date:	09/19/2013 0024
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	0.40	U	100	100	120	F	110
1,1,2,2-Tetrachloroethane	0.16	U	100	100	103		92.7
1,1,2-Trichloroethane	0.19	U	100	100	104		92.6
Dibromochloromethane	0.20	U	100	100	107		97.7
1,2-Dibromoethane	0.28	U	100	100	98.8		94.1
Dichlorodifluoromethane	0.22	U	100	100	114		102
Bromochloromethane	0.27	U	100	100	101		93.4
Bromodichloromethane	0.12	U	100	100	113		104

Client: Antea USA, Inc. Job Number: 460-62968-1

Method Blank - Batch: 460-182063

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-182063/5	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B60641.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 2340	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: 460-62968-1

Method Blank - Batch: 460-182063

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-182063/5	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B60641.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 2340	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)	99	75 - 135
Toluene-d8 (Surr)	97	59 - 150
Bromofluorobenzene	93	72 - 133
Dibromofluoromethane (Surr)	96	70 - 130

Method Blank TICs- Batch: 460-182063

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample - Batch: 460-182063

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-182063/3	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B60639.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 2254	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	821	82	52 - 144	
Bromomethane	1000	927	93	58 - 154	
Vinyl chloride	1000	964	96	55 - 154	
Chloroethane	1000	1020	102	66 - 144	
Methylene Chloride	1000	994	99	78 - 118	
Acetone	5000	4410	88	48 - 177	
Carbon disulfide	1000	852	85	70 - 120	
Trichlorofluoromethane	1000	1050	105	60 - 148	
1,1-Dichloroethene	1000	893	89	68 - 138	
1,1-Dichloroethane	1000	995	99	79 - 119	
trans-1,2-Dichloroethene	1000	951	95	73 - 119	
cis-1,2-Dichloroethene	1000	988	99	78 - 118	
Chloroform	1000	1020	102	81 - 122	
2-Butanone	5000	4750	95	70 - 139	
1,2-Dichloroethane	1000	954	95	81 - 121	
1,1,1-Trichloroethane	1000	1010	101	78 - 118	
Carbon tetrachloride	1000	1020	102	64 - 130	
Benzene	1000	986	99	71 - 118	
Bromoform	1000	945	94	76 - 133	
Styrene	1000	1020	102	73 - 126	
Ethylbenzene	1000	1010	101	78 - 124	
Chlorobenzene	1000	975	98	69 - 124	
Cyclohexane	1000	1070	107	69 - 128	
Isopropylbenzene	1000	1050	105	80 - 143	
2-Hexanone	5000	4510	90	62 - 123	
MTBE	1000	1010	101	65 - 143	
Freon TF	1000	802	80	50 - 128	
Methyl acetate	5000	4730	95	72 - 165	
1,4-Dioxane	20000	20500	103	54 - 147	
Trichloroethene	1000	944	94	82 - 122	
Toluene	1000	970	97	79 - 136	
trans-1,3-Dichloropropene	1000	947	95	73 - 118	
4-Methyl-2-pentanone	5000	4780	96	69 - 124	
cis-1,3-Dichloropropene	1000	979	98	75 - 120	
1,2-Dichlorobenzene	1000	993	99	83 - 123	
1,3-Dichlorobenzene	1000	1030	103	83 - 123	
1,4-Dichlorobenzene	1000	988	99	84 - 124	
1,2,4-Trichlorobenzene	1000	1050	105	62 - 144	
1,2,3-Trichlorobenzene	1000	1160	116	36 - 207	
1,2-Dichloropropane	1000	952	95	78 - 118	
Methylcyclohexane	1000	1130	113	80 - 134	
Tetrachloroethene	1000	985	98	78 - 136	
Xylenes, Total	2000	2040	102	78 - 126	
1,2-Dibromo-3-Chloropropane	1000	929	93	62 - 127	
1,1,2,2-Tetrachloroethane	1000	987	99	86 - 145	
1,1,2-Trichloroethane	1000	985	99	77 - 120	

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample - Batch: 460-182063

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-182063/3	Analysis Batch:	460-182063	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B60639.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2013 2254	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	945	94	78 - 118	
1,2-Dibromoethane	1000	946	95	76 - 120	
Dichlorodifluoromethane	1000	986	99	41 - 149	
Bromochloromethane	1000	956	96	81 - 121	
Bromodichloromethane	1000	931	93	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	75 - 135
Toluene-d8 (Surr)	96	59 - 150
Bromofluorobenzene	92	72 - 133

Client: Antea USA, Inc. Job Number: 460-62968-1

Method Blank - Batch: 460-182082

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-182082/7	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363119.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 0625	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.15	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	0.11	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: 460-62968-1

Method Blank - Batch: 460-182082

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-182082/7	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363119.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 0625	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	70 - 130
Toluene-d8 (Surr)	105	70 - 130
Bromofluorobenzene	104	70 - 130
Dibromofluoromethane (Surr)	91	70 - 130

Method Blank TICs- Batch: 460-182082

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-182082

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-182082/4	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363116.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 0503	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-182082/5	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363117.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 0527	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	77	98	50 - 151	23	30		
Bromomethane	89	107	54 - 142	18	30		
Vinyl chloride	84	96	67 - 133	13	30		
Chloroethane	94	109	56 - 146	14	30		
Methylene Chloride	83	86	74 - 137	4	30		
Acetone	101	97	27 - 164	4	30		
Carbon disulfide	101	106	72 - 128	5	30		
Trichlorofluoromethane	82	86	61 - 139	5	30		
1,1-Dichloroethene	97	103	71 - 126	6	30		
1,1-Dichloroethane	84	93	76 - 125	10	30		
trans-1,2-Dichloroethene	78	82	75 - 122	5	30		
cis-1,2-Dichloroethene	82	85	80 - 120	3	30		
Chloroform	78	83	77 - 120	6	30		
2-Butanone	91	83	77 - 117	8	30		
1,2-Dichloroethane	78	80	76 - 118	3	30		
1,1,1-Trichloroethane	79	83	78 - 117	5	30		
Carbon tetrachloride	80	83	79 - 118	3	30		
Benzene	90	91	77 - 117	1	30		
Bromoform	89	93	59 - 125	5	30		
Styrene	87	96	82 - 122	10	30		
Ethylbenzene	94	96	81 - 121	3	30		
Chlorobenzene	91	94	80 - 120	3	30		
Cyclohexane	84	91	80 - 121	9	30		
Isopropylbenzene	93	101	65 - 129	8	30		
2-Hexanone	105	100	70 - 122	5	30		
MTBE	83	89	78 - 120	7	30		
Freon TF	94	98	73 - 123	4	30		
Methyl acetate	101	104	73 - 137	3	30		
1,4-Dioxane	96	73	69 - 131	27	30		
Trichloroethene	87	90	79 - 119	3	30		
Toluene	89	94	75 - 115	5	30		
trans-1,3-Dichloropropene	88	94	67 - 121	7	30		
4-Methyl-2-pentanone	105	109	68 - 120	3	30		
cis-1,3-Dichloropropene	89	92	80 - 123	4	30		
1,2-Dichlorobenzene	92	92	80 - 120	0	30		
1,3-Dichlorobenzene	92	95	80 - 120	3	30		

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-182082

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-182082/4	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363116.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 0503	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-182082/5	Analysis Batch:	460-182082	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363117.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 0527	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	93	94	80 - 120	1	30		
1,2,4-Trichlorobenzene	90	95	80 - 120	5	30		
1,2,3-Trichlorobenzene	94	99	75 - 121	5	30		
1,2-Dichloropropane	92	96	82 - 122	4	30		
Methylcyclohexane	87	91	78 - 118	5	30		
Tetrachloroethene	90	97	80 - 120	8	30		
Xylenes, Total	90	97	82 - 122	8	30		
1,2-Dibromo-3-Chloropropane	95	94	74 - 118	1	30		
1,1,2,2-Tetrachloroethane	103	99	79 - 122	4	30		
1,1,2-Trichloroethane	100	99	73 - 118	1	30		
Dibromochloromethane	88	88	68 - 120	0	30		
1,2-Dibromoethane	86	93	75 - 117	8	30		
Dichlorodifluoromethane	61	80	52 - 144	27	30		
Bromochloromethane	78	76	74 - 125	3	30		
Bromodichloromethane	84	88	79 - 119	5	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	92	70 - 130
Toluene-d8 (Surr)	105	107	70 - 130
Bromofluorobenzene	105	107	70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-182082

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-182082/4	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-182082/5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/19/2013 0503			Analysis Date:	09/19/2013 0527
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	19.6
Bromomethane	20.0	20.0	17.7	21.3
Vinyl chloride	20.0	20.0	16.8	19.2
Chloroethane	20.0	20.0	18.8	21.7
Methylene Chloride	20.0	20.0	16.6	17.2
Acetone	100	100	101	97.1
Carbon disulfide	20.0	20.0	20.2	21.2
Trichlorofluoromethane	20.0	20.0	16.4	17.3
1,1-Dichloroethene	20.0	20.0	19.3	20.6
1,1-Dichloroethane	20.0	20.0	16.9	18.7
trans-1,2-Dichloroethene	20.0	20.0	15.6	16.4
cis-1,2-Dichloroethene	20.0	20.0	16.4	16.9
Chloroform	20.0	20.0	15.7	16.6
2-Butanone	100	100	90.6	83.2
1,2-Dichloroethane	20.0	20.0	15.6	16.1
1,1,1-Trichloroethane	20.0	20.0	15.8	16.6
Carbon tetrachloride	20.0	20.0	16.0	16.6
Benzene	20.0	20.0	18.0	18.2
Bromoform	20.0	20.0	17.8	18.7
Styrene	20.0	20.0	17.5	19.2
Ethylbenzene	20.0	20.0	18.7	19.2
Chlorobenzene	20.0	20.0	18.2	18.8
Cyclohexane	20.0	20.0	16.7	18.3
Isopropylbenzene	20.0	20.0	18.6	20.2
2-Hexanone	100	100	105	99.8
MTBE	20.0	20.0	16.5	17.8
Freon TF	20.0	20.0	18.7	19.5
Methyl acetate	100	100	101	104
1,4-Dioxane	400	400	382	292
Trichloroethene	20.0	20.0	17.4	17.9
Toluene	20.0	20.0	17.7	18.7
trans-1,3-Dichloropropene	20.0	20.0	17.6	18.9
4-Methyl-2-pentanone	100	100	105	109
cis-1,3-Dichloropropene	20.0	20.0	17.8	18.4
1,2-Dichlorobenzene	20.0	20.0	18.4	18.5
1,3-Dichlorobenzene	20.0	20.0	18.4	18.9
1,4-Dichlorobenzene	20.0	20.0	18.6	18.9
1,2,4-Trichlorobenzene	20.0	20.0	18.0	18.9
1,2,3-Trichlorobenzene	20.0	20.0	18.9	19.9

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-182082

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-182082/4	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-182082/5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/19/2013 0503			Analysis Date:	09/19/2013 0527
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	18.4	19.2
Methylcyclohexane	20.0	20.0	17.3	18.2
Tetrachloroethene	20.0	20.0	18.0	19.4
Xylenes, Total	40.0	40.0	35.9	38.8
1,2-Dibromo-3-Chloropropane	20.0	20.0	19.1	18.9
1,1,2,2-Tetrachloroethane	20.0	20.0	20.7	19.9
1,1,2-Trichloroethane	20.0	20.0	19.9	19.8
Dibromochloromethane	20.0	20.0	17.5	17.5
1,2-Dibromoethane	20.0	20.0	17.2	18.6
Dichlorodifluoromethane	20.0	20.0	12.2	16.1
Bromochloromethane	20.0	20.0	15.7	15.2
Bromodichloromethane	20.0	20.0	16.8	17.7

Client: Antea USA, Inc. Job Number: 460-62968-1

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	100
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: 460-62968-1

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: 460-62968-1

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: 460-62968-1

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: 460-62968-1

Method Blank - Batch: 460-182221

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-182221/5	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363140.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 1446	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.15	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	0.11	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: 460-62968-1

Method Blank - Batch: 460-182221

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-182221/5	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363140.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 1446	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	70 - 130
Toluene-d8 (Surr)	103	70 - 130
Bromofluorobenzene	107	70 - 130
Dibromofluoromethane (Surr)	95	70 - 130

Method Blank TICs- Batch: 460-182221

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-182221

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-182221/3	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363138.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 1345	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-182221/4	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363139.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 1409	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	98	102	50 - 151	4	30		
Bromomethane	104	111	54 - 142	7	30		
Vinyl chloride	105	107	67 - 133	2	30		
Chloroethane	103	105	56 - 146	2	30		
Methylene Chloride	90	84	74 - 137	7	30		
Acetone	99	90	27 - 164	9	30		
Carbon disulfide	103	96	72 - 128	7	30		
Trichlorofluoromethane	87	88	61 - 139	1	30		
1,1-Dichloroethene	101	95	71 - 126	6	30		
1,1-Dichloroethane	95	89	76 - 125	7	30		
trans-1,2-Dichloroethene	85	80	75 - 122	6	30		
cis-1,2-Dichloroethene	90	85	80 - 120	7	30		
Chloroform	91	84	77 - 120	9	30		
2-Butanone	109	122	77 - 117	11	30		*
1,2-Dichloroethane	82	78	76 - 118	4	30		
1,1,1-Trichloroethane	86	79	78 - 117	8	30		
Carbon tetrachloride	85	82	79 - 118	4	30		
Benzene	100	92	77 - 117	8	30		
Bromoform	94	87	59 - 125	7	30		
Styrene	99	91	82 - 122	8	30		
Ethylbenzene	102	91	81 - 121	11	30		
Chlorobenzene	96	91	80 - 120	5	30		
Cyclohexane	96	87	80 - 121	9	30		
Isopropylbenzene	103	100	65 - 129	3	30		
2-Hexanone	91	91	70 - 122	0	30		
MTBE	92	87	78 - 120	5	30		
Freon TF	103	96	73 - 123	7	30		
Methyl acetate	103	99	73 - 137	4	30		
1,4-Dioxane	87	95	69 - 131	9	30		
Trichloroethene	92	84	79 - 119	9	30		
Toluene	97	89	75 - 115	8	30		
trans-1,3-Dichloropropene	97	91	67 - 121	6	30		
4-Methyl-2-pentanone	102	99	68 - 120	3	30		
cis-1,3-Dichloropropene	94	88	80 - 123	6	30		
1,2-Dichlorobenzene	96	91	80 - 120	5	30		
1,3-Dichlorobenzene	94	90	80 - 120	4	30		

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-182221

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-182221/3	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363138.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 1345	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-182221/4	Analysis Batch:	460-182221	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363139.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2013 1409	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	97	87	80 - 120	11	30		
1,2,4-Trichlorobenzene	93	86	80 - 120	8	30		
1,2,3-Trichlorobenzene	97	97	75 - 121	0	30		
1,2-Dichloropropane	96	85	82 - 122	12	30		
Methylcyclohexane	91	85	78 - 118	7	30		
Tetrachloroethene	103	94	80 - 120	9	30		
Xylenes, Total	98	93	82 - 122	6	30		
1,2-Dibromo-3-Chloropropane	86	89	74 - 118	3	30		
1,1,2,2-Tetrachloroethane	96	88	79 - 122	9	30		
1,1,2-Trichloroethane	99	96	73 - 118	4	30		
Dibromochloromethane	90	82	68 - 120	9	30		
1,2-Dibromoethane	92	82	75 - 117	12	30		
Dichlorodifluoromethane	87	84	52 - 144	3	30		
Bromochloromethane	85	76	74 - 125	11	30		
Bromodichloromethane	88	79	79 - 119	10	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87	84	70 - 130
Toluene-d8 (Surr)	103	107	70 - 130
Bromofluorobenzene	100	105	70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-182221

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-182221/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-182221/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/19/2013 1345			Analysis Date:	09/19/2013 1409
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	20.5	
Bromomethane	20.0	20.0	20.7	22.2	
Vinyl chloride	20.0	20.0	20.9	21.3	
Chloroethane	20.0	20.0	20.6	21.1	
Methylene Chloride	20.0	20.0	18.1	16.8	
Acetone	100	100	98.9	90.2	
Carbon disulfide	20.0	20.0	20.5	19.2	
Trichlorofluoromethane	20.0	20.0	17.4	17.6	
1,1-Dichloroethene	20.0	20.0	20.2	19.0	
1,1-Dichloroethane	20.0	20.0	19.1	17.8	
trans-1,2-Dichloroethene	20.0	20.0	17.0	16.0	
cis-1,2-Dichloroethene	20.0	20.0	18.1	16.9	
Chloroform	20.0	20.0	18.2	16.7	
2-Butanone	100	100	109	122	*
1,2-Dichloroethane	20.0	20.0	16.3	15.7	
1,1,1-Trichloroethane	20.0	20.0	17.2	15.9	
Carbon tetrachloride	20.0	20.0	17.1	16.4	
Benzene	20.0	20.0	20.1	18.5	
Bromoform	20.0	20.0	18.8	17.5	
Styrene	20.0	20.0	19.8	18.2	
Ethylbenzene	20.0	20.0	20.4	18.3	
Chlorobenzene	20.0	20.0	19.2	18.3	
Cyclohexane	20.0	20.0	19.1	17.4	
Isopropylbenzene	20.0	20.0	20.6	19.9	
2-Hexanone	100	100	91.0	90.7	
MTBE	20.0	20.0	18.4	17.5	
Freon TF	20.0	20.0	20.6	19.2	
Methyl acetate	100	100	103	99.2	
1,4-Dioxane	400	400	347	381	
Trichloroethene	20.0	20.0	18.3	16.7	
Toluene	20.0	20.0	19.4	17.8	
trans-1,3-Dichloropropene	20.0	20.0	19.4	18.2	
4-Methyl-2-pentanone	100	100	102	98.7	
cis-1,3-Dichloropropene	20.0	20.0	18.8	17.6	
1,2-Dichlorobenzene	20.0	20.0	19.1	18.2	
1,3-Dichlorobenzene	20.0	20.0	18.7	18.1	
1,4-Dichlorobenzene	20.0	20.0	19.3	17.3	
1,2,4-Trichlorobenzene	20.0	20.0	18.6	17.2	
1,2,3-Trichlorobenzene	20.0	20.0	19.3	19.3	

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-182221

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-182221/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-182221/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/19/2013 1345			Analysis Date:	09/19/2013 1409
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	20.0	20.0	19.1	16.9
Methylcyclohexane	20.0	20.0	18.2	16.9
Tetrachloroethene	20.0	20.0	20.5	18.7
Xylenes, Total	40.0	40.0	39.3	37.2
1,2-Dibromo-3-Chloropropane	20.0	20.0	17.2	17.7
1,1,2,2-Tetrachloroethane	20.0	20.0	19.1	17.6
1,1,2-Trichloroethane	20.0	20.0	19.9	19.2
Dibromochloromethane	20.0	20.0	18.0	16.5
1,2-Dibromoethane	20.0	20.0	18.5	16.4
Dichlorodifluoromethane	20.0	20.0	17.4	16.9
Bromochloromethane	20.0	20.0	16.9	15.1
Bromodichloromethane	20.0	20.0	17.6	15.9

Client: Antea USA, Inc. Job Number: 460-62968-1

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: 460-62968-1

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: 460-62968-1

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: 460-62968-1

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: 460-62968-1

Method Blank - Batch: 460-182467

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-182467/8	Analysis Batch:	460-182467	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363223.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/21/2013 0608	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.16	U	0.16	1.0
Bromomethane	0.43	U	0.43	1.0
Vinyl chloride	0.34	U	0.34	1.0
Chloroethane	0.33	U	0.33	1.0
Methylene Chloride	0.15	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	0.11	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: 460-62968-1

Method Blank - Batch: 460-182467

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-182467/8	Analysis Batch:	460-182467	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363223.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/21/2013 0608	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.14	U	0.14	1.0
Dibromochloromethane	0.10	U	0.10	1.0
1,2-Dibromoethane	0.15	U	0.15	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.11	U	0.11	1.0
Bromodichloromethane	0.32	U	0.32	1.0

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

Method Blank TICs- Batch: 460-182467

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-182467

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-182467/4	Analysis Batch:	460-182467	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363219.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/21/2013 0420	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-182467/5	Analysis Batch:	460-182467	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363220.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/21/2013 0444	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	89	90	50 - 151	2	30		
Bromomethane	102	111	54 - 142	8	30		
Vinyl chloride	95	98	67 - 133	3	30		
Chloroethane	96	102	56 - 146	6	30		
Methylene Chloride	82	84	74 - 137	3	30		
Acetone	85	98	27 - 164	15	30		
Carbon disulfide	88	93	72 - 128	5	30		
Trichlorofluoromethane	96	101	61 - 139	5	30		
1,1-Dichloroethene	96	98	71 - 126	2	30		
1,1-Dichloroethane	86	86	76 - 125	0	30		
trans-1,2-Dichloroethene	82	83	75 - 122	0	30		
cis-1,2-Dichloroethene	86	89	80 - 120	4	30		
Chloroform	86	87	77 - 120	0	30		
2-Butanone	91	110	77 - 117	19	30		
1,2-Dichloroethane	77	85	76 - 118	10	30		
1,1,1-Trichloroethane	86	92	78 - 117	7	30		
Carbon tetrachloride	91	95	79 - 118	5	30		
Benzene	84	87	77 - 117	4	30		
Bromoform	98	104	59 - 125	6	30		
Styrene	89	90	82 - 122	1	30		
Ethylbenzene	91	95	81 - 121	5	30		
Chlorobenzene	89	92	80 - 120	3	30		
Cyclohexane	80	84	80 - 121	4	30		
Isopropylbenzene	98	101	65 - 129	3	30		
2-Hexanone	76	82	70 - 122	7	30		
MTBE	84	89	78 - 120	6	30		
Freon TF	93	99	73 - 123	6	30		
Methyl acetate	82	89	73 - 137	9	30		
1,4-Dioxane	93	94	69 - 131	1	30		
Trichloroethene	87	90	79 - 119	3	30		
Toluene	84	86	75 - 115	2	30		
trans-1,3-Dichloropropene	85	86	67 - 121	1	30		
4-Methyl-2-pentanone	79	84	68 - 120	6	30		
cis-1,3-Dichloropropene	80	83	80 - 123	4	30		
1,2-Dichlorobenzene	92	91	80 - 120	0	30		
1,3-Dichlorobenzene	94	89	80 - 120	5	30		

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-182467

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-182467/4	Analysis Batch:	460-182467	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363219.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/21/2013 0420	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-182467/5	Analysis Batch:	460-182467	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D363220.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/21/2013 0444	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	92	89	80 - 120	4	30		
1,2,4-Trichlorobenzene	94	97	80 - 120	4	30		
1,2,3-Trichlorobenzene	97	101	75 - 121	4	30		
1,2-Dichloropropane	78	80	82 - 122	2	30	*	*
Methylcyclohexane	85	86	78 - 118	1	30		
Tetrachloroethene	104	111	80 - 120	7	30		
Xylenes, Total	91	95	82 - 122	4	30		
1,2-Dibromo-3-Chloropropane	83	92	74 - 118	10	30		
1,1,2,2-Tetrachloroethane	81	76	79 - 122	7	30		*
1,1,2-Trichloroethane	86	90	73 - 118	4	30		
Dibromochloromethane	86	93	68 - 120	8	30		
1,2-Dibromoethane	82	89	75 - 117	8	30		
Dichlorodifluoromethane	92	95	52 - 144	3	30		
Bromochloromethane	93	96	74 - 125	3	30		
Bromodichloromethane	83	88	79 - 119	5	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	94	70 - 130
Toluene-d8 (Surr)	99	103	70 - 130
Bromofluorobenzene	111	103	70 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-182467

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-182467/4	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-182467/5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/21/2013 0420			Analysis Date:	09/21/2013 0444
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	17.8	18.0
Bromomethane	20.0	20.0	20.5	22.2
Vinyl chloride	20.0	20.0	19.0	19.6
Chloroethane	20.0	20.0	19.3	20.4
Methylene Chloride	20.0	20.0	16.3	16.7
Acetone	100	100	84.8	98.1
Carbon disulfide	20.0	20.0	17.7	18.5
Trichlorofluoromethane	20.0	20.0	19.3	20.3
1,1-Dichloroethene	20.0	20.0	19.1	19.5
1,1-Dichloroethane	20.0	20.0	17.2	17.2
trans-1,2-Dichloroethene	20.0	20.0	16.5	16.5
cis-1,2-Dichloroethene	20.0	20.0	17.1	17.9
Chloroform	20.0	20.0	17.3	17.4
2-Butanone	100	100	91.2	110
1,2-Dichloroethane	20.0	20.0	15.4	17.0
1,1,1-Trichloroethane	20.0	20.0	17.2	18.4
Carbon tetrachloride	20.0	20.0	18.2	19.1
Benzene	20.0	20.0	16.8	17.5
Bromoform	20.0	20.0	19.7	20.8
Styrene	20.0	20.0	17.9	18.0
Ethylbenzene	20.0	20.0	18.2	19.1
Chlorobenzene	20.0	20.0	17.8	18.4
Cyclohexane	20.0	20.0	16.1	16.7
Isopropylbenzene	20.0	20.0	19.7	20.2
2-Hexanone	100	100	75.7	81.5
MTBE	20.0	20.0	16.8	17.9
Freon TF	20.0	20.0	18.6	19.8
Methyl acetate	100	100	81.6	89.0
1,4-Dioxane	400	400	374	377
Trichloroethene	20.0	20.0	17.4	18.0
Toluene	20.0	20.0	16.8	17.2
trans-1,3-Dichloropropene	20.0	20.0	17.0	17.2
4-Methyl-2-pentanone	100	100	79.0	83.7
cis-1,3-Dichloropropene	20.0	20.0	16.1	16.7
1,2-Dichlorobenzene	20.0	20.0	18.3	18.3
1,3-Dichlorobenzene	20.0	20.0	18.7	17.8
1,4-Dichlorobenzene	20.0	20.0	18.5	17.8
1,2,4-Trichlorobenzene	20.0	20.0	18.7	19.4
1,2,3-Trichlorobenzene	20.0	20.0	19.5	20.3

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-182467

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-182467/4	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-182467/5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/21/2013 0420			Analysis Date:	09/21/2013 0444
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	15.5 *	15.9 *
Methylcyclohexane	20.0	20.0	17.1	17.3
Tetrachloroethene	20.0	20.0	20.8	22.2
Xylenes, Total	40.0	40.0	36.3	37.9
1,2-Dibromo-3-Chloropropane	20.0	20.0	16.7	18.4
1,1,2,2-Tetrachloroethane	20.0	20.0	16.2	15.1 *
1,1,2-Trichloroethane	20.0	20.0	17.2	18.0
Dibromochloromethane	20.0	20.0	17.1	18.6
1,2-Dibromoethane	20.0	20.0	16.5	17.9
Dichlorodifluoromethane	20.0	20.0	18.5	19.1
Bromochloromethane	20.0	20.0	18.5	19.2
Bromodichloromethane	20.0	20.0	16.6	17.5

Client: Antea USA, Inc. Job Number: 460-62968-1

Method Blank - Batch: 460-181416

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-181416/1-A	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181416	Lab File ID:	z3106.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/15/2013 2234	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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: 460-62968-1

Method Blank - Batch: 460-181416

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-181416/1-A	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181416	Lab File ID:	z3106.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/15/2013 2234	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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	73	10 - 120
Nitrobenzene-d5	84	38 - 105
2-Fluorophenol	78	37 - 125
2-Fluorobiphenyl	80	40 - 109
Terphenyl-d14	96	16 - 151

Method Blank TICs- Batch: 460-181416

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Unknown Aldol Condensate	1.22	3820	A J

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample - Batch: 460-181416

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-181416/2-A	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181416	Lab File ID:	z3105.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/15/2013 2213	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	3330	2570	77	54 - 115	
2-Chlorophenol	3330	2670	80	56 - 110	
2-Methylphenol	3330	2750	82	54 - 117	
4-Methylphenol	3330	2860	86	47 - 103	
Benzaldehyde	3330	1070	32	10 - 160	
Acetophenone	3330	2480	75	40 - 95	
Bis(2-chloroethyl)ether	3330	2820	85	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2530	76	45 - 102	
N-Nitrosodi-n-propylamine	3330	2980	89	42 - 107	
Nitrobenzene	3330	1830	55	42 - 106	
Hexachloroethane	3330	2550	77	45 - 90	
Isophorone	3330	2820	84	48 - 97	
2-Nitrophenol	3330	2630	79	55 - 101	
2,4-Dimethylphenol	3330	2600	78	56 - 112	
2,4-Dichlorophenol	3330	2660	80	58 - 115	
Bis(2-chloroethoxy)methane	3330	2780	84	51 - 100	
Naphthalene	3330	2560	77	53 - 94	
4-Chloroaniline	3330	1770	53	10 - 96	
Hexachlorobutadiene	3330	2580	77	45 - 98	
Caprolactam	3330	1270	38	10 - 127	
4-Chloro-3-methylphenol	3330	2800	84	55 - 117	
2-Methylnaphthalene	3330	2850	85	51 - 98	
Hexachlorobenzene	3330	2780	83	43 - 104	
Hexachlorocyclopentadiene	3330	2800	84	24 - 98	
2,4,6-Trichlorophenol	3330	2470	74	53 - 118	
2,4,5-Trichlorophenol	3330	2550	76	50 - 115	
Diphenyl	3330	2620	79	50 - 105	
2-Chloronaphthalene	3330	2570	77	51 - 102	
2-Nitroaniline	3330	2590	78	51 - 109	
2,6-Dinitrotoluene	3330	2700	81	51 - 115	
Dimethyl phthalate	3330	2620	79	52 - 112	
Acenaphthylene	3330	2600	78	51 - 103	
3-Nitroaniline	3330	2130	64	32 - 104	
Acenaphthene	3330	2670	80	46 - 100	
4-Nitrophenol	6670	4140	62	45 - 114	
2,4-Dinitrophenol	6670	764	11	10 - 129	J
Dibenzofuran	3330	2590	78	52 - 106	
Diethyl phthalate	3330	2530	76	52 - 114	
Fluorene	3330	2580	78	51 - 108	
Fluoranthene	3330	2440	73	49 - 108	
Di-n-butyl phthalate	3330	2470	74	50 - 108	
2,4-Dinitrotoluene	3330	2550	76	53 - 110	
4-Chlorophenyl phenyl ether	3330	2630	79	50 - 106	
4-Nitroaniline	3330	1930	58	45 - 106	
4,6-Dinitro-2-methylphenol	6670	1730	26	10 - 110	
4-Bromophenyl phenyl ether	3330	2890	87	44 - 102	

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample - Batch: 460-181416

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-181416/2-A	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181416	Lab File ID:	z3105.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/15/2013 2213	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	2670	80	30 - 100	
Anthracene	3330	2650	79	50 - 107	
Carbazole	3330	2680	81	49 - 104	
Phenanthrene	3330	2710	81	48 - 108	
Pentachlorophenol	6670	3370	51	19 - 113	
Pyrene	3330	2930	88	49 - 116	
Chrysene	3330	2810	84	45 - 114	
Benzo[k]fluoranthene	3330	2980	89	35 - 115	
Benzo[g,h,i]perylene	3330	3400	102	43 - 106	
Benzo[b]fluoranthene	3330	2940	88	33 - 96	
Benzo[a]pyrene	3330	2960	89	36 - 89	
Benzo[a]anthracene	3330	2670	80	46 - 112	
N-Nitrosodiphenylamine	3330	2930	88	49 - 106	
Butyl benzyl phthalate	3330	2630	79	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2470	74	49 - 119	
Di-n-octyl phthalate	3330	2320	70	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	3090	93	43 - 109	
Dibenz(a,h)anthracene	3330	3370	101	43 - 107	
3,3'-Dichlorobenzidine	3330	2340	70	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2580	77	70 - 130	
2,3,4,6-Tetrachlorophenol	3330	2420	72	70 - 130	

Surrogate	% Rec	Acceptance Limits
Phenol-d5	75	41 - 118
2,4,6-Tribromophenol	73	10 - 120
Nitrobenzene-d5	76	38 - 105
2-Fluorophenol	70	37 - 125
2-Fluorobiphenyl	75	40 - 109
Terphenyl-d14	82	16 - 151

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181416

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-63019-A-6-C MS	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181416	Lab File ID:	z3122.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/16/2013 0354			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-63019-A-6-D MSD	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181416	Lab File ID:	z3123.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/16/2013 0414			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	91	90	54 - 115	0	30		
2-Chlorophenol	95	91	56 - 110	3	30		
2-Methylphenol	100	99	54 - 117	1	30		
4-Methylphenol	102	100	47 - 103	1	30		
Benzaldehyde	18	18	10 - 160	0	30		
Acetophenone	87	86	40 - 95	1	30		
Bis(2-chloroethyl)ether	98	96	44 - 101	2	30		
2,2'-oxybis[1-chloropropane]	89	87	45 - 102	2	30		
N-Nitrosodi-n-propylamine	104	102	42 - 107	2	30		
Nitrobenzene	65	64	42 - 106	1	30		
Hexachloroethane	87	86	45 - 90	1	30		
Isophorone	99	99	48 - 97	1	30	F	F
2-Nitrophenol	90	89	55 - 101	0	30		
2,4-Dimethylphenol	94	94	56 - 112	0	30		
2,4-Dichlorophenol	92	92	58 - 115	0	30		
Bis(2-chloroethoxy)methane	99	99	51 - 100	0	30		
Naphthalene	93	93	53 - 94	0	30		
4-Chloroaniline	74	73	10 - 96	1	30		
Hexachlorobutadiene	95	94	45 - 98	1	30		
Caprolactam	70	69	10 - 127	0	30		
4-Chloro-3-methylphenol	99	100	55 - 117	1	30		
2-Methylnaphthalene	102	102	51 - 98	0	30	F	F
Hexachlorobenzene	114	109	43 - 104	5	30	F	F
Hexachlorocyclopentadiene	82	81	24 - 98	2	30		
2,4,6-Trichlorophenol	89	86	53 - 118	3	30		
2,4,5-Trichlorophenol	90	88	50 - 115	2	30		
Diphenyl	99	97	50 - 105	2	30		
2-Chloronaphthalene	96	95	51 - 102	1	30		
2-Nitroaniline	96	94	51 - 109	1	30		
2,6-Dinitrotoluene	105	103	51 - 115	2	30		
Dimethyl phthalate	100	99	52 - 112	1	30		
Acenaphthylene	95	93	51 - 103	2	30		
3-Nitroaniline	86	84	32 - 104	2	30		

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181416

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-63019-A-6-C MS	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181416	Lab File ID:	z3122.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/16/2013 0354			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-63019-A-6-D MSD	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181416	Lab File ID:	z3123.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/16/2013 0414			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	99	95	46 - 100	3	30		
4-Nitrophenol	74	72	45 - 114	3	30		
2,4-Dinitrophenol	27	24	10 - 129	10	30		
Dibenzofuran	98	94	52 - 106	3	30		
Diethyl phthalate	96	94	52 - 114	2	30		
Fluorene	96	93	51 - 108	2	30		
Fluoranthene	89	86	49 - 108	4	30		
Di-n-butyl phthalate	91	90	50 - 108	1	30		
2,4-Dinitrotoluene	102	98	53 - 110	3	30		
4-Chlorophenyl phenyl ether	100	97	50 - 106	2	30		
4-Nitroaniline	70	68	45 - 106	3	30		
4,6-Dinitro-2-methylphenol	56	50	10 - 110	12	30		
4-Bromophenyl phenyl ether	114	110	44 - 102	3	30	F	F
Atrazine	100	96	30 - 100	3	30		
Anthracene	101	98	50 - 107	3	30		
Carbazole	98	97	49 - 104	1	30		
Phenanthrene	102	102	48 - 108	0	30		
Pentachlorophenol	57	54	19 - 113	7	30		
Pyrene	105	101	49 - 116	3	30		
Chrysene	112	107	45 - 114	5	30		
Benzo[k]fluoranthene	126	119	35 - 115	6	30	F	F
Benzo[g,h,i]perylene	143	139	43 - 106	3	30	F	F
Benzo[b]fluoranthene	101	102	33 - 96	1	30	F	F
Benzo[a]pyrene	121	120	36 - 89	1	30	F	F
Benzo[a]anthracene	97	95	46 - 112	2	30		
N-Nitrosodiphenylamine	115	113	49 - 106	2	30	F	F
Butyl benzyl phthalate	103	99	49 - 117	3	30		
Bis(2-ethylhexyl) phthalate	100	97	49 - 119	3	30		
Di-n-octyl phthalate	91	87	40 - 106	4	30		
Indeno[1,2,3-cd]pyrene	132	124	43 - 109	6	30	F	F
Dibenz(a,h)anthracene	136	132	43 - 107	3	30	F	F
3,3'-Dichlorobenzidine	96	94	24 - 105	2	30		
1,2,4,5-Tetrachlorobenzene	97	94	70 - 130	2	30		

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181416

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-63019-A-6-C MS	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181416	Lab File ID:	z3122.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/16/2013 0354			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-63019-A-6-D MSD	Analysis Batch:	460-181524	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181416	Lab File ID:	z3123.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/16/2013 0414			Final Weight/Volume:	1 mL
Prep Date:	09/15/2013 1606			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	82	77	70 - 130	6	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol	82	78	10 - 120
Phenol-d5	87	85	41 - 118
2-Fluorophenol	81	80	37 - 125
Nitrobenzene-d5	88	88	38 - 105
2-Fluorobiphenyl	92	90	40 - 109
Terphenyl-d14	97	92	16 - 151

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181416

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-63019-A-6-C MS	Units: ug/Kg	MSD Lab Sample ID:	460-63019-A-6-D MSD	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/16/2013 0354		Analysis Date:	09/16/2013 0414	
Prep Date:	09/15/2013 1606		Prep Date:	09/15/2013 1606	
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	76	U	5710	5720	5170		5170	
2-Chlorophenol	75	U	5710	5720	5400		5220	
2-Methylphenol	97	U	5710	5720	5680		5640	
4-Methylphenol	110	U	5710	5720	5800		5740	
Benzaldehyde	67	U	5710	5720	1020		1020	
Acetophenone	87	U	5710	5720	4950		4910	
Bis(2-chloroethyl)ether	7.7	U	5710	5720	5620		5510	
2,2'-oxybis[1-chloropropane]	63	U	5710	5720	5070		4950	
N-Nitrosodi-n-propylamine	9.5	U	5710	5720	5940		5830	
Nitrobenzene	8.1	U	5710	5720	3700		3660	
Hexachloroethane	6.3	U	5710	5720	4970		4930	
Isophorone	69	U	5710	5720	5680	F	5650	F
2-Nitrophenol	63	U	5710	5720	5120		5110	
2,4-Dimethylphenol	140	U	5710	5720	5380		5400	
2,4-Dichlorophenol	83	U	5710	5720	5230		5250	
Bis(2-chloroethoxy)methane	73	U	5710	5720	5670		5680	
Naphthalene	66	U	5710	5720	5310		5310	
4-Chloroaniline	150	U	5710	5720	4210		4170	
Hexachlorobutadiene	14	U	5710	5720	5450		5380	
Caprolactam	130	U	5710	5720	3980		3970	
4-Chloro-3-methylphenol	86	U	5710	5720	5670		5700	
2-Methylnaphthalene	73	U	5710	5720	5830	F	5810	F
Hexachlorobenzene	7.8	U	5710	5720	6510	F	6220	F
Hexachlorocyclopentadiene	67	U	5710	5720	4690		4620	
2,4,6-Trichlorophenol	66	U	5710	5720	5090		4940	
2,4,5-Trichlorophenol	73	U	5710	5720	5130		5030	
Diphenyl	76	U	5710	5720	5630		5540	
2-Chloronaphthalene	63	U	5710	5720	5490		5430	
2-Nitroaniline	240	U	5710	5720	5450		5400	
2,6-Dinitrotoluene	17	U	5710	5720	5970		5880	
Dimethyl phthalate	67	U	5710	5720	5730		5660	
Acenaphthylene	67	U	5710	5720	5430		5330	
3-Nitroaniline	200	U	5710	5720	4920		4800	
Acenaphthene	83	U	5710	5720	5650		5460	
4-Nitrophenol	370	U	11400	11400	8430		8190	
2,4-Dinitrophenol	320	U	11400	11400	3080		2780	
Dibenzofuran	67	U	5710	5720	5570		5400	
Diethyl phthalate	68	U	5710	5720	5470		5390	
Fluorene	73	U	5710	5720	5460		5350	
Fluoranthene	76	U	5710	5720	5100		4910	
Di-n-butyl phthalate	420	J	5710	5720	5630		5550	
2,4-Dinitrotoluene	19	U	5710	5720	5810		5620	
4-Chlorophenyl phenyl ether	67	U	5710	5720	5690		5550	

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181416

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-63019-A-6-C MS	Units:	ug/Kg	MSD Lab Sample ID:	460-63019-A-6-D MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/16/2013 0354			Analysis Date:	09/16/2013 0414
Prep Date:	09/15/2013 1606			Prep Date:	09/15/2013 1606
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	180	U	5710	5720	4000		3890	
4,6-Dinitro-2-methylphenol	150	U	11400	11400	6440		5730	
4-Bromophenyl phenyl ether	56	U	5710	5720	6500	F	6280	F
Atrazine	88	U	5710	5720	5700		5500	
Anthracene	69	U	5710	5720	5770		5590	
Carbazole	67	U	5710	5720	5620		5550	
Phenanthrene	72	U	5710	5720	5830		5810	
Pentachlorophenol	170	U	11400	11400	6560		6140	
Pyrene	48	U	5710	5720	5980		5790	
Chrysene	66	U	5710	5720	6400		6100	
Benzo[k]fluoranthene	4.3	U	5710	5720	7220	F	6830	F
Benzo[g,h,i]perylene	42	U	5710	5720	8160	F	7950	F
Benzo[b]fluoranthene	17	J	5710	5720	5760	F	5830	F
Benzo[a]pyrene	4.0	U	5710	5720	6930	F	6860	F
Benzo[a]anthracene	4.0	U	5710	5720	5530		5420	
N-Nitrosodiphenylamine	56	U	5710	5720	6560	F	6450	F
Butyl benzyl phthalate	52	U	5710	5720	5850		5670	
Bis(2-ethylhexyl) phthalate	190	U	5710	5720	5720		5550	
Di-n-octyl phthalate	36	U	5710	5720	5180		4950	
Indeno[1,2,3-cd]pyrene	11	U	5710	5720	7520	F	7070	F
Dibenz(a,h)anthracene	7.2	U	5710	5720	7770	F	7550	F
3,3'-Dichlorobenzidine	200	U	5710	5720	5510		5400	
1,2,4,5-Tetrachlorobenzene	76	U	5710	5720	5540		5400	
2,3,4,6-Tetrachlorophenol	74	U	5710	5720	4710		4410	

Client: Antea USA, Inc. Job Number: 460-62968-1

Method Blank - Batch: 460-181497

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-181497/1-A	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Client Matrix:	Solid	Prep Batch:	460-181497	Lab File ID:	U90991.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0349	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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: 460-62968-1

Method Blank - Batch: 460-181497

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-181497/1-A	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Client Matrix:	Solid	Prep Batch:	460-181497	Lab File ID:	U90991.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0349	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			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	108	41 - 118
2,4,6-Tribromophenol	102	10 - 120
Nitrobenzene-d5	82	38 - 105
2-Fluorophenol	103	37 - 125
2-Fluorobiphenyl	75	40 - 109
Terphenyl-d14	80	16 - 151

Method Blank TICs- Batch: 460-181497

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample - Batch: 460-181497

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-181497/2-A	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Client Matrix:	Solid	Prep Batch:	460-181497	Lab File ID:	U90992.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0413	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	3330	3110	93	54 - 115	
2-Chlorophenol	3330	3040	91	56 - 110	
2-Methylphenol	3330	3330	100	54 - 117	
4-Methylphenol	3330	3250	98	47 - 103	
Benzaldehyde	3330	577	17	10 - 160	
Acetophenone	3330	2250	67	40 - 95	
Bis(2-chloroethyl)ether	3330	2440	73	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2710	81	45 - 102	
N-Nitrosodi-n-propylamine	3330	2860	86	42 - 107	
Nitrobenzene	3330	1950	58	42 - 106	
Hexachloroethane	3330	2310	69	45 - 90	
Isophorone	3330	2810	84	48 - 97	
2-Nitrophenol	3330	2670	80	55 - 101	
2,4-Dimethylphenol	3330	2940	88	56 - 112	
2,4-Dichlorophenol	3330	2940	88	58 - 115	
Bis(2-chloroethoxy)methane	3330	2770	83	51 - 100	
Naphthalene	3330	2490	75	53 - 94	
4-Chloroaniline	3330	1650	50	10 - 96	
Hexachlorobutadiene	3330	2400	72	45 - 98	
Caprolactam	3330	1650	49	10 - 127	
4-Chloro-3-methylphenol	3330	3090	93	55 - 117	
2-Methylnaphthalene	3330	2790	84	51 - 98	
Hexachlorobenzene	3330	2530	76	43 - 104	
Hexachlorocyclopentadiene	3330	2620	79	24 - 98	
2,4,6-Trichlorophenol	3330	2850	85	53 - 118	
2,4,5-Trichlorophenol	3330	3020	90	50 - 115	
Diphenyl	3330	2820	85	50 - 105	
2-Chloronaphthalene	3330	2670	80	51 - 102	
2-Nitroaniline	3330	2850	86	51 - 109	
2,6-Dinitrotoluene	3330	3160	95	51 - 115	
Dimethyl phthalate	3330	2980	89	52 - 112	
Acenaphthylene	3330	2840	85	51 - 103	
3-Nitroaniline	3330	2230	67	32 - 104	
Acenaphthene	3330	2130	64	46 - 100	
4-Nitrophenol	6670	6970	105	45 - 114	
2,4-Dinitrophenol	6670	1450	22	10 - 129	
Dibenzofuran	3330	2860	86	52 - 106	
Diethyl phthalate	3330	3150	94	52 - 114	
Fluorene	3330	2880	86	51 - 108	
Fluoranthene	3330	2950	88	49 - 108	
Di-n-butyl phthalate	3330	2780	83	50 - 108	
2,4-Dinitrotoluene	3330	3320	100	53 - 110	
4-Chlorophenyl phenyl ether	3330	2890	87	50 - 106	
4-Nitroaniline	3330	2600	78	45 - 106	
4,6-Dinitro-2-methylphenol	6670	2310	35	10 - 110	
4-Bromophenyl phenyl ether	3330	2680	81	44 - 102	

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample - Batch: 460-181497

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-181497/2-A	Analysis Batch:	460-182070	Instrument ID:	CBNAMS4
Client Matrix:	Solid	Prep Batch:	460-181497	Lab File ID:	U90992.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/19/2013 0413	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	2090	63	30 - 100	
Anthracene	3330	2810	84	50 - 107	
Carbazole	3330	2780	83	49 - 104	
Phenanthrene	3330	2840	85	48 - 108	
Pentachlorophenol	6670	4770	72	19 - 113	
Pyrene	3330	2490	75	49 - 116	
Chrysene	3330	2640	79	45 - 114	
Benzo[k]fluoranthene	3330	2730	82	35 - 115	
Benzo[g,h,i]perylene	3330	2520	76	43 - 106	
Benzo[b]fluoranthene	3330	3000	90	33 - 96	
Benzo[a]pyrene	3330	2970	89	36 - 89	
Benzo[a]anthracene	3330	2580	77	46 - 112	
N-Nitrosodiphenylamine	3330	2780	83	49 - 106	
Butyl benzyl phthalate	3330	2560	77	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2600	78	49 - 119	
Di-n-octyl phthalate	3330	2720	82	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	2580	77	43 - 109	
Dibenz(a,h)anthracene	3330	2520	76	43 - 107	
3,3'-Dichlorobenzidine	3330	1450	44	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2390	72	70 - 130	
2,3,4,6-Tetrachlorophenol	3330	3110	93	70 - 130	

Surrogate	% Rec	Acceptance Limits
Phenol-d5	78	41 - 118
2,4,6-Tribromophenol	79	10 - 120
Nitrobenzene-d5	66	38 - 105
2-Fluorophenol	75	37 - 125
2-Fluorobiphenyl	66	40 - 109
Terphenyl-d14	63	16 - 151

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181497

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62968-1	Analysis Batch:	460-182194	Instrument ID:	CBNAMS4
Client Matrix:	Solid	Prep Batch:	460-181497	Lab File ID:	U91023.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1906			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-62968-1	Analysis Batch:	460-182194	Instrument ID:	CBNAMS4
Client Matrix:	Solid	Prep Batch:	460-181497	Lab File ID:	U91024.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/19/2013 1934			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	87	105	54 - 115	19	30		
2-Chlorophenol	90	101	56 - 110	11	30		
2-Methylphenol	90	103	54 - 117	13	30		
4-Methylphenol	89	102	47 - 103	13	30		
Benzaldehyde	31	33	10 - 160	6	30		
Acetophenone	65	74	40 - 95	14	30		
Bis(2-chloroethyl)ether	75	86	44 - 101	14	30		
2,2'-oxybis[1-chloropropane]	83	92	45 - 102	11	30		
N-Nitrosodi-n-propylamine	83	97	42 - 107	15	30		
Nitrobenzene	65	65	42 - 106	1	30		
Hexachloroethane	70	79	45 - 90	12	30		
Isophorone	92	92	48 - 97	0	30		
2-Nitrophenol	91	89	55 - 101	2	30		
2,4-Dimethylphenol	92	93	56 - 112	1	30		
2,4-Dichlorophenol	96	98	58 - 115	2	30		
Bis(2-chloroethoxy)methane	93	96	51 - 100	3	30		
Naphthalene	89	81	53 - 94	9	30		
4-Chloroaniline	52	47	10 - 96	10	30		
Hexachlorobutadiene	83	84	45 - 98	2	30		
Caprolactam	44	45	10 - 127	2	30		
4-Chloro-3-methylphenol	88	90	55 - 117	2	30		
2-Methylnaphthalene	87	85	51 - 98	2	30		
Hexachlorobenzene	91	89	43 - 104	2	30		
Hexachlorocyclopentadiene	92	85	24 - 98	8	30		
2,4,6-Trichlorophenol	96	102	53 - 118	6	30		
2,4,5-Trichlorophenol	97	98	50 - 115	0	30		
Diphenyl	110	108	50 - 105	2	30	F	F
2-Chloronaphthalene	100	99	51 - 102	1	30		
2-Nitroaniline	100	104	51 - 109	4	30		
2,6-Dinitrotoluene	105	108	51 - 115	3	30		
Dimethyl phthalate	100	104	52 - 112	4	30		
Acenaphthylene	96	96	51 - 103	1	30		
3-Nitroaniline	73	82	32 - 104	12	30		

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181497

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62968-1	Analysis Batch:	460-182194	Instrument ID:	CBNAMS4
Client Matrix:	Solid	Prep Batch:	460-181497	Lab File ID:	U91023.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1906			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-62968-1	Analysis Batch:	460-182194	Instrument ID:	CBNAMS4
Client Matrix:	Solid	Prep Batch:	460-181497	Lab File ID:	U91024.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/19/2013 1934			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	75	74	46 - 100	2	30		
4-Nitrophenol	103	105	45 - 114	2	30		
2,4-Dinitrophenol	16	14	10 - 129	16	30		J
Dibenzofuran	98	97	52 - 106	2	30		
Diethyl phthalate	95	98	52 - 114	3	30		
Fluorene	89	91	51 - 108	2	30		
Fluoranthene	86	91	49 - 108	5	30		
Di-n-butyl phthalate	97	101	50 - 108	4	30		
2,4-Dinitrotoluene	97	98	53 - 110	2	30		
4-Chlorophenyl phenyl ether	93	94	50 - 106	1	30		
4-Nitroaniline	76	80	45 - 106	5	30		
4,6-Dinitro-2-methylphenol	38	31	10 - 110	21	30		
4-Bromophenyl phenyl ether	97	99	44 - 102	2	30		
Atrazine	82	81	30 - 100	1	30		
Anthracene	95	95	50 - 107	0	30		
Carbazole	97	98	49 - 104	2	30		
Phenanthrene	96	98	48 - 108	2	30		
Pentachlorophenol	75	71	19 - 113	7	30		
Pyrene	77	80	49 - 116	5	30		
Chrysene	92	97	45 - 114	5	30		
Benzo[k]fluoranthene	96	91	35 - 115	6	30		
Benzo[g,h,i]perylene	119	123	43 - 106	4	30	F	F
Benzo[b]fluoranthene	92	101	33 - 96	10	30		F
Benzo[a]pyrene	103	107	36 - 89	4	30	F	F
Benzo[a]anthracene	92	95	46 - 112	2	30		
N-Nitrosodiphenylamine	113	110	49 - 106	2	30	F	F
Butyl benzyl phthalate	89	95	49 - 117	6	30		
Bis(2-ethylhexyl) phthalate	91	100	49 - 119	10	30		
Di-n-octyl phthalate	79	82	40 - 106	4	30		
Indeno[1,2,3-cd]pyrene	131	137	43 - 109	4	30	F	F
Dibenz(a,h)anthracene	111	119	43 - 107	6	30	F	F
3,3'-Dichlorobenzidine	63	64	24 - 105	3	30		
1,2,4,5-Tetrachlorobenzene	96	98	70 - 130	2	30		

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181497

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62968-1	Analysis Batch:	460-182194	Instrument ID:	CBNAMS4
Client Matrix:	Solid	Prep Batch:	460-181497	Lab File ID:	U91023.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1906			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-62968-1	Analysis Batch:	460-182194	Instrument ID:	CBNAMS4
Client Matrix:	Solid	Prep Batch:	460-181497	Lab File ID:	U91024.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/19/2013 1934			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0907			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,3,4,6-Tetrachlorophenol	86	90	70 - 130	4	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol	73	73	10 - 120
Phenol-d5	75	85	41 - 118
2-Fluorophenol	79	86	37 - 125
Nitrobenzene-d5	72	70	38 - 105
2-Fluorobiphenyl	82	81	40 - 109
Terphenyl-d14	65	72	16 - 151

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181497

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62968-1	Units:	ug/Kg	MSD Lab Sample ID:	460-62968-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/19/2013 1906			Analysis Date:	09/19/2013 1934
Prep Date:	09/16/2013 0907			Prep Date:	09/16/2013 0907
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	3460	3450	3010		3640	
2-Chlorophenol	45	U	3460	3450	3120		3500	
2-Methylphenol	58	U	3460	3450	3110		3550	
4-Methylphenol	67	U	3460	3450	3080		3500	
Benzaldehyde	40	U	3460	3450	1050		1120	
Acetophenone	53	U	3460	3450	2230		2560	
Bis(2-chloroethyl)ether	4.7	U	3460	3450	2590		2980	
2,2'-oxybis[1-chloropropane]	38	U	3460	3450	2860		3190	
N-Nitrosodi-n-propylamine	5.7	U	3460	3450	2860		3340	
Nitrobenzene	4.9	U	3460	3450	2240		2230	
Hexachloroethane	3.8	U	3460	3450	2430		2730	
Isophorone	42	U	3460	3450	3190		3190	
2-Nitrophenol	38	U	3460	3450	3150		3070	
2,4-Dimethylphenol	85	U	3460	3450	3180		3200	
2,4-Dichlorophenol	50	U	3460	3450	3330		3400	
Bis(2-chloroethoxy)methane	44	U	3460	3450	3220		3320	
Naphthalene	40	U	3460	3450	3090		2810	
4-Chloroaniline	91	U	3460	3450	1790		1620	
Hexachlorobutadiene	8.4	U	3460	3450	2870		2920	
Caprolactam	79	U	3460	3450	1520		1550	
4-Chloro-3-methylphenol	52	U	3460	3450	3050		3100	
2-Methylnaphthalene	44	U	3460	3450	3010		2950	
Hexachlorobenzene	4.7	U	3460	3450	3150		3090	
Hexachlorocyclopentadiene	40	U	3460	3450	3180		2950	
2,4,6-Trichlorophenol	40	U	3460	3450	3320		3530	
2,4,5-Trichlorophenol	44	U	3460	3450	3360		3370	
Diphenyl	46	U	3460	3450	3800	F	3740	F
2-Chloronaphthalene	38	U	3460	3450	3450		3430	
2-Nitroaniline	140	U	3460	3450	3440		3580	
2,6-Dinitrotoluene	10	U	3460	3450	3610		3720	
Dimethyl phthalate	41	U	3460	3450	3460		3600	
Acenaphthylene	41	U	3460	3450	3330		3300	
3-Nitroaniline	120	U	3460	3450	2510		2820	
Acenaphthene	50	U	3460	3450	2590		2550	
4-Nitrophenol	220	U	6910	6910	7100		7240	
2,4-Dinitrophenol	190	U	6910	6910	1140		971	J
Dibenzofuran	40	U	3460	3450	3400		3350	
Diethyl phthalate	41	U	3460	3450	3290		3390	
Fluorene	44	U	3460	3450	3070		3130	
Fluoranthene	46	U	3460	3450	2990		3140	
Di-n-butyl phthalate	42	U	3460	3450	3340		3470	
2,4-Dinitrotoluene	11	U	3460	3450	3340		3390	
4-Chlorophenyl phenyl ether	40	U	3460	3450	3230		3250	

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181497

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62968-1	Units: ug/Kg	MSD Lab Sample ID:	460-62968-1	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/19/2013 1906		Analysis Date:	09/19/2013 1934	
Prep Date:	09/16/2013 0907		Prep Date:	09/16/2013 0907	
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	3460	3450	2620		2750	
4,6-Dinitro-2-methylphenol	93	U	6910	6910	2630		2120	
4-Bromophenyl phenyl ether	34	U	3460	3450	3350		3400	
Atrazine	53	U	3460	3450	2820		2780	
Anthracene	42	U	3460	3450	3300		3290	
Carbazole	41	U	3460	3450	3340		3400	
Phenanthrene	44	U	3460	3450	3330		3390	
Pentachlorophenol	100	U	6910	6910	5210		4870	
Pyrene	29	U	3460	3450	2650		2780	
Chrysene	40	U	3460	3450	3180		3340	
Benzo[k]fluoranthene	2.6	U	3460	3450	3310		3130	
Benzo[g,h,i]perylene	25	U	3460	3450	4100	F	4260	F
Benzo[b]fluoranthene	2.2	U	3460	3450	3170		3490	F
Benzo[a]pyrene	2.4	U	3460	3450	3560	F	3700	F
Benzo[a]anthracene	2.4	U	3460	3450	3190		3270	
N-Nitrosodiphenylamine	34	U	3460	3450	3900	F	3820	F
Butyl benzyl phthalate	31	U	3460	3450	3080		3290	
Bis(2-ethylhexyl) phthalate	110	U	3460	3450	3130		3460	
Di-n-octyl phthalate	22	U	3460	3450	2720		2840	
Indeno[1,2,3-cd]pyrene	6.4	U	3460	3450	4520	F	4720	F
Dibenz(a,h)anthracene	4.3	U	3460	3450	3840	F	4100	F
3,3'-Dichlorobenzidine	120	U	3460	3450	2170		2230	
1,2,4,5-Tetrachlorobenzene	46	U	3460	3450	3300		3380	
2,3,4,6-Tetrachlorophenol	45	U	3460	3450	2960		3090	

Client: Antea USA, Inc. Job Number: 460-62968-1

Method Blank - Batch: 460-181498

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-181498/1-A	Analysis Batch:	460-181752	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181498	Lab File ID:	z3181.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 0538	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			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: 460-62968-1

Method Blank - Batch: 460-181498 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	MB 460-181498/1-A	Analysis Batch:	460-181752	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181498	Lab File ID:	z3181.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 0538	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			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	82	41 - 118
2,4,6-Tribromophenol	56	10 - 120
Nitrobenzene-d5	80	38 - 105
2-Fluorophenol	77	37 - 125
2-Fluorobiphenyl	80	40 - 109
Terphenyl-d14	100	16 - 151

Method Blank TICs- Batch: 460-181498

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Unknown Aldol Condensate	1.17	5270	A J

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample - Batch: 460-181498

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-181498/2-A	Analysis Batch:	460-181752	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181498	Lab File ID:	z3190.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 0841	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	3330	2700	81	54 - 115	
2-Chlorophenol	3330	2790	84	56 - 110	
2-Methylphenol	3330	3060	92	54 - 117	
4-Methylphenol	3330	3050	92	47 - 103	
Benzaldehyde	3330	995	30	10 - 160	
Acetophenone	3330	2590	78	40 - 95	
Bis(2-chloroethyl)ether	3330	2880	86	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2610	78	45 - 102	
N-Nitrosodi-n-propylamine	3330	3020	90	42 - 107	
Nitrobenzene	3330	1860	56	42 - 106	
Hexachloroethane	3330	2350	70	45 - 90	
Isophorone	3330	2960	89	48 - 97	
2-Nitrophenol	3330	2810	84	55 - 101	
2,4-Dimethylphenol	3330	2780	83	56 - 112	
2,4-Dichlorophenol	3330	2850	86	58 - 115	
Bis(2-chloroethoxy)methane	3330	2950	89	51 - 100	
Naphthalene	3330	2630	79	53 - 94	
4-Chloroaniline	3330	1670	50	10 - 96	
Hexachlorobutadiene	3330	2620	79	45 - 98	
Caprolactam	3330	2150	64	10 - 127	
4-Chloro-3-methylphenol	3330	2920	88	55 - 117	
2-Methylnaphthalene	3330	2900	87	51 - 98	
Hexachlorobenzene	3330	2890	87	43 - 104	
Hexachlorocyclopentadiene	3330	2530	76	24 - 98	
2,4,6-Trichlorophenol	3330	2740	82	53 - 118	
2,4,5-Trichlorophenol	3330	2740	82	50 - 115	
Diphenyl	3330	2730	82	50 - 105	
2-Chloronaphthalene	3330	2700	81	51 - 102	
2-Nitroaniline	3330	2710	81	51 - 109	
2,6-Dinitrotoluene	3330	3120	94	51 - 115	
Dimethyl phthalate	3330	2900	87	52 - 112	
Acenaphthylene	3330	2730	82	51 - 103	
3-Nitroaniline	3330	2300	69	32 - 104	
Acenaphthene	3330	2750	83	46 - 100	
4-Nitrophenol	6670	4180	63	45 - 114	
2,4-Dinitrophenol	6670	1250	19	10 - 129	
Dibenzofuran	3330	2710	81	52 - 106	
Diethyl phthalate	3330	2790	84	52 - 114	
Fluorene	3330	2620	79	51 - 108	
Fluoranthene	3330	2400	72	49 - 108	
Di-n-butyl phthalate	3330	2800	84	50 - 108	
2,4-Dinitrotoluene	3330	2860	86	53 - 110	
4-Chlorophenyl phenyl ether	3330	2760	83	50 - 106	
4-Nitroaniline	3330	2210	66	45 - 106	
4,6-Dinitro-2-methylphenol	6670	2630	40	10 - 110	
4-Bromophenyl phenyl ether	3330	2970	89	44 - 102	

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample - Batch: 460-181498

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-181498/2-A	Analysis Batch:	460-181752	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181498	Lab File ID:	z3190.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 0841	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	2920	88	30 - 100	
Anthracene	3330	2710	81	50 - 107	
Carbazole	3330	2760	83	49 - 104	
Phenanthrene	3330	2740	82	48 - 108	
Pentachlorophenol	6670	3880	58	19 - 113	
Pyrene	3330	2740	82	49 - 116	
Chrysene	3330	2900	87	45 - 114	
Benzo[k]fluoranthene	3330	2530	76	35 - 115	
Benzo[g,h,i]perylene	3330	3330	100	43 - 106	
Benzo[b]fluoranthene	3330	2780	84	33 - 96	
Benzo[a]pyrene	3330	2900	87	36 - 89	
Benzo[a]anthracene	3330	2550	77	46 - 112	
N-Nitrosodiphenylamine	3330	3130	94	49 - 106	
Butyl benzyl phthalate	3330	2880	86	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2760	83	49 - 119	
Di-n-octyl phthalate	3330	2180	65	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	3240	97	43 - 109	
Dibenz(a,h)anthracene	3330	3410	102	43 - 107	
3,3'-Dichlorobenzidine	3330	2300	69	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2650	79	70 - 130	
2,3,4,6-Tetrachlorophenol	3330	2630	79	70 - 130	

Surrogate	% Rec	Acceptance Limits
Phenol-d5	66	41 - 118
2,4,6-Tribromophenol	65	10 - 120
Nitrobenzene-d5	65	38 - 105
2-Fluorophenol	63	37 - 125
2-Fluorobiphenyl	66	40 - 109
Terphenyl-d14	67	16 - 151

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181498

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62968-35	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181498	Lab File ID:	z2345.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1943			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-62968-35	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181498	Lab File ID:	z2346.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/19/2013 2007			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	92	93	54 - 115	1	30		
2-Chlorophenol	91	93	56 - 110	1	30		
2-Methylphenol	93	95	54 - 117	2	30		
4-Methylphenol	88	88	47 - 103	1	30		
Benzaldehyde	35	34	10 - 160	3	30		
Acetophenone	80	82	40 - 95	2	30		
Bis(2-chloroethyl)ether	86	88	44 - 101	2	30		
2,2'-oxybis[1-chloropropane]	87	87	45 - 102	0	30		
N-Nitrosodi-n-propylamine	98	99	42 - 107	1	30		
Nitrobenzene	64	65	42 - 106	1	30		
Hexachloroethane	80	83	45 - 90	3	30		
Isophorone	98	97	48 - 97	1	30	F	
2-Nitrophenol	96	95	55 - 101	1	30		
2,4-Dimethylphenol	92	93	56 - 112	1	30		
2,4-Dichlorophenol	98	98	58 - 115	0	30		
Bis(2-chloroethoxy)methane	97	97	51 - 100	0	30		
Naphthalene	92	93	53 - 94	1	30		
4-Chloroaniline	55	55	10 - 96	0	30		
Hexachlorobutadiene	89	90	45 - 98	1	30		
Caprolactam	118	117	10 - 127	1	30		
4-Chloro-3-methylphenol	101	101	55 - 117	0	30		
2-Methylnaphthalene	100	100	51 - 98	0	30	F	F
Hexachlorobenzene	95	97	43 - 104	2	30		
Hexachlorocyclopentadiene	83	84	24 - 98	1	30		
2,4,6-Trichlorophenol	95	95	53 - 118	0	30		
2,4,5-Trichlorophenol	96	98	50 - 115	1	30		
Diphenyl	94	94	50 - 105	0	30		
2-Chloronaphthalene	92	92	51 - 102	0	30		
2-Nitroaniline	83	84	51 - 109	1	30		
2,6-Dinitrotoluene	111	111	51 - 115	0	30		
Dimethyl phthalate	104	104	52 - 112	0	30		
Acenaphthylene	95	97	51 - 103	1	30		
3-Nitroaniline	89	91	32 - 104	2	30		

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181498

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62968-35	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181498	Lab File ID:	z2345.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1943			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-62968-35	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181498	Lab File ID:	z2346.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/19/2013 2007			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	92	92	46 - 100	0	30		
4-Nitrophenol	96	93	45 - 114	3	30		
2,4-Dinitrophenol	21	15	10 - 129	35	30		F
Dibenzofuran	97	97	52 - 106	1	30		
Diethyl phthalate	106	105	52 - 114	1	30		
Fluorene	97	98	51 - 108	0	30		
Fluoranthene	101	103	49 - 108	2	30		
Di-n-butyl phthalate	106	106	50 - 108	0	30		
2,4-Dinitrotoluene	109	109	53 - 110	0	30		
4-Chlorophenyl phenyl ether	96	97	50 - 106	1	30		
4-Nitroaniline	95	93	45 - 106	2	30		
4,6-Dinitro-2-methylphenol	40	29	10 - 110	31	30		F
4-Bromophenyl phenyl ether	98	99	44 - 102	0	30		
Atrazine	95	95	30 - 100	0	30		
Anthracene	96	98	50 - 107	2	30		
Carbazole	110	111	49 - 104	1	30	F	F
Phenanthrene	97	97	48 - 108	1	30		
Pentachlorophenol	60	58	19 - 113	5	30		
Pyrene	90	92	49 - 116	1	30		
Chrysene	96	96	45 - 114	1	30		
Benzo[k]fluoranthene	101	101	35 - 115	1	30		
Benzo[g,h,i]perylene	134	131	43 - 106	2	30	F	F
Benzo[b]fluoranthene	100	100	33 - 96	0	30	F	F
Benzo[a]pyrene	110	105	36 - 89	5	30	F	F
Benzo[a]anthracene	96	96	46 - 112	0	30		
N-Nitrosodiphenylamine	103	104	49 - 106	1	30		
Butyl benzyl phthalate	107	107	49 - 117	1	30		
Bis(2-ethylhexyl) phthalate	106	107	49 - 119	1	30		
Di-n-octyl phthalate	91	92	40 - 106	1	30		
Indeno[1,2,3-cd]pyrene	125	126	43 - 109	1	30	F	F
Dibenz(a,h)anthracene	114	117	43 - 107	2	30	F	F
3,3'-Dichlorobenzidine	89	93	24 - 105	5	30		
1,2,4,5-Tetrachlorobenzene	88	87	70 - 130	1	30		

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181498

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62968-35	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181498	Lab File ID:	z2345.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/19/2013 1943			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-62968-35	Analysis Batch:	460-182252	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-181498	Lab File ID:	z2346.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/19/2013 2007			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 0913			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	92	92	70 - 130	0	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol	81	77	10 - 120
Phenol-d5	75	75	41 - 118
2-Fluorophenol	71	71	37 - 125
Nitrobenzene-d5	74	73	38 - 105
2-Fluorobiphenyl	75	74	40 - 109
Terphenyl-d14	77	78	16 - 151

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181498

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62968-35	Units:	ug/Kg	MSD Lab Sample ID:	460-62968-35
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/19/2013 1943			Analysis Date:	09/19/2013 2007
Prep Date:	09/16/2013 0913			Prep Date:	09/16/2013 0913
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	3450	3440	3170		3190	
2-Chlorophenol	45	U	3450	3440	3150		3190	
2-Methylphenol	58	U	3450	3440	3200		3270	
4-Methylphenol	67	U	3450	3440	3030		3040	
Benzaldehyde	40	U	3450	3440	1220		1190	
Acetophenone	53	U	3450	3440	2760		2810	
Bis(2-chloroethyl)ether	4.7	U	3450	3440	2970		3020	
2,2'-oxybis[1-chloropropane]	38	U	3450	3440	2990		2990	
N-Nitrosodi-n-propylamine	5.7	U	3450	3440	3370		3420	
Nitrobenzene	4.9	U	3450	3440	2220		2240	
Hexachloroethane	3.8	U	3450	3440	2740		2840	
Isophorone	41	U	3450	3440	3380	F	3350	
2-Nitrophenol	38	U	3450	3440	3300		3280	
2,4-Dimethylphenol	84	U	3450	3440	3170		3200	
2,4-Dichlorophenol	50	U	3450	3440	3390		3380	
Bis(2-chloroethoxy)methane	44	U	3450	3440	3350		3350	
Naphthalene	40	U	3450	3440	3180		3210	
4-Chloroaniline	91	U	3450	3440	1890		1900	
Hexachlorobutadiene	8.3	U	3450	3440	3080		3110	
Caprolactam	79	U	3450	3440	4060		4040	
4-Chloro-3-methylphenol	52	U	3450	3440	3490		3490	
2-Methylnaphthalene	44	U	3450	3440	3460	F	3440	F
Hexachlorobenzene	4.7	U	3450	3440	3260		3330	
Hexachlorocyclopentadiene	40	U	3450	3440	2880		2910	
2,4,6-Trichlorophenol	40	U	3450	3440	3260		3270	
2,4,5-Trichlorophenol	44	U	3450	3440	3320		3360	
Diphenyl	46	U	3450	3440	3240		3250	
2-Chloronaphthalene	38	U	3450	3440	3180		3170	
2-Nitroaniline	140	U	3450	3440	2860		2890	
2,6-Dinitrotoluene	10	U	3450	3440	3820		3830	
Dimethyl phthalate	41	U	3450	3440	3590		3590	
Acenaphthylene	40	U	3450	3440	3280		3320	
3-Nitroaniline	120	U	3450	3440	3060		3130	
Acenaphthene	50	U	3450	3440	3160		3150	
4-Nitrophenol	220	U	6890	6880	6600		6390	
2,4-Dinitrophenol	190	U	6890	6880	1480		1040	F
Dibenzofuran	40	U	3450	3440	3360		3330	
Diethyl phthalate	41	U	3450	3440	3640		3620	
Fluorene	44	U	3450	3440	3360		3360	
Fluoranthene	46	U	3450	3440	3470		3540	
Di-n-butyl phthalate	74	J	3450	3440	3710		3710	
2,4-Dinitrotoluene	11	U	3450	3440	3750		3750	
4-Chlorophenyl phenyl ether	40	U	3450	3440	3320		3340	

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181498

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-62968-35	Units:	ug/Kg	MSD Lab Sample ID:	460-62968-35
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/19/2013 1943			Analysis Date:	09/19/2013 2007
Prep Date:	09/16/2013 0913			Prep Date:	09/16/2013 0913
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	3450	3440	3260		3200	
4,6-Dinitro-2-methylphenol	93	U	6890	6880	2780		2030	F
4-Bromophenyl phenyl ether	34	U	3450	3440	3390		3390	
Atrazine	53	U	3450	3440	3270		3250	
Anthracene	42	U	3450	3440	3300		3360	
Carbazole	40	U	3450	3440	3790	F	3820	F
Phenanthrene	44	U	3450	3440	3330		3350	
Pentachlorophenol	100	U	6890	6880	4170		3960	
Pyrene	29	U	3450	3440	3120		3160	
Chrysene	40	U	3450	3440	3320		3300	
Benzo[k]fluoranthene	2.6	U	3450	3440	3500		3470	
Benzo[g,h,i]perylene	25	U	3450	3440	4600	F	4520	F
Benzo[b]fluoranthene	2.2	U	3450	3440	3440	F	3450	F
Benzo[a]pyrene	2.4	U	3450	3440	3780	F	3610	F
Benzo[a]anthracene	2.4	U	3450	3440	3290		3290	
N-Nitrosodiphenylamine	34	U	3450	3440	3560		3590	
Butyl benzyl phthalate	31	U	3450	3440	3700		3680	
Bis(2-ethylhexyl) phthalate	110	U	3450	3440	3650		3680	
Di-n-octyl phthalate	22	U	3450	3440	3150		3180	
Indeno[1,2,3-cd]pyrene	6.4	U	3450	3440	4310	F	4340	F
Dibenz(a,h)anthracene	4.3	U	3450	3440	3920	F	4020	F
3,3'-Dichlorobenzidine	120	U	3450	3440	3050		3210	
1,2,4,5-Tetrachlorobenzene	46	U	3450	3440	3020		2990	
2,3,4,6-Tetrachlorophenol	44	U	3450	3440	3180		3170	

Client: Antea USA, Inc. Job Number: 460-62968-1

Method Blank - Batch: 460-181657

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-181657/1-A	Analysis Batch:	460-181879	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-181657	Lab File ID:	M69499.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	09/18/2013 0326	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/17/2013 0327			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: 460-62968-1

Method Blank - Batch: 460-181657

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-181657/1-A	Analysis Batch:	460-181879	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-181657	Lab File ID:	M69499.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	09/18/2013 0326	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/17/2013 0327			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	37	4 - 86
2,4,6-Tribromophenol	98	51 - 126
Nitrobenzene-d5	85	60 - 114
2-Fluorophenol	55	15 - 96
2-Fluorobiphenyl	82	50 - 120
Terphenyl-d14	101	72 - 130

Method Blank TICs- Batch: 460-181657

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-181657

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-181657/2-A	Analysis Batch:	460-182076	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-181657	Lab File ID:	M69582.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	09/19/2013 1548	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/17/2013 0327			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-181657/3-A	Analysis Batch:	460-182381	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-181657	Lab File ID:	M69619.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	09/20/2013 1615	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/17/2013 0327			Injection Volume:	5 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Phenol	37	39	12 - 44	4	30		
2-Chlorophenol	81	89	53 - 101	9	30		
2-Methylphenol	70	74	40 - 90	5	30		
4-Methylphenol	64	70	30 - 75	8	30		
Benzaldehyde	112	118	52 - 150	5	30		
Acetophenone	74	82	68 - 109	10	30		
Bis(2-chloroethyl)ether	68	76	62 - 108	10	30		
2,2'-oxybis[1-chloropropane]	72	80	68 - 107	10	30		
N-Nitrosodi-n-propylamine	73	81	70 - 109	11	30		
Nitrobenzene	72	76	66 - 106	6	30		
Hexachloroethane	63	79	50 - 99	23	30		
Isophorone	70	84	68 - 108	18	30		
2-Nitrophenol	86	92	65 - 107	7	30		
2,4-Dimethylphenol	88	87	55 - 100	1	30		
2,4-Dichlorophenol	85	94	64 - 107	10	30		
Bis(2-chloroethoxy)methane	79	88	69 - 108	10	30		
Naphthalene	85	92	63 - 101	8	30		
4-Chloroaniline	78	95	58 - 105	20	30		
Hexachlorobutadiene	75	93	52 - 99	21	30		
Caprolactam	35	30	10 - 30	16	30	*	
4-Chloro-3-methylphenol	78	91	57 - 106	15	30		
2-Methylnaphthalene	82	93	66 - 102	12	30		
Hexachlorobenzene	110	124	65 - 107	11	30	*	*
Hexachlorocyclopentadiene	73	88	40 - 105	18	30		
2,4,6-Trichlorophenol	98	104	67 - 111	6	30		
2,4,5-Trichlorophenol	95	108	67 - 114	13	30		
Diphenyl	86	91	66 - 112	6	30		
2-Chloronaphthalene	86	95	65 - 107	11	30		
2-Nitroaniline	60	72	73 - 116	18	30	*	*
2,6-Dinitrotoluene	91	103	68 - 114	13	30		
Dimethyl phthalate	87	99	69 - 111	13	30		
Acenaphthylene	85	94	67 - 107	10	30		
3-Nitroaniline	96	112	59 - 108	16	30		*
Acenaphthene	84	93	66 - 108	11	30		
4-Nitrophenol	43	40	10 - 44	8	30		
2,4-Dinitrophenol	97	109	19 - 113	11	30		

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-181657

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-181657/2-A	Analysis Batch:	460-182076	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-181657	Lab File ID:	M69582.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	09/19/2013 1548	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/17/2013 0327			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-181657/3-A	Analysis Batch:	460-182381	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-181657	Lab File ID:	M69619.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	09/20/2013 1615	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/17/2013 0327			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Dibenzofuran	82	95	68 - 105	15	30		
Diethyl phthalate	83	96	66 - 109	15	30		
Fluorene	89	96	68 - 105	8	30		
Fluoranthene	94	103	68 - 108	9	30		
Di-n-butyl phthalate	85	93	68 - 111	9	30		
2,4-Dinitrotoluene	89	105	65 - 113	16	30		
4-Chlorophenyl phenyl ether	87	104	68 - 105	18	30		
4-Nitroaniline	103	111	49 - 119	8	30		
4,6-Dinitro-2-methylphenol	105	128	58 - 115	19	30		*
4-Bromophenyl phenyl ether	88	108	66 - 110	21	30		
Atrazine	67	80	56 - 116	19	30		
Anthracene	89	104	68 - 108	15	30		
Carbazole	93	98	67 - 110	6	30		
Phenanthrene	90	101	68 - 110	11	30		
Pentachlorophenol	104	122	55 - 116	16	30		*
Pyrene	74	88	61 - 110	17	30		
Chrysene	86	90	68 - 112	5	30		
Benzo[k]fluoranthene	92	103	66 - 114	10	30		
Benzo[g,h,i]perylene	91	91	65 - 134	0	30		
Benzo[b]fluoranthene	93	106	65 - 111	13	30		
Benzo[a]pyrene	91	104	58 - 101	13	30		*
Benzo[a]anthracene	88	96	65 - 106	9	30		
N-Nitrosodiphenylamine	93	102	71 - 121	9	30		
Butyl benzyl phthalate	75	81	66 - 115	9	30		
Bis(2-ethylhexyl) phthalate	70	82	66 - 114	15	30		
Di-n-octyl phthalate	80	84	51 - 115	5	30		
Indeno[1,2,3-cd]pyrene	92	102	68 - 121	10	30		
Dibenz(a,h)anthracene	95	95	67 - 124	0	30		
3,3'-Dichlorobenzidine	104	107	69 - 129	3	30		
1,2,4,5-Tetrachlorobenzene	84	92	70 - 130	9	30		
2,3,4,6-Tetrachlorophenol	97	110	70 - 130	13	30		

Surrogate	LCS % Rec	LCSD % Rec		Acceptance Limits
2,4,6-Tribromophenol	112	131	X	51 - 126
Phenol-d5	31	33		4 - 86
2-Fluorophenol	46	49		15 - 96

Client: Antea USA, Inc. Job Number: 460-62968-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Nitrobenzene-d5	69	76	60 - 114
2-Fluorobiphenyl	81	87	50 - 120
Terphenyl-d14	73	90	72 - 130

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-181657

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-181657/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-181657/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/19/2013 1548			Analysis Date:	09/20/2013 1615
Prep Date:	09/17/2013 0327			Prep Date:	09/17/2013 0327
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	29.7		30.8	
2-Chlorophenol	80.0	80.0	64.7		71.1	
2-Methylphenol	80.0	80.0	56.0		59.0	
4-Methylphenol	80.0	80.0	51.6		55.8	
Benzaldehyde	80.0	80.0	89.2		94.3	
Acetophenone	80.0	80.0	59.2		65.8	
Bis(2-chloroethyl)ether	80.0	80.0	54.6		60.5	
2,2'-oxybis[1-chloropropane]	80.0	80.0	57.7		64.0	
N-Nitrosodi-n-propylamine	80.0	80.0	58.5		65.1	
Nitrobenzene	80.0	80.0	57.2		60.9	
Hexachloroethane	80.0	80.0	50.3		63.4	
Isophorone	80.0	80.0	56.3		67.3	
2-Nitrophenol	80.0	80.0	68.5		73.2	
2,4-Dimethylphenol	80.0	80.0	70.6		69.8	
2,4-Dichlorophenol	80.0	80.0	67.8		75.2	
Bis(2-chloroethoxy)methane	80.0	80.0	63.4		70.4	
Naphthalene	80.0	80.0	67.7		73.6	
4-Chloroaniline	80.0	80.0	62.1		75.8	
Hexachlorobutadiene	80.0	80.0	60.2		74.2	
Caprolactam	80.0	80.0	27.8	*	23.6	
4-Chloro-3-methylphenol	80.0	80.0	62.6		72.8	
2-Methylnaphthalene	80.0	80.0	65.8		74.1	
Hexachlorobenzene	80.0	80.0	88.2	*	98.8	*
Hexachlorocyclopentadiene	80.0	80.0	58.8		70.2	
2,4,6-Trichlorophenol	80.0	80.0	78.4		83.0	
2,4,5-Trichlorophenol	80.0	80.0	75.9		86.1	
Diphenyl	80.0	80.0	68.5		72.8	
2-Chloronaphthalene	80.0	80.0	68.6		76.4	
2-Nitroaniline	80.0	80.0	48.1	*	57.6	*
2,6-Dinitrotoluene	80.0	80.0	72.7		82.6	
Dimethyl phthalate	80.0	80.0	70.0		79.4	
Acenaphthylene	80.0	80.0	68.2		75.3	
3-Nitroaniline	80.0	80.0	76.7		90.0	*
Acenaphthene	80.0	80.0	67.2		74.8	
4-Nitrophenol	80.0	80.0	34.3		31.6	
2,4-Dinitrophenol	80.0	80.0	77.7		86.9	
Dibenzofuran	80.0	80.0	66.0		76.4	
Diethyl phthalate	80.0	80.0	66.2		76.6	
Fluorene	80.0	80.0	71.1		77.1	

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-181657

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-181657/2-A	Units: ug/L		LCSD Lab Sample ID:	LCSD 460-181657/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/19/2013 1548			Analysis Date:	09/20/2013 1615
Prep Date:	09/17/2013 0327			Prep Date:	09/17/2013 0327
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	75.3	82.6	
Di-n-butyl phthalate	80.0	80.0	67.8	74.5	
2,4-Dinitrotoluene	80.0	80.0	71.3	83.9	
4-Chlorophenyl phenyl ether	80.0	80.0	69.4	83.1	
4-Nitroaniline	80.0	80.0	82.1	88.6	
4,6-Dinitro-2-methylphenol	80.0	80.0	84.3	102	*
4-Bromophenyl phenyl ether	80.0	80.0	70.4	86.7	
Atrazine	80.0	80.0	53.3	64.4	
Anthracene	80.0	80.0	71.3	82.9	
Carbazole	80.0	80.0	74.0	78.5	
Phenanthrene	80.0	80.0	72.0	80.6	
Pentachlorophenol	80.0	80.0	83.0	97.3	*
Pyrene	80.0	80.0	59.6	70.6	
Chrysene	80.0	80.0	68.7	72.0	
Benzo[k]fluoranthene	80.0	80.0	73.9	82.0	
Benzo[g,h,i]perylene	80.0	80.0	73.1	73.1	
Benzo[b]fluoranthene	80.0	80.0	74.1	84.5	
Benzo[a]pyrene	80.0	80.0	72.5	82.9	*
Benzo[a]anthracene	80.0	80.0	70.1	77.0	
N-Nitrosodiphenylamine	80.0	80.0	74.7	81.9	
Butyl benzyl phthalate	80.0	80.0	59.7	65.2	
Bis(2-ethylhexyl) phthalate	80.0	80.0	56.3	65.7	
Di-n-octyl phthalate	80.0	80.0	63.7	66.9	
Indeno[1,2,3-cd]pyrene	80.0	80.0	73.6	81.3	
Dibenz(a,h)anthracene	80.0	80.0	75.9	75.8	
3,3'-Dichlorobenzidine	80.0	80.0	83.4	86.0	
1,2,4,5-Tetrachlorobenzene	80.0	80.0	67.1	73.5	
2,3,4,6-Tetrachlorophenol	80.0	80.0	77.5	88.2	

Client: Antea USA, Inc.

Job Number: 460-62968-1

Method Blank - Batch: 460-181442

Method: 8082
Preparation: 3546

Lab Sample ID:	MB 460-181442/1-A	Analysis Batch:	460-181491	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-181442	Lab File ID:	OR208064.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2013 0941	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/16/2013 0432			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	117	45 - 138

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	116	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Control Sample - Batch: 460-181442 **Method: 8082**
Preparation: 3546

Lab Sample ID:	LCS 460-181442/2-A	Analysis Batch:	460-181491	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-181442	Lab File ID:	OR208065.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2013 0957	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/16/2013 0432			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	373	112	75 - 150	
Aroclor 1260	333	372	112	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	118	45 - 138

Lab Control Sample - Batch: 460-181442 **Method: 8082**
Preparation: 3546

Lab Sample ID:	LCS 460-181442/2-A	Analysis Batch:	460-181491	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-181442	Lab File ID:	OR208065.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2013 0957	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/16/2013 0432			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	371	111	75 - 150	
Aroclor 1260	333	367	110	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	118	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181442

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-62968-1	Analysis Batch:	460-181491	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-181442	Lab File ID:	OR208067.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2013 1043			Final Weight/Volume:	10 mL
Prep Date:	09/16/2013 0432			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-62968-1	Analysis Batch:	460-181491	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-181442	Lab File ID:	OR208068.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2013 1100			Final Weight/Volume:	10 mL
Prep Date:	09/16/2013 0432			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	133	133	75 - 150	0	30		
Aroclor 1260	94	95	72 - 150	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	85	89	45 - 138

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181442

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-62968-1	Analysis Batch:	460-181491	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-181442	Lab File ID:	OR208067.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2013 1043			Final Weight/Volume:	10 mL
Prep Date:	09/16/2013 0432			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-62968-1	Analysis Batch:	460-181491	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-181442	Lab File ID:	OR208068.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2013 1100			Final Weight/Volume:	10 mL
Prep Date:	09/16/2013 0432			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	118	123	75 - 150	4	30		
Aroclor 1260	89	92	72 - 150	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	87	91	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181442

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-62968-1	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	09/16/2013 1043		
Prep Date:	09/16/2013 0432		
Leach Date:	N/A		

MSD Lab Sample ID:	460-62968-1
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	09/16/2013 1100
Prep Date:	09/16/2013 0432
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	16	U	346	346	461	459
Aroclor 1260	20	U	346	346	327	330

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181442

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-62968-1	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	09/16/2013 1043		
Prep Date:	09/16/2013 0432		
Leach Date:	N/A		

MSD Lab Sample ID:	460-62968-1
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	09/16/2013 1100
Prep Date:	09/16/2013 0432
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	16	U	346	346	408	424
Aroclor 1260	20	U	346	346	310	320

Client: Antea USA, Inc. Job Number: 460-62968-1

Method Blank - Batch: 460-181446

Method: 8082
Preparation: 3546

Lab Sample ID:	MB 460-181446/1-A	Analysis Batch:	460-181549	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-181446	Lab File ID:	VR489391.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2013 1213	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/16/2013 0437			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	110	45 - 138

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	83	45 - 138

Lab Control Sample - Batch: 460-181446 **Method: 8082**
Preparation: 3546

Lab Sample ID:	LCS 460-181446/2-A	Analysis Batch:	460-181549	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-181446	Lab File ID:	VR489392.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2013 1229	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/16/2013 0437			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	429	129	75 - 150	
Aroclor 1260	333	389	117	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	127	45 - 138

Lab Control Sample - Batch: 460-181446 **Method: 8082**
Preparation: 3546

Lab Sample ID:	LCS 460-181446/2-A	Analysis Batch:	460-181549	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-181446	Lab File ID:	VR489392.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/16/2013 1229	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/16/2013 0437			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	411	123	75 - 150	
Aroclor 1260	333	349	105	72 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	96	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181446

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-62968-21	Analysis Batch:	460-181549	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-181446	Lab File ID:	VR489400.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/16/2013 1504			Final Weight/Volume:	10 mL
Prep Date:	09/16/2013 0437			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-62968-21	Analysis Batch:	460-181549	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-181446	Lab File ID:	VR489401.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/16/2013 1520			Final Weight/Volume:	10 mL
Prep Date:	09/16/2013 0437			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	3393	3469	75 - 150	2	30	F	F
Aroclor 1260	156	177	72 - 150	2	30	4	4

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	0	X	0	X	45 - 138

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181446

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-62968-21	Analysis Batch:	460-181549	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-181446	Lab File ID:	VR489400.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/16/2013 1504			Final Weight/Volume:	10 mL
Prep Date:	09/16/2013 0437			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-62968-21	Analysis Batch:	460-181549	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-181446	Lab File ID:	VR489401.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/16/2013 1520			Final Weight/Volume:	10 mL
Prep Date:	09/16/2013 0437			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	2645	2704	75 - 150	2	30	F	F
Aroclor 1260	149	169	72 - 150	2	30	4	4

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	0	X	0	X	45 - 138

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181446

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-62968-21	Units:	ug/Kg	MSD Lab Sample ID:	460-62968-21
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	10			Dilution:	10
Analysis Date:	09/16/2013 1504			Analysis Date:	09/16/2013 1520
Prep Date:	09/16/2013 0437			Prep Date:	09/16/2013 0437
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	170	U	386	386	13100	F	13400	F
Aroclor 1260	2800		386	386	3380	4	3460	4

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181446

Method: 8082
Preparation: 3546

MS Lab Sample ID:	460-62968-21	Units:	ug/Kg	MSD Lab Sample ID:	460-62968-21
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	10			Dilution:	10
Analysis Date:	09/16/2013 1504			Analysis Date:	09/16/2013 1520
Prep Date:	09/16/2013 0437			Prep Date:	09/16/2013 0437
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	170	U	386	386	10200	F	10400	F
Aroclor 1260	2700		386	386	3290	4	3370	4

Client: Antea USA, Inc. Job Number: 460-62968-1

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: 460-62968-1

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: 460-62968-1

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: 460-62968-1

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: 460-62968-1

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: 460-62968-1

Method Blank - Batch: 460-181552

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-181552/1-A	Analysis Batch:	460-181694	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181552	Lab File ID:	GC2F5274.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 1040	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1254			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	73	50 - 105
Chlorobenzene	58	40 - 80

Lab Control Sample - Batch: 460-181552

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-181552/2-A	Analysis Batch:	460-181694	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181552	Lab File ID:	GC2F5275.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/17/2013 1055	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1254			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	121	90	56 - 113	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	82	50 - 105
Chlorobenzene	70	40 - 80

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181552

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-62968-1	Analysis Batch:	460-181694	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181552	Lab File ID:	GC2F5276.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/17/2013 1109			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1254			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-62968-1	Analysis Batch:	460-181694	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-181552	Lab File ID:	GC2F5277.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/17/2013 1124			Final Weight/Volume:	1 mL
Prep Date:	09/16/2013 1254			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)	105	97	56 - 113	7	40		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	73	60	50 - 105
Chlorobenzene	53	46	40 - 80

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181552

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-62968-1	Units:	mg/Kg	MSD Lab Sample ID:	460-62968-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/17/2013 1109			Analysis Date:	09/17/2013 1124
Prep Date:	09/16/2013 1254			Prep Date:	09/16/2013 1254
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)	19	142	142	169	158

Client: Antea USA, Inc. Job Number: 460-62968-1

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: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181553

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-62968-35	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:	460-62968-35	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:	460-62968-35	Units:	mg/Kg	MSD Lab Sample ID:	460-62968-35
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/17/2013 1830			Analysis Date:	09/17/2013 1845
Prep Date:	09/16/2013 1259			Prep Date:	09/16/2013 1259
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	92.1	81.5

Client: Antea USA, Inc. Job Number: 460-62968-1

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: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-181994

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-62993-E-15-D MS	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-E-15-E MSD	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-E-15-D MS	Units:	mg/Kg	MSD Lab Sample ID:	460-62993-E-15-E MSD
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: 460-62968-1

Duplicate - Batch: 460-181599

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-62968-36	Analysis Batch:	460-181599	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 1623	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	11.7	12.0	3	20	
Percent Solids	88.3	88.0	0.3	20	

Client: Antea USA, Inc. Job Number: 460-62968-1

Duplicate - Batch: 460-181601

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-63014-A-1 DU	Analysis Batch:	460-181601	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 1635	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	17.2	17.2	0	20	
Percent Solids	82.8	82.8	0	20	

Client: Antea USA, Inc. Job Number: 460-62968-1

Duplicate - Batch: 460-181832

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-62968-17	Analysis Batch:	460-181832	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 1621	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	5.5	5.4	3	20	
Percent Solids	94.5	94.6	0.2	20	

Client: Antea USA, Inc. Job Number: 460-62968-1

Duplicate - Batch: 460-181835

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-62993-E-8 DU	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: 460-62968-1

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: 460-62968-1

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: 460-62968-1

Method Blank - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-182249/5	Analysis Batch:	460-182249	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091913A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/19/2013 1456	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 460-181620/1-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:	460-181620	Initial Weight/Volume:	
Analysis Date:	09/19/2013 1456	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	09/16/2013 1500				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

Method Blank - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-182249/29	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 1524	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: 460-62968-1

TCLP SPLPE Leachate Blank - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	LB 460-181620/1-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:	460-181620	Initial Weight/Volume:	
Analysis Date:	09/19/2013 1524	Units:	mg/Kg	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	09/16/2013 1500				

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

Method Blank - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-182249/53	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 1550	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 1550	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

Client: Antea USA, Inc. Job Number: 460-62968-1

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 1550	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

Method Blank - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID:	MB 460-182249/73	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 1606	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 1606	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

Client: Antea USA, Inc. Job Number: 460-62968-1

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

LCS-Certified Reference Material - Batch: 460-182249 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LCSSRM 460-182249/6	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 1456	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	66.83	94.0	90.2 - 110.0	

LCS-Certified Reference Material - Batch: 460-182249 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LCSSRM 460-182249/30	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 1524	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	68.26	96.0	90.2 - 110.0	

LCS-Certified Reference Material - Batch: 460-182249 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LCSSRM 460-182249/54	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 1550	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	67.14	94.4	90.2 - 110.0	

LCS-Certified Reference Material - Batch: 460-182249 **Method: SM 4500 Cl- E**
Preparation: N/A

Lab Sample ID:	LCSSRM 460-182249/74	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 1606	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	68.58	96.5	90.2 - 110.0	

Client: Antea USA, Inc. Job Number: 460-62968-1

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	

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62968-1	Analysis Batch:	460-182249	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091913A.xls
Dilution:	1.0	Leach Batch:	460-181620	Initial Weight/Volume:	
Analysis Date:	09/19/2013 1514			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/16/2013 1500				

MSD Lab Sample ID:	460-62968-1	Analysis Batch:	460-182249	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091913A.xls
Dilution:	1.0	Leach Batch:	460-181620	Initial Weight/Volume:	
Analysis Date:	09/19/2013 1514			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/16/2013 1500				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM Leach	99	100	90 - 110	1	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62968-10	Analysis Batch:	460-182249	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091913A.xls
Dilution:	1.0	Leach Batch:	460-181620	Initial Weight/Volume:	
Analysis Date:	09/19/2013 1540			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/16/2013 1500				

MSD Lab Sample ID:	460-62968-10	Analysis Batch:	460-182249	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL091913A.xls
Dilution:	1.0	Leach Batch:	460-181620	Initial Weight/Volume:	
Analysis Date:	09/19/2013 1540			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/16/2013 1500				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride-ASTM Leach	101	100	90 - 110	1	10		

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62968-19	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 1553			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/17/2013 1500				

MSD Lab Sample ID:	460-62968-19	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 1553			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	100	101	90 - 110	1	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62968-28	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 1610			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	09/17/2013 1500				

MSD Lab Sample ID:	460-62968-28	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 1610			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	99	99	90 - 110	1	10		

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62968-37	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:	460-62968-37	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		

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62968-1	Units:	mg/Kg	MSD Lab Sample ID:	460-62968-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/19/2013 1514			Analysis Date:	09/19/2013 1514
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	09/16/2013 1500			Leach Date:	09/16/2013 1500

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM Leach	58.2	U	999	999	993.6	998.6

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62968-10	Units:	mg/Kg	MSD Lab Sample ID:	460-62968-10
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/19/2013 1540			Analysis Date:	09/19/2013 1540
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	09/16/2013 1500			Leach Date:	09/16/2013 1500

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM Leach	58.1	U	997	997	1005	992.5

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62968-19	Units:	mg/Kg	MSD Lab Sample ID:	460-62968-19
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/19/2013 1553			Analysis Date:	09/19/2013 1553
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	998.1	1008

Client: Antea USA, Inc. Job Number: 460-62968-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62968-28	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	09/19/2013 1610		
Prep Date:	N/A		
Leach Date:	09/17/2013 1500		

MSD Lab Sample ID:	460-62968-28
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	09/19/2013 1610
Prep Date:	N/A
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	58.2	U	1000	1000	986.9	994.2

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-182249

Method: SM 4500 Cl- E
Preparation: N/A

MS Lab Sample ID:	460-62968-37	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	09/19/2013 1624		
Prep Date:	N/A		
Leach Date:	09/17/2013 1500		

MSD Lab Sample ID:	460-62968-37
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	09/19/2013 1624
Prep Date:	N/A
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

DATA REPORTING QUALIFIERS

Client: Antea USA, Inc. Job Number: 460-62968-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
	N	This flag indicates the presumptive evidence of a compound.
GC/MS Semi VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	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: 460-62968-1

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.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-181017					
460-62858-D-13-A MS	Matrix Spike	T	Solid	5035	
460-62858-D-13-A MSD	Matrix Spike Duplicate	T	Solid	5035	
Prep Batch: 460-181329					
460-62968-6	PMP-19SE-WT	T	Solid	5035	
460-62968-6MS	Matrix Spike	T	Solid	5035	
460-62968-6MSD	Matrix Spike Duplicate	T	Solid	5035	
460-62968-9	PMP-26SE-WT	T	Solid	5035	
460-62968-12	PMP-18SE-WT	T	Solid	5035	
460-62968-18	PMP-16SE-WT	T	Solid	5035	
460-62968-19	PMP-16SE-SI	T	Solid	5035	
460-62968-26	PMP-9SE-SI	T	Solid	5035	
460-62968-27	PMP-24SE-VS	T	Solid	5035	
460-62968-28	PMP-24SE-VD	T	Solid	5035	
460-62968-29	PMP-24SE-WT	T	Solid	5035	
460-62968-30	PMP-24SE-SI	T	Solid	5035	
460-62968-32	PMP-2SE-WT	T	Solid	5035	
460-62968-33	PMP-2SE-SI	T	Solid	5035	

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-181338					
460-62968-1	PMP-27SE-VD	T	Solid	5035	
460-62968-2	PMP-27SE-WT	T	Solid	5035	
460-62968-3	PMP-27SE-SI	T	Solid	5035	
460-62968-4	PMP-27SE-SD	T	Solid	5035	
460-62968-5	PMP-19SE-VD	T	Solid	5035	
460-62968-7	PMP-19SE-SI	T	Solid	5035	
460-62968-8	PMP-26SE-VD	T	Solid	5035	
460-62968-10	PMP-26SE-SI	T	Solid	5035	
460-62968-11	PMP-18SE-VD	T	Solid	5035	
460-62968-13	PMP-18SE-SI	T	Solid	5035	
460-62968-14	PMP-17SE-VD	T	Solid	5035	
460-62968-15	PMP-17SE-WT	T	Solid	5035	
460-62968-16	PMP-17SE-SI	T	Solid	5035	
460-62968-17	PMP-16SE-VD	T	Solid	5035	
460-62968-20	PMP-28SE-VD	T	Solid	5035	
460-62968-21	PMP-28SE-WT	T	Solid	5035	
460-62968-22	PMP-28SE-SI	T	Solid	5035	
460-62968-23	PMP-28SE-SD	T	Solid	5035	
460-62968-24	PMP-9SE-VD	T	Solid	5035	
460-62968-25	PMP-9SE-WT	T	Solid	5035	
460-62968-31	PMP-2SE-VD	T	Solid	5035	
460-62968-34	PMP-22SE-VS	T	Solid	5035	
460-62968-35	PMP-22SE-VD	T	Solid	5035	
460-62968-36	PMP-22SE-WT	T	Solid	5035	
460-62968-37	PMP-23SE-VS	T	Solid	5035	
460-62968-38	PMP-23SE-VD	T	Solid	5035	
460-62968-39	PMP-23SE-WT	T	Solid	5035	
460-62968-41TB	Trip Blank	T	Solid	5035	
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:460-181887					
LCS 460-181887/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-181887/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-181887/6	Method Blank	T	Solid	8260B	
460-62968-2	PMP-27SE-WT	T	Solid	8260B	460-181338

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-182028					
LCS 460-182028/5	Lab Control Sample	T	Solid	8260B	
LCSD 460-182028/6	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-182028/8	Method Blank	T	Solid	8260B	
460-62968-1	PMP-27SE-VD	T	Solid	8260B	460-181338
460-62968-4	PMP-27SE-SD	T	Solid	8260B	460-181338
460-62968-8	PMP-26SE-VD	T	Solid	8260B	460-181338
460-62968-10	PMP-26SE-SI	T	Solid	8260B	460-181338
460-62968-11	PMP-18SE-VD	T	Solid	8260B	460-181338
460-62968-13	PMP-18SE-SI	T	Solid	8260B	460-181338
460-62968-21	PMP-28SE-WT	T	Solid	8260B	460-181338
460-62968-22	PMP-28SE-SI	T	Solid	8260B	460-181338
460-62968-25	PMP-9SE-WT	T	Solid	8260B	460-181338
Analysis Batch:460-182051					
LCS 460-182051/4	Lab Control Sample	T	Water	8260B	
MB 460-182051/6	Method Blank	T	Water	8260B	
460-62968-40	FB-091213	T	Water	8260B	
460-62990-A-6 MS	Matrix Spike	T	Water	8260B	
460-62990-A-6 MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:460-182063					
LCS 460-182063/3	Lab Control Sample	T	Solid	8260B	
MB 460-182063/5	Method Blank	T	Solid	8260B	
460-62858-D-13-A MS	Matrix Spike	T	Solid	8260B	460-181017
460-62858-D-13-A MSD	Matrix Spike Duplicate	T	Solid	8260B	460-181017
460-62968-9	PMP-26SE-WT	T	Solid	8260B	460-181329
460-62968-12	PMP-18SE-WT	T	Solid	8260B	460-181329
460-62968-26	PMP-9SE-SI	T	Solid	8260B	460-181329
460-62968-27	PMP-24SE-VS	T	Solid	8260B	460-181329
460-62968-29	PMP-24SE-WT	T	Solid	8260B	460-181329
460-62968-30	PMP-24SE-SI	T	Solid	8260B	460-181329
460-62968-33	PMP-2SE-SI	T	Solid	8260B	460-181329

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-182082					
LCS 460-182082/4	Lab Control Sample	T	Solid	8260B	
LCSD 460-182082/5	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-182082/7	Method Blank	T	Solid	8260B	
460-62968-5	PMP-19SE-VD	T	Solid	8260B	460-181338
460-62968-14	PMP-17SE-VD	T	Solid	8260B	460-181338
460-62968-20	PMP-28SE-VD	T	Solid	8260B	460-181338
460-62968-23	PMP-28SE-SD	T	Solid	8260B	460-181338
460-62968-24	PMP-9SE-VD	T	Solid	8260B	460-181338
460-62968-36	PMP-22SE-WT	T	Solid	8260B	460-181338
460-62968-37	PMP-23SE-VS	T	Solid	8260B	460-181338
460-62968-39	PMP-23SE-WT	T	Solid	8260B	460-181338
460-62968-41TB	Trip Blank	T	Solid	8260B	460-181338
Analysis Batch:460-182095					
LCS 460-182095/5	Lab Control Sample	T	Solid	8260B	
MB 460-182095/8	Method Blank	T	Solid	8260B	
460-62968-6	PMP-19SE-WT	T	Solid	8260B	460-181329
460-62968-6MS	Matrix Spike	T	Solid	8260B	460-181329
460-62968-6MSD	Matrix Spike Duplicate	T	Solid	8260B	460-181329
460-62968-18	PMP-16SE-WT	T	Solid	8260B	460-181329
460-62968-28	PMP-24SE-VD	T	Solid	8260B	460-181329
Analysis Batch:460-182221					
LCS 460-182221/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-182221/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-182221/5	Method Blank	T	Solid	8260B	
460-62968-3	PMP-27SE-SI	T	Solid	8260B	460-181338
460-62968-7	PMP-19SE-SI	T	Solid	8260B	460-181338
460-62968-15	PMP-17SE-WT	T	Solid	8260B	460-181338
460-62968-16	PMP-17SE-SI	T	Solid	8260B	460-181338
460-62968-17	PMP-16SE-VD	T	Solid	8260B	460-181338
460-62968-35	PMP-22SE-VD	T	Solid	8260B	460-181338
460-62968-38	PMP-23SE-VD	T	Solid	8260B	460-181338
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
460-62968-19	PMP-16SE-SI	T	Solid	8260B	460-181329
460-62968-32	PMP-2SE-WT	T	Solid	8260B	460-181329

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-182467					
LCS 460-182467/4	Lab Control Sample	T	Solid	8260B	
LCSD 460-182467/5	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-182467/8	Method Blank	T	Solid	8260B	
460-62968-31	PMP-2SE-VD	T	Solid	8260B	460-181338
460-62968-34	PMP-22SE-VS	T	Solid	8260B	460-181338

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-181416					
LCS 460-181416/2-A	Lab Control Sample	T	Solid	3541	
MB 460-181416/1-A	Method Blank	T	Solid	3541	
460-62968-14	PMP-17SE-VD	T	Solid	3541	
460-62968-15	PMP-17SE-WT	T	Solid	3541	
460-62968-16	PMP-17SE-SI	T	Solid	3541	
460-62968-17	PMP-16SE-VD	T	Solid	3541	
460-62968-18	PMP-16SE-WT	T	Solid	3541	
460-62968-19	PMP-16SE-SI	T	Solid	3541	
460-62968-20	PMP-28SE-VD	T	Solid	3541	
460-62968-21	PMP-28SE-WT	T	Solid	3541	
460-62968-22	PMP-28SE-SI	T	Solid	3541	
460-62968-23	PMP-28SE-SD	T	Solid	3541	
460-62968-24	PMP-9SE-VD	T	Solid	3541	
460-62968-25	PMP-9SE-WT	T	Solid	3541	
460-63019-A-6-C MS	Matrix Spike	T	Solid	3541	
460-63019-A-6-D MSD	Matrix Spike Duplicate	T	Solid	3541	
Prep Batch: 460-181497					
LCS 460-181497/2-A	Lab Control Sample	T	Solid	3541	
MB 460-181497/1-A	Method Blank	T	Solid	3541	
460-62968-1	PMP-27SE-VD	T	Solid	3541	
460-62968-1MS	Matrix Spike	T	Solid	3541	
460-62968-1MSD	Matrix Spike Duplicate	T	Solid	3541	
460-62968-2	PMP-27SE-WT	T	Solid	3541	
460-62968-3	PMP-27SE-SI	T	Solid	3541	
460-62968-4	PMP-27SE-SD	T	Solid	3541	
460-62968-5	PMP-19SE-VD	T	Solid	3541	
460-62968-6	PMP-19SE-WT	T	Solid	3541	
460-62968-7	PMP-19SE-SI	T	Solid	3541	
460-62968-8	PMP-26SE-VD	T	Solid	3541	
460-62968-9	PMP-26SE-WT	T	Solid	3541	
460-62968-10	PMP-26SE-SI	T	Solid	3541	
460-62968-11	PMP-18SE-VD	T	Solid	3541	
460-62968-12	PMP-18SE-WT	T	Solid	3541	
460-62968-13	PMP-18SE-SI	T	Solid	3541	
460-62968-26	PMP-9SE-SI	T	Solid	3541	
460-62968-27	PMP-24SE-VS	T	Solid	3541	
460-62968-28	PMP-24SE-VD	T	Solid	3541	
460-62968-29DL	PMP-24SE-WT	T	Solid	3541	
460-62968-30	PMP-24SE-SI	T	Solid	3541	
460-62968-31	PMP-2SE-VD	T	Solid	3541	

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-181498					
LCS 460-181498/2-A	Lab Control Sample	T	Solid	3541	
MB 460-181498/1-A	Method Blank	T	Solid	3541	
460-62968-32	PMP-2SE-WT	T	Solid	3541	
460-62968-33	PMP-2SE-SI	T	Solid	3541	
460-62968-34	PMP-22SE-VS	T	Solid	3541	
460-62968-35	PMP-22SE-VD	T	Solid	3541	
460-62968-35MS	Matrix Spike	T	Solid	3541	
460-62968-35MSD	Matrix Spike Duplicate	T	Solid	3541	
460-62968-36	PMP-22SE-WT	T	Solid	3541	
460-62968-37	PMP-23SE-VS	T	Solid	3541	
460-62968-38	PMP-23SE-VD	T	Solid	3541	
460-62968-39	PMP-23SE-WT	T	Solid	3541	
Analysis Batch:460-181524					
LCS 460-181416/2-A	Lab Control Sample	T	Solid	8270C	460-181416
MB 460-181416/1-A	Method Blank	T	Solid	8270C	460-181416
460-62968-14	PMP-17SE-VD	T	Solid	8270C	460-181416
460-62968-15	PMP-17SE-WT	T	Solid	8270C	460-181416
460-62968-16	PMP-17SE-SI	T	Solid	8270C	460-181416
460-62968-17	PMP-16SE-VD	T	Solid	8270C	460-181416
460-62968-18	PMP-16SE-WT	T	Solid	8270C	460-181416
460-62968-19	PMP-16SE-SI	T	Solid	8270C	460-181416
460-62968-20	PMP-28SE-VD	T	Solid	8270C	460-181416
460-62968-21	PMP-28SE-WT	T	Solid	8270C	460-181416
460-62968-22	PMP-28SE-SI	T	Solid	8270C	460-181416
460-62968-23	PMP-28SE-SD	T	Solid	8270C	460-181416
460-62968-24	PMP-9SE-VD	T	Solid	8270C	460-181416
460-62968-25	PMP-9SE-WT	T	Solid	8270C	460-181416
460-63019-A-6-C MS	Matrix Spike	T	Solid	8270C	460-181416
460-63019-A-6-D MSD	Matrix Spike Duplicate	T	Solid	8270C	460-181416
Prep Batch: 460-181657					
LCS 460-181657/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-181657/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-181657/1-A	Method Blank	T	Water	3510C	
460-62968-40	FB-091213	T	Water	3510C	
Analysis Batch:460-181752					
LCS 460-181498/2-A	Lab Control Sample	T	Solid	8270C	460-181498
MB 460-181498/1-A	Method Blank	T	Solid	8270C	460-181498
Analysis Batch:460-181879					
MB 460-181657/1-A	Method Blank	T	Water	8270C	460-181657
460-62968-40	FB-091213	T	Water	8270C	460-181657

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-182070					
LCS 460-181497/2-A	Lab Control Sample	T	Solid	8270C	460-181497
MB 460-181497/1-A	Method Blank	T	Solid	8270C	460-181497
460-62968-1	PMP-27SE-VD	T	Solid	8270C	460-181497
460-62968-2	PMP-27SE-WT	T	Solid	8270C	460-181497
460-62968-3	PMP-27SE-SI	T	Solid	8270C	460-181497
460-62968-5	PMP-19SE-VD	T	Solid	8270C	460-181497
460-62968-6	PMP-19SE-WT	T	Solid	8270C	460-181497
460-62968-7	PMP-19SE-SI	T	Solid	8270C	460-181497
460-62968-8	PMP-26SE-VD	T	Solid	8270C	460-181497
460-62968-10	PMP-26SE-SI	T	Solid	8270C	460-181497
460-62968-11	PMP-18SE-VD	T	Solid	8270C	460-181497
460-62968-12	PMP-18SE-WT	T	Solid	8270C	460-181497
460-62968-13	PMP-18SE-SI	T	Solid	8270C	460-181497
460-62968-26	PMP-9SE-SI	T	Solid	8270C	460-181497
460-62968-30	PMP-24SE-SI	T	Solid	8270C	460-181497
Analysis Batch:460-182076					
LCS 460-181657/2-A	Lab Control Sample	T	Water	8270C	460-181657
Analysis Batch:460-182194					
460-62968-1MS	Matrix Spike	T	Solid	8270C	460-181497
460-62968-1MSD	Matrix Spike Duplicate	T	Solid	8270C	460-181497
460-62968-4	PMP-27SE-SD	T	Solid	8270C	460-181497
460-62968-9	PMP-26SE-WT	T	Solid	8270C	460-181497
460-62968-27	PMP-24SE-VS	T	Solid	8270C	460-181497
Analysis Batch:460-182252					
460-62968-33	PMP-2SE-SI	T	Solid	8270C	460-181498
460-62968-34	PMP-22SE-VS	T	Solid	8270C	460-181498
460-62968-35	PMP-22SE-VD	T	Solid	8270C	460-181498
460-62968-35MS	Matrix Spike	T	Solid	8270C	460-181498
460-62968-35MSD	Matrix Spike Duplicate	T	Solid	8270C	460-181498
460-62968-36	PMP-22SE-WT	T	Solid	8270C	460-181498
460-62968-38	PMP-23SE-VD	T	Solid	8270C	460-181498
460-62968-39	PMP-23SE-WT	T	Solid	8270C	460-181498
Analysis Batch:460-182283					
460-62968-29DL	PMP-24SE-WT	T	Solid	8270C	460-181497
460-62968-31	PMP-2SE-VD	T	Solid	8270C	460-181497
Analysis Batch:460-182381					
LCSD 460-181657/3-A	Lab Control Sample Duplicate	T	Water	8270C	460-181657

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-182394					
460-62968-32	PMP-2SE-WT	T	Solid	8270C	460-181498
460-62968-37	PMP-23SE-VS	T	Solid	8270C	460-181498
Analysis Batch:460-182720					
460-62968-28	PMP-24SE-VD	T	Solid	8270C	460-181497

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-181442					
LCS 460-181442/2-A	Lab Control Sample	T	Solid	3546	
MB 460-181442/1-A	Method Blank	T	Solid	3546	
460-62968-1	PMP-27SE-VD	T	Solid	3546	
460-62968-1MS	Matrix Spike	T	Solid	3546	
460-62968-1MSD	Matrix Spike Duplicate	T	Solid	3546	
460-62968-2	PMP-27SE-WT	T	Solid	3546	
460-62968-3	PMP-27SE-SI	T	Solid	3546	
460-62968-4	PMP-27SE-SD	T	Solid	3546	
460-62968-5	PMP-19SE-VD	T	Solid	3546	
460-62968-6	PMP-19SE-WT	T	Solid	3546	
460-62968-7	PMP-19SE-SI	T	Solid	3546	
460-62968-8	PMP-26SE-VD	T	Solid	3546	
460-62968-9	PMP-26SE-WT	T	Solid	3546	
460-62968-10	PMP-26SE-SI	T	Solid	3546	
460-62968-11	PMP-18SE-VD	T	Solid	3546	
460-62968-12	PMP-18SE-WT	T	Solid	3546	
460-62968-13	PMP-18SE-SI	T	Solid	3546	
460-62968-14	PMP-17SE-VD	T	Solid	3546	
460-62968-15	PMP-17SE-WT	T	Solid	3546	
460-62968-16	PMP-17SE-SI	T	Solid	3546	
460-62968-17	PMP-16SE-VD	T	Solid	3546	
460-62968-18	PMP-16SE-WT	T	Solid	3546	
460-62968-19	PMP-16SE-SI	T	Solid	3546	
460-62968-20	PMP-28SE-VD	T	Solid	3546	

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-181446					
LCS 460-181446/2-A	Lab Control Sample	T	Solid	3546	
MB 460-181446/1-A	Method Blank	T	Solid	3546	
460-62968-21	PMP-28SE-WT	T	Solid	3546	
460-62968-21MS	Matrix Spike	T	Solid	3546	
460-62968-21MSD	Matrix Spike Duplicate	T	Solid	3546	
460-62968-22	PMP-28SE-SI	T	Solid	3546	
460-62968-23	PMP-28SE-SD	T	Solid	3546	
460-62968-24	PMP-9SE-VD	T	Solid	3546	
460-62968-25	PMP-9SE-WT	T	Solid	3546	
460-62968-26	PMP-9SE-SI	T	Solid	3546	
460-62968-27	PMP-24SE-VS	T	Solid	3546	
460-62968-28	PMP-24SE-VD	T	Solid	3546	
460-62968-29	PMP-24SE-WT	T	Solid	3546	
460-62968-30	PMP-24SE-SI	T	Solid	3546	
460-62968-31	PMP-2SE-VD	T	Solid	3546	
460-62968-32	PMP-2SE-WT	T	Solid	3546	
460-62968-33	PMP-2SE-SI	T	Solid	3546	
460-62968-34	PMP-22SE-VS	T	Solid	3546	
460-62968-35	PMP-22SE-VD	T	Solid	3546	
460-62968-36	PMP-22SE-WT	T	Solid	3546	
460-62968-37	PMP-23SE-VS	T	Solid	3546	
460-62968-38	PMP-23SE-VD	T	Solid	3546	
460-62968-39	PMP-23SE-WT	T	Solid	3546	
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	
460-62968-40	FB-091213	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	
460-62968-40	FB-091213	T	Water	3510C	
Analysis Batch:460-181491					
LCS 460-181442/2-A	Lab Control Sample	T	Solid	8082	460-181442
MB 460-181442/1-A	Method Blank	T	Solid	8082	460-181442
460-62968-1	PMP-27SE-VD	T	Solid	8082	460-181442
460-62968-1MS	Matrix Spike	T	Solid	8082	460-181442
460-62968-1MSD	Matrix Spike Duplicate	T	Solid	8082	460-181442

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-181549					
LCS 460-181446/2-A	Lab Control Sample	T	Solid	8082	460-181446
MB 460-181446/1-A	Method Blank	T	Solid	8082	460-181446
460-62968-21	PMP-28SE-WT	T	Solid	8082	460-181446
460-62968-21MS	Matrix Spike	T	Solid	8082	460-181446
460-62968-21MSD	Matrix Spike Duplicate	T	Solid	8082	460-181446
460-62968-22	PMP-28SE-SI	T	Solid	8082	460-181446
460-62968-23	PMP-28SE-SD	T	Solid	8082	460-181446
Prep Batch: 460-181552					
LCS 460-181552/2-A	Lab Control Sample	T	Solid	3546	
MB 460-181552/1-A	Method Blank	T	Solid	3546	
460-62968-1	PMP-27SE-VD	T	Solid	3546	
460-62968-1MS	Matrix Spike	T	Solid	3546	
460-62968-1MSD	Matrix Spike Duplicate	T	Solid	3546	
460-62968-4	PMP-27SE-SD	T	Solid	3546	
460-62968-5	PMP-19SE-VD	T	Solid	3546	
460-62968-6	PMP-19SE-WT	T	Solid	3546	
460-62968-7	PMP-19SE-SI	T	Solid	3546	
460-62968-8	PMP-26SE-VD	T	Solid	3546	
460-62968-9	PMP-26SE-WT	T	Solid	3546	
460-62968-11	PMP-18SE-VD	T	Solid	3546	
460-62968-12	PMP-18SE-WT	T	Solid	3546	
460-62968-13	PMP-18SE-SI	T	Solid	3546	
460-62968-14	PMP-17SE-VD	T	Solid	3546	
460-62968-15	PMP-17SE-WT	T	Solid	3546	
460-62968-17	PMP-16SE-VD	T	Solid	3546	
460-62968-18	PMP-16SE-WT	T	Solid	3546	
460-62968-20	PMP-28SE-VD	T	Solid	3546	

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
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	
460-62968-21	PMP-28SE-WT	T	Solid	3546	
460-62968-24	PMP-9SE-VD	T	Solid	3546	
460-62968-25	PMP-9SE-WT	T	Solid	3546	
460-62968-26	PMP-9SE-SI	T	Solid	3546	
460-62968-27	PMP-24SE-VS	T	Solid	3546	
460-62968-28	PMP-24SE-VD	T	Solid	3546	
460-62968-29	PMP-24SE-WT	T	Solid	3546	
460-62968-30	PMP-24SE-SI	T	Solid	3546	
460-62968-31	PMP-2SE-VD	T	Solid	3546	
460-62968-32	PMP-2SE-WT	T	Solid	3546	
460-62968-33	PMP-2SE-SI	T	Solid	3546	
460-62968-34	PMP-22SE-VS	T	Solid	3546	
460-62968-35	PMP-22SE-VD	T	Solid	3546	
460-62968-35MS	Matrix Spike	T	Solid	3546	
460-62968-35MSD	Matrix Spike Duplicate	T	Solid	3546	
460-62968-36	PMP-22SE-WT	T	Solid	3546	
Analysis Batch:460-181600					
460-62968-2	PMP-27SE-WT	T	Solid	8082	460-181442
460-62968-3	PMP-27SE-SI	T	Solid	8082	460-181442
460-62968-5	PMP-19SE-VD	T	Solid	8082	460-181442
460-62968-7	PMP-19SE-SI	T	Solid	8082	460-181442
460-62968-8	PMP-26SE-VD	T	Solid	8082	460-181442
460-62968-10	PMP-26SE-SI	T	Solid	8082	460-181442
460-62968-11	PMP-18SE-VD	T	Solid	8082	460-181442
460-62968-13	PMP-18SE-SI	T	Solid	8082	460-181442
460-62968-14	PMP-17SE-VD	T	Solid	8082	460-181442
460-62968-16	PMP-17SE-SI	T	Solid	8082	460-181442
460-62968-17	PMP-16SE-VD	T	Solid	8082	460-181442
460-62968-19	PMP-16SE-SI	T	Solid	8082	460-181442
460-62968-20	PMP-28SE-VD	T	Solid	8082	460-181442
Analysis Batch:460-181607					
460-62968-24	PMP-9SE-VD	T	Solid	8082	460-181446
460-62968-25	PMP-9SE-WT	T	Solid	8082	460-181446
460-62968-31	PMP-2SE-VD	T	Solid	8082	460-181446
460-62968-34	PMP-22SE-VS	T	Solid	8082	460-181446
460-62968-35	PMP-22SE-VD	T	Solid	8082	460-181446
460-62968-36	PMP-22SE-WT	T	Solid	8082	460-181446
460-62968-37	PMP-23SE-VS	T	Solid	8082	460-181446
460-62968-38	PMP-23SE-VD	T	Solid	8082	460-181446
460-62968-39	PMP-23SE-WT	T	Solid	8082	460-181446

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
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 460-181552/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-025	460-181552
MB 460-181552/1-A	Method Blank	T	Solid	NJ-OQA-QAM-025	460-181552
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
460-62968-1MS	Matrix Spike	T	Solid	NJ-OQA-QAM-025	460-181552
460-62968-1MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-025	460-181552
460-62968-5	PMP-19SE-VD	T	Solid	NJ-OQA-QAM-025	460-181552
460-62968-7	PMP-19SE-SI	T	Solid	NJ-OQA-QAM-025	460-181552
460-62968-8	PMP-26SE-VD	T	Solid	NJ-OQA-QAM-025	460-181552
460-62968-11	PMP-18SE-VD	T	Solid	NJ-OQA-QAM-025	460-181552
460-62968-13	PMP-18SE-SI	T	Solid	NJ-OQA-QAM-025	460-181552
460-62968-14	PMP-17SE-VD	T	Solid	NJ-OQA-QAM-025	460-181552
460-62968-17	PMP-16SE-VD	T	Solid	NJ-OQA-QAM-025	460-181552
460-62968-24	PMP-9SE-VD	T	Solid	NJ-OQA-QAM-025	460-181553
460-62968-25	PMP-9SE-WT	T	Solid	NJ-OQA-QAM-025	460-181553
460-62968-34	PMP-22SE-VS	T	Solid	NJ-OQA-QAM-025	460-181553
460-62968-35MS	Matrix Spike	T	Solid	NJ-OQA-QAM-025	460-181553
460-62968-35MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-025	460-181553
460-62968-36	PMP-22SE-WT	T	Solid	NJ-OQA-QAM-025	460-181553
460-62968-40	FB-091213	T	Water	NJ-OQA-QAM-025	460-181476
Analysis Batch:460-181716					
460-62968-4	PMP-27SE-SD	T	Solid	8082	460-181442
460-62968-6	PMP-19SE-WT	T	Solid	8082	460-181442
460-62968-9	PMP-26SE-WT	T	Solid	8082	460-181442
460-62968-12	PMP-18SE-WT	T	Solid	8082	460-181442
460-62968-15	PMP-17SE-WT	T	Solid	8082	460-181442
460-62968-18	PMP-16SE-WT	T	Solid	8082	460-181442
460-62968-26	PMP-9SE-SI	T	Solid	8082	460-181446
460-62968-27	PMP-24SE-VS	T	Solid	8082	460-181446
460-62968-28	PMP-24SE-VD	T	Solid	8082	460-181446
460-62968-29	PMP-24SE-WT	T	Solid	8082	460-181446
460-62968-30	PMP-24SE-SI	T	Solid	8082	460-181446
460-62968-32	PMP-2SE-WT	T	Solid	8082	460-181446
460-62968-33	PMP-2SE-SI	T	Solid	8082	460-181446

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-181947					
460-62968-1	PMP-27SE-VD	T	Solid	NJ-OQA-QAM-025	460-181552
460-62968-4	PMP-27SE-SD	T	Solid	NJ-OQA-QAM-025	460-181552
460-62968-6	PMP-19SE-WT	T	Solid	NJ-OQA-QAM-025	460-181552
460-62968-9	PMP-26SE-WT	T	Solid	NJ-OQA-QAM-025	460-181552
460-62968-12	PMP-18SE-WT	T	Solid	NJ-OQA-QAM-025	460-181552
460-62968-15	PMP-17SE-WT	T	Solid	NJ-OQA-QAM-025	460-181552
460-62968-18	PMP-16SE-WT	T	Solid	NJ-OQA-QAM-025	460-181552
460-62968-20	PMP-28SE-VD	T	Solid	NJ-OQA-QAM-025	460-181552
460-62968-21	PMP-28SE-WT	T	Solid	NJ-OQA-QAM-025	460-181553
460-62968-26	PMP-9SE-SI	T	Solid	NJ-OQA-QAM-025	460-181553
460-62968-27	PMP-24SE-VS	T	Solid	NJ-OQA-QAM-025	460-181553
460-62968-28	PMP-24SE-VD	T	Solid	NJ-OQA-QAM-025	460-181553
460-62968-29	PMP-24SE-WT	T	Solid	NJ-OQA-QAM-025	460-181553
460-62968-32	PMP-2SE-WT	T	Solid	NJ-OQA-QAM-025	460-181553
460-62968-35	PMP-22SE-VD	T	Solid	NJ-OQA-QAM-025	460-181553
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
460-62968-40	FB-091213	T	Water	8082	460-181488
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	
460-62968-2	PMP-27SE-WT	T	Solid	3546	
460-62968-3	PMP-27SE-SI	T	Solid	3546	
460-62968-10	PMP-26SE-SI	T	Solid	3546	
460-62968-16	PMP-17SE-SI	T	Solid	3546	
460-62968-19	PMP-16SE-SI	T	Solid	3546	
460-62968-22	PMP-28SE-SI	T	Solid	3546	
460-62968-23	PMP-28SE-SD	T	Solid	3546	
460-62968-37	PMP-23SE-VS	T	Solid	3546	
460-62968-38	PMP-23SE-VD	T	Solid	3546	
460-62968-39	PMP-23SE-WT	T	Solid	3546	
460-62993-E-15-D MS	Matrix Spike	T	Solid	3546	
460-62993-E-15-E MSD	Matrix Spike Duplicate	T	Solid	3546	

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-182075					
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
460-62968-2	PMP-27SE-WT	T	Solid	NJ-OQA-QAM-025	460-181994
460-62968-3	PMP-27SE-SI	T	Solid	NJ-OQA-QAM-025	460-181994
460-62968-10	PMP-26SE-SI	T	Solid	NJ-OQA-QAM-025	460-181994
460-62968-16	PMP-17SE-SI	T	Solid	NJ-OQA-QAM-025	460-181994
460-62968-19	PMP-16SE-SI	T	Solid	NJ-OQA-QAM-025	460-181994
460-62968-22	PMP-28SE-SI	T	Solid	NJ-OQA-QAM-025	460-181994
460-62968-23	PMP-28SE-SD	T	Solid	NJ-OQA-QAM-025	460-181994
460-62968-30	PMP-24SE-SI	T	Solid	NJ-OQA-QAM-025	460-181553
460-62968-31	PMP-2SE-VD	T	Solid	NJ-OQA-QAM-025	460-181553
460-62968-33	PMP-2SE-SI	T	Solid	NJ-OQA-QAM-025	460-181553
460-62968-37	PMP-23SE-VS	T	Solid	NJ-OQA-QAM-025	460-181994
460-62968-38	PMP-23SE-VD	T	Solid	NJ-OQA-QAM-025	460-181994
460-62968-39	PMP-23SE-WT	T	Solid	NJ-OQA-QAM-025	460-181994
460-62993-E-15-D MS	Matrix Spike	T	Solid	NJ-OQA-QAM-025	460-181994
460-62993-E-15-E MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-025	460-181994

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-181599					
460-62968-24	PMP-9SE-VD	T	Solid	Moisture	
460-62968-25	PMP-9SE-WT	T	Solid	Moisture	
460-62968-26	PMP-9SE-SI	T	Solid	Moisture	
460-62968-27	PMP-24SE-VS	T	Solid	Moisture	
460-62968-28	PMP-24SE-VD	T	Solid	Moisture	
460-62968-29	PMP-24SE-WT	T	Solid	Moisture	
460-62968-30	PMP-24SE-SI	T	Solid	Moisture	
460-62968-31	PMP-2SE-VD	T	Solid	Moisture	
460-62968-32	PMP-2SE-WT	T	Solid	Moisture	
460-62968-33	PMP-2SE-SI	T	Solid	Moisture	
460-62968-34	PMP-22SE-VS	T	Solid	Moisture	
460-62968-35	PMP-22SE-VD	T	Solid	Moisture	
460-62968-36	PMP-22SE-WT	T	Solid	Moisture	
460-62968-36DU	Duplicate	T	Solid	Moisture	
Analysis Batch:460-181601					
460-62968-37	PMP-23SE-VS	T	Solid	Moisture	
460-62968-38	PMP-23SE-VD	T	Solid	Moisture	
460-62968-39	PMP-23SE-WT	T	Solid	Moisture	
460-63014-A-1 DU	Duplicate	T	Solid	Moisture	
460-63014-A-1 MS	Matrix Spike	T	Solid	Moisture	
460-63014-A-1 MSD	Matrix Spike Duplicate	T	Solid	Moisture	

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 460-181620					
LB 460-181620/1-A	TCLP SPLPE Leachate Blank	Y	Solid	D3987-85	
460-62968-1	PMP-27SE-VD	Y	Solid	D3987-85	
460-62968-1MS	Matrix Spike	Y	Solid	D3987-85	
460-62968-1MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-62968-2	PMP-27SE-WT	Y	Solid	D3987-85	
460-62968-3	PMP-27SE-SI	Y	Solid	D3987-85	
460-62968-4	PMP-27SE-SD	Y	Solid	D3987-85	
460-62968-5	PMP-19SE-VD	Y	Solid	D3987-85	
460-62968-6	PMP-19SE-WT	Y	Solid	D3987-85	
460-62968-7	PMP-19SE-SI	Y	Solid	D3987-85	
460-62968-8	PMP-26SE-VD	Y	Solid	D3987-85	
460-62968-9	PMP-26SE-WT	Y	Solid	D3987-85	
460-62968-10	PMP-26SE-SI	Y	Solid	D3987-85	
460-62968-10MS	Matrix Spike	Y	Solid	D3987-85	
460-62968-10MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-62968-11	PMP-18SE-VD	Y	Solid	D3987-85	
460-62968-12	PMP-18SE-WT	Y	Solid	D3987-85	
460-62968-13	PMP-18SE-SI	Y	Solid	D3987-85	
460-62968-14	PMP-17SE-VD	Y	Solid	D3987-85	
460-62968-15	PMP-17SE-WT	Y	Solid	D3987-85	
460-62968-16	PMP-17SE-SI	Y	Solid	D3987-85	
460-62968-17	PMP-16SE-VD	Y	Solid	D3987-85	
460-62968-18	PMP-16SE-WT	Y	Solid	D3987-85	
Analysis Batch:460-181832					
460-62968-1	PMP-27SE-VD	T	Solid	Moisture	
460-62968-2	PMP-27SE-WT	T	Solid	Moisture	
460-62968-3	PMP-27SE-SI	T	Solid	Moisture	
460-62968-4	PMP-27SE-SD	T	Solid	Moisture	
460-62968-5	PMP-19SE-VD	T	Solid	Moisture	
460-62968-6	PMP-19SE-WT	T	Solid	Moisture	
460-62968-7	PMP-19SE-SI	T	Solid	Moisture	
460-62968-8	PMP-26SE-VD	T	Solid	Moisture	
460-62968-9	PMP-26SE-WT	T	Solid	Moisture	
460-62968-10	PMP-26SE-SI	T	Solid	Moisture	
460-62968-11	PMP-18SE-VD	T	Solid	Moisture	
460-62968-12	PMP-18SE-WT	T	Solid	Moisture	
460-62968-13	PMP-18SE-SI	T	Solid	Moisture	
460-62968-14	PMP-17SE-VD	T	Solid	Moisture	
460-62968-15	PMP-17SE-WT	T	Solid	Moisture	
460-62968-16	PMP-17SE-SI	T	Solid	Moisture	
460-62968-17	PMP-16SE-VD	T	Solid	Moisture	
460-62968-17DU	Duplicate	T	Solid	Moisture	

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-181835					
460-62968-18	PMP-16SE-WT	T	Solid	Moisture	
460-62968-19	PMP-16SE-SI	T	Solid	Moisture	
460-62968-20	PMP-28SE-VD	T	Solid	Moisture	
460-62968-21	PMP-28SE-WT	T	Solid	Moisture	
460-62968-22	PMP-28SE-SI	T	Solid	Moisture	
460-62968-23	PMP-28SE-SD	T	Solid	Moisture	
460-62993-E-8 DU	Duplicate	T	Solid	Moisture	
Prep Batch: 460-181844					
LB 460-181844/1-A	TCLP SPLPE Leachate Blank	Y	Solid	D3987-85	
460-62968-19	PMP-16SE-SI	Y	Solid	D3987-85	
460-62968-19MS	Matrix Spike	Y	Solid	D3987-85	
460-62968-19MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-62968-20	PMP-28SE-VD	Y	Solid	D3987-85	
460-62968-21	PMP-28SE-WT	Y	Solid	D3987-85	
460-62968-22	PMP-28SE-SI	Y	Solid	D3987-85	
460-62968-23	PMP-28SE-SD	Y	Solid	D3987-85	
460-62968-24	PMP-9SE-VD	Y	Solid	D3987-85	
460-62968-25	PMP-9SE-WT	Y	Solid	D3987-85	
460-62968-26	PMP-9SE-SI	Y	Solid	D3987-85	
460-62968-27	PMP-24SE-VS	Y	Solid	D3987-85	
460-62968-28	PMP-24SE-VD	Y	Solid	D3987-85	
460-62968-28MS	Matrix Spike	Y	Solid	D3987-85	
460-62968-28MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-62968-29	PMP-24SE-WT	Y	Solid	D3987-85	
460-62968-30	PMP-24SE-SI	Y	Solid	D3987-85	
460-62968-31	PMP-2SE-VD	Y	Solid	D3987-85	
460-62968-32	PMP-2SE-WT	Y	Solid	D3987-85	
460-62968-33	PMP-2SE-SI	Y	Solid	D3987-85	
460-62968-34	PMP-22SE-VS	Y	Solid	D3987-85	
460-62968-35	PMP-22SE-VD	Y	Solid	D3987-85	
460-62968-36	PMP-22SE-WT	Y	Solid	D3987-85	
460-62968-37	PMP-23SE-VS	Y	Solid	D3987-85	
460-62968-37MS	Matrix Spike	Y	Solid	D3987-85	
460-62968-37MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-62968-38	PMP-23SE-VD	Y	Solid	D3987-85	
Prep Batch: 460-182048					
LB 460-182048/1-A	TCLP SPLPE Leachate Blank	Y	Solid	D3987-85	
460-62968-39	PMP-23SE-WT	Y	Solid	D3987-85	

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
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	
460-62968-40	FB-091213	T	Water	SM 4500 Cl- B	

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-182249					
LCSSRM 460-182249/30	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
LCSSRM 460-182249/54	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
LCSSRM 460-182249/6	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
LCSSRM 460-182249/74	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 460-182249/29	Method Blank	T	Solid	SM 4500 Cl- E	
MB 460-182249/5	Method Blank	T	Solid	SM 4500 Cl- E	
MB 460-182249/53	Method Blank	T	Solid	SM 4500 Cl- E	
MB 460-182249/73	Method Blank	T	Solid	SM 4500 Cl- E	
MB 460-182249/93	Method Blank	T	Solid	SM 4500 Cl- E	
LB 460-181620/1-A	TCLP SPLPE Leachate Blank	Y	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	
460-62968-1	PMP-27SE-VD	Y	Solid	SM 4500 Cl- E	
460-62968-1MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-62968-1MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-62968-2	PMP-27SE-WT	Y	Solid	SM 4500 Cl- E	
460-62968-3	PMP-27SE-SI	Y	Solid	SM 4500 Cl- E	
460-62968-4	PMP-27SE-SD	Y	Solid	SM 4500 Cl- E	
460-62968-5	PMP-19SE-VD	Y	Solid	SM 4500 Cl- E	
460-62968-6	PMP-19SE-WT	Y	Solid	SM 4500 Cl- E	
460-62968-7	PMP-19SE-SI	Y	Solid	SM 4500 Cl- E	
460-62968-8	PMP-26SE-VD	Y	Solid	SM 4500 Cl- E	
460-62968-9	PMP-26SE-WT	Y	Solid	SM 4500 Cl- E	
460-62968-10	PMP-26SE-SI	Y	Solid	SM 4500 Cl- E	
460-62968-10MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-62968-10MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-62968-11	PMP-18SE-VD	Y	Solid	SM 4500 Cl- E	
460-62968-12	PMP-18SE-WT	Y	Solid	SM 4500 Cl- E	
460-62968-13	PMP-18SE-SI	Y	Solid	SM 4500 Cl- E	
460-62968-14	PMP-17SE-VD	Y	Solid	SM 4500 Cl- E	
460-62968-15	PMP-17SE-WT	Y	Solid	SM 4500 Cl- E	
460-62968-16	PMP-17SE-SI	Y	Solid	SM 4500 Cl- E	
460-62968-17	PMP-16SE-VD	Y	Solid	SM 4500 Cl- E	
460-62968-18	PMP-16SE-WT	Y	Solid	SM 4500 Cl- E	
460-62968-19	PMP-16SE-SI	Y	Solid	SM 4500 Cl- E	
460-62968-19MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-62968-19MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-62968-20	PMP-28SE-VD	Y	Solid	SM 4500 Cl- E	
460-62968-21	PMP-28SE-WT	Y	Solid	SM 4500 Cl- E	
460-62968-22	PMP-28SE-SI	Y	Solid	SM 4500 Cl- E	
460-62968-23	PMP-28SE-SD	Y	Solid	SM 4500 Cl- E	
460-62968-24	PMP-9SE-VD	Y	Solid	SM 4500 Cl- E	
460-62968-25	PMP-9SE-WT	Y	Solid	SM 4500 Cl- E	
460-62968-26	PMP-9SE-SI	Y	Solid	SM 4500 Cl- E	
460-62968-27	PMP-24SE-VS	Y	Solid	SM 4500 Cl- E	

Client: Antea USA, Inc. Job Number: 460-62968-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-182249					
460-62968-28	PMP-24SE-VD	Y	Solid	SM 4500 Cl- E	
460-62968-28MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-62968-28MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-62968-29	PMP-24SE-WT	Y	Solid	SM 4500 Cl- E	
460-62968-30	PMP-24SE-SI	Y	Solid	SM 4500 Cl- E	
460-62968-31	PMP-2SE-VD	Y	Solid	SM 4500 Cl- E	
460-62968-32	PMP-2SE-WT	Y	Solid	SM 4500 Cl- E	
460-62968-33	PMP-2SE-SI	Y	Solid	SM 4500 Cl- E	
460-62968-34	PMP-22SE-VS	Y	Solid	SM 4500 Cl- E	
460-62968-35	PMP-22SE-VD	Y	Solid	SM 4500 Cl- E	
460-62968-36	PMP-22SE-WT	Y	Solid	SM 4500 Cl- E	
460-62968-37	PMP-23SE-VS	Y	Solid	SM 4500 Cl- E	
460-62968-37MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-62968-37MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-62968-38	PMP-23SE-VD	Y	Solid	SM 4500 Cl- E	
460-62968-39	PMP-23SE-WT	Y	Solid	SM 4500 Cl- E	

Report Basis
Y = ASTM Leach
T = Total

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-1 **Client ID:** PMP-27SE-VD

Sample Date/Time: 09/12/2013 08:45 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-B-1-A		460-182028	460-181338	09/14/2013 12:27	1	TAL EDI	DAS
A:8260B	460-62968-B-1-A		460-182028	460-181338	09/18/2013 19:14	1	TAL EDI	AAT
P:3541	460-62968-E-1-F		460-182070	460-181497	09/16/2013 09:07	1	TAL EDI	HMP
A:8270C	460-62968-E-1-F		460-182070	460-181497	09/19/2013 06:40	1	TAL EDI	AAA
P:3546	460-62968-E-1-C		460-181491	460-181442	09/16/2013 04:32	1	TAL EDI	ARA
A:8082	460-62968-E-1-C		460-181491	460-181442	09/16/2013 10:13	1	TAL EDI	JHP
P:3546	460-62968-E-1-I		460-181947	460-181552	09/16/2013 12:54	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-1-I		460-181947	460-181552	09/18/2013 10:37	1	TAL EDI	HJK
A:Moisture	460-62968-E-1		460-181832		09/17/2013 16:21	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-1-B		460-182249		09/19/2013 14:56	1	TAL EDI	MCC

Lab ID: 460-62968-1 MS **Client ID:** PMP-27SE-VD

Sample Date/Time: 09/12/2013 08:45 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-62968-E-1-D MS		460-182194	460-181497	09/16/2013 09:07	1	TAL EDI	HMP
A:8270C	460-62968-E-1-D MS		460-182194	460-181497	09/19/2013 19:06	1	TAL EDI	CAZ
P:3546	460-62968-E-1-A MS		460-181491	460-181442	09/16/2013 04:32	1	TAL EDI	ARA
A:8082	460-62968-E-1-A MS		460-181491	460-181442	09/16/2013 10:43	1	TAL EDI	JHP
P:3546	460-62968-E-1-G MS		460-181694	460-181552	09/16/2013 12:54	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-1-G MS		460-181694	460-181552	09/17/2013 11:09	1	TAL EDI	HJK
A:SM 4500 Cl- E	460-62968-A-1-B MS		460-182249		09/19/2013 15:14	1	TAL EDI	MCC

Lab ID: 460-62968-1 MSD **Client ID:** PMP-27SE-VD

Sample Date/Time: 09/12/2013 08:45 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-62968-E-1-E MSD		460-182194	460-181497	09/16/2013 09:07	1	TAL EDI	HMP
A:8270C	460-62968-E-1-E MSD		460-182194	460-181497	09/19/2013 19:34	1	TAL EDI	CAZ
P:3546	460-62968-E-1-B MSD		460-181491	460-181442	09/16/2013 04:32	1	TAL EDI	ARA
A:8082	460-62968-E-1-B MSD		460-181491	460-181442	09/16/2013 11:00	1	TAL EDI	JHP
P:3546	460-62968-E-1-H MSD		460-181694	460-181552	09/16/2013 12:54	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-1-H MSD		460-181694	460-181552	09/17/2013 11:24	1	TAL EDI	HJK
A:SM 4500 Cl- E	460-62968-A-1-B MSD		460-182249		09/19/2013 15:14	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-2 **Client ID: PMP-27SE-WT**

Sample Date/Time: 09/12/2013 08:50 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-B-2-A		460-181887	460-181338	09/14/2013 12:28	1	TAL EDI	DAS
A:8260B	460-62968-B-2-A		460-181887	460-181338	09/18/2013 12:04	1	TAL EDI	AAT
P:3541	460-62968-E-2-B		460-182070	460-181497	09/16/2013 09:07	1	TAL EDI	HMP
A:8270C	460-62968-E-2-B		460-182070	460-181497	09/19/2013 07:03	1	TAL EDI	AAA
P:3546	460-62968-E-2-A		460-181600	460-181442	09/16/2013 04:32	1	TAL EDI	ARA
A:8082	460-62968-E-2-A		460-181600	460-181442	09/16/2013 16:57	1	TAL EDI	JHP
P:3546	460-62968-E-2-D		460-182075	460-181994	09/18/2013 12:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-2-D		460-182075	460-181994	09/19/2013 09:52	1	TAL EDI	HJK
A:Moisture	460-62968-E-2		460-181832		09/17/2013 16:21	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-2-B		460-182249		09/19/2013 14:56	1	TAL EDI	MCC

Lab ID: 460-62968-3 **Client ID: PMP-27SE-SI**

Sample Date/Time: 09/12/2013 08:55 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-C-3-A		460-182221	460-181338	09/14/2013 12:31	1	TAL EDI	DAS
A:8260B	460-62968-C-3-A		460-182221	460-181338	09/19/2013 18:46	1	TAL EDI	AAT
P:3541	460-62968-E-3-B		460-182070	460-181497	09/16/2013 09:07	1	TAL EDI	HMP
A:8270C	460-62968-E-3-B		460-182070	460-181497	09/19/2013 07:26	1	TAL EDI	AAA
P:3546	460-62968-E-3-A		460-181600	460-181442	09/16/2013 04:32	1	TAL EDI	ARA
A:8082	460-62968-E-3-A		460-181600	460-181442	09/16/2013 17:14	1	TAL EDI	JHP
P:3546	460-62968-E-3-D		460-182075	460-181994	09/18/2013 12:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-3-D		460-182075	460-181994	09/19/2013 10:07	1	TAL EDI	HJK
A:Moisture	460-62968-E-3		460-181832		09/17/2013 16:21	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-3-B		460-182249		09/19/2013 14:56	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-4 **Client ID: PMP-27SE-SD**

Sample Date/Time: 09/12/2013 09:00 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-B-4-A		460-182028	460-181338	09/14/2013 12:32	1	TAL EDI	DAS
A:8260B	460-62968-B-4-A		460-182028	460-181338	09/18/2013 18:02	1	TAL EDI	AAT
P:3541	460-62968-E-4-B		460-182194	460-181497	09/16/2013 09:07	5	TAL EDI	HMP
A:8270C	460-62968-E-4-B		460-182194	460-181497	09/19/2013 18:20	5	TAL EDI	CAZ
P:3546	460-62968-E-4-A		460-181716	460-181442	09/16/2013 04:32	10	TAL EDI	ARA
A:8082	460-62968-E-4-A		460-181716	460-181442	09/17/2013 10:54	10	TAL EDI	JHP
P:3546	460-62968-E-4-C		460-181947	460-181552	09/16/2013 12:54	20	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-4-C		460-181947	460-181552	09/18/2013 10:52	20	TAL EDI	HJK
A:Moisture	460-62968-E-4		460-181832		09/17/2013 16:21	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-4-B		460-182249		09/19/2013 14:56	1	TAL EDI	MCC

Lab ID: 460-62968-5 **Client ID: PMP-19SE-VD**

Sample Date/Time: 09/12/2013 09:20 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-C-5-A		460-182082	460-181338	09/14/2013 12:35	1	TAL EDI	DAS
A:8260B	460-62968-C-5-A		460-182082	460-181338	09/19/2013 12:17	1	TAL EDI	AAT
P:3541	460-62968-E-5-B		460-182070	460-181497	09/16/2013 09:07	1	TAL EDI	HMP
A:8270C	460-62968-E-5-B		460-182070	460-181497	09/19/2013 07:49	1	TAL EDI	AAA
P:3546	460-62968-E-5-A		460-181600	460-181442	09/16/2013 04:32	1	TAL EDI	ARA
A:8082	460-62968-E-5-A		460-181600	460-181442	09/16/2013 17:50	1	TAL EDI	JHP
P:3546	460-62968-E-5-C		460-181694	460-181552	09/16/2013 12:54	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-5-C		460-181694	460-181552	09/17/2013 13:07	1	TAL EDI	HJK
A:Moisture	460-62968-E-5		460-181832		09/17/2013 16:21	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-5-B		460-182249		09/19/2013 14:56	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-6 **Client ID: PMP-19SE-WT**

Sample Date/Time: 09/12/2013 09:25 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-A-6-A		460-182095	460-181329	09/14/2013 11:31	50	TAL EDI	DAS
A:8260B	460-62968-A-6-A		460-182095	460-181329	09/19/2013 17:44	50	TAL EDI	SZD
P:3541	460-62968-E-6-B		460-182070	460-181497	09/16/2013 09:07	1	TAL EDI	HMP
A:8270C	460-62968-E-6-B		460-182070	460-181497	09/19/2013 08:12	1	TAL EDI	AAA
P:3546	460-62968-E-6-A		460-181716	460-181442	09/16/2013 04:32	10	TAL EDI	ARA
A:8082	460-62968-E-6-A		460-181716	460-181442	09/17/2013 11:11	10	TAL EDI	JHP
P:3546	460-62968-E-6-C		460-181947	460-181552	09/16/2013 12:54	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-6-C		460-181947	460-181552	09/18/2013 11:06	10	TAL EDI	HJK
A:Moisture	460-62968-E-6		460-181832		09/17/2013 16:21	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-6-B		460-182249		09/19/2013 14:56	1	TAL EDI	MCC

Lab ID: 460-62968-6 MS **Client ID: PMP-19SE-WT**

Sample Date/Time: 09/12/2013 09:25 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
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

Lab ID: 460-62968-6 MSD **Client ID: PMP-19SE-WT**

Sample Date/Time: 09/12/2013 09:25 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
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

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-7 **Client ID: PMP-19SE-SI**

Sample Date/Time: 09/12/2013 09:30 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-C-7-A		460-182221	460-181338	09/14/2013 12:39	1	TAL EDI	DAS
A:8260B	460-62968-C-7-A		460-182221	460-181338	09/19/2013 15:34	1	TAL EDI	AAT
P:3541	460-62968-E-7-B		460-182070	460-181497	09/16/2013 09:07	1	TAL EDI	HMP
A:8270C	460-62968-E-7-B		460-182070	460-181497	09/19/2013 08:35	1	TAL EDI	AAA
P:3546	460-62968-E-7-A		460-181600	460-181442	09/16/2013 04:32	1	TAL EDI	ARA
A:8082	460-62968-E-7-A		460-181600	460-181442	09/16/2013 18:22	1	TAL EDI	JHP
P:3546	460-62968-E-7-C		460-181694	460-181552	09/16/2013 12:54	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-7-C		460-181694	460-181552	09/17/2013 13:37	1	TAL EDI	HJK
A:Moisture	460-62968-E-7		460-181832		09/17/2013 16:21	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-7-B		460-182249		09/19/2013 14:56	1	TAL EDI	MCC

Lab ID: 460-62968-8 **Client ID: PMP-26SE-VD**

Sample Date/Time: 09/12/2013 10:00 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-B-8-A		460-182028	460-181338	09/14/2013 12:40	1	TAL EDI	DAS
A:8260B	460-62968-B-8-A		460-182028	460-181338	09/18/2013 23:15	1	TAL EDI	AAT
P:3541	460-62968-E-8-B		460-182070	460-181497	09/16/2013 09:07	1	TAL EDI	HMP
A:8270C	460-62968-E-8-B		460-182070	460-181497	09/19/2013 08:58	1	TAL EDI	AAA
P:3546	460-62968-E-8-A		460-181600	460-181442	09/16/2013 04:32	1	TAL EDI	ARA
A:8082	460-62968-E-8-A		460-181600	460-181442	09/16/2013 18:38	1	TAL EDI	JHP
P:3546	460-62968-E-8-C		460-181694	460-181552	09/16/2013 12:54	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-8-C		460-181694	460-181552	09/17/2013 13:51	1	TAL EDI	HJK
A:Moisture	460-62968-E-8		460-181832		09/17/2013 16:21	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-8-B		460-182249		09/19/2013 14:59	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-9 **Client ID: PMP-26SE-WT**

Sample Date/Time: 09/12/2013 10:05 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-A-9-A		460-182063	460-181329	09/14/2013 11:33	50	TAL EDI	DAS
A:8260B	460-62968-A-9-A		460-182063	460-181329	09/19/2013 07:21	50	TAL EDI	KLB
P:3541	460-62968-E-9-B		460-182194	460-181497	09/16/2013 09:07	5	TAL EDI	HMP
A:8270C	460-62968-E-9-B		460-182194	460-181497	09/19/2013 18:43	5	TAL EDI	CAZ
P:3546	460-62968-E-9-A		460-181716	460-181442	09/16/2013 04:32	20	TAL EDI	ARA
A:8082	460-62968-E-9-A		460-181716	460-181442	09/17/2013 12:33	20	TAL EDI	JHP
P:3546	460-62968-E-9-C		460-181947	460-181552	09/16/2013 12:54	20	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-9-C		460-181947	460-181552	09/18/2013 11:21	20	TAL EDI	HJK
A:Moisture	460-62968-E-9		460-181832		09/17/2013 16:21	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-9-B		460-182249		09/19/2013 14:59	1	TAL EDI	MCC

Lab ID: 460-62968-10 **Client ID: PMP-26SE-SI**

Sample Date/Time: 09/12/2013 10:10 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-B-10-A		460-182028	460-181338	09/14/2013 12:44	1	TAL EDI	DAS
A:8260B	460-62968-B-10-A		460-182028	460-181338	09/18/2013 19:39	1	TAL EDI	AAT
P:3541	460-62968-E-10-B		460-182070	460-181497	09/16/2013 09:07	1	TAL EDI	HMP
A:8270C	460-62968-E-10-B		460-182070	460-181497	09/19/2013 09:21	1	TAL EDI	AAA
P:3546	460-62968-E-10-A		460-181600	460-181442	09/16/2013 04:32	1	TAL EDI	ARA
A:8082	460-62968-E-10-A		460-181600	460-181442	09/16/2013 19:11	1	TAL EDI	JHP
P:3546	460-62968-E-10-D		460-182075	460-181994	09/18/2013 12:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-10-D		460-182075	460-181994	09/19/2013 10:21	1	TAL EDI	HJK
A:Moisture	460-62968-E-10		460-181832		09/17/2013 16:21	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-10-B		460-182249		09/19/2013 15:24	1	TAL EDI	MCC

Lab ID: 460-62968-10 MS **Client ID: PMP-26SE-SI**

Sample Date/Time: 09/12/2013 10:10 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-62968-A-10-B MS		460-182249		09/19/2013 15:40	1	TAL EDI	MCC

Lab ID: 460-62968-10 MSD **Client ID: PMP-26SE-SI**

Sample Date/Time: 09/12/2013 10:10 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-62968-A-10-B MSD		460-182249		09/19/2013 15:40	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-11 **Client ID: PMP-18SE-VD**

Sample Date/Time: 09/12/2013 10:25 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-B-11-A		460-182028	460-181338	09/14/2013 12:46	1	TAL EDI	DAS
A:8260B	460-62968-B-11-A		460-182028	460-181338	09/18/2013 20:03	1	TAL EDI	AAT
P:3541	460-62968-E-11-B		460-182070	460-181497	09/16/2013 09:07	1	TAL EDI	HMP
A:8270C	460-62968-E-11-B		460-182070	460-181497	09/19/2013 09:44	1	TAL EDI	AAA
P:3546	460-62968-E-11-A		460-181600	460-181442	09/16/2013 04:32	1	TAL EDI	ARA
A:8082	460-62968-E-11-A		460-181600	460-181442	09/16/2013 19:27	1	TAL EDI	JHP
P:3546	460-62968-E-11-C		460-181694	460-181552	09/16/2013 12:54	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-11-C		460-181694	460-181552	09/17/2013 14:36	1	TAL EDI	HJK
A:Moisture	460-62968-E-11		460-181832		09/17/2013 16:21	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-11-B		460-182249		09/19/2013 15:24	1	TAL EDI	MCC

Lab ID: 460-62968-12 **Client ID: PMP-18SE-WT**

Sample Date/Time: 09/12/2013 10:30 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-A-12-A		460-182063	460-181329	09/14/2013 11:35	50	TAL EDI	DAS
A:8260B	460-62968-A-12-A		460-182063	460-181329	09/19/2013 05:26	50	TAL EDI	KLB
P:3541	460-62968-E-12-B		460-182070	460-181497	09/16/2013 09:07	1	TAL EDI	HMP
A:8270C	460-62968-E-12-B		460-182070	460-181497	09/19/2013 10:08	1	TAL EDI	AAA
P:3546	460-62968-E-12-A		460-181716	460-181442	09/16/2013 04:32	10	TAL EDI	ARA
A:8082	460-62968-E-12-A		460-181716	460-181442	09/17/2013 11:44	10	TAL EDI	JHP
P:3546	460-62968-E-12-C		460-181947	460-181552	09/16/2013 12:54	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-12-C		460-181947	460-181552	09/18/2013 11:35	10	TAL EDI	HJK
A:Moisture	460-62968-E-12		460-181832		09/17/2013 16:21	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-12-B		460-182249		09/19/2013 15:24	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-13 **Client ID: PMP-18SE-SI**

Sample Date/Time: 09/12/2013 10:35 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-B-13-A		460-182028	460-181338	09/14/2013 12:50	1	TAL EDI	DAS
A:8260B	460-62968-B-13-A		460-182028	460-181338	09/18/2013 20:27	1	TAL EDI	AAT
P:3541	460-62968-E-13-B		460-182070	460-181497	09/16/2013 09:07	1	TAL EDI	HMP
A:8270C	460-62968-E-13-B		460-182070	460-181497	09/19/2013 10:30	1	TAL EDI	AAA
P:3546	460-62968-E-13-A		460-181600	460-181442	09/16/2013 04:32	1	TAL EDI	ARA
A:8082	460-62968-E-13-A		460-181600	460-181442	09/16/2013 20:01	1	TAL EDI	JHP
P:3546	460-62968-E-13-C		460-181694	460-181552	09/16/2013 12:54	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-13-C		460-181694	460-181552	09/17/2013 15:05	1	TAL EDI	HJK
A:Moisture	460-62968-E-13		460-181832		09/17/2013 16:21	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-13-B		460-182249		09/19/2013 15:24	1	TAL EDI	MCC

Lab ID: 460-62968-14 **Client ID: PMP-17SE-VD**

Sample Date/Time: 09/12/2013 10:55 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-C-14-A		460-182082	460-181338	09/14/2013 12:53	1	TAL EDI	DAS
A:8260B	460-62968-C-14-A		460-182082	460-181338	09/19/2013 11:53	1	TAL EDI	AAT
P:3541	460-62968-E-14-A		460-181524	460-181416	09/15/2013 16:06	1	TAL EDI	CAM
A:8270C	460-62968-E-14-A		460-181524	460-181416	09/15/2013 23:55	1	TAL EDI	VJR
P:3546	460-62968-E-14-B		460-181600	460-181442	09/16/2013 04:32	1	TAL EDI	ARA
A:8082	460-62968-E-14-B		460-181600	460-181442	09/16/2013 20:17	1	TAL EDI	JHP
P:3546	460-62968-E-14-C		460-181694	460-181552	09/16/2013 12:54	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-14-C		460-181694	460-181552	09/17/2013 15:49	1	TAL EDI	HJK
A:Moisture	460-62968-E-14		460-181832		09/17/2013 16:21	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-14-B		460-182249		09/19/2013 15:24	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-15 **Client ID: PMP-17SE-WT**

Sample Date/Time: 09/12/2013 11:00 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-C-15-A		460-182221	460-181338	09/14/2013 12:55	1	TAL EDI	DAS
A:8260B	460-62968-C-15-A		460-182221	460-181338	09/19/2013 21:10	1	TAL EDI	AAT
P:3541	460-62968-E-15-A		460-181524	460-181416	09/15/2013 16:06	1	TAL EDI	CAM
A:8270C	460-62968-E-15-A		460-181524	460-181416	09/16/2013 05:34	1	TAL EDI	VJR
P:3546	460-62968-E-15-B		460-181716	460-181442	09/16/2013 04:32	20	TAL EDI	ARA
A:8082	460-62968-E-15-B		460-181716	460-181442	09/17/2013 12:00	20	TAL EDI	JHP
P:3546	460-62968-E-15-C		460-181947	460-181552	09/16/2013 12:54	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-15-C		460-181947	460-181552	09/18/2013 11:50	10	TAL EDI	HJK
A:Moisture	460-62968-E-15		460-181832		09/17/2013 16:21	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-15-B		460-182249		09/19/2013 15:24	1	TAL EDI	MCC

Lab ID: 460-62968-16 **Client ID: PMP-17SE-SI**

Sample Date/Time: 09/12/2013 11:05 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-B-16-A		460-182221	460-181338	09/14/2013 12:56	1	TAL EDI	DAS
A:8260B	460-62968-B-16-A		460-182221	460-181338	09/19/2013 19:10	1	TAL EDI	AAT
P:3541	460-62968-E-16-A		460-181524	460-181416	09/15/2013 16:06	1	TAL EDI	CAM
A:8270C	460-62968-E-16-A		460-181524	460-181416	09/16/2013 02:35	1	TAL EDI	VJR
P:3546	460-62968-E-16-B		460-181600	460-181442	09/16/2013 04:32	1	TAL EDI	ARA
A:8082	460-62968-E-16-B		460-181600	460-181442	09/16/2013 20:50	1	TAL EDI	JHP
P:3546	460-62968-E-16-D		460-182075	460-181994	09/18/2013 12:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-16-D		460-182075	460-181994	09/19/2013 10:36	1	TAL EDI	HJK
A:Moisture	460-62968-E-16		460-181832		09/17/2013 16:21	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-16-B		460-182249		09/19/2013 15:24	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-17 **Client ID: PMP-16SE-VD**

Sample Date/Time: 09/12/2013 11:30 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-B-17-A		460-182221	460-181338	09/14/2013 12:58	1	TAL EDI	DAS
A:8260B	460-62968-B-17-A		460-182221	460-181338	09/19/2013 19:34	1	TAL EDI	AAT
P:3541	460-62968-E-17-A		460-181524	460-181416	09/15/2013 16:06	1	TAL EDI	CAM
A:8270C	460-62968-E-17-A		460-181524	460-181416	09/16/2013 01:15	1	TAL EDI	VJR
P:3546	460-62968-E-17-B		460-181600	460-181442	09/16/2013 04:32	1	TAL EDI	ARA
A:8082	460-62968-E-17-B		460-181600	460-181442	09/16/2013 21:07	1	TAL EDI	JHP
P:3546	460-62968-E-17-C		460-181694	460-181552	09/16/2013 12:54	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-17-C		460-181694	460-181552	09/17/2013 16:33	1	TAL EDI	HJK
A:Moisture	460-62968-E-17		460-181832		09/17/2013 16:21	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-17-B		460-182249		09/19/2013 15:27	1	TAL EDI	MCC

Lab ID: 460-62968-17 DU **Client ID: PMP-16SE-VD**

Sample Date/Time: 09/12/2013 11:30 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-62968-E-17 DU		460-181832		09/17/2013 16:21	1	TAL EDI	ITR

Lab ID: 460-62968-18 **Client ID: PMP-16SE-WT**

Sample Date/Time: 09/12/2013 11:35 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-A-18-A		460-182095	460-181329	09/14/2013 11:40	50	TAL EDI	DAS
A:8260B	460-62968-A-18-A		460-182095	460-181329	09/19/2013 18:29	50	TAL EDI	SZD
P:3541	460-62968-E-18-A		460-181524	460-181416	09/15/2013 16:06	1	TAL EDI	CAM
A:8270C	460-62968-E-18-A		460-181524	460-181416	09/16/2013 04:34	1	TAL EDI	VJR
P:3546	460-62968-E-18-B		460-181716	460-181442	09/16/2013 04:32	5	TAL EDI	ARA
A:8082	460-62968-E-18-B		460-181716	460-181442	09/17/2013 12:17	5	TAL EDI	JHP
P:3546	460-62968-E-18-C		460-181947	460-181552	09/16/2013 12:54	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-18-C		460-181947	460-181552	09/18/2013 12:05	10	TAL EDI	HJK
A:Moisture	460-62968-E-18		460-181835		09/17/2013 16:52	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-18-B		460-182249		09/19/2013 15:27	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-19 **Client ID: PMP-16SE-SI**

Sample Date/Time: 09/12/2013 11:40 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-A-19-A		460-182277	460-181329	09/14/2013 11:41	50	TAL EDI	DAS
A:8260B	460-62968-A-19-A		460-182277	460-181329	09/20/2013 03:47	50	TAL EDI	KLB
P:3541	460-62968-E-19-A		460-181524	460-181416	09/15/2013 16:06	1	TAL EDI	CAM
A:8270C	460-62968-E-19-A		460-181524	460-181416	09/16/2013 00:15	1	TAL EDI	VJR
P:3546	460-62968-E-19-B		460-181600	460-181442	09/16/2013 04:32	1	TAL EDI	ARA
A:8082	460-62968-E-19-B		460-181600	460-181442	09/16/2013 21:40	1	TAL EDI	JHP
P:3546	460-62968-E-19-D		460-182075	460-181994	09/18/2013 12:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-19-D		460-182075	460-181994	09/19/2013 10:51	1	TAL EDI	HJK
A:Moisture	460-62968-E-19		460-181835		09/17/2013 16:52	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-19-B		460-182249		09/19/2013 15:50	1	TAL EDI	MCC

Lab ID: 460-62968-19 MS **Client ID: PMP-16SE-SI**

Sample Date/Time: 09/12/2013 11:40 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-62968-A-19-B MS		460-182249		09/19/2013 15:53	1	TAL EDI	MCC

Lab ID: 460-62968-19 MSD **Client ID: PMP-16SE-SI**

Sample Date/Time: 09/12/2013 11:40 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-62968-A-19-B MSD		460-182249		09/19/2013 15:53	1	TAL EDI	MCC

Lab ID: 460-62968-20 **Client ID: PMP-28SE-VD**

Sample Date/Time: 09/12/2013 12:00 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-B-20-A		460-182082	460-181338	09/14/2013 13:03	1	TAL EDI	DAS
A:8260B	460-62968-B-20-A		460-182082	460-181338	09/19/2013 08:40	1	TAL EDI	AAT
P:3541	460-62968-E-20-A		460-181524	460-181416	09/15/2013 16:06	1	TAL EDI	CAM
A:8270C	460-62968-E-20-A		460-181524	460-181416	09/16/2013 00:35	1	TAL EDI	VJR
P:3546	460-62968-E-20-B		460-181600	460-181442	09/16/2013 04:32	1	TAL EDI	ARA
A:8082	460-62968-E-20-B		460-181600	460-181442	09/16/2013 21:56	1	TAL EDI	JHP
P:3546	460-62968-E-20-C		460-181947	460-181552	09/16/2013 12:54	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-20-C		460-181947	460-181552	09/18/2013 12:20	10	TAL EDI	HJK
A:Moisture	460-62968-E-20		460-181835		09/17/2013 16:52	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-20-B		460-182249		09/19/2013 15:50	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-21 **Client ID: PMP-28SE-WT**

Sample Date/Time: 09/12/2013 12:05 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-B-21-A		460-182028	460-181338	09/14/2013 13:05	1	TAL EDI	DAS
A:8260B	460-62968-B-21-A		460-182028	460-181338	09/19/2013 00:03	1	TAL EDI	AAT
P:3541	460-62968-E-21-A		460-181524	460-181416	09/15/2013 16:06	1	TAL EDI	CAM
A:8270C	460-62968-E-21-A		460-181524	460-181416	09/16/2013 05:54	1	TAL EDI	VJR
P:3546	460-62968-E-21-D		460-181549	460-181446	09/16/2013 04:37	10	TAL EDI	ARA
A:8082	460-62968-E-21-D		460-181549	460-181446	09/16/2013 14:48	10	TAL EDI	CDC
P:3546	460-62968-E-21-H		460-181947	460-181553	09/16/2013 12:59	50	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-21-H		460-181947	460-181553	09/18/2013 16:47	50	TAL EDI	HJK
A:Moisture	460-62968-E-21		460-181835		09/17/2013 16:52	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-21-B		460-182249		09/19/2013 15:50	1	TAL EDI	MCC

Lab ID: 460-62968-21 MS **Client ID: PMP-28SE-WT**

Sample Date/Time: 09/12/2013 12:05 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-62968-E-21-B MS		460-181549	460-181446	09/16/2013 04:37	10	TAL EDI	ARA
A:8082	460-62968-E-21-B MS		460-181549	460-181446	09/16/2013 15:04	10	TAL EDI	CDC

Lab ID: 460-62968-21 MSD **Client ID: PMP-28SE-WT**

Sample Date/Time: 09/12/2013 12:05 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-62968-E-21-C MSD		460-181549	460-181446	09/16/2013 04:37	10	TAL EDI	ARA
A:8082	460-62968-E-21-C MSD		460-181549	460-181446	09/16/2013 15:20	10	TAL EDI	CDC

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-22 **Client ID: PMP-28SE-SI**

Sample Date/Time: 09/12/2013 12:10 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-B-22-A		460-182028	460-181338	09/14/2013 13:07	1	TAL EDI	DAS
A:8260B	460-62968-B-22-A		460-182028	460-181338	09/18/2013 21:39	1	TAL EDI	AAT
P:3541	460-62968-E-22-A		460-181524	460-181416	09/15/2013 16:06	1	TAL EDI	CAM
A:8270C	460-62968-E-22-A		460-181524	460-181416	09/16/2013 01:35	1	TAL EDI	VJR
P:3546	460-62968-E-22-B		460-181549	460-181446	09/16/2013 04:37	1	TAL EDI	ARA
A:8082	460-62968-E-22-B		460-181549	460-181446	09/16/2013 14:16	1	TAL EDI	CDC
P:3546	460-62968-E-22-D		460-182075	460-181994	09/18/2013 12:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-22-D		460-182075	460-181994	09/19/2013 11:35	1	TAL EDI	HJK
A:Moisture	460-62968-E-22		460-181835		09/17/2013 16:52	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-22-B		460-182249		09/19/2013 16:20	1	TAL EDI	MCC

Lab ID: 460-62968-23 **Client ID: PMP-28SE-SD**

Sample Date/Time: 09/12/2013 12:15 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-C-23-A		460-182082	460-181338	09/14/2013 13:10	1	TAL EDI	DAS
A:8260B	460-62968-C-23-A		460-182082	460-181338	09/19/2013 12:41	1	TAL EDI	AAT
P:3541	460-62968-E-23-A		460-181524	460-181416	09/15/2013 16:06	1	TAL EDI	CAM
A:8270C	460-62968-E-23-A		460-181524	460-181416	09/16/2013 00:55	1	TAL EDI	VJR
P:3546	460-62968-E-23-B		460-181549	460-181446	09/16/2013 04:37	1	TAL EDI	ARA
A:8082	460-62968-E-23-B		460-181549	460-181446	09/16/2013 14:31	1	TAL EDI	CDC
P:3546	460-62968-E-23-D		460-182075	460-181994	09/18/2013 12:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-23-D		460-182075	460-181994	09/19/2013 11:50	1	TAL EDI	HJK
A:Moisture	460-62968-E-23		460-181835		09/17/2013 16:52	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-23-B		460-182249		09/19/2013 15:50	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-24 **Client ID: PMP-9SE-VD**

Sample Date/Time: 09/12/2013 14:00 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-C-24-A		460-182082	460-181338	09/14/2013 13:12	1	TAL EDI	DAS
A:8260B	460-62968-C-24-A		460-182082	460-181338	09/19/2013 11:29	1	TAL EDI	AAT
P:3541	460-62968-E-24-A		460-181524	460-181416	09/15/2013 16:06	1	TAL EDI	CAM
A:8270C	460-62968-E-24-A		460-181524	460-181416	09/16/2013 01:55	1	TAL EDI	VJR
P:3546	460-62968-E-24-B		460-181607	460-181446	09/16/2013 04:37	1	TAL EDI	ARA
A:8082	460-62968-E-24-B		460-181607	460-181446	09/16/2013 23:20	1	TAL EDI	JHP
P:3546	460-62968-E-24-C		460-181694	460-181553	09/16/2013 12:59	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-24-C		460-181694	460-181553	09/17/2013 19:44	1	TAL EDI	HJK
A:Moisture	460-62968-E-24		460-181599		09/16/2013 16:23	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-24-B		460-182249		09/19/2013 15:50	1	TAL EDI	MCC

Lab ID: 460-62968-25 **Client ID: PMP-9SE-WT**

Sample Date/Time: 09/12/2013 14:05 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-B-25-A		460-182028	460-181338	09/14/2013 13:13	1	TAL EDI	DAS
A:8260B	460-62968-B-25-A		460-182028	460-181338	09/18/2013 22:28	1	TAL EDI	AAT
P:3541	460-62968-E-25-A		460-181524	460-181416	09/15/2013 16:06	1	TAL EDI	CAM
A:8270C	460-62968-E-25-A		460-181524	460-181416	09/16/2013 02:15	1	TAL EDI	VJR
P:3546	460-62968-E-25-B		460-181607	460-181446	09/16/2013 04:37	1	TAL EDI	ARA
A:8082	460-62968-E-25-B		460-181607	460-181446	09/16/2013 23:36	1	TAL EDI	JHP
P:3546	460-62968-E-25-C		460-181694	460-181553	09/16/2013 12:59	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-25-C		460-181694	460-181553	09/17/2013 19:58	1	TAL EDI	HJK
A:Moisture	460-62968-E-25		460-181599		09/16/2013 16:23	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-25-B		460-182249		09/19/2013 15:50	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-26 **Client ID: PMP-9SE-SI**

Sample Date/Time: 09/12/2013 14:10 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-A-26-A		460-182063	460-181329	09/14/2013 11:46	50	TAL EDI	DAS
A:8260B	460-62968-A-26-A		460-182063	460-181329	09/19/2013 05:49	50	TAL EDI	KLB
P:3541	460-62968-E-26-B		460-182070	460-181497	09/16/2013 09:07	1	TAL EDI	HMP
A:8270C	460-62968-E-26-B		460-182070	460-181497	09/19/2013 10:53	1	TAL EDI	AAA
P:3546	460-62968-E-26-A		460-181716	460-181446	09/16/2013 04:37	25	TAL EDI	ARA
A:8082	460-62968-E-26-A		460-181716	460-181446	09/17/2013 08:58	25	TAL EDI	JHP
P:3546	460-62968-E-26-C		460-181947	460-181553	09/16/2013 12:59	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-26-C		460-181947	460-181553	09/18/2013 14:20	10	TAL EDI	HJK
A:Moisture	460-62968-E-26		460-181599		09/16/2013 16:23	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-26-B		460-182249		09/19/2013 15:53	1	TAL EDI	MCC

Lab ID: 460-62968-27 **Client ID: PMP-24SE-VS**

Sample Date/Time: 09/12/2013 15:15 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-A-27-A		460-182063	460-181329	09/14/2013 11:47	50	TAL EDI	DAS
A:8260B	460-62968-A-27-A		460-182063	460-181329	09/19/2013 06:35	50	TAL EDI	KLB
P:3541	460-62968-E-27-B		460-182194	460-181497	09/16/2013 09:07	10	TAL EDI	HMP
A:8270C	460-62968-E-27-B		460-182194	460-181497	09/19/2013 17:57	10	TAL EDI	CAZ
P:3546	460-62968-E-27-A		460-181716	460-181446	09/16/2013 04:37	500	TAL EDI	ARA
A:8082	460-62968-E-27-A		460-181716	460-181446	09/17/2013 09:14	500	TAL EDI	JHP
P:3546	460-62968-E-27-C		460-181947	460-181553	09/16/2013 12:59	50	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-27-C		460-181947	460-181553	09/18/2013 14:35	50	TAL EDI	HJK
A:Moisture	460-62968-E-27		460-181599		09/16/2013 16:23	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-27-B		460-182249		09/19/2013 15:53	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-28 **Client ID: PMP-24SE-VD**

Sample Date/Time: 09/12/2013 15:30 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-A-28-A		460-182095	460-181329	09/14/2013 11:48	200	TAL EDI	DAS
A:8260B	460-62968-A-28-A		460-182095	460-181329	09/19/2013 14:50	200	TAL EDI	SZD
P:3541	460-62968-E-28-B		460-182720	460-181497	09/16/2013 09:07	5	TAL EDI	HMP
A:8270C	460-62968-E-28-B		460-182720	460-181497	09/23/2013 15:37	5	TAL EDI	CAZ
P:3546	460-62968-E-28-A		460-181716	460-181446	09/16/2013 04:37	1000	TAL EDI	ARA
A:8082	460-62968-E-28-A		460-181716	460-181446	09/17/2013 09:31	1000	TAL EDI	JHP
P:3546	460-62968-E-28-C		460-181947	460-181553	09/16/2013 12:59	100	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-28-C		460-181947	460-181553	09/18/2013 14:49	100	TAL EDI	HJK
A:Moisture	460-62968-E-28		460-181599		09/16/2013 16:23	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-28-B		460-182249		09/19/2013 16:06	1	TAL EDI	MCC

Lab ID: 460-62968-28 MS **Client ID: PMP-24SE-VD**

Sample Date/Time: 09/12/2013 15:30 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-62968-A-28-B MS		460-182249		09/19/2013 16:10	1	TAL EDI	MCC

Lab ID: 460-62968-28 MSD **Client ID: PMP-24SE-VD**

Sample Date/Time: 09/12/2013 15:30 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-62968-A-28-B MSD		460-182249		09/19/2013 16:10	1	TAL EDI	MCC

Lab ID: 460-62968-29 **Client ID: PMP-24SE-WT**

Sample Date/Time: 09/12/2013 15:25 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-A-29-A		460-182063	460-181329	09/14/2013 11:49	50	TAL EDI	DAS
A:8260B	460-62968-A-29-A		460-182063	460-181329	09/19/2013 06:58	50	TAL EDI	KLB
P:3541	460-62968-E-29-B	DL	460-182283	460-181497	09/16/2013 09:07	10	TAL EDI	HMP
A:8270C	460-62968-E-29-B	DL	460-182283	460-181497	09/20/2013 13:10	10	TAL EDI	MMC
P:3546	460-62968-E-29-A		460-181716	460-181446	09/16/2013 04:37	1000	TAL EDI	ARA
A:8082	460-62968-E-29-A		460-181716	460-181446	09/17/2013 09:48	1000	TAL EDI	JHP
P:3546	460-62968-E-29-C		460-181947	460-181553	09/16/2013 12:59	20	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-29-C		460-181947	460-181553	09/18/2013 15:04	20	TAL EDI	HJK
A:Moisture	460-62968-E-29		460-181599		09/16/2013 16:23	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-29-B		460-182249		09/19/2013 16:06	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-30 **Client ID: PMP-24SE-SI**

Sample Date/Time: 09/12/2013 15:20 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-A-30-A		460-182063	460-181329	09/14/2013 11:49	50	TAL EDI	DAS
A:8260B	460-62968-A-30-A		460-182063	460-181329	09/19/2013 05:02	50	TAL EDI	KLB
P:3541	460-62968-E-30-B		460-182070	460-181497	09/16/2013 09:07	1	TAL EDI	HMP
A:8270C	460-62968-E-30-B		460-182070	460-181497	09/19/2013 11:17	1	TAL EDI	AAA
P:3546	460-62968-E-30-A		460-181716	460-181446	09/16/2013 04:37	100	TAL EDI	ARA
A:8082	460-62968-E-30-A		460-181716	460-181446	09/17/2013 10:04	100	TAL EDI	JHP
P:3546	460-62968-E-30-C		460-182075	460-181553	09/16/2013 12:59	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-30-C		460-182075	460-181553	09/19/2013 19:02	1	TAL EDI	HJK
A:Moisture	460-62968-E-30		460-181599		09/16/2013 16:23	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-30-B		460-182249		09/19/2013 16:06	1	TAL EDI	MCC

Lab ID: 460-62968-31 **Client ID: PMP-2SE-VD**

Sample Date/Time: 09/12/2013 15:45 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-B-31-A		460-182467	460-181338	09/14/2013 13:24	1	TAL EDI	DAS
A:8260B	460-62968-B-31-A		460-182467	460-181338	09/21/2013 08:55	1	TAL EDI	AAT
P:3541	460-62968-E-31-B		460-182283	460-181497	09/16/2013 09:07	5	TAL EDI	HMP
A:8270C	460-62968-E-31-B		460-182283	460-181497	09/20/2013 12:14	5	TAL EDI	MMC
P:3546	460-62968-E-31-A		460-181607	460-181446	09/16/2013 04:37	1	TAL EDI	ARA
A:8082	460-62968-E-31-A		460-181607	460-181446	09/17/2013 01:16	1	TAL EDI	JHP
P:3546	460-62968-E-31-C		460-182075	460-181553	09/16/2013 12:59	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-31-C		460-182075	460-181553	09/19/2013 19:17	1	TAL EDI	HJK
A:Moisture	460-62968-E-31		460-181599		09/16/2013 16:23	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-31-B		460-182249		09/19/2013 16:06	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-32 **Client ID: PMP-2SE-WT**

Sample Date/Time: 09/12/2013 15:50 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-A-32-A		460-182277	460-181329	09/14/2013 11:51	50	TAL EDI	DAS
A:8260B	460-62968-A-32-A		460-182277	460-181329	09/20/2013 03:24	50	TAL EDI	KLB
P:3541	460-62968-E-32-B		460-182394	460-181498	09/16/2013 09:13	10	TAL EDI	HMP
A:8270C	460-62968-E-32-B		460-182394	460-181498	09/20/2013 17:29	10	TAL EDI	MMC
P:3546	460-62968-E-32-A		460-181716	460-181446	09/16/2013 04:37	200	TAL EDI	ARA
A:8082	460-62968-E-32-A		460-181716	460-181446	09/17/2013 10:21	200	TAL EDI	JHP
P:3546	460-62968-E-32-C		460-181947	460-181553	09/16/2013 12:59	20	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-32-C		460-181947	460-181553	09/18/2013 15:48	20	TAL EDI	HJK
A:Moisture	460-62968-E-32		460-181599		09/16/2013 16:23	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-32-B		460-182249		09/19/2013 16:06	1	TAL EDI	MCC

Lab ID: 460-62968-33 **Client ID: PMP-2SE-SI**

Sample Date/Time: 09/12/2013 15:55 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-A-33-A		460-182063	460-181329	09/14/2013 11:52	50	TAL EDI	DAS
A:8260B	460-62968-A-33-A		460-182063	460-181329	09/19/2013 06:12	50	TAL EDI	KLB
P:3541	460-62968-E-33-B		460-182252	460-181498	09/16/2013 09:13	5	TAL EDI	HMP
A:8270C	460-62968-E-33-B		460-182252	460-181498	09/19/2013 23:00	5	TAL EDI	CAZ
P:3546	460-62968-E-33-A		460-181716	460-181446	09/16/2013 04:37	10	TAL EDI	ARA
A:8082	460-62968-E-33-A		460-181716	460-181446	09/17/2013 10:37	10	TAL EDI	JHP
P:3546	460-62968-E-33-C		460-182075	460-181553	09/16/2013 12:59	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-33-C		460-182075	460-181553	09/19/2013 19:32	1	TAL EDI	HJK
A:Moisture	460-62968-E-33		460-181599		09/16/2013 16:23	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-33-B		460-182249		09/19/2013 16:06	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-34 **Client ID: PMP-22SE-VS**

Sample Date/Time: 09/12/2013 16:15 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-B-34-A		460-182467	460-181338	09/14/2013 13:30	1	TAL EDI	DAS
A:8260B	460-62968-B-34-A		460-182467	460-181338	09/21/2013 09:43	1	TAL EDI	AAT
P:3541	460-62968-E-34-B		460-182252	460-181498	09/16/2013 09:13	1	TAL EDI	HMP
A:8270C	460-62968-E-34-B		460-182252	460-181498	09/20/2013 00:39	1	TAL EDI	CAZ
P:3546	460-62968-E-34-A		460-181607	460-181446	09/16/2013 04:37	1	TAL EDI	ARA
A:8082	460-62968-E-34-A		460-181607	460-181446	09/17/2013 02:06	1	TAL EDI	JHP
P:3546	460-62968-E-34-C		460-181694	460-181553	09/16/2013 12:59	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-34-C		460-181694	460-181553	09/17/2013 22:40	1	TAL EDI	HJK
A:Moisture	460-62968-E-34		460-181599		09/16/2013 16:23	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-34-B		460-182249		09/19/2013 16:06	1	TAL EDI	MCC

Lab ID: 460-62968-35 **Client ID: PMP-22SE-VD**

Sample Date/Time: 09/12/2013 16:20 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-B-35-A		460-182221	460-181338	09/14/2013 13:31	1	TAL EDI	DAS
A:8260B	460-62968-B-35-A		460-182221	460-181338	09/19/2013 19:58	1	TAL EDI	AAT
P:3541	460-62968-E-35-D		460-182252	460-181498	09/16/2013 09:13	1	TAL EDI	HMP
A:8270C	460-62968-E-35-D		460-182252	460-181498	09/19/2013 19:18	1	TAL EDI	CAZ
P:3546	460-62968-E-35-A		460-181607	460-181446	09/16/2013 04:37	1	TAL EDI	ARA
A:8082	460-62968-E-35-A		460-181607	460-181446	09/17/2013 02:22	1	TAL EDI	JHP
P:3546	460-62968-E-35-H		460-181947	460-181553	09/16/2013 12:59	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-35-H		460-181947	460-181553	09/18/2013 13:48	1	TAL EDI	HJK
A:Moisture	460-62968-E-35		460-181599		09/16/2013 16:23	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-35-B		460-182249		09/19/2013 16:10	1	TAL EDI	MCC

Lab ID: 460-62968-35 MS **Client ID: PMP-22SE-VD**

Sample Date/Time: 09/12/2013 16:20 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-62968-E-35-B MS		460-182252	460-181498	09/16/2013 09:13	1	TAL EDI	HMP
A:8270C	460-62968-E-35-B MS		460-182252	460-181498	09/19/2013 19:43	1	TAL EDI	CAZ
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

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-35 MSD **Client ID: PMP-22SE-VD**

Sample Date/Time: 09/12/2013 16:20 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-62968-E-35-C MSD		460-182252	460-181498	09/16/2013 09:13	1	TAL EDI	HMP
A:8270C	460-62968-E-35-C MSD		460-182252	460-181498	09/19/2013 20:07	1	TAL EDI	CAZ
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

Lab ID: 460-62968-36 **Client ID: PMP-22SE-WT**

Sample Date/Time: 09/12/2013 16:25 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-C-36-A		460-182082	460-181338	09/14/2013 13:34	1	TAL EDI	DAS
A:8260B	460-62968-C-36-A		460-182082	460-181338	09/19/2013 11:05	1	TAL EDI	AAT
P:3541	460-62968-E-36-B		460-182252	460-181498	09/16/2013 09:13	1	TAL EDI	HMP
A:8270C	460-62968-E-36-B		460-182252	460-181498	09/19/2013 20:32	1	TAL EDI	CAZ
P:3546	460-62968-E-36-A		460-181607	460-181446	09/16/2013 04:37	1	TAL EDI	ARA
A:8082	460-62968-E-36-A		460-181607	460-181446	09/17/2013 02:39	1	TAL EDI	JHP
P:3546	460-62968-E-36-C		460-181694	460-181553	09/16/2013 12:59	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-36-C		460-181694	460-181553	09/17/2013 23:38	1	TAL EDI	HJK
A:Moisture	460-62968-E-36		460-181599		09/16/2013 16:23	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-36-B		460-182249		09/19/2013 16:10	1	TAL EDI	MCC

Lab ID: 460-62968-36 DU **Client ID: PMP-22SE-WT**

Sample Date/Time: 09/12/2013 16:25 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-62968-E-36 DU		460-181599		09/16/2013 16:23	1	TAL EDI	ITR

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-37 **Client ID: PMP-23SE-VS**

Sample Date/Time: 09/12/2013 16:35 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-B-37-A		460-182082	460-181338	09/14/2013 13:35	1	TAL EDI	DAS
A:8260B	460-62968-B-37-A		460-182082	460-181338	09/19/2013 07:13	1	TAL EDI	AAT
P:3541	460-62968-E-37-B		460-182394	460-181498	09/16/2013 09:13	1	TAL EDI	HMP
A:8270C	460-62968-E-37-B		460-182394	460-181498	09/20/2013 16:33	1	TAL EDI	MMC
P:3546	460-62968-E-37-A		460-181607	460-181446	09/16/2013 04:37	1	TAL EDI	ARA
A:8082	460-62968-E-37-A		460-181607	460-181446	09/17/2013 02:55	1	TAL EDI	JHP
P:3546	460-62968-E-37-D		460-182075	460-181994	09/18/2013 12:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-37-D		460-182075	460-181994	09/19/2013 12:04	1	TAL EDI	HJK
A:Moisture	460-62968-E-37		460-181601		09/16/2013 16:35	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-37-B		460-182249		09/19/2013 16:20	1	TAL EDI	MCC

Lab ID: 460-62968-37 MS **Client ID: PMP-23SE-VS**

Sample Date/Time: 09/12/2013 16:35 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-62968-A-37-B MS		460-182249		09/19/2013 16:24	1	TAL EDI	MCC

Lab ID: 460-62968-37 MSD **Client ID: PMP-23SE-VS**

Sample Date/Time: 09/12/2013 16:35 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-62968-A-37-B MSD		460-182249		09/19/2013 16:24	1	TAL EDI	MCC

Lab ID: 460-62968-38 **Client ID: PMP-23SE-VD**

Sample Date/Time: 09/12/2013 16:40 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-C-38-A		460-182221	460-181338	09/14/2013 13:38	1	TAL EDI	DAS
A:8260B	460-62968-C-38-A		460-182221	460-181338	09/19/2013 20:22	1	TAL EDI	AAT
P:3541	460-62968-E-38-B		460-182252	460-181498	09/16/2013 09:13	1	TAL EDI	HMP
A:8270C	460-62968-E-38-B		460-182252	460-181498	09/19/2013 20:57	1	TAL EDI	CAZ
P:3546	460-62968-E-38-A		460-181607	460-181446	09/16/2013 04:37	1	TAL EDI	ARA
A:8082	460-62968-E-38-A		460-181607	460-181446	09/17/2013 03:11	1	TAL EDI	JHP
P:3546	460-62968-E-38-D		460-182075	460-181994	09/18/2013 12:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-38-D		460-182075	460-181994	09/19/2013 12:19	1	TAL EDI	HJK
A:Moisture	460-62968-E-38		460-181601		09/16/2013 16:35	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-38-B		460-182249		09/19/2013 16:20	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

Lab ID: 460-62968-39 **Client ID: PMP-23SE-WT**

Sample Date/Time: 09/12/2013 16:45 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-B-39-A		460-182082	460-181338	09/14/2013 13:39	1	TAL EDI	DAS
A:8260B	460-62968-B-39-A		460-182082	460-181338	09/19/2013 08:01	1	TAL EDI	AAT
P:3541	460-62968-E-39-B		460-182252	460-181498	09/16/2013 10:23	1	TAL EDI	HMP
A:8270C	460-62968-E-39-B		460-182252	460-181498	09/19/2013 21:22	1	TAL EDI	CAZ
P:3546	460-62968-E-39-A		460-181607	460-181446	09/16/2013 04:37	1	TAL EDI	ARA
A:8082	460-62968-E-39-A		460-181607	460-181446	09/17/2013 03:28	1	TAL EDI	JHP
P:3546	460-62968-E-39-D		460-182075	460-181994	09/18/2013 12:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-62968-E-39-D		460-182075	460-181994	09/19/2013 12:34	1	TAL EDI	HJK
A:Moisture	460-62968-E-39		460-181601		09/16/2013 16:35	1	TAL EDI	ITR
A:SM 4500 Cl- E	460-62968-A-39-B		460-182249		09/19/2013 16:20	1	TAL EDI	MCC

Lab ID: 460-62968-40 **Client ID: FB-091213**

Sample Date/Time: 09/12/2013 07:10 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-62968-A-40		460-182051		09/18/2013 21:39	1	TAL EDI	EMM
A:8260B	460-62968-A-40		460-182051		09/18/2013 21:39	1	TAL EDI	EMM
P:3510C	460-62968-F-40-A		460-181879	460-181657	09/17/2013 03:27	1	TAL EDI	JMS
A:8270C	460-62968-F-40-A		460-181879	460-181657	09/18/2013 05:07	1	TAL EDI	VJR
P:3510C	460-62968-E-40-A		460-181958	460-181488	09/16/2013 08:47	1	TAL EDI	HAW
A:8082	460-62968-E-40-A		460-181958	460-181488	09/18/2013 05:13	1	TAL EDI	SAK
P:3510C	460-62968-J-40-A		460-181694	460-181476	09/16/2013 08:19	1	TAL EDI	HAW
A:NJ-OQA-QAM-025	460-62968-J-40-A		460-181694	460-181476	09/17/2013 09:41	1	TAL EDI	HJK
A:SM 4500 Cl- B	460-62968-H-40		460-182049		09/17/2013 16:00	1	TAL EDI	HTV

Lab ID: 460-62968-41 **Client ID: Trip Blank**

Sample Date/Time: 09/12/2013 16:45 Received Date/Time: 09/13/2013 15:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-62968-B-41-A		460-182082	460-181338	09/14/2013 13:41	1	TAL EDI	DAS
A:8260B	460-62968-B-41-A		460-182082	460-181338	09/19/2013 06:49	1	TAL EDI	AAT

Client: Antea USA, Inc. Job Number: 460-62968-1

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 460-181887/6		460-181887		09/18/2013 03:37	1	TAL EDI	AAT
A:8260B	MB 460-182028/8		460-182028		09/18/2013 16:50	1	TAL EDI	AAT
P:5030B	MB 460-182051/6		460-182051		09/18/2013 20:15	1	TAL EDI	EMM
A:8260B	MB 460-182051/6		460-182051		09/18/2013 20:15	1	TAL EDI	EMM
A:8260B	MB 460-182063/5		460-182063		09/18/2013 23:40	50	TAL EDI	KLB
A:8260B	MB 460-182082/7		460-182082		09/19/2013 06:25	1	TAL EDI	AAT
A:8260B	MB 460-182095/8		460-182095		09/19/2013 14:19	50	TAL EDI	SZD
A:8260B	MB 460-182221/5		460-182221		09/19/2013 14:46	1	TAL EDI	AAT
A:8260B	MB 460-182277/7		460-182277		09/20/2013 01:06	50	TAL EDI	KLB
A:8260B	MB 460-182467/8		460-182467		09/21/2013 06:08	1	TAL EDI	AAT
P:3541	MB 460-181416/1-A		460-181524	460-181416	09/15/2013 16:06	1	TAL EDI	CAM
A:8270C	MB 460-181416/1-A		460-181524	460-181416	09/15/2013 22:34	1	TAL EDI	VJR
P:3541	MB 460-181498/1-A		460-181752	460-181498	09/16/2013 09:13	1	TAL EDI	HMP
A:8270C	MB 460-181498/1-A		460-181752	460-181498	09/17/2013 05:38	1	TAL EDI	VJR
P:3510C	MB 460-181657/1-A		460-181879	460-181657	09/17/2013 03:27	1	TAL EDI	JMS
A:8270C	MB 460-181657/1-A		460-181879	460-181657	09/18/2013 03:26	1	TAL EDI	VJR
P:3541	MB 460-181497/1-A		460-182070	460-181497	09/16/2013 09:07	1	TAL EDI	HMP
A:8270C	MB 460-181497/1-A		460-182070	460-181497	09/19/2013 03:49	1	TAL EDI	AAA
P:3546	MB 460-181442/1-A		460-181491	460-181442	09/16/2013 04:32	1	TAL EDI	ARA
A:8082	MB 460-181442/1-A		460-181491	460-181442	09/16/2013 09:41	1	TAL EDI	JHP
P:3546	MB 460-181446/1-A		460-181549	460-181446	09/16/2013 04:37	1	TAL EDI	ARA
A:8082	MB 460-181446/1-A		460-181549	460-181446	09/16/2013 12:13	1	TAL EDI	CDC
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 460-181552/1-A		460-181694	460-181552	09/16/2013 12:54	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	MB 460-181552/1-A		460-181694	460-181552	09/17/2013 10:40	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 460-181994/1-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
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 460-182249/5		460-182249		09/19/2013 14:56	1	TAL EDI	MCC
A:SM 4500 Cl- E	MB 460-182249/29		460-182249		09/19/2013 15:24	1	TAL EDI	MCC
A:SM 4500 Cl- E	MB 460-182249/53		460-182249		09/19/2013 15:50	1	TAL EDI	MCC
A:SM 4500 Cl- E	MB 460-182249/73		460-182249		09/19/2013 16:06	1	TAL EDI	MCC
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: 460-62968-1

Laboratory Chronicle

Lab ID: LB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	LB 460-181620/1-A		460-182249		09/19/2013 14:56	1	TAL EDI	MCC
A:SM 4500 Cl- E	LB 460-181620/1-A		460-182249		09/19/2013 15:24	1	TAL EDI	MCC
A:SM 4500 Cl- E	LB 460-181844/1-A		460-182249		09/19/2013 15:50	1	TAL EDI	MCC
A:SM 4500 Cl- E	LB 460-181844/1-A		460-182249		09/19/2013 15:50	1	TAL EDI	MCC
A:SM 4500 Cl- E	LB 460-181844/1-A		460-182249		09/19/2013 16:06	1	TAL EDI	MCC
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

Client: Antea USA, Inc. Job Number: 460-62968-1

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 460-181887/3		460-181887		09/18/2013 02:12	1	TAL EDI	AAT
A:8260B	LCS 460-182028/5		460-182028		09/18/2013 14:53	1	TAL EDI	AAT
P:5030B	LCS 460-182051/4		460-182051		09/18/2013 19:18	1	TAL EDI	EMM
A:8260B	LCS 460-182051/4		460-182051		09/18/2013 19:18	1	TAL EDI	EMM
A:8260B	LCS 460-182063/3		460-182063		09/18/2013 22:54	50	TAL EDI	KLB
A:8260B	LCS 460-182082/4		460-182082		09/19/2013 05:03	1	TAL EDI	AAT
A:8260B	LCS 460-182095/5		460-182095		09/19/2013 12:40	50	TAL EDI	SZD
A:8260B	LCS 460-182221/3		460-182221		09/19/2013 13:45	1	TAL EDI	AAT
A:8260B	LCS 460-182277/4		460-182277		09/19/2013 23:58	50	TAL EDI	KLB
A:8260B	LCS 460-182467/4		460-182467		09/21/2013 04:20	1	TAL EDI	AAT
P:3541	LCS 460-181416/2-A		460-181524	460-181416	09/15/2013 16:06	1	TAL EDI	CAM
A:8270C	LCS 460-181416/2-A		460-181524	460-181416	09/15/2013 22:13	1	TAL EDI	VJR
P:3541	LCS 460-181498/2-A		460-181752	460-181498	09/16/2013 09:13	1	TAL EDI	HMP
A:8270C	LCS 460-181498/2-A		460-181752	460-181498	09/17/2013 08:41	1	TAL EDI	VJR
P:3541	LCS 460-181497/2-A		460-182070	460-181497	09/16/2013 09:07	1	TAL EDI	HMP
A:8270C	LCS 460-181497/2-A		460-182070	460-181497	09/19/2013 04:13	1	TAL EDI	AAA
P:3510C	LCS 460-181657/2-A		460-182076	460-181657	09/17/2013 03:27	1	TAL EDI	JMS
A:8270C	LCS 460-181657/2-A		460-182076	460-181657	09/19/2013 15:48	1	TAL EDI	VJR
P:3546	LCS 460-181442/2-A		460-181491	460-181442	09/16/2013 04:32	1	TAL EDI	ARA
A:8082	LCS 460-181442/2-A		460-181491	460-181442	09/16/2013 09:57	1	TAL EDI	JHP
P:3546	LCS 460-181446/2-A		460-181549	460-181446	09/16/2013 04:37	1	TAL EDI	ARA
A:8082	LCS 460-181446/2-A		460-181549	460-181446	09/16/2013 12:29	1	TAL EDI	CDC
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 460-181552/2-A		460-181694	460-181552	09/16/2013 12:54	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	LCS 460-181552/2-A		460-181694	460-181552	09/17/2013 10:55	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 460-181994/2-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

Client: Antea USA, Inc. Job Number: 460-62968-1

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 460-181887/4		460-181887		09/18/2013 02:35	1	TAL EDI	AAT
A:8260B	LCSD 460-182028/6		460-182028		09/18/2013 15:33	1	TAL EDI	AAT
A:8260B	LCSD 460-182082/5		460-182082		09/19/2013 05:27	1	TAL EDI	AAT
A:8260B	LCSD 460-182221/4		460-182221		09/19/2013 14:09	1	TAL EDI	AAT
A:8260B	LCSD 460-182467/5		460-182467		09/21/2013 04:44	1	TAL EDI	AAT
P:3510C	LCSD 460-181657/3-A		460-182381	460-181657	09/17/2013 03:27	1	TAL EDI	JMS
A:8270C	LCSD 460-181657/3-A		460-182381	460-181657	09/20/2013 16:15	1	TAL EDI	CAZ
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 460-182249/6		460-182249		09/19/2013 14:56	1	TAL EDI	MCC
A:SM 4500 Cl- E	LCSSRM 460-182249/30		460-182249		09/19/2013 15:24	1	TAL EDI	MCC
A:SM 4500 Cl- E	LCSSRM 460-182249/54		460-182249		09/19/2013 15:50	1	TAL EDI	MCC
A:SM 4500 Cl- E	LCSSRM 460-182249/74		460-182249		09/19/2013 16:06	1	TAL EDI	MCC
A:SM 4500 Cl- E	LCSSRM 460-182249/94		460-182249		09/19/2013 16:20	1	TAL EDI	MCC

Client: Antea USA, Inc. Job Number: 460-62968-1

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	460-62990-A-6 MS		460-182051		09/19/2013 00:01	5	TAL EDI	EMM
A:8260B	460-62990-A-6 MS		460-182051		09/19/2013 00:01	5	TAL EDI	EMM
P:5035	460-62858-D-13-A MS		460-182063	460-181017	09/12/2013 17:51	100	TAL EDI	DAS
A:8260B	460-62858-D-13-A MS		460-182063	460-181017	09/19/2013 01:58	100	TAL EDI	KLB
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	460-63019-A-6-C MS		460-181524	460-181416	09/15/2013 16:06	1	TAL EDI	CAM
A:8270C	460-63019-A-6-C MS		460-181524	460-181416	09/16/2013 03:54	1	TAL EDI	VJR
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
A:Moisture	460-63014-A-1 MS		460-181601		09/16/2013 16:35	1	TAL EDI	ITR
A:SM 4500 Cl- B	460-62915-B-2 MS		460-182049		09/17/2013 16:00	1	TAL EDI	HTV

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	460-62990-A-6 MSD		460-182051		09/19/2013 00:24	5	TAL EDI	EMM
A:8260B	460-62990-A-6 MSD		460-182051		09/19/2013 00:24	5	TAL EDI	EMM
P:5035	460-62858-D-13-A MSD		460-182063	460-181017	09/12/2013 17:51	100	TAL EDI	DAS
A:8260B	460-62858-D-13-A MSD		460-182063	460-181017	09/19/2013 02:21	100	TAL EDI	KLB
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	460-63019-A-6-D MSD		460-181524	460-181416	09/15/2013 16:06	1	TAL EDI	CAM
A:8270C	460-63019-A-6-D MSD		460-181524	460-181416	09/16/2013 04:14	1	TAL EDI	VJR
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
A:Moisture	460-63014-A-1 MSD		460-181601		09/16/2013 16:35	1	TAL EDI	ITR
A:SM 4500 Cl- B	460-62915-B-2 MSD		460-182049		09/17/2013 16:00	1	TAL EDI	HTV

Client: Antea USA, Inc. Job Number: 460-62968-1

Laboratory Chronicle

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	460-63014-A-1 DU		460-181601		09/16/2013 16:35	1	TAL EDI	ITR
A:Moisture	460-62993-E-8 DU		460-181835		09/17/2013 16:52	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.: 460-62968-1

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-27SE-VD	460-62968-1	114	109	102	99
PMP-27SE-WT	460-62968-2	117	114	102	99
PMP-27SE-SI	460-62968-3	89	83	98	105
PMP-27SE-SD	460-62968-4	116	120	124	81
PMP-19SE-VD	460-62968-5	92	83	109	105
PMP-19SE-SI	460-62968-7	94	88	105	103
PMP-26SE-VD	460-62968-8	115	102	97	93
PMP-26SE-SI	460-62968-10	109	103	102	95
PMP-18SE-VD	460-62968-11	114	108	103	96
PMP-18SE-SI	460-62968-13	114	105	99	94
PMP-17SE-VD	460-62968-14	97	90	108	112
PMP-17SE-WT	460-62968-15	90	82	127	75
PMP-17SE-SI	460-62968-16	96	89	108	103
PMP-16SE-VD	460-62968-17	94	91	101	109
PMP-28SE-VD	460-62968-20	90	84	112	116
PMP-28SE-WT	460-62968-21	112	107	116	72
PMP-28SE-SI	460-62968-22	117	110	103	104
PMP-28SE-SD	460-62968-23	90	85	104	102
PMP-9SE-VD	460-62968-24	90	89	106	105
PMP-9SE-WT	460-62968-25	113	106	98	97
PMP-2SE-VD	460-62968-31	108	98	106	129
PMP-22SE-VS	460-62968-34	114	102	114	123
PMP-22SE-VD	460-62968-35	97	90	107	105
PMP-22SE-WT	460-62968-36	93	91	105	106
PMP-23SE-VS	460-62968-37	89	90	105	97
PMP-23SE-VD	460-62968-38	97	92	113	125
PMP-23SE-WT	460-62968-39	90	88	111	101
Trip Blank	460-62968-41	97	94	111	103
	MB 460-181887/6	118	121	96	99
	MB 460-182028/8	123	125	99	98
	MB 460-182082/7	91	90	105	104
	MB 460-182221/5	95	93	103	107
	MB 460-182467/8	106	97	99	106
	LCS 460-181887/3	111	107	95	97
	LCS 460-182028/5	117	116	105	106

	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.: 460-62968-1

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 #
	LCS 460-182082/4	90	89	105	105
	LCS 460-182221/3	93	87	103	100
	LCS 460-182467/4	101	94	99	111
	LCSD 460-181887/4	112	109	101	96
	LCSD 460-182028/6	116	110	105	103
	LCSD 460-182082/5	92	92	107	107
	LCSD 460-182221/4	93	84	107	105
	LCSD 460-182467/5	104	94	103	103

	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.: 460-62968-1

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-19SE-WT	460-62968-6	88	93	79	86
PMP-26SE-WT	460-62968-9	83	88	79	88
PMP-18SE-WT	460-62968-12	157 X	168 X	145	165 X
PMP-16SE-WT	460-62968-18	97	100	88	95
PMP-16SE-SI	460-62968-19	84	89	78	86
PMP-9SE-SI	460-62968-26	87	95	82	93
PMP-24SE-VS	460-62968-27	86	93	82	92
PMP-24SE-VD	460-62968-28	90	90	78	89
PMP-24SE-WT	460-62968-29	87	93	78	88
PMP-24SE-SI	460-62968-30	85	90	79	88
PMP-2SE-WT	460-62968-32	88	96	83	90
PMP-2SE-SI	460-62968-33	87	93	84	93
	MB 460-182063/5	96	99	97	93
	MB 460-182095/8	96	97	96	92
	MB 460-182277/7	99	101	102	97
	LCS 460-182063/3	100	98	96	92
	LCS 460-182095/5	99	99	98	93
	LCS 460-182277/4	98	100	99	94
PMP-19SE-WT MS	460-62968-6 MS	88	86	74	81
	460-62858-D-13-A MS	82	83	74	80
	460-62871-A-1-A MS	90	91	77	85
PMP-19SE-WT MSD	460-62968-6 MSD	91	91	78	83
	460-62858-D-13-A MSD	88	86	78	84
	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.: 460-62968-1

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-091213	460-62968-40	105	113	101	96
	MB 460-182051/6	104	112	101	93
	LCS 460-182051/4	102	103	101	99
	460-62990-A-6 MS	112	120	110	111
	460-62990-A-6 MSD	101	110	100	103

	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D363060.D

Lab ID: LCS 460-181887/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	22.1	110	50-151	
Bromomethane	20.0	25.4	127	54-142	
Vinyl chloride	20.0	22.3	112	67-133	
Chloroethane	20.0	23.8	119	56-146	
Methylene Chloride	20.0	20.3	102	74-137	
Acetone	100	112	112	27-164	
Carbon disulfide	20.0	22.7	114	72-128	
Trichlorofluoromethane	20.0	24.0	120	61-139	
1,1-Dichloroethene	20.0	23.0	115	71-126	
1,1-Dichloroethane	20.0	20.6	103	76-125	
trans-1,2-Dichloroethene	20.0	21.0	105	75-122	
cis-1,2-Dichloroethene	20.0	20.7	103	80-120	
Chloroform	20.0	19.9	99	77-120	
2-Butanone	100	80.3	80	77-117	
1,2-Dichloroethane	20.0	19.5	98	76-118	
1,1,1-Trichloroethane	20.0	22.1	110	78-117	
Carbon tetrachloride	20.0	22.5	112	79-118	
Benzene	20.0	18.1	91	77-117	
Bromoform	20.0	18.7	94	59-125	
Styrene	20.0	18.1	91	82-122	
Ethylbenzene	20.0	18.4	92	81-121	
Chlorobenzene	20.0	17.6	88	80-120	
Cyclohexane	20.0	20.3	102	80-121	
Isopropylbenzene	20.0	19.0	95	65-129	
2-Hexanone	100	81.5	82	70-122	
MTBE	20.0	21.4	107	78-120	
Freon TF	20.0	24.1	121	73-123	
Methyl acetate	100	101	101	73-137	
1,4-Dioxane	400	323	81	69-131	
Trichloroethene	20.0	21.4	107	79-119	
Toluene	20.0	17.1	85	75-115	
trans-1,3-Dichloropropene	20.0	18.4	92	67-121	
4-Methyl-2-pentanone	100	89.4	89	68-120	
cis-1,3-Dichloropropene	20.0	16.3	81	80-123	
1,2-Dichlorobenzene	20.0	18.2	91	80-120	
1,3-Dichlorobenzene	20.0	17.4	87	80-120	
1,4-Dichlorobenzene	20.0	18.3	91	80-120	
1,2,4-Trichlorobenzene	20.0	17.4	87	80-120	
1,2,3-Trichlorobenzene	20.0	18.7	94	75-121	
1,2-Dichloropropane	20.0	19.4	97	82-122	
Methylcyclohexane	20.0	20.7	103	78-118	
Tetrachloroethene	20.0	19.3	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D363060.D

Lab ID: LCS 460-181887/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	36.5	91	82-122	
1,2-Dibromo-3-Chloropropane	20.0	18.9	94	74-118	
1,1,2,2-Tetrachloroethane	20.0	16.4	82	79-122	
1,1,2-Trichloroethane	20.0	17.8	89	73-118	
Dibromochloromethane	20.0	17.3	87	68-120	
1,2-Dibromoethane	20.0	16.5	82	75-117	
Dichlorodifluoromethane	20.0	23.0	115	52-144	
Bromochloromethane	20.0	22.1	110	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D363090.D

Lab ID: LCS 460-182028/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	17.8	89	50-151	
Bromomethane	20.0	20.1	101	54-142	
Vinyl chloride	20.0	17.8	89	67-133	
Chloroethane	20.0	20.3	102	56-146	
Methylene Chloride	20.0	20.7	103	74-137	
Acetone	100	117	117	27-164	
Carbon disulfide	20.0	24.2	121	72-128	
Trichlorofluoromethane	20.0	19.5	98	61-139	
1,1-Dichloroethene	20.0	24.0	120	71-126	
1,1-Dichloroethane	20.0	21.5	107	76-125	
trans-1,2-Dichloroethene	20.0	20.6	103	75-122	
cis-1,2-Dichloroethene	20.0	21.4	107	80-120	
Chloroform	20.0	21.4	107	77-120	
2-Butanone	100	147	147	77-117	*
1,2-Dichloroethane	20.0	21.2	106	76-118	
1,1,1-Trichloroethane	20.0	21.5	107	78-117	
Carbon tetrachloride	20.0	21.8	109	79-118	
Benzene	20.0	18.5	92	77-117	
Bromoform	20.0	19.7	99	59-125	
Styrene	20.0	18.8	94	82-122	
Ethylbenzene	20.0	20.4	102	81-121	
Chlorobenzene	20.0	19.1	95	80-120	
Cyclohexane	20.0	19.6	98	80-121	
Isopropylbenzene	20.0	20.4	102	65-129	
2-Hexanone	100	84.9	85	70-122	
MTBE	20.0	21.1	105	78-120	
Freon TF	20.0	24.5	122	73-123	
Methyl acetate	100	108	108	73-137	
1,4-Dioxane	400	443	111	69-131	
Trichloroethene	20.0	22.5	112	79-119	
Toluene	20.0	17.8	89	75-115	
trans-1,3-Dichloropropene	20.0	18.7	94	67-121	
4-Methyl-2-pentanone	100	86.0	86	68-120	
cis-1,3-Dichloropropene	20.0	16.5	82	80-123	
1,2-Dichlorobenzene	20.0	18.9	95	80-120	
1,3-Dichlorobenzene	20.0	19.1	95	80-120	
1,4-Dichlorobenzene	20.0	18.1	91	80-120	
1,2,4-Trichlorobenzene	20.0	17.6	88	80-120	
1,2,3-Trichlorobenzene	20.0	17.9	90	75-121	
1,2-Dichloropropane	20.0	20.3	101	82-122	
Methylcyclohexane	20.0	20.6	103	78-118	
Tetrachloroethene	20.0	20.4	102	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D363090.D

Lab ID: LCS 460-182028/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	38.3	96	82-122	
1,2-Dibromo-3-Chloropropane	20.0	17.8	89	74-118	
1,1,2,2-Tetrachloroethane	20.0	18.0	90	79-122	
1,1,2-Trichloroethane	20.0	18.7	94	73-118	
Dibromochloromethane	20.0	17.1	86	68-120	
1,2-Dibromoethane	20.0	17.2	86	75-117	
Dichlorodifluoromethane	20.0	16.6	83	52-144	
Bromochloromethane	20.0	20.5	102	74-125	
Bromodichloromethane	20.0	21.7	108	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.: 460-62968-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P75168.D

Lab ID: LCS 460-182051/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	29.1	145	58-146	
Bromomethane	20.0	14.6	73	55-153	
Vinyl chloride	20.0	21.3	106	61-144	
Chloroethane	20.0	22.6	113	69-145	
Methylene Chloride	20.0	22.0	110	79-119	
Acetone	100	97.0	97	45-156	
Carbon disulfide	20.0	23.7	118	58-139	
Trichlorofluoromethane	20.0	22.8	114	69-147	
1,1-Dichloroethene	20.0	22.1	111	56-139	
1,1-Dichloroethane	20.0	23.4	117	78-122	
trans-1,2-Dichloroethene	20.0	23.0	115	75-122	
cis-1,2-Dichloroethene	20.0	21.4	107	80-120	
Chloroform	20.0	22.0	110	82-123	
2-Butanone	100	91.6	92	65-114	
1,2-Dichloroethane	20.0	22.5	113	74-118	
1,1,1-Trichloroethane	20.0	22.9	114	74-128	
Carbon tetrachloride	20.0	24.5	123	73-120	*
Benzene	20.0	21.3	107	83-124	
Bromoform	20.0	17.7	89	73-123	
Styrene	20.0	20.7	103	69-112	
Ethylbenzene	20.0	21.0	105	79-126	
Chlorobenzene	20.0	20.7	104	81-121	
Cyclohexane	20.0	24.1	120	58-133	
Isopropylbenzene	20.0	22.3	111	80-125	
2-Hexanone	100	79.8	80	53-121	
MTBE	20.0	20.6	103	71-115	
Freon TF	20.0	23.1	115	47-139	
Methyl acetate	100	99.8	100	50-151	
1,4-Dioxane	400	396	99	52-126	
Trichloroethene	20.0	21.4	107	78-119	
Toluene	20.0	21.1	106	80-120	
trans-1,3-Dichloropropene	20.0	21.6	108	78-118	
4-Methyl-2-pentanone	100	82.1	82	53-120	
cis-1,3-Dichloropropene	20.0	22.0	110	80-120	
1,2-Dichlorobenzene	20.0	19.2	96	82-122	
1,3-Dichlorobenzene	20.0	19.7	99	81-126	
1,4-Dichlorobenzene	20.0	19.7	99	83-123	
1,2,4-Trichlorobenzene	20.0	16.5	82	66-120	
1,2,3-Trichlorobenzene	20.0	17.2	86	76-123	
1,2-Dichloropropane	20.0	21.1	105	80-120	
Methylcyclohexane	20.0	23.2	116	61-129	
Tetrachloroethene	20.0	20.4	102	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.: 460-62968-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P75168.D

Lab ID: LCS 460-182051/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	42.1	105	76-121	
1,2-Dibromo-3-Chloropropane	20.0	18.9	95	70-116	
1,1,2,2-Tetrachloroethane	20.0	17.7	89	74-126	
1,1,2-Trichloroethane	20.0	18.7	94	79-119	
Dibromochloromethane	20.0	19.0	95	80-120	
1,2-Dibromoethane	20.0	18.7	93	78-118	
Dichlorodifluoromethane	20.0	21.0	105	46-145	
Bromochloromethane	20.0	20.0	100	80-121	
Bromodichloromethane	20.0	21.3	107	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60639.D

Lab ID: LCS 460-182063/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	1000	821	82	52-144	
Bromomethane	1000	927	93	58-154	
Vinyl chloride	1000	964	96	55-154	
Chloroethane	1000	1020	102	66-144	
Methylene Chloride	1000	994	99	78-118	
Acetone	5000	4410	88	48-177	
Carbon disulfide	1000	852	85	70-120	
Trichlorofluoromethane	1000	1050	105	60-148	
1,1-Dichloroethene	1000	893	89	68-138	
1,1-Dichloroethane	1000	995	99	79-119	
trans-1,2-Dichloroethene	1000	951	95	73-119	
cis-1,2-Dichloroethene	1000	988	99	78-118	
Chloroform	1000	1020	102	81-122	
2-Butanone	5000	4750	95	70-139	
1,2-Dichloroethane	1000	954	95	81-121	
1,1,1-Trichloroethane	1000	1010	101	78-118	
Carbon tetrachloride	1000	1020	102	64-130	
Benzene	1000	986	99	71-118	
Bromoform	1000	945	94	76-133	
Styrene	1000	1020	102	73-126	
Ethylbenzene	1000	1010	101	78-124	
Chlorobenzene	1000	975	98	69-124	
Cyclohexane	1000	1070	107	69-128	
Isopropylbenzene	1000	1050	105	80-143	
2-Hexanone	5000	4510	90	62-123	
MTBE	1000	1010	101	65-143	
Freon TF	1000	802	80	50-128	
Methyl acetate	5000	4730	95	72-165	
1,4-Dioxane	20000	20500	103	54-147	
Trichloroethene	1000	944	94	82-122	
Toluene	1000	970	97	79-136	
trans-1,3-Dichloropropene	1000	947	95	73-118	
4-Methyl-2-pentanone	5000	4780	96	69-124	
cis-1,3-Dichloropropene	1000	979	98	75-120	
1,2-Dichlorobenzene	1000	993	99	83-123	
1,3-Dichlorobenzene	1000	1030	103	83-123	
1,4-Dichlorobenzene	1000	988	99	84-124	
1,2,4-Trichlorobenzene	1000	1050	105	62-144	
1,2,3-Trichlorobenzene	1000	1160	116	36-207	
1,2-Dichloropropane	1000	952	95	78-118	
Methylcyclohexane	1000	1130	113	80-134	
Tetrachloroethene	1000	985	98	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60639.D

Lab ID: LCS 460-182063/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	2000	2040	102	78-126	
1,2-Dibromo-3-Chloropropane	1000	929	93	62-127	
1,1,2,2-Tetrachloroethane	1000	987	99	86-145	
1,1,2-Trichloroethane	1000	985	99	77-120	
Dibromochloromethane	1000	945	94	78-118	
1,2-Dibromoethane	1000	946	95	76-120	
Dichlorodifluoromethane	1000	986	99	41-149	
Bromochloromethane	1000	956	96	81-121	
Bromodichloromethane	1000	931	93	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D363116.D

Lab ID: LCS 460-182082/4 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	17.7	89	54-142	
Vinyl chloride	20.0	16.8	84	67-133	
Chloroethane	20.0	18.8	94	56-146	
Methylene Chloride	20.0	16.6	83	74-137	
Acetone	100	101	101	27-164	
Carbon disulfide	20.0	20.2	101	72-128	
Trichlorofluoromethane	20.0	16.4	82	61-139	
1,1-Dichloroethene	20.0	19.3	97	71-126	
1,1-Dichloroethane	20.0	16.9	84	76-125	
trans-1,2-Dichloroethene	20.0	15.6	78	75-122	
cis-1,2-Dichloroethene	20.0	16.4	82	80-120	
Chloroform	20.0	15.7	78	77-120	
2-Butanone	100	90.6	91	77-117	
1,2-Dichloroethane	20.0	15.6	78	76-118	
1,1,1-Trichloroethane	20.0	15.8	79	78-117	
Carbon tetrachloride	20.0	16.0	80	79-118	
Benzene	20.0	18.0	90	77-117	
Bromoform	20.0	17.8	89	59-125	
Styrene	20.0	17.5	87	82-122	
Ethylbenzene	20.0	18.7	94	81-121	
Chlorobenzene	20.0	18.2	91	80-120	
Cyclohexane	20.0	16.7	84	80-121	
Isopropylbenzene	20.0	18.6	93	65-129	
2-Hexanone	100	105	105	70-122	
MTBE	20.0	16.5	83	78-120	
Freon TF	20.0	18.7	94	73-123	
Methyl acetate	100	101	101	73-137	
1,4-Dioxane	400	382	96	69-131	
Trichloroethene	20.0	17.4	87	79-119	
Toluene	20.0	17.7	89	75-115	
trans-1,3-Dichloropropene	20.0	17.6	88	67-121	
4-Methyl-2-pentanone	100	105	105	68-120	
cis-1,3-Dichloropropene	20.0	17.8	89	80-123	
1,2-Dichlorobenzene	20.0	18.4	92	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	18.0	90	80-120	
1,2,3-Trichlorobenzene	20.0	18.9	94	75-121	
1,2-Dichloropropane	20.0	18.4	92	82-122	
Methylcyclohexane	20.0	17.3	87	78-118	
Tetrachloroethene	20.0	18.0	90	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D363116.D

Lab ID: LCS 460-182082/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	35.9	90	82-122	
1,2-Dibromo-3-Chloropropane	20.0	19.1	95	74-118	
1,1,2,2-Tetrachloroethane	20.0	20.7	103	79-122	
1,1,2-Trichloroethane	20.0	19.9	100	73-118	
Dibromochloromethane	20.0	17.5	88	68-120	
1,2-Dibromoethane	20.0	17.2	86	75-117	
Dichlorodifluoromethane	20.0	12.2	61	52-144	
Bromochloromethane	20.0	15.7	78	74-125	
Bromodichloromethane	20.0	16.8	84	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D363138.D

Lab ID: LCS 460-182221/3 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	20.7	104	54-142	
Vinyl chloride	20.0	20.9	105	67-133	
Chloroethane	20.0	20.6	103	56-146	
Methylene Chloride	20.0	18.1	90	74-137	
Acetone	100	98.9	99	27-164	
Carbon disulfide	20.0	20.5	103	72-128	
Trichlorofluoromethane	20.0	17.4	87	61-139	
1,1-Dichloroethene	20.0	20.2	101	71-126	
1,1-Dichloroethane	20.0	19.1	95	76-125	
trans-1,2-Dichloroethene	20.0	17.0	85	75-122	
cis-1,2-Dichloroethene	20.0	18.1	90	80-120	
Chloroform	20.0	18.2	91	77-120	
2-Butanone	100	109	109	77-117	
1,2-Dichloroethane	20.0	16.3	82	76-118	
1,1,1-Trichloroethane	20.0	17.2	86	78-117	
Carbon tetrachloride	20.0	17.1	85	79-118	
Benzene	20.0	20.1	100	77-117	
Bromoform	20.0	18.8	94	59-125	
Styrene	20.0	19.8	99	82-122	
Ethylbenzene	20.0	20.4	102	81-121	
Chlorobenzene	20.0	19.2	96	80-120	
Cyclohexane	20.0	19.1	96	80-121	
Isopropylbenzene	20.0	20.6	103	65-129	
2-Hexanone	100	91.0	91	70-122	
MTBE	20.0	18.4	92	78-120	
Freon TF	20.0	20.6	103	73-123	
Methyl acetate	100	103	103	73-137	
1,4-Dioxane	400	347	87	69-131	
Trichloroethene	20.0	18.3	92	79-119	
Toluene	20.0	19.4	97	75-115	
trans-1,3-Dichloropropene	20.0	19.4	97	67-121	
4-Methyl-2-pentanone	100	102	102	68-120	
cis-1,3-Dichloropropene	20.0	18.8	94	80-123	
1,2-Dichlorobenzene	20.0	19.1	96	80-120	
1,3-Dichlorobenzene	20.0	18.7	94	80-120	
1,4-Dichlorobenzene	20.0	19.3	97	80-120	
1,2,4-Trichlorobenzene	20.0	18.6	93	80-120	
1,2,3-Trichlorobenzene	20.0	19.3	97	75-121	
1,2-Dichloropropane	20.0	19.1	96	82-122	
Methylcyclohexane	20.0	18.2	91	78-118	
Tetrachloroethene	20.0	20.5	103	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D363138.D

Lab ID: LCS 460-182221/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	39.3	98	82-122	
1,2-Dibromo-3-Chloropropane	20.0	17.2	86	74-118	
1,1,2,2-Tetrachloroethane	20.0	19.1	96	79-122	
1,1,2-Trichloroethane	20.0	19.9	99	73-118	
Dibromochloromethane	20.0	18.0	90	68-120	
1,2-Dibromoethane	20.0	18.5	92	75-117	
Dichlorodifluoromethane	20.0	17.4	87	52-144	
Bromochloromethane	20.0	16.9	85	74-125	
Bromodichloromethane	20.0	17.6	88	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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D363219.D

Lab ID: LCS 460-182467/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	17.8	89	50-151	
Bromomethane	20.0	20.5	102	54-142	
Vinyl chloride	20.0	19.0	95	67-133	
Chloroethane	20.0	19.3	96	56-146	
Methylene Chloride	20.0	16.3	82	74-137	
Acetone	100	84.8	85	27-164	
Carbon disulfide	20.0	17.7	88	72-128	
Trichlorofluoromethane	20.0	19.3	96	61-139	
1,1-Dichloroethene	20.0	19.1	96	71-126	
1,1-Dichloroethane	20.0	17.2	86	76-125	
trans-1,2-Dichloroethene	20.0	16.5	82	75-122	
cis-1,2-Dichloroethene	20.0	17.1	86	80-120	
Chloroform	20.0	17.3	86	77-120	
2-Butanone	100	91.2	91	77-117	
1,2-Dichloroethane	20.0	15.4	77	76-118	
1,1,1-Trichloroethane	20.0	17.2	86	78-117	
Carbon tetrachloride	20.0	18.2	91	79-118	
Benzene	20.0	16.8	84	77-117	
Bromoform	20.0	19.7	98	59-125	
Styrene	20.0	17.9	89	82-122	
Ethylbenzene	20.0	18.2	91	81-121	
Chlorobenzene	20.0	17.8	89	80-120	
Cyclohexane	20.0	16.1	80	80-121	
Isopropylbenzene	20.0	19.7	98	65-129	
2-Hexanone	100	75.7	76	70-122	
MTBE	20.0	16.8	84	78-120	
Freon TF	20.0	18.6	93	73-123	
Methyl acetate	100	81.6	82	73-137	
1,4-Dioxane	400	374	93	69-131	
Trichloroethene	20.0	17.4	87	79-119	
Toluene	20.0	16.8	84	75-115	
trans-1,3-Dichloropropene	20.0	17.0	85	67-121	
4-Methyl-2-pentanone	100	79.0	79	68-120	
cis-1,3-Dichloropropene	20.0	16.1	80	80-123	
1,2-Dichlorobenzene	20.0	18.3	92	80-120	
1,3-Dichlorobenzene	20.0	18.7	94	80-120	
1,4-Dichlorobenzene	20.0	18.5	92	80-120	
1,2,4-Trichlorobenzene	20.0	18.7	94	80-120	
1,2,3-Trichlorobenzene	20.0	19.5	97	75-121	
1,2-Dichloropropane	20.0	15.5	78	82-122	*
Methylcyclohexane	20.0	17.1	85	78-118	
Tetrachloroethene	20.0	20.8	104	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D363219.D

Lab ID: LCS 460-182467/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	36.3	91	82-122	
1,2-Dibromo-3-Chloropropane	20.0	16.7	83	74-118	
1,1,2,2-Tetrachloroethane	20.0	16.2	81	79-122	
1,1,2-Trichloroethane	20.0	17.2	86	73-118	
Dibromochloromethane	20.0	17.1	86	68-120	
1,2-Dibromoethane	20.0	16.5	82	75-117	
Dichlorodifluoromethane	20.0	18.5	92	52-144	
Bromochloromethane	20.0	18.5	93	74-125	
Bromodichloromethane	20.0	16.6	83	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D363061.D

Lab ID: LCSD 460-181887/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	18.8	94	16	30	50-151	
Bromomethane	20.0	22.4	112	12	30	54-142	
Vinyl chloride	20.0	20.7	104	7	30	67-133	
Chloroethane	20.0	22.8	114	4	30	56-146	
Methylene Chloride	20.0	21.9	110	8	30	74-137	
Acetone	100	112	112	0	30	27-164	
Carbon disulfide	20.0	22.8	114	0	30	72-128	
Trichlorofluoromethane	20.0	22.3	111	7	30	61-139	
1,1-Dichloroethene	20.0	22.7	114	1	30	71-126	
1,1-Dichloroethane	20.0	21.7	109	5	30	76-125	
trans-1,2-Dichloroethene	20.0	20.1	101	4	30	75-122	
cis-1,2-Dichloroethene	20.0	21.4	107	3	30	80-120	
Chloroform	20.0	21.0	105	5	30	77-120	
2-Butanone	100	88.9	89	10	30	77-117	
1,2-Dichloroethane	20.0	21.1	106	8	30	76-118	
1,1,1-Trichloroethane	20.0	21.2	106	4	30	78-117	
Carbon tetrachloride	20.0	20.5	103	9	30	79-118	
Benzene	20.0	18.8	94	4	30	77-117	
Bromoform	20.0	18.4	92	2	30	59-125	
Styrene	20.0	18.9	94	4	30	82-122	
Ethylbenzene	20.0	19.1	96	4	30	81-121	
Chlorobenzene	20.0	18.7	94	6	30	80-120	
Cyclohexane	20.0	20.3	101	0	30	80-121	
Isopropylbenzene	20.0	20.2	101	6	30	65-129	
2-Hexanone	100	86.2	86	6	30	70-122	
MTBE	20.0	20.7	104	3	30	78-120	
Freon TF	20.0	22.8	114	6	30	73-123	
Methyl acetate	100	112	112	11	30	73-137	
1,4-Dioxane	400	366	91	13	30	69-131	
Trichloroethene	20.0	21.6	108	1	30	79-119	
Toluene	20.0	18.2	91	6	30	75-115	
trans-1,3-Dichloropropene	20.0	18.7	93	2	30	67-121	
4-Methyl-2-pentanone	100	91.9	92	3	30	68-120	
cis-1,3-Dichloropropene	20.0	17.8	89	9	30	80-123	
1,2-Dichlorobenzene	20.0	17.5	87	4	30	80-120	
1,3-Dichlorobenzene	20.0	17.9	90	3	30	80-120	
1,4-Dichlorobenzene	20.0	18.3	91	0	30	80-120	
1,2,4-Trichlorobenzene	20.0	17.4	87	0	30	80-120	
1,2,3-Trichlorobenzene	20.0	18.3	91	2	30	75-121	
1,2-Dichloropropane	20.0	19.9	100	3	30	82-122	
Methylcyclohexane	20.0	20.0	100	3	30	78-118	
Tetrachloroethene	20.0	21.0	105	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D363061.D

Lab ID: LCSD 460-181887/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	40.0	37.6	94	3	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	16.8	84	12	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	17.2	86	4	30	79-122	
1,1,2-Trichloroethane	20.0	17.9	90	1	30	73-118	
Dibromochloromethane	20.0	17.5	88	1	30	68-120	
1,2-Dibromoethane	20.0	18.1	90	9	30	75-117	
Dichlorodifluoromethane	20.0	18.6	93	21	30	52-144	
Bromochloromethane	20.0	22.5	113	2	30	74-125	
Bromodichloromethane	20.0	20.4	102	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D363091.D

Lab ID: LCSD 460-182028/6 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	19.0	95	7	30	50-151	
Bromomethane	20.0	24.2	121	19	30	54-142	
Vinyl chloride	20.0	21.0	105	17	30	67-133	
Chloroethane	20.0	22.3	112	9	30	56-146	
Methylene Chloride	20.0	19.7	98	5	30	74-137	
Acetone	100	84.3	84	33	30	27-164	*
Carbon disulfide	20.0	23.2	116	4	30	72-128	
Trichlorofluoromethane	20.0	22.1	110	12	30	61-139	
1,1-Dichloroethene	20.0	23.6	118	1	30	71-126	
1,1-Dichloroethane	20.0	20.5	103	5	30	76-125	
trans-1,2-Dichloroethene	20.0	19.8	99	4	30	75-122	
cis-1,2-Dichloroethene	20.0	19.7	98	8	30	80-120	
Chloroform	20.0	20.2	101	6	30	77-120	
2-Butanone	100	88.6	89	50	30	77-117	*
1,2-Dichloroethane	20.0	20.2	101	5	30	76-118	
1,1,1-Trichloroethane	20.0	20.7	104	4	30	78-117	
Carbon tetrachloride	20.0	21.9	110	1	30	79-118	
Benzene	20.0	18.1	91	2	30	77-117	
Bromoform	20.0	18.8	94	5	30	59-125	
Styrene	20.0	18.3	92	3	30	82-122	
Ethylbenzene	20.0	18.6	93	9	30	81-121	
Chlorobenzene	20.0	18.3	92	4	30	80-120	
Cyclohexane	20.0	19.6	98	0	30	80-121	
Isopropylbenzene	20.0	19.5	98	4	30	65-129	
2-Hexanone	100	80.9	81	5	30	70-122	
MTBE	20.0	20.8	104	1	30	78-120	
Freon TF	20.0	23.7	118	3	30	73-123	
Methyl acetate	100	109	109	0	30	73-137	
1,4-Dioxane	400	368	92	19	30	69-131	
Trichloroethene	20.0	20.1	101	11	30	79-119	
Toluene	20.0	18.0	90	1	30	75-115	
trans-1,3-Dichloropropene	20.0	18.0	90	4	30	67-121	
4-Methyl-2-pentanone	100	87.7	88	2	30	68-120	
cis-1,3-Dichloropropene	20.0	16.3	82	1	30	80-123	
1,2-Dichlorobenzene	20.0	17.9	89	6	30	80-120	
1,3-Dichlorobenzene	20.0	16.8	84	13	30	80-120	
1,4-Dichlorobenzene	20.0	17.0	85	6	30	80-120	
1,2,4-Trichlorobenzene	20.0	17.1	86	3	30	80-120	
1,2,3-Trichlorobenzene	20.0	18.0	90	0	30	75-121	
1,2-Dichloropropane	20.0	20.8	104	2	30	82-122	
Methylcyclohexane	20.0	20.0	100	3	30	78-118	
Tetrachloroethene	20.0	19.8	99	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D363091.D

Lab ID: LCSD 460-182028/6 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	40.0	36.6	91	5	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	15.9	79	11	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	15.8	79	13	30	79-122	
1,1,2-Trichloroethane	20.0	18.5	93	1	30	73-118	
Dibromochloromethane	20.0	17.8	89	4	30	68-120	
1,2-Dibromoethane	20.0	16.8	84	2	30	75-117	
Dichlorodifluoromethane	20.0	19.3	97	15	30	52-144	
Bromochloromethane	20.0	20.5	102	0	30	74-125	
Bromodichloromethane	20.0	19.9	99	9	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D363117.D

Lab ID: LCSD 460-182082/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	19.6	98	23	30	50-151	
Bromomethane	20.0	21.3	107	18	30	54-142	
Vinyl chloride	20.0	19.2	96	13	30	67-133	
Chloroethane	20.0	21.7	109	14	30	56-146	
Methylene Chloride	20.0	17.2	86	4	30	74-137	
Acetone	100	97.1	97	4	30	27-164	
Carbon disulfide	20.0	21.2	106	5	30	72-128	
Trichlorofluoromethane	20.0	17.3	86	5	30	61-139	
1,1-Dichloroethene	20.0	20.6	103	6	30	71-126	
1,1-Dichloroethane	20.0	18.7	93	10	30	76-125	
trans-1,2-Dichloroethene	20.0	16.4	82	5	30	75-122	
cis-1,2-Dichloroethene	20.0	16.9	85	3	30	80-120	
Chloroform	20.0	16.6	83	6	30	77-120	
2-Butanone	100	83.2	83	8	30	77-117	
1,2-Dichloroethane	20.0	16.1	80	3	30	76-118	
1,1,1-Trichloroethane	20.0	16.6	83	5	30	78-117	
Carbon tetrachloride	20.0	16.6	83	3	30	79-118	
Benzene	20.0	18.2	91	1	30	77-117	
Bromoform	20.0	18.7	93	5	30	59-125	
Styrene	20.0	19.2	96	10	30	82-122	
Ethylbenzene	20.0	19.2	96	3	30	81-121	
Chlorobenzene	20.0	18.8	94	3	30	80-120	
Cyclohexane	20.0	18.3	91	9	30	80-121	
Isopropylbenzene	20.0	20.2	101	8	30	65-129	
2-Hexanone	100	99.8	100	5	30	70-122	
MTBE	20.0	17.8	89	7	30	78-120	
Freon TF	20.0	19.5	98	4	30	73-123	
Methyl acetate	100	104	104	3	30	73-137	
1,4-Dioxane	400	292	73	27	30	69-131	
Trichloroethene	20.0	17.9	90	3	30	79-119	
Toluene	20.0	18.7	94	5	30	75-115	
trans-1,3-Dichloropropene	20.0	18.9	94	7	30	67-121	
4-Methyl-2-pentanone	100	109	109	3	30	68-120	
cis-1,3-Dichloropropene	20.0	18.4	92	4	30	80-123	
1,2-Dichlorobenzene	20.0	18.5	92	0	30	80-120	
1,3-Dichlorobenzene	20.0	18.9	95	3	30	80-120	
1,4-Dichlorobenzene	20.0	18.9	94	1	30	80-120	
1,2,4-Trichlorobenzene	20.0	18.9	95	5	30	80-120	
1,2,3-Trichlorobenzene	20.0	19.9	99	5	30	75-121	
1,2-Dichloropropane	20.0	19.2	96	4	30	82-122	
Methylcyclohexane	20.0	18.2	91	5	30	78-118	
Tetrachloroethene	20.0	19.4	97	8	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D363117.D

Lab ID: LCSD 460-182082/5 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	8	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	18.9	94	1	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	19.9	99	4	30	79-122	
1,1,2-Trichloroethane	20.0	19.8	99	1	30	73-118	
Dibromochloromethane	20.0	17.5	88	0	30	68-120	
1,2-Dibromoethane	20.0	18.6	93	8	30	75-117	
Dichlorodifluoromethane	20.0	16.1	80	27	30	52-144	
Bromochloromethane	20.0	15.2	76	3	30	74-125	
Bromodichloromethane	20.0	17.7	88	5	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D363139.D

Lab ID: LCSD 460-182221/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	20.5	102	4	30	50-151	
Bromomethane	20.0	22.2	111	7	30	54-142	
Vinyl chloride	20.0	21.3	107	2	30	67-133	
Chloroethane	20.0	21.1	105	2	30	56-146	
Methylene Chloride	20.0	16.8	84	7	30	74-137	
Acetone	100	90.2	90	9	30	27-164	
Carbon disulfide	20.0	19.2	96	7	30	72-128	
Trichlorofluoromethane	20.0	17.6	88	1	30	61-139	
1,1-Dichloroethene	20.0	19.0	95	6	30	71-126	
1,1-Dichloroethane	20.0	17.8	89	7	30	76-125	
trans-1,2-Dichloroethene	20.0	16.0	80	6	30	75-122	
cis-1,2-Dichloroethene	20.0	16.9	85	7	30	80-120	
Chloroform	20.0	16.7	84	9	30	77-120	
2-Butanone	100	122	122	11	30	77-117	*
1,2-Dichloroethane	20.0	15.7	78	4	30	76-118	
1,1,1-Trichloroethane	20.0	15.9	79	8	30	78-117	
Carbon tetrachloride	20.0	16.4	82	4	30	79-118	
Benzene	20.0	18.5	92	8	30	77-117	
Bromoform	20.0	17.5	87	7	30	59-125	
Styrene	20.0	18.2	91	8	30	82-122	
Ethylbenzene	20.0	18.3	91	11	30	81-121	
Chlorobenzene	20.0	18.3	91	5	30	80-120	
Cyclohexane	20.0	17.4	87	9	30	80-121	
Isopropylbenzene	20.0	19.9	100	3	30	65-129	
2-Hexanone	100	90.7	91	0	30	70-122	
MTBE	20.0	17.5	87	5	30	78-120	
Freon TF	20.0	19.2	96	7	30	73-123	
Methyl acetate	100	99.2	99	4	30	73-137	
1,4-Dioxane	400	381	95	9	30	69-131	
Trichloroethene	20.0	16.7	84	9	30	79-119	
Toluene	20.0	17.8	89	8	30	75-115	
trans-1,3-Dichloropropene	20.0	18.2	91	6	30	67-121	
4-Methyl-2-pentanone	100	98.7	99	3	30	68-120	
cis-1,3-Dichloropropene	20.0	17.6	88	6	30	80-123	
1,2-Dichlorobenzene	20.0	18.2	91	5	30	80-120	
1,3-Dichlorobenzene	20.0	18.1	90	4	30	80-120	
1,4-Dichlorobenzene	20.0	17.3	87	11	30	80-120	
1,2,4-Trichlorobenzene	20.0	17.2	86	8	30	80-120	
1,2,3-Trichlorobenzene	20.0	19.3	97	0	30	75-121	
1,2-Dichloropropane	20.0	16.9	85	12	30	82-122	
Methylcyclohexane	20.0	16.9	85	7	30	78-118	
Tetrachloroethene	20.0	18.7	94	9	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D363139.D

Lab ID: LCSD 460-182221/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	40.0	37.2	93	6	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	17.7	89	3	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	17.6	88	9	30	79-122	
1,1,2-Trichloroethane	20.0	19.2	96	4	30	73-118	
Dibromochloromethane	20.0	16.5	82	9	30	68-120	
1,2-Dibromoethane	20.0	16.4	82	12	30	75-117	
Dichlorodifluoromethane	20.0	16.9	84	3	30	52-144	
Bromochloromethane	20.0	15.1	76	11	30	74-125	
Bromodichloromethane	20.0	15.9	79	10	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D363220.D

Lab ID: LCSD 460-182467/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	18.0	90	2	30	50-151	
Bromomethane	20.0	22.2	111	8	30	54-142	
Vinyl chloride	20.0	19.6	98	3	30	67-133	
Chloroethane	20.0	20.4	102	6	30	56-146	
Methylene Chloride	20.0	16.7	84	3	30	74-137	
Acetone	100	98.1	98	15	30	27-164	
Carbon disulfide	20.0	18.5	93	5	30	72-128	
Trichlorofluoromethane	20.0	20.3	101	5	30	61-139	
1,1-Dichloroethene	20.0	19.5	98	2	30	71-126	
1,1-Dichloroethane	20.0	17.2	86	0	30	76-125	
trans-1,2-Dichloroethene	20.0	16.5	83	0	30	75-122	
cis-1,2-Dichloroethene	20.0	17.9	89	4	30	80-120	
Chloroform	20.0	17.4	87	0	30	77-120	
2-Butanone	100	110	110	19	30	77-117	
1,2-Dichloroethane	20.0	17.0	85	10	30	76-118	
1,1,1-Trichloroethane	20.0	18.4	92	7	30	78-117	
Carbon tetrachloride	20.0	19.1	95	5	30	79-118	
Benzene	20.0	17.5	87	4	30	77-117	
Bromoform	20.0	20.8	104	6	30	59-125	
Styrene	20.0	18.0	90	1	30	82-122	
Ethylbenzene	20.0	19.1	95	5	30	81-121	
Chlorobenzene	20.0	18.4	92	3	30	80-120	
Cyclohexane	20.0	16.7	84	4	30	80-121	
Isopropylbenzene	20.0	20.2	101	3	30	65-129	
2-Hexanone	100	81.5	82	7	30	70-122	
MTBE	20.0	17.9	89	6	30	78-120	
Freon TF	20.0	19.8	99	6	30	73-123	
Methyl acetate	100	89.0	89	9	30	73-137	
1,4-Dioxane	400	377	94	1	30	69-131	
Trichloroethene	20.0	18.0	90	3	30	79-119	
Toluene	20.0	17.2	86	2	30	75-115	
trans-1,3-Dichloropropene	20.0	17.2	86	1	30	67-121	
4-Methyl-2-pentanone	100	83.7	84	6	30	68-120	
cis-1,3-Dichloropropene	20.0	16.7	83	4	30	80-123	
1,2-Dichlorobenzene	20.0	18.3	91	0	30	80-120	
1,3-Dichlorobenzene	20.0	17.8	89	5	30	80-120	
1,4-Dichlorobenzene	20.0	17.8	89	4	30	80-120	
1,2,4-Trichlorobenzene	20.0	19.4	97	4	30	80-120	
1,2,3-Trichlorobenzene	20.0	20.3	101	4	30	75-121	
1,2-Dichloropropane	20.0	15.9	80	2	30	82-122	*
Methylcyclohexane	20.0	17.3	86	1	30	78-118	
Tetrachloroethene	20.0	22.2	111	7	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D363220.D

Lab ID: LCSD 460-182467/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	40.0	37.9	95	4	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	18.4	92	10	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	15.1	76	7	30	79-122	*
1,1,2-Trichloroethane	20.0	18.0	90	4	30	73-118	
Dibromochloromethane	20.0	18.6	93	8	30	68-120	
1,2-Dibromoethane	20.0	17.9	89	8	30	75-117	
Dichlorodifluoromethane	20.0	19.1	95	3	30	52-144	
Bromochloromethane	20.0	19.2	96	3	30	74-125	
Bromodichloromethane	20.0	17.5	88	5	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60676.D

Lab ID: 460-62968-6 MS Client ID: PMP-19SE-WT MS

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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60676.D

Lab ID: 460-62968-6 MS Client ID: PMP-19SE-WT MS

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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60647.D

Lab ID: 460-62858-D-13-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloromethane	1550	7.5 U	1240	80	52-144	
Bromomethane	1550	14 U	1270	82	58-164	
Vinyl chloride	1550	11 U	1410	91	55-154	
Chloroethane	1550	13 U	1500	97	66-144	
Methylene Chloride	1550	14 U	1460	94	78-118	
Acetone	7730	210 U	5970	77	48-177	
Carbon disulfide	1550	9.7 U	1080	70	70-120	
Trichlorofluoromethane	1550	11 U	1140	74	60-148	
1,1-Dichloroethene	1550	6.8 U	1290	83	68-138	
1,1-Dichloroethane	1550	10 U	1460	94	79-119	
trans-1,2-Dichloroethene	1550	10 U	1510	98	73-119	
cis-1,2-Dichloroethene	1550	14 U	1470	95	78-118	
Chloroform	1550	6.1 U	1490	97	81-122	
2-Butanone	7730	180 U	8070	104	70-139	
1,2-Dichloroethane	1550	15 U	1460	95	81-121	
1,1,1-Trichloroethane	1550	4.8 U	1370	89	78-118	
Carbon tetrachloride	1550	4.4 U	1350	87	64-130	
Benzene	1550	22 J	1520	97	71-118	
Bromoform	1550	15 U	1540	99	76-133	
Styrene	1550	9.2 U	1520	99	73-126	
Ethylbenzene	1550	460	1970	98	78-124	
Chlorobenzene	1550	8.5 U	1480	96	69-124	
Cyclohexane	1550	260	1800	100	69-128	
Isopropylbenzene	1550	380	1970	102	80-143	
2-Hexanone	7730	39 U	7190	93	62-123	
MTBE	1550	11 U	1420	92	65-143	
Freon TF	1550	6.3 U	1560	101	50-128	
Methyl acetate	7730	26 U	7410	96	72-165	
1,4-Dioxane	30900	2800 U	29100	94	54-147	
Trichloroethene	1550	7.1 U	1370	89	82-122	
Toluene	1550	12 U	1480	96	79-136	
trans-1,3-Dichloropropene	1550	19 U	1700	110	73-118	
4-Methyl-2-pentanone	7730	76 U	7420	96	69-124	
cis-1,3-Dichloropropene	1550	14 U	1410	91	75-120	
1,2-Dichlorobenzene	1550	16 U	1550	100	83-123	
1,3-Dichlorobenzene	1550	10 U	1580	102	83-123	
1,4-Dichlorobenzene	1550	18 U	1500	97	84-124	
1,2,4-Trichlorobenzene	1550	26 U	1420	92	62-144	
1,2,3-Trichlorobenzene	1550	40 U	1770	115	36-207	
1,2-Dichloropropane	1550	6.6 U	1420	92	78-118	
Methylcyclohexane	1550	930	2690	114	80-134	
Tetrachloroethene	1550	7.5 U	1450	93	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60647.D

Lab ID: 460-62858-D-13-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Xylenes, Total	3090	850	4040	103	78-126	
1,2-Dibromo-3-Chloropropane	1550	31 U	1800	116	62-127	
1,1,2,2-Tetrachloroethane	1550	12 U	1940	125	86-145	
1,1,2-Trichloroethane	1550	15 U	1440	93	77-120	
Dibromochloromethane	1550	15 U	1290	84	78-118	
1,2-Dibromoethane	1550	21 U	1430	92	76-120	
Dichlorodifluoromethane	1550	17 U	1290	84	41-149	
Bromochloromethane	1550	21 U	1440	93	81-121	
Bromodichloromethane	1550	9.7 U	1230	80	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.: 460-62968-1

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.: 460-62968-1

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 RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P75179.D

Lab ID: 460-62990-A-6 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	100	0.10 U	115	115	58-146	
Bromomethane	100	0.18 U	64.1	64	55-153	
Vinyl chloride	100	0.14 U	111	111	61-144	
Chloroethane	100	0.17 U	112	112	69-145	
Methylene Chloride	100	0.18 U	114	114	79-119	
Acetone	500	2.7 U	580	116	45-156	
Carbon disulfide	100	0.13 U	123	123	58-139	
Trichlorofluoromethane	100	0.15 U	120	120	69-147	
1,1-Dichloroethene	100	0.090 U	116	116	56-139	
1,1-Dichloroethane	100	0.13 U	121	121	78-122	
trans-1,2-Dichloroethene	100	0.13 U	117	117	75-122	
cis-1,2-Dichloroethene	100	0.18 U	111	111	80-120	
Chloroform	100	0.26 J	118	118	82-123	
2-Butanone	500	2.3 U	413	83	65-114	
1,2-Dichloroethane	100	0.19 U	122	122	74-118	F
1,1,1-Trichloroethane	100	0.060 U	120	120	74-128	
Carbon tetrachloride	100	0.060 U	128	128	73-120	F
Benzene	100	0.080 U	108	108	83-124	
Bromoform	100	0.19 U	96.0	96	73-123	
Styrene	100	0.12 U	105	105	69-112	
Ethylbenzene	100	0.10 U	106	106	79-126	
Chlorobenzene	100	0.11 U	105	105	81-121	
Cyclohexane	100	0.16 U	120	120	58-133	
Isopropylbenzene	100	0.080 U	114	114	80-125	
2-Hexanone	500	0.50 U	504	101	53-121	
MTBE	100	0.14 U	117	117	71-115	F
Freon TF	100	0.080 U	123	123	47-139	
Methyl acetate	500	0.34 U	576	115	50-151	
1,4-Dioxane	2000	36 U	1760	88	52-126	
Trichloroethene	100	0.090 U	112	112	78-119	
Toluene	100	1.3	111	110	80-120	
trans-1,3-Dichloropropene	100	0.24 U	111	111	78-118	
4-Methyl-2-pentanone	500	0.99 U	513	103	53-120	
cis-1,3-Dichloropropene	100	0.18 U	106	106	80-120	
1,2-Dichlorobenzene	100	0.21 U	106	106	82-122	
1,3-Dichlorobenzene	100	0.14 U	102	102	81-126	
1,4-Dichlorobenzene	100	0.23 U	102	102	83-123	
1,2,4-Trichlorobenzene	100	0.34 U	88.3	88	66-120	
1,2,3-Trichlorobenzene	100	0.51 U	95.7	96	76-123	
1,2-Dichloropropane	100	0.090 U	111	111	80-120	
Methylcyclohexane	100	0.14 U	116	116	61-129	
Tetrachloroethene	100	0.10 U	104	104	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.: 460-62968-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P75179.D

Lab ID: 460-62990-A-6 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Xylenes, Total	200	0.13 U	209	105	76-121	
1,2-Dibromo-3-Chloropropane	100	0.40 U	120	120	70-116	F
1,1,2,2-Tetrachloroethane	100	0.16 U	103	103	74-126	
1,1,2-Trichloroethane	100	0.19 U	104	104	79-119	
Dibromochloromethane	100	0.20 U	107	107	80-120	
1,2-Dibromoethane	100	0.28 U	98.8	99	78-118	
Dichlorodifluoromethane	100	0.22 U	114	114	46-145	
Bromochloromethane	100	0.27 U	101	101	80-121	
Bromodichloromethane	100	0.12 U	113	113	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60677.D

Lab ID: 460-62968-6 MSD Client ID: PMP-19SE-WT MSD

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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60677.D

Lab ID: 460-62968-6 MSD Client ID: PMP-19SE-WT MSD

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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60648.D

Lab ID: 460-62858-D-13-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	1550	1340	86	8	30	52-144	
Bromomethane	1550	1300	84	2	30	58-164	
Vinyl chloride	1550	1540	100	9	30	55-154	
Chloroethane	1550	1660	107	10	30	66-144	
Methylene Chloride	1550	1520	98	4	30	78-118	
Acetone	7730	7490	97	23	30	48-177	
Carbon disulfide	1550	1230	80	13	30	70-120	
Trichlorofluoromethane	1550	1290	84	13	30	60-148	
1,1-Dichloroethene	1550	1430	92	10	30	68-138	
1,1-Dichloroethane	1550	1630	105	11	30	79-119	
trans-1,2-Dichloroethene	1550	1670	108	10	30	73-119	
cis-1,2-Dichloroethene	1550	1570	101	6	30	78-118	
Chloroform	1550	1550	100	4	30	81-122	
2-Butanone	7730	7780	101	4	30	70-139	
1,2-Dichloroethane	1550	1520	98	4	30	81-121	
1,1,1-Trichloroethane	1550	1630	105	17	30	78-118	
Carbon tetrachloride	1550	1600	104	17	30	64-130	
Benzene	1550	1590	101	4	30	71-118	
Bromoform	1550	1600	103	4	30	76-133	
Styrene	1550	1610	104	6	30	73-126	
Ethylbenzene	1550	2090	105	6	30	78-124	
Chlorobenzene	1550	1600	104	8	30	69-124	
Cyclohexane	1550	2050	116	13	30	69-128	
Isopropylbenzene	1550	2060	109	5	30	80-143	
2-Hexanone	7730	7580	98	5	30	62-123	
MTBE	1550	1680	109	17	30	65-143	
Freon TF	1550	1780	115	13	30	50-128	
Methyl acetate	7730	8470	110	13	30	72-165	
1,4-Dioxane	30900	35200	114	19	30	54-147	
Trichloroethene	1550	1480	96	8	30	82-122	
Toluene	1550	1560	101	5	30	79-136	
trans-1,3-Dichloropropene	1550	1750	113	3	30	73-118	
4-Methyl-2-pentanone	7730	7710	100	4	30	69-124	
cis-1,3-Dichloropropene	1550	1510	98	7	30	75-120	
1,2-Dichlorobenzene	1550	1590	103	3	30	83-123	
1,3-Dichlorobenzene	1550	1620	105	3	30	83-123	
1,4-Dichlorobenzene	1550	1530	99	2	30	84-124	
1,2,4-Trichlorobenzene	1550	1630	106	14	30	62-144	
1,2,3-Trichlorobenzene	1550	1950	126	9	30	36-207	
1,2-Dichloropropane	1550	1500	97	5	30	78-118	
Methylcyclohexane	1550	2810	121	4	30	80-134	
Tetrachloroethene	1550	1590	103	10	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B60648.D

Lab ID: 460-62858-D-13-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	3090	4210	109	4	30	78-126	
1,2-Dibromo-3-Chloropropane	1550	1830	118	2	30	62-127	
1,1,2,2-Tetrachloroethane	1550	1890	122	3	30	86-145	
1,1,2-Trichloroethane	1550	1510	98	5	30	77-120	
Dibromochloromethane	1550	1340	87	3	30	78-118	
1,2-Dibromoethane	1550	1470	95	3	30	76-120	
Dichlorodifluoromethane	1550	1360	88	5	30	41-149	
Bromochloromethane	1550	1490	96	4	30	81-121	
Bromodichloromethane	1550	1310	85	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.: 460-62968-1

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.: 460-62968-1

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 III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P75180.D

Lab ID: 460-62990-A-6 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	100	117	117	2	30	58-146	
Bromomethane	100	64.3	64	0	30	55-153	
Vinyl chloride	100	99.1	99	11	30	61-144	
Chloroethane	100	106	106	6	30	69-145	
Methylene Chloride	100	107	107	6	30	79-119	
Acetone	500	543	109	7	30	45-156	
Carbon disulfide	100	114	114	8	30	58-139	
Trichlorofluoromethane	100	113	113	7	30	69-147	
1,1-Dichloroethene	100	102	102	12	30	56-139	
1,1-Dichloroethane	100	115	115	5	30	78-122	
trans-1,2-Dichloroethene	100	105	105	11	30	75-122	
cis-1,2-Dichloroethene	100	103	103	8	30	80-120	
Chloroform	100	107	107	9	30	82-123	
2-Butanone	500	418	84	1	30	65-114	
1,2-Dichloroethane	100	113	113	8	30	74-118	
1,1,1-Trichloroethane	100	113	113	6	30	74-128	
Carbon tetrachloride	100	117	117	9	30	73-120	
Benzene	100	101	101	7	30	83-124	
Bromoform	100	91.2	91	5	30	73-123	
Styrene	100	97.3	97	8	30	69-112	
Ethylbenzene	100	101	101	5	30	79-126	
Chlorobenzene	100	99.8	100	5	30	81-121	
Cyclohexane	100	112	112	7	30	58-133	
Isopropylbenzene	100	105	105	9	30	80-125	
2-Hexanone	500	474	95	6	30	53-121	
MTBE	100	109	109	7	30	71-115	
Freon TF	100	108	108	13	30	47-139	
Methyl acetate	500	538	108	7	30	50-151	
1,4-Dioxane	2000	2160	108	21	30	52-126	
Trichloroethene	100	103	103	8	30	78-119	
Toluene	100	101	100	9	30	80-120	
trans-1,3-Dichloropropene	100	101	101	9	30	78-118	
4-Methyl-2-pentanone	500	487	97	5	30	53-120	
cis-1,3-Dichloropropene	100	98.2	98	7	30	80-120	
1,2-Dichlorobenzene	100	94.6	95	11	30	82-122	
1,3-Dichlorobenzene	100	94.4	94	8	30	81-126	
1,4-Dichlorobenzene	100	94.7	95	7	30	83-123	
1,2,4-Trichlorobenzene	100	82.1	82	7	30	66-120	
1,2,3-Trichlorobenzene	100	89.4	89	7	30	76-123	
1,2-Dichloropropane	100	102	102	9	30	80-120	
Methylcyclohexane	100	106	106	9	30	61-129	
Tetrachloroethene	100	95.3	95	9	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.: 460-62968-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P75180.D

Lab ID: 460-62990-A-6 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	200	198	99	5	30	76-121	
1,2-Dibromo-3-Chloropropane	100	110	110	9	30	70-116	
1,1,2,2-Tetrachloroethane	100	92.7	93	10	30	74-126	
1,1,2-Trichloroethane	100	92.6	93	11	30	79-119	
Dibromochloromethane	100	97.7	98	10	30	80-120	
1,2-Dibromoethane	100	94.1	94	5	30	78-118	
Dichlorodifluoromethane	100	102	102	11	30	46-145	
Bromochloromethane	100	93.4	93	8	30	80-121	
Bromodichloromethane	100	104	104	8	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: B60641.D Lab Sample ID: MB 460-182063/5

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: CVOAMS2 Date Analyzed: 09/18/2013 23:40

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 460-182063/3	B60639.D	09/18/2013 22:54
	460-62858-D-13-A MS	B60647.D	09/19/2013 01:58
	460-62858-D-13-A MSD	B60648.D	09/19/2013 02:21
PMP-24SE-SI	460-62968-30	B60655.D	09/19/2013 05:02
PMP-18SE-WT	460-62968-12	B60656.D	09/19/2013 05:26
PMP-9SE-SI	460-62968-26	B60657.D	09/19/2013 05:49
PMP-2SE-SI	460-62968-33	B60658.D	09/19/2013 06:12
PMP-24SE-VS	460-62968-27	B60659.D	09/19/2013 06:35
PMP-24SE-WT	460-62968-29	B60660.D	09/19/2013 06:58
PMP-26SE-WT	460-62968-9	B60661.D	09/19/2013 07:21

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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
PMP-24SE-VD	460-62968-28	B60675.D	09/19/2013 14:50
PMP-19SE-WT MS	460-62968-6 MS	B60676.D	09/19/2013 15:13
PMP-19SE-WT MSD	460-62968-6 MSD	B60677.D	09/19/2013 15:36
PMP-19SE-WT	460-62968-6	B60682.D	09/19/2013 17:44
PMP-16SE-WT	460-62968-18	B60684.D	09/19/2013 18:29

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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-2SE-WT	460-62968-32	B60708.D	09/20/2013 03:24
PMP-16SE-SI	460-62968-19	B60709.D	09/20/2013 03:47
	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.: 460-62968-1

SDG No.:

Lab File ID: D363063.D Lab Sample ID: MB 460-181887/6

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4 Date Analyzed: 09/18/2013 03:37

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 460-181887/3	D363060.D	09/18/2013 02:12
	LCSD 460-181887/4	D363061.D	09/18/2013 02:35
PMP-27SE-WT	460-62968-2	D363084.D	09/18/2013 12:04

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: D363093.D Lab Sample ID: MB 460-182028/8

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4 Date Analyzed: 09/18/2013 16:50

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 460-182028/5	D363090.D	09/18/2013 14:53
	LCSD 460-182028/6	D363091.D	09/18/2013 15:33
PMP-27SE-SD	460-62968-4	D363095.D	09/18/2013 18:02
PMP-27SE-VD	460-62968-1	D363098.D	09/18/2013 19:14
PMP-26SE-SI	460-62968-10	D363099.D	09/18/2013 19:39
PMP-18SE-VD	460-62968-11	D363100.D	09/18/2013 20:03
PMP-18SE-SI	460-62968-13	D363101.D	09/18/2013 20:27
PMP-28SE-SI	460-62968-22	D363104.D	09/18/2013 21:39
PMP-9SE-WT	460-62968-25	D363106.D	09/18/2013 22:28
PMP-26SE-VD	460-62968-8	D363108.D	09/18/2013 23:15
PMP-28SE-WT	460-62968-21	D363110.D	09/19/2013 00:03

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: D363119.D Lab Sample ID: MB 460-182082/7

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4 Date Analyzed: 09/19/2013 06:25

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 460-182082/4	D363116.D	09/19/2013 05:03
	LCSD 460-182082/5	D363117.D	09/19/2013 05:27
Trip Blank	460-62968-41	D363120.D	09/19/2013 06:49
PMP-23SE-VS	460-62968-37	D363121.D	09/19/2013 07:13
PMP-23SE-WT	460-62968-39	D363123.D	09/19/2013 08:01
PMP-28SE-VD	460-62968-20	D363125.D	09/19/2013 08:40
PMP-22SE-WT	460-62968-36	D363131.D	09/19/2013 11:05
PMP-9SE-VD	460-62968-24	D363132.D	09/19/2013 11:29
PMP-17SE-VD	460-62968-14	D363133.D	09/19/2013 11:53
PMP-19SE-VD	460-62968-5	D363134.D	09/19/2013 12:17
PMP-28SE-SD	460-62968-23	D363135.D	09/19/2013 12:41

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: D363140.D Lab Sample ID: MB 460-182221/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4 Date Analyzed: 09/19/2013 14:46

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 460-182221/3	D363138.D	09/19/2013 13:45
	LCSD 460-182221/4	D363139.D	09/19/2013 14:09
PMP-19SE-SI	460-62968-7	D363142.D	09/19/2013 15:34
PMP-27SE-SI	460-62968-3	D363150.D	09/19/2013 18:46
PMP-17SE-SI	460-62968-16	D363151.D	09/19/2013 19:10
PMP-16SE-VD	460-62968-17	D363152.D	09/19/2013 19:34
PMP-22SE-VD	460-62968-35	D363153.D	09/19/2013 19:58
PMP-23SE-VD	460-62968-38	D363154.D	09/19/2013 20:22
PMP-17SE-WT	460-62968-15	D363156.D	09/19/2013 21:10

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: D363223.D Lab Sample ID: MB 460-182467/8

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4 Date Analyzed: 09/21/2013 06:08

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 460-182467/4	D363219.D	09/21/2013 04:20
	LCSD 460-182467/5	D363220.D	09/21/2013 04:44
PMP-2SE-VD	460-62968-31	D363230.D	09/21/2013 08:55
PMP-22SE-VS	460-62968-34	D363232.D	09/21/2013 09:43

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: P75170.D Lab Sample ID: MB 460-182051/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS13 Date Analyzed: 09/18/2013 20:15

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 460-182051/4	P75168.D	09/18/2013 19:18
FB-091213	460-62968-40	P75173.D	09/18/2013 21:39
	460-62990-A-6 MS	P75179.D	09/19/2013 00:01
	460-62990-A-6 MSD	P75180.D	09/19/2013 00:24

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: P73657.D BFB Injection Date: 08/15/2013

Instrument ID: CVOAMS13 BFB Injection Time: 08:03

Analysis Batch No.: 176275

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.3	
75	30.0 - 60.0 % of mass 95	48.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.3	(0.4)1
174	50.0 - 120.00 % of mass 95	75.7	
175	5.0 - 9.0 % of mass 174	5.5	(7.3)1
176	95.0 - 101.0 % of mass 174	73.5	(97.2)1
177	5.0 - 9.0 % of mass 176	5.0	(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD05 460-176275/4	P73660.D	08/15/2013	09:12
	STD1 460-176275/5	P73661.D	08/15/2013	09:35
	STD2 460-176275/6	P73662.D	08/15/2013	09:59
	ICIS 460-176275/7	P73663.D	08/15/2013	10:22
	STD4 460-176275/8	P73664.D	08/15/2013	10:45
	STD5 460-176275/9	P73665.D	08/15/2013	11:19
	STD6 460-176275/10	P73666.D	08/15/2013	11:42

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: P75165.D BFB Injection Date: 09/18/2013

Instrument ID: CVOAMS13 BFB Injection Time: 17:25

Analysis Batch No.: 182051

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.5	
75	30.0 - 60.0 % of mass 95	49.2	
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	76.0	
175	5.0 - 9.0 % of mass 174	6.1	(8.1)1
176	95.0 - 101.0 % of mass 174	75.7	(99.6)1
177	5.0 - 9.0 % of mass 176	6.0	(8.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-182051/2	P75166.D	09/18/2013	17:58
	LCS 460-182051/4	P75168.D	09/18/2013	19:18
	MB 460-182051/6	P75170.D	09/18/2013	20:15
FB-091213	460-62968-40	P75173.D	09/18/2013	21:39
	460-62990-A-6 MS	P75179.D	09/19/2013	00:01
	460-62990-A-6 MSD	P75180.D	09/19/2013	00:24

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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.: 460-62968-1

SDG No.:

Lab File ID: B60637.D BFB Injection Date: 09/18/2013

Instrument ID: CVOAMS2 BFB Injection Time: 22:04

Analysis Batch No.: 182063

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	24.6	
75	30.0 - 60.0 % of mass 95	53.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.2	
173	Less than 2.0 % of mass 174	0.4	(0.5)1
174	50.0 - 120.00 % of mass 95	82.9	
175	5.0 - 9.0 % of mass 174	6.6	(7.9)1
176	95.0 - 101.0 % of mass 174	80.7	(97.4)1
177	5.0 - 9.0 % of mass 176	5.5	(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-182063/2	B60638.D	09/18/2013	22:32
	LCS 460-182063/3	B60639.D	09/18/2013	22:54
	MB 460-182063/5	B60641.D	09/18/2013	23:40
	460-62858-D-13-A MS	B60647.D	09/19/2013	01:58
	460-62858-D-13-A MSD	B60648.D	09/19/2013	02:21
PMP-24SE-SI	460-62968-30	B60655.D	09/19/2013	05:02
PMP-18SE-WT	460-62968-12	B60656.D	09/19/2013	05:26
PMP-9SE-SI	460-62968-26	B60657.D	09/19/2013	05:49
PMP-2SE-SI	460-62968-33	B60658.D	09/19/2013	06:12
PMP-24SE-VS	460-62968-27	B60659.D	09/19/2013	06:35
PMP-24SE-WT	460-62968-29	B60660.D	09/19/2013	06:58
PMP-26SE-WT	460-62968-9	B60661.D	09/19/2013	07:21

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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
PMP-24SE-VD	460-62968-28	B60675.D	09/19/2013	14:50
PMP-19SE-WT MS	460-62968-6 MS	B60676.D	09/19/2013	15:13
PMP-19SE-WT MSD	460-62968-6 MSD	B60677.D	09/19/2013	15:36
PMP-19SE-WT	460-62968-6	B60682.D	09/19/2013	17:44
PMP-16SE-WT	460-62968-18	B60684.D	09/19/2013	18:29

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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-2SE-WT	460-62968-32	B60708.D	09/20/2013	03:24
PMP-16SE-SI	460-62968-19	B60709.D	09/20/2013	03:47
	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.: 460-62968-1

SDG No.:

Lab File ID: D362529.D BFB Injection Date: 09/05/2013

Instrument ID: CVOAMS4 BFB Injection Time: 03:27

Analysis Batch No.: 179700

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.3	
75	30.0 - 60.0 % of mass 95	47.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.8	
173	Less than 2.0 % of mass 174	1.0	(1.3)1
174	50.0 - 120.00 % of mass 95	78.5	
175	5.0 - 9.0 % of mass 174	6.3	(8.0)1
176	95.0 - 101.0 % of mass 174	77.8	(99.0)1
177	5.0 - 9.0 % of mass 176	5.2	(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
	ICIS 460-179700/2	D362530.D	09/05/2013	03:49
	STD2 460-179700/3	D362531.D	09/05/2013	04:29
	STD1 460-179700/5	D362533.D	09/05/2013	05:17
	STD4 460-179700/6	D362534.D	09/05/2013	05:43
	STD5 460-179700/7	D362535.D	09/05/2013	06:08
	STD6 460-179700/8	D362536.D	09/05/2013	06:32

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: D363058.D BFB Injection Date: 09/18/2013

Instrument ID: CVOAMS4 BFB Injection Time: 01:24

Analysis Batch No.: 181887

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.1	
75	30.0 - 60.0 % of mass 95	58.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	1.4	(1.7)1
174	50.0 - 120.00 % of mass 95	82.9	
175	5.0 - 9.0 % of mass 174	5.3	(6.4)1
176	95.0 - 101.0 % of mass 174	81.8	(98.6)1
177	5.0 - 9.0 % of mass 176	6.7	(8.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-181887/2	D363059.D	09/18/2013	01:48
	LCS 460-181887/3	D363060.D	09/18/2013	02:12
	LCSD 460-181887/4	D363061.D	09/18/2013	02:35
	MB 460-181887/6	D363063.D	09/18/2013	03:37
PMP-27SE-WT	460-62968-2	D363084.D	09/18/2013	12:04

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: D363086.D BFB Injection Date: 09/18/2013

Instrument ID: CVOAMS4 BFB Injection Time: 12:50

Analysis Batch No.: 182028

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.3	
75	30.0 - 60.0 % of mass 95	52.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.5	(0.6)1
174	50.0 - 120.00 % of mass 95	85.4	
175	5.0 - 9.0 % of mass 174	7.4	(8.6)1
176	95.0 - 101.0 % of mass 174	83.9	(98.2)1
177	5.0 - 9.0 % of mass 176	6.4	(7.7)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 460-182028/2	D363087.D	09/18/2013	13:12
	LCS 460-182028/5	D363090.D	09/18/2013	14:53
	LCSD 460-182028/6	D363091.D	09/18/2013	15:33
	MB 460-182028/8	D363093.D	09/18/2013	16:50
PMP-27SE-SD	460-62968-4	D363095.D	09/18/2013	18:02
PMP-27SE-VD	460-62968-1	D363098.D	09/18/2013	19:14
PMP-26SE-SI	460-62968-10	D363099.D	09/18/2013	19:39
PMP-18SE-VD	460-62968-11	D363100.D	09/18/2013	20:03
PMP-18SE-SI	460-62968-13	D363101.D	09/18/2013	20:27
PMP-28SE-SI	460-62968-22	D363104.D	09/18/2013	21:39
PMP-9SE-WT	460-62968-25	D363106.D	09/18/2013	22:28
PMP-26SE-VD	460-62968-8	D363108.D	09/18/2013	23:15
PMP-28SE-WT	460-62968-21	D363110.D	09/19/2013	00:03

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: D363113.D BFB Injection Date: 09/19/2013

Instrument ID: CVOAMS4 BFB Injection Time: 03:02

Analysis Batch No.: 182082

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.3	
75	30.0 - 60.0 % of mass 95	50.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.9	(1.0)1
174	50.0 - 120.00 % of mass 95	82.8	
175	5.0 - 9.0 % of mass 174	6.1	(7.3)1
176	95.0 - 101.0 % of mass 174	81.9	(98.9)1
177	5.0 - 9.0 % of mass 176	5.5	(6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-182082/2	D363114.D	09/19/2013	03:22
	LCS 460-182082/4	D363116.D	09/19/2013	05:03
	LCSD 460-182082/5	D363117.D	09/19/2013	05:27
	MB 460-182082/7	D363119.D	09/19/2013	06:25
Trip Blank	460-62968-41	D363120.D	09/19/2013	06:49
PMP-23SE-VS	460-62968-37	D363121.D	09/19/2013	07:13
PMP-23SE-WT	460-62968-39	D363123.D	09/19/2013	08:01
PMP-28SE-VD	460-62968-20	D363125.D	09/19/2013	08:40
PMP-22SE-WT	460-62968-36	D363131.D	09/19/2013	11:05
PMP-9SE-VD	460-62968-24	D363132.D	09/19/2013	11:29
PMP-17SE-VD	460-62968-14	D363133.D	09/19/2013	11:53
PMP-19SE-VD	460-62968-5	D363134.D	09/19/2013	12:17
PMP-28SE-SD	460-62968-23	D363135.D	09/19/2013	12:41

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: D363136.D BFB Injection Date: 09/19/2013

Instrument ID: CVOAMS4 BFB Injection Time: 12:59

Analysis Batch No.: 182221

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.4	
75	30.0 - 60.0 % of mass 95	52.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.1	
173	Less than 2.0 % of mass 174	0.9	(1.2)1
174	50.0 - 120.00 % of mass 95	77.2	
175	5.0 - 9.0 % of mass 174	5.8	(7.5)1
176	95.0 - 101.0 % of mass 174	76.3	(98.8)1
177	5.0 - 9.0 % of mass 176	4.9	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-182221/2	D363137.D	09/19/2013	13:21
	LCS 460-182221/3	D363138.D	09/19/2013	13:45
	LCSD 460-182221/4	D363139.D	09/19/2013	14:09
	MB 460-182221/5	D363140.D	09/19/2013	14:46
PMP-19SE-SI	460-62968-7	D363142.D	09/19/2013	15:34
PMP-27SE-SI	460-62968-3	D363150.D	09/19/2013	18:46
PMP-17SE-SI	460-62968-16	D363151.D	09/19/2013	19:10
PMP-16SE-VD	460-62968-17	D363152.D	09/19/2013	19:34
PMP-22SE-VD	460-62968-35	D363153.D	09/19/2013	19:58
PMP-23SE-VD	460-62968-38	D363154.D	09/19/2013	20:22
PMP-17SE-WT	460-62968-15	D363156.D	09/19/2013	21:10

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: D363216.D BFB Injection Date: 09/21/2013

Instrument ID: CVOAMS4 BFB Injection Time: 02:44

Analysis Batch No.: 182467

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.9	
75	30.0 - 60.0 % of mass 95	50.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.2	(0.2)1
174	50.0 - 120.00 % of mass 95	94.4	
175	5.0 - 9.0 % of mass 174	7.1	(7.6)1
176	95.0 - 101.0 % of mass 174	91.8	(97.3)1
177	5.0 - 9.0 % of mass 176	5.8	(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-182467/2	D363217.D	09/21/2013	03:04
	LCS 460-182467/4	D363219.D	09/21/2013	04:20
	LCSD 460-182467/5	D363220.D	09/21/2013	04:44
	MB 460-182467/8	D363223.D	09/21/2013	06:08
PMP-2SE-VD	460-62968-31	D363230.D	09/21/2013	08:55
PMP-22SE-VS	460-62968-34	D363232.D	09/21/2013	09:43

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182051/2 Date Analyzed: 09/18/2013 17:58

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P75166.D Heated Purge: (Y/N) N

Calibration ID: 27881

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		299400	2.31	490384	4.03	27302	4.95
UPPER LIMIT		598800	2.81	980768	4.53	54604	5.45
LOWER LIMIT		149700	1.81	245192	3.53	13651	4.45
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-182051/4		338667	2.31	500929	4.03	28480	4.95
MB 460-182051/6		411541	2.31	473235	4.03	34222	4.95
460-62968-40	FB-091213	409691	2.31	461816	4.03	31854	4.95
460-62990-A-6 MS		396760	2.31	417672	4.03	33950	4.96
460-62990-A-6 MSD		413048	2.32	462358	4.03	29686	4.98

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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182051/2 Date Analyzed: 09/18/2013 17:58

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P75166.D Heated Purge: (Y/N) N

Calibration ID: 27881

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		353090	7.57	195704	11.15		
UPPER LIMIT		706180	8.07	391408	11.65		
LOWER LIMIT		176545	7.07	97852	10.65		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-182051/4		363512	7.57	203502	11.15		
MB 460-182051/6		357329	7.57	188357	11.15		
460-62968-40	FB-091213	341096	7.57	177742	11.15		
460-62990-A-6 MS		311219	7.57	169735	11.15		
460-62990-A-6 MSD		342825	7.57	188354	11.15		

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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182063/2 Date Analyzed: 09/18/2013 22:32

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B60638.D Heated Purge: (Y/N) N

Calibration ID: 29819

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		377763	2.79	696217	5.21	43011	6.07
UPPER LIMIT		755526	3.29	1392434	5.71	86022	6.57
LOWER LIMIT		188882	2.29	348109	4.71	21506	5.57
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-182063/3		383875	2.80	684169	5.21	44527	6.06
MB 460-182063/5		341036	2.79	628051	5.21	38761	6.06
460-62858-D-13-A MS		359019	2.80	664110	5.21	44813	6.06
460-62858-D-13-A MSD		388100	2.81	676721	5.21	45366	6.07
460-62968-30	PMP-24SE-SI	355179	2.81	664333	5.21	41221	6.06
460-62968-12	PMP-18SE-WT	345373	2.81	640710	5.21	38045	6.07
460-62968-26	PMP-9SE-SI	375281	2.82	685682	5.21	42993	6.07
460-62968-33	PMP-2SE-SI	339829	2.81	647688	5.21	41909	6.07
460-62968-27	PMP-24SE-VS	361042	2.81	675028	5.21	46111	6.06
460-62968-29	PMP-24SE-WT	373114	2.81	676392	5.21	45719	6.07
460-62968-9	PMP-26SE-WT	366236	2.81	683074	5.21	45073	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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182063/2 Date Analyzed: 09/18/2013 22:32

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B60638.D Heated Purge: (Y/N) N

Calibration ID: 29819

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		593682	8.76	346204	10.81		
UPPER LIMIT		1187364	9.26	692408	11.31		
LOWER LIMIT		296841	8.26	173102	10.31		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-182063/3		589796	8.76	341173	10.81		
MB 460-182063/5		519488	8.76	302537	10.81		
460-62858-D-13-A MS		568250	8.76	325553	10.81		
460-62858-D-13-A MSD		587490	8.76	343389	10.81		
460-62968-30	PMP-24SE-SI	555899	8.76	330442	10.81		
460-62968-12	PMP-18SE-WT	534558	8.76	323257	10.81		
460-62968-26	PMP-9SE-SI	577954	8.76	346756	10.81		
460-62968-33	PMP-2SE-SI	554025	8.76	325725	10.81		
460-62968-27	PMP-24SE-VS	571961	8.76	335074	10.81		
460-62968-29	PMP-24SE-WT	588233	8.76	339646	10.81		
460-62968-9	PMP-26SE-WT	573069	8.76	348412	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.: 460-62968-1

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
460-62968-28	PMP-24SE-VD	340388	2.79	667263	5.21	37841	6.06
460-62968-6 MS	PMP-19SE-WT MS	349549	2.81	677306	5.22	41758	6.08
460-62968-6 MSD	PMP-19SE-WT MSD	341072	2.80	654499	5.21	40656	6.07
460-62968-6	PMP-19SE-WT	293753	2.81	639880	5.22	36698	6.07
460-62968-18	PMP-16SE-WT	286675	2.81	631080	5.21	37020	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.: 460-62968-1

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		
460-62968-28	PMP-24SE-VD	574606	8.76	329361	10.81		
460-62968-6 MS	PMP-19SE-WT MS	585279	8.77	334496	10.81		
460-62968-6 MSD	PMP-19SE-WT MSD	560627	8.77	326077	10.81		
460-62968-6	PMP-19SE-WT	549813	8.77	311222	10.81		
460-62968-18	PMP-16SE-WT	538058	8.77	302995	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.: 460-62968-1

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
460-62968-32	PMP-2SE-WT	320380	2.81	654323	5.21	32276	6.07
460-62968-19	PMP-16SE-SI	325800	2.81	677440	5.22	35428	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.: 460-62968-1

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		
460-62968-32	PMP-2SE-WT	548468	8.77	330804	10.81		
460-62968-19	PMP-16SE-SI	575151	8.77	337898	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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-181887/2 Date Analyzed: 09/18/2013 01:48

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D363059.D Heated Purge: (Y/N) Y

Calibration ID: 29061

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		189364	2.64	485846	4.43	15796	5.40
UPPER LIMIT		378728	3.14	971692	4.93	31592	5.90
LOWER LIMIT		94682	2.14	242923	3.93	7898	4.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-181887/3		198491	2.63	474874	4.43	17252	5.39
LCSD 460-181887/4		200996	2.65	517640	4.44	17005	5.40
MB 460-181887/6		246247	2.65	450885	4.43	20828	5.40
460-62968-2	PMP-27SE-WT	160114	2.66	433641	4.43	13230	5.42

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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-181887/2 Date Analyzed: 09/18/2013 01:48

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D363059.D Heated Purge: (Y/N) Y

Calibration ID: 29061

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		427788	7.80	255543	9.74		
UPPER LIMIT		855576	8.30	511086	10.24		
LOWER LIMIT		213894	7.30	127772	9.24		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-181887/3		430003	7.80	247728	9.74		
LCSD 460-181887/4		451731	7.80	267395	9.74		
MB 460-181887/6		420516	7.80	247247	9.74		
460-62968-2	PMP-27SE-WT	408149	7.79	257489	9.74		

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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182028/2 Date Analyzed: 09/18/2013 13:12

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D363087.D Heated Purge: (Y/N) Y

Calibration ID: 29061

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		201948	2.65	506892	4.43	17410	5.41
UPPER LIMIT		403896	3.15	1013784	4.93	34820	5.91
LOWER LIMIT		100974	2.15	253446	3.93	8705	4.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-182028/5		187758	2.65	496613	4.43	16755	5.39
LCSD 460-182028/6		207830	2.63	515505	4.43	18637	5.40
MB 460-182028/8		208159	2.65	417724	4.43	18429	5.41
460-62968-4	PMP-27SE-SD	174011	2.64	407049	4.43	13843	5.41
460-62968-1	PMP-27SE-VD	239814	2.65	585634	4.43	18335	5.40
460-62968-10	PMP-26SE-SI	217767	2.66	624399	4.43	13476	5.41
460-62968-11	PMP-18SE-VD	242471	2.64	572778	4.43	19453	5.41
460-62968-13	PMP-18SE-SI	216884	2.67	631126	4.43	13832	5.44
460-62968-22	PMP-28SE-SI	279152	2.65	647039	4.44	24307	5.41
460-62968-25	PMP-9SE-WT	272211	2.65	680371	4.44	22876	5.41
460-62968-8	PMP-26SE-VD	300485	2.65	631641	4.43	18754	5.42
460-62968-21	PMP-28SE-WT	322332	2.66	666865	4.44	23502	5.44

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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182028/2 Date Analyzed: 09/18/2013 13:12

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D363087.D Heated Purge: (Y/N) Y

Calibration ID: 29061

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		446575	7.80	284016	9.74		
UPPER LIMIT		893150	8.30	568032	10.24		
LOWER LIMIT		223288	7.30	142008	9.24		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-182028/5		462997	7.80	269277	9.74		
LCSD 460-182028/6		466688	7.80	282566	9.74		
MB 460-182028/8		397163	7.80	230813	9.74		
460-62968-4	PMP-27SE-SD	254834	7.79	116963*	9.74		
460-62968-1	PMP-27SE-VD	511730	7.80	277343	9.74		
460-62968-10	PMP-26SE-SI	548580	7.79	317927	9.74		
460-62968-11	PMP-18SE-VD	513292	7.80	304487	9.74		
460-62968-13	PMP-18SE-SI	606166	7.80	358214	9.74		
460-62968-22	PMP-28SE-SI	618845	7.80	363799	9.74		
460-62968-25	PMP-9SE-WT	632358	7.80	348365	9.74		
460-62968-8	PMP-26SE-VD	599434	7.80	364063	9.74		
460-62968-21	PMP-28SE-WT	531444	7.80	337608	9.75		

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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182082/2 Date Analyzed: 09/19/2013 03:22

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D363114.D Heated Purge: (Y/N) Y

Calibration ID: 29061

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		281161	2.65	776720	4.43	21893	5.41
UPPER LIMIT		562322	3.15	1553440	4.93	43786	5.91
LOWER LIMIT		140581	2.15	388360	3.93	10947	4.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-182082/4		224330	2.65	672647	4.43	22521	5.41
LCSD 460-182082/5		238014	2.64	677997	4.43	23943	5.41
MB 460-182082/7		217151	2.66	682784	4.44	19451	5.40
460-62968-41	Trip Blank	210493	2.66	682345	4.44	19683	5.42
460-62968-37	PMP-23SE-VS	192304	2.67	665947	4.43	17388	5.42
460-62968-39	PMP-23SE-WT	213138	2.65	648534	4.44	17104	5.42
460-62968-20	PMP-28SE-VD	203165	2.65	615067	4.44	16410	5.40
460-62968-36	PMP-22SE-WT	208501	2.63	688982	4.43	17107	5.40
460-62968-24	PMP-9SE-VD	217304	2.65	704774	4.44	18294	5.41
460-62968-14	PMP-17SE-VD	219423	2.66	722461	4.44	17894	5.40
460-62968-5	PMP-19SE-VD	183778	2.65	704867	4.44	13017	5.40
460-62968-23	PMP-28SE-SD	209049	2.65	678988	4.43	17099	5.41

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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182082/2 Date Analyzed: 09/19/2013 03:22

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D363114.D Heated Purge: (Y/N) Y

Calibration ID: 29061

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		561230	7.80	324781	9.74		
UPPER LIMIT		1122460	8.30	649562	10.24		
LOWER LIMIT		280615	7.30	162391	9.24		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-182082/4		488288	7.80	256776	9.74		
LCSD 460-182082/5		516992	7.80	287025	9.74		
MB 460-182082/7		490400	7.80	276437	9.74		
460-62968-41	Trip Blank	485634	7.80	281363	9.74		
460-62968-37	PMP-23SE-VS	486025	7.80	271237	9.74		
460-62968-39	PMP-23SE-WT	441830	7.80	250447	9.74		
460-62968-20	PMP-28SE-VD	412061	7.80	180970	9.74		
460-62968-36	PMP-22SE-WT	513694	7.80	280909	9.74		
460-62968-24	PMP-9SE-VD	513576	7.80	275356	9.74		
460-62968-14	PMP-17SE-VD	525738	7.80	280636	9.74		
460-62968-5	PMP-19SE-VD	490348	7.79	281408	9.74		
460-62968-23	PMP-28SE-SD	485646	7.80	276984	9.74		

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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182221/2 Date Analyzed: 09/19/2013 13:21

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D363137.D Heated Purge: (Y/N) Y

Calibration ID: 29061

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		240683	2.65	690529	4.43	21900	5.40
UPPER LIMIT		481366	3.15	1381058	4.93	43800	5.90
LOWER LIMIT		120342	2.15	345265	3.93	10950	4.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-182221/3		233994	2.65	732965	4.43	22900	5.41
LCSD 460-182221/4		227292	2.64	693783	4.43	21675	5.39
MB 460-182221/5		253143	2.65	660978	4.43	21255	5.43
460-62968-7	PMP-19SE-SI	203294	2.65	679581	4.43	15638	5.39
460-62968-3	PMP-27SE-SI	180057	2.65	612987	4.43	15175	5.42
460-62968-16	PMP-17SE-SI	182621	2.65	632901	4.44	12005	5.40
460-62968-17	PMP-16SE-VD	205381	2.65	671123	4.43	17245	5.40
460-62968-35	PMP-22SE-VD	186644	2.65	681152	4.43	11300	5.40
460-62968-38	PMP-23SE-VD	223194	2.65	685563	4.44	16304	5.42
460-62968-15	PMP-17SE-WT	230766	2.66	731318	4.44	17132	5.41

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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182221/2 Date Analyzed: 09/19/2013 13:21

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D363137.D Heated Purge: (Y/N) Y

Calibration ID: 29061

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		496025	7.80	267896	9.74		
UPPER LIMIT		992050	8.30	535792	10.24		
LOWER LIMIT		248013	7.30	133948	9.24		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-182221/3		543589	7.79	308499	9.74		
LCSD 460-182221/4		500120	7.80	280023	9.74		
MB 460-182221/5		499874	7.79	280684	9.74		
460-62968-7	PMP-19SE-SI	487663	7.80	267565	9.74		
460-62968-3	PMP-27SE-SI	471094	7.80	259916	9.74		
460-62968-16	PMP-17SE-SI	482628	7.80	279697	9.74		
460-62968-17	PMP-16SE-VD	501148	7.80	263383	9.74		
460-62968-35	PMP-22SE-VD	498057	7.80	296484	9.74		
460-62968-38	PMP-23SE-VD	435475	7.79	174892	9.74		
460-62968-15	PMP-17SE-WT	470609	7.80	283496	9.75		

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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182467/2 Date Analyzed: 09/21/2013 03:04

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D363217.D Heated Purge: (Y/N) Y

Calibration ID: 29061

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		214393	2.65	637970	4.44	22206	5.42
UPPER LIMIT		428786	3.15	1275940	4.94	44412	5.92
LOWER LIMIT		107197	2.15	318985	3.94	11103	4.92
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-182467/4		222250	2.66	676146	4.44	20072	5.40
LCSD 460-182467/5		224121	2.65	646333	4.43	23033	5.40
MB 460-182467/8		206640	2.66	542466	4.44	19901	5.40
460-62968-31	PMP-2SE-VD	194618	2.65	586562	4.44	16364	5.41
460-62968-34	PMP-22SE-VS	221109	2.65	619532	4.43	18140	5.41

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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182467/2 Date Analyzed: 09/21/2013 03:04

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D363217.D Heated Purge: (Y/N) Y

Calibration ID: 29061

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		524422	7.80	328745	9.74		
UPPER LIMIT		1048844	8.30	657490	10.24		
LOWER LIMIT		262211	7.30	164373	9.24		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-182467/4		536291	7.80	325495	9.74		
LCSD 460-182467/5		496896	7.80	317127	9.74		
MB 460-182467/8		431851	7.80	265508	9.74		
460-62968-31	PMP-2SE-VD	441962	7.80	195294	9.74		
460-62968-34	PMP-22SE-VS	431802	7.80	204313	9.74		

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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD | Lab Sample ID: 460-62968-1

Matrix: Solid | Lab File ID: D363098.D

Analysis Method: 8260B | Date Collected: 09/12/2013 08:45

Sample wt/vol: 6.209(g) | Date Analyzed: 09/18/2013 19:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.7 | Level: (low/med) Low

Analysis Batch No.: 182028 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.13	U	0.84	0.13
74-83-9	Bromomethane	0.36	U	0.84	0.36
75-01-4	Vinyl chloride	0.28	U	0.84	0.28
75-00-3	Chloroethane	0.28	U	0.84	0.28
75-09-2	Methylene Chloride	0.13	U	0.84	0.13
67-64-1	Acetone	1.4	U *	4.2	1.4
75-15-0	Carbon disulfide	0.13	U	0.84	0.13
75-69-4	Trichlorofluoromethane	0.13	U	0.84	0.13
75-35-4	1,1-Dichloroethene	0.16	U	0.84	0.16
75-34-3	1,1-Dichloroethane	0.092	U	0.84	0.092
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.84	0.11
156-59-2	cis-1,2-Dichloroethene	0.092	U	0.84	0.092
67-66-3	Chloroform	0.20	U	0.84	0.20
78-93-3	2-Butanone	0.53	U *	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	0.23	U	0.84	0.23
100-41-4	Ethylbenzene	0.14	U	0.84	0.14
108-90-7	Chlorobenzene	0.15	U	0.84	0.15
110-82-7	Cyclohexane	0.11	U	0.84	0.11
98-82-8	Isopropylbenzene	0.092	U	0.84	0.092
591-78-6	2-Hexanone	0.11	U	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD | Lab Sample ID: 460-62968-1

Matrix: Solid | Lab File ID: D363098.D

Analysis Method: 8260B | Date Collected: 09/12/2013 08:45

Sample wt/vol: 6.209(g) | Date Analyzed: 09/18/2013 19:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.7 | Level: (low/med) Low

Analysis Batch No.: 182028 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.37	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	0.084	U	0.84	0.084
127-18-4	Tetrachloroethene	0.10	U	0.84	0.10
1330-20-7	Xylenes, Total	0.56	U	2.5	0.56
96-12-8	1,2-Dibromo-3-Chloropropane	0.37	U	0.84	0.37
79-34-5	1,1,2,2-Tetrachloroethane	0.075	U	0.84	0.075
79-00-5	1,1,2-Trichloroethane	0.12	U	0.84	0.12
124-48-1	Dibromochloromethane	0.084	U	0.84	0.084
106-93-4	1,2-Dibromoethane	0.13	U	0.84	0.13
75-71-8	Dichlorodifluoromethane	0.18	U	0.84	0.18
74-97-5	Bromochloromethane	0.092	U	0.84	0.092
75-27-4	Bromodichloromethane	0.27	U	0.84	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-130
2037-26-5	Toluene-d8 (Surr)	102		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	114		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD Lab Sample ID: 460-62968-1

Matrix: Solid Lab File ID: D363098.D

Analysis Method: 8260B Date Collected: 09/12/2013 08:45

Sample wt/vol: 6.209(g) Date Analyzed: 09/18/2013 19:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.7 Level: (low/med) Low

Analysis Batch No.: 182028 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\CVOAMS4\20130918-4780.b\D363098.D		
Lims ID:	460-62968-B-1-A	Client ID:	PMP-27SE-VD
Inject. Date:	18-Sep-2013 19:14:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-B-1-A		
Misc. Info.:	460-0004780-013		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	12
Lims Batch ID:	182028	Lims Sample ID:	13
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\8260S_4.m		
Last Update:	20-Sep-2013 10:03:22	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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 10:03:22

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.647	2.652	-0.005	71	239814	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.721	3.721	0.0	93	195863	57.0	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.174	4.164	0.010	95	199590	54.7	
* 59 Fluorobenzene	96	4.434	4.429	0.005	99	585634	50.0	
* 150 1,4-Dioxane-d8	96	5.397	5.406	-0.009	1	18335	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.100	6.100	0.0	98	692529	51.0	
* 87 Chlorobenzene-d5	117	7.795	7.795	0.0	84	511730	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	92	211821	49.3	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	96	277343	50.0	
117 1,4-Dichlorobenzene	146	9.745	9.745	0.0	35	4973	0.4367	

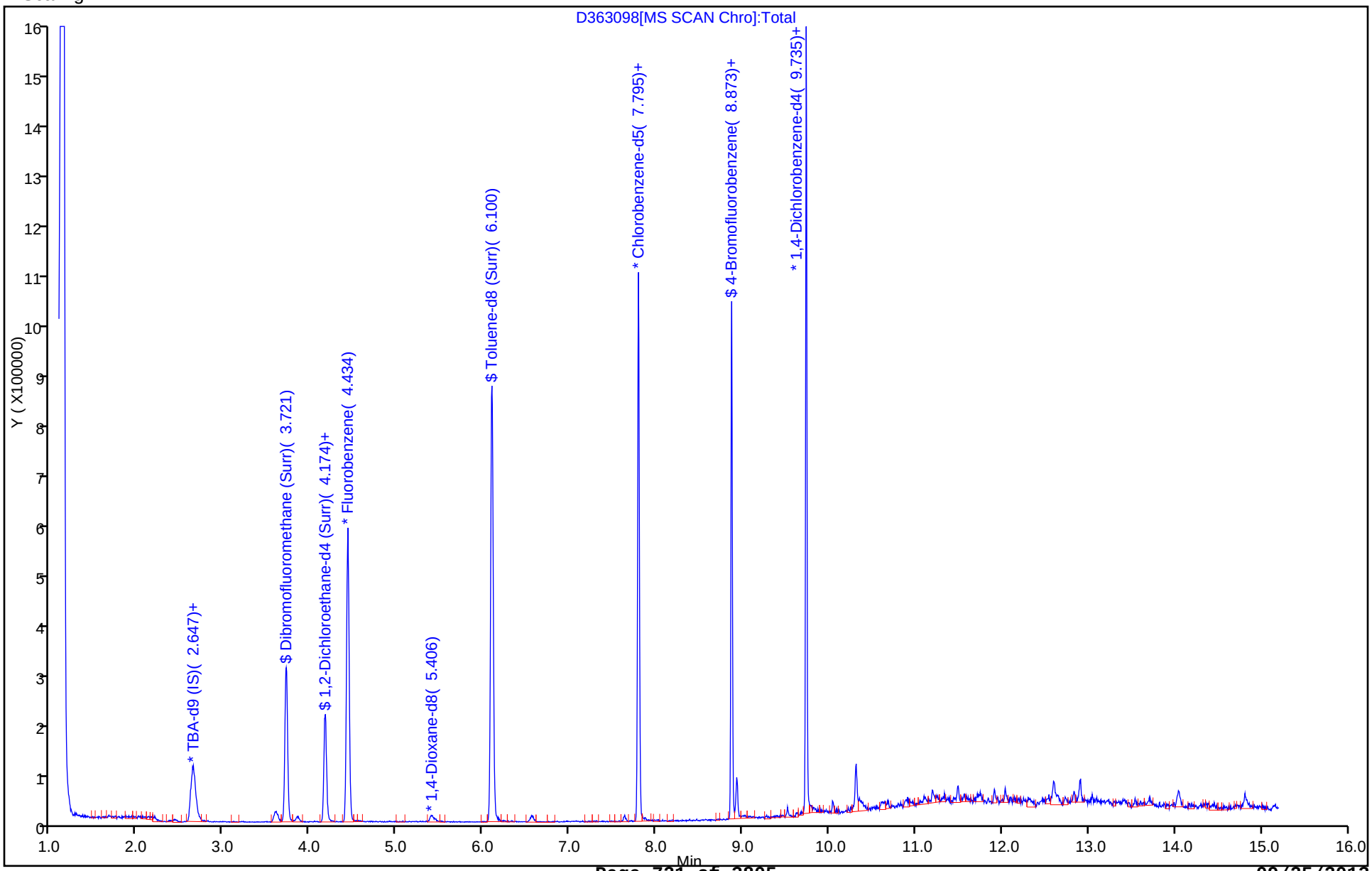
Report Date: 20-Sep-2013 10:03:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363098.D

Injection Date:	18-Sep-2013 19:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	13
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



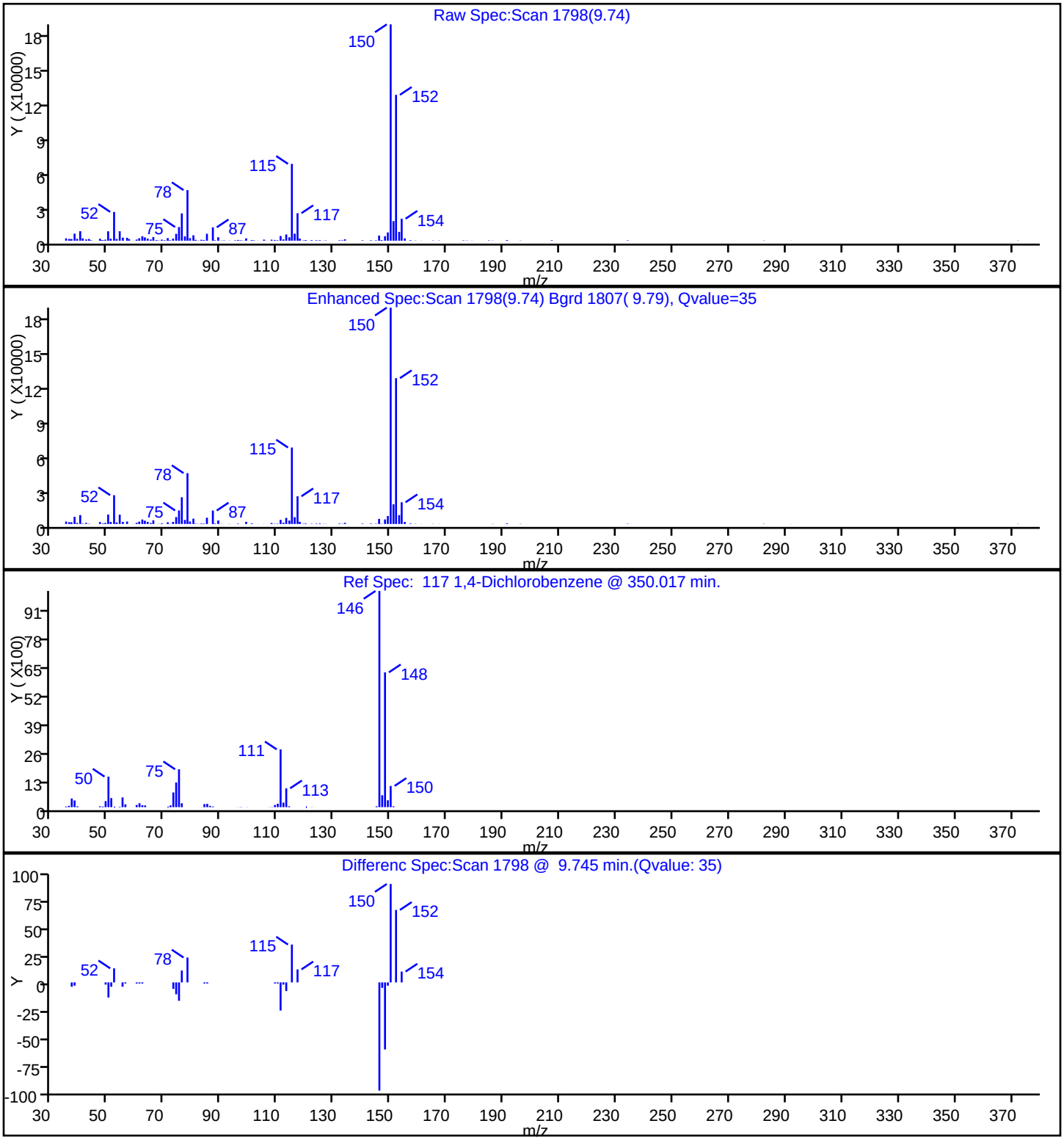
Report Date: 20-Sep-2013 10:03:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363098.D

Injection Date:	18-Sep-2013 19:14:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	13
Operator ID:		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-WT | Lab Sample ID: 460-62968-2

Matrix: Solid | Lab File ID: D363084.D

Analysis Method: 8260B | Date Collected: 09/12/2013 08:50

Sample wt/vol: 6.174(g) | Date Analyzed: 09/18/2013 12:04

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.: 181887 | 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	0.58	J B	0.94	0.14
67-64-1	Acetone	1.6	U	4.7	1.6
75-15-0	Carbon disulfide	0.88	J	0.94	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.94	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.94	0.18
75-34-3	1,1-Dichloroethane	0.10	U	0.94	0.10
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.94	0.12
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.94	0.10
67-66-3	Chloroform	6.2		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-WT | Lab Sample ID: 460-62968-2

Matrix: Solid | Lab File ID: D363084.D

Analysis Method: 8260B | Date Collected: 09/12/2013 08:50

Sample wt/vol: 6.174(g) | Date Analyzed: 09/18/2013 12:04

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.: 181887 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.62	J	0.94	0.10
120-82-1	1,2,4-Trichlorobenzene	1.5		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)	114		70-130
2037-26-5	Toluene-d8 (Surr)	102		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	117		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-WT Lab Sample ID: 460-62968-2

Matrix: Solid Lab File ID: D363084.D

Analysis Method: 8260B Date Collected: 09/12/2013 08:50

Sample wt/vol: 6.174(g) Date Analyzed: 09/18/2013 12:04

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.: 181887 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 227

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1000152-47-3	trans-Decalin, 2-methyl-	10.26	16	J N
2958-75-0	1-Methyldecahydronaphthalene	10.40	20	J N
85318-94-1	trans-3a-Methylperhydroazulen-4(1H)-one	10.68	17	J N
1000158-89-0	Decalin, anti-1-methyl-, cis-	10.80	27	J N
	Unknown	11.34	29	J
	Unknown	11.72	17	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	11.92	18	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	12.32	25	J N
21693-55-0	Naphthalene, 1,2,3,4-tetrahydro-1,5,7-tr	12.46	23	J N
544-76-3	Hexadecane	12.61	35	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363084.D		
Lims ID:	460-62968-B-2-A	Client ID:	PMP-27SE-WT
Inject. Date:	18-Sep-2013 12:04:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-B-2-A		
Misc. Info.:	460-0004749-027		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	26
Lims Batch ID:	181887	Lims Sample ID:	27
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\8260S_4.m		
Last Update:	20-Sep-2013 08:58:20	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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 08:59:37

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
21 Carbon disulfide	76	2.011	2.007	0.004	69	9767	0.9374	
25 Methylene Chloride	84	2.377	2.377	0.0	41	1961	0.6235	
* 151 TBA-d9 (IS)	65	2.657	2.633	0.023	68	160114	1000.0	
47 Chloroform	83	3.571	3.567	0.004	84	43669	6.67	
$ 152 Dibromofluoromethane (Surr)	113	3.721	3.716	0.005	92	148555	58.4	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.169	4.164	0.004	94	153816	56.9	
* 59 Fluorobenzene	96	4.433	4.429	0.004	99	433641	50.0	
* 150 1,4-Dioxane-d8	96	5.416	5.387	0.029	1	13230	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.104	6.100	0.004	97	553798	51.1	
* 87 Chlorobenzene-d5	117	7.794	7.795	-0.001	84	408149	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	92	196735	49.4	
* 116 1,4-Dichlorobenzene-d4	152	9.740	9.735	0.005	94	257489	50.0	
117 1,4-Dichlorobenzene	146	9.745	9.745	0.0	28	6975	0.6598	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	51	13536	1.57	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363084.D		
Lims ID:	460-62968-B-2-A	Client ID:	PMP-27SE-WT
Inject. Date:	18-Sep-2013 12:04:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-B-2-A		
Misc. Info.:	460-0004749-027		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	26
Lims Batch ID:	181887	Lims Sample ID:	27
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\8260S_4.m		
Last Update:	20-Sep-2013 08:58:20	Calib Date:	05-Sep-2013 06:32:30
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 08:59:37

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	1000152-47-3 trans-Decalin, 2-methyl-					
10.255	510172	17.1	116	91	24310	
	2958-75-0 1-Methyldecahydronaphthalene					
10.404	629655	21.1	116	95	24317	
	85318-94-1 trans-3a-Methylperhydroazulen-4(1H)-one					
10.684	543711	18.2	116	70	33190	
	1000158-89-0 Decalin, anti-1-methyl-, cis-					
10.799	869233	29.1	116	91	24321	
	Unknown					
11.338	923930	30.9	116			
	Unknown					
11.719	538521	18.0	116	0	0	
	638-36-8 Hexadecane, 2,6,10,14-tetramethyl-					
11.916	585888	19.6	116	86	107670	
	80655-44-3 Decahydro-4,4,8,9,10-pentamethylnaphthal					
12.321	798697	26.7	116	96	61716	
	21693-55-0 Naphthalene, 1,2,3,4-tetrahydro-1,5,7-tr					
12.460	732488	24.5	116	74	38737	
	544-76-3 Hexadecane					
12.605	1130926	37.8	116	76	73965	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	9.735	1495265	50.0

QC Flag Legend

Processing Flags

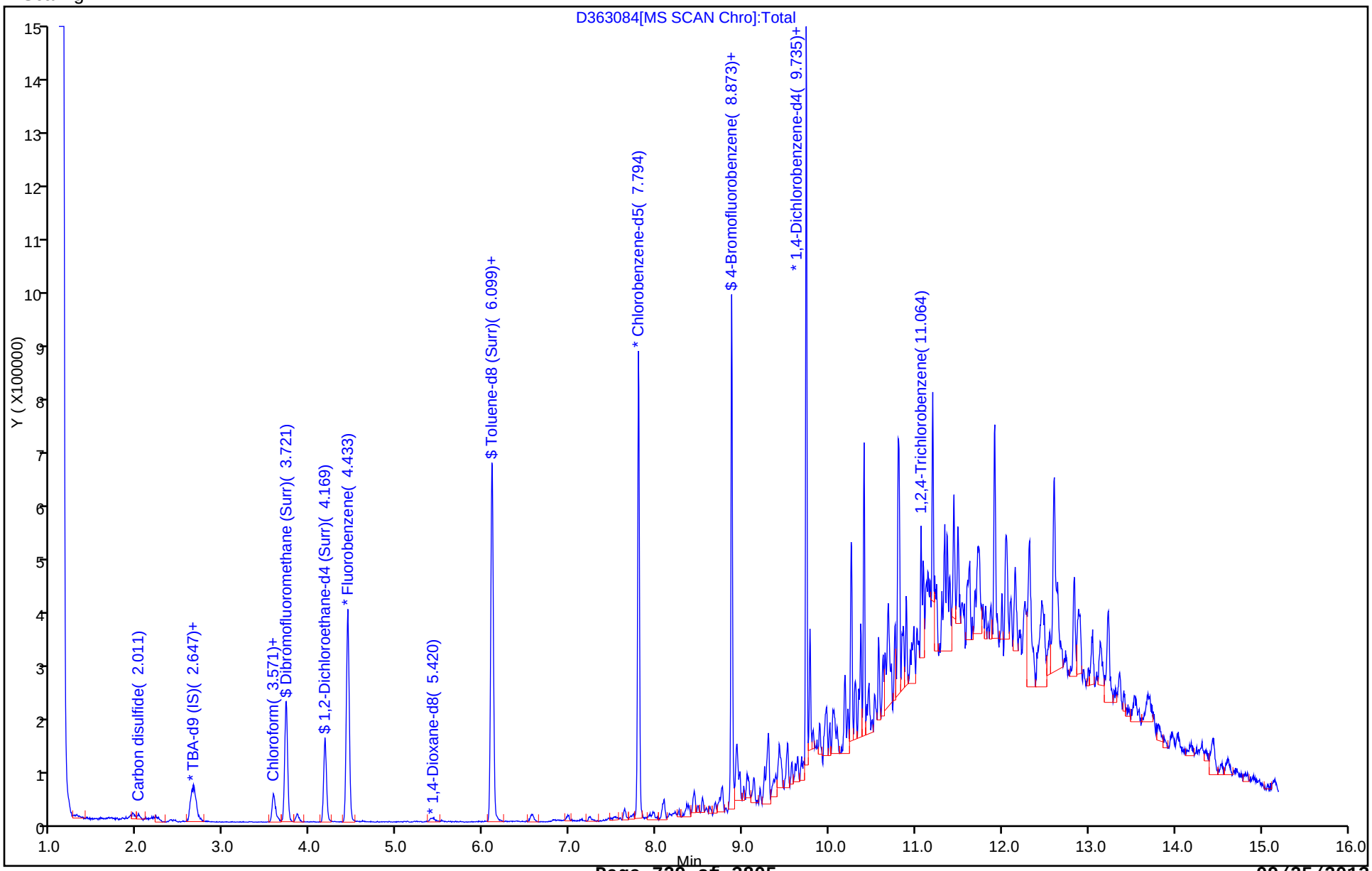
Report Date: 20-Sep-2013 08:59:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363084.D

Injection Date:	18-Sep-2013 12:04:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	181887	Lims Sample ID:	27
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



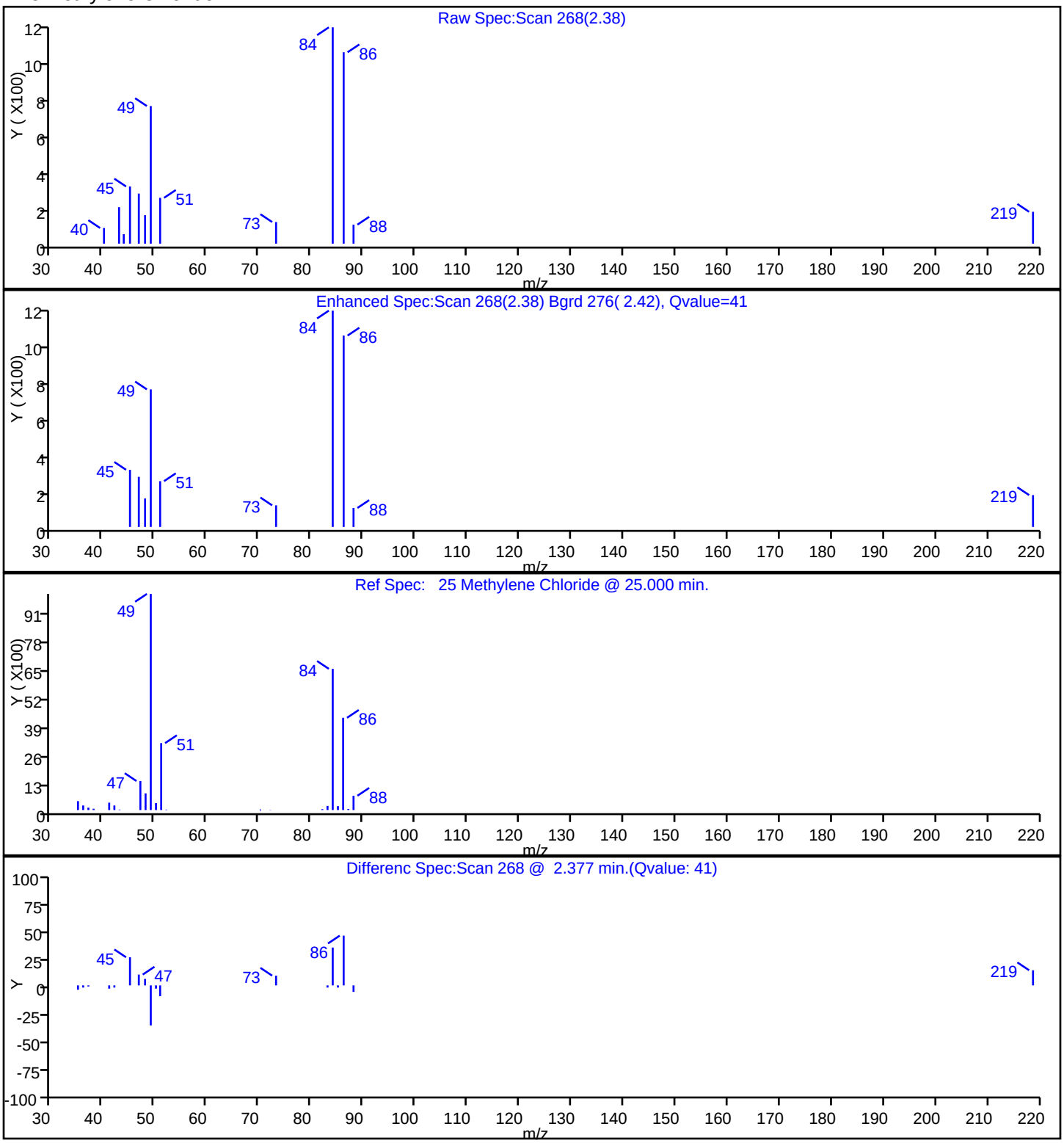
Report Date: 20-Sep-2013 08:59:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363084.D

Injection Date:	18-Sep-2013 12:04:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	181887	Lims Sample ID:	27
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

25 Methylene Chloride



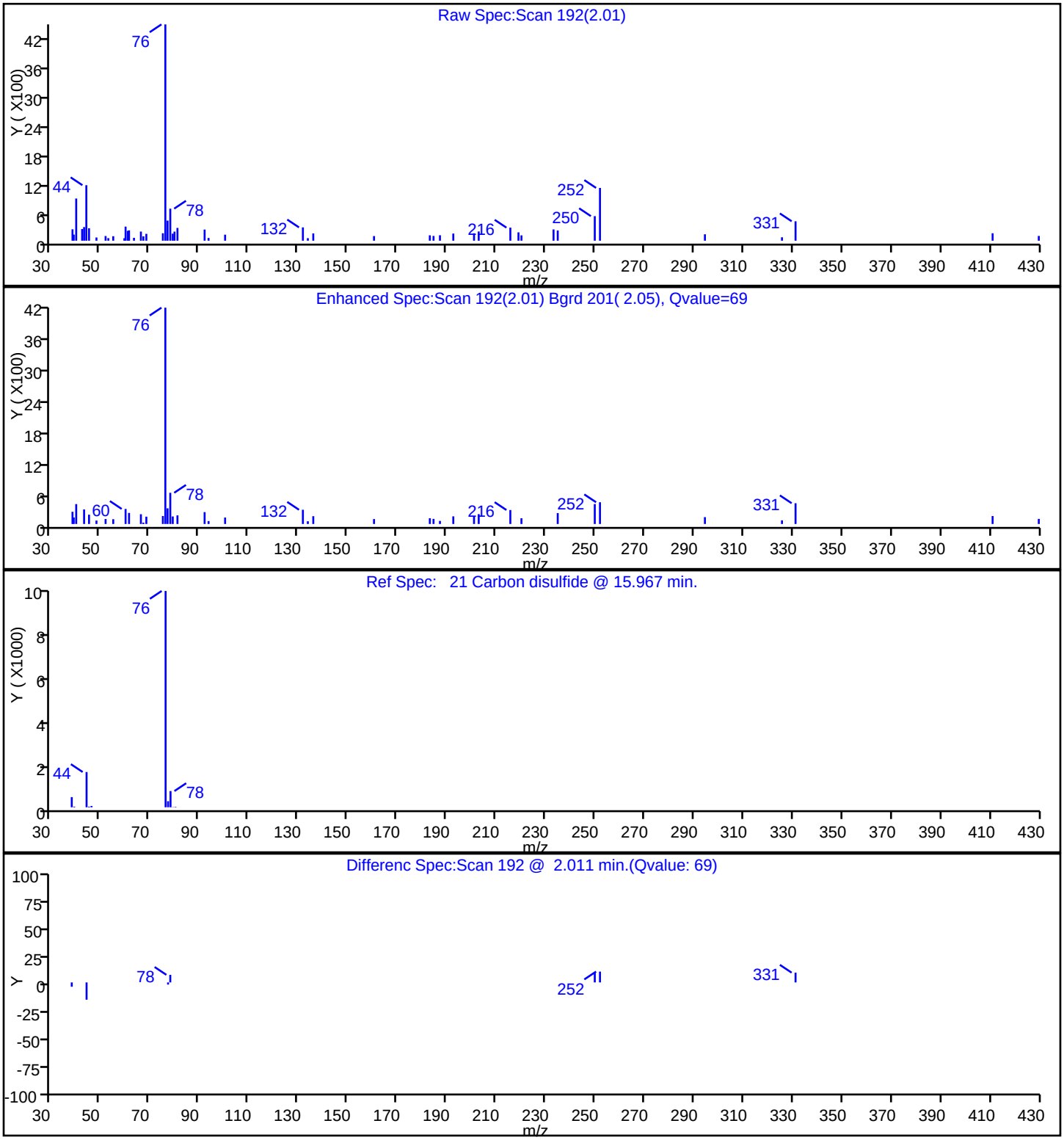
Report Date: 20-Sep-2013 08:59:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363084.D

Injection Date:	18-Sep-2013 12:04:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	181887	Lims Sample ID:	27
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

21 Carbon disulfide



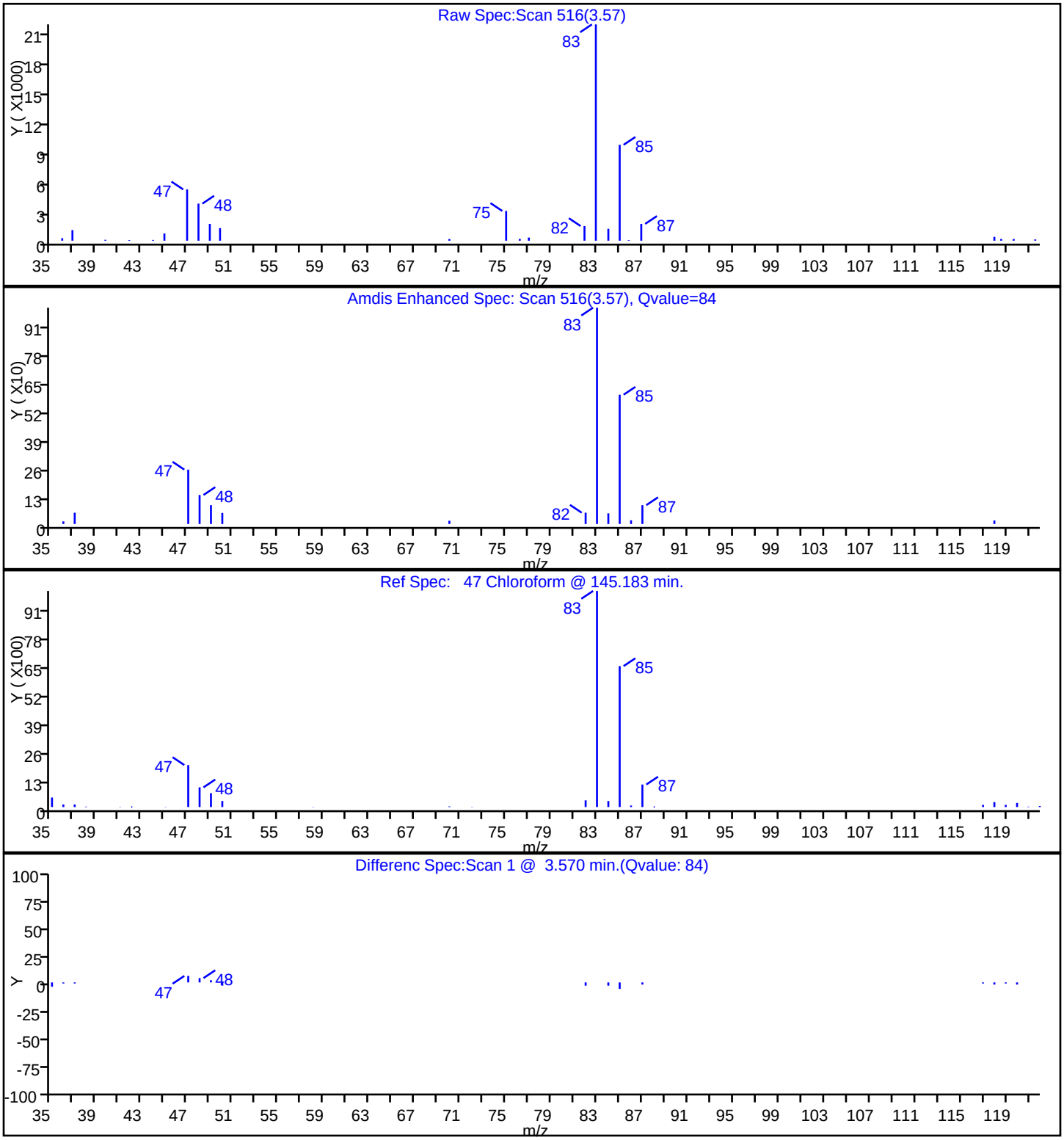
Report Date: 20-Sep-2013 08:59:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363084.D

Injection Date:	18-Sep-2013 12:04:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	181887	Lims Sample ID:	27
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



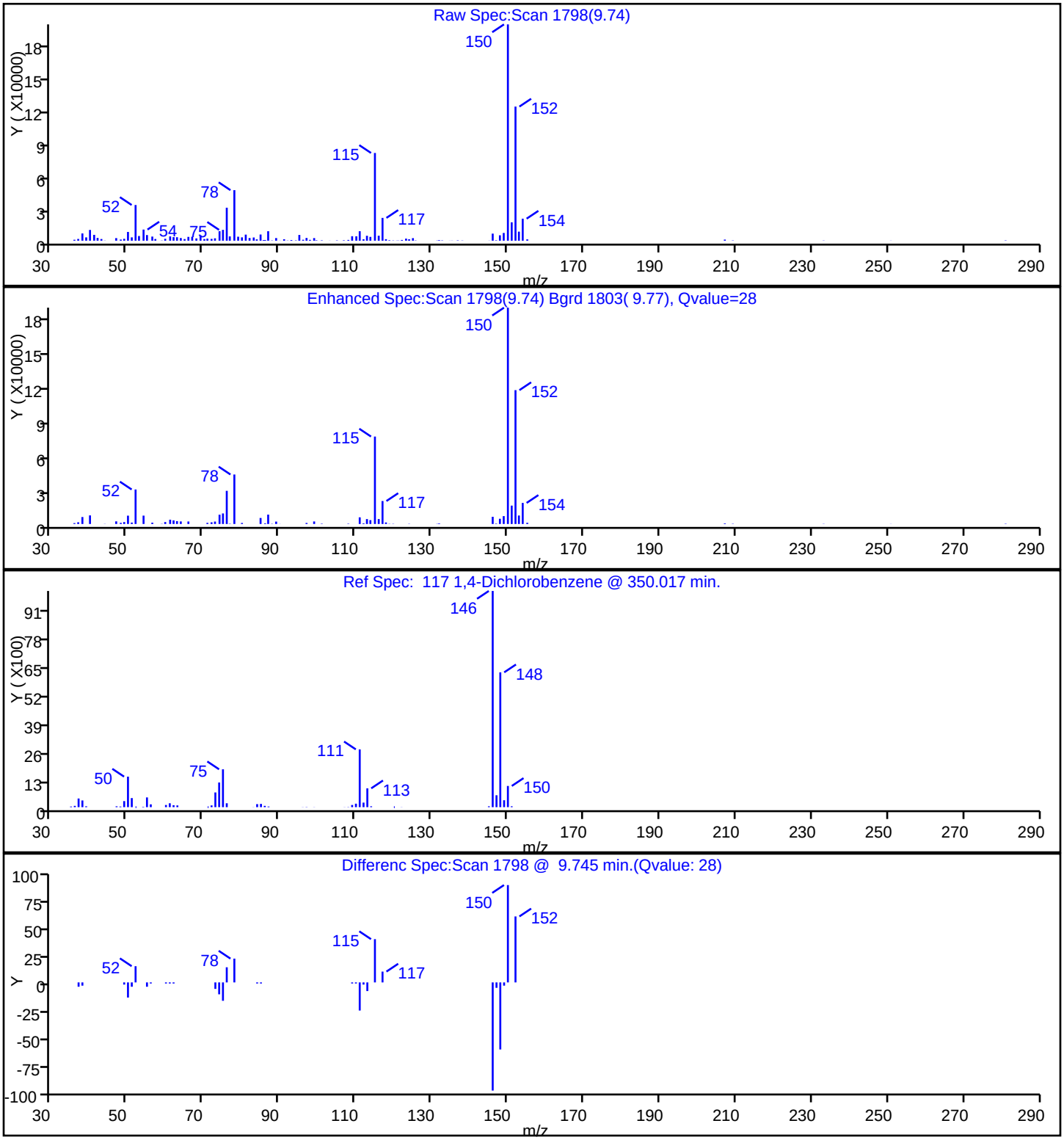
Report Date: 20-Sep-2013 08:59:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363084.D

Injection Date:	18-Sep-2013 12:04:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	181887	Lims Sample ID:	27
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



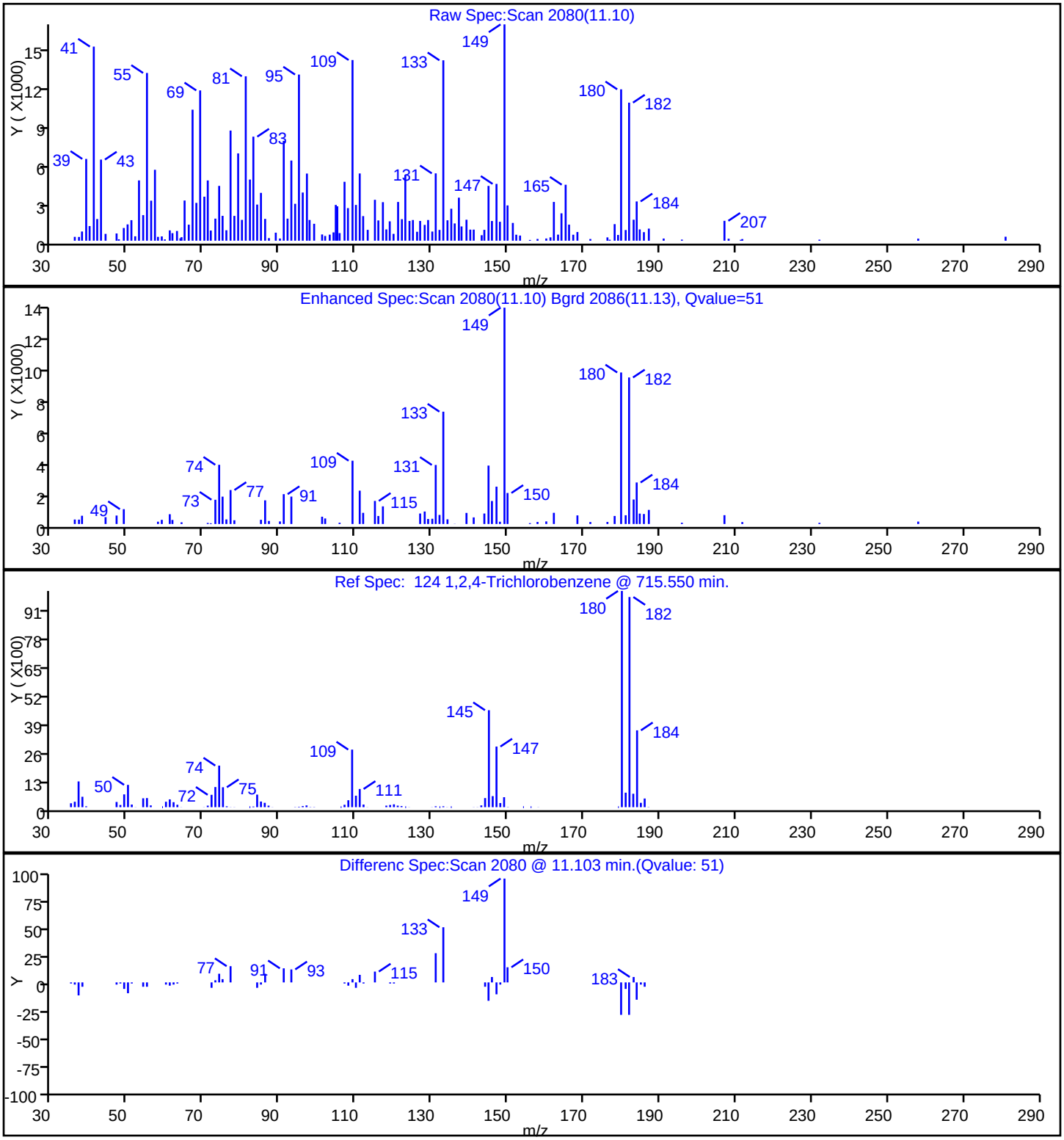
Report Date: 20-Sep-2013 08:59:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363084.D

Injection Date:	18-Sep-2013 12:04:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	181887	Lims Sample ID:	27
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



Report Date: 20-Sep-2013 08:59:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363084.D

Injection Date: 18-Sep-2013 12:04:30 Limit Group: VOA - 8260B Water and Solid

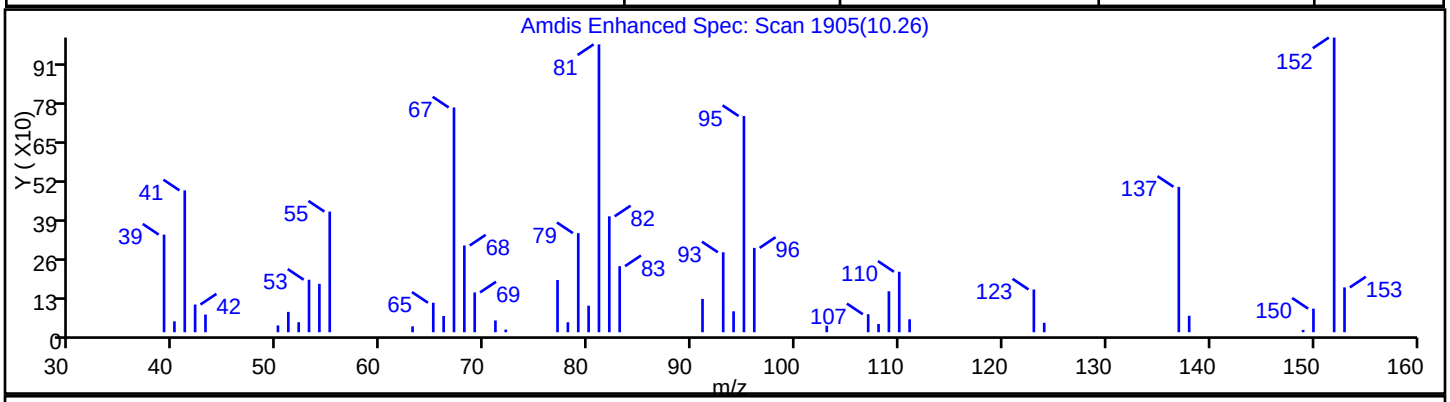
Client ID: PMP-27SE-WT Instrument ID: CVOAMS4

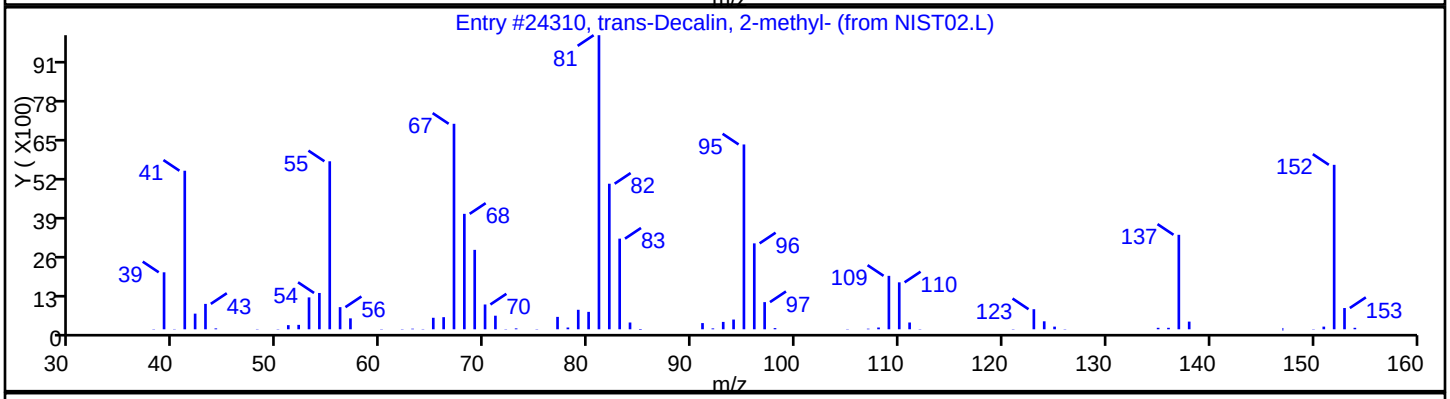
Lims Batch ID: 181887 Lims Sample ID: 27

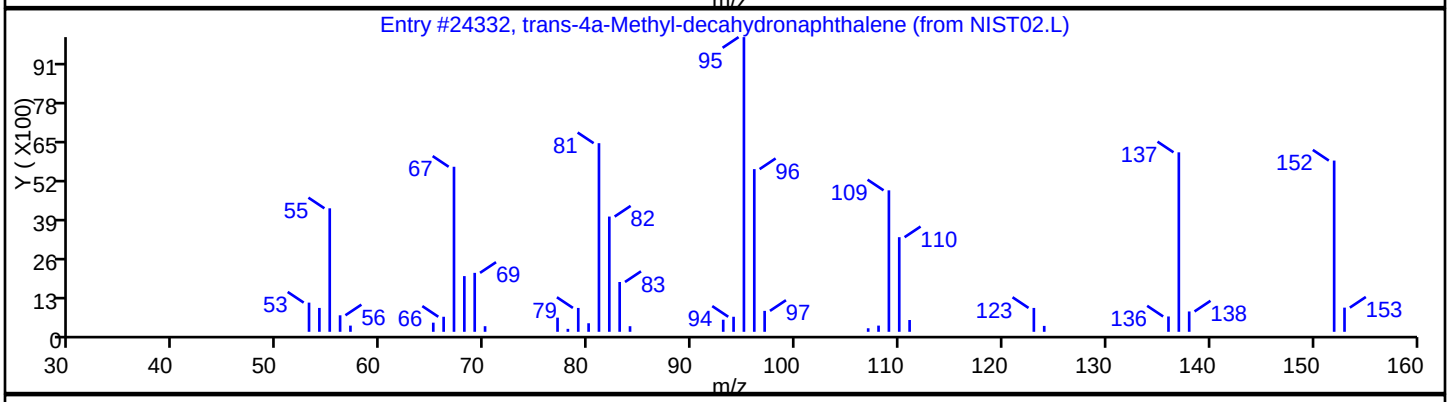
Operator ID: Purge Vol: 5.000 mL

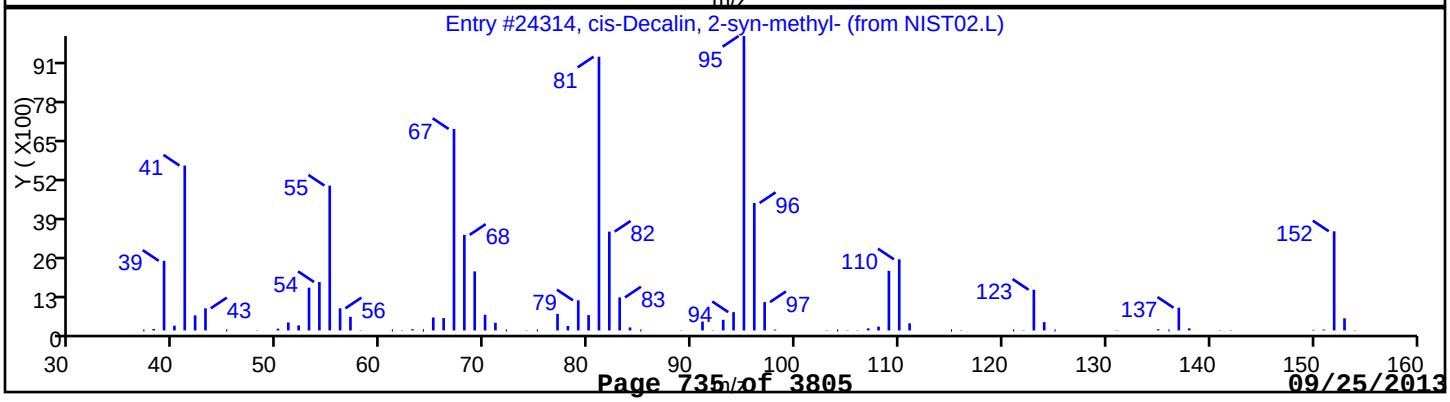
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	91
trans-4a-Methyl-decahydronaphthalene	2547-27-5	NIST02.L	24332	74
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.L	24314	70









Report Date: 20-Sep-2013 08:59:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363084.D

Injection Date: 18-Sep-2013 12:04:30 Limit Group: VOA - 8260B Water and Solid

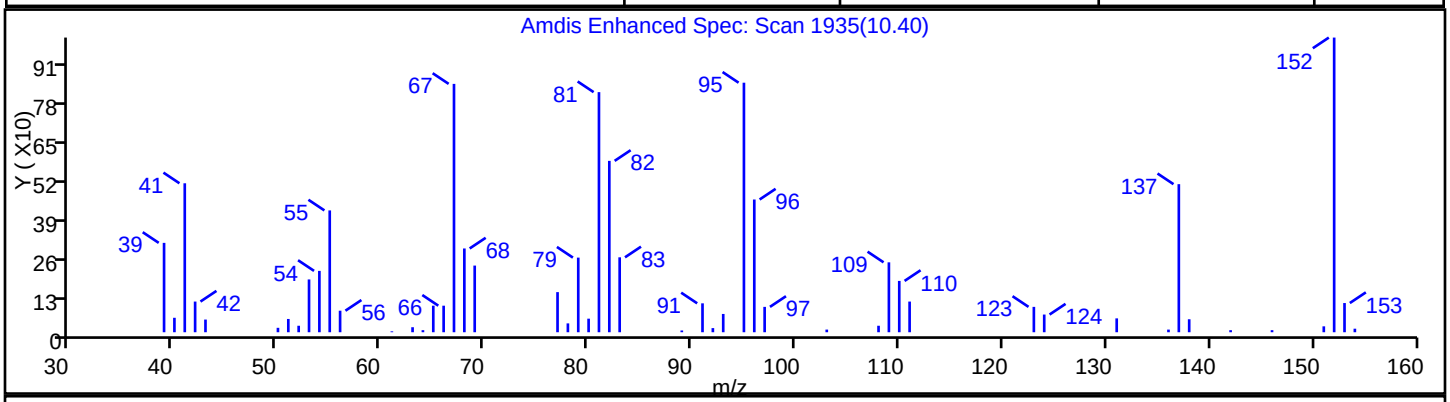
Client ID: PMP-27SE-WT Instrument ID: CVOAMS4

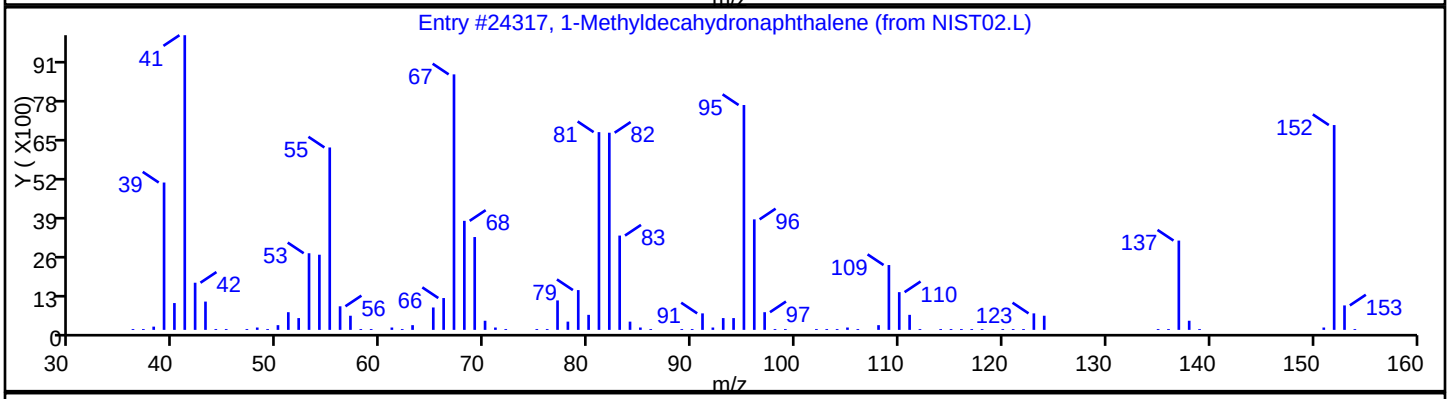
Lims Batch ID: 181887 Lims Sample ID: 27

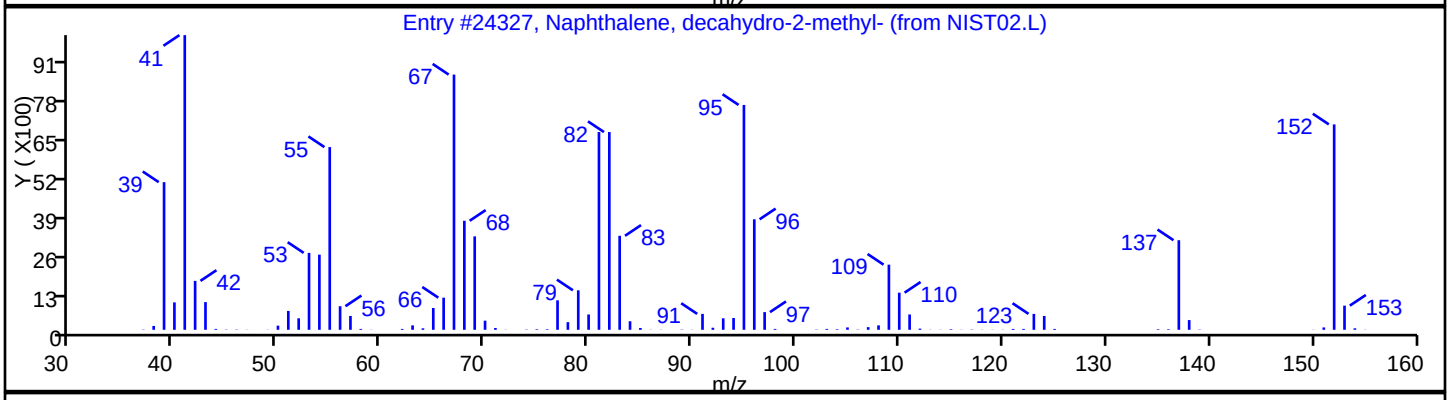
Operator ID: Purge Vol: 5.000 mL

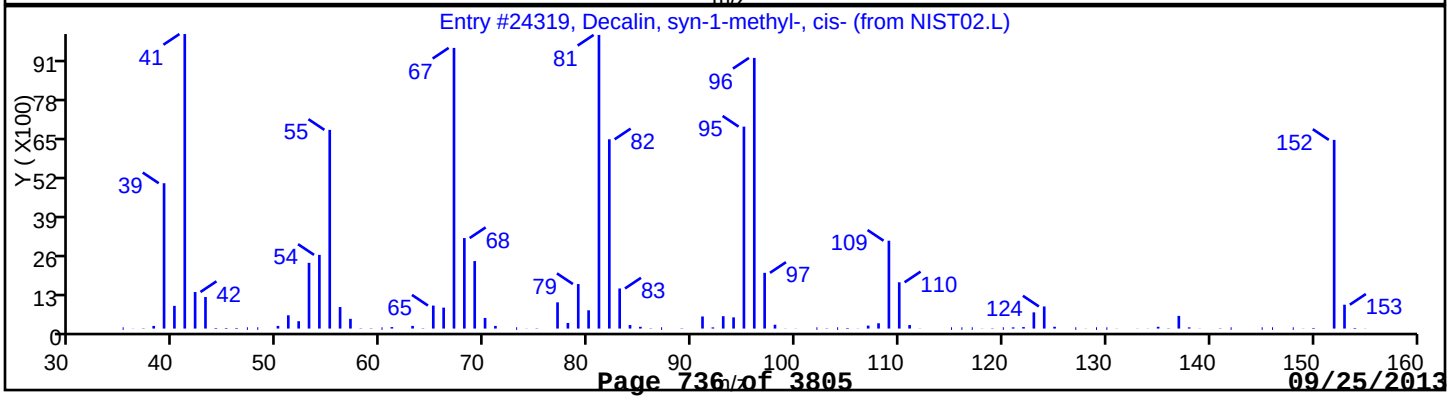
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	95
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24327	95
Decalin, syn-1-methyl-, cis-	1000158-89-1	NIST02.L	24319	89



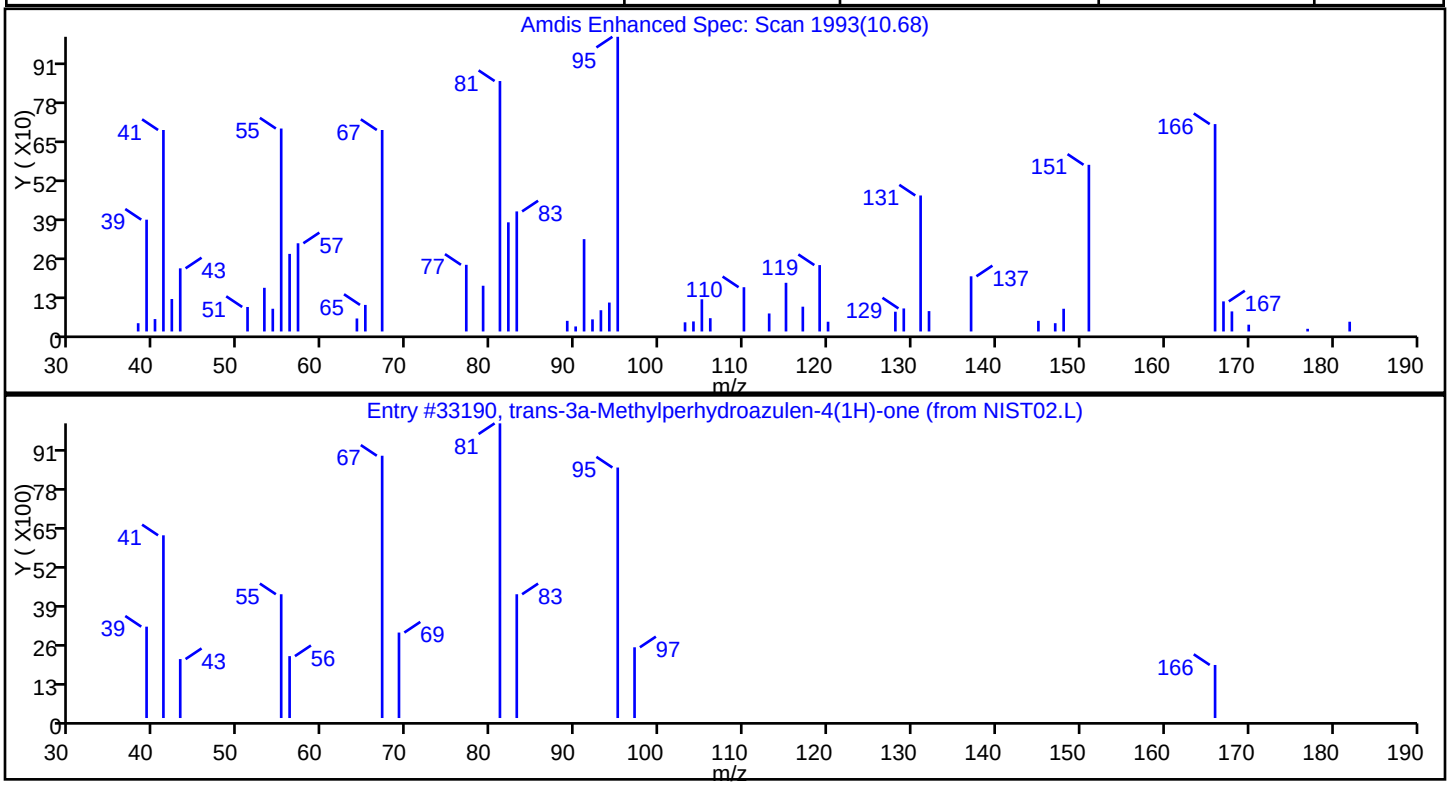






Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363084.D
Injection Date: 18-Sep-2013 12:04:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-27SE-WT Instrument ID: CVOAMS4
Lims Batch ID: 181887 Lims Sample ID: 27
Operator ID: Purge Vol: 5.000 mL
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
trans-3a-Methylperhydroazulen-4(1H)-one	85318-94-1	NIST02.L	33190	70



Report Date: 20-Sep-2013 08:59:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363084.D

Injection Date: 18-Sep-2013 12:04:30 Limit Group: VOA - 8260B Water and Solid

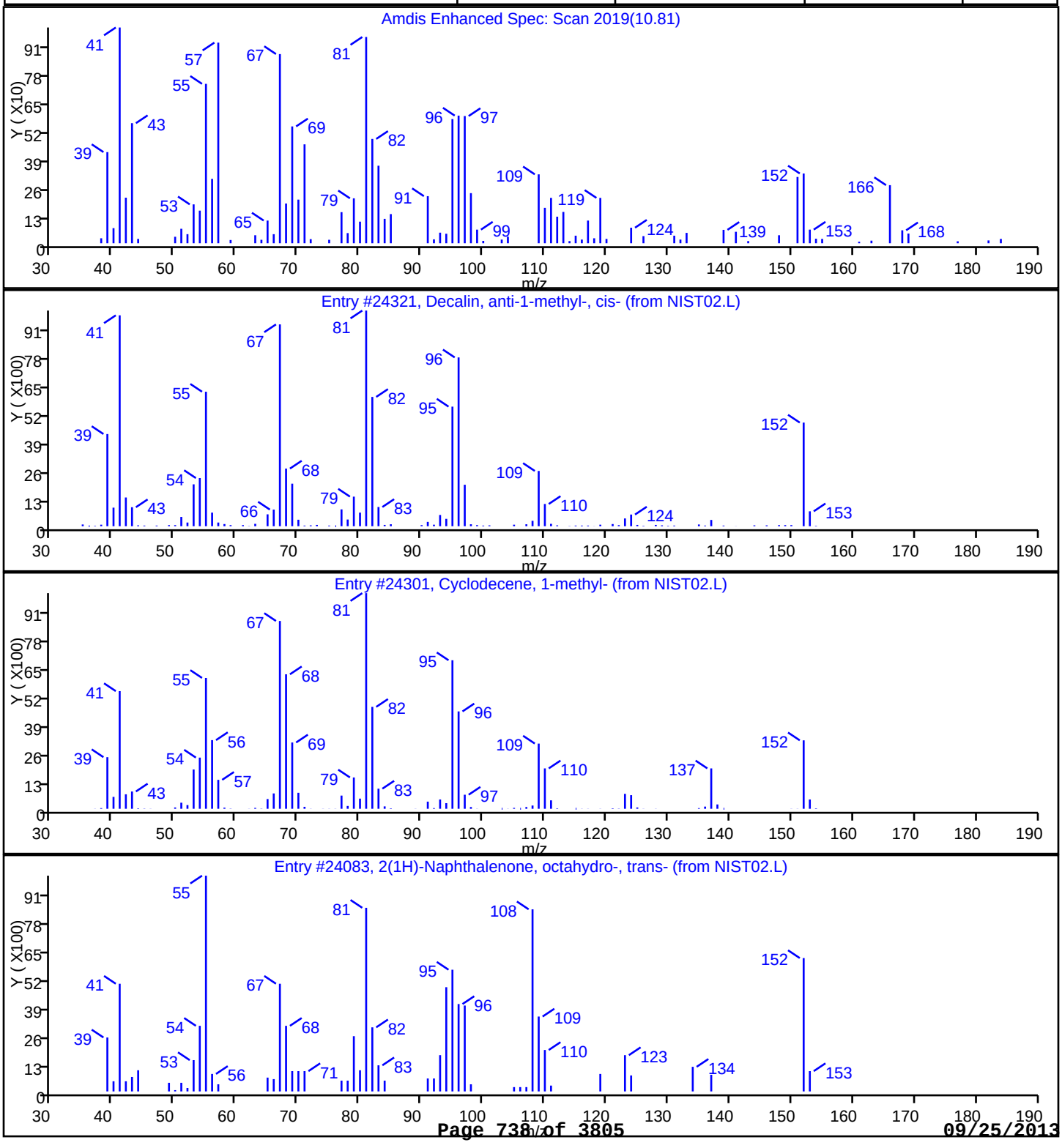
Client ID: PMP-27SE-WT Instrument ID: CVOAMS4

Lims Batch ID: 181887 Lims Sample ID: 27

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, anti-1-methyl-, cis-	1000158-89-0	NIST02.L	24321	91
Cyclodecene, 1-methyl-	66633-38-3	NIST02.L	24301	78
2(1H)-Naphthalenone, octahydro-, trans-	16021-08-2	NIST02.L	24083	76



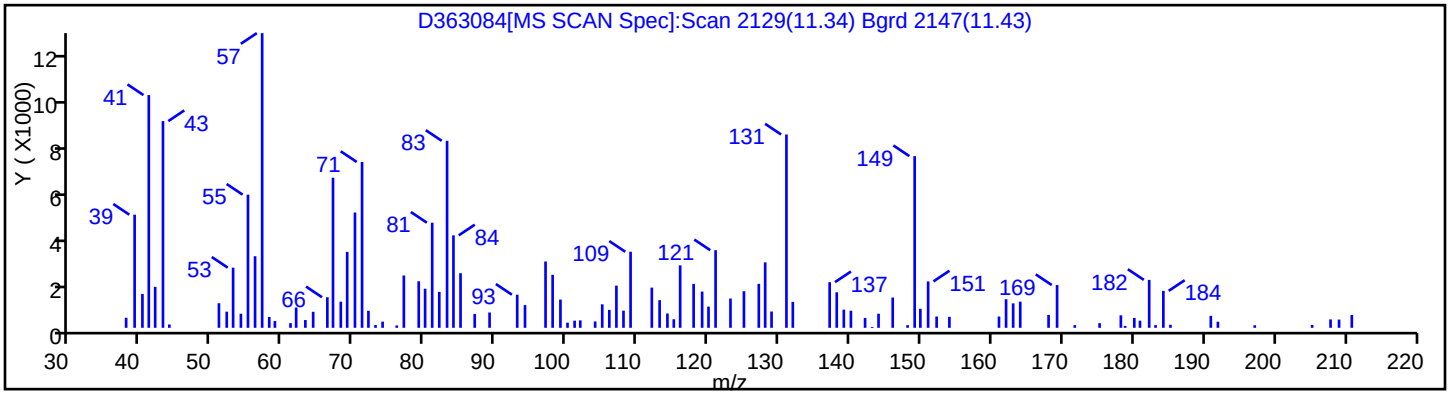
Report Date: 20-Sep-2013 08:59:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363084.D

Injection Date:	18-Sep-2013 12:04:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	181887	Lims Sample ID:	27
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

No Library Matches Found above the Threshold: 40



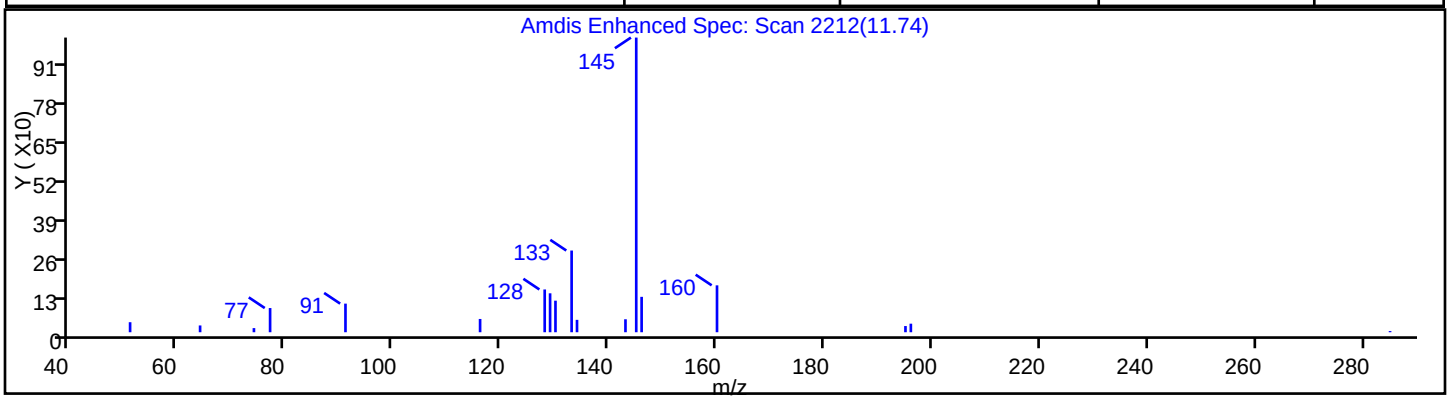
Report Date: 20-Sep-2013 08:59:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

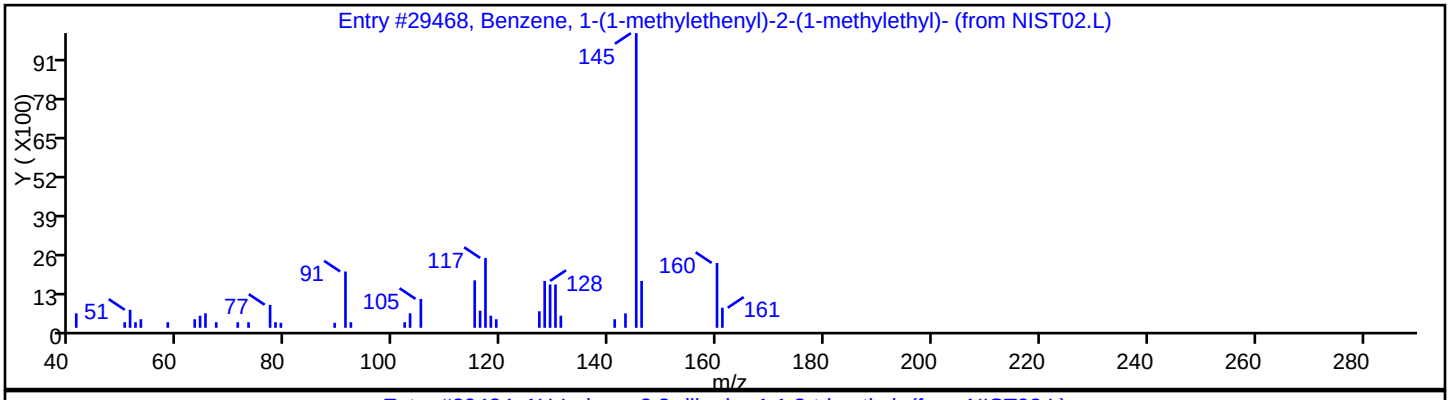
TestAmerica Edison

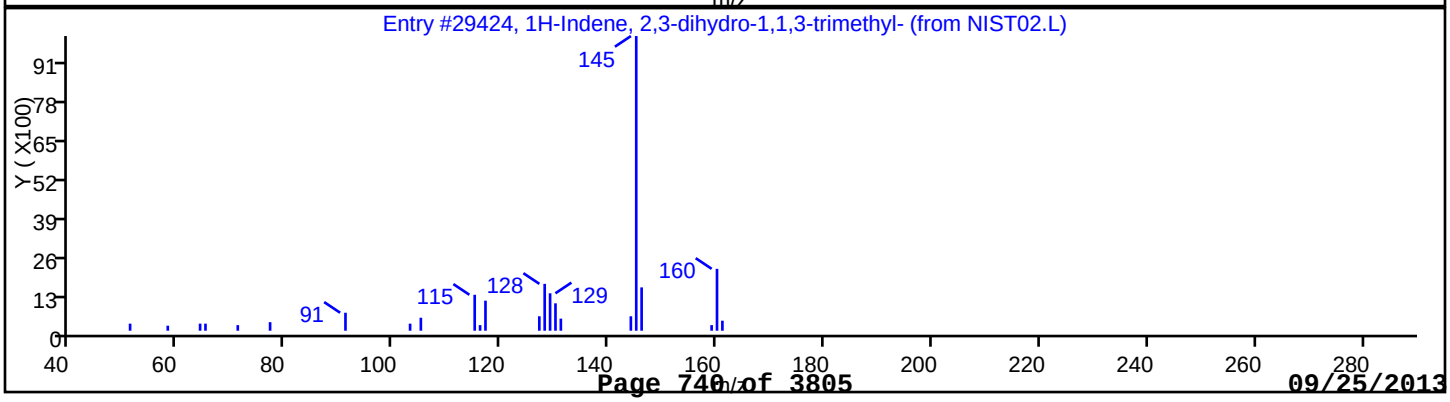
Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363084.D

Injection Date:	18-Sep-2013 12:04:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	181887	Lims Sample ID:	27
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
Benzene, 1-(1-methylethenyl)-2-(1-methyl	5557-93-7	NIST02.L	29468	74
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	2613-76-5	NIST02.L	29424	72







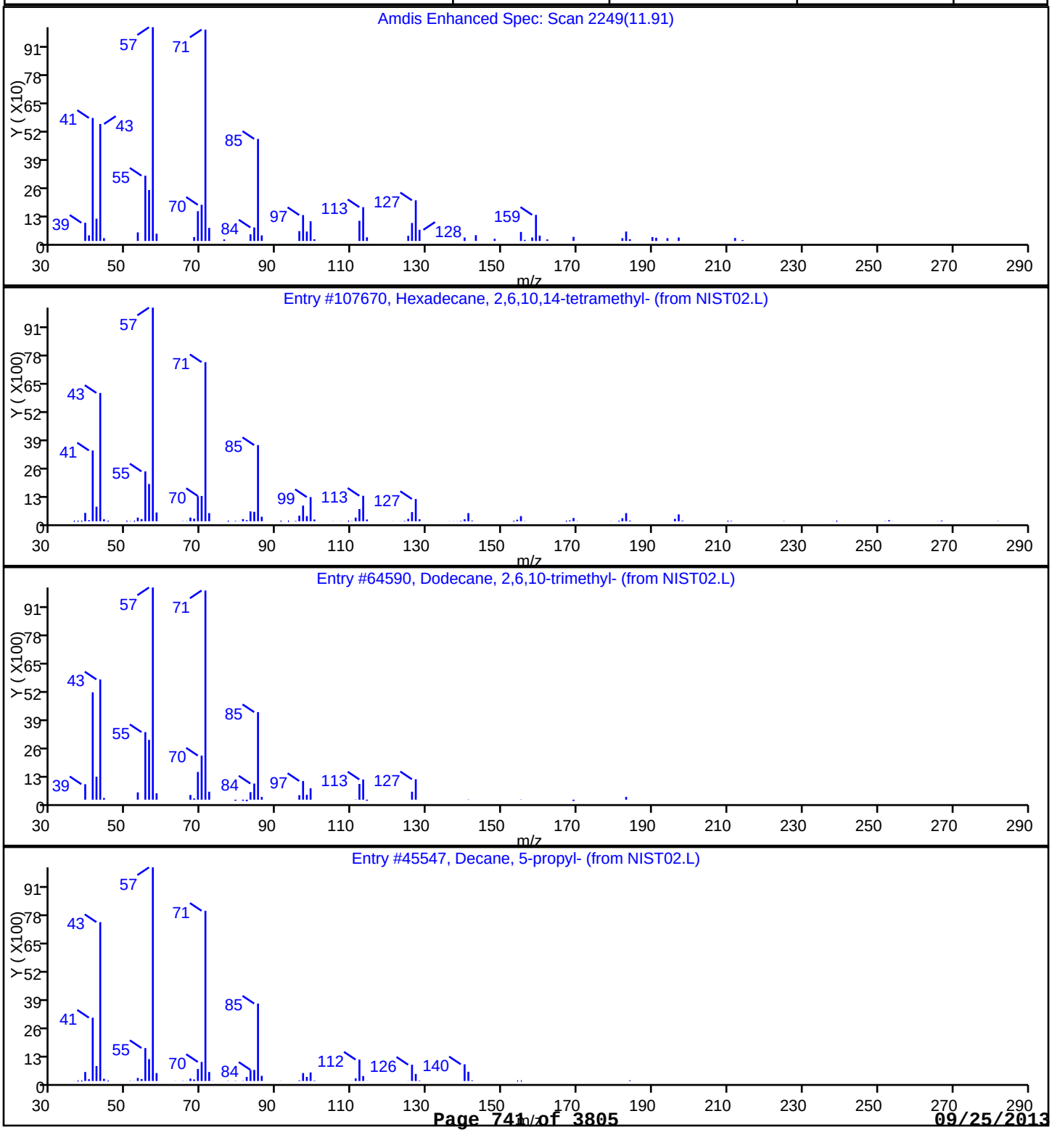
Report Date: 20-Sep-2013 08:59:39 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363084.D

Injection Date:	18-Sep-2013 12:04:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	181887	Lims Sample ID:	27
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
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	86
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	83
Decane, 5-propyl-	17312-62-8	NIST02.L	45547	72

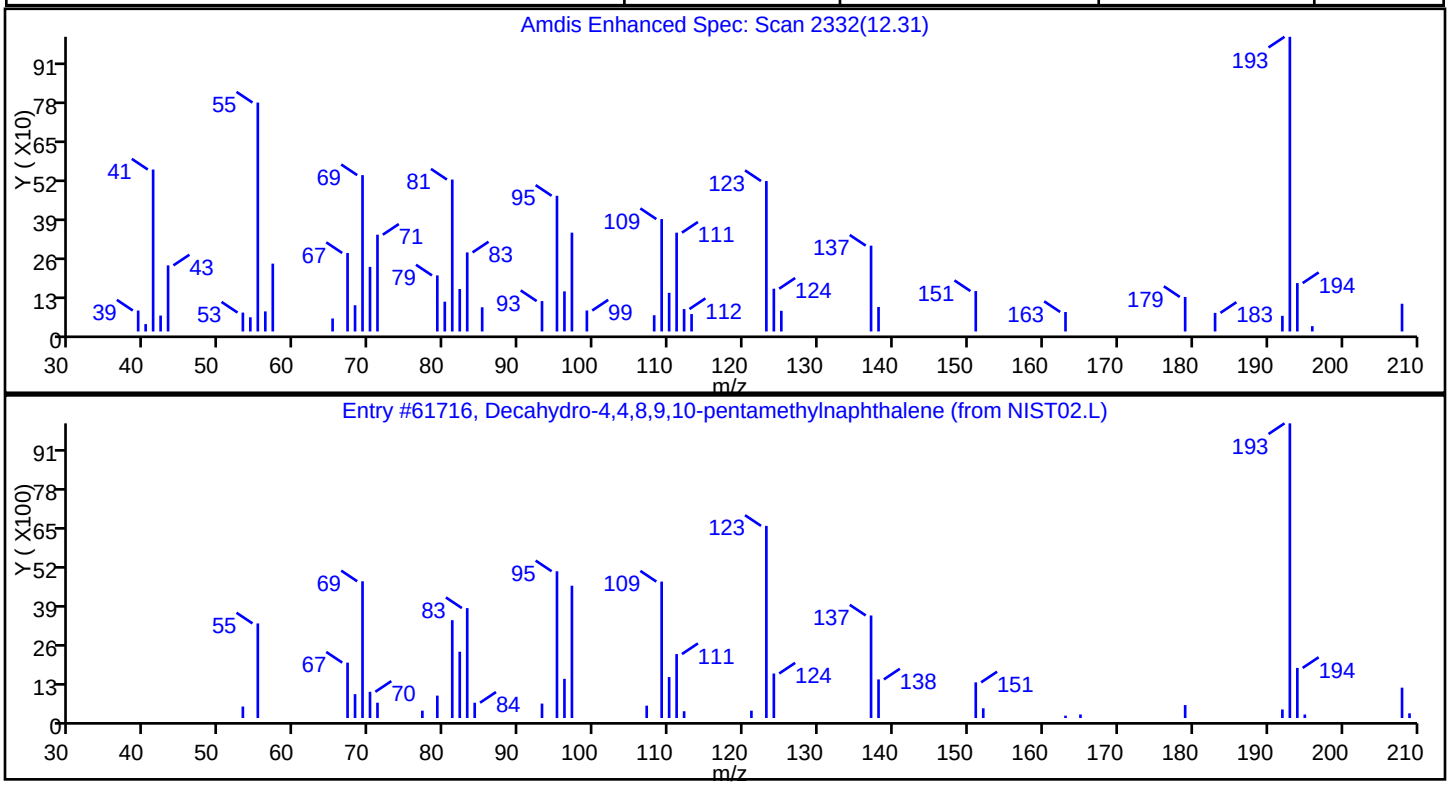


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363084.D

Injection Date:	18-Sep-2013 12:04:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	181887	Lims Sample ID:	27
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
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	96



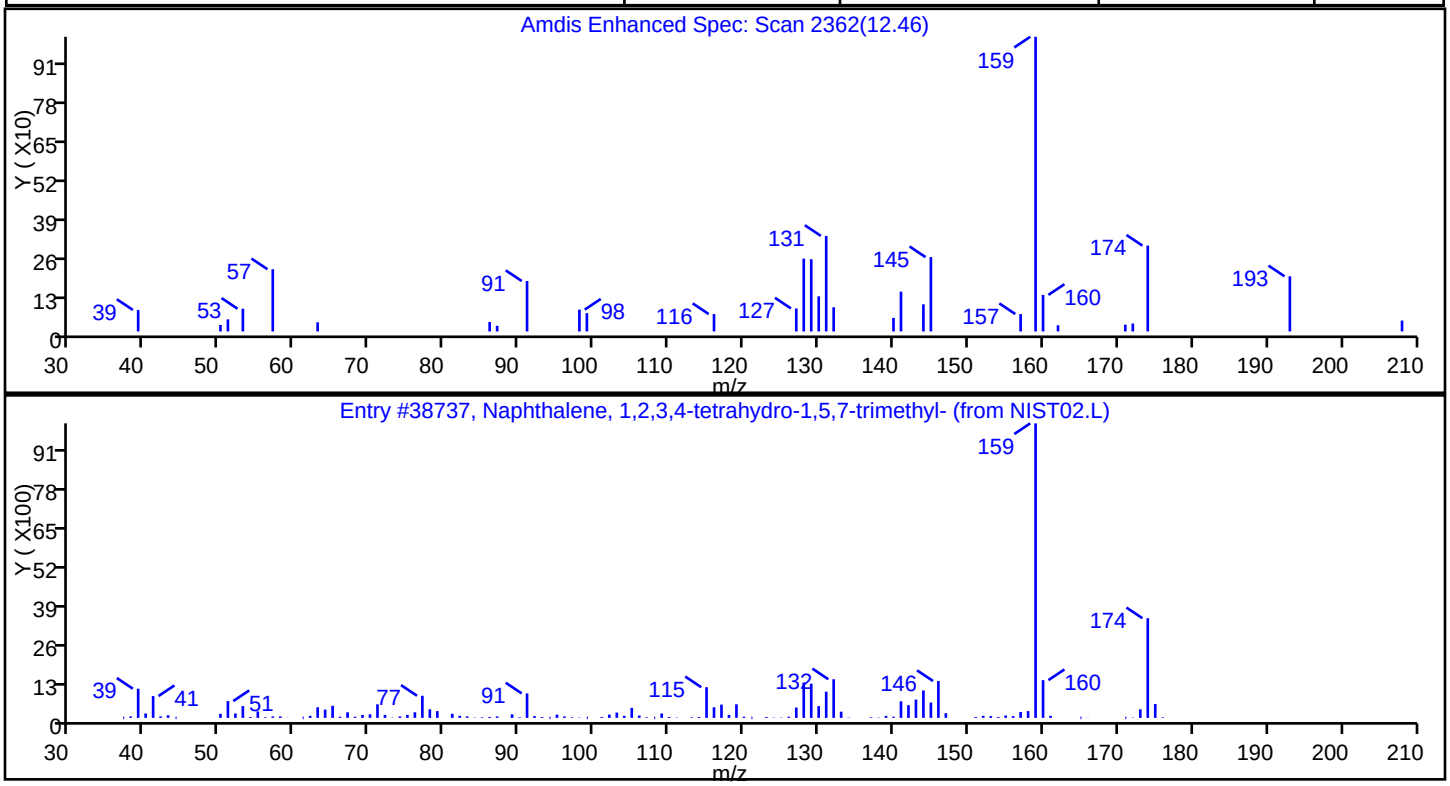
Report Date: 20-Sep-2013 08:59:39 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363084.D

Injection Date:	18-Sep-2013 12:04:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	181887	Lims Sample ID:	27
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-1,5,7-tr	21693-55-0	NIST02.L	38737	74



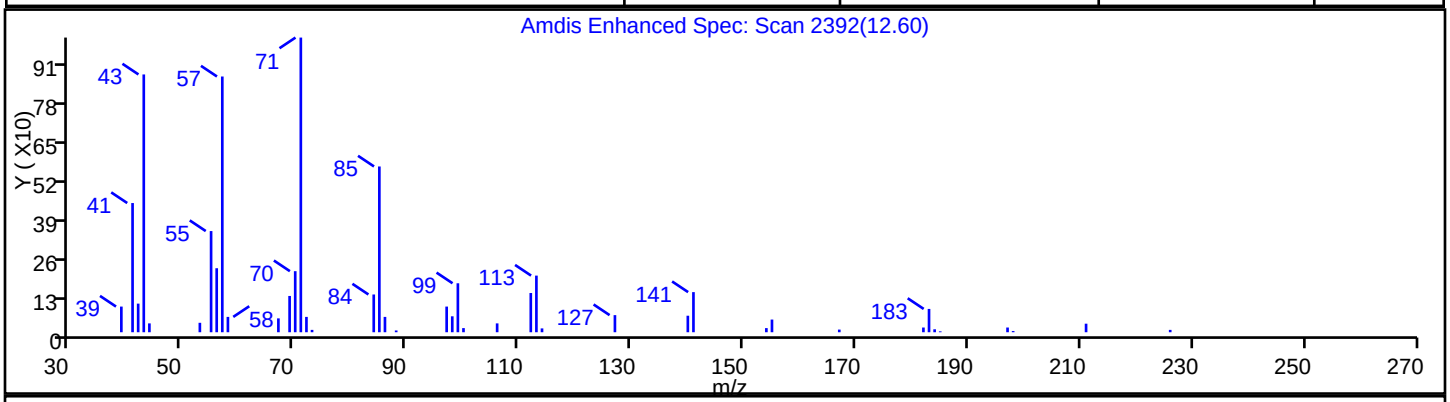
Report Date: 20-Sep-2013 08:59:39 Chrom Revision: 2.1 25-Jul-2013 20:19:50

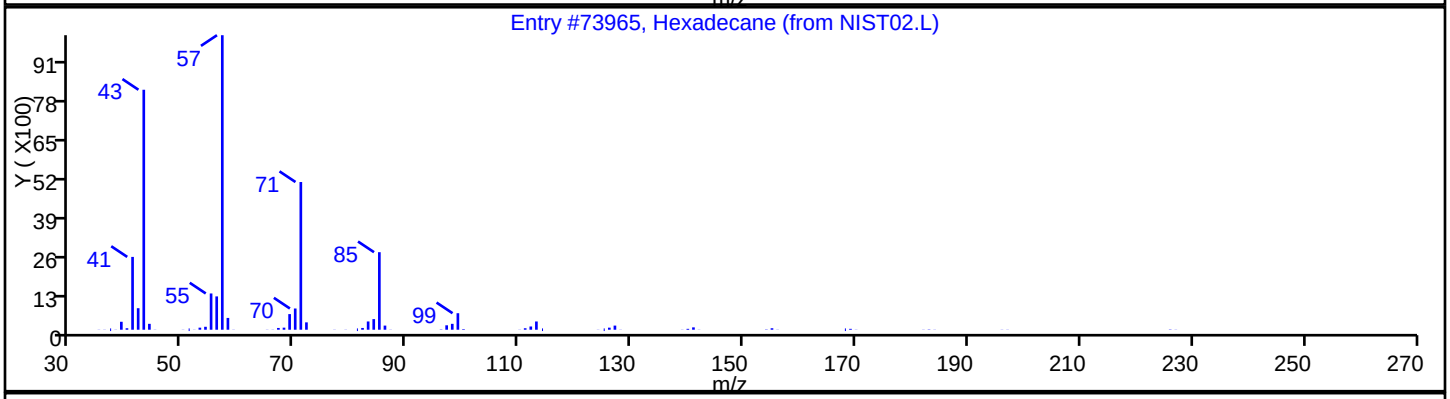
TestAmerica Edison

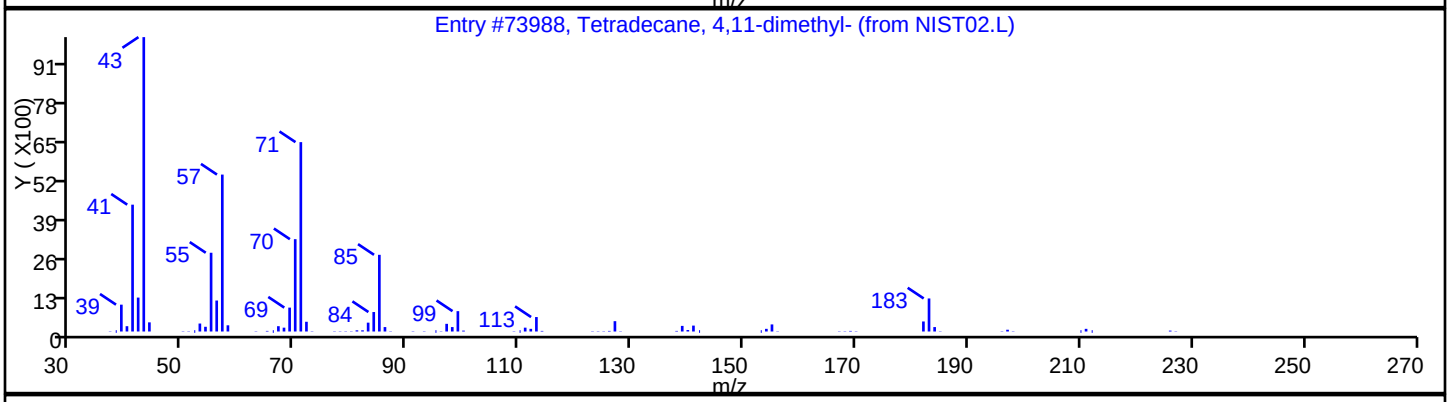
Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363084.D

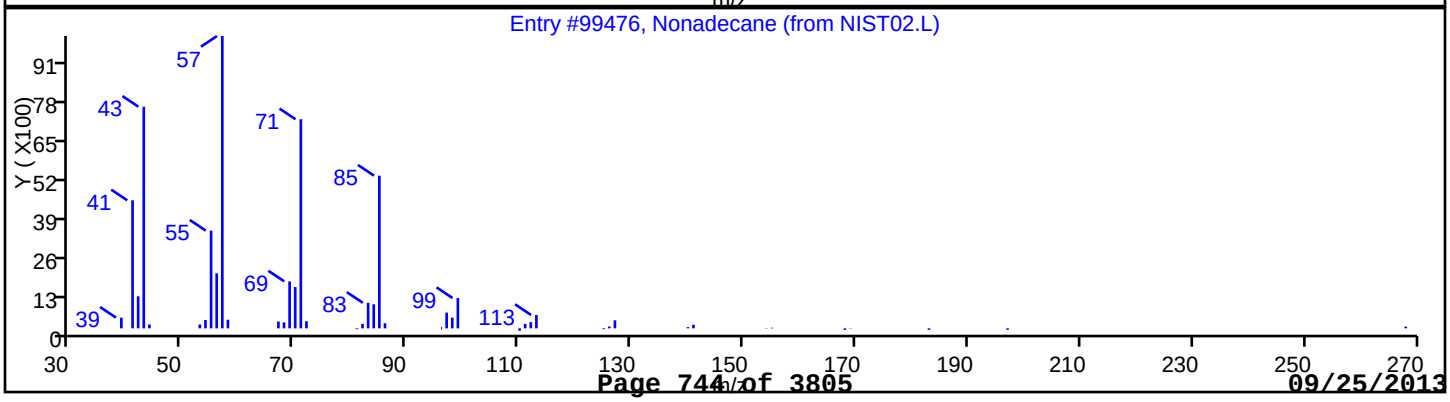
Injection Date:	18-Sep-2013 12:04:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	181887	Lims Sample ID:	27
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane	544-76-3	NIST02.L	73965	76
Tetradecane, 4,11-dimethyl-	55045-12-0	NIST02.L	73988	76
Nonadecane	629-92-5	NIST02.L	99476	72









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SI | Lab Sample ID: 460-62968-3

Matrix: Solid | Lab File ID: D363150.D

Analysis Method: 8260B | Date Collected: 09/12/2013 08:55

Sample wt/vol: 5.615(g) | Date Analyzed: 09/19/2013 18:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.7 | Level: (low/med) Low

Analysis Batch No.: 182221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.17	U	1.0	0.17
74-83-9	Bromomethane	0.44	U	1.0	0.44
75-01-4	Vinyl chloride	0.35	U	1.0	0.35
75-00-3	Chloroethane	0.34	U	1.0	0.34
75-09-2	Methylene Chloride	0.15	U	1.0	0.15
67-64-1	Acetone	6.5		5.2	1.7
75-15-0	Carbon disulfide	1.2		1.0	0.15
75-69-4	Trichlorofluoromethane	0.17	U	1.0	0.17
75-35-4	1,1-Dichloroethene	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.25	U	1.0	0.25
78-93-3	2-Butanone	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	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.18	U	1.0	0.18
100-42-5	Styrene	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	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	13	U	21	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.21	U	5.2	0.21
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.17	U	1.0	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SI | Lab Sample ID: 460-62968-3

Matrix: Solid | Lab File ID: D363150.D

Analysis Method: 8260B | Date Collected: 09/12/2013 08:55

Sample wt/vol: 5.615(g) | Date Analyzed: 09/19/2013 18:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.7 | Level: (low/med) Low

Analysis Batch No.: 182221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.86	J	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	4.3		1.0	0.20
87-61-6	1,2,3-Trichlorobenzene	0.17	U	1.0	0.17
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.35	J	1.0	0.12
1330-20-7	Xylenes, Total	0.69	U	3.1	0.69
96-12-8	1,2-Dibromo-3-Chloropropane	0.45	U	1.0	0.45
79-34-5	1,1,2,2-Tetrachloroethane	0.093	U	1.0	0.093
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.23	U	1.0	0.23
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.33	U	1.0	0.33

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	105		70-130
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SI Lab Sample ID: 460-62968-3

Matrix: Solid Lab File ID: D363150.D

Analysis Method: 8260B Date Collected: 09/12/2013 08:55

Sample wt/vol: 5.615(g) Date Analyzed: 09/19/2013 18:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.7 Level: (low/med) Low

Analysis Batch No.: 182221 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 891

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	10.68	60	J N
17301-23-4	Undecane, 2,6-dimethyl-	10.80	130	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	11.06	58	J N
13151-29-6	1-Decene, 4-methyl-	11.19	78	J N
629-50-5	Tridecane	11.33	75	J N
40650-41-7	1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	11.73	86	J N
3891-98-3	Dodecane, 2,6,10-trimethyl-	11.91	100	J N
629-59-4	Tetradecane	12.04	69	J N
475-03-6	Naphthalene, 1,2,3,4-tetrahydro-1,1,6-tr	12.46	65	J N
544-76-3	Hexadecane	12.60	170	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363150.D		
Lims ID:	460-62968-C-3-A	Client ID:	PMP-27SE-SI
Inject. Date:	19-Sep-2013 18:46:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-C-3-A		
Misc. Info.:	460-0004820-015		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	14
Lims Batch ID:	182221	Lims Sample ID:	15
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\8260S_4.m		
Last Update:	20-Sep-2013 07:41:53	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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 07:41:53

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
21 Carbon disulfide	76	2.011	2.016	-0.005	88	16787	1.14	
19 Acetone	43	2.421	2.435	-0.014	87	16889	6.26	
* 151 TBA-d9 (IS)	65	2.647	2.647	0.0	61	180057	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.721	3.721	0.0	93	159190	44.3	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.164	4.173	-0.009	95	159245	41.7	
* 59 Fluorobenzene	96	4.429	4.433	-0.004	98	612987	50.0	
* 150 1,4-Dioxane-d8	96	5.421	5.406	0.015	1	15175	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.100	6.104	-0.004	99	611514	48.9	
80 Tetrachloroethene	166	6.610	6.610	0.0	40	1980	0.3377	M
* 87 Chlorobenzene-d5	117	7.795	7.794	0.001	85	471094	50.0	
$ 99 4-Bromofluorobenzene	174	8.868	8.873	-0.005	87	211079	52.5	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	90	259916	50.0	
117 1,4-Dichlorobenzene	146	9.740	9.745	-0.005	20	8875	0.8317	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	58	36300	4.17	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363150.D		
Lims ID:	460-62968-C-3-A	Client ID:	PMP-27SE-SI
Inject. Date:	19-Sep-2013 18:46:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-C-3-A		
Misc. Info.:	460-0004820-015		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	14
Lims Batch ID:	182221	Lims Sample ID:	15
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\8260S_4.m		
Last Update:	20-Sep-2013 07:41:53	Calib Date:	05-Sep-2013 06:32:30
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 07:41:53

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	1618-22-0	Naphthalene, decahydro-2,6-dimethyl-				
10.684	1618187	57.9	116	83	33325	
	17301-23-4	Undecane, 2,6-dimethyl-				
10.799	3504517	125.4	116	95	45584	
	54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-				
11.064	1571291	56.2	116	91	44160	
	13151-29-6	1-Decene, 4-methyl-				
11.194	2116973	75.8	116	74	25833	
	629-50-5	Tridecane				
11.334	2018489	72.2	116	95	45543	
	40650-41-7	1H-Indene, 2,3-dihydro-1,1,5-trimethyl-				
11.734	2332101	83.5	116	90	29423	
	3891-98-3	Dodecane, 2,6,10-trimethyl-				
11.912	2789573	99.8	116	91	64590	
	629-59-4	Tetradecane				
12.042	1858599	66.5	116	98	55007	
	475-03-6	Naphthalene, 1,2,3,4-tetrahydro-1,1,6-tr				
12.456	1767511	63.3	116	86	38744	
	544-76-3	Hexadecane				
12.600	4511038	161.5	116	86	73966	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	9.735	1396936	50.0

QC Flag Legend

Processing Flags

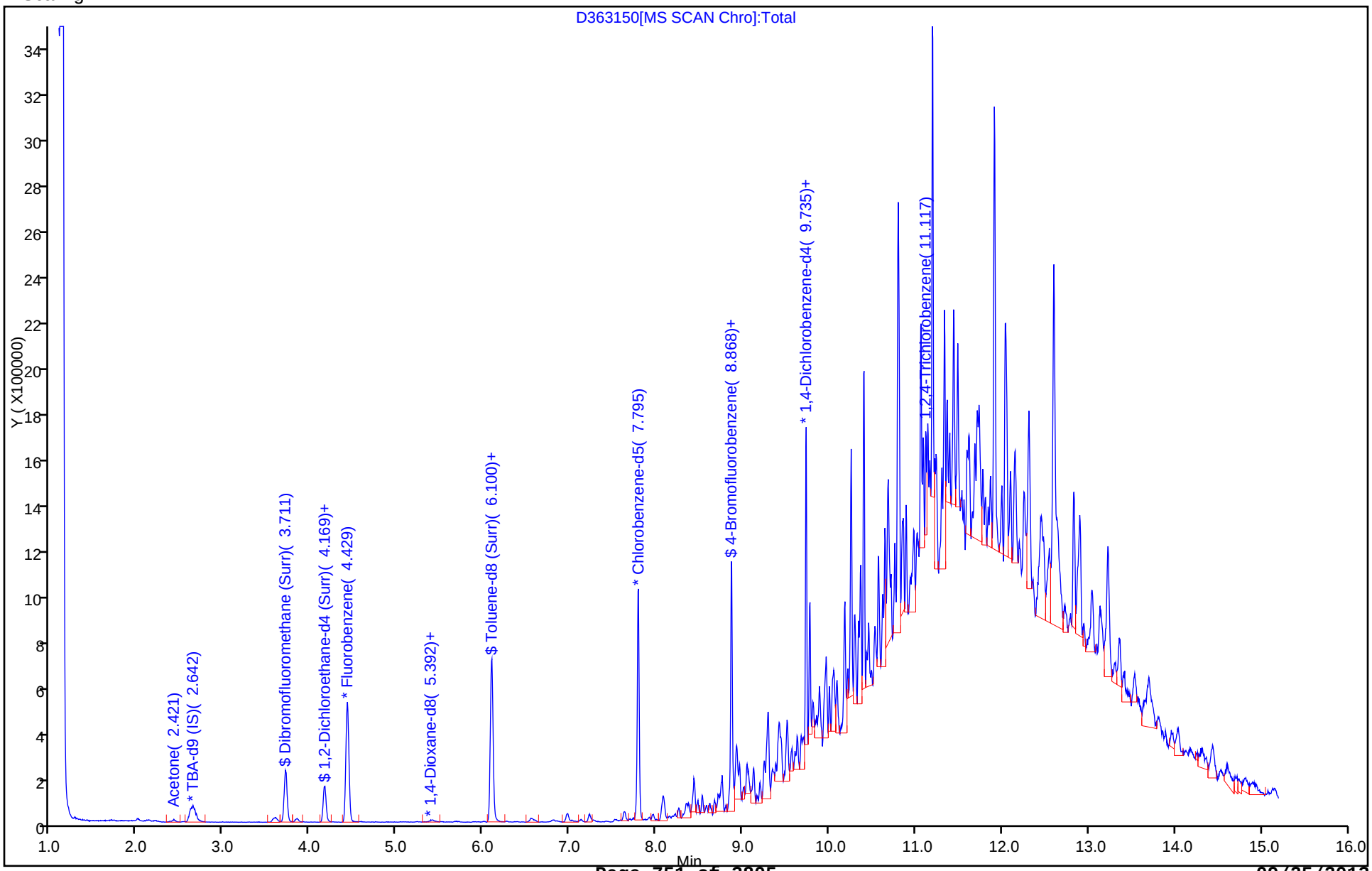
Report Date: 20-Sep-2013 07:41:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363150.D

Injection Date:	19-Sep-2013 18:46:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



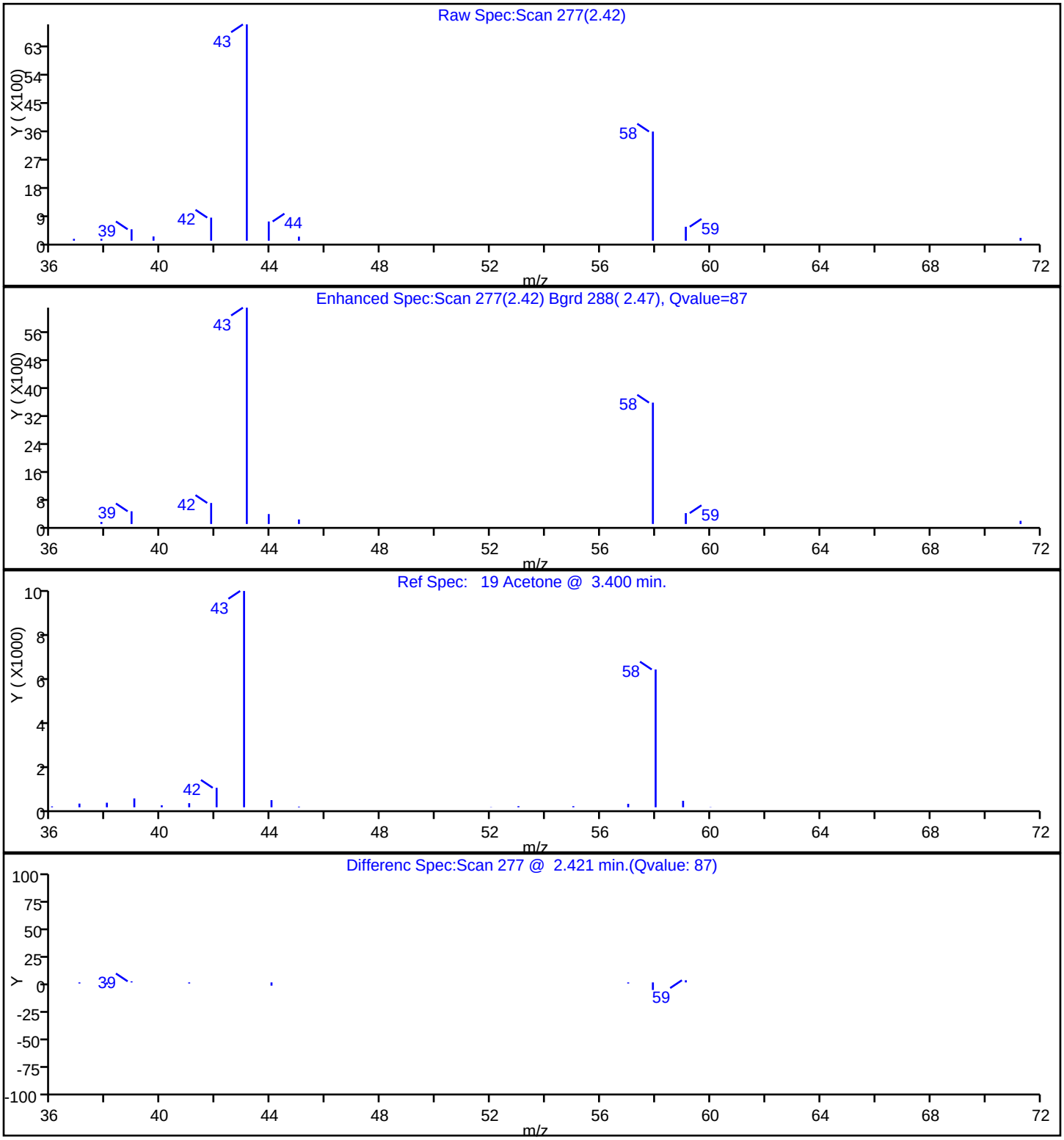
Report Date: 20-Sep-2013 07:41:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363150.D

Injection Date:	19-Sep-2013 18:46:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



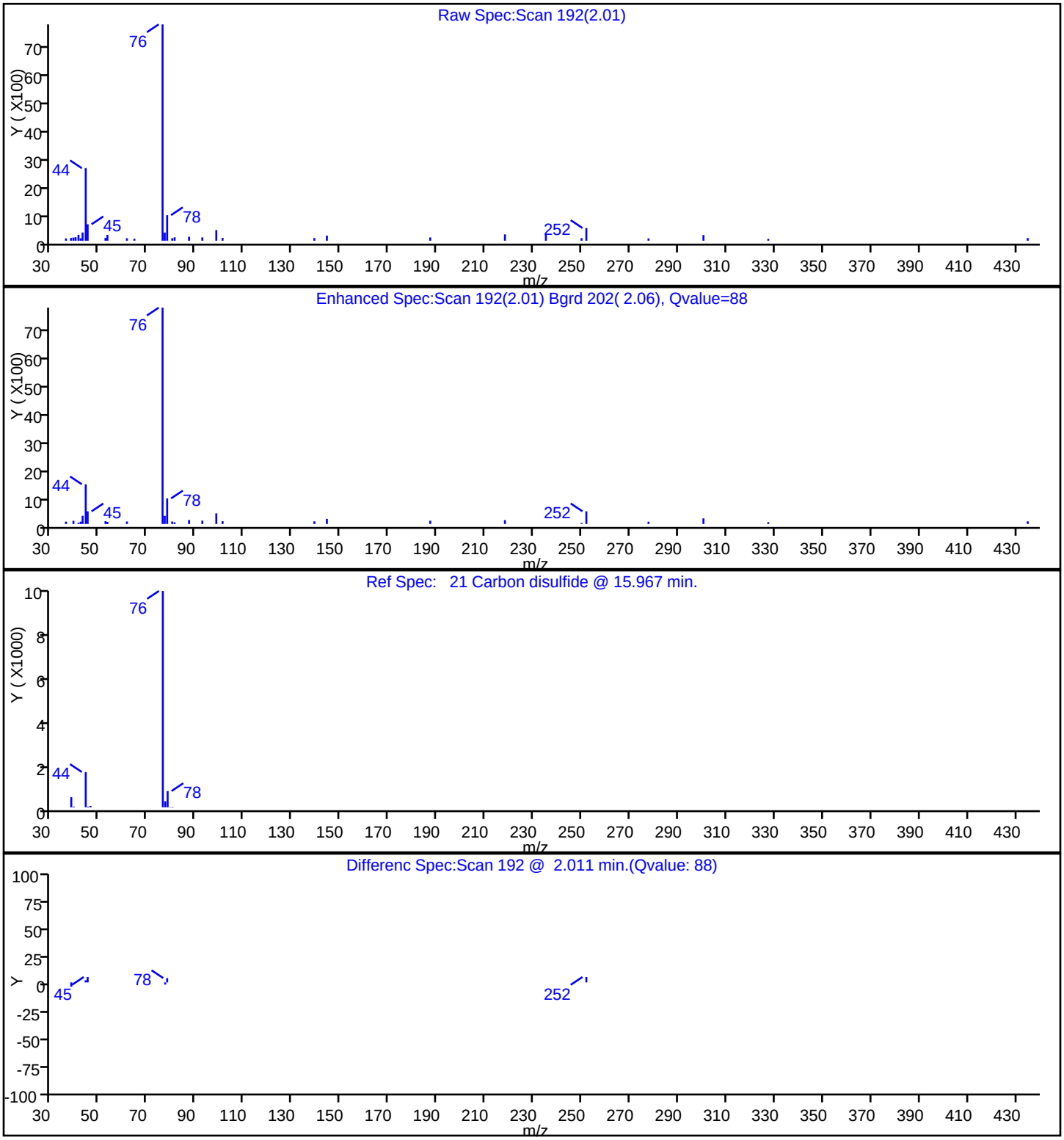
Report Date: 20-Sep-2013 07:41:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363150.D

Injection Date:	19-Sep-2013 18:46:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

21 Carbon disulfide



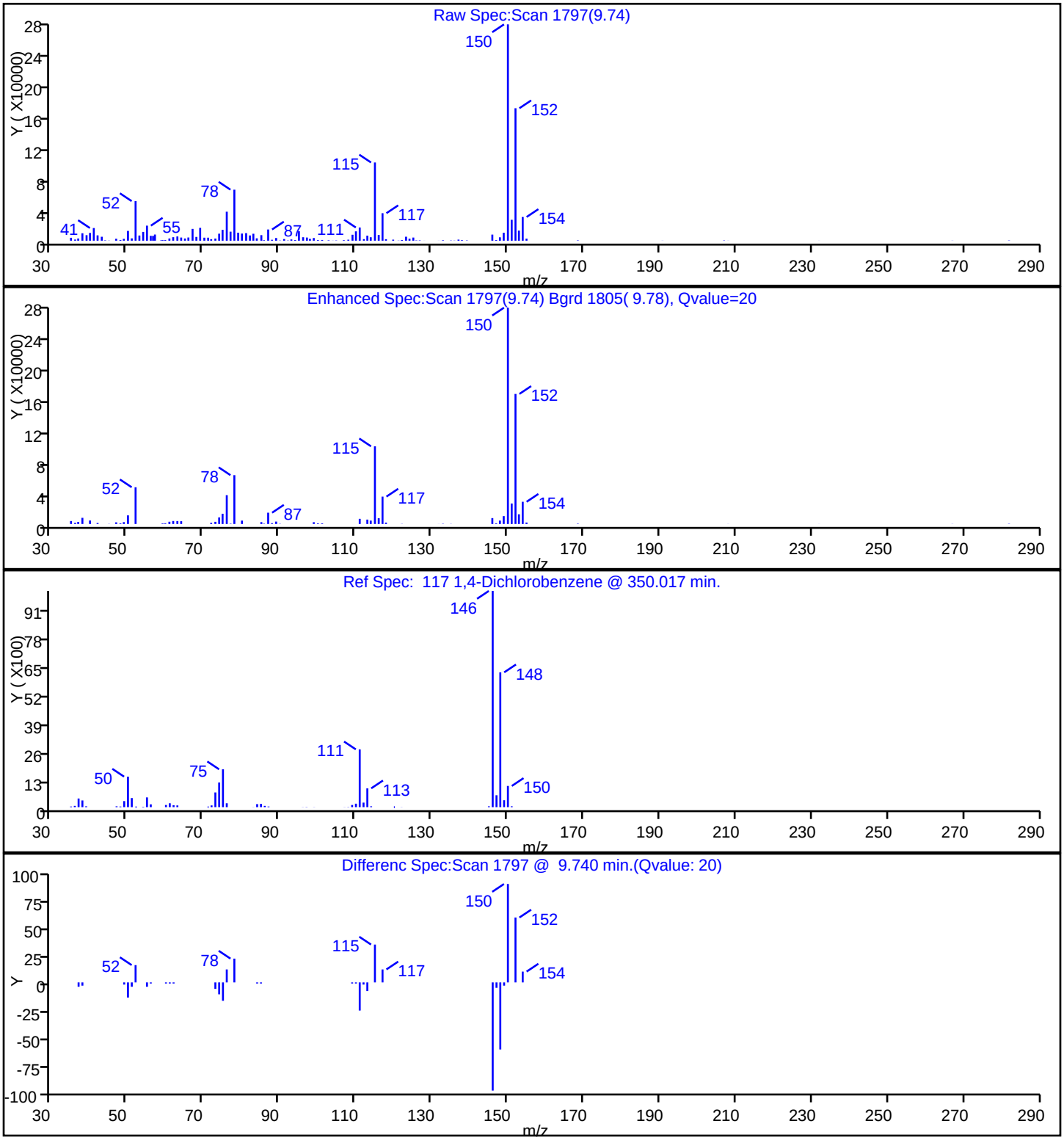
Report Date: 20-Sep-2013 07:41:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363150.D

Injection Date:	19-Sep-2013 18:46:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



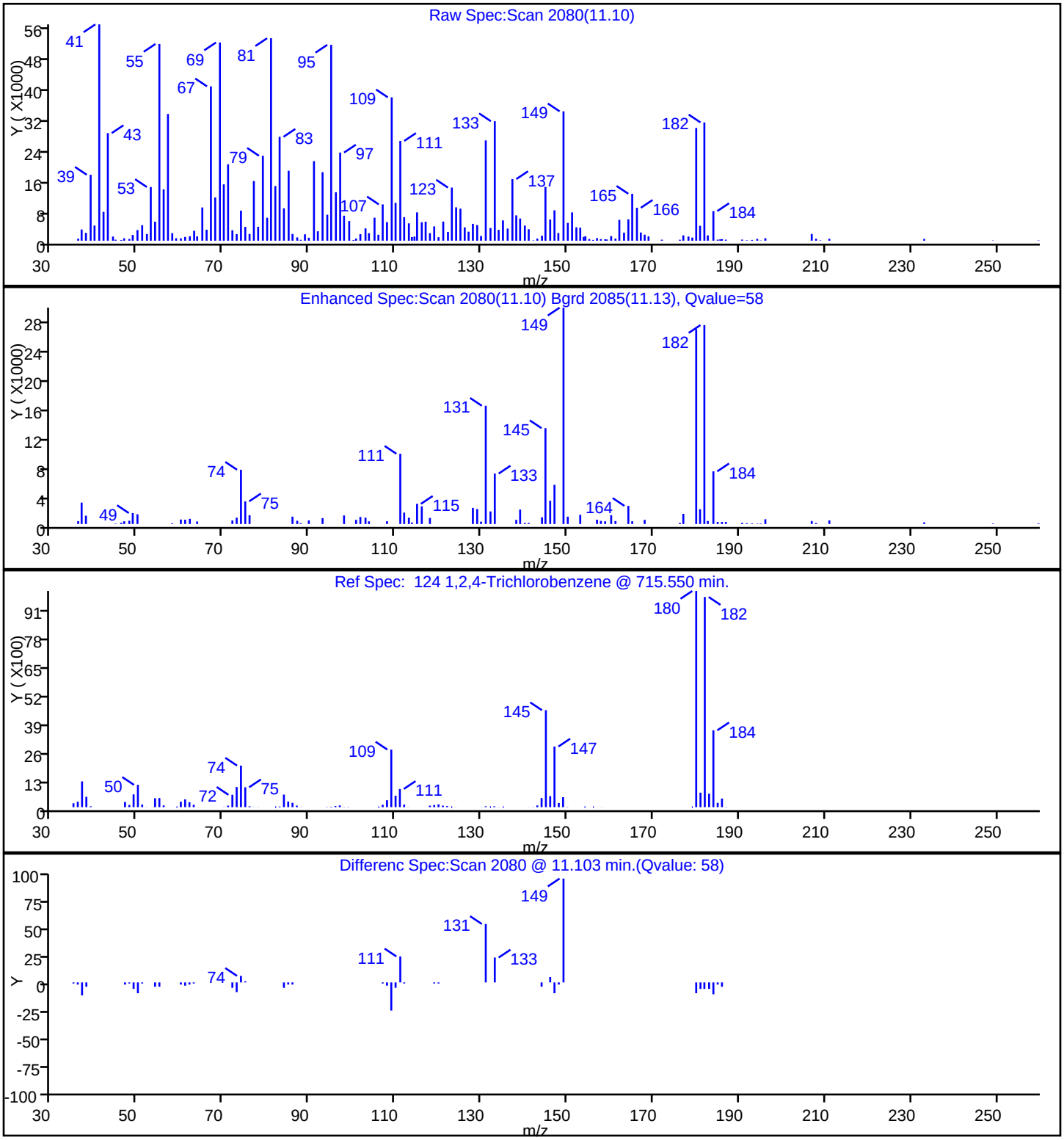
Report Date: 20-Sep-2013 07:41:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363150.D

Injection Date:	19-Sep-2013 18:46:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



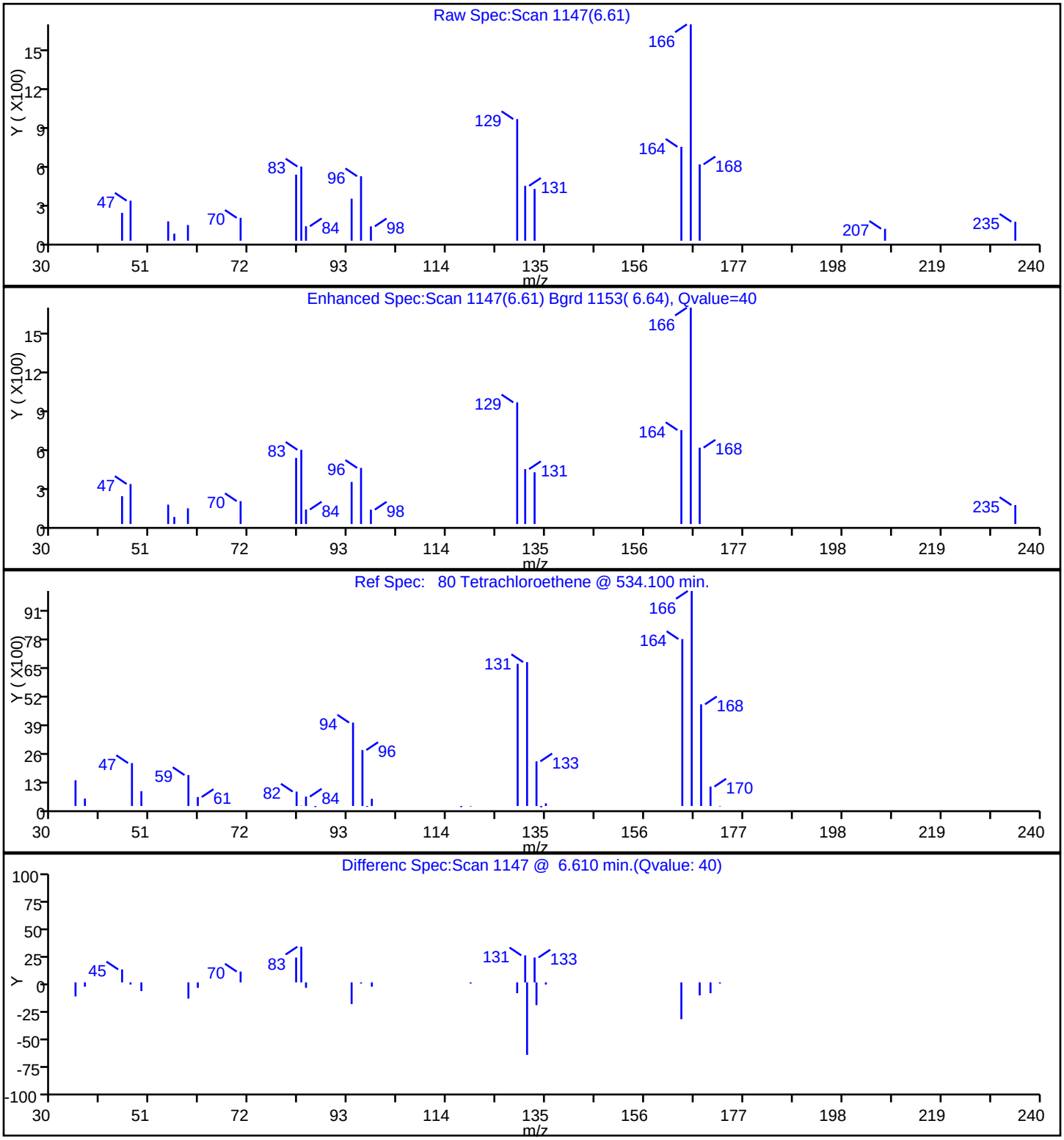
Report Date: 20-Sep-2013 07:41:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363150.D

Injection Date:	19-Sep-2013 18:46:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene



Manual Integration/User Assign Peak Report

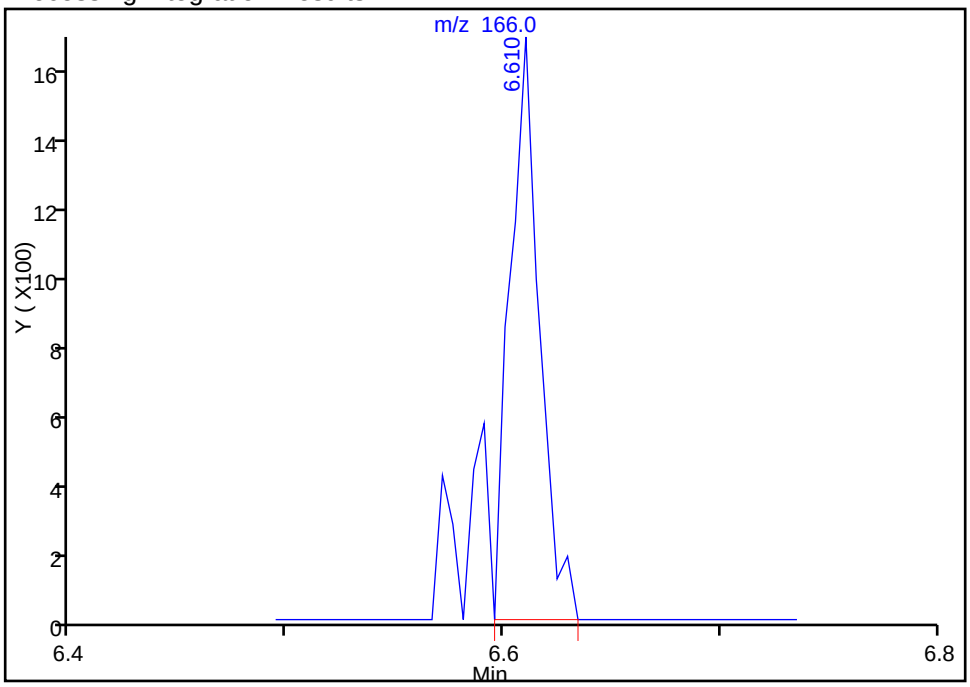
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363150.D		
Injection Date:	19-Sep-2013 18:46:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene, Signal: 1, m/z: 166.0 Type: quant, RT: 6.61

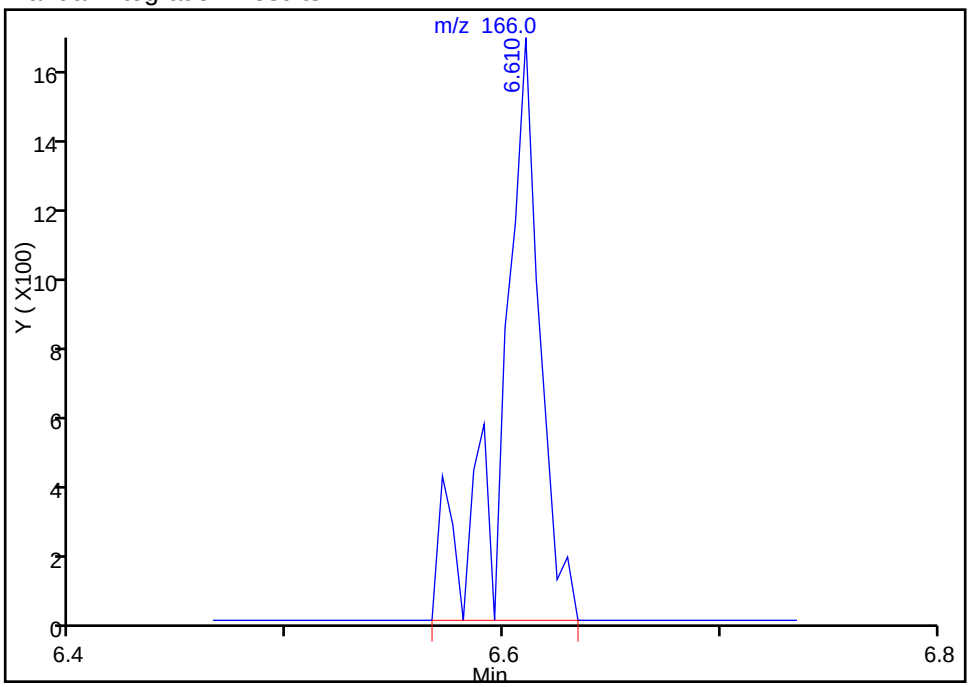
Processing Integration Results

RT: 6.61
Response: 1514
Amount: 0.258194



Manual Integration Results

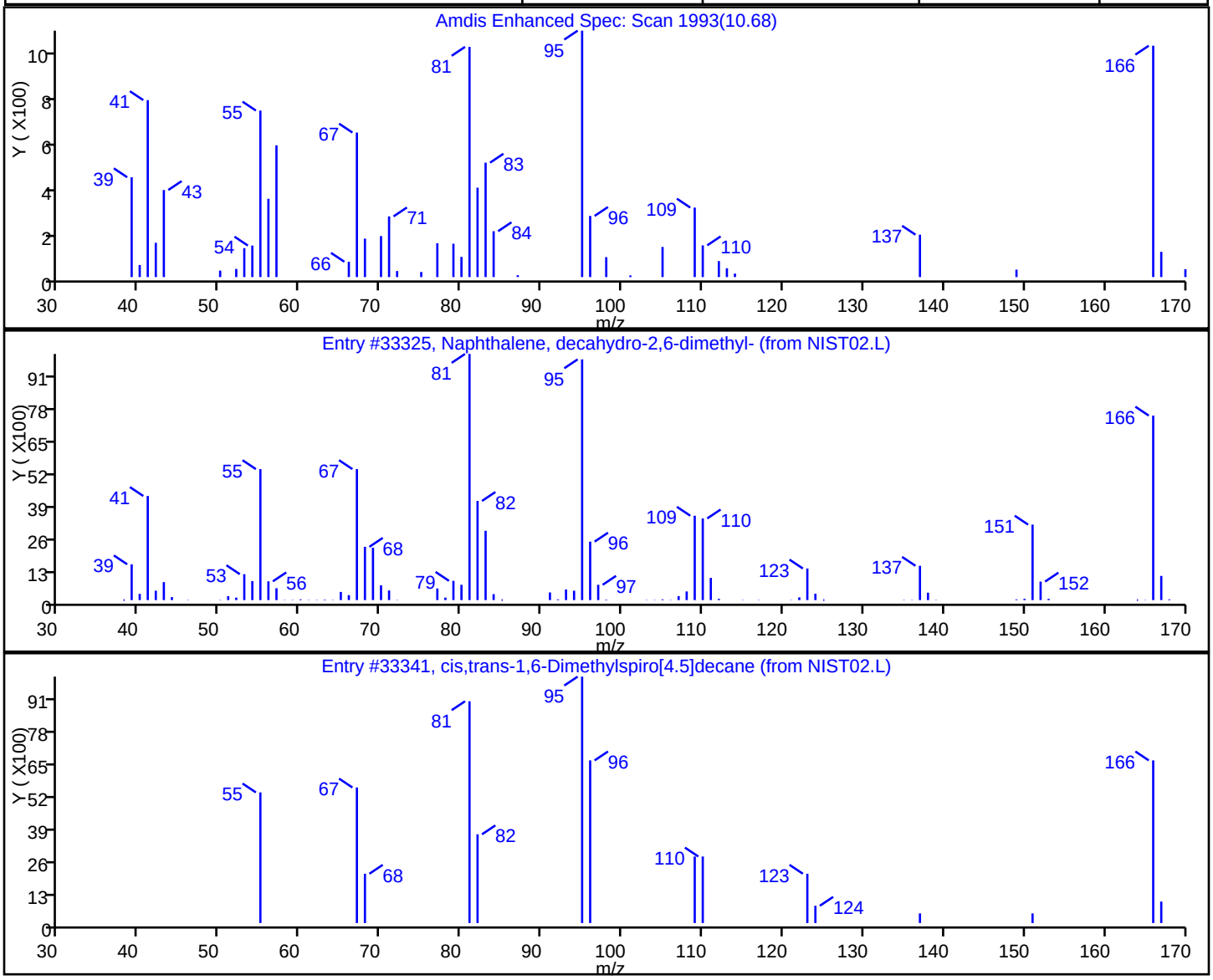
RT: 6.61
Response: 1980
Amount: 0.337665



Reviewer: delpolitov, 20-Sep-2013 07:41:53
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363150.D
Injection Date: 19-Sep-2013 18:46:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-27SE-SI Instrument ID: CVOAMS4
Lims Batch ID: 182221 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-2,6-dimethyl-	1618-22-0	NIST02.L	33325	83
cis,trans-1,6-Dimethylspiro[4.5]decane	1000111-72-3	NIST02.L	33341	81



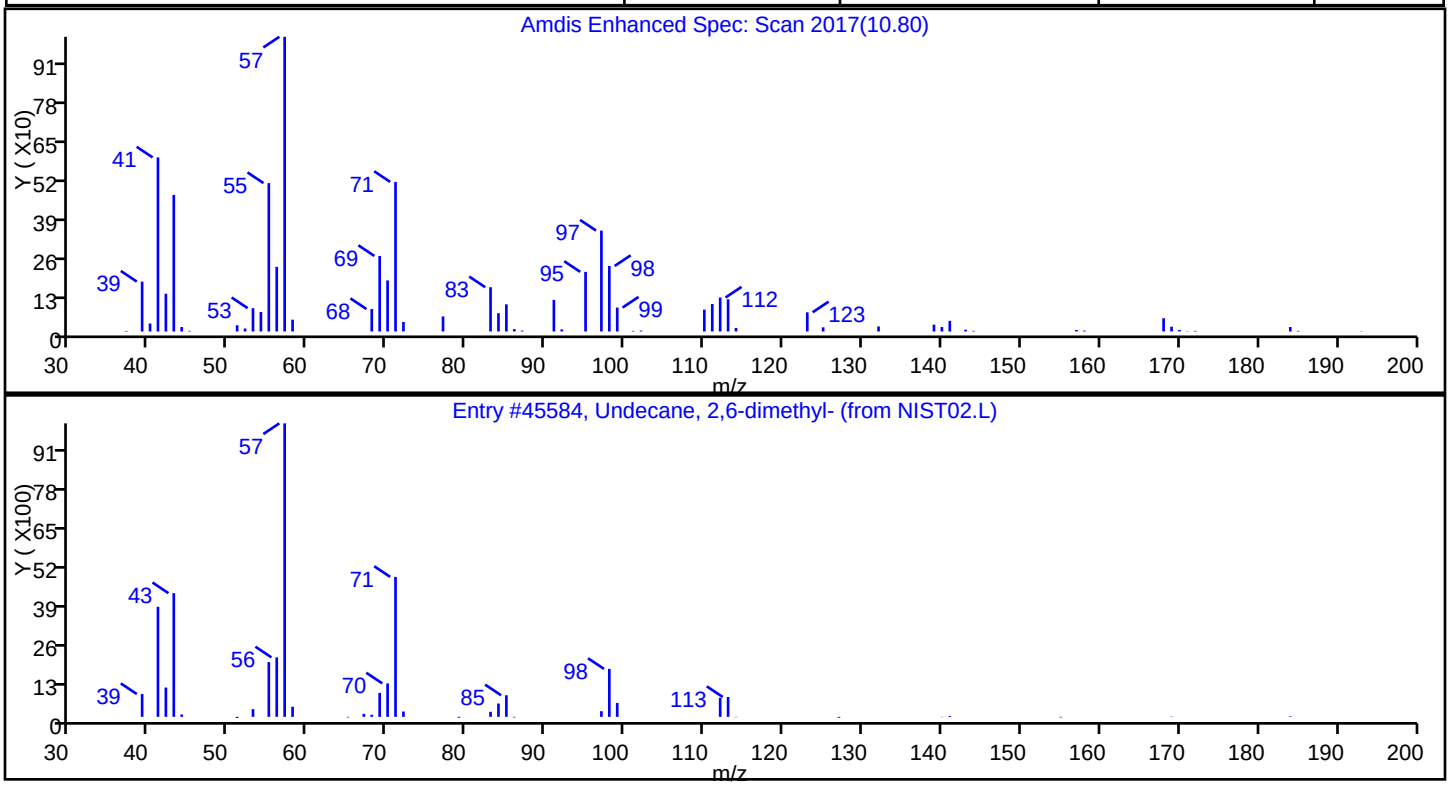
Report Date: 20-Sep-2013 07:41:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363150.D

Injection Date:	19-Sep-2013 18:46:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	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
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.L	45584	95



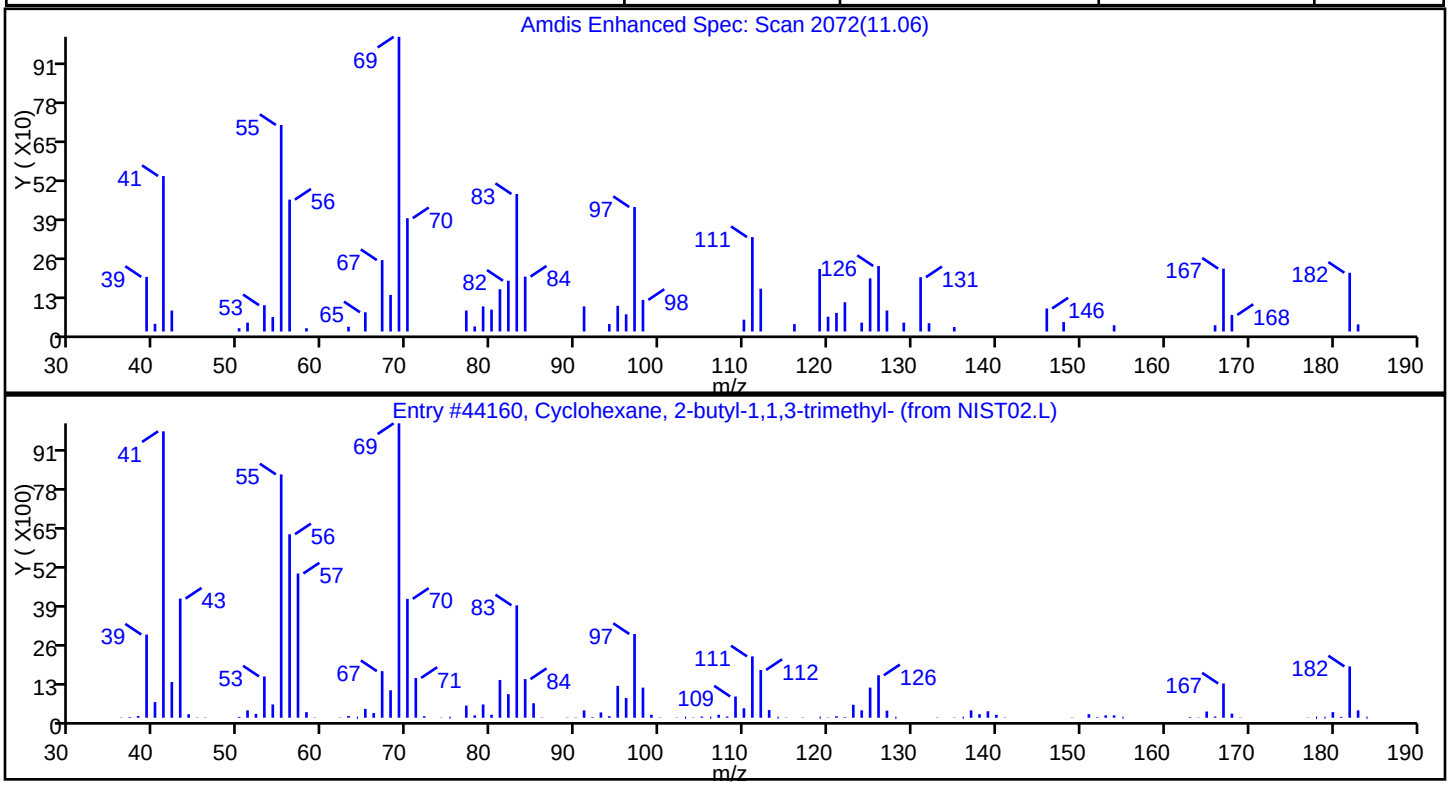
Report Date: 20-Sep-2013 07:41:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363150.D

Injection Date:	19-Sep-2013 18:46:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	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
Cyclohexane, 2-butyl-1,1,3-trimethyl-	54676-39-0	NIST02.L	44160	91



Report Date: 20-Sep-2013 07:41:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363150.D

Injection Date: 19-Sep-2013 18:46:30 Limit Group: VOA - 8260B Water and Solid

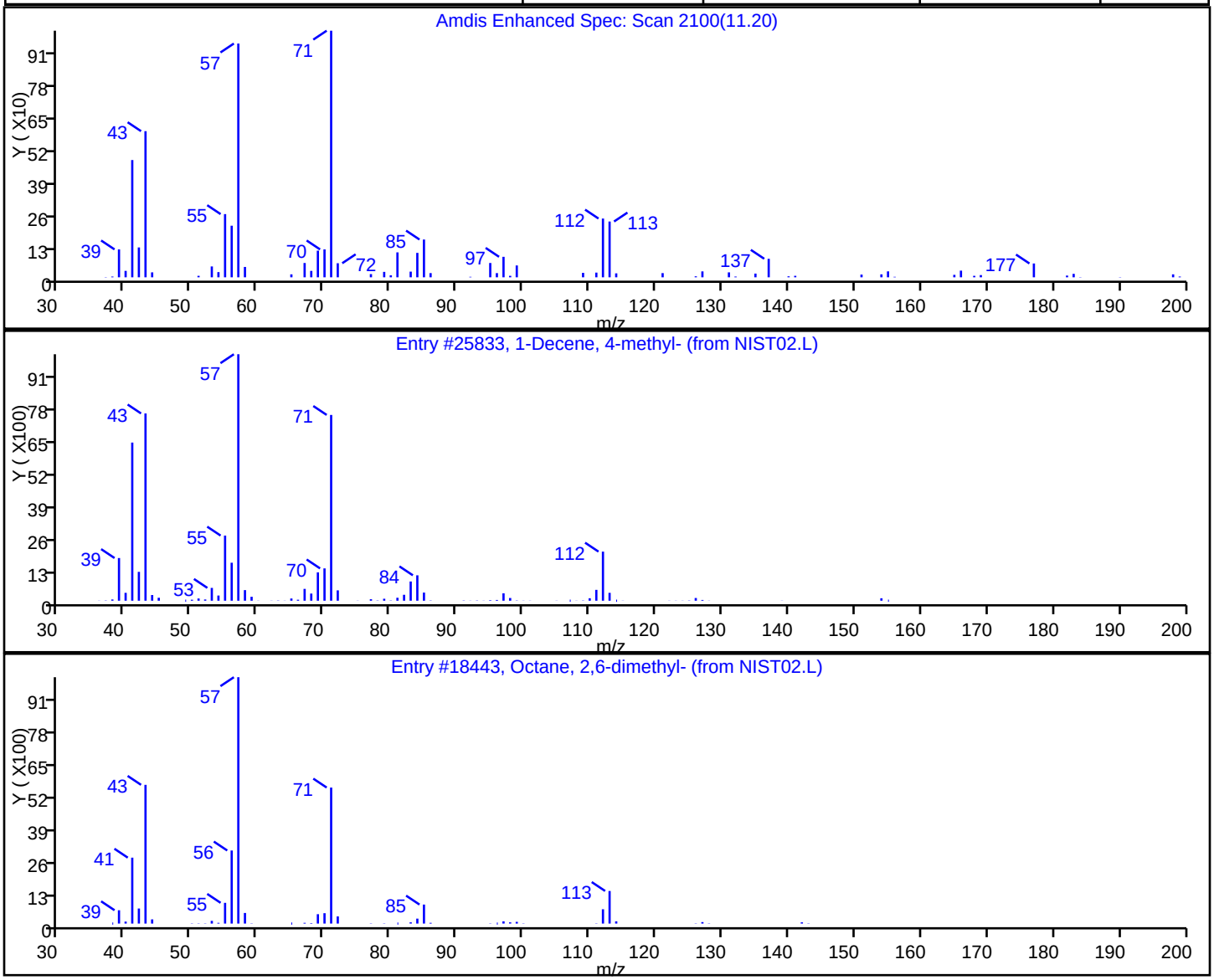
Client ID: PMP-27SE-SI Instrument ID: CVOAMS4

Lims Batch ID: 182221 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-Decene, 4-methyl-	13151-29-6	NIST02.L	25833	74
Octane, 2,6-dimethyl-	2051-30-1	NIST02.L	18443	72



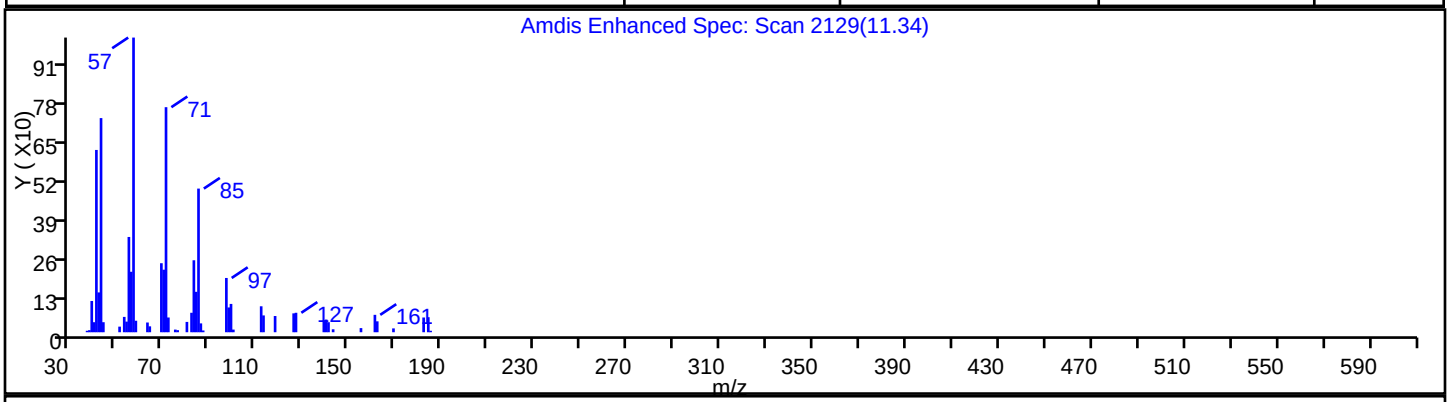
Report Date: 20-Sep-2013 07:41:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

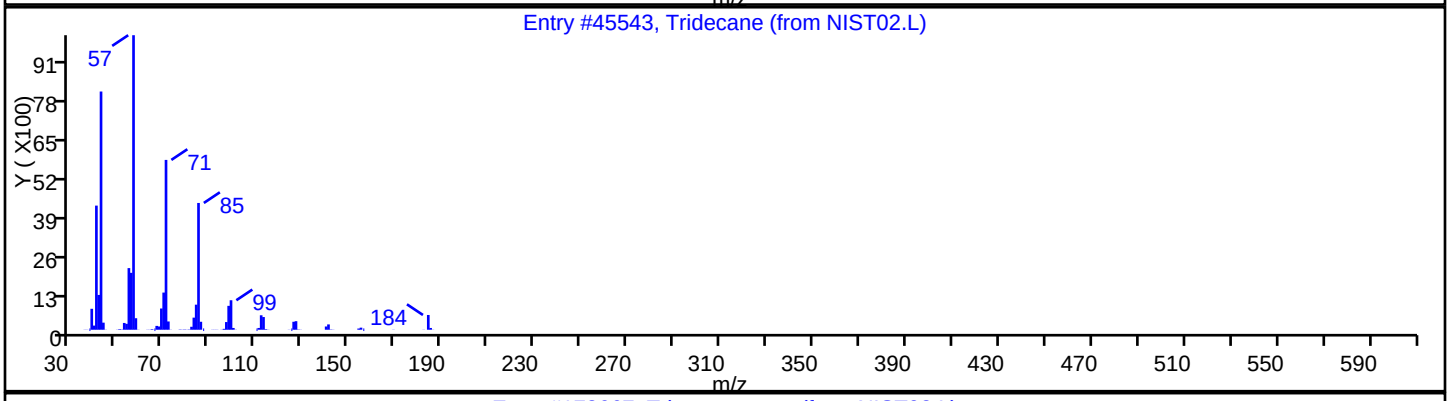
TestAmerica Edison

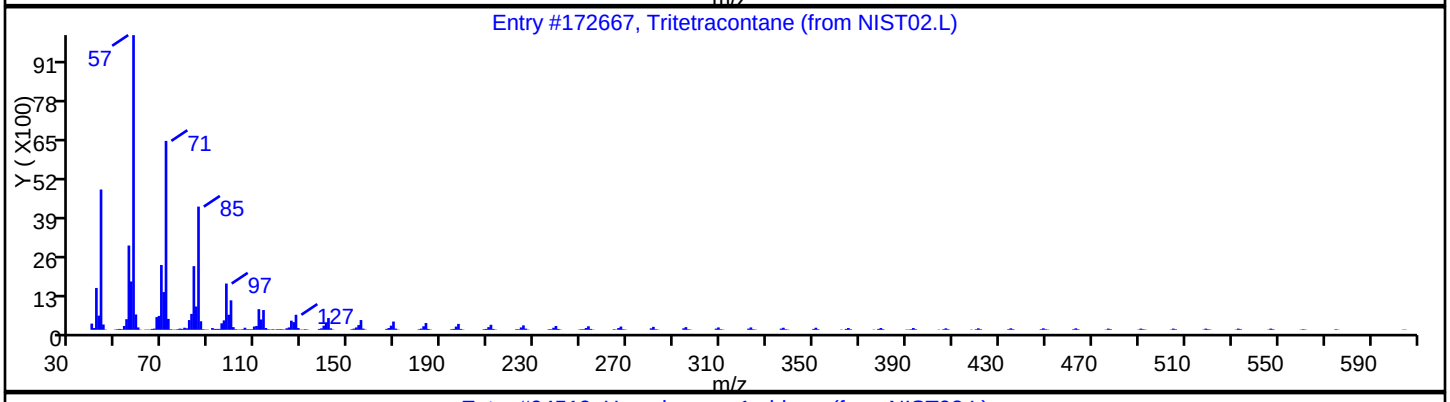
Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363150.D

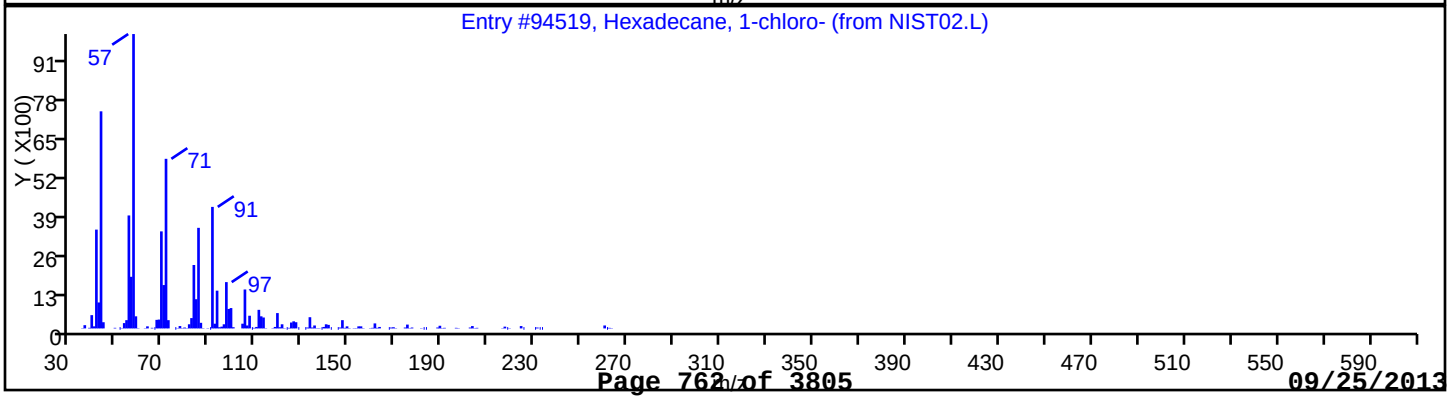
Injection Date:	19-Sep-2013 18:46:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tridecane	629-50-5	NIST02.L	45543	95
Tritetracontane	7098-21-7	NIST02.L	172667	86
Hexadecane, 1-chloro-	4860-03-1	NIST02.L	94519	86









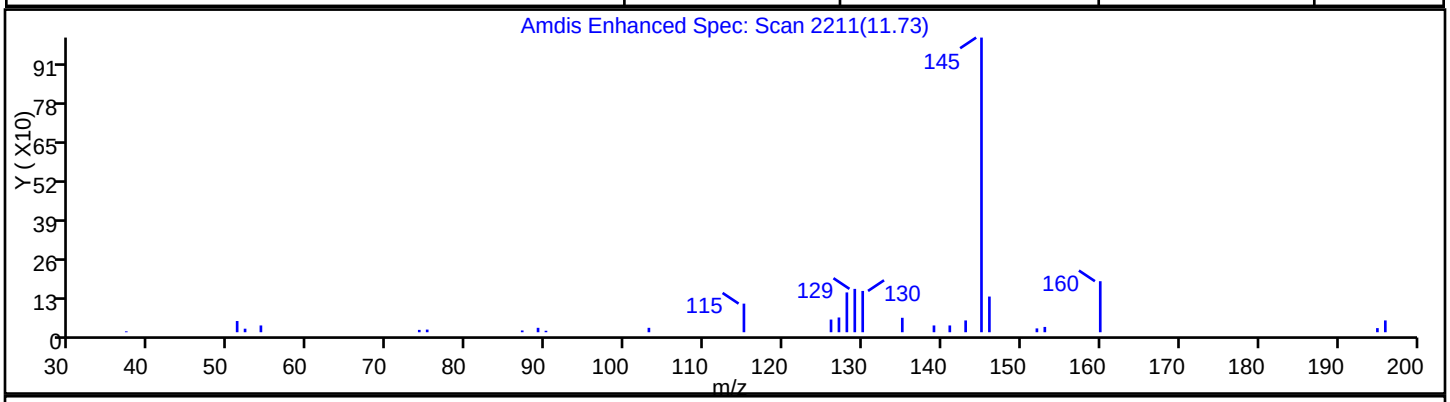
Report Date: 20-Sep-2013 07:41:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

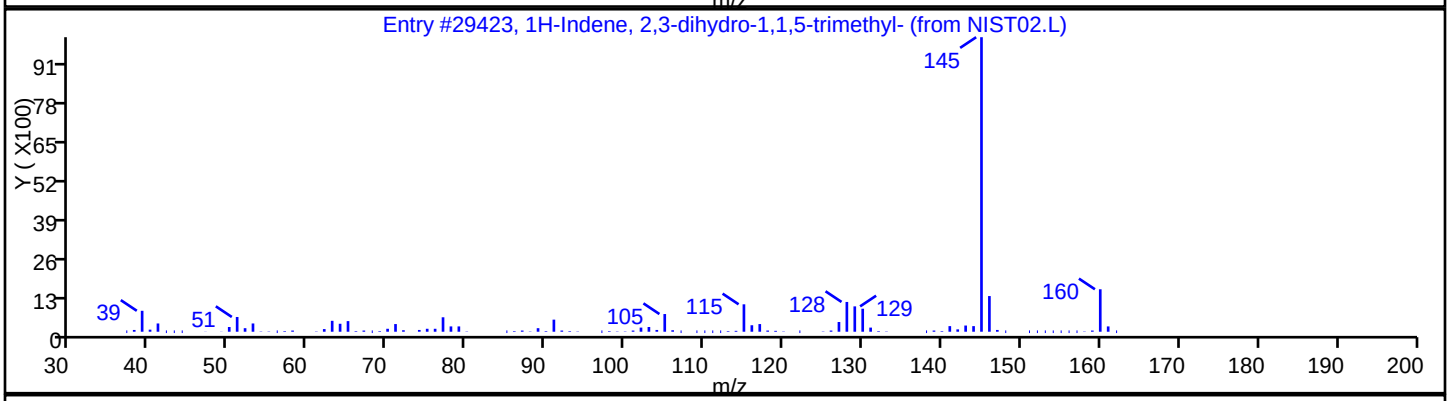
TestAmerica Edison

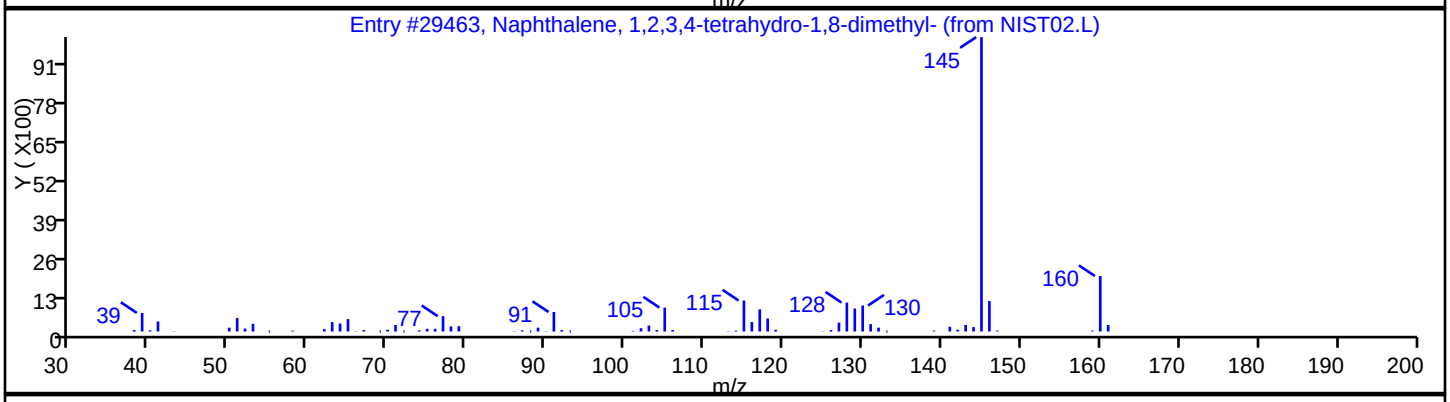
Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363150.D

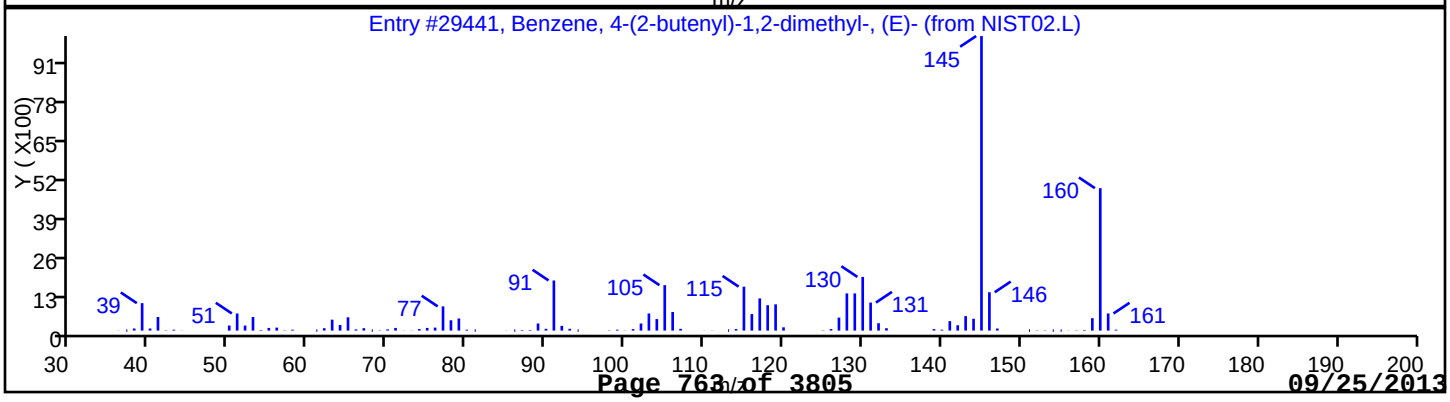
Injection Date:	19-Sep-2013 18:46:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	40650-41-7	NIST02.L	29423	90
Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	25419-33-4	NIST02.L	29463	87
Benzene, 4-(2-butenyl)-1,2-dimethyl-, (E	54340-86-2	NIST02.L	29441	87









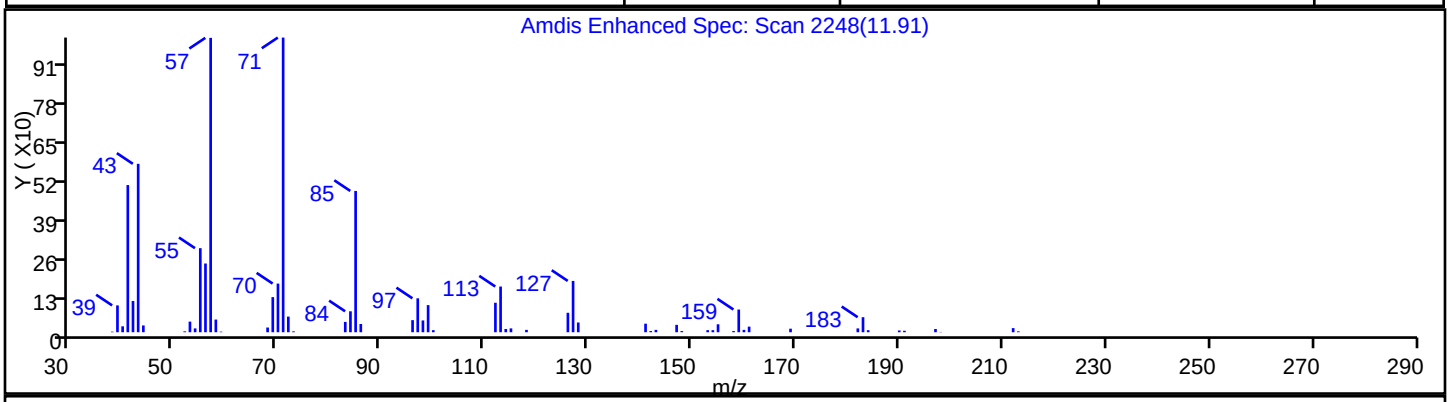
Report Date: 20-Sep-2013 07:41:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

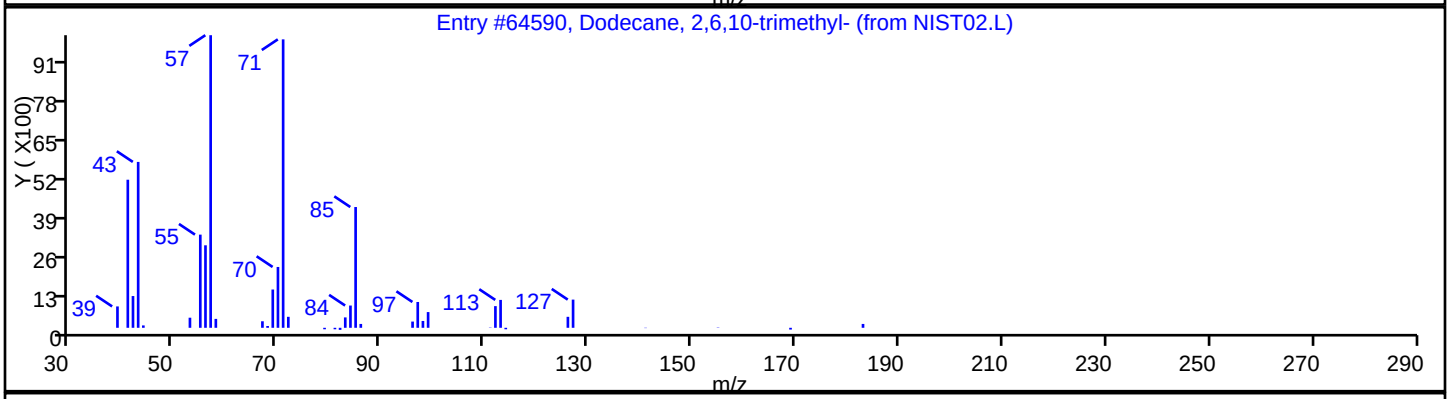
TestAmerica Edison

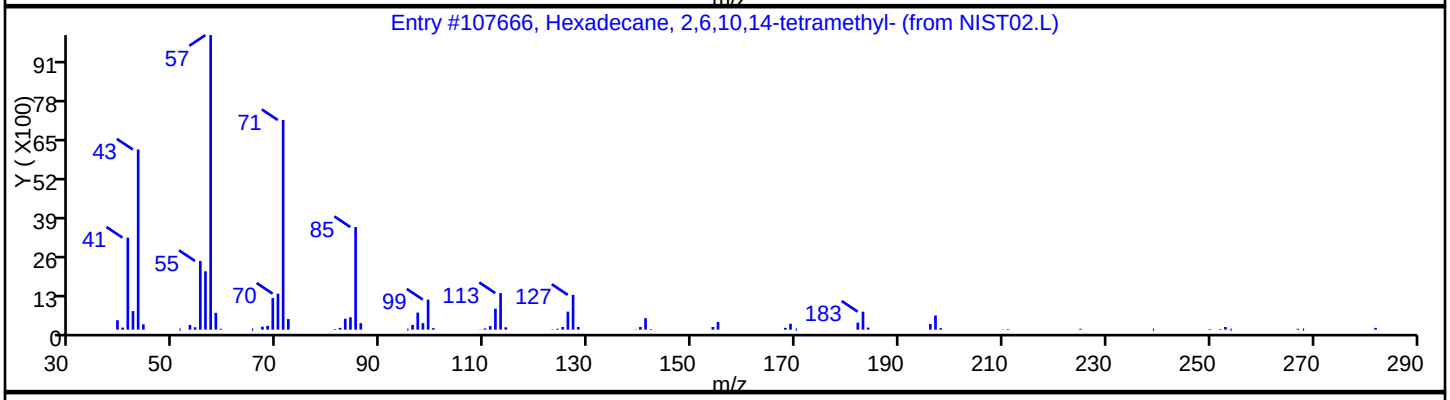
Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363150.D

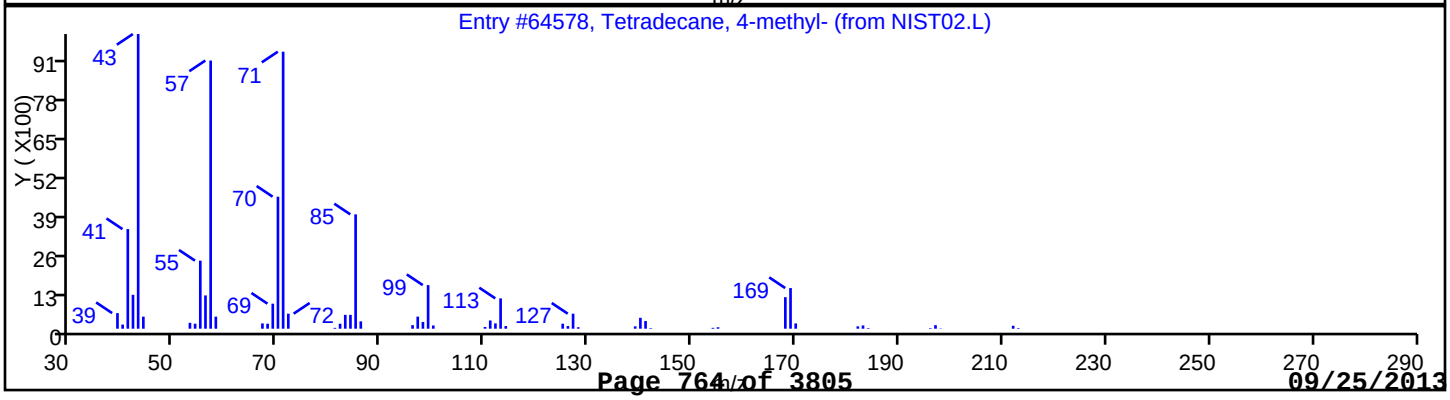
Injection Date:	19-Sep-2013 18:46:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	91
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107666	90
Tetradecane, 4-methyl-	25117-24-2	NIST02.L	64578	72









Report Date: 20-Sep-2013 07:41:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363150.D

Injection Date: 19-Sep-2013 18:46:30 Limit Group: VOA - 8260B Water and Solid

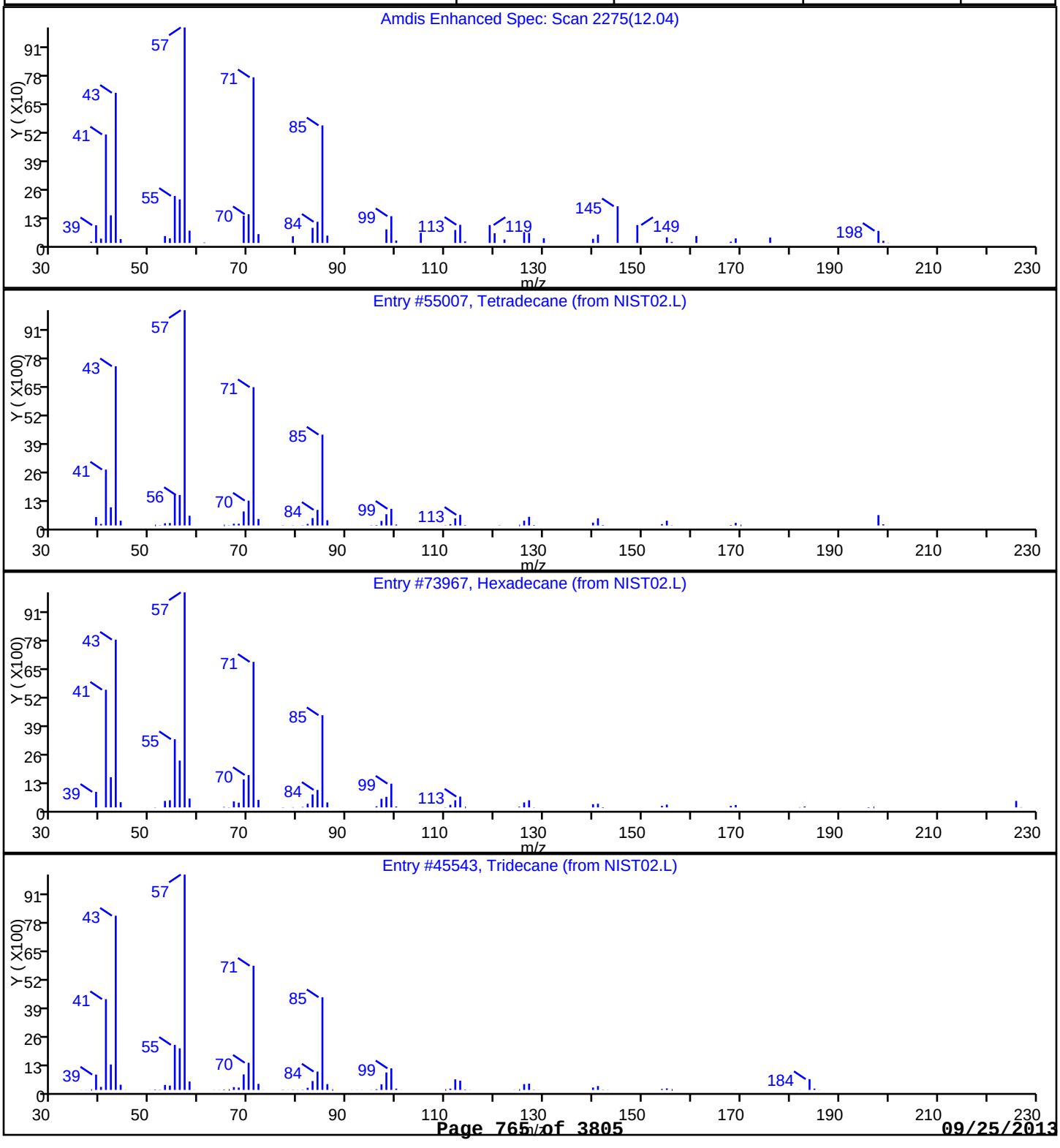
Client ID: PMP-27SE-SI Instrument ID: CVOAMS4

Lims Batch ID: 182221 Lims Sample ID: 15

Operator ID: Purge Vol: 5.000 mL

Column Type: Rtx-624 Column Dia: 0.25 mm

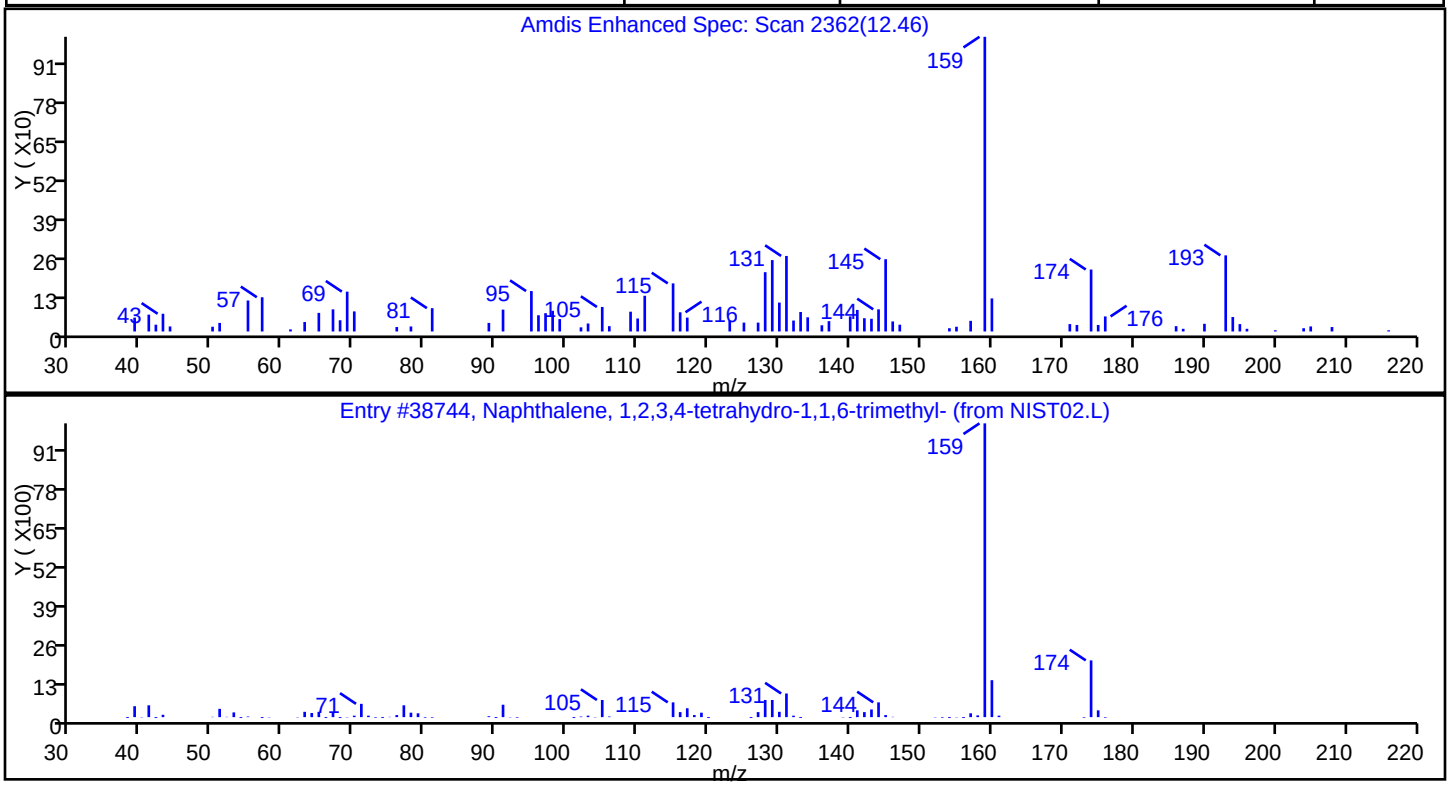
Library Search Compound Match	CAS Number	Library	Entry	Quality
Tetradecane	629-59-4	NIST02.L	55007	98
Hexadecane	544-76-3	NIST02.L	73967	87
Tridecane	629-50-5	NIST02.L	45543	86



Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363150.D

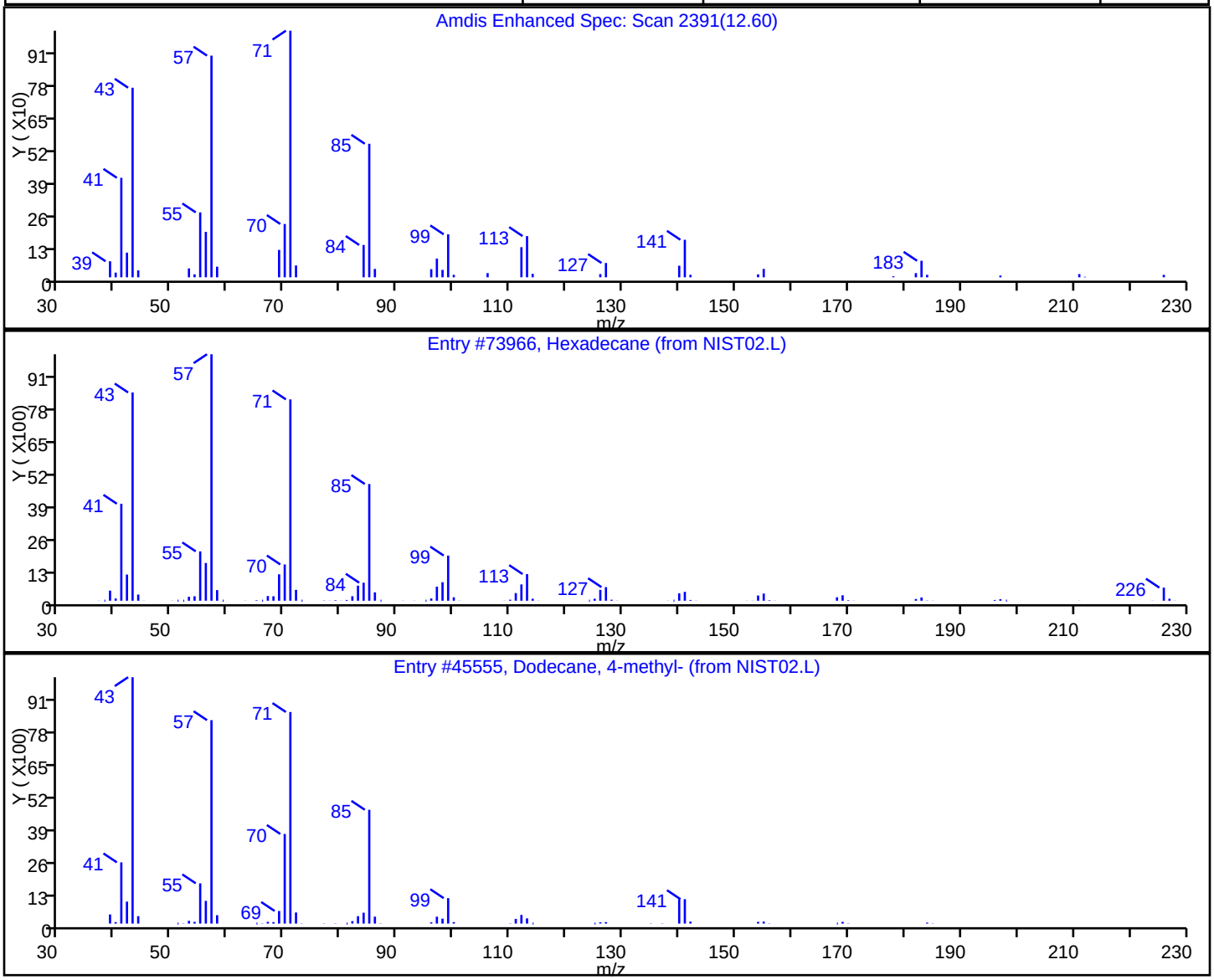
Injection Date:	19-Sep-2013 18:46:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 1,2,3,4-tetrahydro-1,1,6-tr	475-03-6	NIST02.L	38744	86



Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363150.D
Injection Date: 19-Sep-2013 18:46:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-27SE-SI Instrument ID: CVOAMS4
Lims Batch ID: 182221 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
Hexadecane	544-76-3	NIST02.L	73966	86
Dodecane, 4-methyl-	6117-97-1	NIST02.L	45555	72



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SD | Lab Sample ID: 460-62968-4

Matrix: Solid | Lab File ID: D363095.D

Analysis Method: 8260B | Date Collected: 09/12/2013 09:00

Sample wt/vol: 5.882(g) | Date Analyzed: 09/18/2013 18:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.4 | Level: (low/med) Low

Analysis Batch No.: 182028 | 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	0.13	U	0.90	0.13
67-64-1	Acetone	45	*	4.5	1.5
75-15-0	Carbon disulfide	0.13	U	0.90	0.13
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	0.22	U	0.90	0.22
78-93-3	2-Butanone	0.57	U *	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	0.13	U	0.90	0.13
71-43-2	Benzene	0.39	J	0.90	0.13
75-25-2	Bromoform	4.5		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	0.29	U	0.90	0.29
123-91-1	1,4-Dioxane	11	U	18	11
79-01-6	Trichloroethene	0.11	U	0.90	0.11
108-88-3	Toluene	0.36	J	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SD | Lab Sample ID: 460-62968-4

Matrix: Solid | Lab File ID: D363095.D

Analysis Method: 8260B | Date Collected: 09/12/2013 09:00

Sample wt/vol: 5.882(g) | Date Analyzed: 09/18/2013 18:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.4 | Level: (low/med) Low

Analysis Batch No.: 182028 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2.1		0.90	0.099
120-82-1	1,2,4-Trichlorobenzene	100		0.90	0.17
87-61-6	1,2,3-Trichlorobenzene	0.14	U	0.90	0.14
78-87-5	1,2-Dichloropropane	0.13	U	0.90	0.13
108-87-2	Methylcyclohexane	0.090	U	0.90	0.090
127-18-4	Tetrachloroethene	5.4		0.90	0.11
1330-20-7	Xylenes, Total	0.60	U	2.7	0.60
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	0.13	U	0.90	0.13
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)	120		70-130
2037-26-5	Toluene-d8 (Surr)	124		70-130
460-00-4	Bromofluorobenzene	81		70-130
1868-53-7	Dibromofluoromethane (Surr)	116		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SD Lab Sample ID: 460-62968-4

Matrix: Solid Lab File ID: D363095.D

Analysis Method: 8260B Date Collected: 09/12/2013 09:00

Sample wt/vol: 5.882(g) Date Analyzed: 09/18/2013 18:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.4 Level: (low/med) Low

Analysis Batch No.: 182028 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 2050

CAS NO.	COMPOUND NAME	RT	RESULT	Q
281-23-2	Adamantane	10.06	190	J N
702-79-4	Adamantane, 1,3-dimethyl-	10.37	200	J N
1000152-47-3	trans-Decalin, 2-methyl-	10.65	150	J N
1008-80-6	Naphthalene, decahydro-2,3-dimethyl-	10.69	160	J N
66633-38-3	Cyclodecene, 1-methyl-	10.80	310	J N
88828-82-4	Cycloundecene, 1-methyl-	10.98	230	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	11.07	180	J N
2051-30-1	Octane, 2,6-dimethyl-	11.20	200	J N
	Unknown	11.45	160	J
	Unknown	11.72	270	J

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363095.D		
Lims ID:	460-62968-B-4-A	Client ID:	PMP-27SE-SD
Inject. Date:	18-Sep-2013 18:02:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-B-4-A		
Misc. Info.:	460-0004780-010		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	9
Lims Batch ID:	182028	Lims Sample ID:	10
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\8260S_4.m		
Last Update:	20-Sep-2013 07:52:36	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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 07:52:36

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	2.425	2.421	0.004	85	29167	50.5	
* 151 TBA-d9 (IS)	65	2.642	2.652	-0.010	62	174011	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.721	3.721	0.0	94	138695	58.1	
53 Benzene	78	4.039	4.044	-0.005	40	3769	0.4336	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.169	4.164	0.005	95	151761	59.8	
* 59 Fluorobenzene	96	4.429	4.429	0.0	99	407049	50.0	
* 150 1,4-Dioxane-d8	96	5.411	5.406	0.005	1	13843	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.099	6.100	-0.001	98	418972	61.9	
77 Toluene	91	6.167	6.153	0.014	24	4335	0.4043	
80 Tetrachloroethene	166	6.610	6.605	0.005	85	18977	5.98	
* 87 Chlorobenzene-d5	117	7.794	7.795	-0.001	84	254834	50.0	
97 Bromoform	173	8.430	8.425	0.005	33	6840	4.98	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	67	73276	40.5	
* 116 1,4-Dichlorobenzene-d4	152	9.740	9.735	0.005	53	116963	50.0	sM
117 1,4-Dichlorobenzene	146	9.749	9.745	0.004	16	11023	2.30	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	41	450605	114.9	

QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363095.D		
Lims ID:	460-62968-B-4-A	Client ID:	PMP-27SE-SD
Inject. Date:	18-Sep-2013 18:02:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-B-4-A		
Misc. Info.:	460-0004780-010		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	9
Lims Batch ID:	182028	Lims Sample ID:	10
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\8260S_4.m		
Last Update:	20-Sep-2013 07:52:36	Calib Date:	05-Sep-2013 06:32:30
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 07:52:36

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	281-23-2 Adamantane					
10.062	16054269	215.8	116	74	15140	
	702-79-4 Adamantane, 1,3-dimethyl-					
10.371	16918060	227.4	116	81	31982	
	1000152-47-3 trans-Decalin, 2-methyl-					
10.650	12709778	170.8	116	70	24310	
	1008-80-6 Naphthalene, decahydro-2,3-dimethyl-					
10.693	12916953	173.6	116	89	33331	
	66633-38-3 Cyclodecene, 1-methyl-					
10.804	25293850	339.9	116	81	24301	
	88828-82-4 Cycloundecene, 1-methyl-					
10.982	19278266	259.1	116	72	33310	
	54676-39-0 Cyclohexane, 2-butyl-1,1,3-trimethyl-					
11.069	15310619	205.8	116	96	44161	
	2051-30-1 Octane, 2,6-dimethyl-					
11.204	16232658	218.2	116	81	18443	
	Unknown					
11.449	13397637	180.1	116	0	0	
	Unknown					
11.719	21953248	295.0	116	0	0	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	9.778	3720323	50.0

QC Flag Legend

Processing Flags

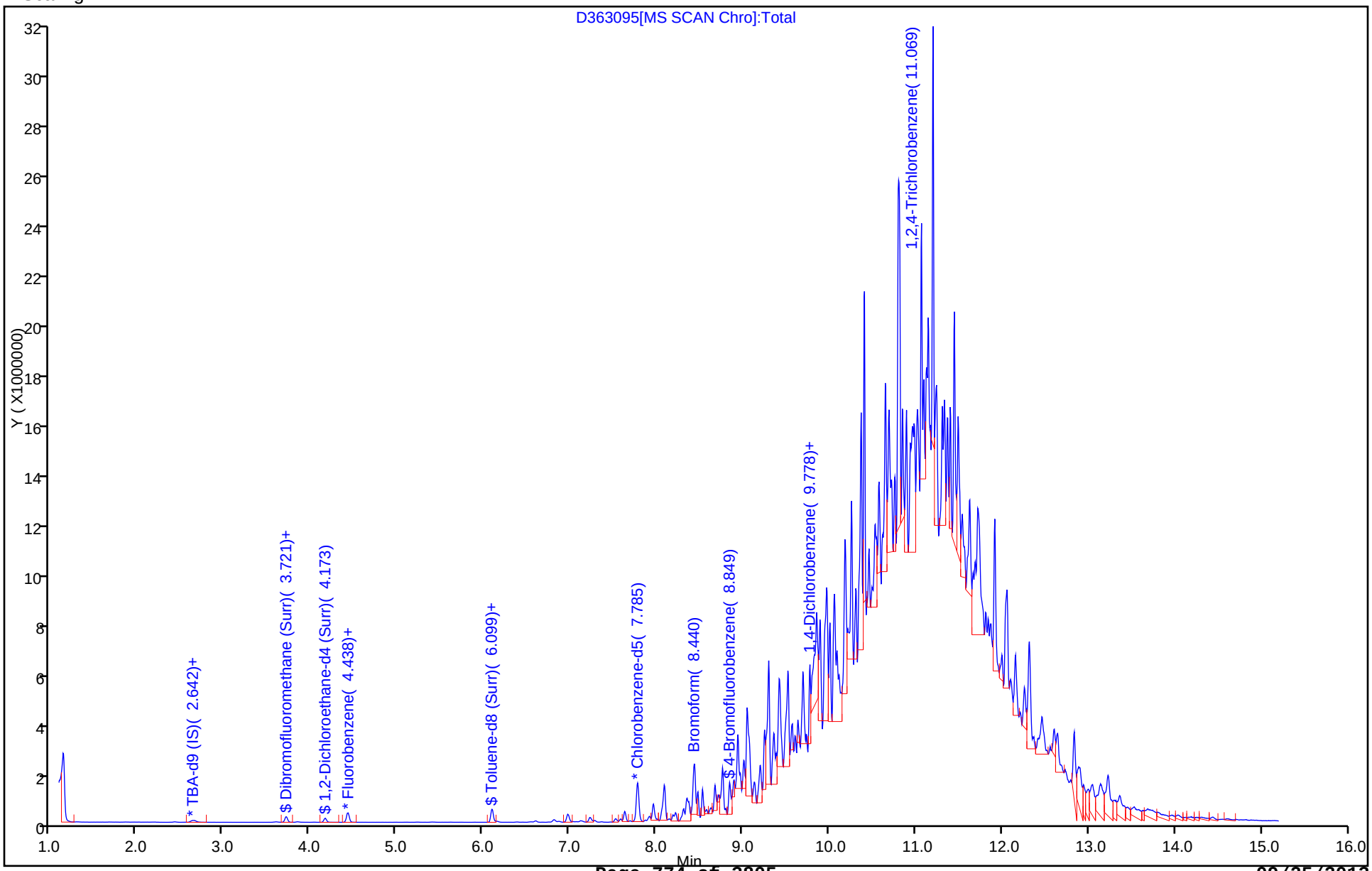
Report Date: 20-Sep-2013 07:54:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363095.D

Injection Date:	18-Sep-2013 18:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



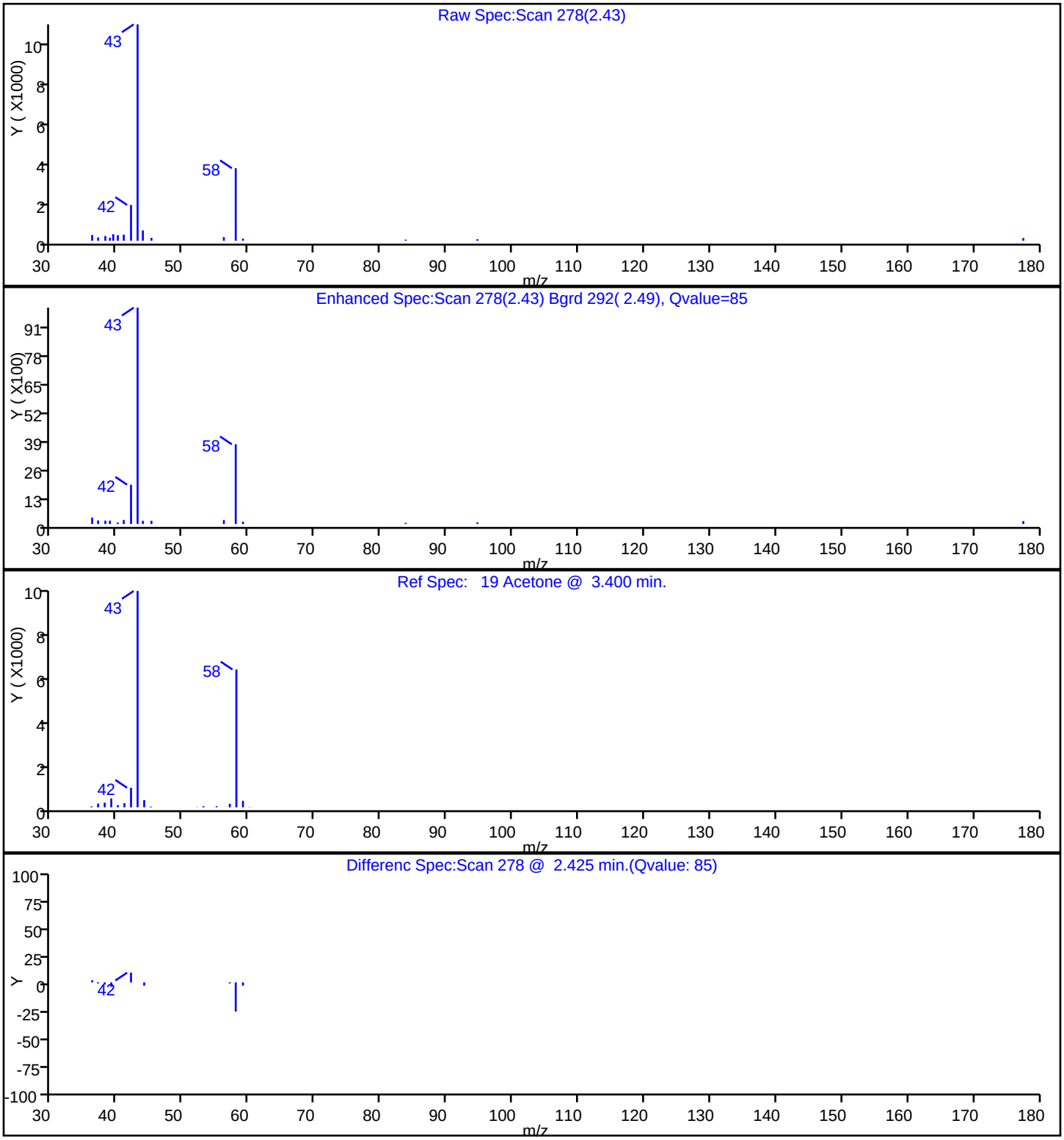
Report Date: 20-Sep-2013 07:54:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363095.D

Injection Date:	18-Sep-2013 18:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



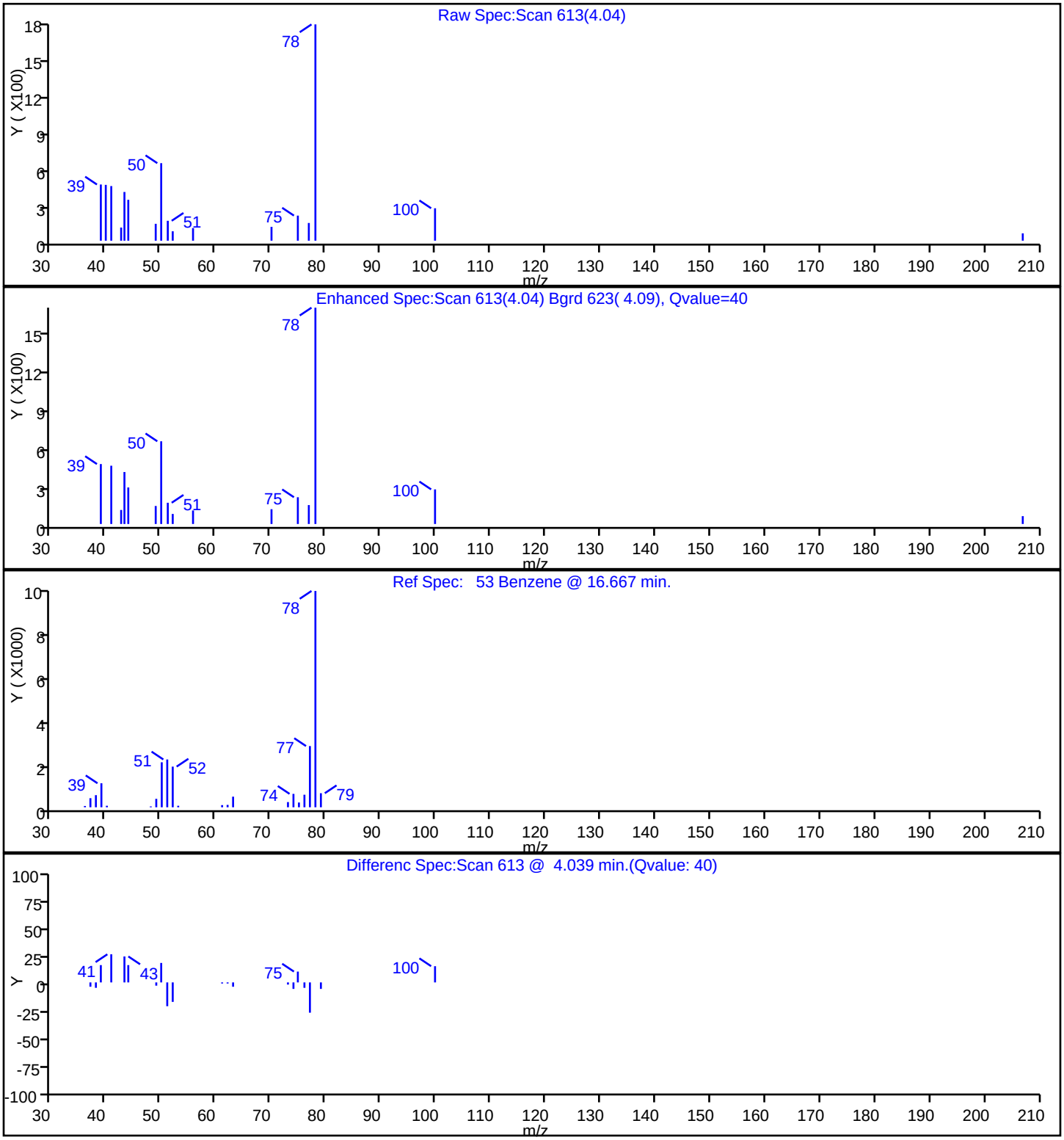
Report Date: 20-Sep-2013 07:54:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363095.D

Injection Date:	18-Sep-2013 18:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

53 Benzene



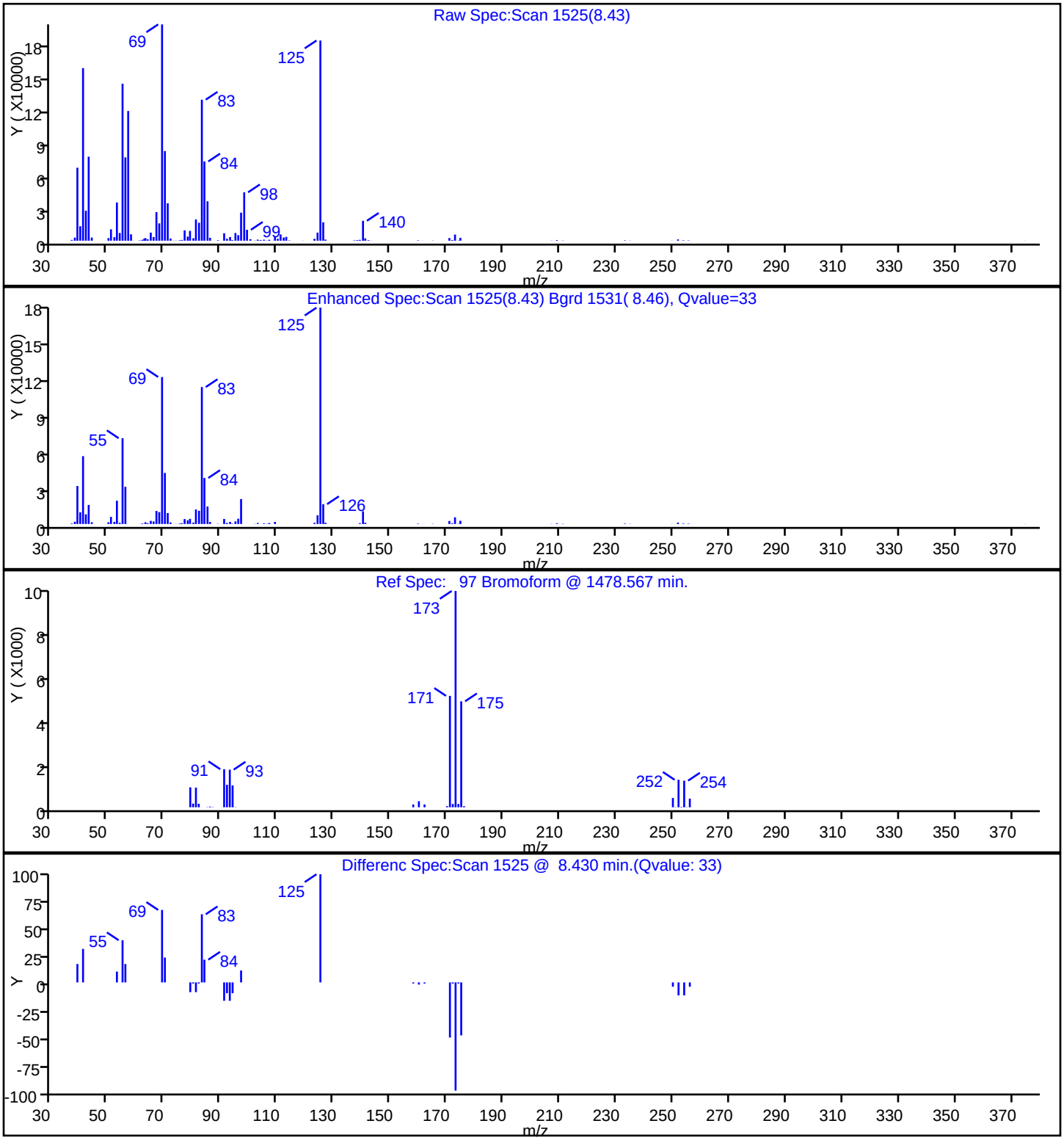
Report Date: 20-Sep-2013 07:54:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363095.D

Injection Date:	18-Sep-2013 18:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

97 Bromoform



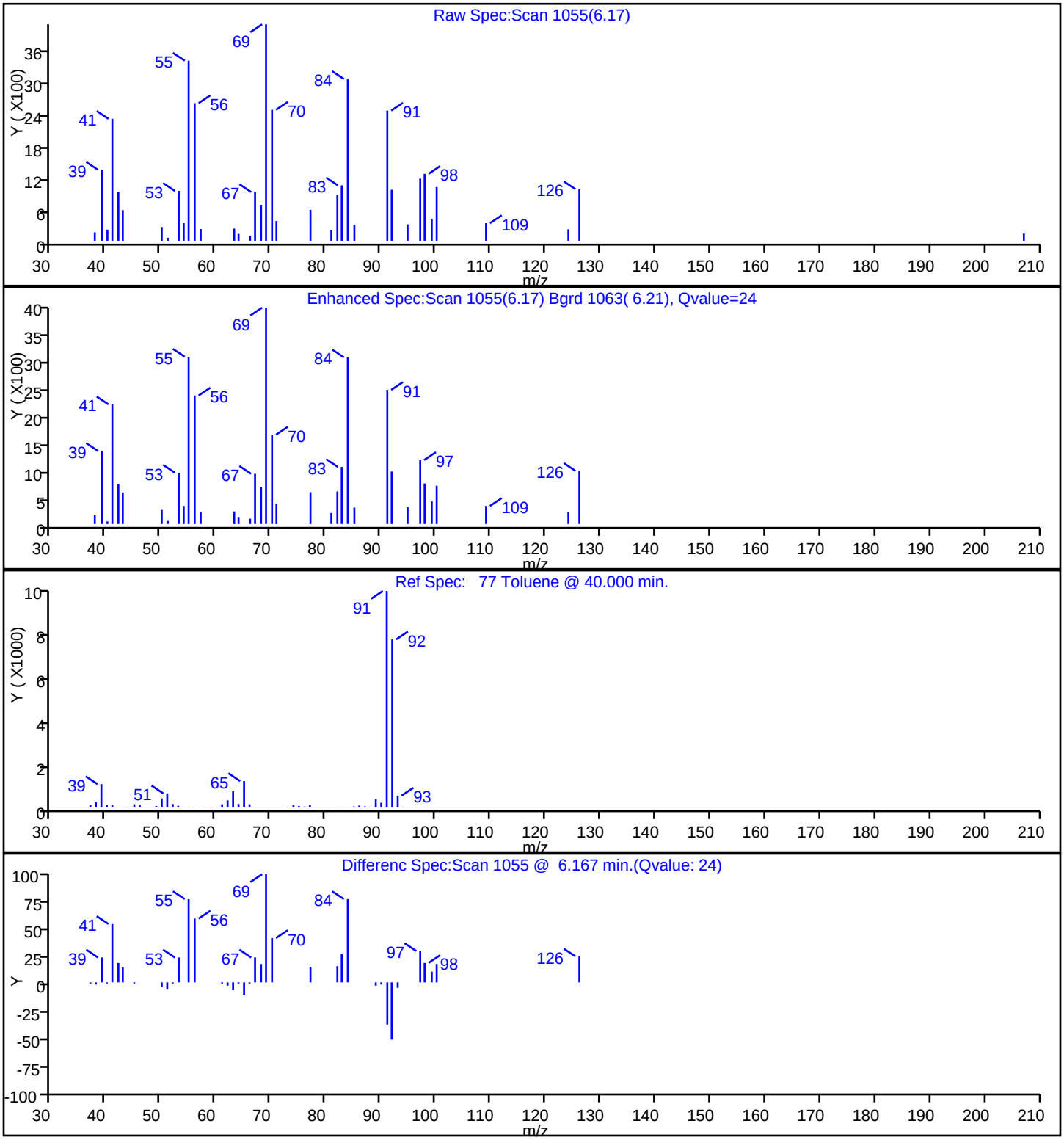
Report Date: 20-Sep-2013 07:54:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363095.D

Injection Date:	18-Sep-2013 18:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

77 Toluene



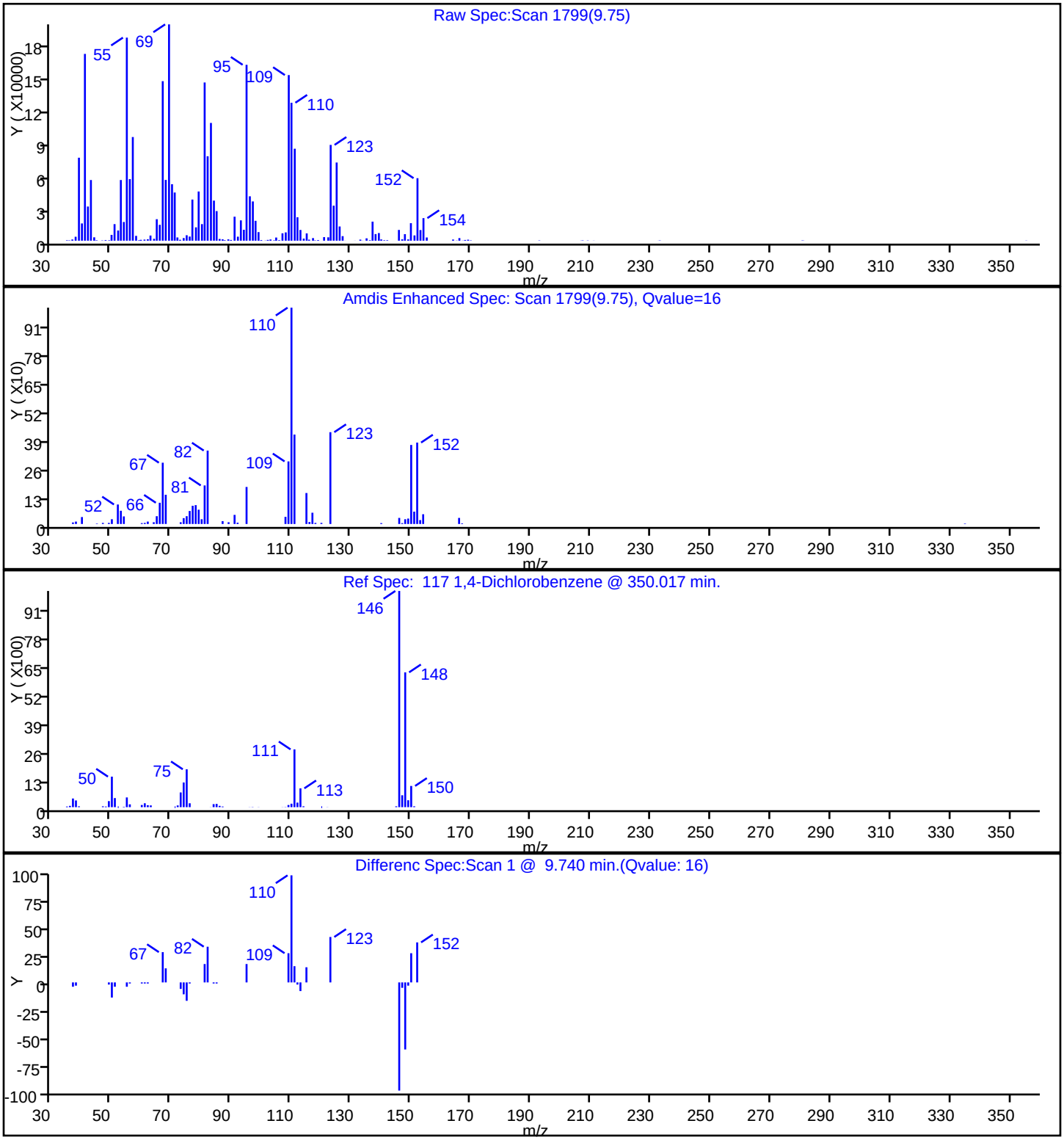
Report Date: 20-Sep-2013 07:54:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363095.D

Injection Date:	18-Sep-2013 18:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



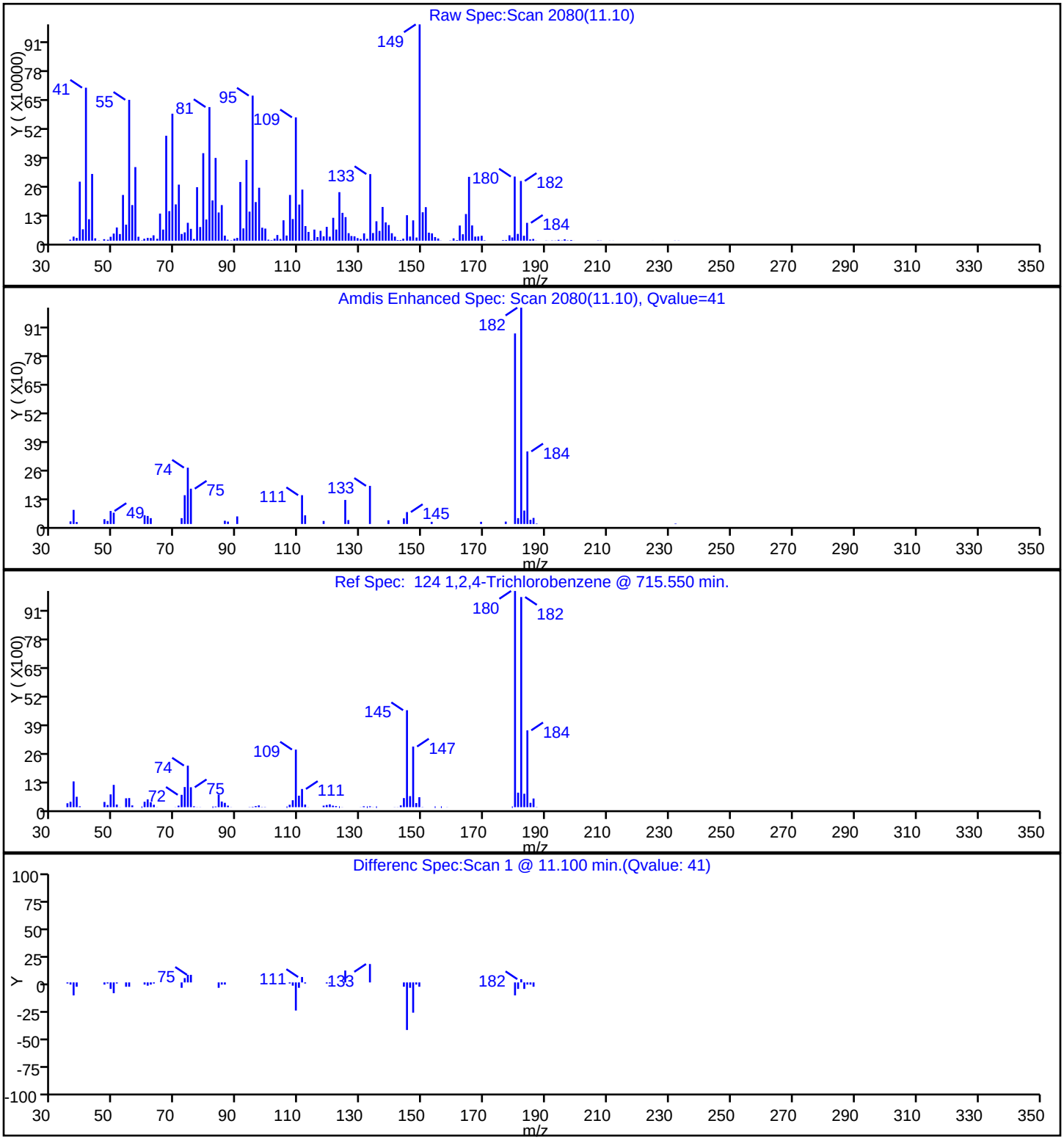
Report Date: 20-Sep-2013 07:54:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363095.D

Injection Date:	18-Sep-2013 18:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



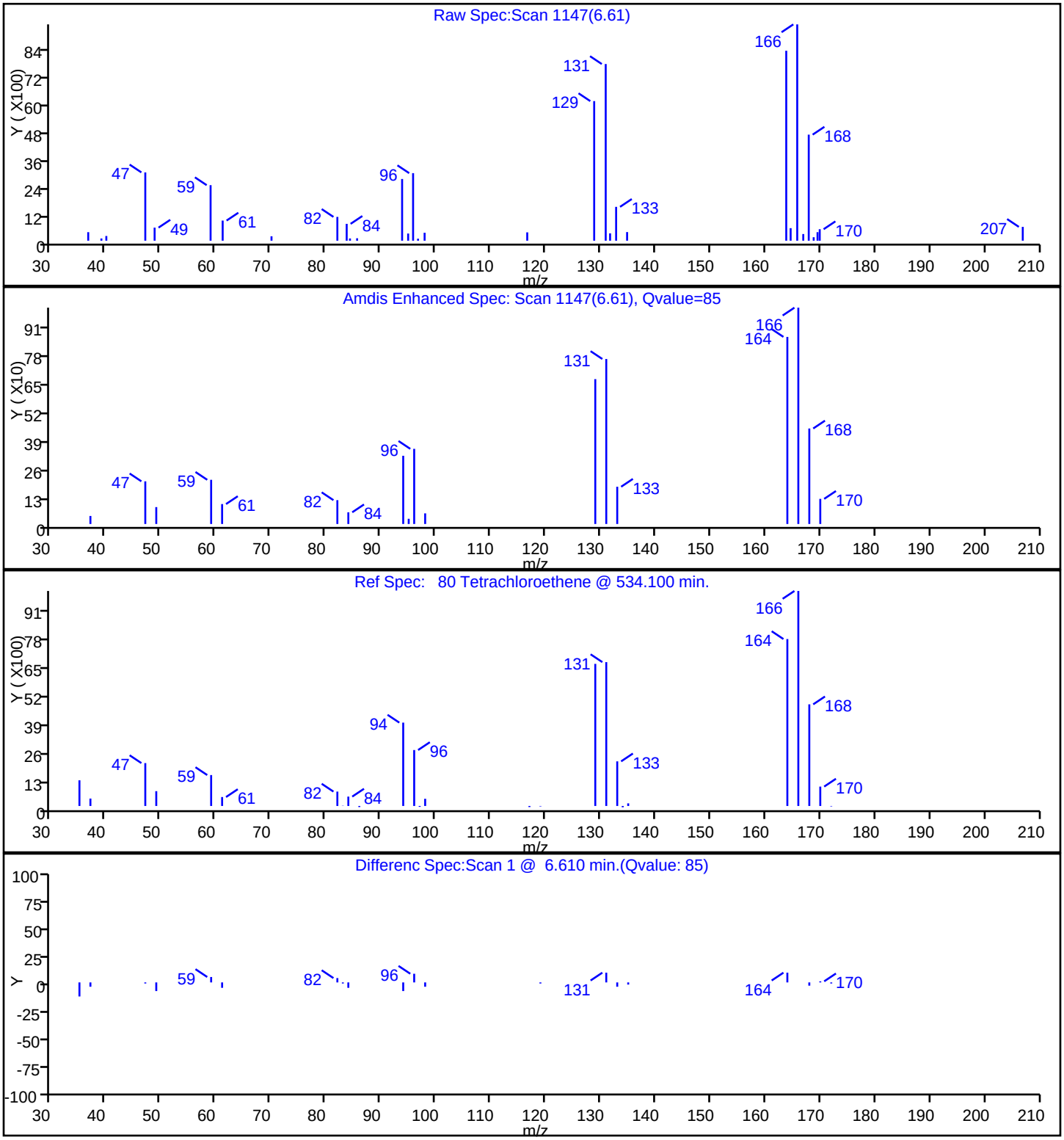
Report Date: 20-Sep-2013 07:54:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363095.D

Injection Date:	18-Sep-2013 18:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene



Report Date: 20-Sep-2013 07:54:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363095.D

Injection Date: 18-Sep-2013 18:02:30 Limit Group: VOA - 8260B Water and Solid

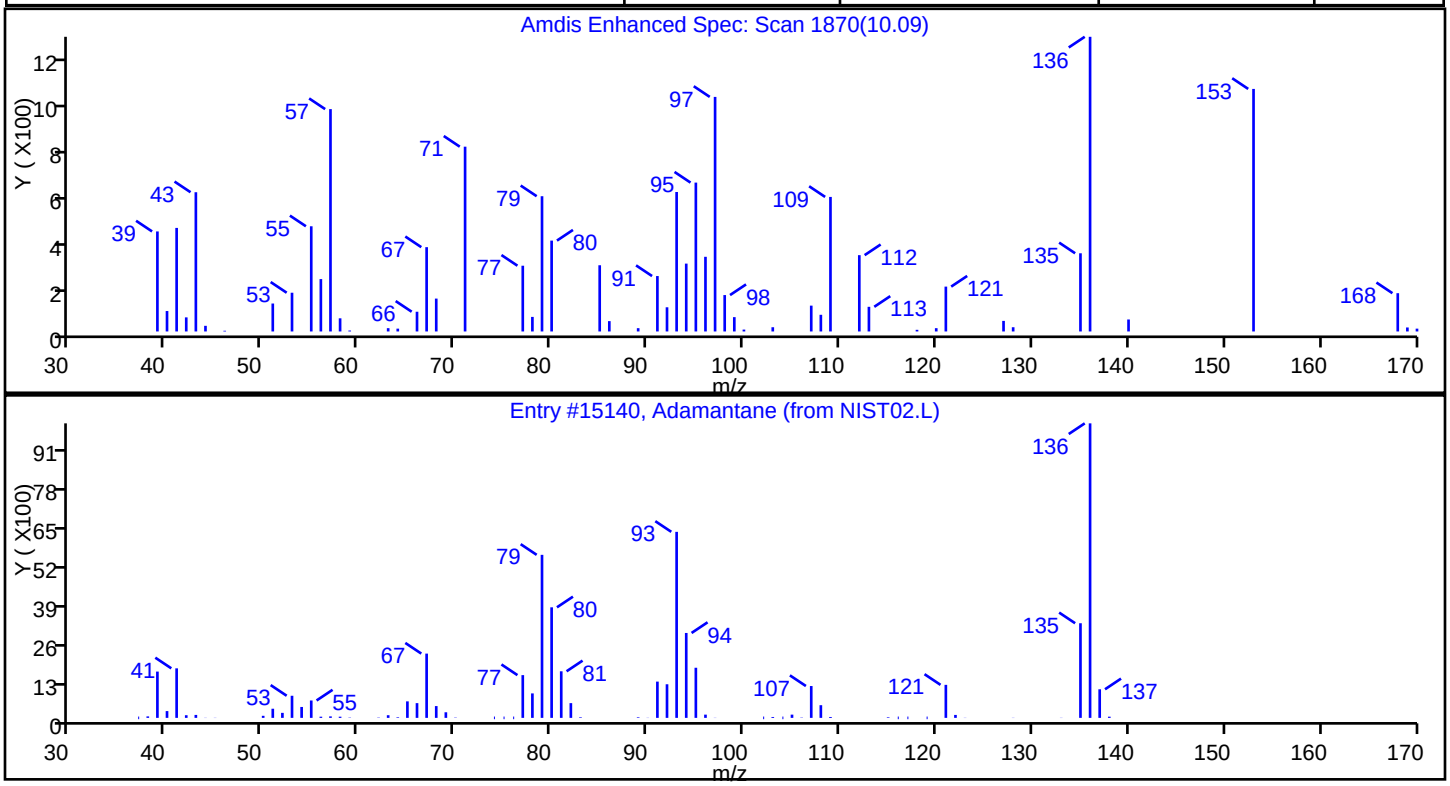
Client ID: PMP-27SE-SD Instrument ID: CVOAMS4

Lims Batch ID: 182028 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
Adamantane	281-23-2	NIST02.L	15140	74



Report Date: 20-Sep-2013 07:54:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363095.D

Injection Date: 18-Sep-2013 18:02:30 Limit Group: VOA - 8260B Water and Solid

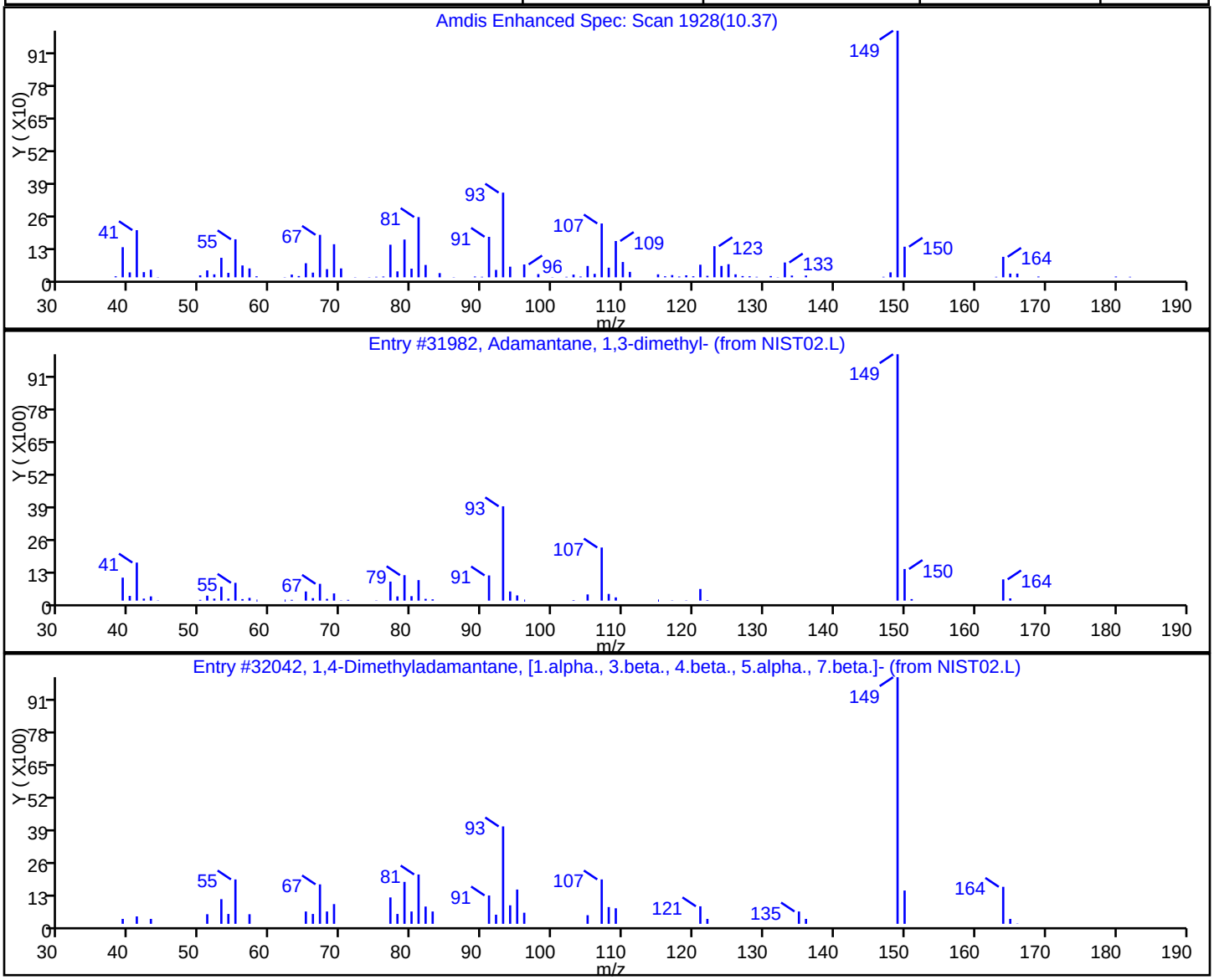
Client ID: PMP-27SE-SD Instrument ID: CVOAMS4

Lims Batch ID: 182028 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
Adamantane, 1,3-dimethyl-	702-79-4	NIST02.L	31982	81
1,4-Dimethyladamantane, [1.alpha., 3.bet	24145-88-8	NIST02.L	32042	72



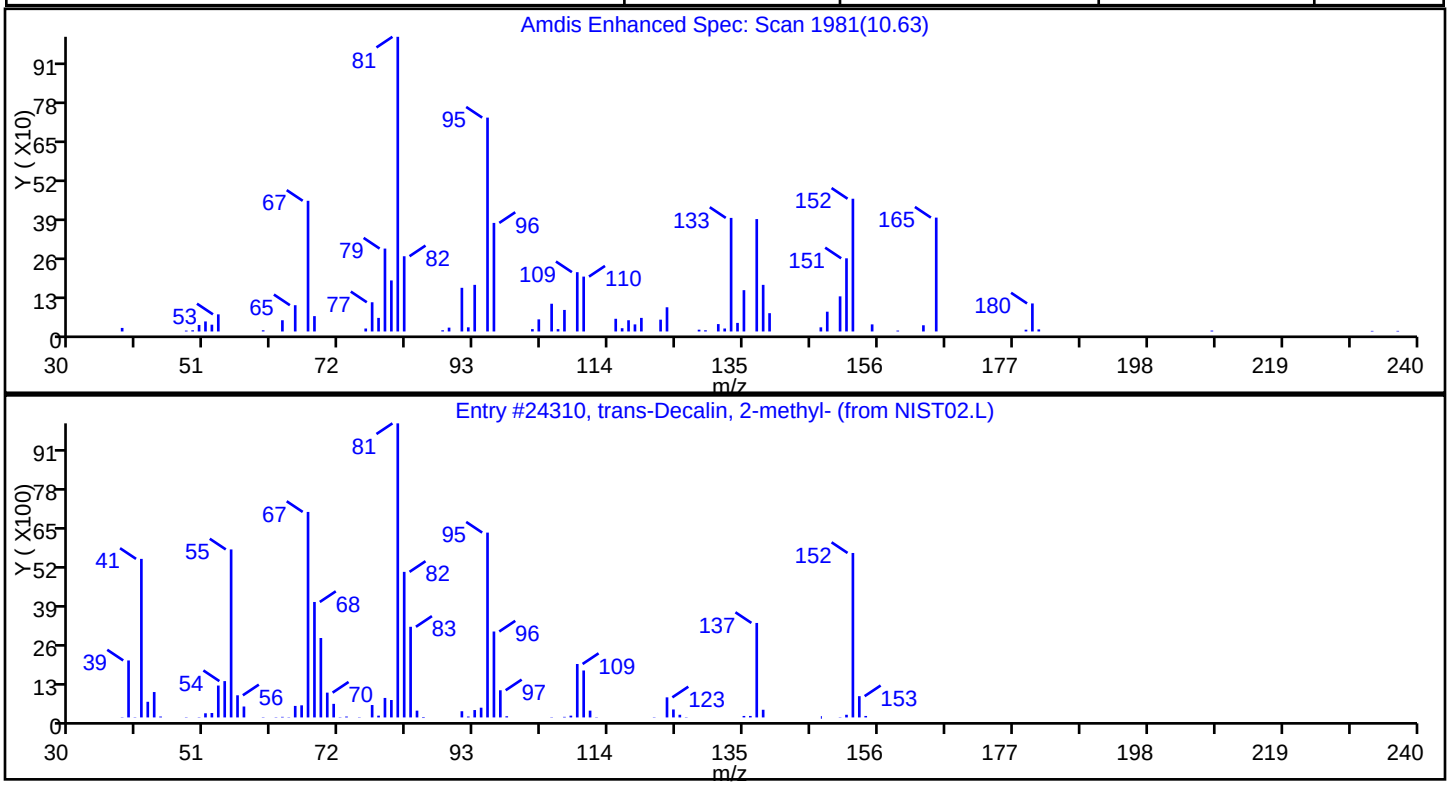
Report Date: 20-Sep-2013 07:54:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363095.D

Injection Date:	18-Sep-2013 18:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	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
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	70



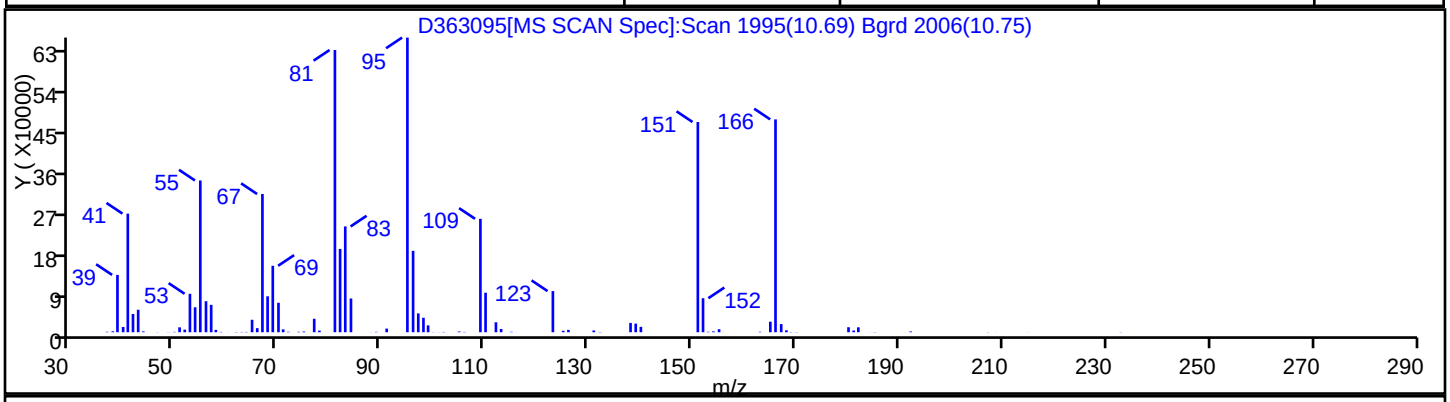
Report Date: 20-Sep-2013 07:54:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

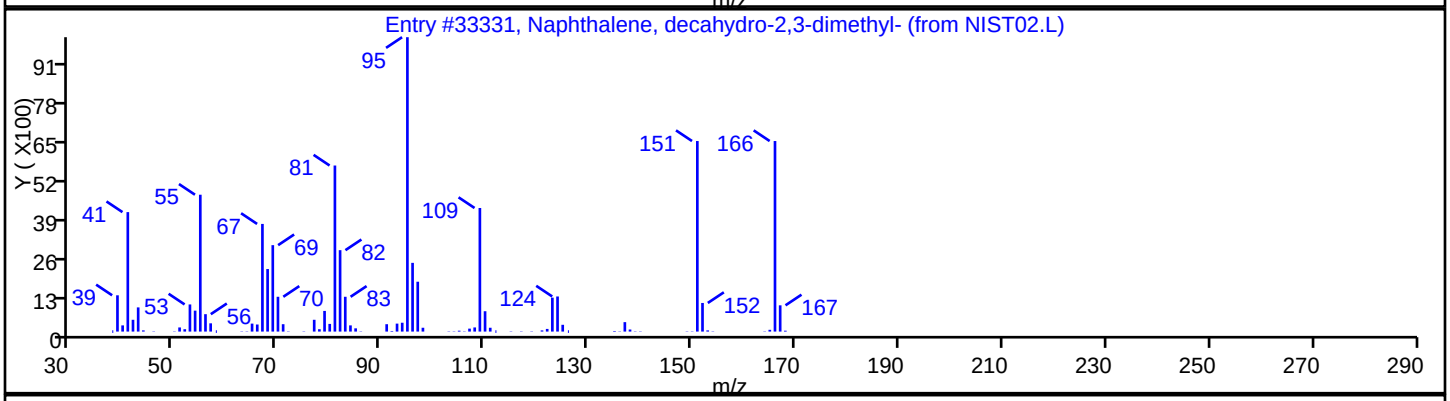
TestAmerica Edison

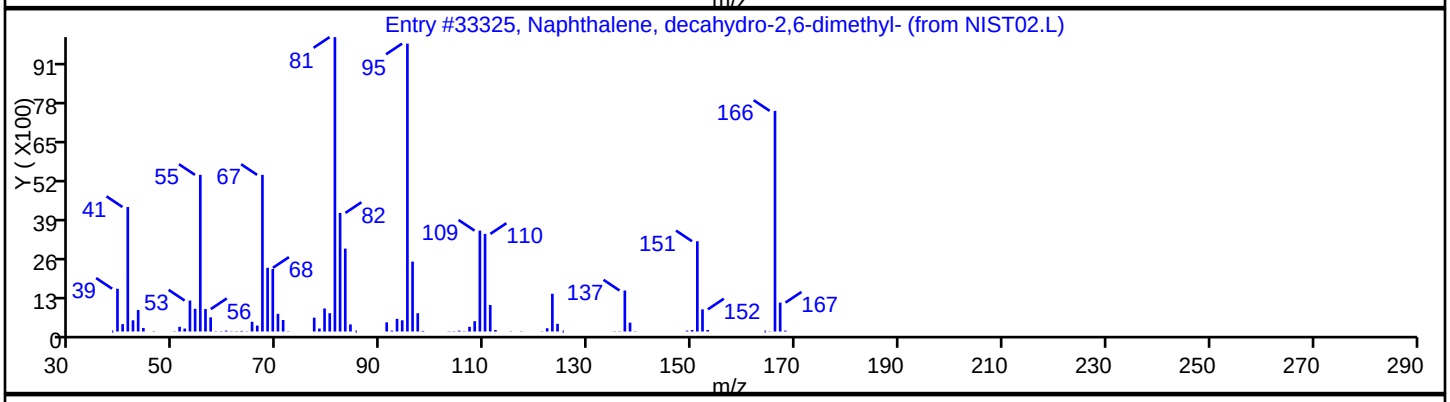
Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363095.D

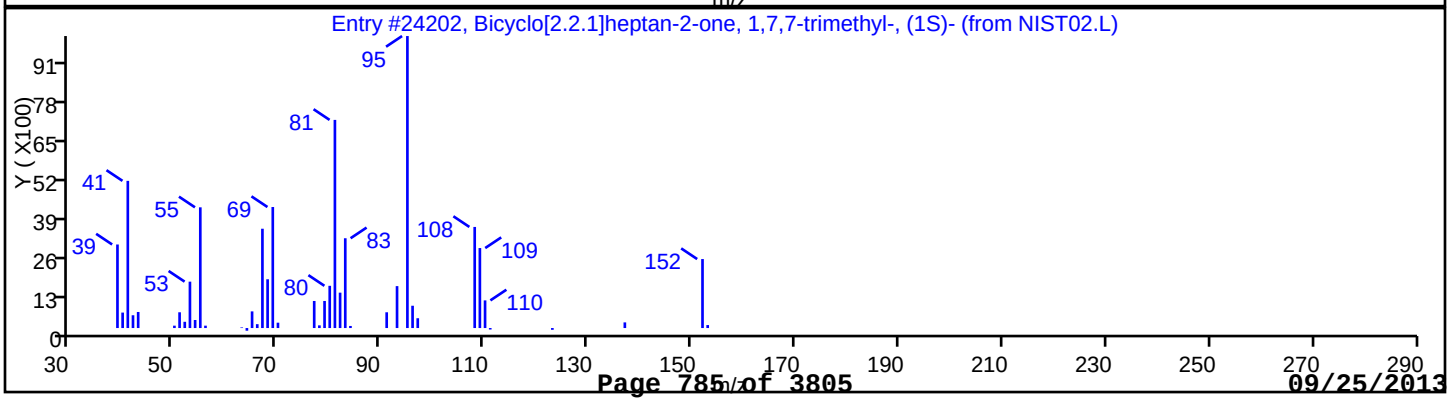
Injection Date:	18-Sep-2013 18:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-2,3-dimethyl-	1008-80-6	NIST02.L	33331	89
Naphthalene, decahydro-2,6-dimethyl-	1618-22-0	NIST02.L	33325	87
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimet	464-48-2	NIST02.L	24202	50









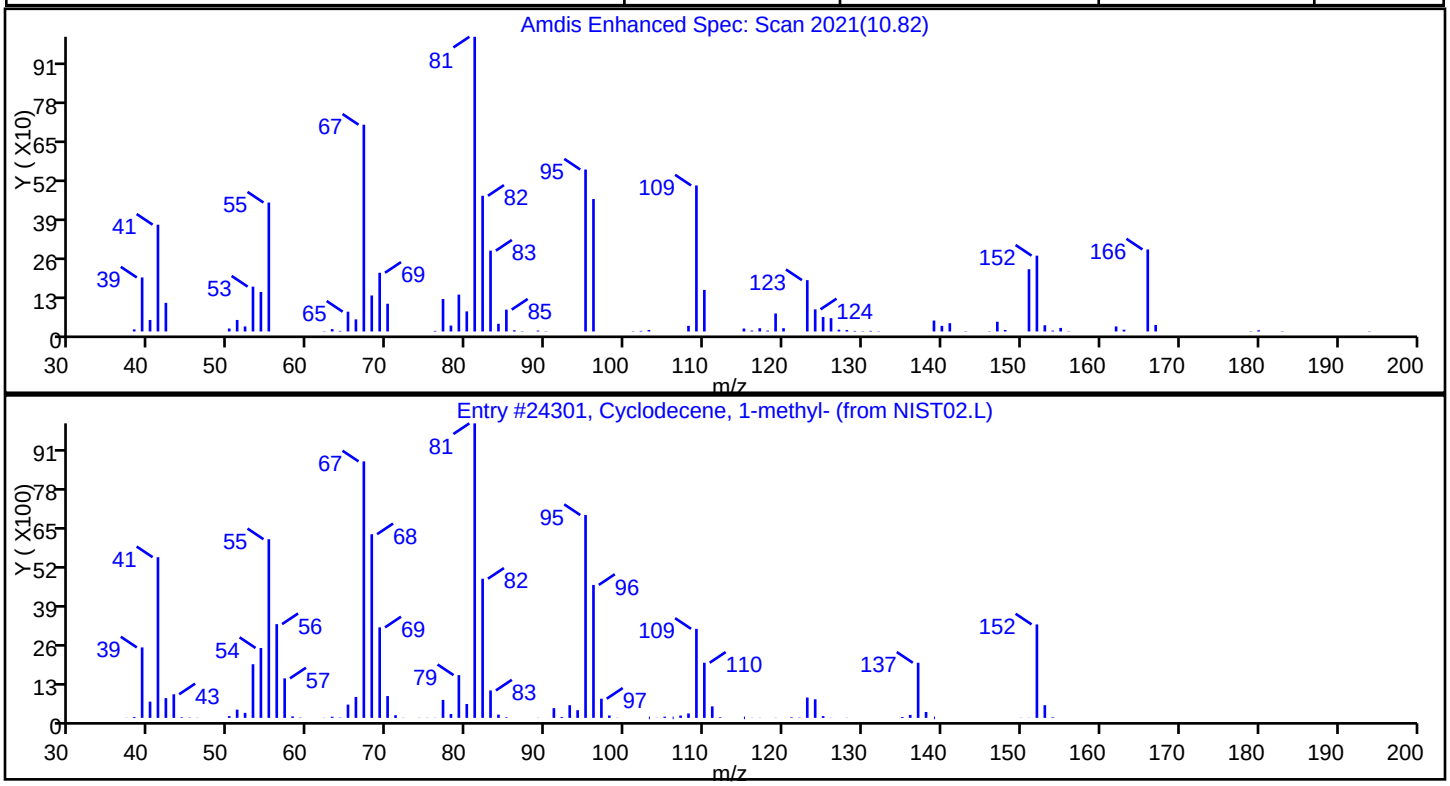
Report Date: 20-Sep-2013 07:54:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363095.D

Injection Date:	18-Sep-2013 18:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	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
Cyclodecene, 1-methyl-	66633-38-3	NIST02.L	24301	81

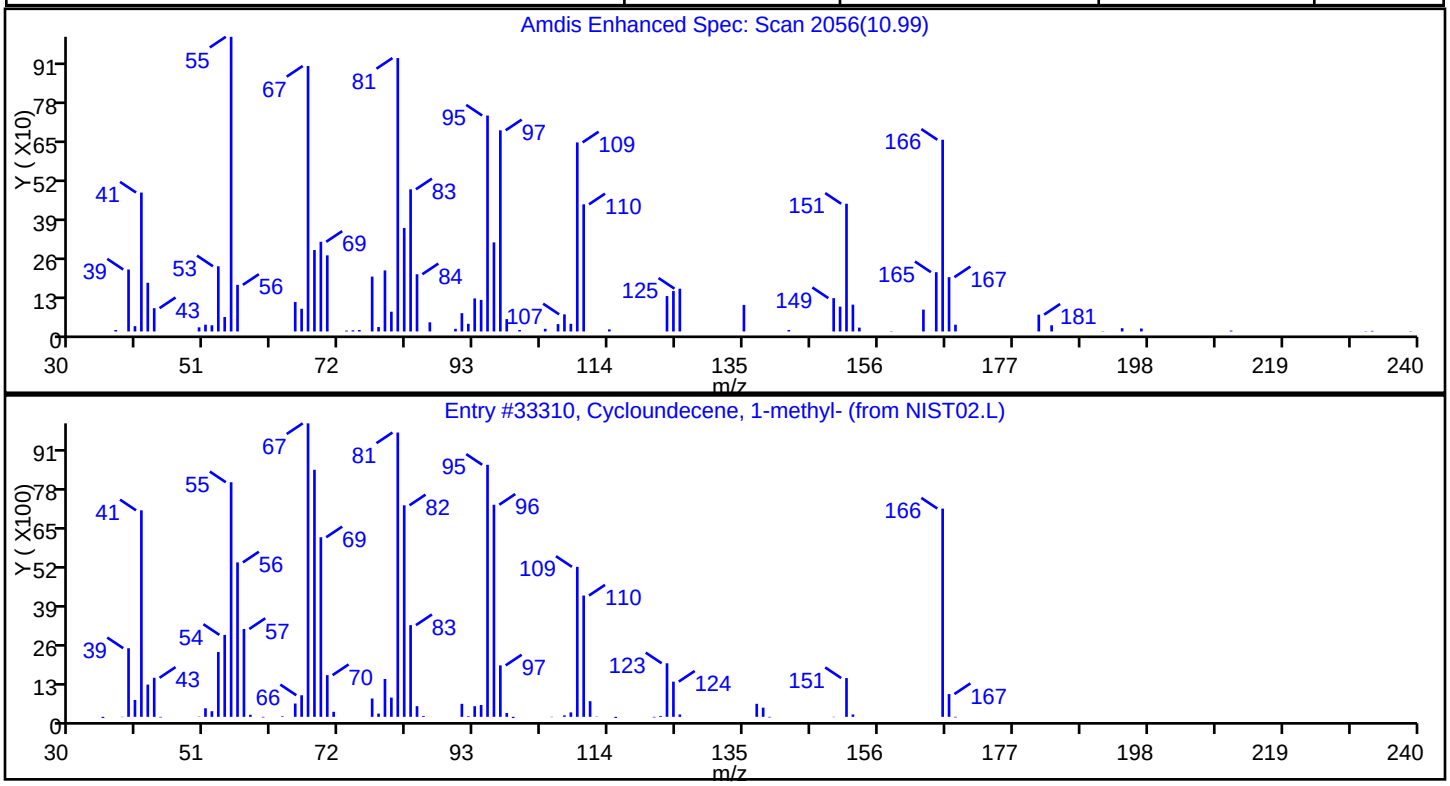


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363095.D

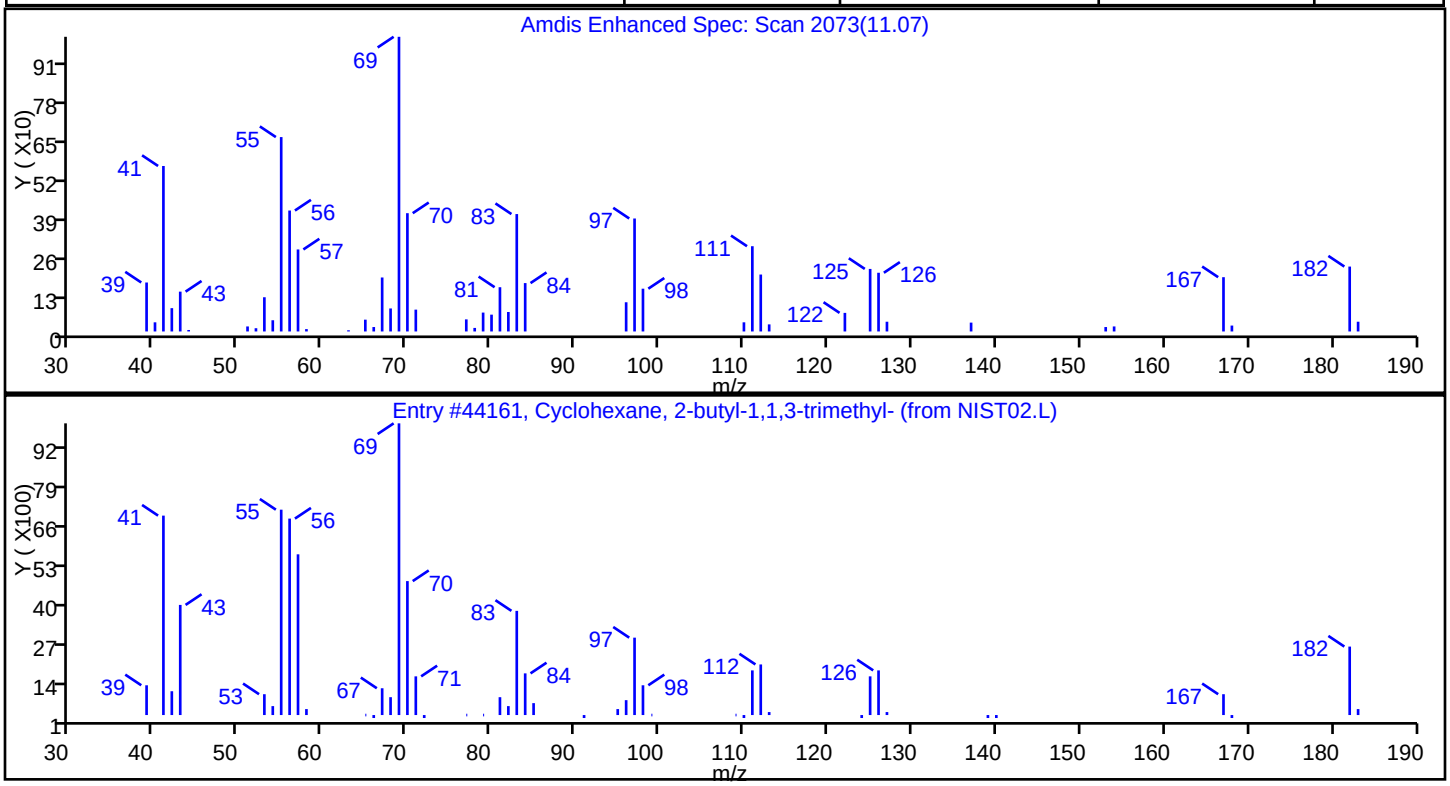
Injection Date:	18-Sep-2013 18:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	10
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Cycloundecene, 1-methyl-	88828-82-4	NIST02.L	33310	72



Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363095.D
Injection Date: 18-Sep-2013 18:02:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-27SE-SD Instrument ID: CVOAMS4
Lims Batch ID: 182028 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
Cyclohexane, 2-butyl-1,1,3-trimethyl-	54676-39-0	NIST02.L	44161	96



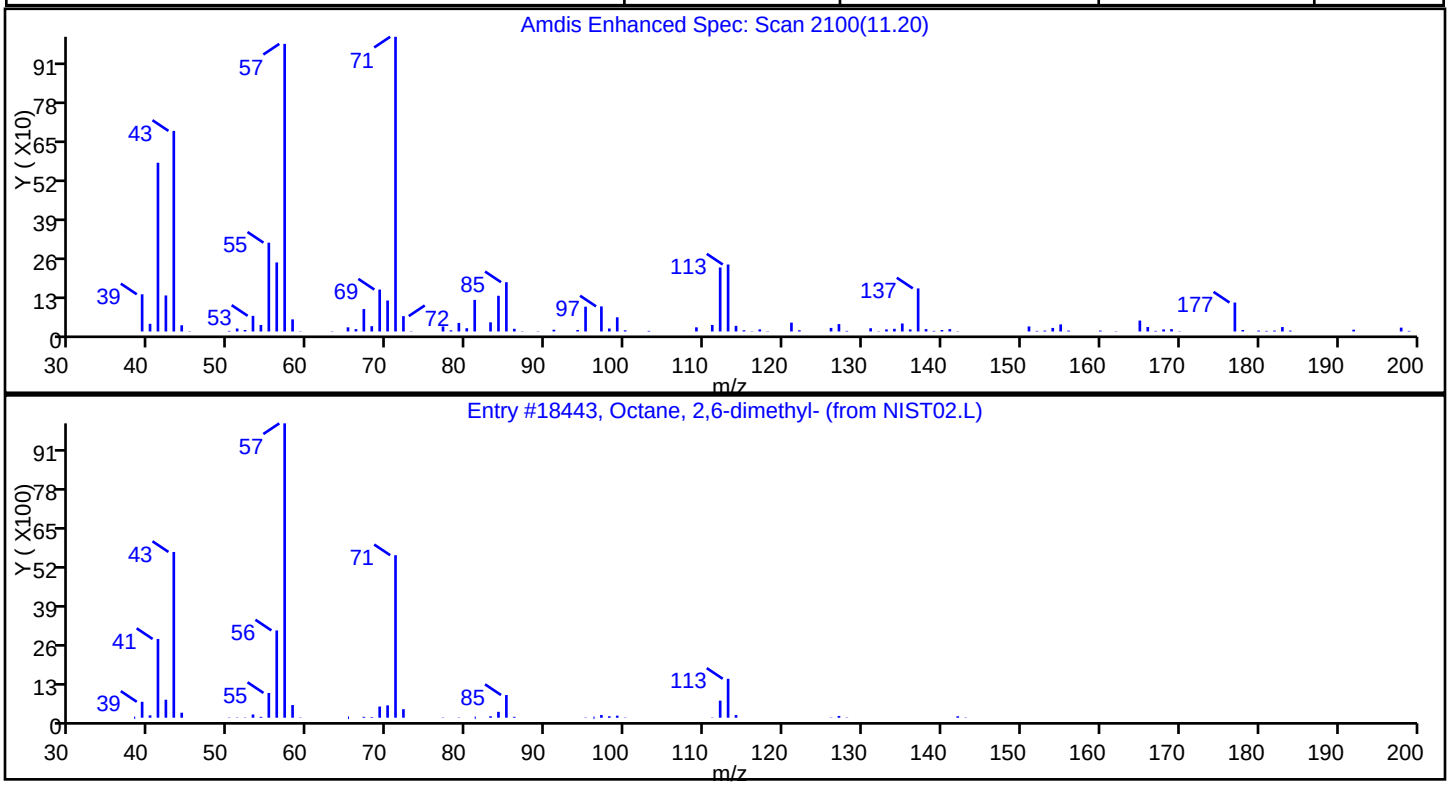
Report Date: 20-Sep-2013 07:54:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363095.D

Injection Date:	18-Sep-2013 18:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	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
Octane, 2,6-dimethyl-	2051-30-1	NIST02.L	18443	81



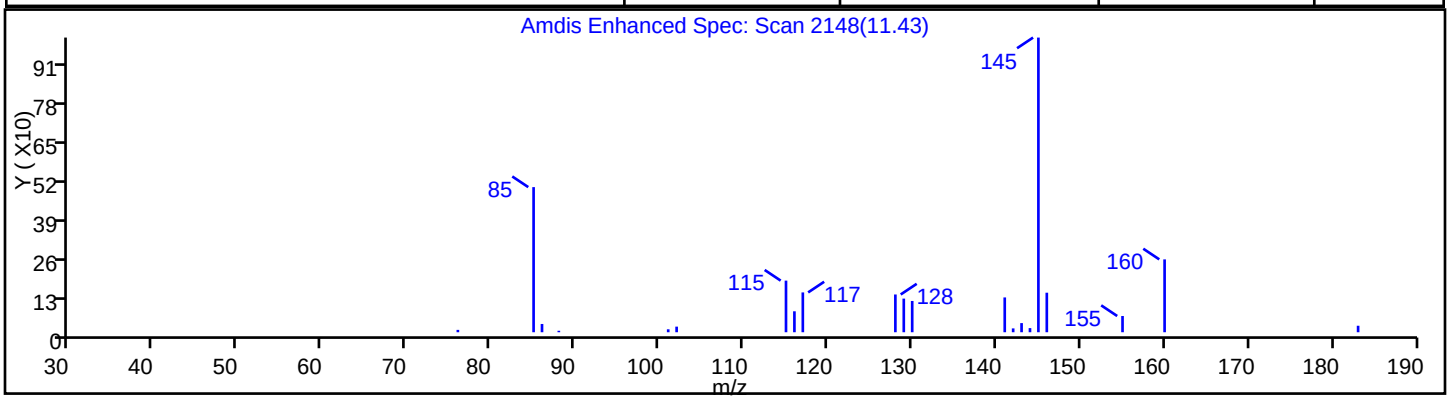
Report Date: 20-Sep-2013 07:54:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

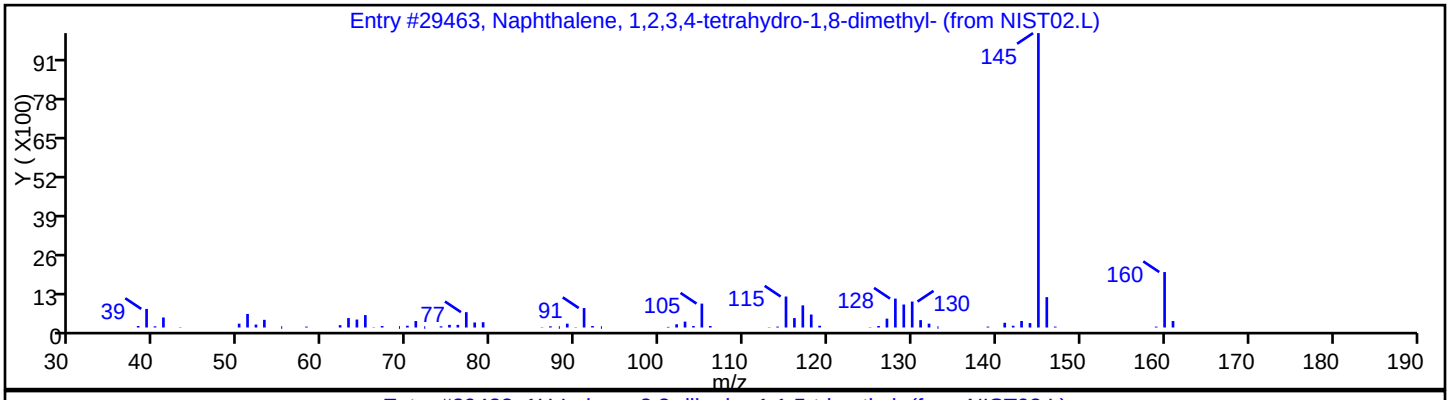
TestAmerica Edison

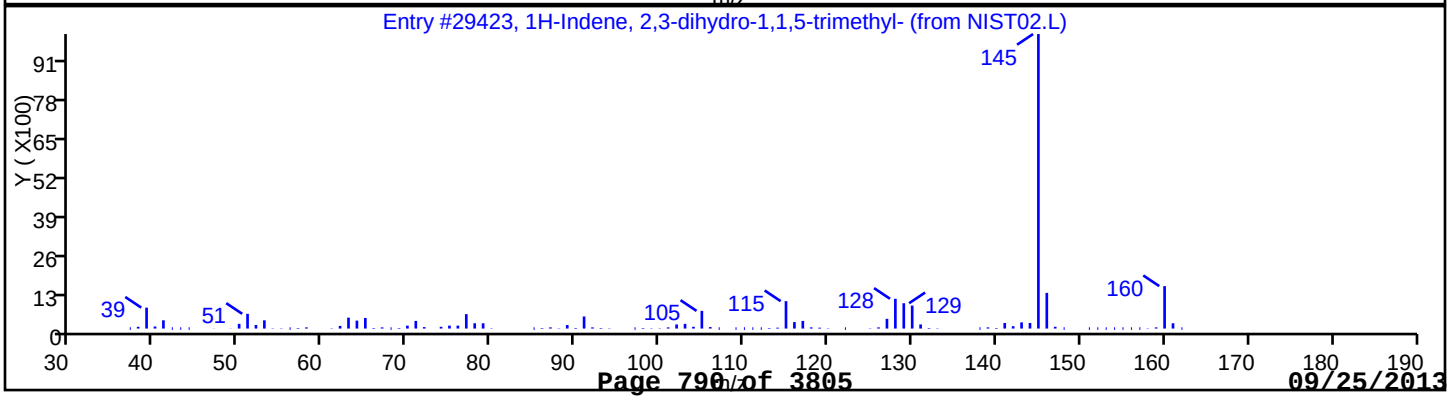
Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363095.D

Injection Date:	18-Sep-2013 18:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	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
Unknown		NIST02.L	0	0
Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	25419-33-4	NIST02.L	29463	76
1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	40650-41-7	NIST02.L	29423	70







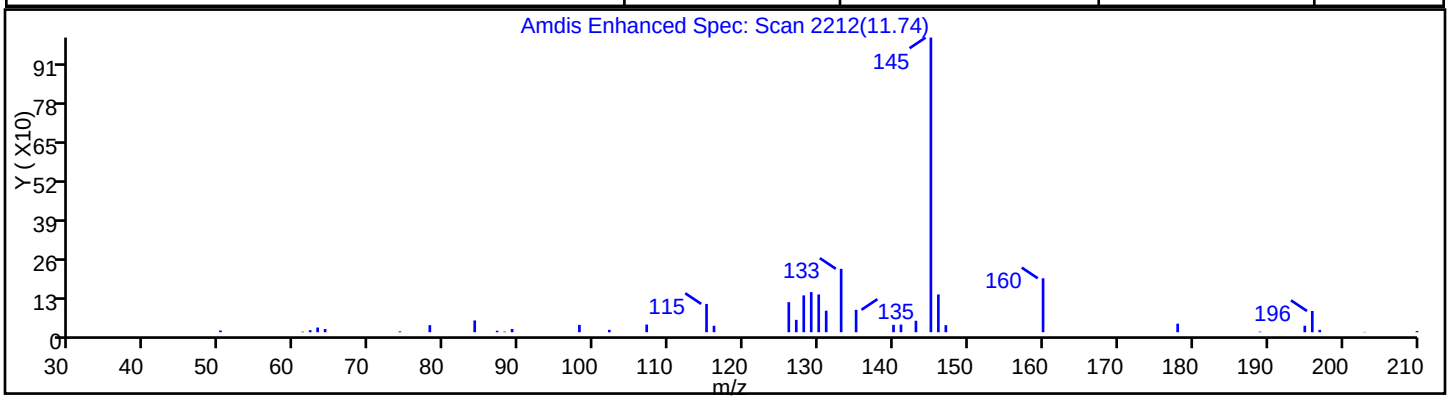
Report Date: 20-Sep-2013 07:54:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

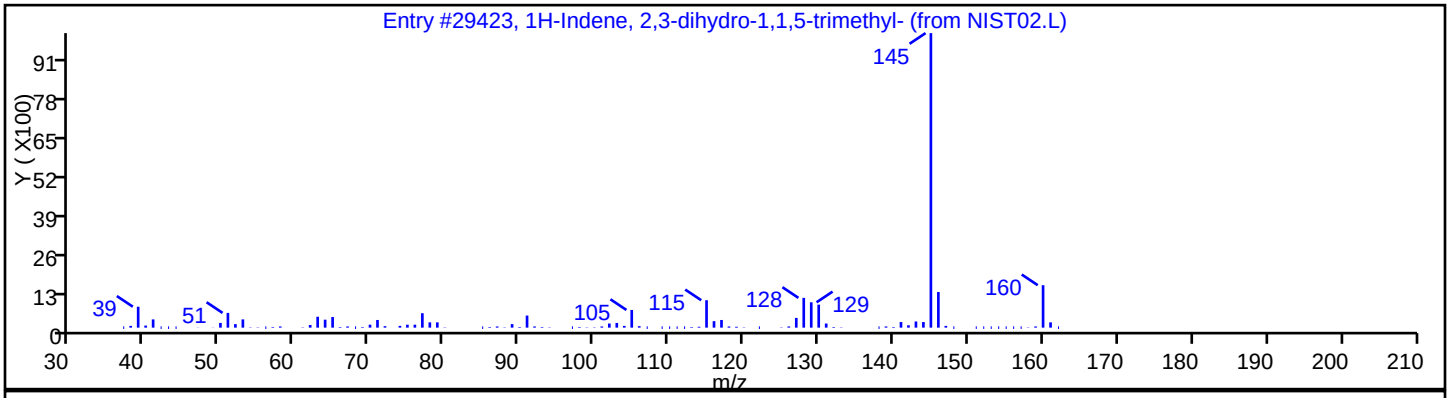
TestAmerica Edison

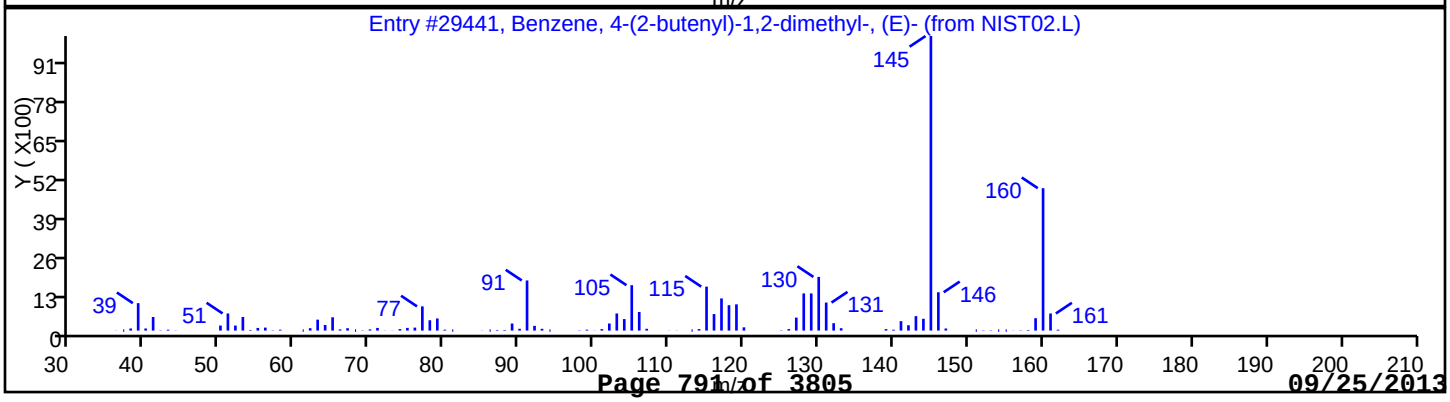
Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363095.D

Injection Date:	18-Sep-2013 18:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-27SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	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
Unknown		NIST02.L	0	0
1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	40650-41-7	NIST02.L	29423	81
Benzene, 4-(2-butenyl)-1,2-dimethyl-, (E	54340-86-2	NIST02.L	29441	81







FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-VD | Lab Sample ID: 460-62968-5

Matrix: Solid | Lab File ID: D363134.D

Analysis Method: 8260B | Date Collected: 09/12/2013 09:20

Sample wt/vol: 6.488(g) | Date Analyzed: 09/19/2013 12:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.2 | Level: (low/med) Low

Analysis Batch No.: 182082 | 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	28		4.1	1.4
75-15-0	Carbon disulfide	4.1		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	6.9		0.82	0.20
78-93-3	2-Butanone	0.52	U	4.1	0.52
107-06-2	1,2-Dichloroethane	0.15	U	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	0.091	J	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	0.099	U	0.82	0.099
108-88-3	Toluene	0.12	U	0.82	0.12
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	0.12	U	0.82	0.12
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-VD | Lab Sample ID: 460-62968-5

Matrix: Solid | Lab File ID: D363134.D

Analysis Method: 8260B | Date Collected: 09/12/2013 09:20

Sample wt/vol: 6.488(g) | Date Analyzed: 09/19/2013 12:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.2 | Level: (low/med) Low

Analysis Batch No.: 182082 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.65	J	0.82	0.090
120-82-1	1,2,4-Trichlorobenzene	0.44	J	0.82	0.16
87-61-6	1,2,3-Trichlorobenzene	0.21	J	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	0.099	U	0.82	0.099
1330-20-7	Xylenes, Total	0.88	J	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	0.12	U	0.82	0.12
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)	83		70-130
2037-26-5	Toluene-d8 (Surr)	109		70-130
460-00-4	Bromofluorobenzene	105		70-130
1868-53-7	Dibromofluoromethane (Surr)	92		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-VD Lab Sample ID: 460-62968-5

Matrix: Solid Lab File ID: D363134.D

Analysis Method: 8260B Date Collected: 09/12/2013 09:20

Sample wt/vol: 6.488(g) Date Analyzed: 09/19/2013 12:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.2 Level: (low/med) Low

Analysis Batch No.: 182082 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 75.3

CAS NO.	COMPOUND NAME	RT	RESULT	Q
620-14-4	Benzene, 1-ethyl-3-methyl-	9.32	5.9	J N
526-73-8	Benzene, 1,2,3-trimethyl-	9.78	6.6	J N
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	9.95	8.4	J N
527-53-7	Benzene, 1,2,3,5-tetramethyl-	10.80	13	J N
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	11.06	8.0	J N
17057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethyl-	11.12	6.0	J N
3877-19-8	Naphthalene, 1,2,3,4-tetrahydro-2-methyl	11.33	9.8	J N
1559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-methyl	11.60	5.9	J N
90-12-0	Naphthalene, 1-methyl-	12.33	5.7	J N
582-16-1	Naphthalene, 2,7-dimethyl-	13.26	6.0	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363134.D		
Lims ID:	460-62968-C-5-A	Client ID:	PMP-19SE-VD
Inject. Date:	19-Sep-2013 12:17:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-C-5-A		
Misc. Info.:	460-0004794-022		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	21
Lims Batch ID:	182082	Lims Sample ID:	22
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\8260S_4.m		
Last Update:	20-Sep-2013 07:10:45	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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:	19-Sep-2013 19:26:10

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
21 Carbon disulfide	76	2.016	2.007	0.009	98	85358	5.04	
19 Acetone	43	2.440	2.425	0.015	79	39265	34.5	
* 151 TBA-d9 (IS)	65	2.652	2.652	0.0	67	183778	1000.0	
47 Chloroform	83	3.581	3.567	0.014	91	88919	8.35	
$ 152 Dibromofluoromethane (Surr)	113	3.721	3.721	0.0	96	190837	46.2	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.173	4.169	0.004	94	183426	41.7	
* 59 Fluorobenzene	96	4.438	4.429	0.009	98	704867	50.0	
* 150 1,4-Dioxane-d8	96	5.401	5.406	-0.005	1	13017	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.104	6.104	0.0	97	707395	54.3	
* 87 Chlorobenzene-d5	117	7.794	7.795	-0.001	85	490348	50.0	
92 o-Xylene	106	8.382	8.387	-0.005	87	9128	1.07	
98 Isopropylbenzene	105	8.661	8.661	0.0	45	2857	0.1104	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	90	229231	52.6	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	96	281408	50.0	
117 1,4-Dichlorobenzene	146	9.745	9.750	-0.005	25	9173	0.7940	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	26	5003	0.5303	
128 1,2,3-Trichlorobenzene	180	11.459	11.464	-0.005	11	2098	0.2564	
S 131 Xylenes, Total	100				0		1.07	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363134.D		
Lims ID:	460-62968-C-5-A	Client ID:	PMP-19SE-VD
Inject. Date:	19-Sep-2013 12:17:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-C-5-A		
Misc. Info.:	460-0004794-022		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	21
Lims Batch ID:	182082	Lims Sample ID:	22
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\8260S_4.m		
Last Update:	20-Sep-2013 07:10:45	Calib Date:	05-Sep-2013 06:32:30
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:	19-Sep-2013 19:26:10

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	620-14-4	Benzene, 1-ethyl-3-methyl-				
9.321	243522	7.17	116	91	9131	
	526-73-8	Benzene, 1,2,3-trimethyl-				
9.778	271674	8.00	116	94	9113	
	1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-				
9.952	348733	10.3	116	94	14378	
	527-53-7	Benzene, 1,2,3,5-tetramethyl-				
10.804	534322	15.7	116	90	14354	
	6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-				
11.064	331033	9.75	116	70	20746	
	17057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethyl-				
11.117	247412	7.29	116	87	20741	
	3877-19-8	Naphthalene, 1,2,3,4-tetrahydro-2-methyl				
11.334	406581	12.0	116	80	20759	
	1559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-methyl				
11.599	242070	7.13	116	76	20757	
	90-12-0	Naphthalene, 1-methyl-				
12.330	236378	6.96	116	70	18499	
	582-16-1	Naphthalene, 2,7-dimethyl-				
13.255	246261	7.25	116	97	27177	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	9.735	1697525	50.0

QC Flag Legend

Processing Flags

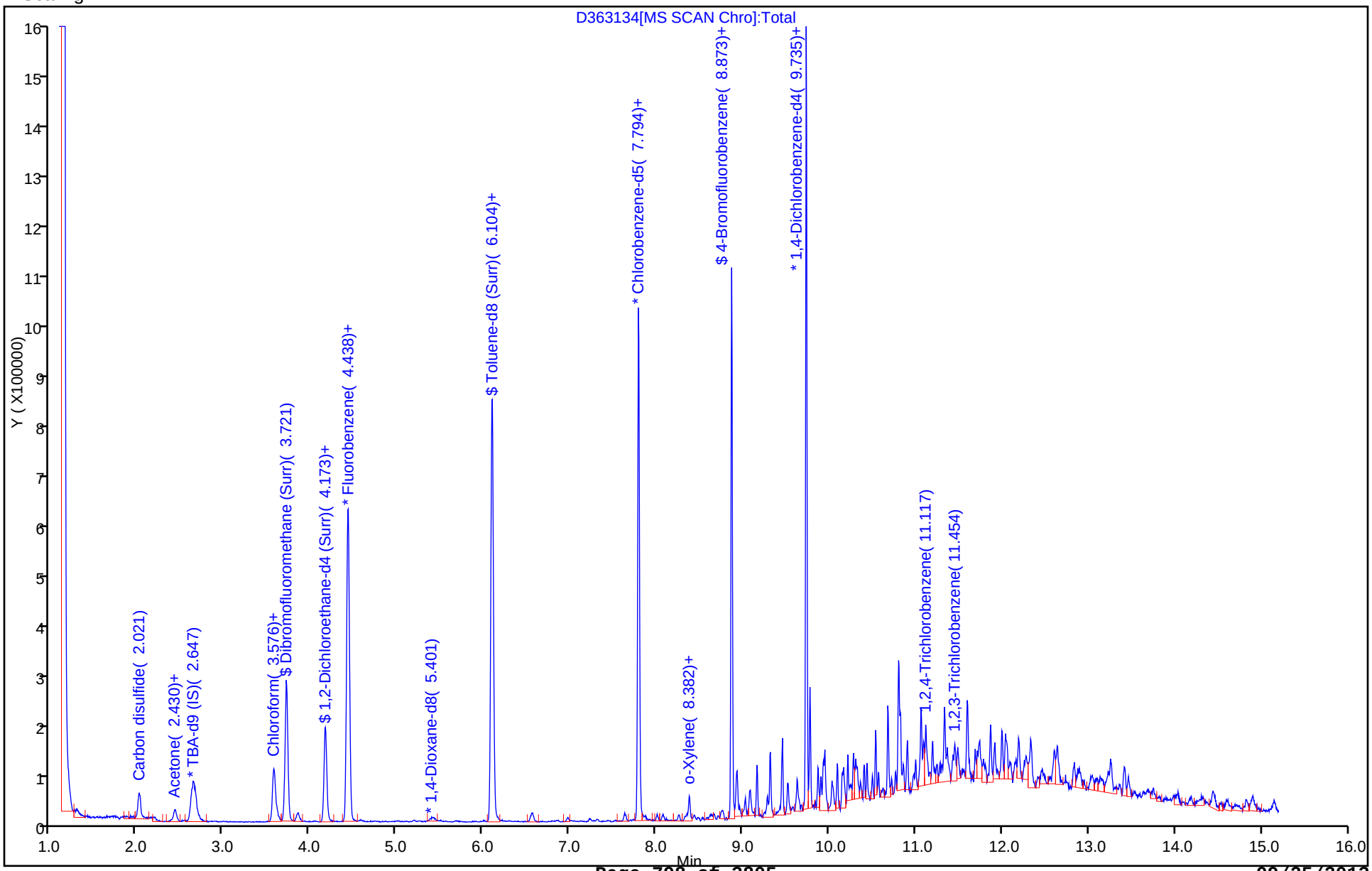
Report Date: 20-Sep-2013 07:10:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363134.D

Injection Date:	19-Sep-2013 12:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



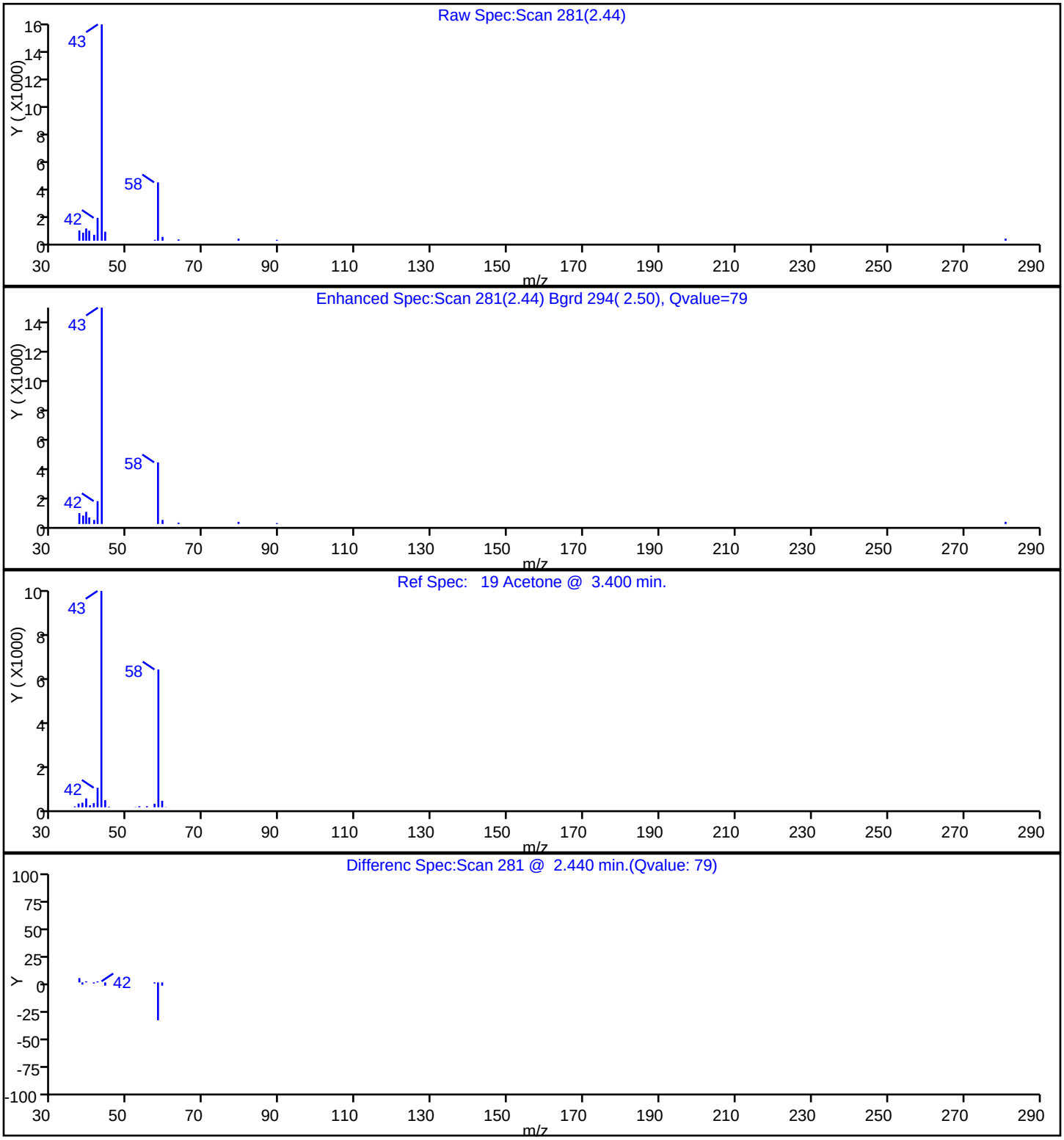
Report Date: 20-Sep-2013 07:10:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363134.D

Injection Date:	19-Sep-2013 12:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



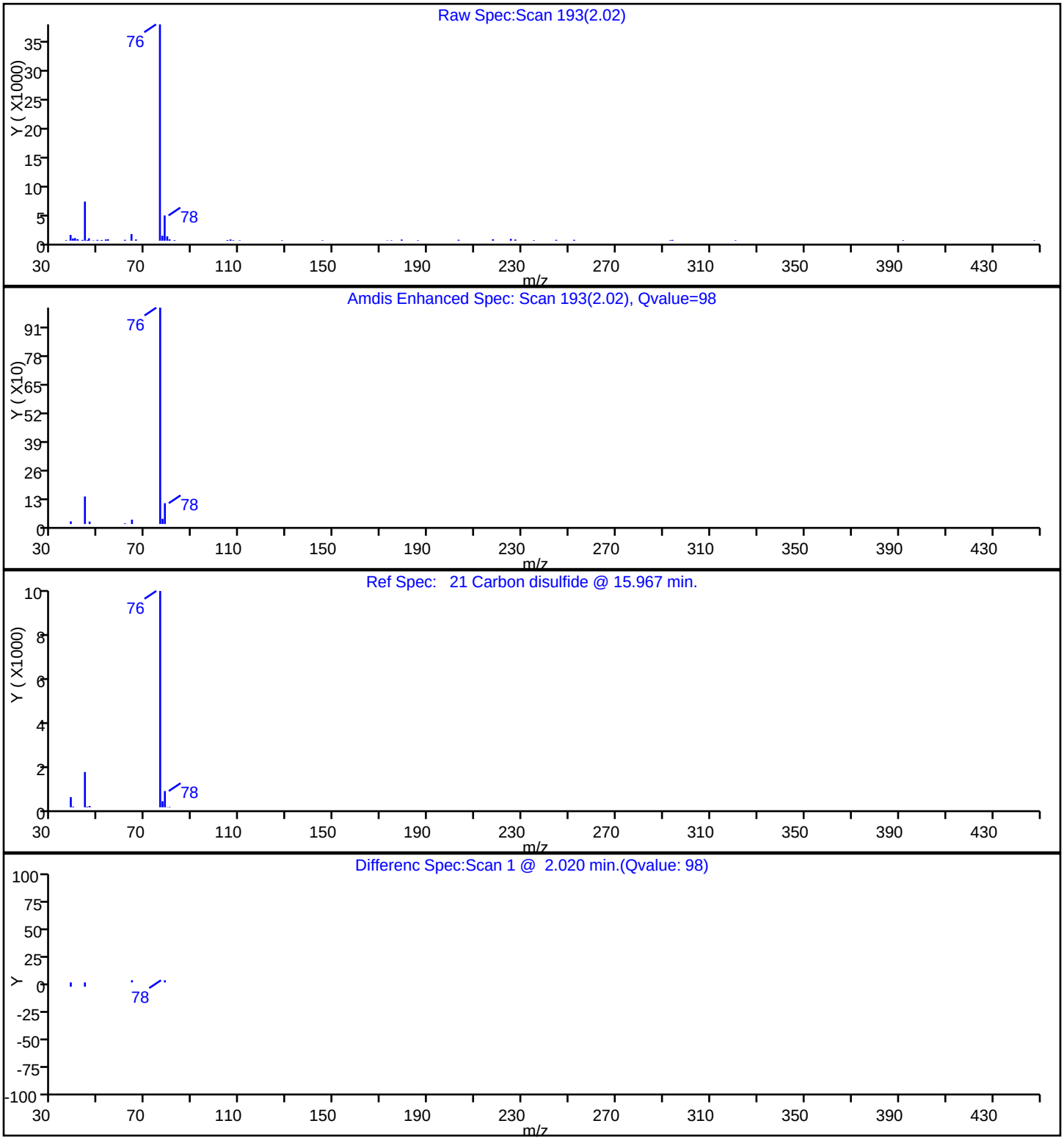
Report Date: 20-Sep-2013 07:10:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363134.D

Injection Date:	19-Sep-2013 12:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

21 Carbon disulfide



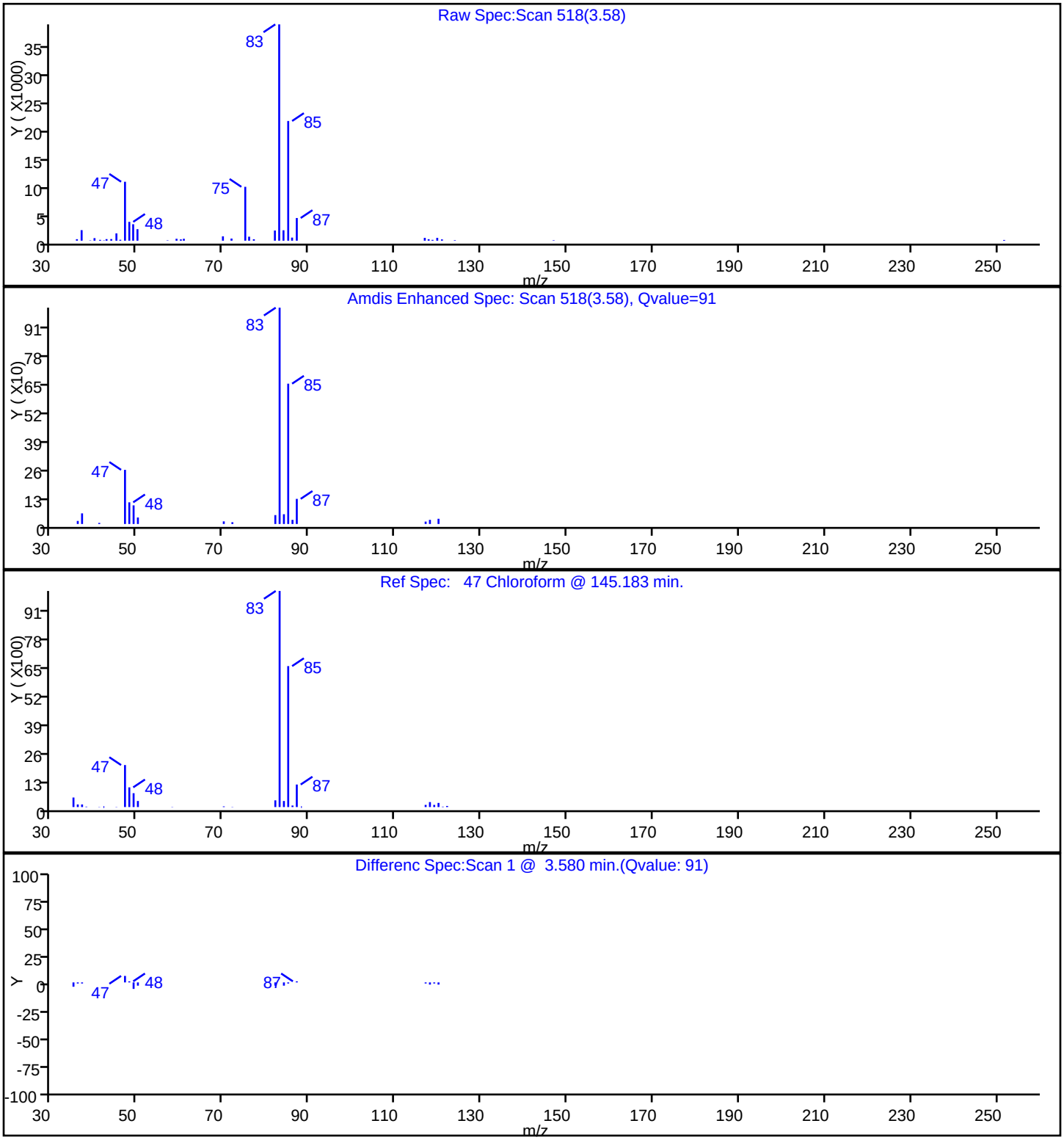
Report Date: 20-Sep-2013 07:10:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363134.D

Injection Date:	19-Sep-2013 12:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



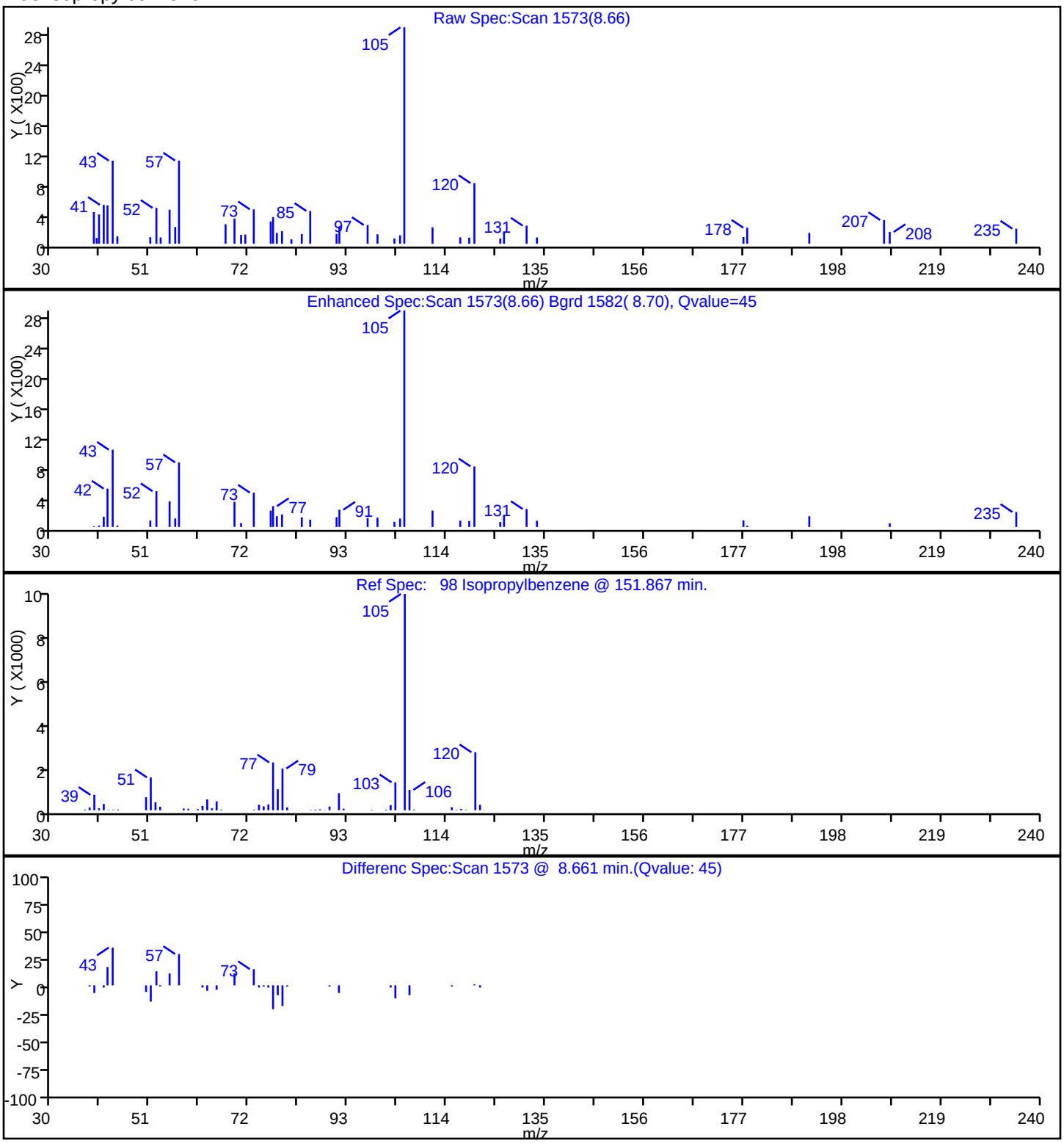
Report Date: 20-Sep-2013 07:10:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363134.D

Injection Date:	19-Sep-2013 12:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

98 Isopropylbenzene



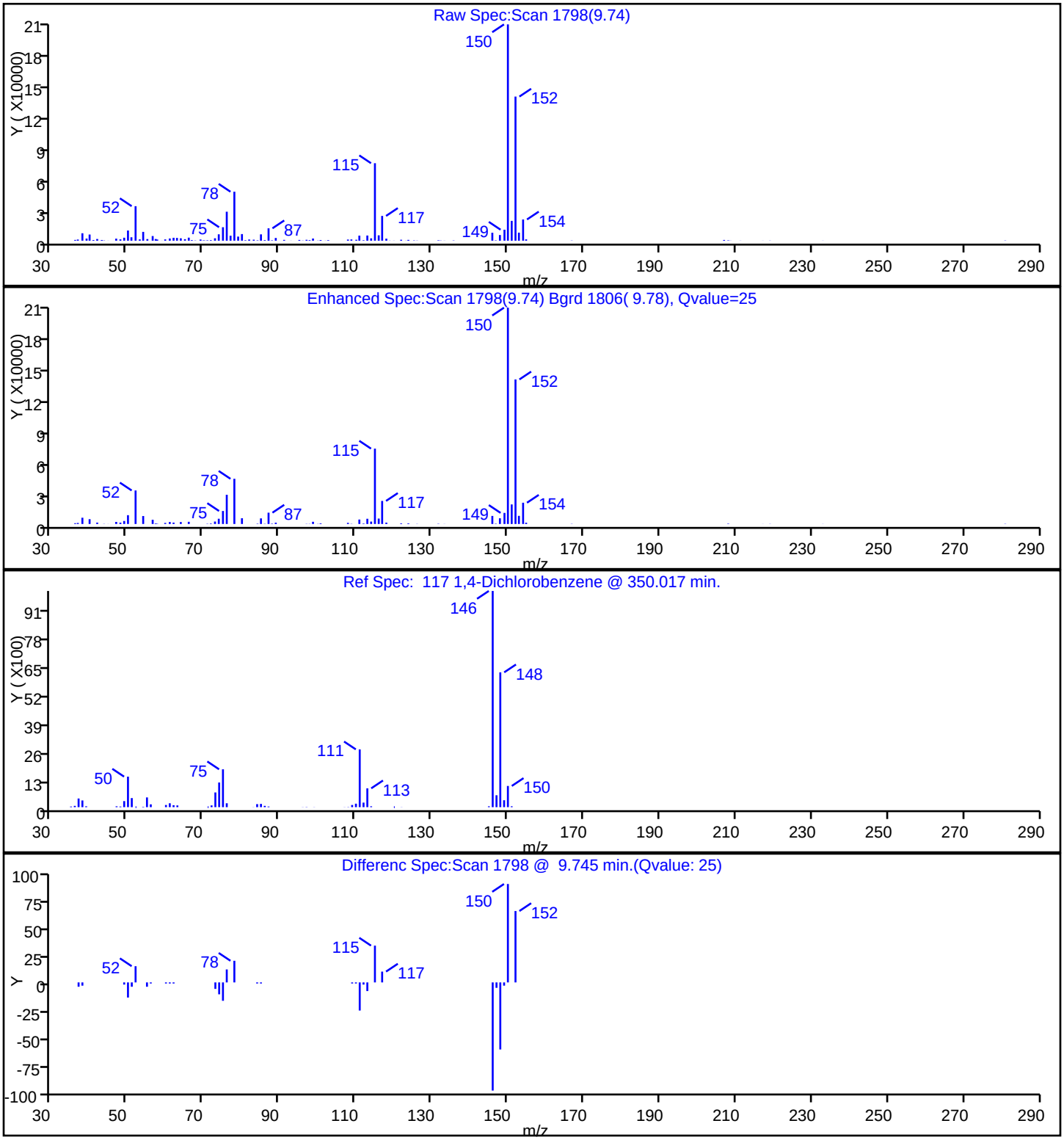
Report Date: 20-Sep-2013 07:10:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363134.D

Injection Date:	19-Sep-2013 12:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



Report Date: 20-Sep-2013 07:10:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

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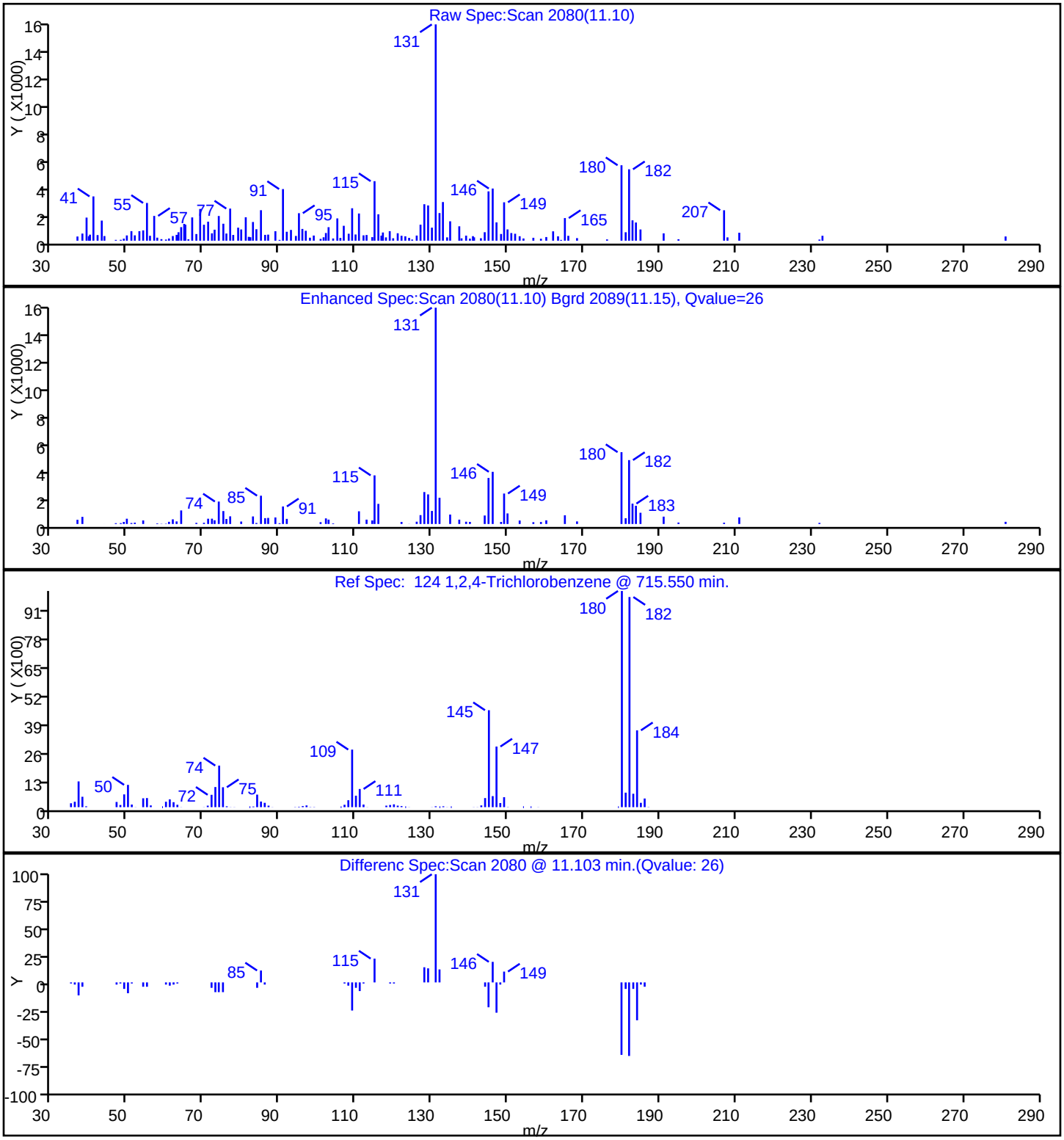
Injection Date:	19-Sep-2013 12:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



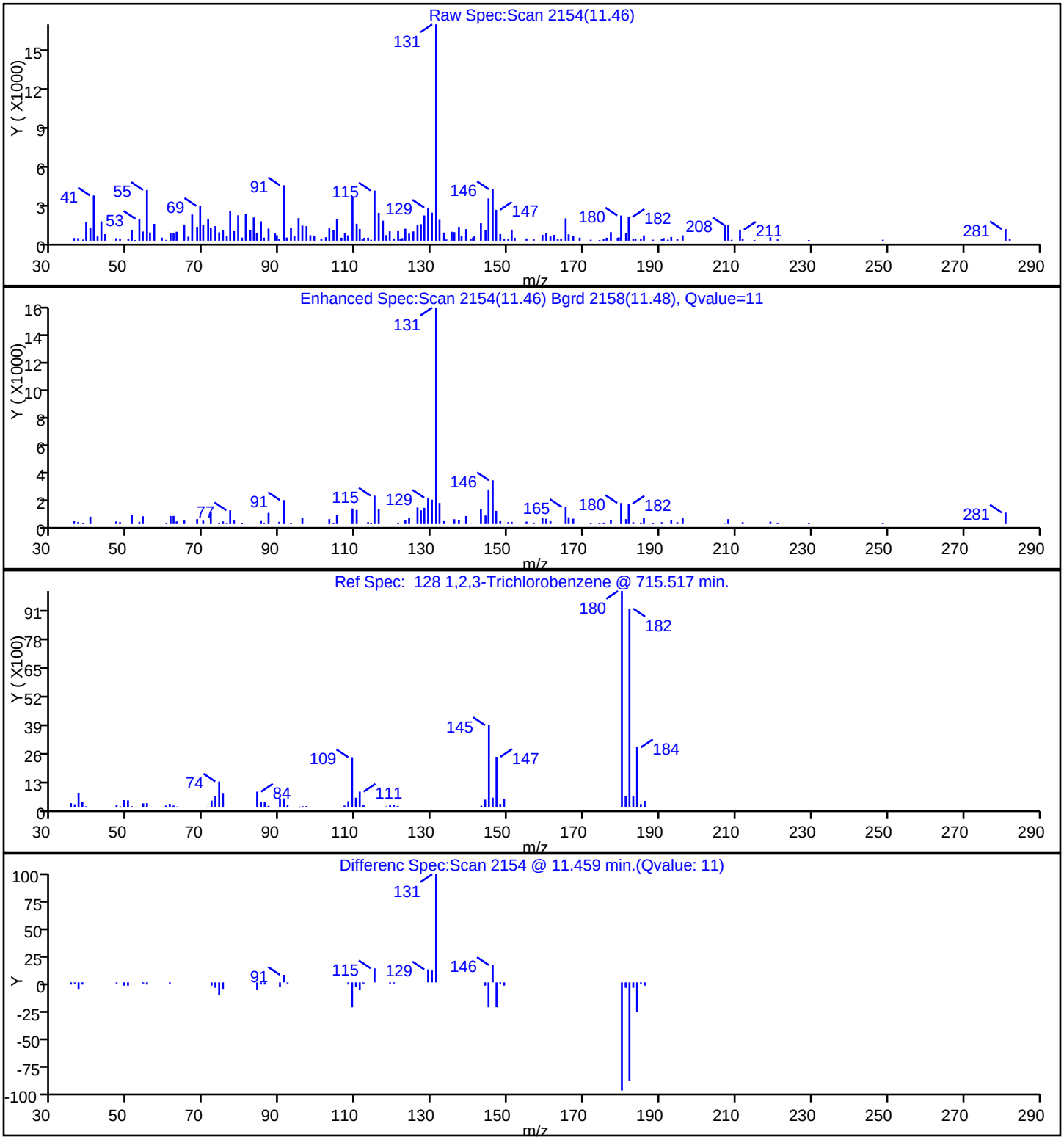
Report Date: 20-Sep-2013 07:10:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363134.D

Injection Date:	19-Sep-2013 12:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

128 1,2,3-Trichlorobenzene

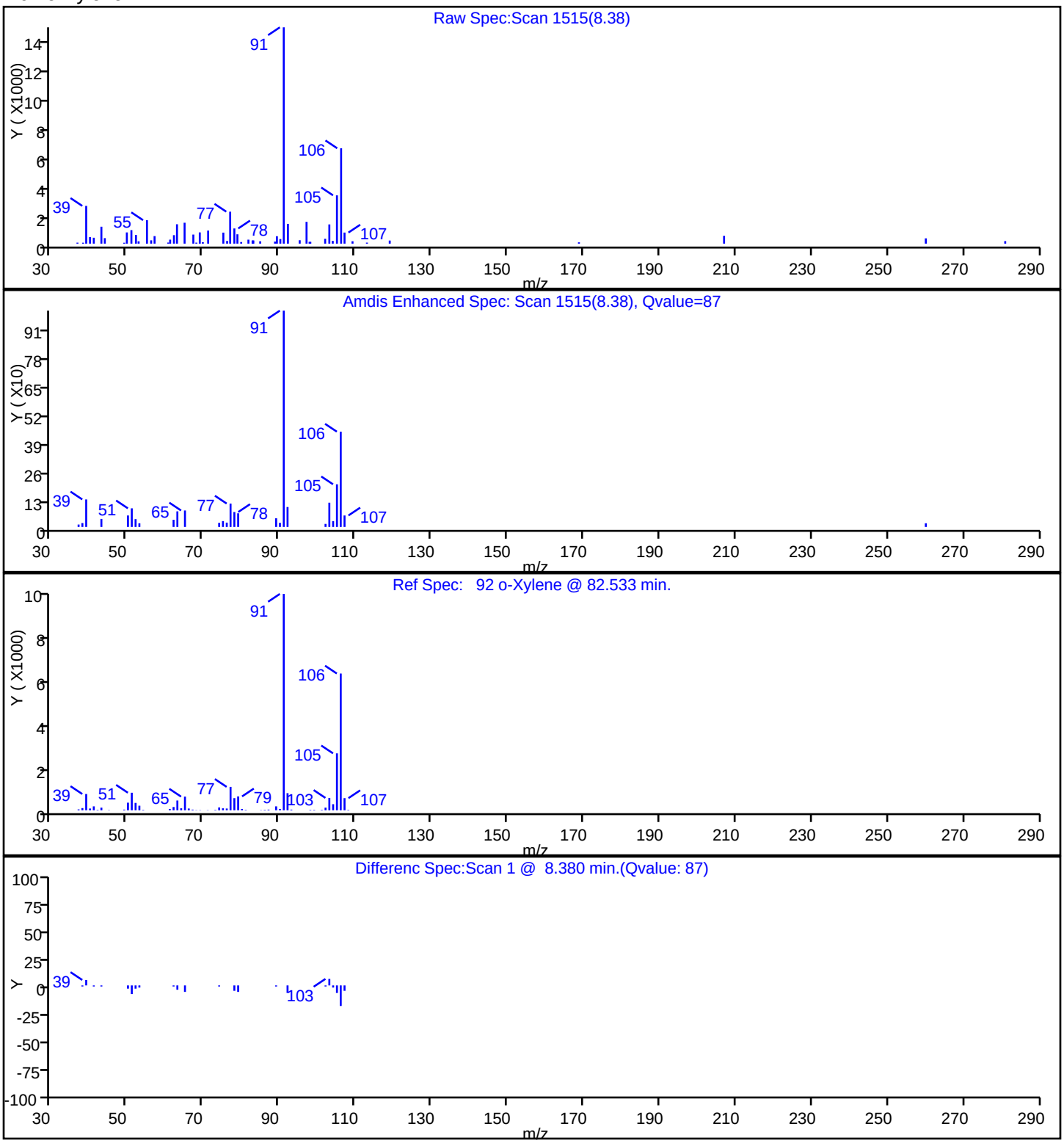


Report Date: 20-Sep-2013 07:10:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363134.D		
Injection Date:	19-Sep-2013 12:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

92 o-Xylene



Report Date: 20-Sep-2013 07:10:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363134.D

Injection Date: 19-Sep-2013 12:17:30 Limit Group: VOA - 8260B Water and Solid

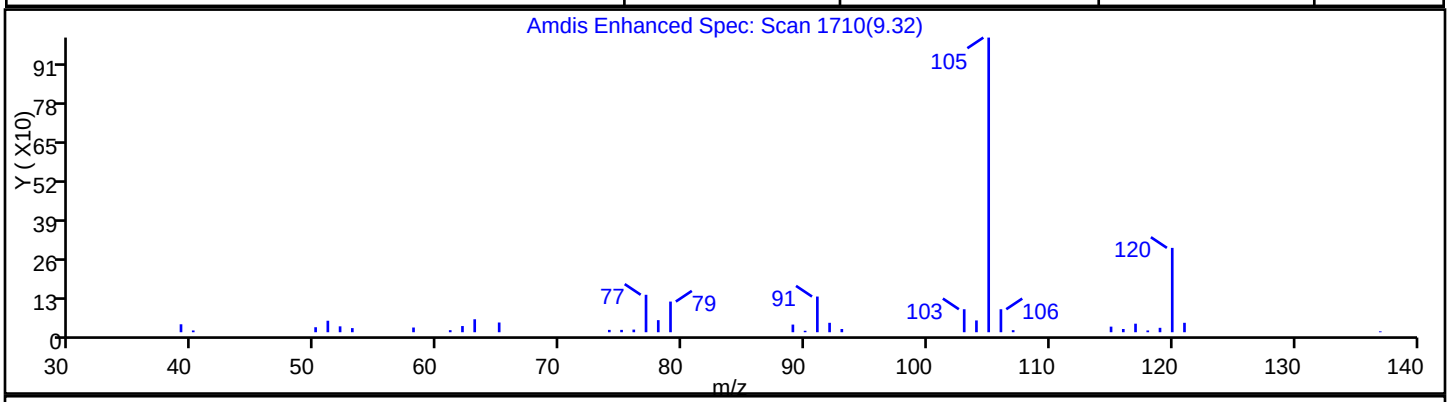
Client ID: PMP-19SE-VD Instrument ID: CVOAMS4

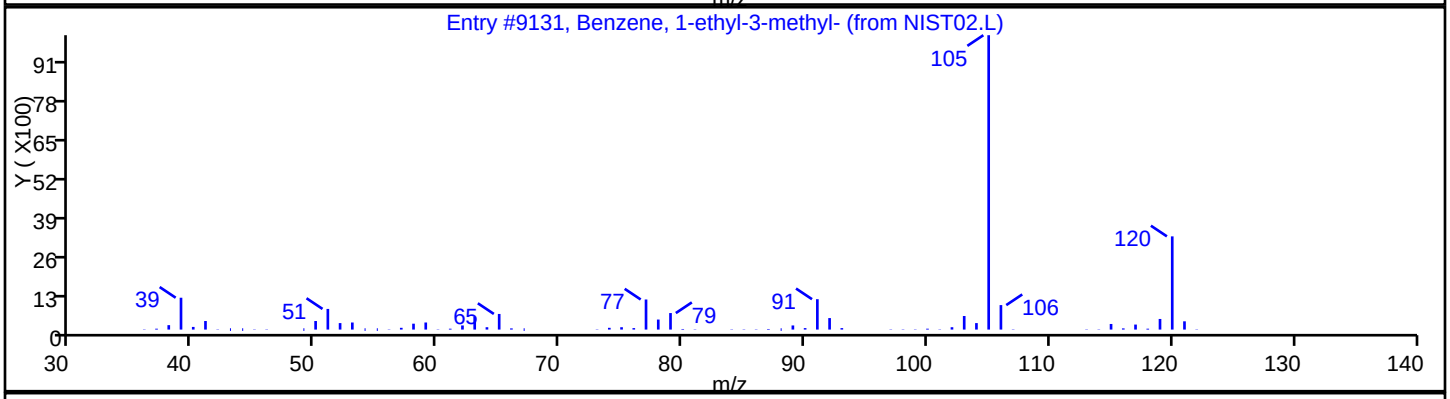
Lims Batch ID: 182082 Lims Sample ID: 22

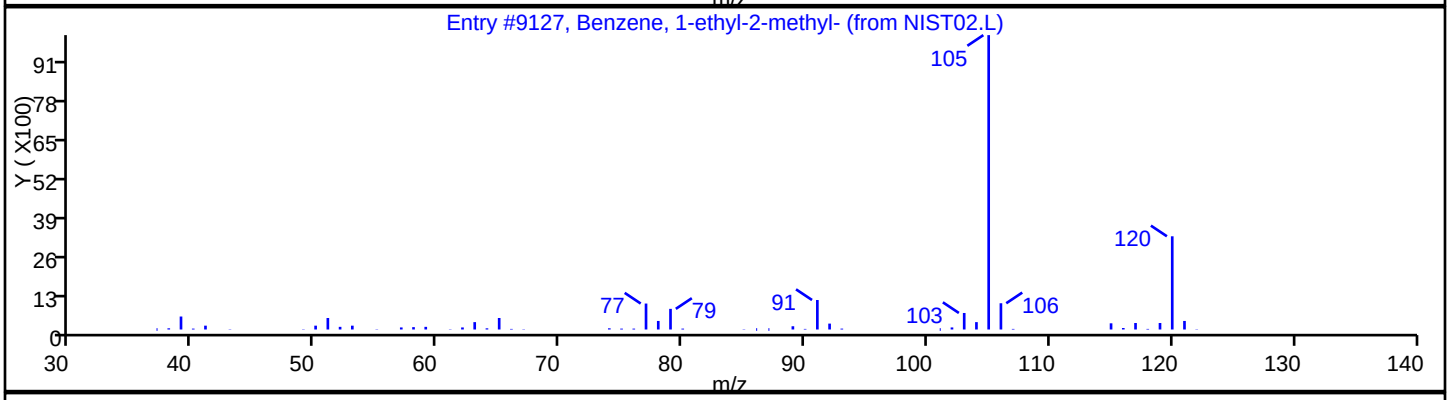
Operator ID: Purge Vol: 5.000 mL

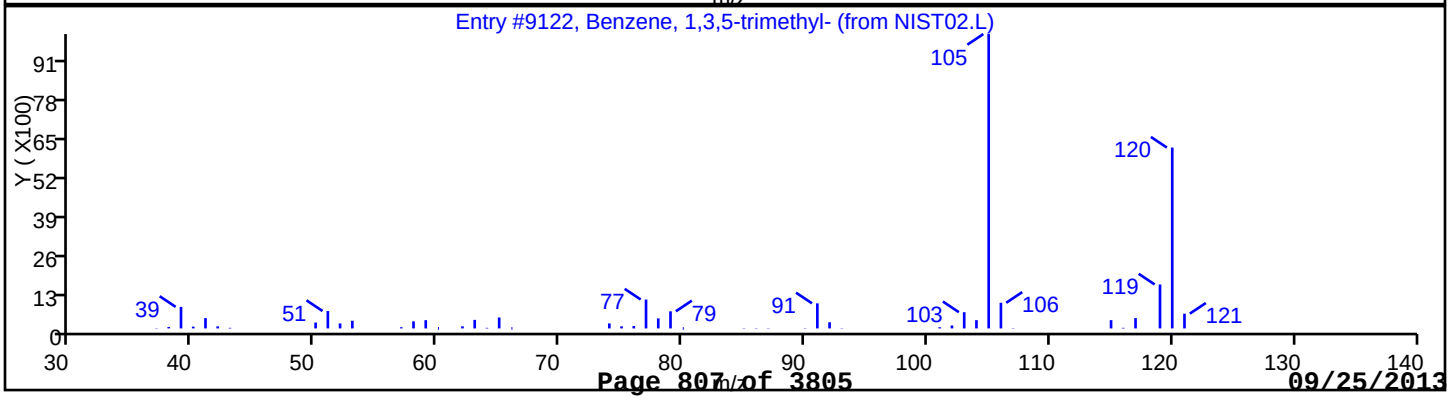
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.L	9131	91
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9127	91
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.L	9122	91









Report Date: 20-Sep-2013 07:10:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363134.D

Injection Date: 19-Sep-2013 12:17:30 Limit Group: VOA - 8260B Water and Solid

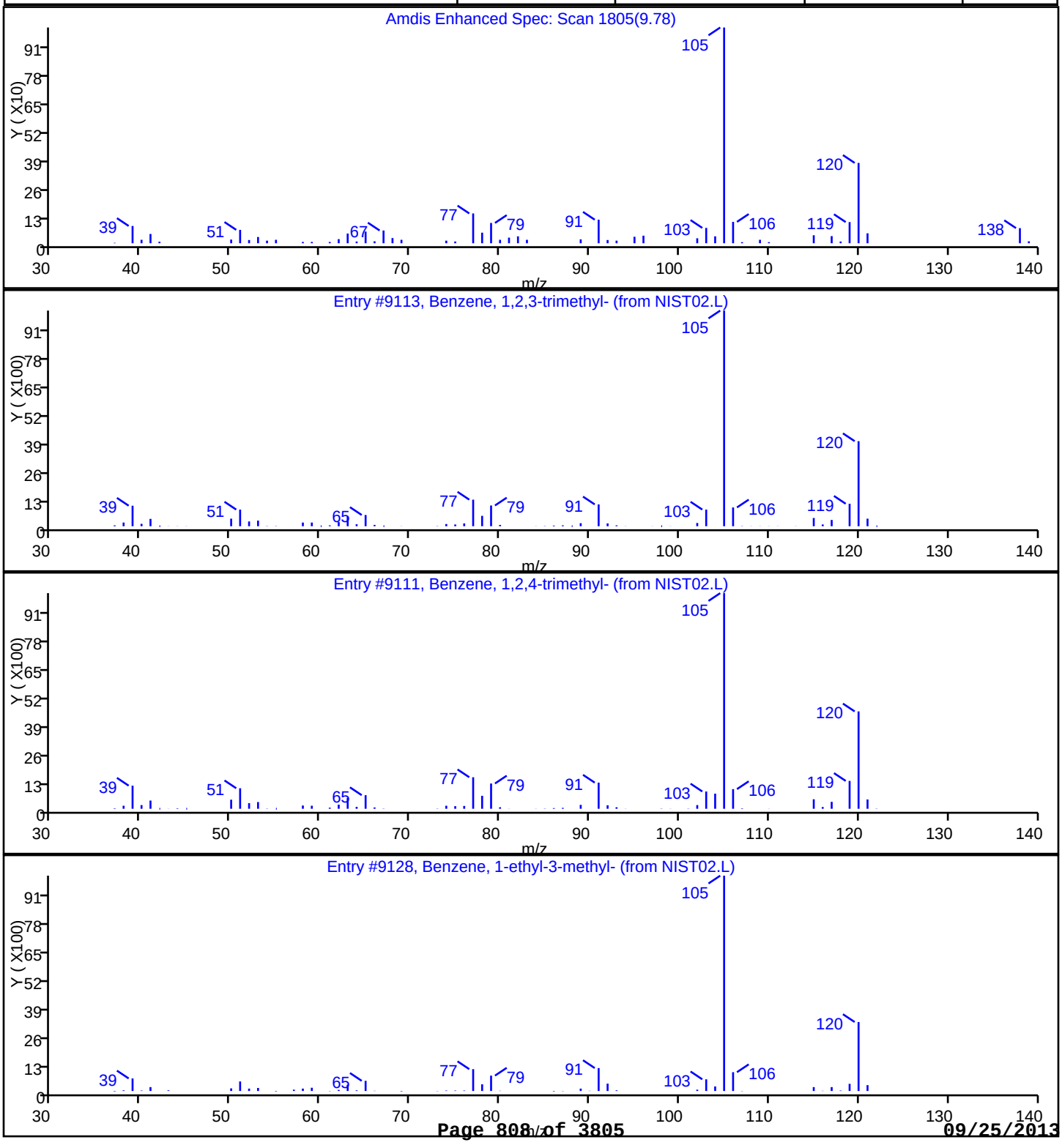
Client ID: PMP-19SE-VD Instrument ID: CVOAMS4

Lims Batch ID: 182082 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, 1,2,3-trimethyl-	526-73-8	NIST02.L	9113	94
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9111	93
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.L	9128	91



Report Date: 20-Sep-2013 07:10:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363134.D

Injection Date: 19-Sep-2013 12:17:30 Limit Group: VOA - 8260B Water and Solid

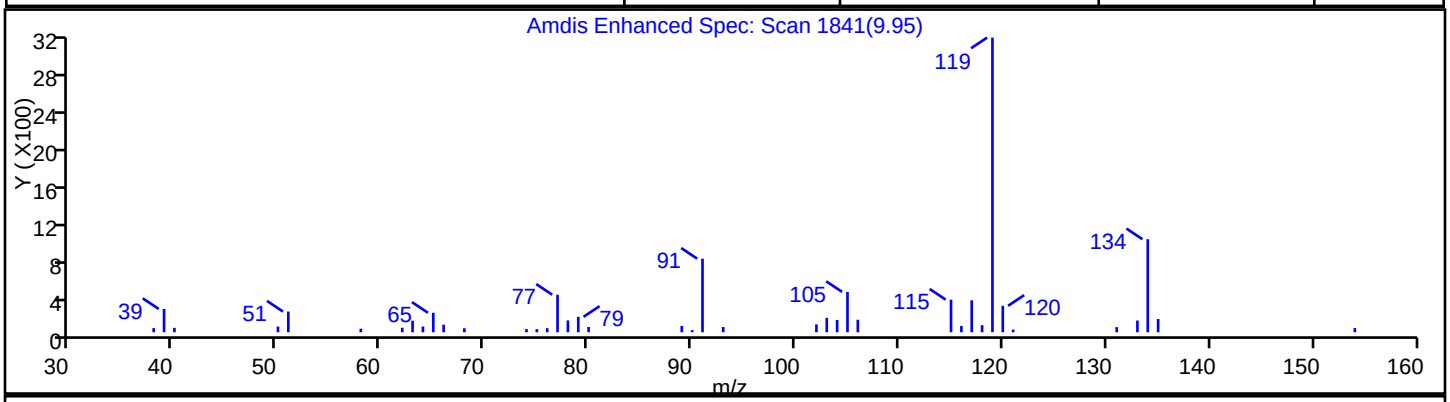
Client ID: PMP-19SE-VD Instrument ID: CVOAMS4

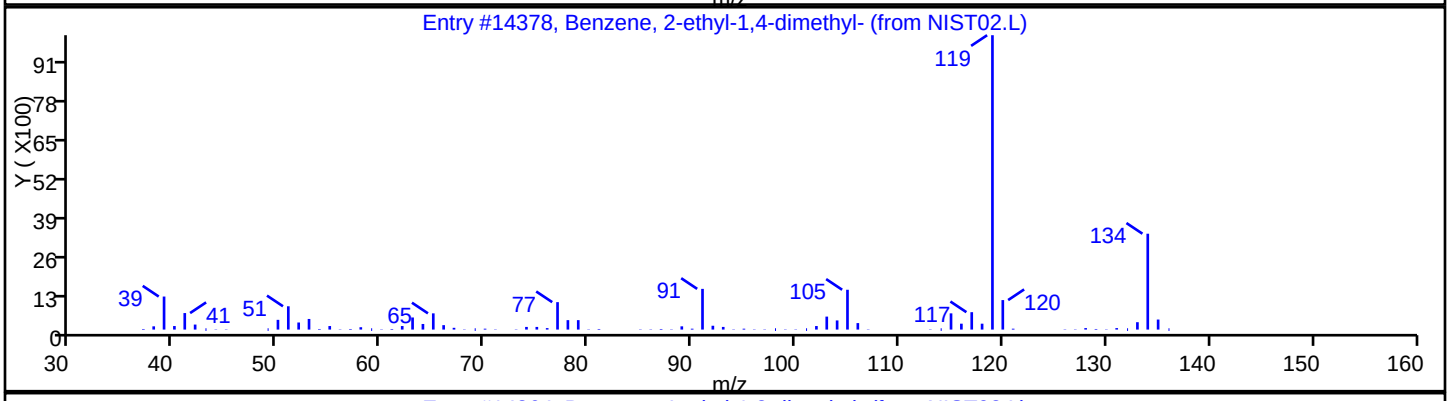
Lims Batch ID: 182082 Lims Sample ID: 22

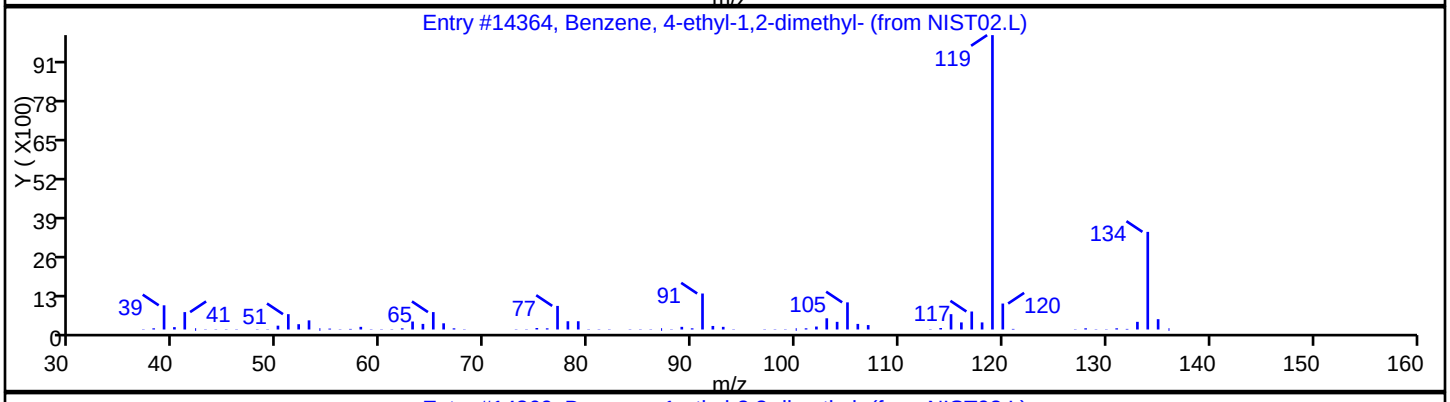
Operator ID: Purge Vol: 5.000 mL

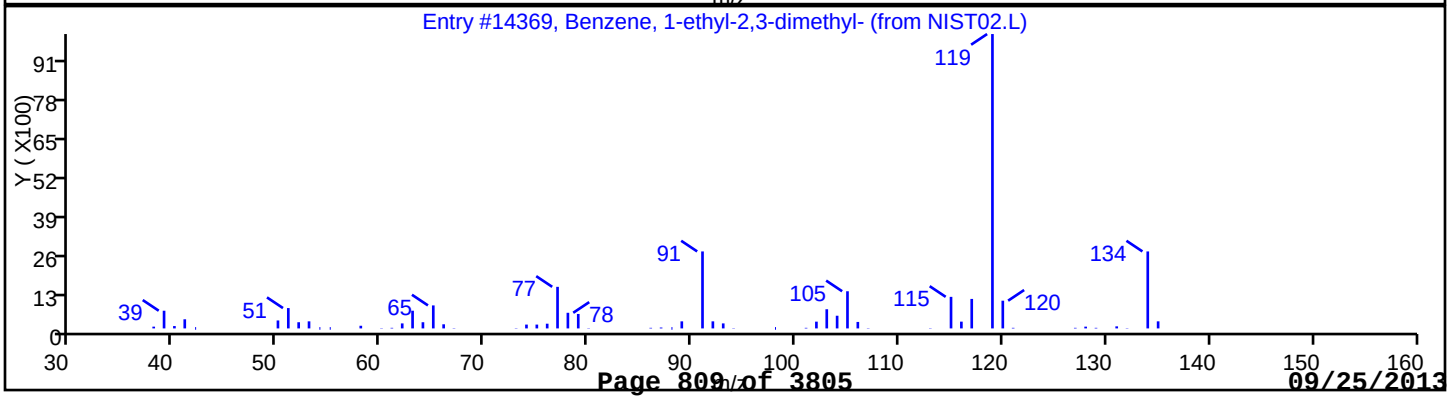
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.L	14378	94
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14364	94
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.L	14369	94









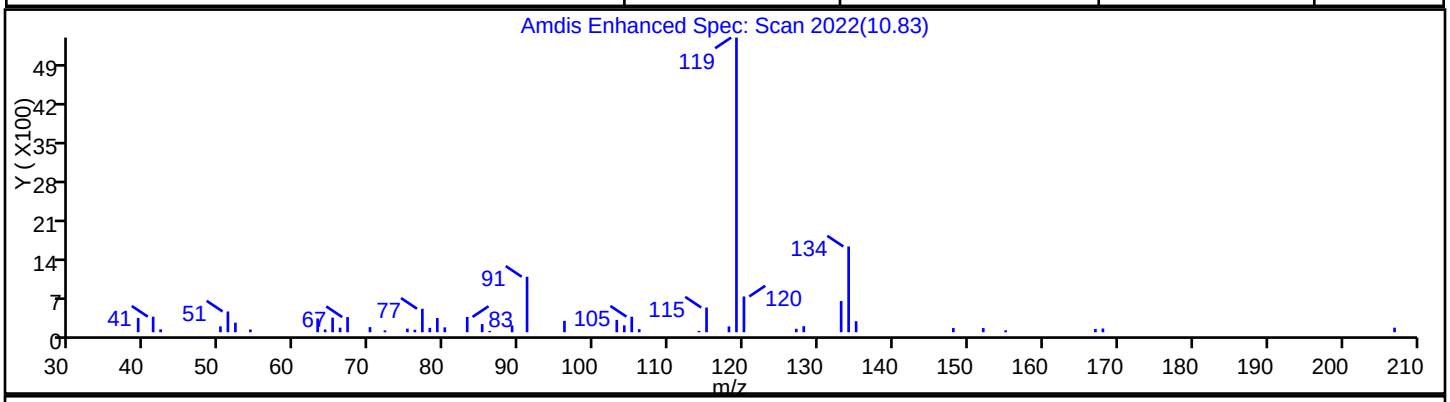
Report Date: 20-Sep-2013 07:10:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

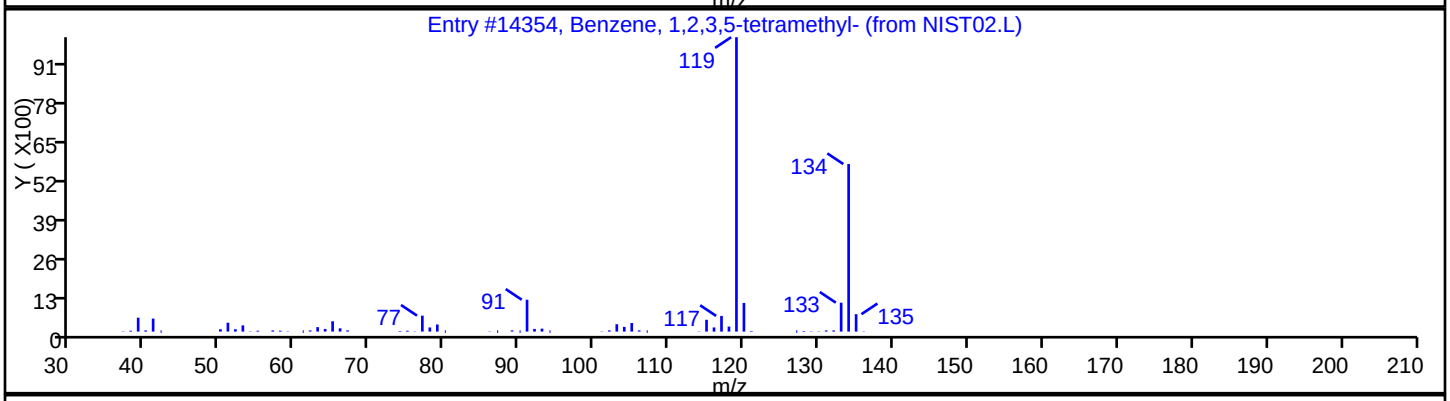
TestAmerica Edison

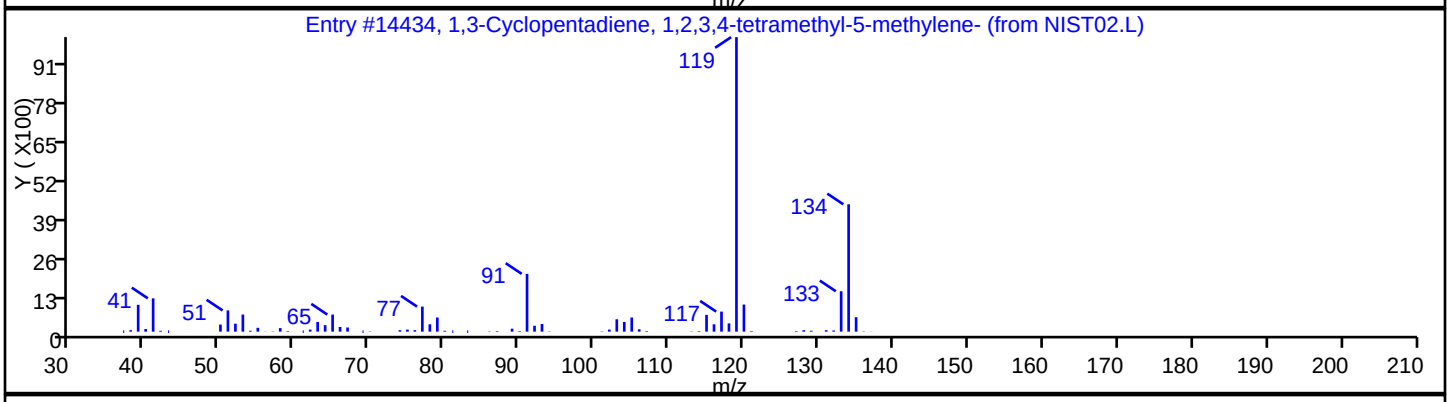
Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363134.D

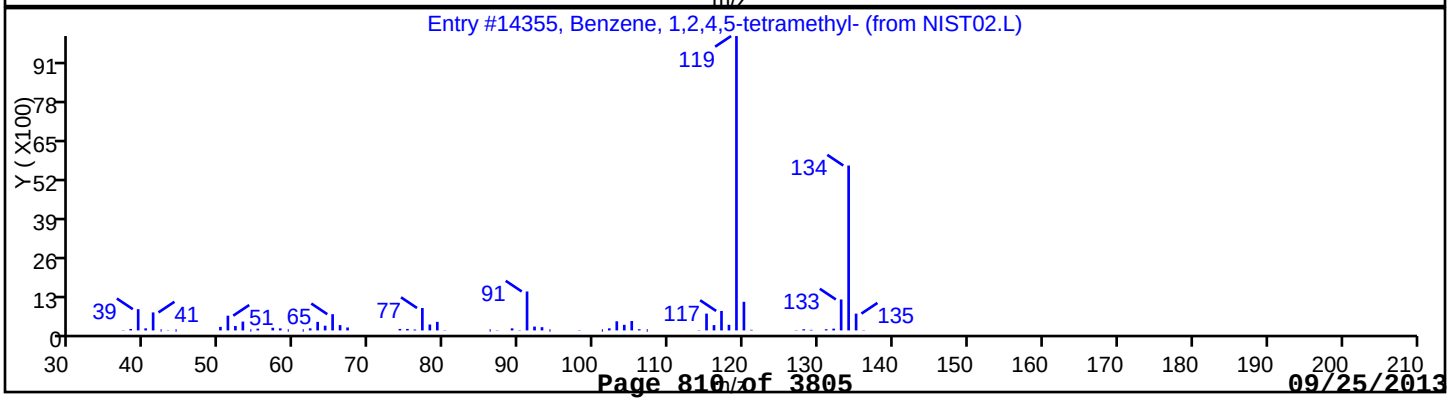
Injection Date:	19-Sep-2013 12:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14354	90
1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	76089-59-3	NIST02.L	14434	90
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14355	90









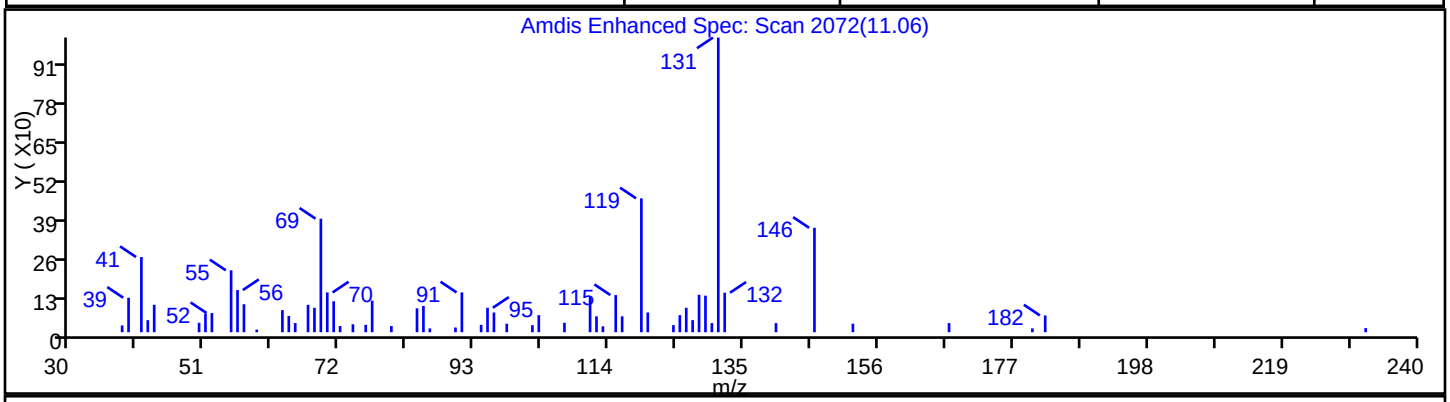
Report Date: 20-Sep-2013 07:10:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

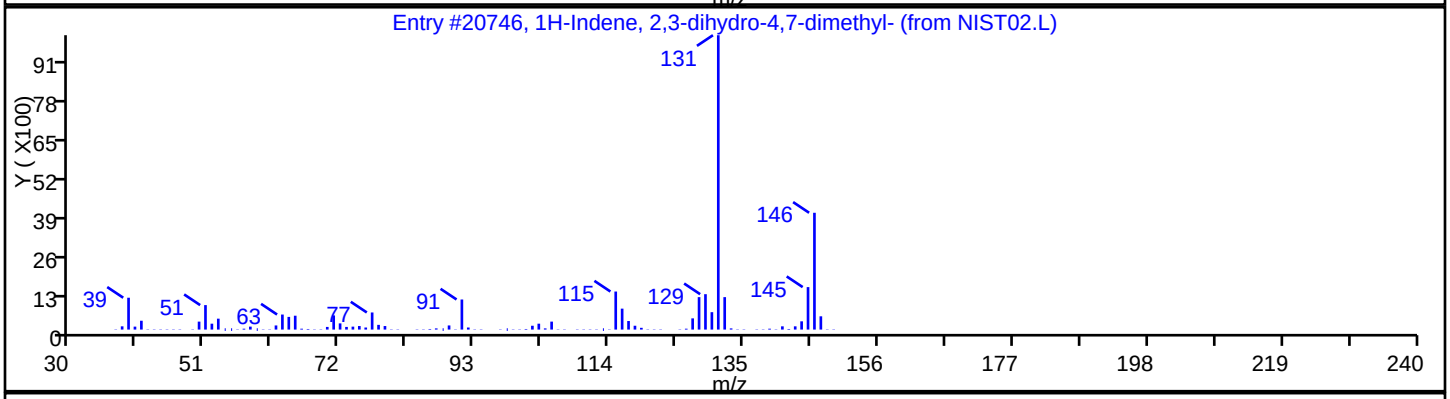
TestAmerica Edison

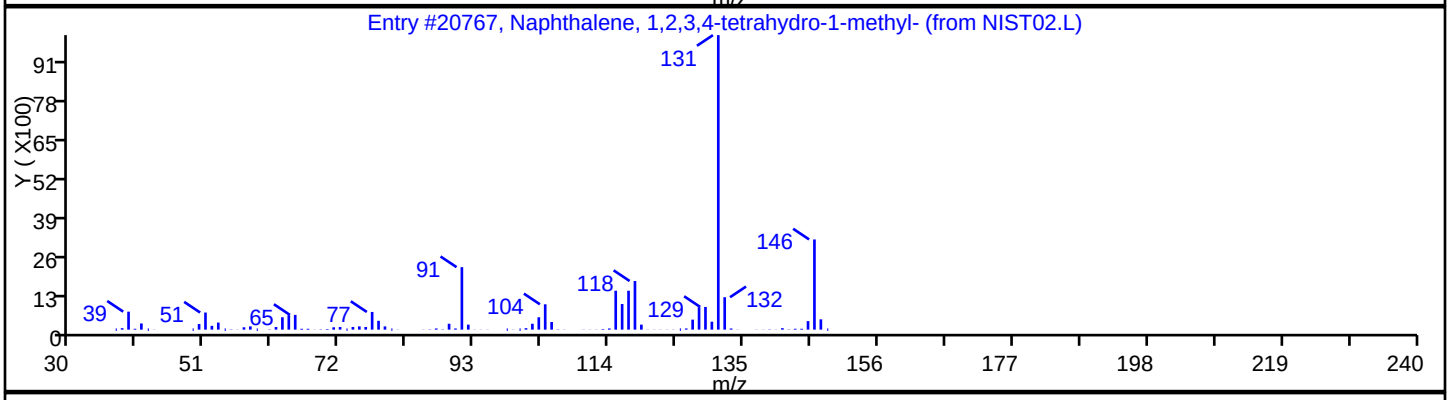
Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363134.D

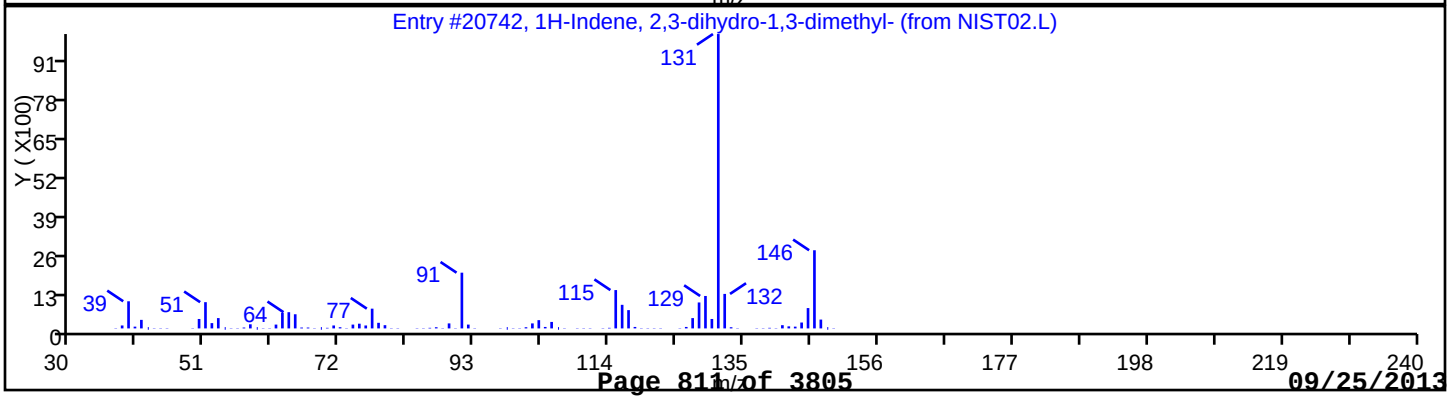
Injection Date:	19-Sep-2013 12:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20746	70
Naphthalene, 1,2,3,4-tetrahydro-1-methyl	1559-81-5	NIST02.L	20767	70
1H-Indene, 2,3-dihydro-1,3-dimethyl-	4175-53-5	NIST02.L	20742	70









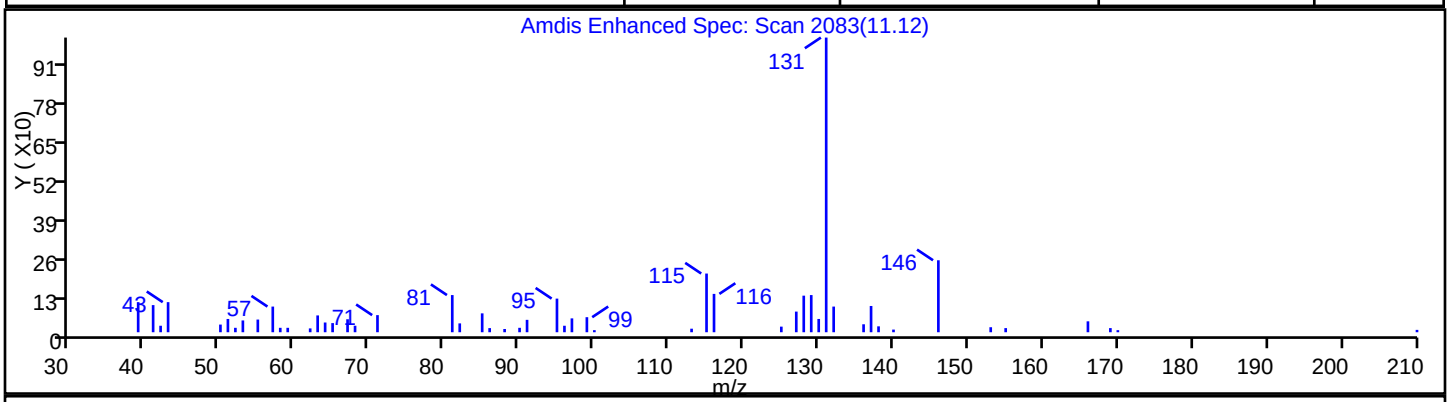
Report Date: 20-Sep-2013 07:10:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

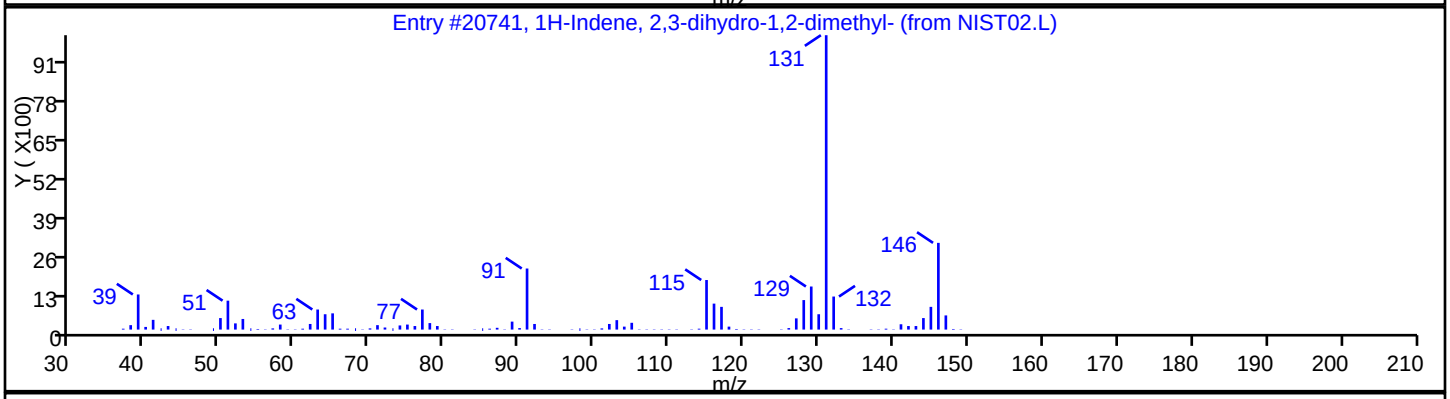
TestAmerica Edison

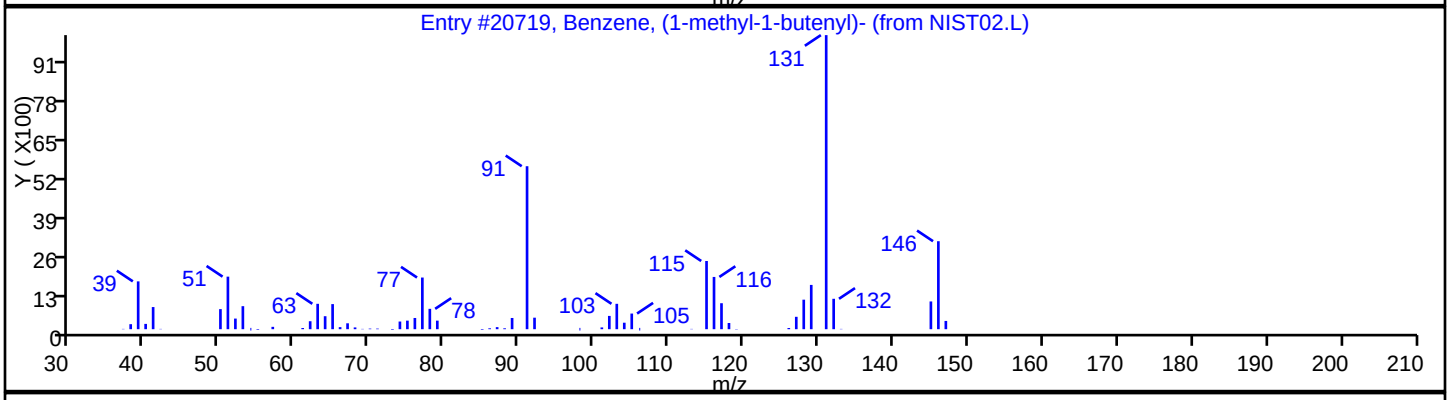
Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363134.D

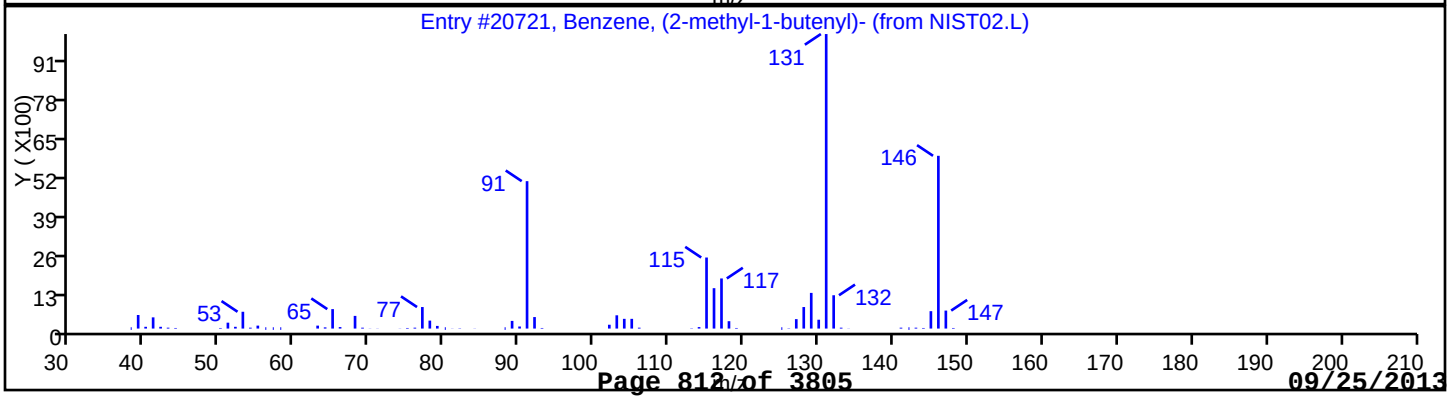
Injection Date:	19-Sep-2013 12:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene, 2,3-dihydro-1,2-dimethyl-	17057-82-8	NIST02.L	20741	87
Benzene, (1-methyl-1-butenyl)-	53172-84-2	NIST02.L	20719	83
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.L	20721	80



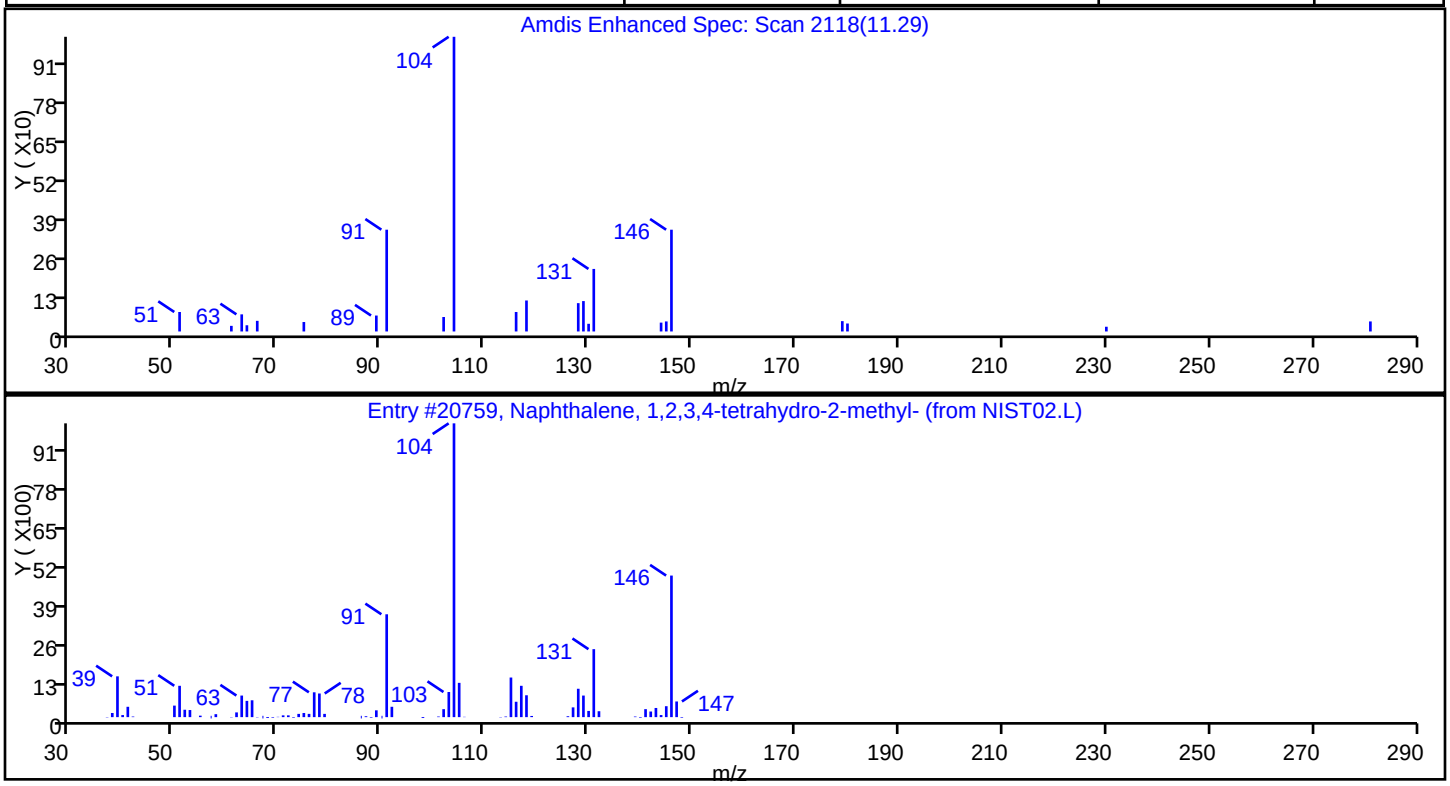






Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363134.D
Injection Date: 19-Sep-2013 12:17:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-19SE-VD Instrument ID: CVOAMS4
Lims Batch ID: 182082 Lims Sample ID: 22
Operator ID: Purge Vol: 5.000 mL
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 1,2,3,4-tetrahydro-2-methyl	3877-19-8	NIST02.L	20759	80

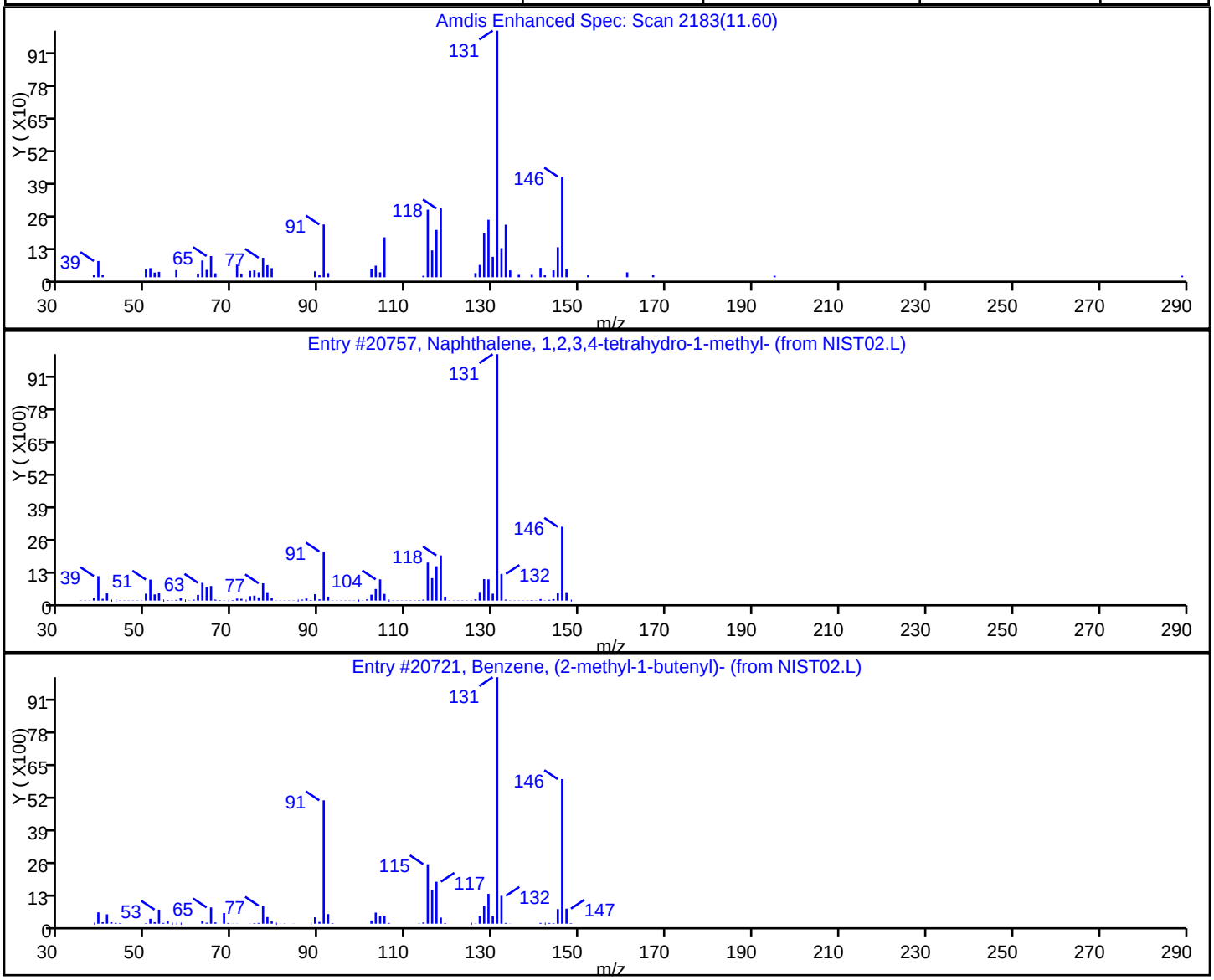


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363134.D

Injection Date:	19-Sep-2013 12:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	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
Naphthalene, 1,2,3,4-tetrahydro-1-methyl	1559-81-5	NIST02.L	20757	76
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.L	20721	70



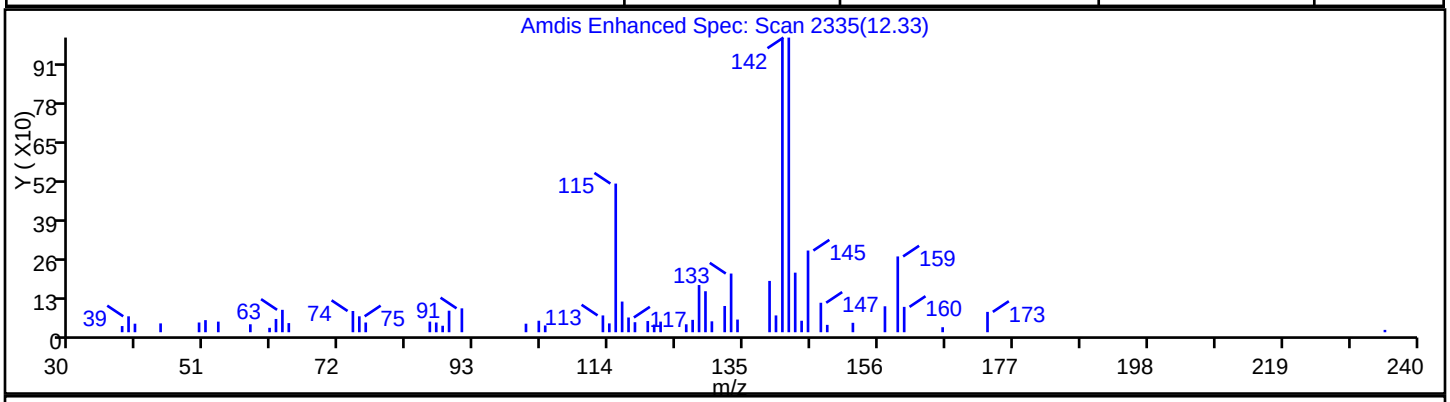
Report Date: 20-Sep-2013 07:10:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

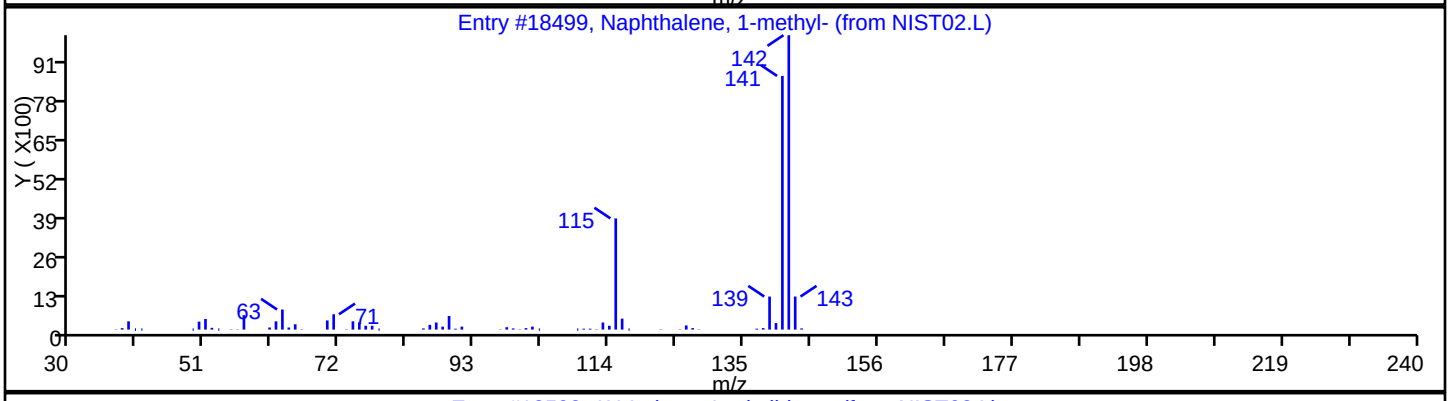
TestAmerica Edison

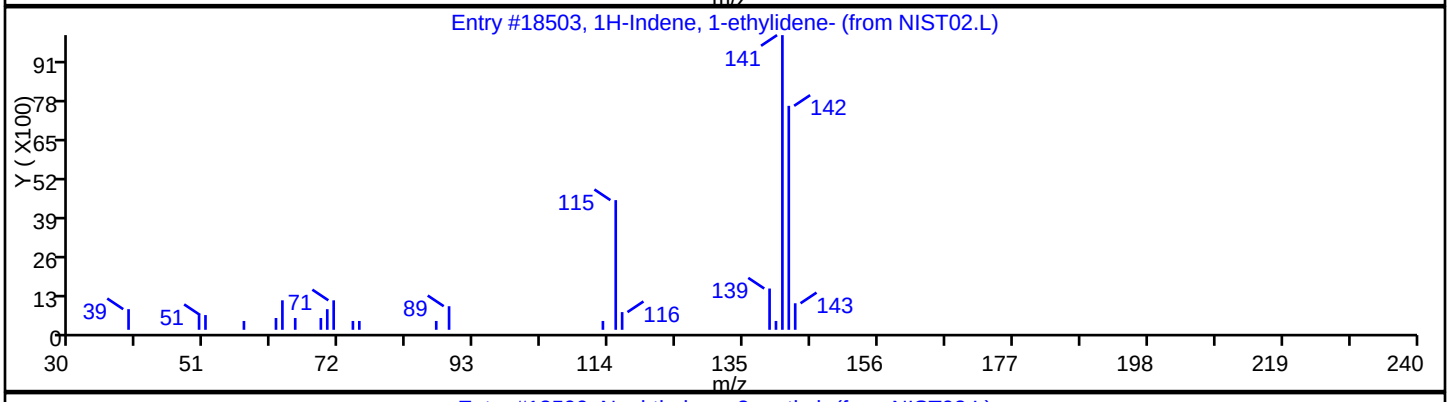
Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363134.D

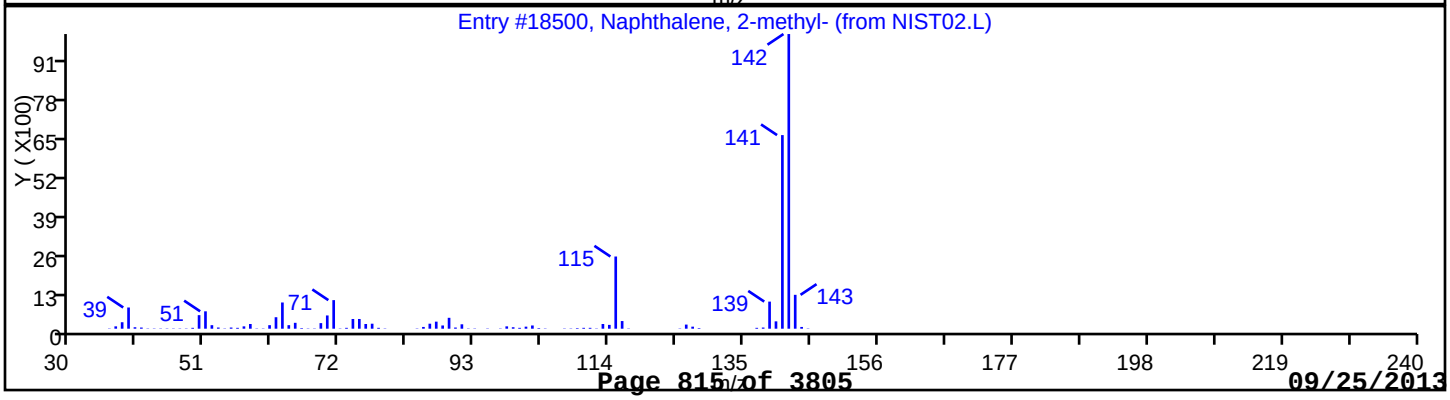
Injection Date:	19-Sep-2013 12:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	70
1H-Indene, 1-ethylidene-	2471-83-2	NIST02.L	18503	70
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18500	70









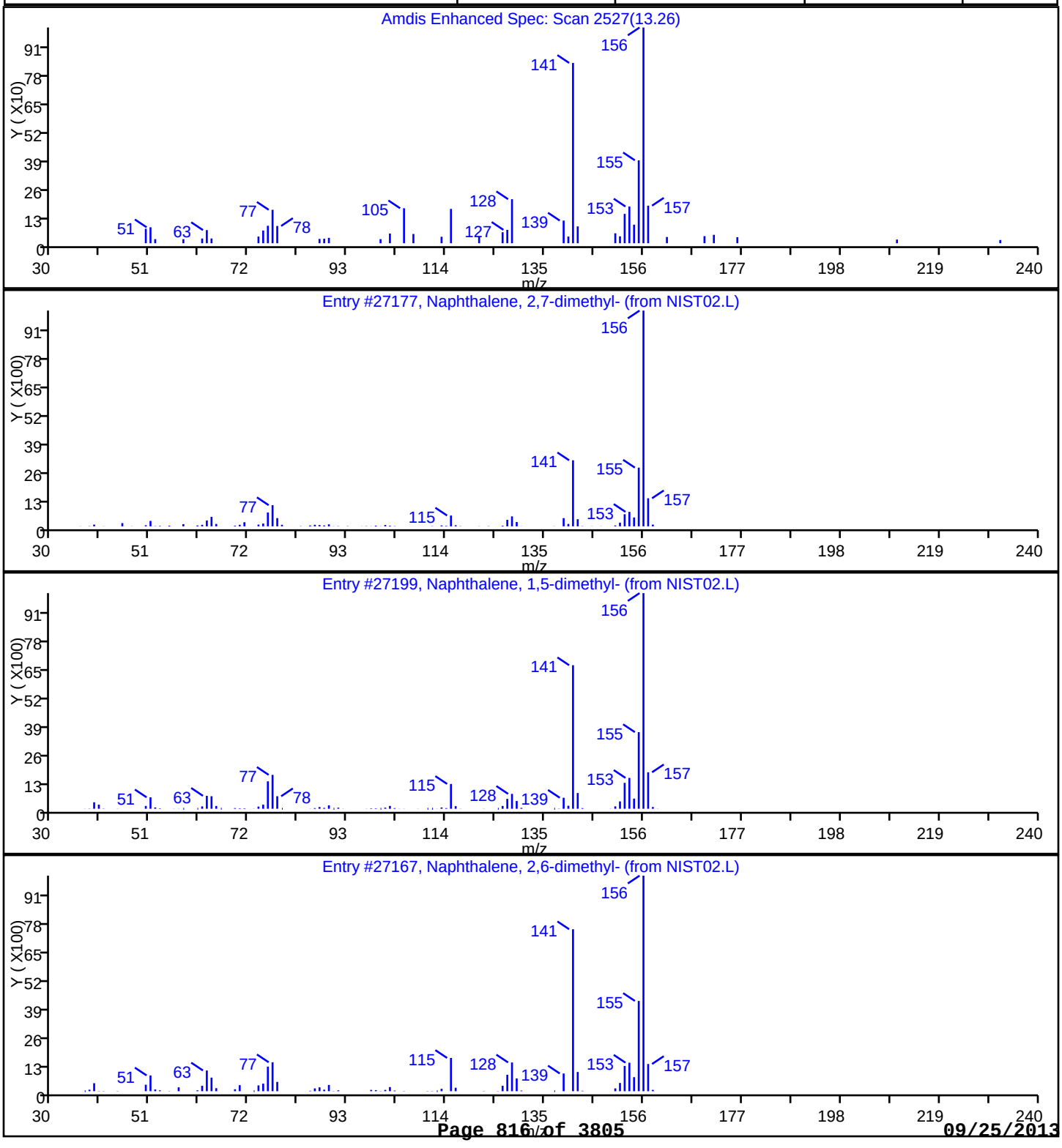
Report Date: 20-Sep-2013 07:10:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363134.D

Injection Date:	19-Sep-2013 12:17:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	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
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.L	27177	97
Naphthalene, 1,5-dimethyl-	571-61-9	NIST02.L	27199	94
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02.L	27167	93



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-WT | Lab Sample ID: 460-62968-6

Matrix: Solid | Lab File ID: B60682.D

Analysis Method: 8260B | Date Collected: 09/12/2013 09:25

Sample wt/vol: 5.897(g) | Date Analyzed: 09/19/2013 17:44

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

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	9.4	U	97	9.4
74-83-9	Bromomethane	18	U	97	18
75-01-4	Vinyl chloride	14	U	97	14
75-00-3	Chloroethane	16	U	97	16
75-09-2	Methylene Chloride	18	U	97	18
67-64-1	Acetone	260	U	490	260
75-15-0	Carbon disulfide	12	U	97	12
75-69-4	Trichlorofluoromethane	14	U	97	14
75-35-4	1,1-Dichloroethene	8.6	U	97	8.6
75-34-3	1,1-Dichloroethane	13	U	97	13
156-60-5	trans-1,2-Dichloroethene	13	U	97	13
156-59-2	cis-1,2-Dichloroethene	17	U	97	17
67-66-3	Chloroform	64	J	97	7.7
78-93-3	2-Butanone	230	U	490	230
107-06-2	1,2-Dichloroethane	18	U	97	18
71-55-6	1,1,1-Trichloroethane	6.1	U	97	6.1
56-23-5	Carbon tetrachloride	5.6	U	97	5.6
71-43-2	Benzene	8.0	U	97	8.0
75-25-2	Bromoform	19	U	97	19
100-42-5	Styrene	58	J	97	12
100-41-4	Ethylbenzene	9.3	U	97	9.3
108-90-7	Chlorobenzene	37	J	97	11
110-82-7	Cyclohexane	15	U	97	15
98-82-8	Isopropylbenzene	26	J	97	7.5
591-78-6	2-Hexanone	49	U	490	49
1634-04-4	MTBE	13	U	97	13
76-13-1	Freon TF	8.0	U	97	8.0
79-20-9	Methyl acetate	33	U	190	33
123-91-1	1,4-Dioxane	3500	U	4900	3500
79-01-6	Trichloroethene	12	J	97	9.0
108-88-3	Toluene	31	J	97	15
10061-02-6	trans-1,3-Dichloropropene	24	U	97	24
108-10-1	4-Methyl-2-pentanone	96	U	490	96
10061-01-5	cis-1,3-Dichloropropene	18	U	97	18
95-50-1	1,2-Dichlorobenzene	20	U	97	20
541-73-1	1,3-Dichlorobenzene	13	U	97	13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-WT | Lab Sample ID: 460-62968-6

Matrix: Solid | Lab File ID: B60682.D

Analysis Method: 8260B | Date Collected: 09/12/2013 09:25

Sample wt/vol: 5.897(g) | Date Analyzed: 09/19/2013 17:44

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

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	460		97	23
120-82-1	1,2,4-Trichlorobenzene	600		97	33
87-61-6	1,2,3-Trichlorobenzene	50	U	97	50
78-87-5	1,2-Dichloropropane	8.4	U	97	8.4
108-87-2	Methylcyclohexane	290	*	97	13
127-18-4	Tetrachloroethene	13	J	97	9.5
1330-20-7	Xylenes, Total	2100		290	35
96-12-8	1,2-Dibromo-3-Chloropropane	39	U *	97	39
79-34-5	1,1,2,2-Tetrachloroethane	15	U	97	15
79-00-5	1,1,2-Trichloroethane	18	U	97	18
124-48-1	Dibromochloromethane	19	U	97	19
106-93-4	1,2-Dibromoethane	27	U	97	27
75-71-8	Dichlorodifluoromethane	21	U	97	21
74-97-5	Bromochloromethane	27	U	97	27
75-27-4	Bromodichloromethane	12	U	97	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		75-135
2037-26-5	Toluene-d8 (Surr)	79		59-150
460-00-4	Bromofluorobenzene	86		72-133
1868-53-7	Dibromofluoromethane (Surr)	88		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-WT Lab Sample ID: 460-62968-6

Matrix: Solid Lab File ID: B60682.D

Analysis Method: 8260B Date Collected: 09/12/2013 09:25

Sample wt/vol: 5.897(g) Date Analyzed: 09/19/2013 17:44

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

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

Number TICs Found: 10 TIC Result Total: 97300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1678-92-8	Cyclohexane, propyl-	9.54	8700	J N
17301-94-9	Nonane, 4-methyl-	9.74	5800	J N
108-67-8	1,3,5-Trimethylbenzene	10.20	6200	
526-73-8	Benzene, 1,2,3-trimethyl-	10.85	23000	J N
105-05-5	p-Diethylbenzene	11.06	21000	
95-93-2	1,2,4,5-Tetramethylbenzene	11.67	8300	
76089-59-3	1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	11.71	4900	J N
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	12.03	8200	J N
4912-92-9	1H-Indene, 2,3-dihydro-1,1-dimethyl-	12.33	5500	J N
4175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethyl-	12.41	5700	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60682.D
Lims ID: 460-62968-A-6-A
Client ID: PMP-19SE-WT
Inject. Date: 19-Sep-2013 17:44:30
Dil. Factor: 50.0000
Sample Type: Client
Sample ID: 460-62968-A-6-A
Misc. Info.: 460-0004800-016
Operator:
Instrument ID: CVOAMS2
Purge Vol: 5.000 mL
ALS Bottle#: 15
Lims Batch ID: 182095
Lims Sample ID: 16
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\8260W_2.m
Last Update: 19-Sep-2013 18:26:38
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: baronm
Date: 19-Sep-2013 18:26:16

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	56	293753	1000.0	
32 Hexane	43	3.126	3.126	0.0	84	2440	1.04	
47 Chloroform	83	4.311	4.311	0.0	80	4505	0.6522	
$ 57 Dibromofluoromethane (Surr)	113	4.492	4.484	0.008	97	176484	44.2	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.887	0.0	97	275229	46.4	
* 58 Fluorobenzene	96	5.216	5.208	0.008	97	639880	50.0	
60 Trichloroethene	95	5.644	5.636	0.008	54	505	0.1228	
62 Methylcyclohexane	83	5.768	5.768	0.0	88	8394	3.00	
* 65 1,4-Dioxane-d8	96	6.072	6.064	0.008	91	36698	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.208	7.200	0.008	97	545502	39.7	
77 Toluene	91	7.290	7.282	0.008	61	4865	0.3189	
81 Tetrachloroethene	166	7.866	7.858	0.008	24	532	0.1317	
* 87 Chlorobenzene-d5	117	8.772	8.763	0.009	89	549813	50.0	
88 Chlorobenzene	112	8.805	8.788	0.017	34	4114	0.3836	
91 m-Xylene & p-Xylene	106	9.002	8.994	0.008	97	17426	2.73	
92 o-Xylene	106	9.364	9.356	0.008	89	117766	18.8	
93 Styrene	104	9.364	9.389	-0.025	47	6592	0.6003	
96 Isopropylbenzene	105	9.685	9.677	0.008	46	4301	0.2652	
$ 97 4-Bromofluorobenzene	174	9.858	9.858	0.0	90	233838	43.2	
101 N-Propylbenzene	91	10.031	10.039	-0.008	36	12853	0.6686	
106 1,3,5-Trimethylbenzene	105	10.195	10.195	0.0	86	850998	63.4	
110 1,2,4-Trimethylbenzene	105	10.508	10.500	0.008	96	87401	6.07	
111 sec-Butylbenzene	105	10.632	10.632	0.0	90	87701	6.09	
112 4-Isopropyltoluene	119	10.755	10.747	0.008	89	316906	25.3	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	95	311222	50.0	
116 1,4-Dichlorobenzene	146	10.837	10.829	0.008	33	42802	4.73	
119 2,3-Dihydroindene	117	11.010	11.010	0.0	51	302754	20.2	
120 p-Diethylbenzene	119	11.060	11.051	0.009	84	1598902	211.7	
123 1,2,4,5-Tetramethylbenzene	119	11.669	11.669	0.001	94	1036839	85.1	
127 1,2,4-Trichlorobenzene	180	12.368	12.368	0.0	5	28344	6.14	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
130 Naphthalene	128	12.582	12.582	0.0	64	65366	6.26	
S 134 Xylenes, Total	100				0		21.5	
S 147 Total BTEX	1				0		21.8	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60682.D		
Lims ID:	460-62968-A-6-A	Client ID:	PMP-19SE-WT
Inject. Date:	19-Sep-2013 17:44:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62968-A-6-A		
Misc. Info.:	460-0004800-016		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	15
Lims Batch ID:	182095	Lims Sample ID:	16
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\8260W_2.m		
Last Update:	19-Sep-2013 18:26:38	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:	XAWRK003		
First Level Reviewer: baronm		Date:	19-Sep-2013 18:26:16

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	1678-92-8 Cyclohexane, propyl-					
9.537	3991608	89.2	87	86	11171	
	17301-94-9 Nonane, 4-methyl-					
9.743	2647423	59.2	87	90	18435	
	611-14-3 Benzene, 1-ethyl-2-methyl-					
10.360	9432654	45.3	115	94	9130	
	526-73-8 Benzene, 1,2,3-trimethyl-					
10.854	10421229	232.9	87	76	9116	
	535-77-3 Benzene, 1-methyl-3-(1-methylethyl)-					
11.306	9609850	46.1	115	93	14402	
	1560-06-1 Benzene, 2-butenyl-					
11.463	10266147	49.3	115	80	13573	
	76089-59-3 1,3-Cyclopentadiene, 1,2,3,4-tetramethyl					
11.710	10454354	50.2	115	95	14434	
	1758-88-9 Benzene, 2-ethyl-1,4-dimethyl-					
12.031	17552285	84.2	115	81	14365	
	4912-92-9 1H-Indene, 2,3-dihydro-1,1-dimethyl-					
12.327	11852212	56.9	115	90	20747	I
	4175-53-5 1H-Indene, 2,3-dihydro-1,3-dimethyl-					
12.409	12174059	58.4	115	81	20742	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 87 Chlorobenzene-d5	8.772	2236958	50.0
* 115 1,4-Dichlorobenzene-d4	10.854	10421229	50.0

QC Flag Legend

Processing Flags

Review Flags
l - User Selected Library Match

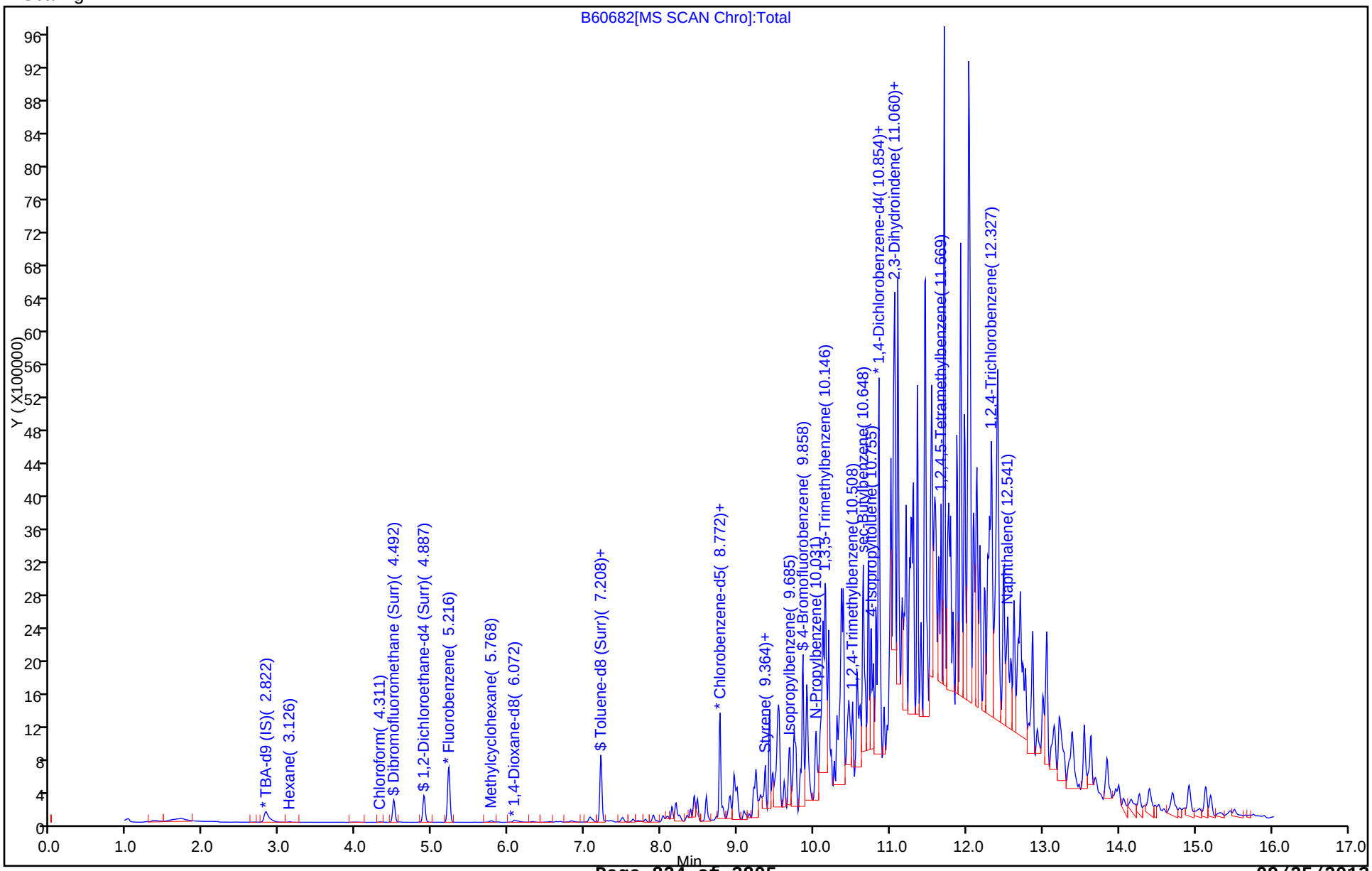
Report Date: 19-Sep-2013 18:26:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60682.D

Injection Date:	19-Sep-2013 17:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



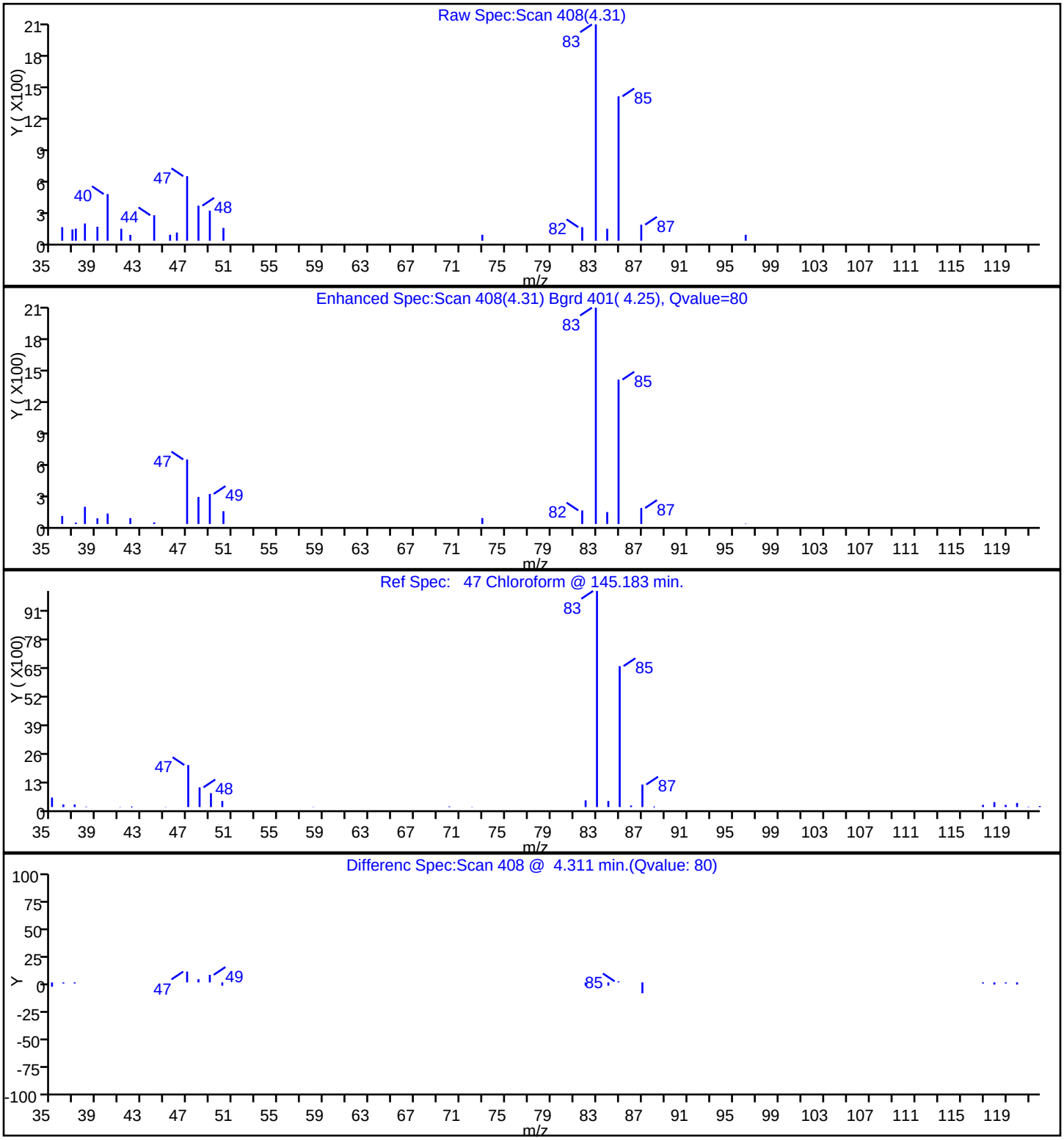
Report Date: 19-Sep-2013 18:26:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60682.D

Injection Date:	19-Sep-2013 17:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



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TestAmerica Edison

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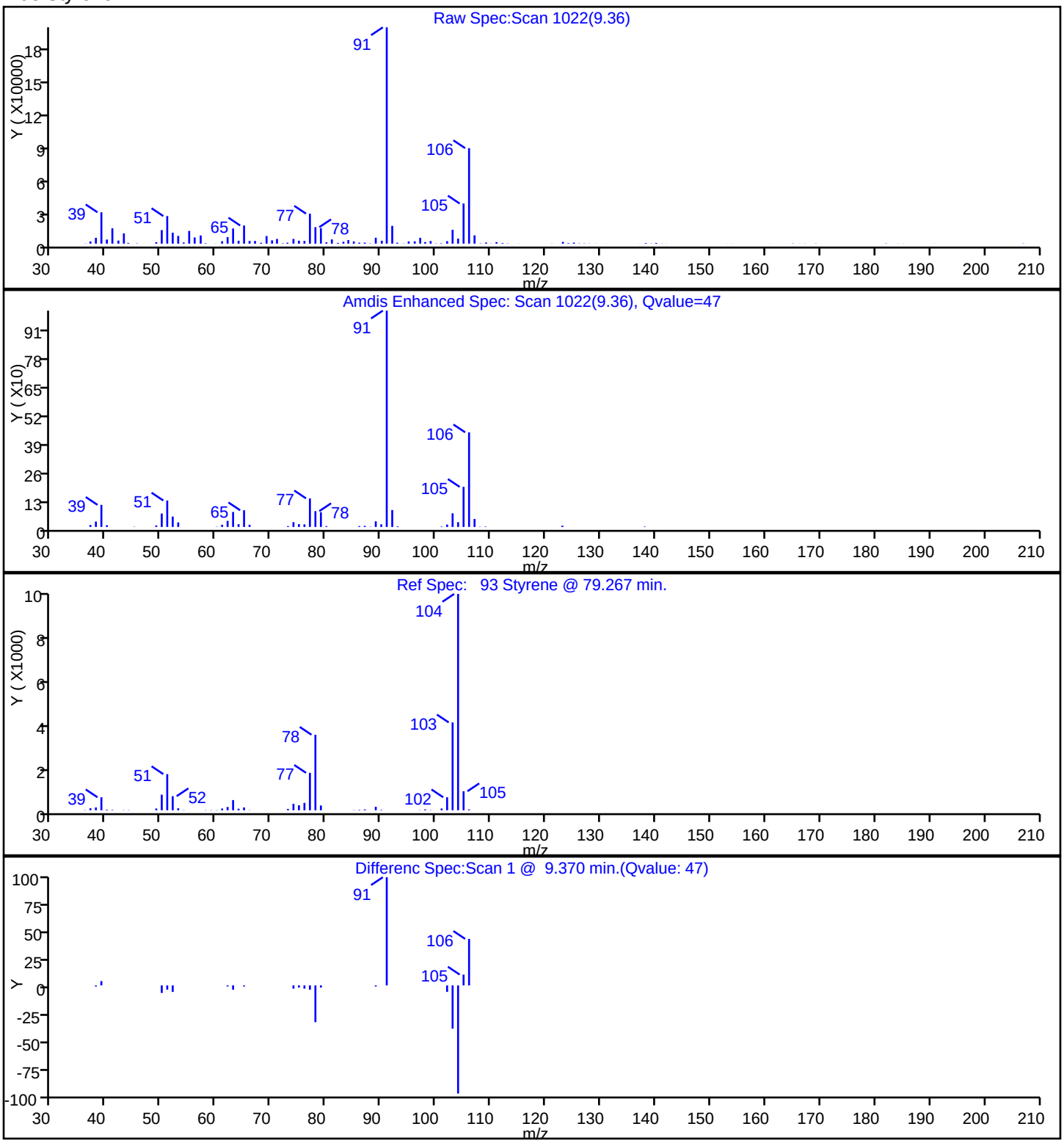
Injection Date:	19-Sep-2013 17:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

93 Styrene



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TestAmerica Edison

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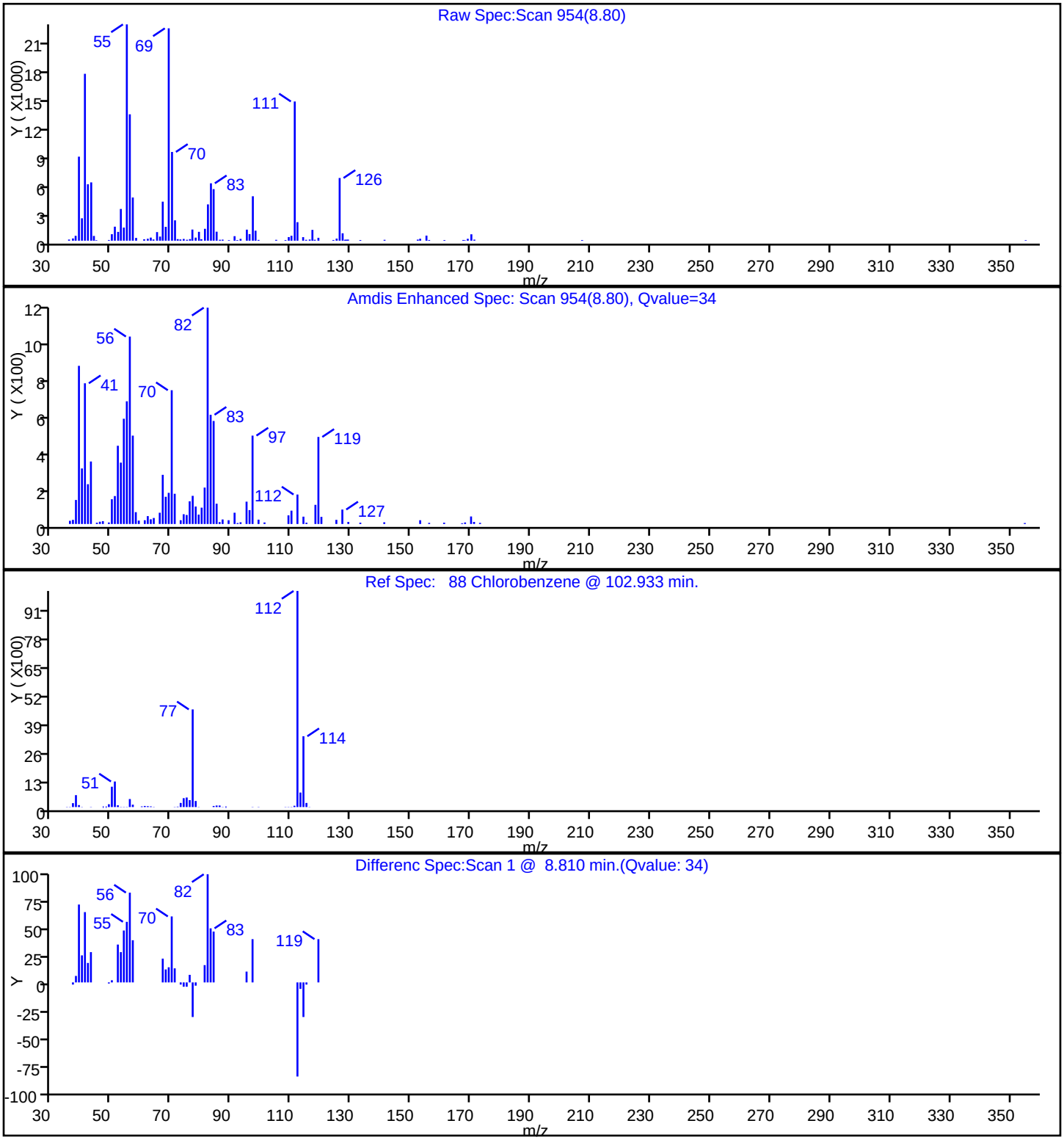
Injection Date:	19-Sep-2013 17:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

88 Chlorobenzene



TestAmerica Edison

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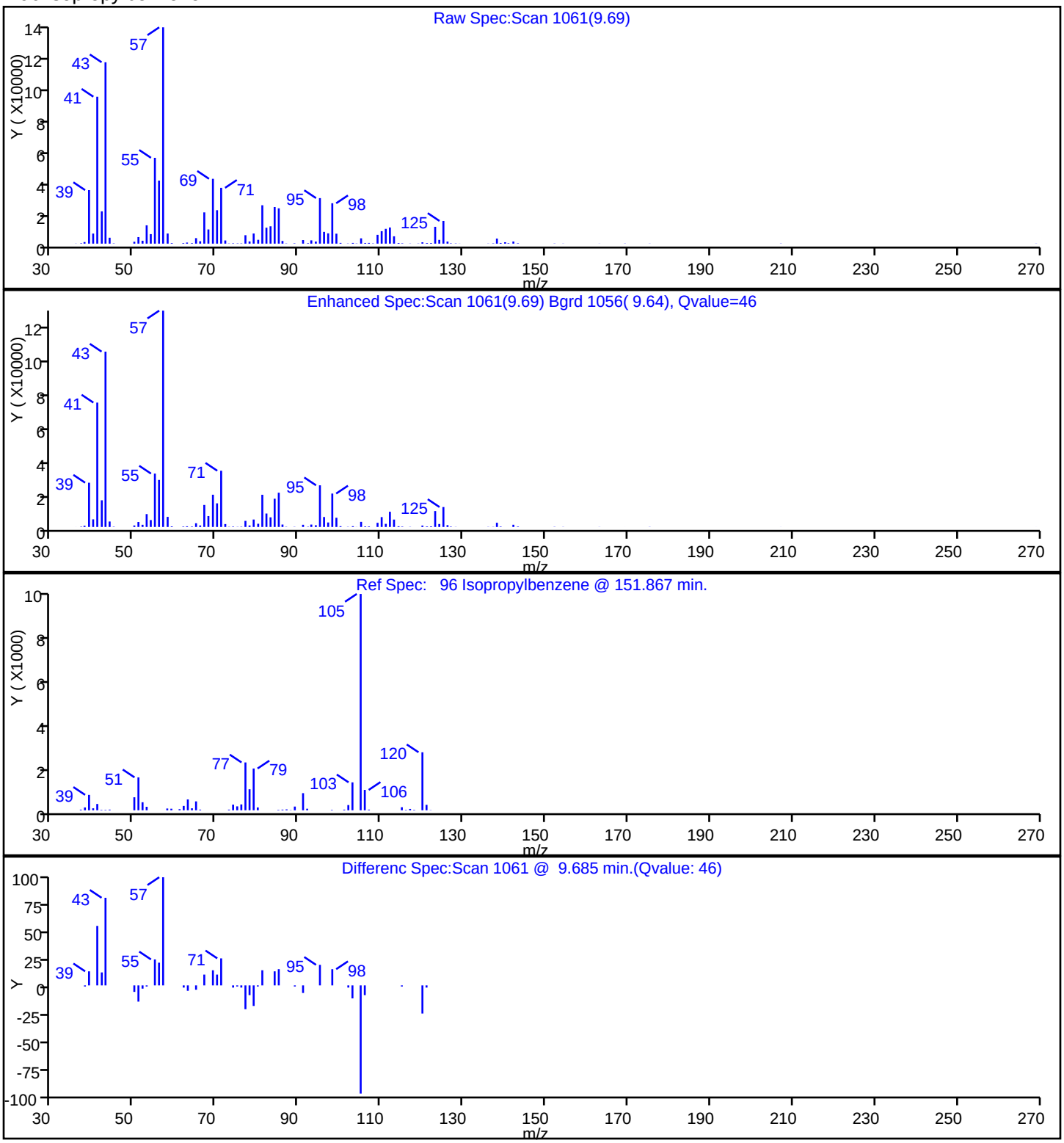
Client ID:	PMP-19SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

96 Isopropylbenzene



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TestAmerica Edison

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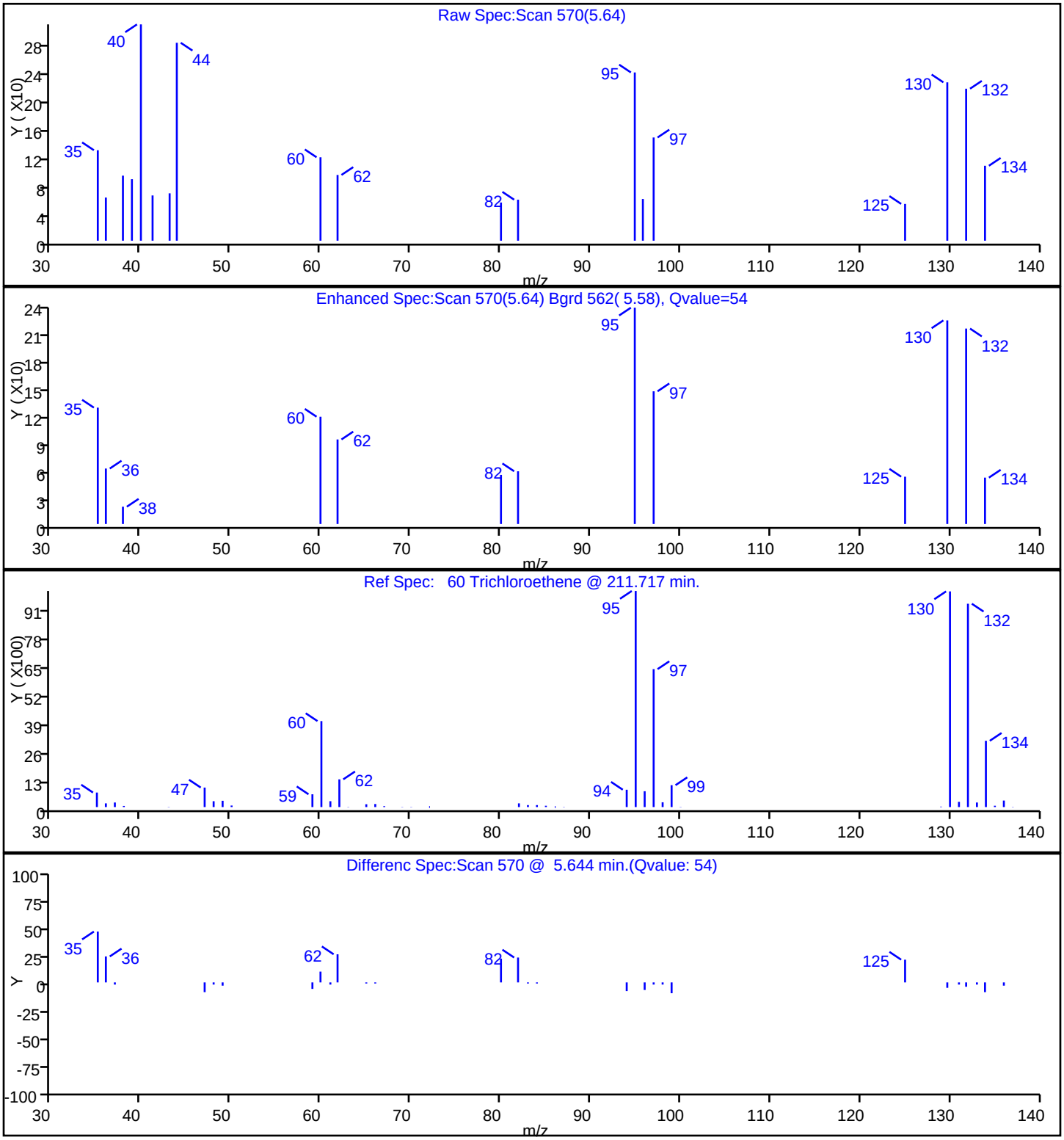
Client ID:	PMP-19SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

60 Trichloroethene



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TestAmerica Edison

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Lims Batch ID:	182095	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
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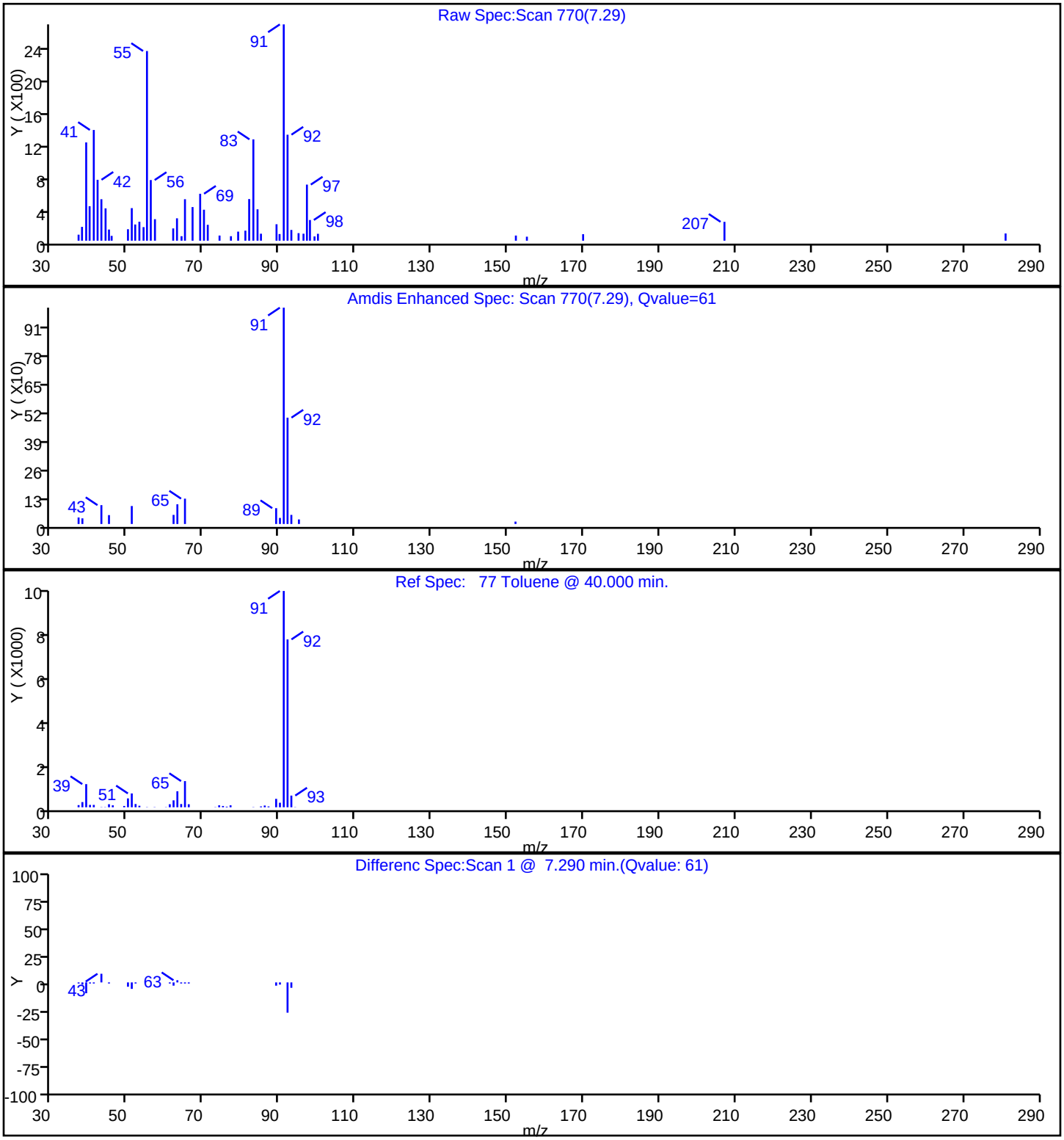
77 Toluene



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TestAmerica Edison

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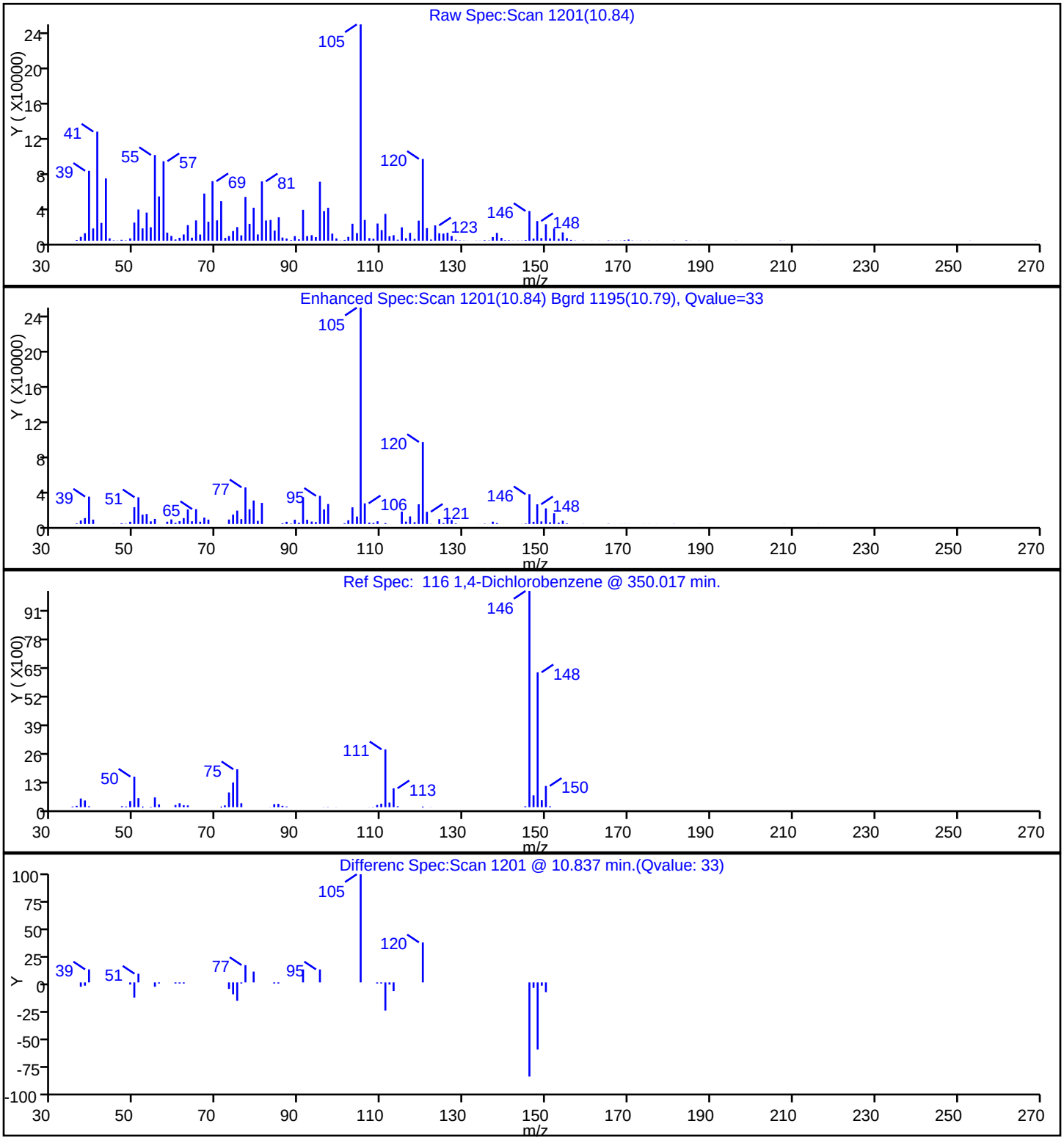
Client ID:	PMP-19SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

116 1,4-Dichlorobenzene



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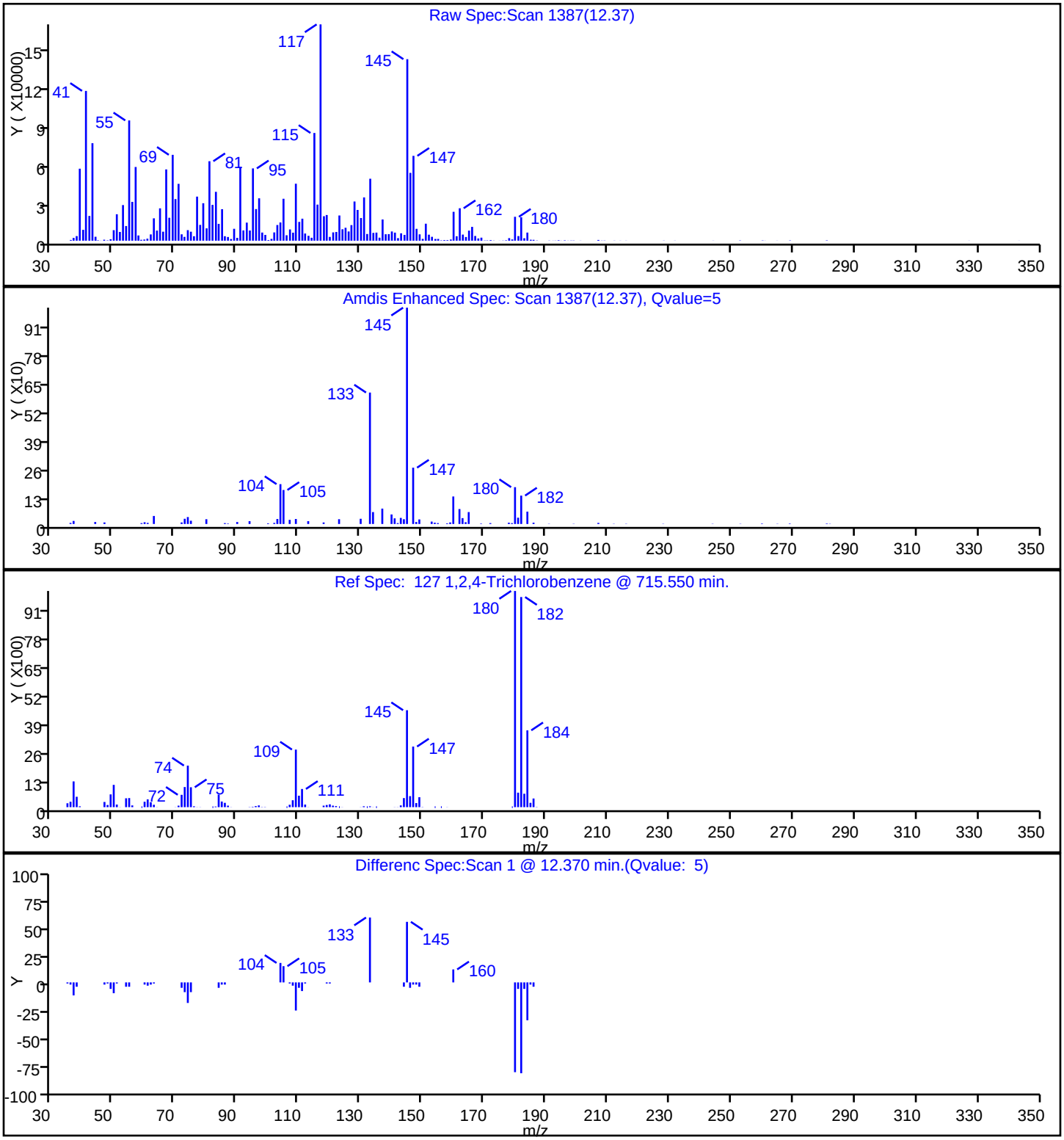
Lims Batch ID:	182095	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

127 1,2,4-Trichlorobenzene



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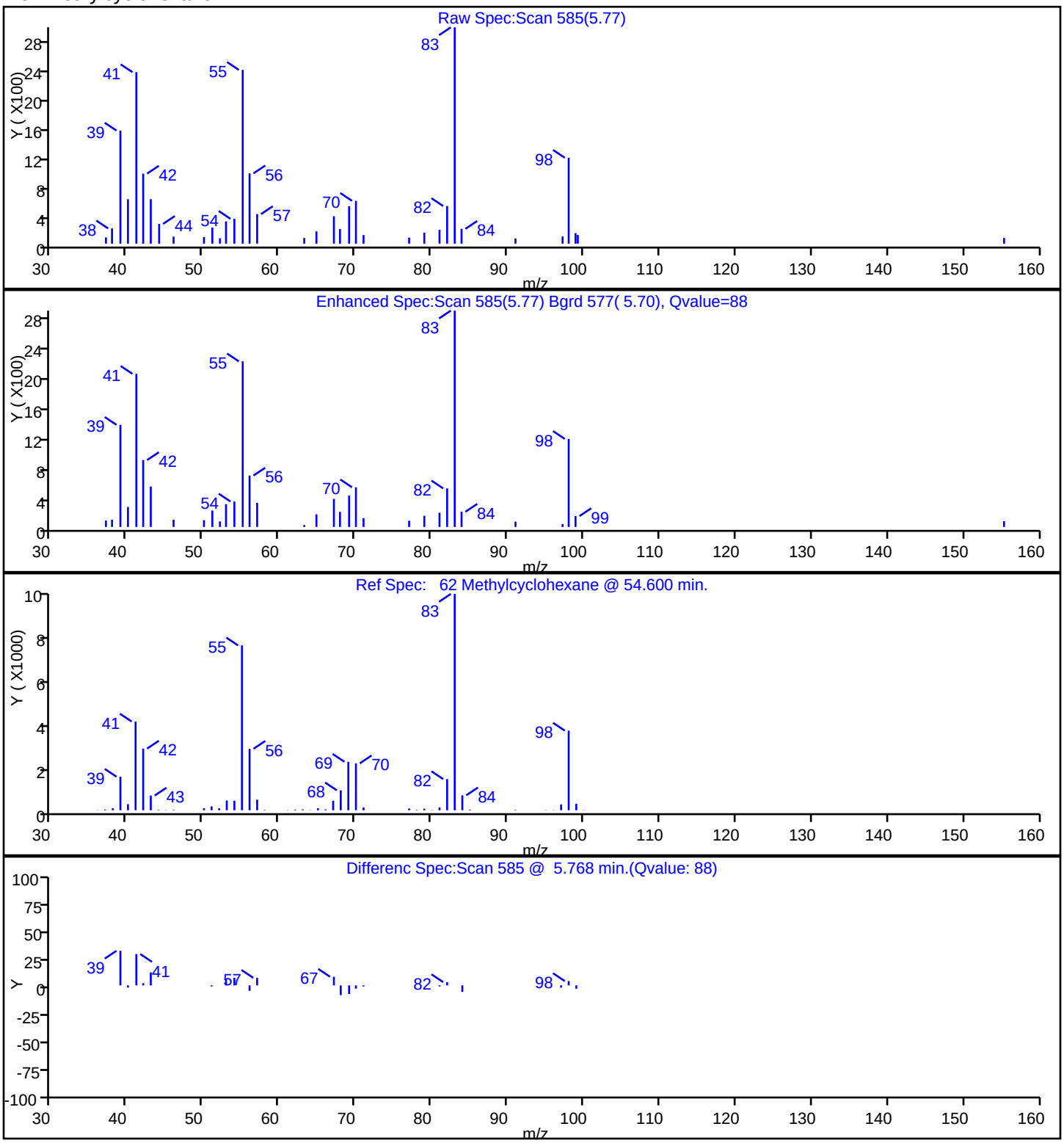
Lims Batch ID:	182095	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

62 Methylcyclohexane



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TestAmerica Edison

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Lims Batch ID:	182095	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
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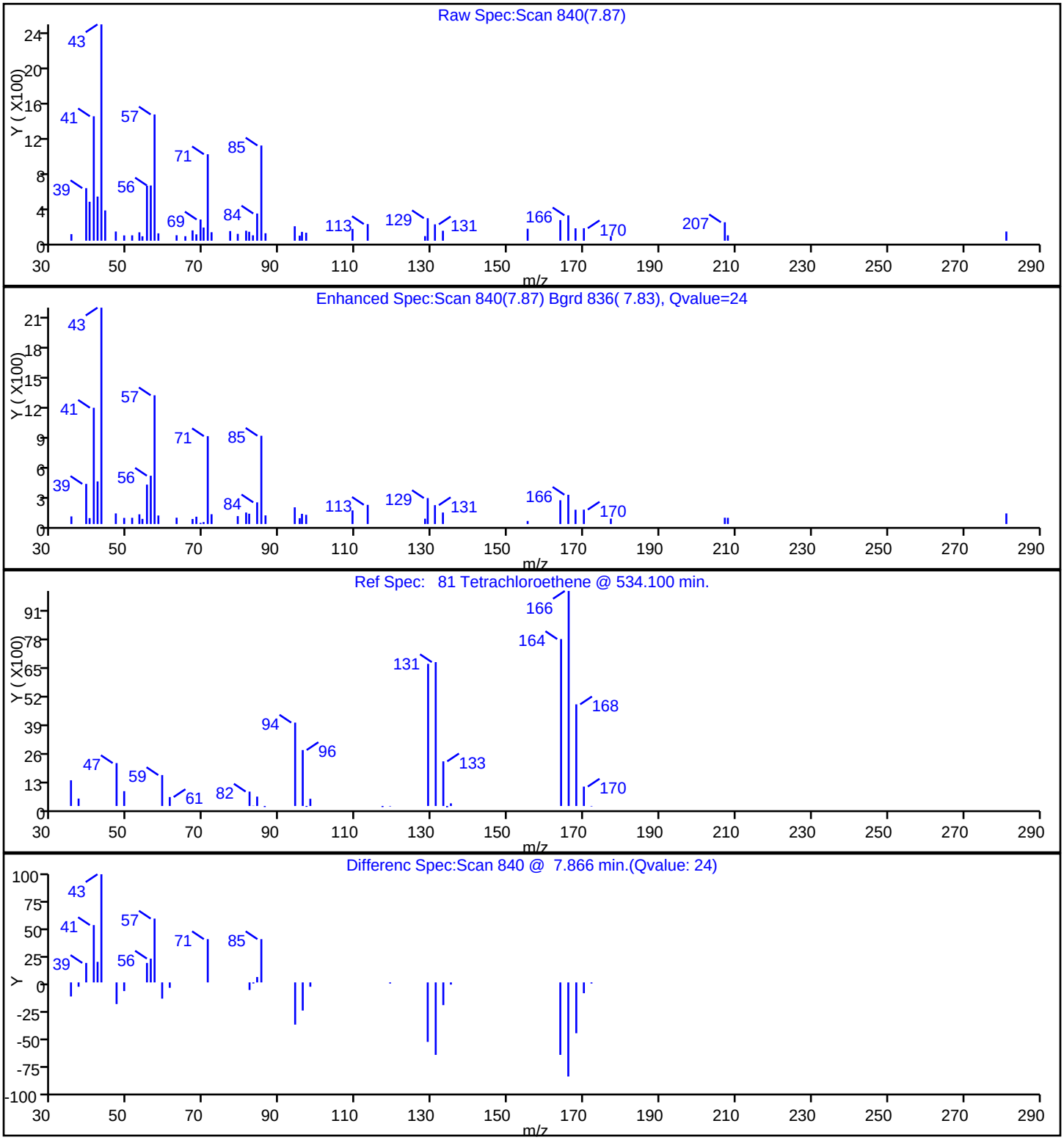
81 Tetrachloroethene



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Lims Batch ID:	182095	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
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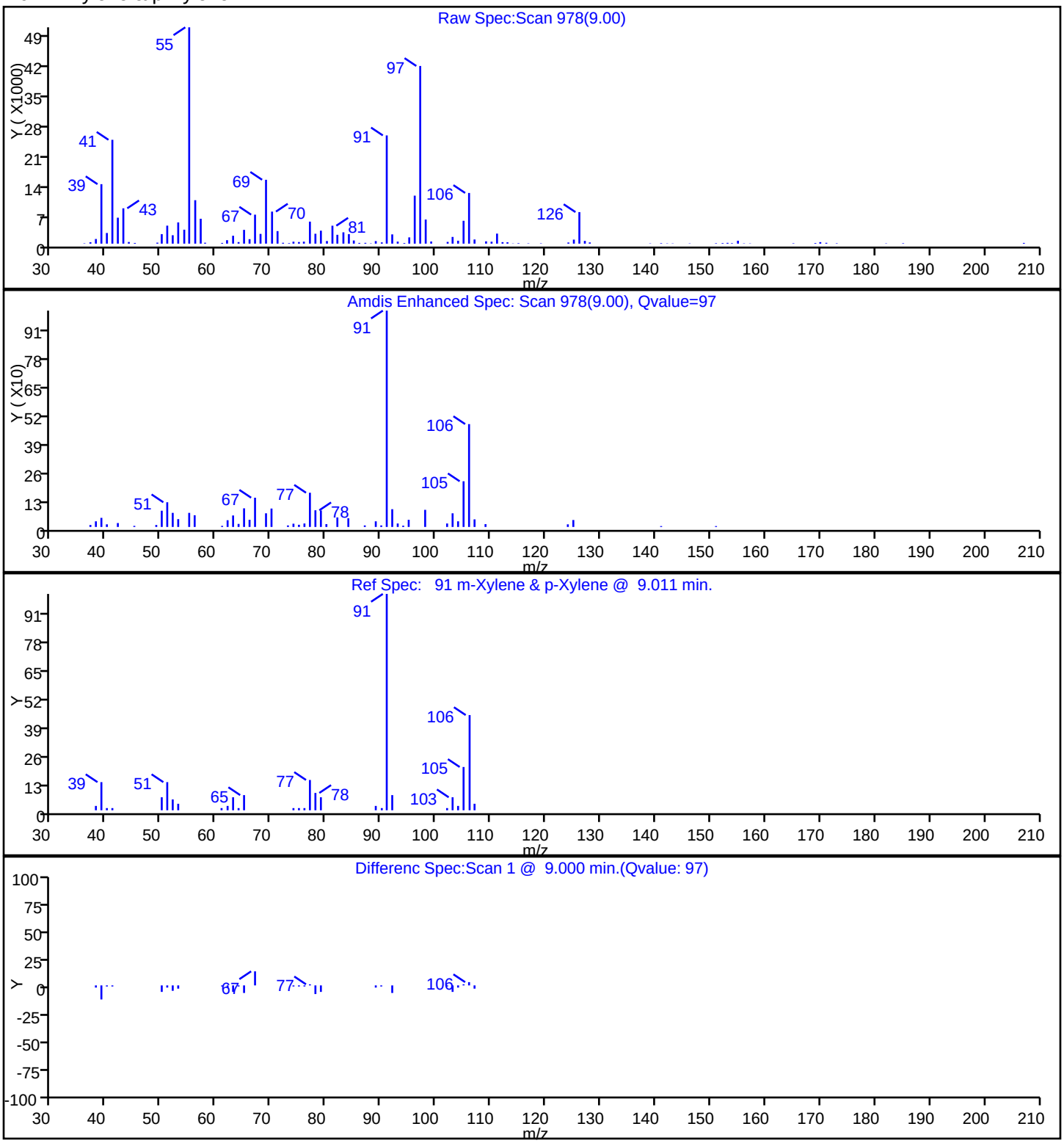
91 m-Xylene & p-Xylene



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Lims Batch ID:	182095	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
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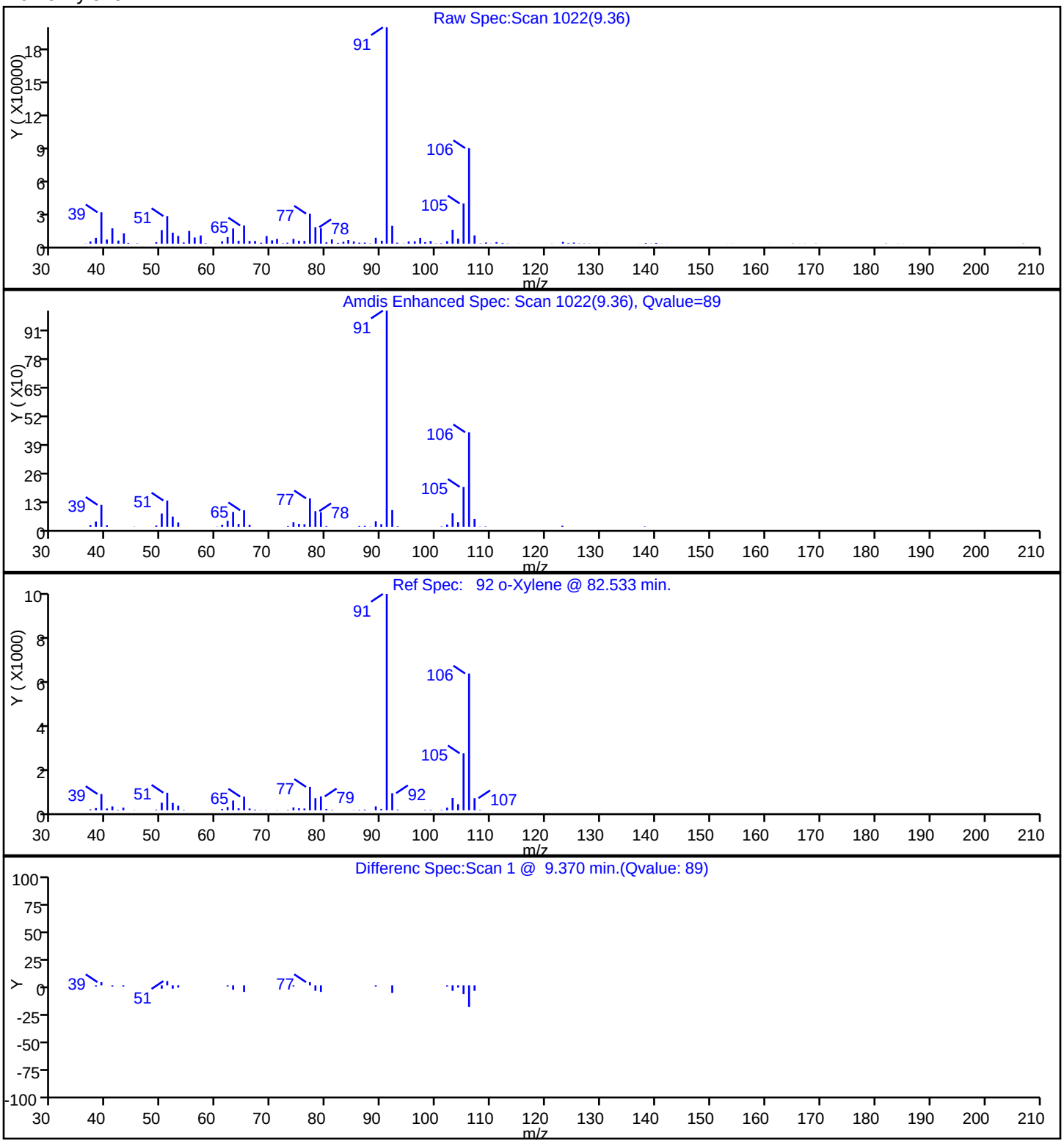
92 o-Xylene



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TestAmerica Edison

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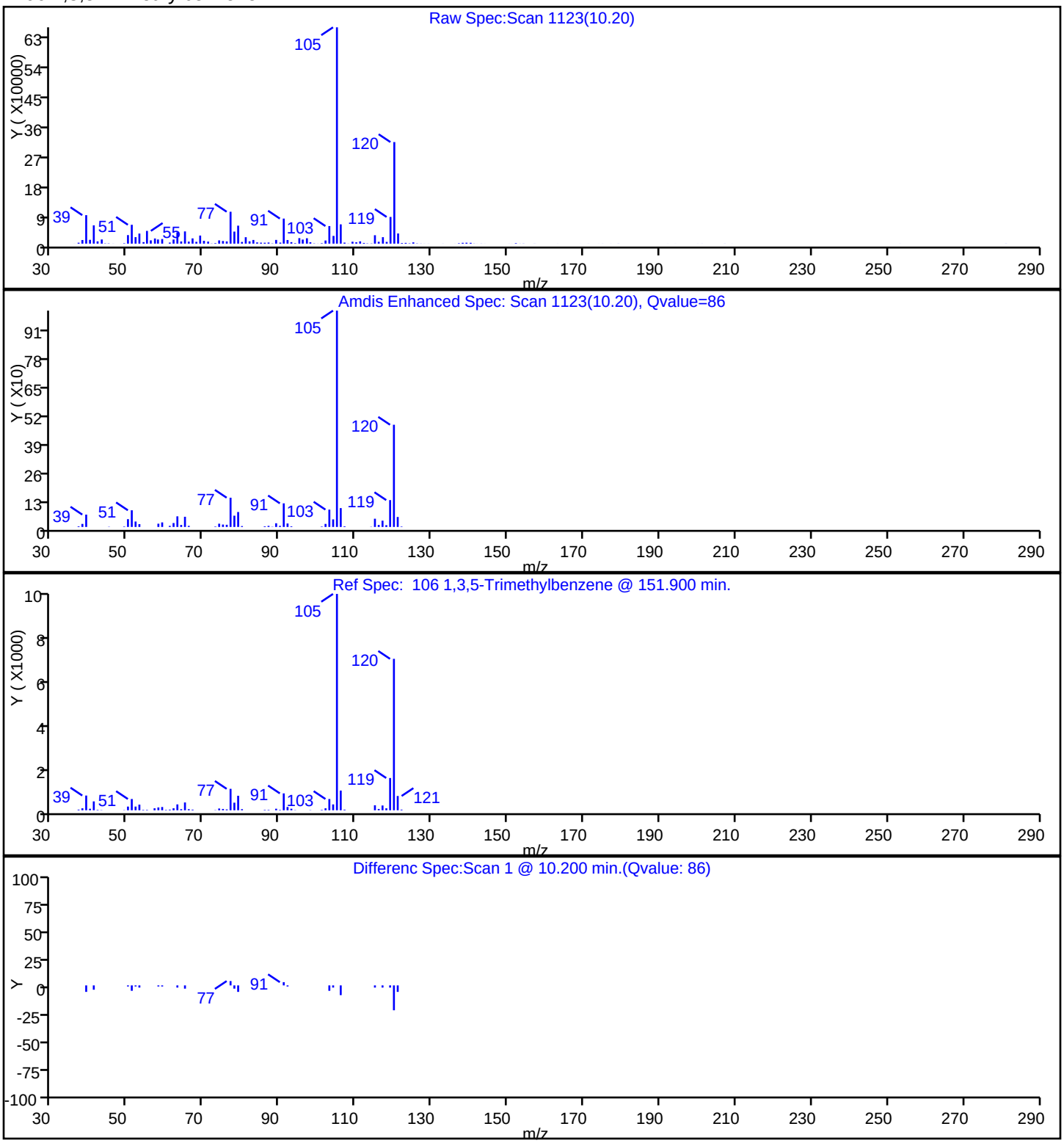
Client ID:	PMP-19SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

106 1,3,5-Trimethylbenzene



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TestAmerica Edison

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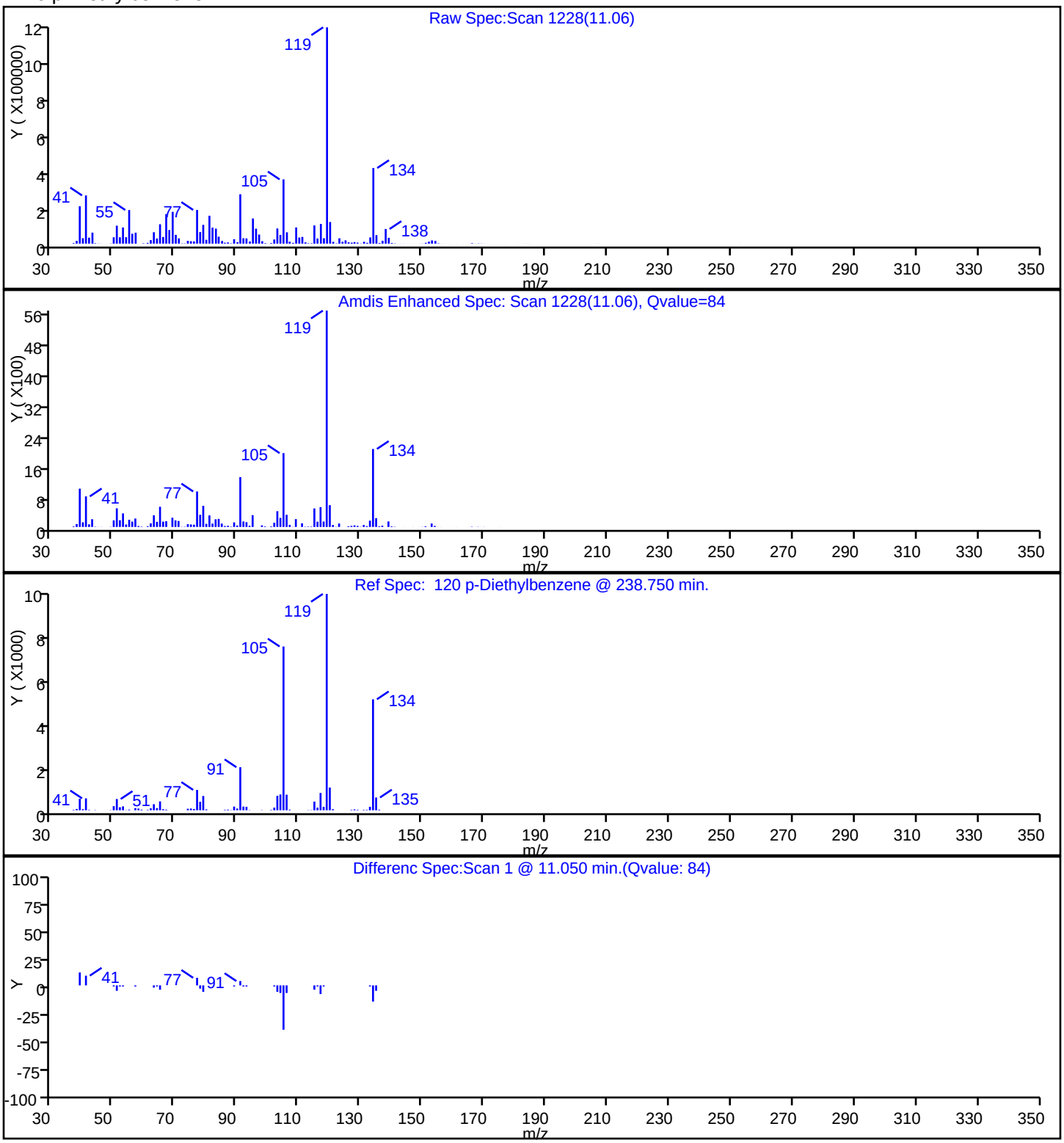
Injection Date:	19-Sep-2013 17:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

120 p-Diethylbenzene



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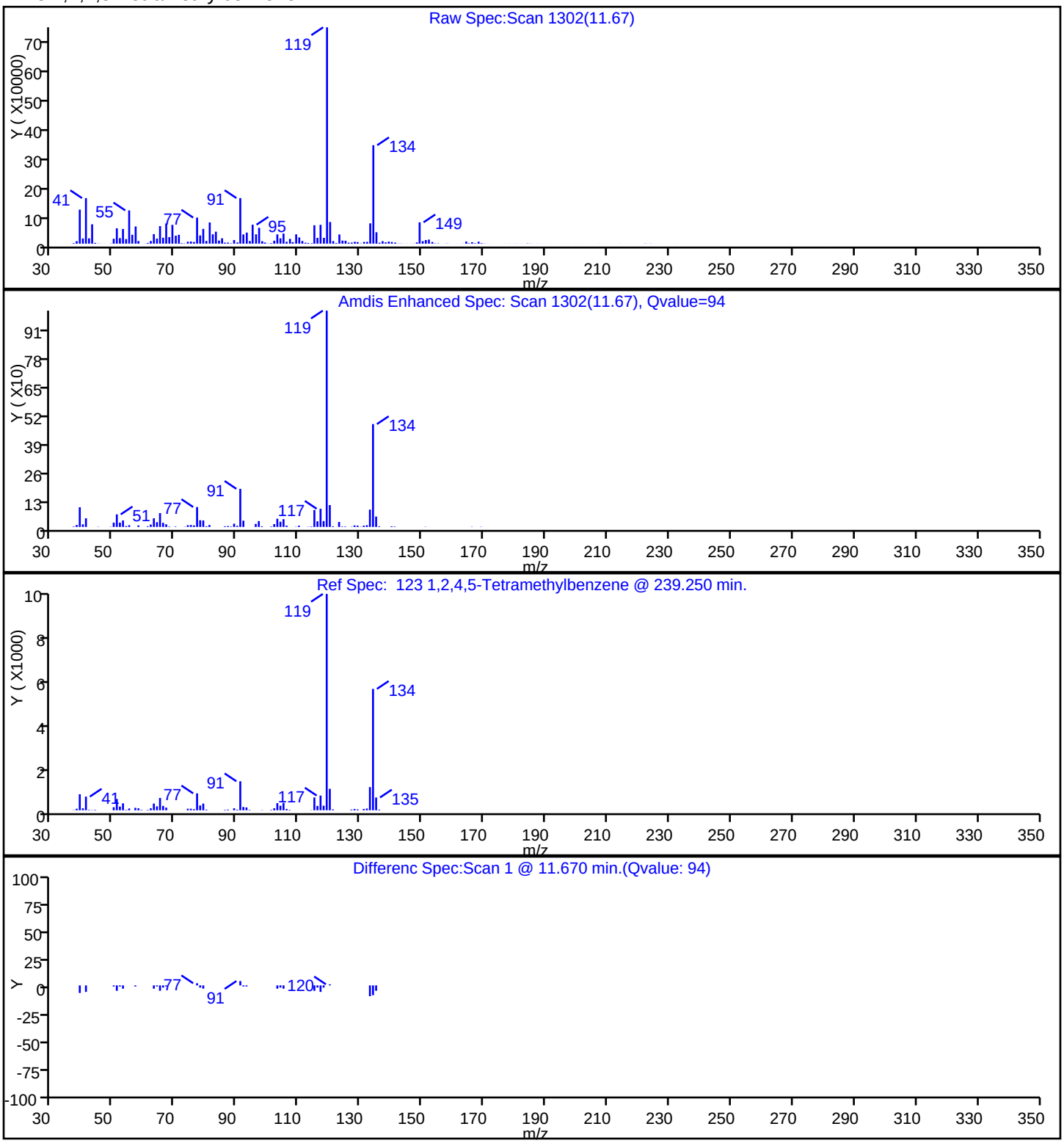
Client ID:	PMP-19SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

123 1,2,4,5-Tetramethylbenzene



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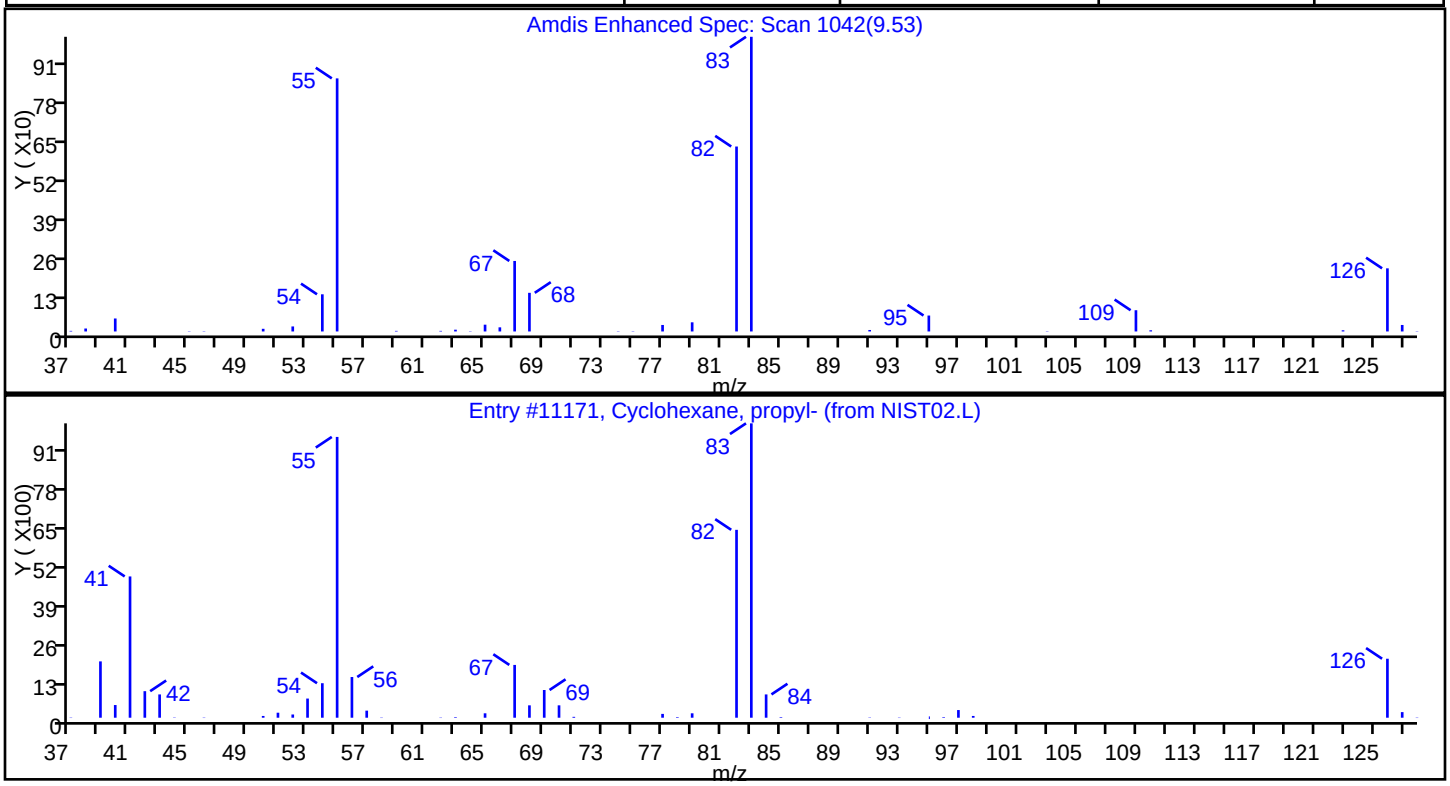
Client ID:	PMP-19SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Cyclohexane, propyl-	1678-92-8	NIST02.L	11171	86



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Client ID:	PMP-19SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	16
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
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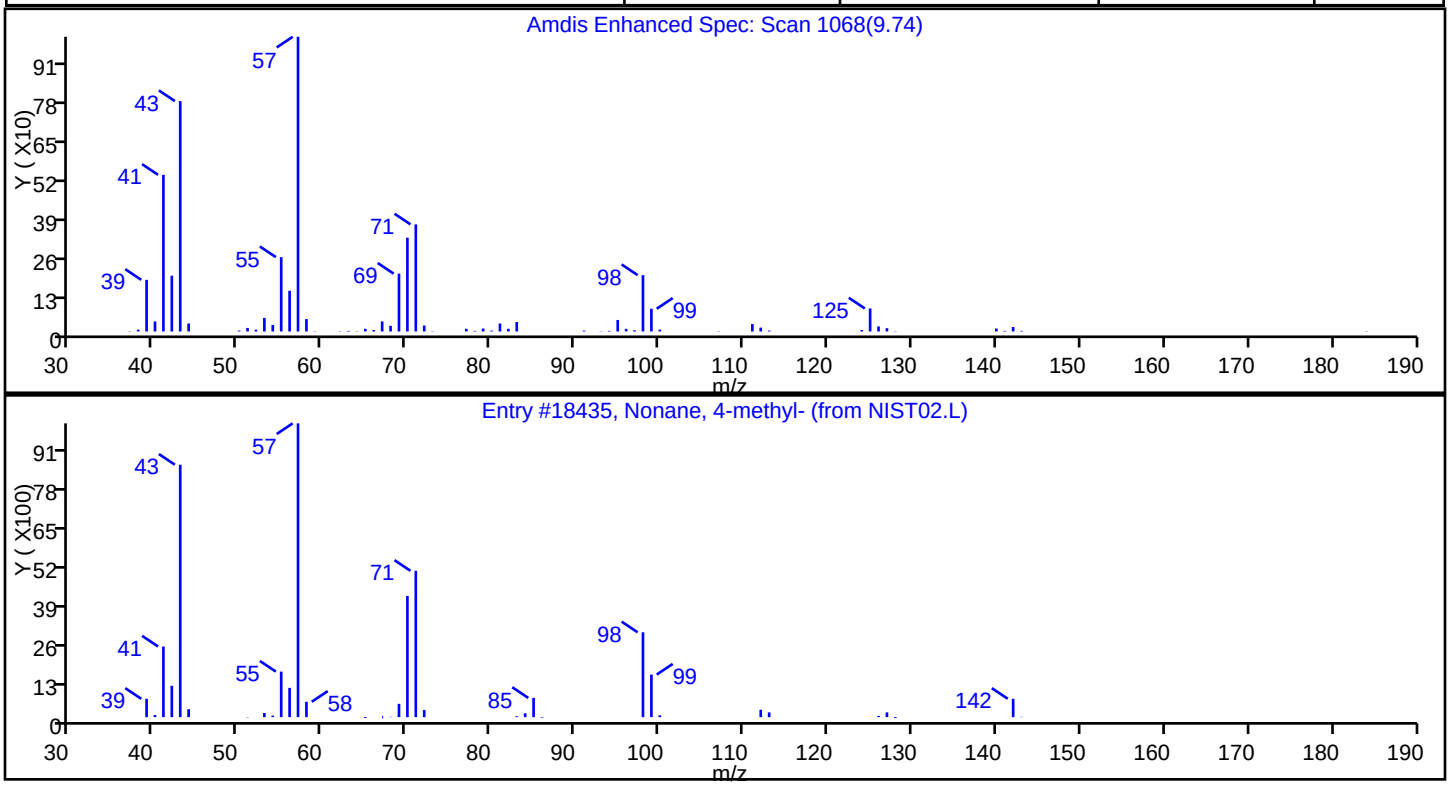

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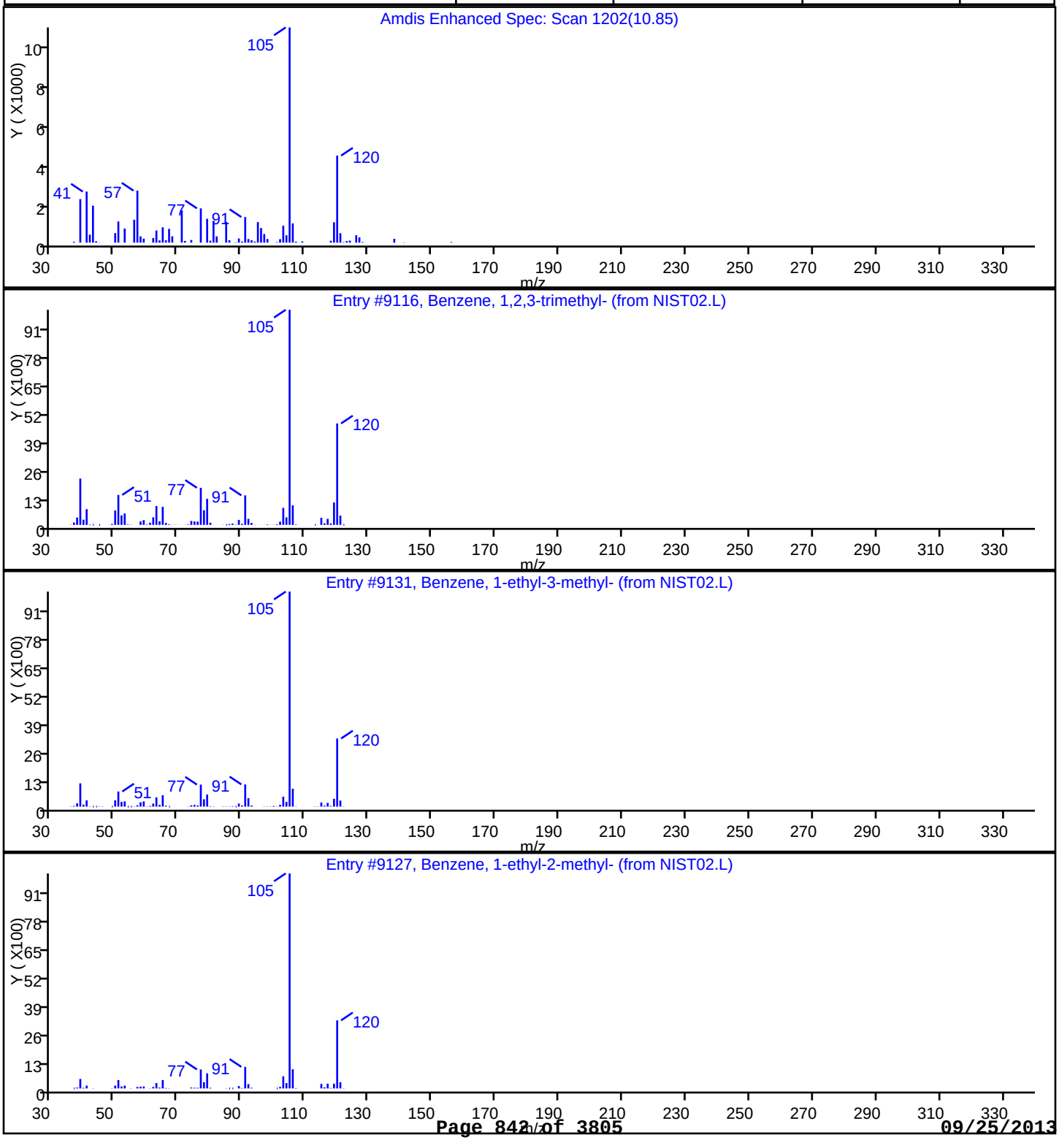
Client ID:	PMP-19SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9116	76
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.L	9131	76
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9127	70



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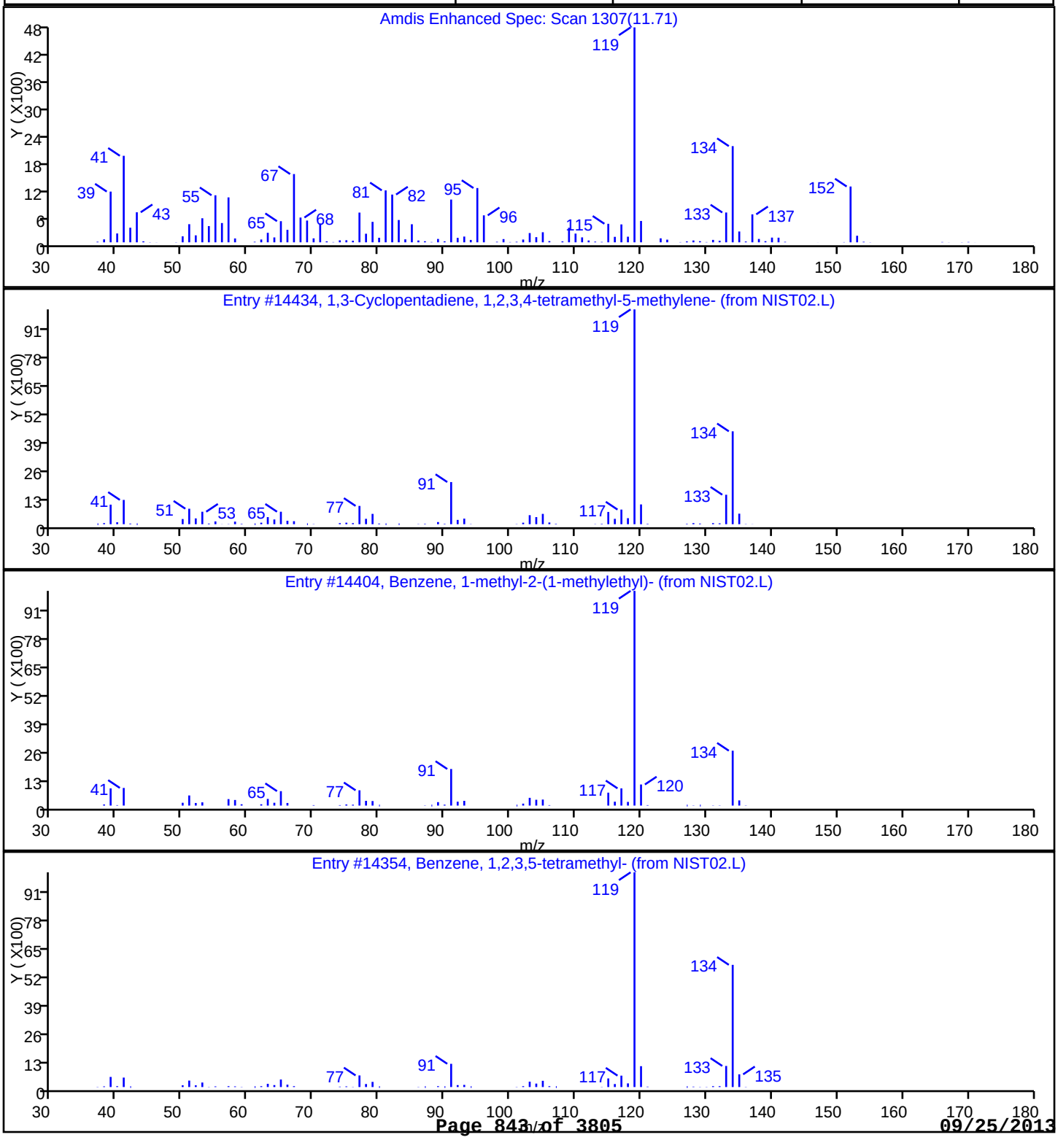
Lims Batch ID:	182095	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	76089-59-3	NIST02.L	14434	95
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14404	90
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14354	90



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Injection Date: 19-Sep-2013 17:44:30 Limit Group: VOA - 8260B Water and Solid

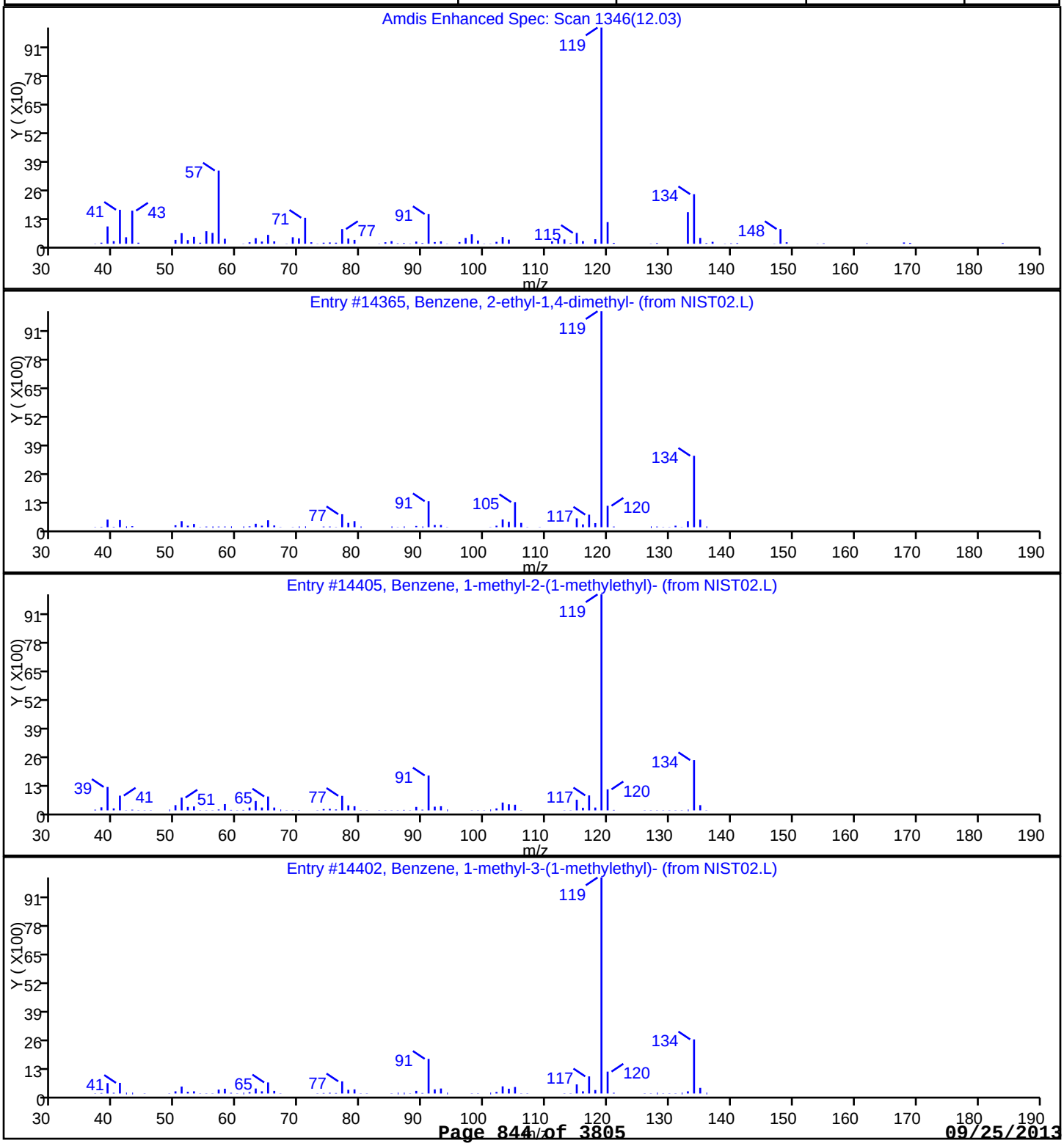
Client ID: PMP-19SE-WT Instrument ID: CVOAMS2

Lims Batch ID: 182095 Lims Sample ID: 16

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	14365	81
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14405	81
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.L	14402	81



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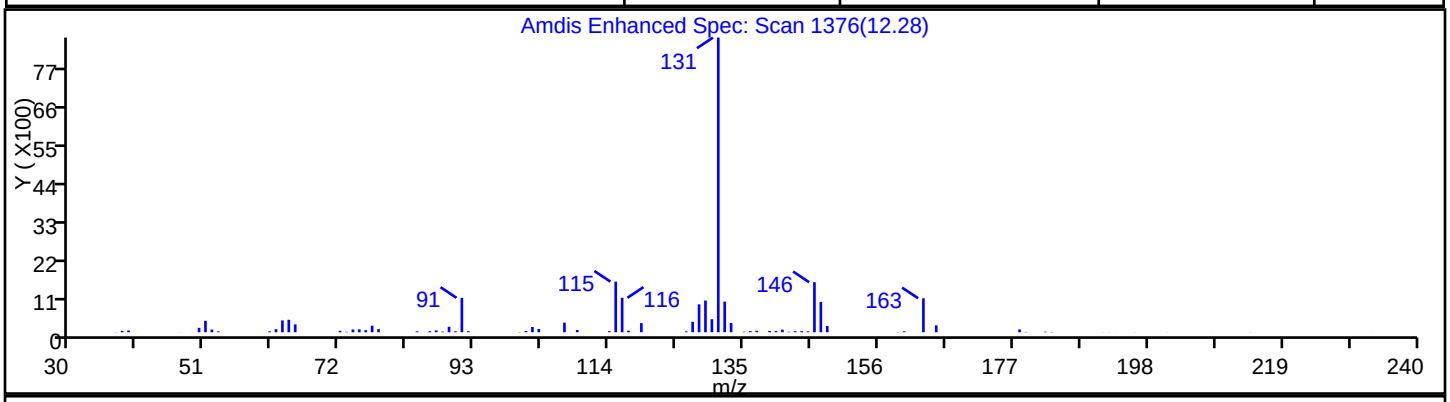
Client ID: PMP-19SE-WT Instrument ID: CVOAMS2

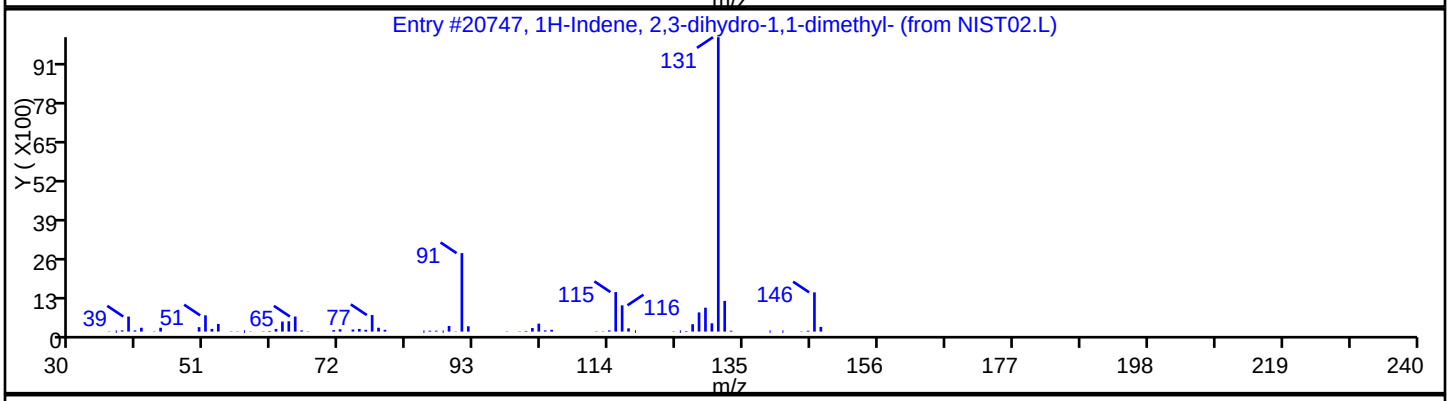
Lims Batch ID: 182095 Lims Sample ID: 16

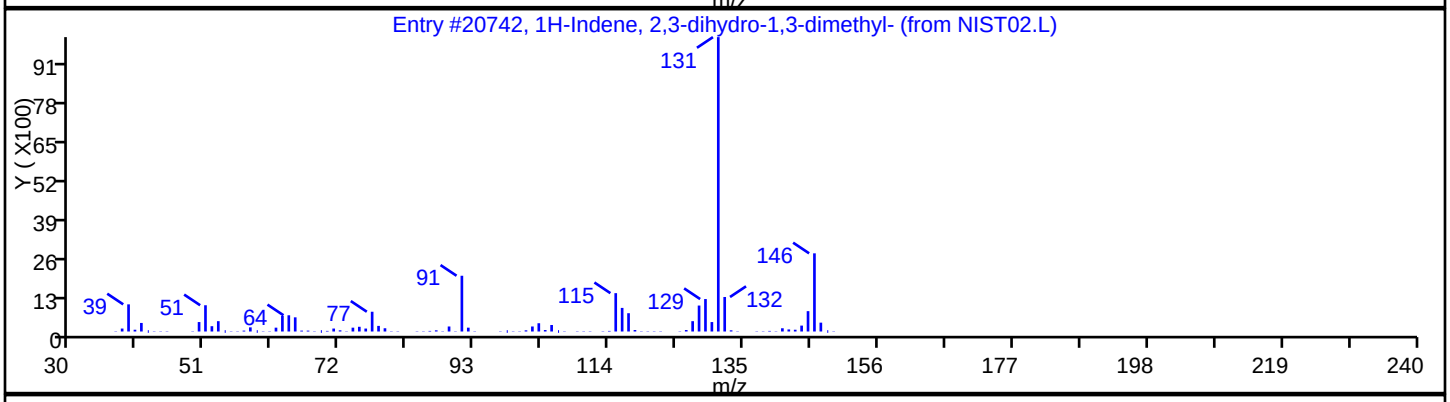
Operator ID: Purge Vol: 5.000 mL

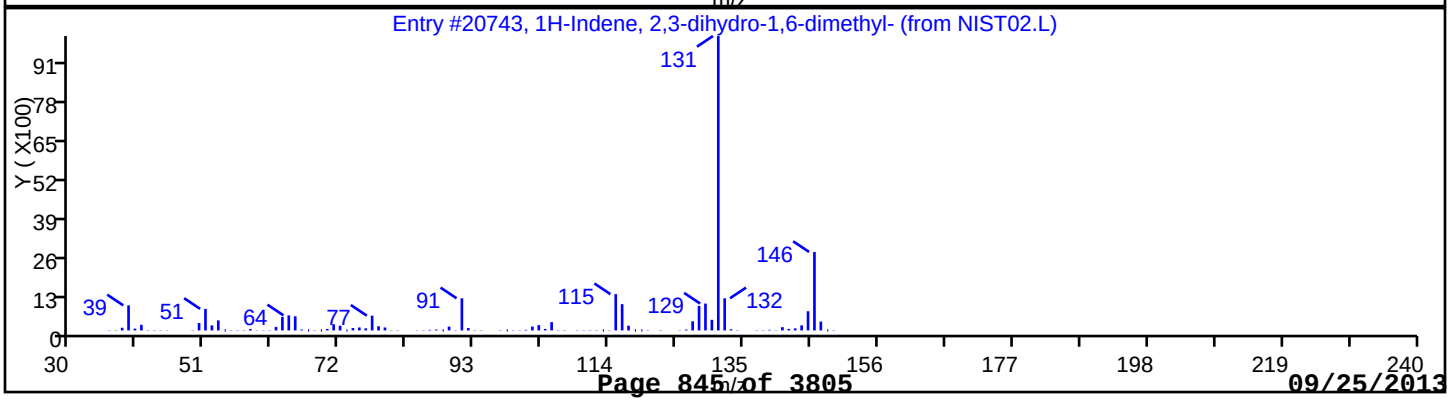
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene, 2,3-dihydro-1,1-dimethyl-	4912-92-9	NIST02.L	20747	90
1H-Indene, 2,3-dihydro-1,3-dimethyl-	4175-53-5	NIST02.L	20742	90
1H-Indene, 2,3-dihydro-1,6-dimethyl-	17059-48-2	NIST02.L	20743	90









Report Date: 19-Sep-2013 18:26:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60682.D

Injection Date: 19-Sep-2013 17:44:30 Limit Group: VOA - 8260B Water and Solid

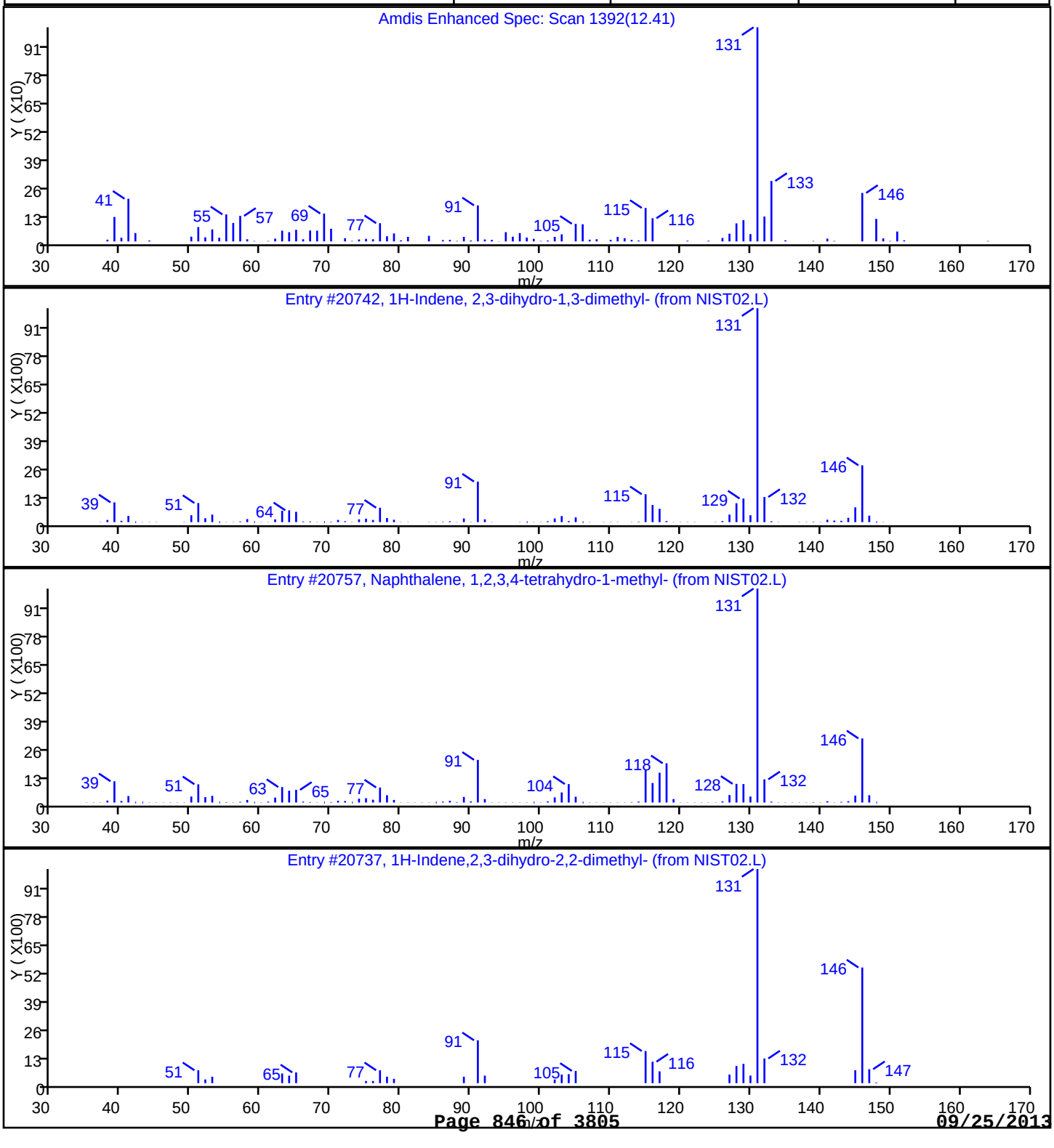
Client ID: PMP-19SE-WT Instrument ID: CVOAMS2

Lims Batch ID: 182095 Lims Sample ID: 16

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-1,3-dimethyl-	4175-53-5	NIST02.L	20742	81
Naphthalene, 1,2,3,4-tetrahydro-1-methyl	1559-81-5	NIST02.L	20757	81
1H-Indene,2,3-dihydro-2,2-dimethyl-	20836-11-7	NIST02.L	20737	81



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-SI | Lab Sample ID: 460-62968-7

Matrix: Solid | Lab File ID: D363142.D

Analysis Method: 8260B | Date Collected: 09/12/2013 09:30

Sample wt/vol: 5.04(g) | Date Analyzed: 09/19/2013 15:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.4 | Level: (low/med) Low

Analysis Batch No.: 182221 | 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	0.49	U	1.1	0.49
75-01-4	Vinyl chloride	0.39	U	1.1	0.39
75-00-3	Chloroethane	0.38	U	1.1	0.38
75-09-2	Methylene Chloride	0.17	U	1.1	0.17
67-64-1	Acetone	1.9	U	5.7	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	0.22	U	1.1	0.22
75-34-3	1,1-Dichloroethane	0.13	U	1.1	0.13
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.1	0.15
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.1	0.13
67-66-3	Chloroform	0.28	U	1.1	0.28
78-93-3	2-Butanone	0.72	U *	5.7	0.72
107-06-2	1,2-Dichloroethane	0.21	U	1.1	0.21
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	0.21	U	1.1	0.21
110-82-7	Cyclohexane	0.15	U	1.1	0.15
98-82-8	Isopropylbenzene	0.13	U	1.1	0.13
591-78-6	2-Hexanone	0.15	U	5.7	0.15
1634-04-4	MTBE	0.13	U	1.1	0.13
76-13-1	Freon TF	0.13	U	1.1	0.13
79-20-9	Methyl acetate	0.37	U	1.1	0.37
123-91-1	1,4-Dioxane	15	U	23	15
79-01-6	Trichloroethene	0.14	U	1.1	0.14
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	0.23	U	5.7	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-SI | Lab Sample ID: 460-62968-7

Matrix: Solid | Lab File ID: D363142.D

Analysis Method: 8260B | Date Collected: 09/12/2013 09:30

Sample wt/vol: 5.04(g) | Date Analyzed: 09/19/2013 15:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.4 | Level: (low/med) Low

Analysis Batch No.: 182221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2.9		1.1	0.13
120-82-1	1,2,4-Trichlorobenzene	5.5		1.1	0.22
87-61-6	1,2,3-Trichlorobenzene	1.9		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	0.77	U	3.4	0.77
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	0.13	U	1.1	0.13
75-27-4	Bromodichloromethane	0.37	U	1.1	0.37

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
460-00-4	Bromofluorobenzene	103		70-130
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-SI Lab Sample ID: 460-62968-7

Matrix: Solid Lab File ID: D363142.D

Analysis Method: 8260B Date Collected: 09/12/2013 09:30

Sample wt/vol: 5.04(g) Date Analyzed: 09/19/2013 15:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.4 Level: (low/med) Low

Analysis Batch No.: 182221 Units: ug/Kg

Number TICs Found: 3 TIC Result Total: 28.8

CAS NO.	COMPOUND NAME	RT	RESULT	Q
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	12.31	12	J N
634-66-2	Benzene, 1,2,3,4-tetrachloro-	12.83	8.8	J N
39546-80-0	Neopentylidenecyclohexane	13.20	8.0	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363142.D		
Lims ID:	460-62968-C-7-A	Client ID:	PMP-19SE-SI
Inject. Date:	19-Sep-2013 15:34:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-C-7-A		
Misc. Info.:	460-0004820-007		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	6
Lims Batch ID:	182221	Lims Sample ID:	7
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\8260S_4.m		
Last Update:	20-Sep-2013 07:19:37	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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 07:19:43

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.652	2.647	0.005	63	203294	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.721	3.721	0.0	96	187015	46.9	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.173	4.173	0.0	96	185561	43.8	
* 59 Fluorobenzene	96	4.433	4.433	0.0	98	679581	50.0	
* 150 1,4-Dioxane-d8	96	5.392	5.406	-0.014	1	15638	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.100	6.104	-0.004	97	679200	52.5	
* 87 Chlorobenzene-d5	117	7.795	7.794	0.001	86	487663	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	91	213958	51.7	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	96	267565	50.0	
117 1,4-Dichlorobenzene	146	9.745	9.745	0.0	73	28176	2.56	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	88	43238	4.82	
128 1,2,3-Trichlorobenzene	180	11.459	11.459	0.0	81	12687	1.63	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363142.D		
Lims ID:	460-62968-C-7-A	Client ID:	PMP-19SE-SI
Inject. Date:	19-Sep-2013 15:34:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-C-7-A		
Misc. Info.:	460-0004820-007		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	6
Lims Batch ID:	182221	Lims Sample ID:	7
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\8260S_4.m		
Last Update:	20-Sep-2013 07:19:37	Calib Date:	05-Sep-2013 06:32:30
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 07:19:43

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
80655-44-3 Decahydro-4,4,8,9,10-pentamethylnaphthal						
12.306	352830	10.3	116	92	61716	
634-66-2 Benzene, 1,2,3,4-tetrachloro-						
12.831	262153	7.66	116	99	65866	
39546-80-0 Neopentylidenecyclohexane						
13.197	240402	7.02	116	46	24311	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	9.735	1712244	50.0

QC Flag Legend

Processing Flags

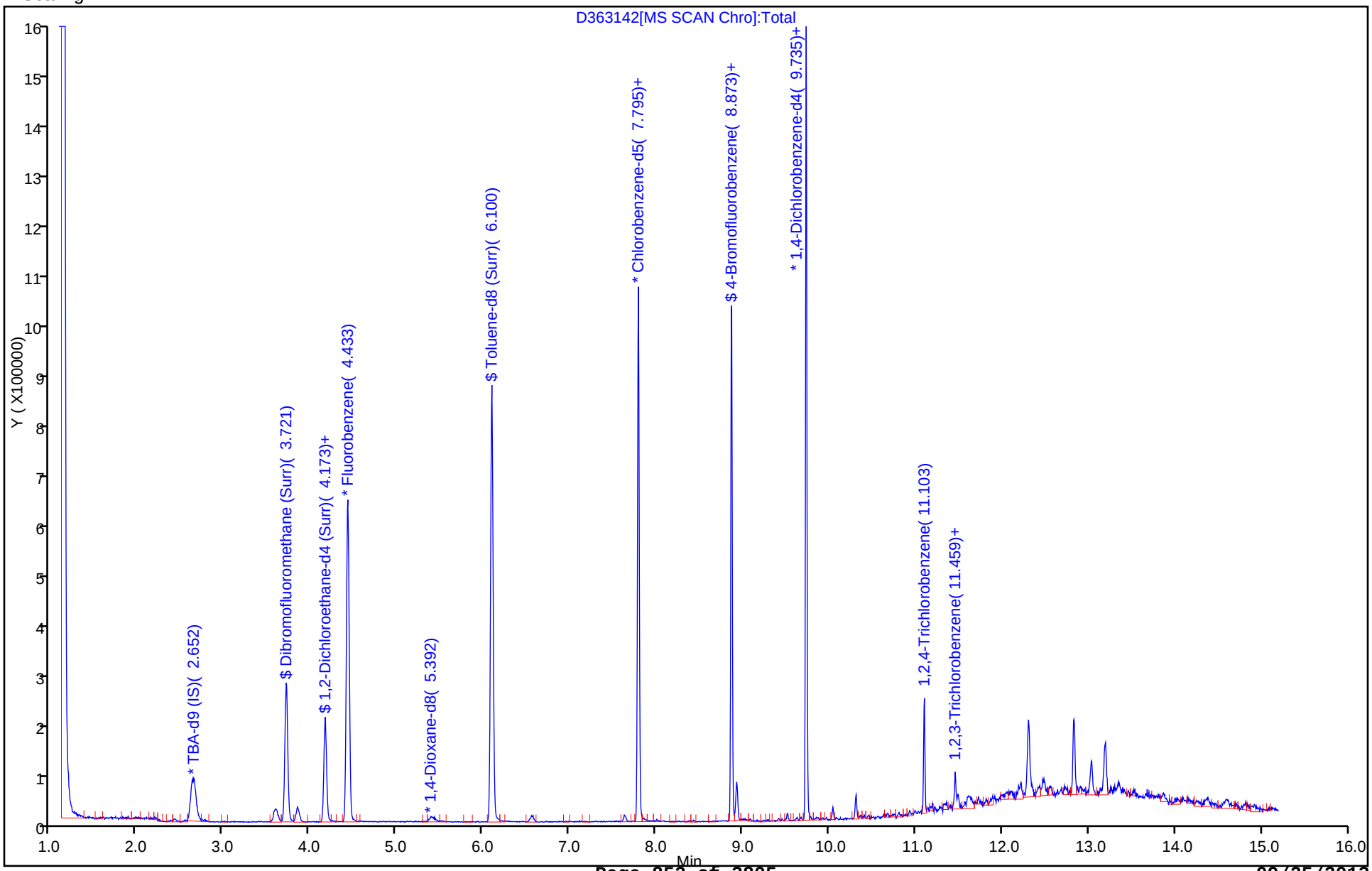
Report Date: 20-Sep-2013 07:19:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363142.D

Injection Date:	19-Sep-2013 15:34:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	7
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



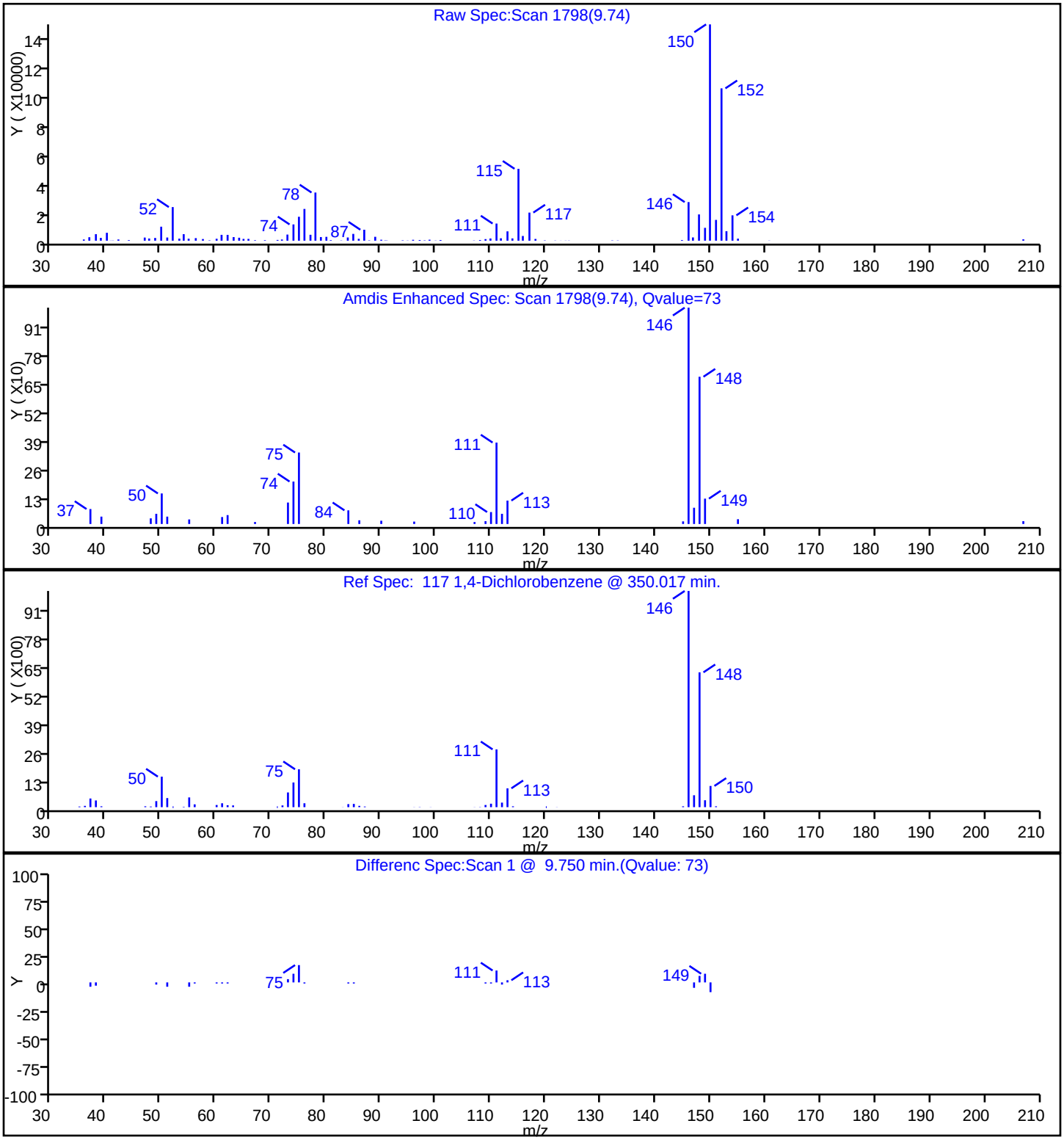
Report Date: 20-Sep-2013 07:19:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363142.D

Injection Date:	19-Sep-2013 15:34:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	7
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



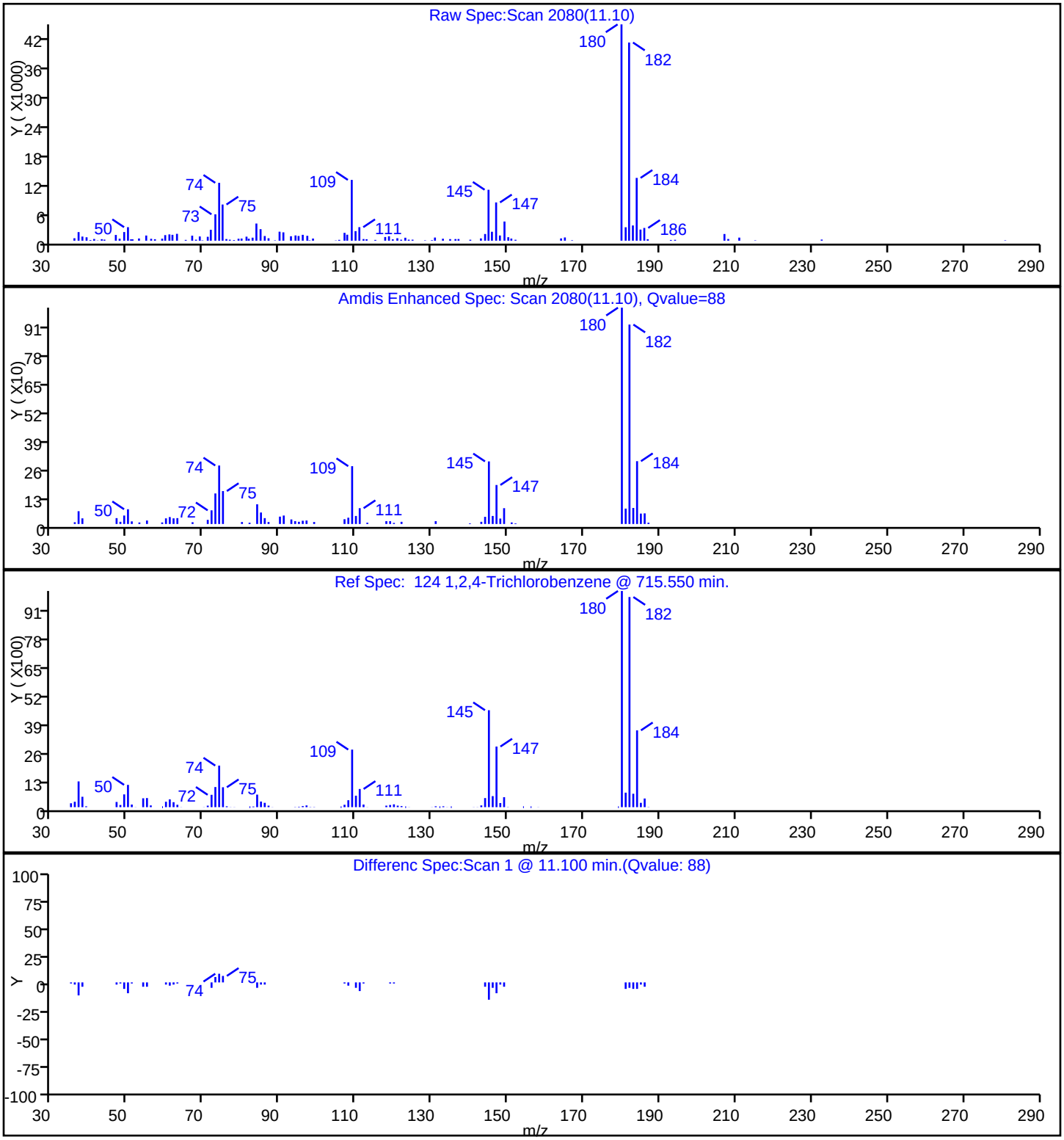
Report Date: 20-Sep-2013 07:19:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363142.D

Injection Date:	19-Sep-2013 15:34:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	7
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



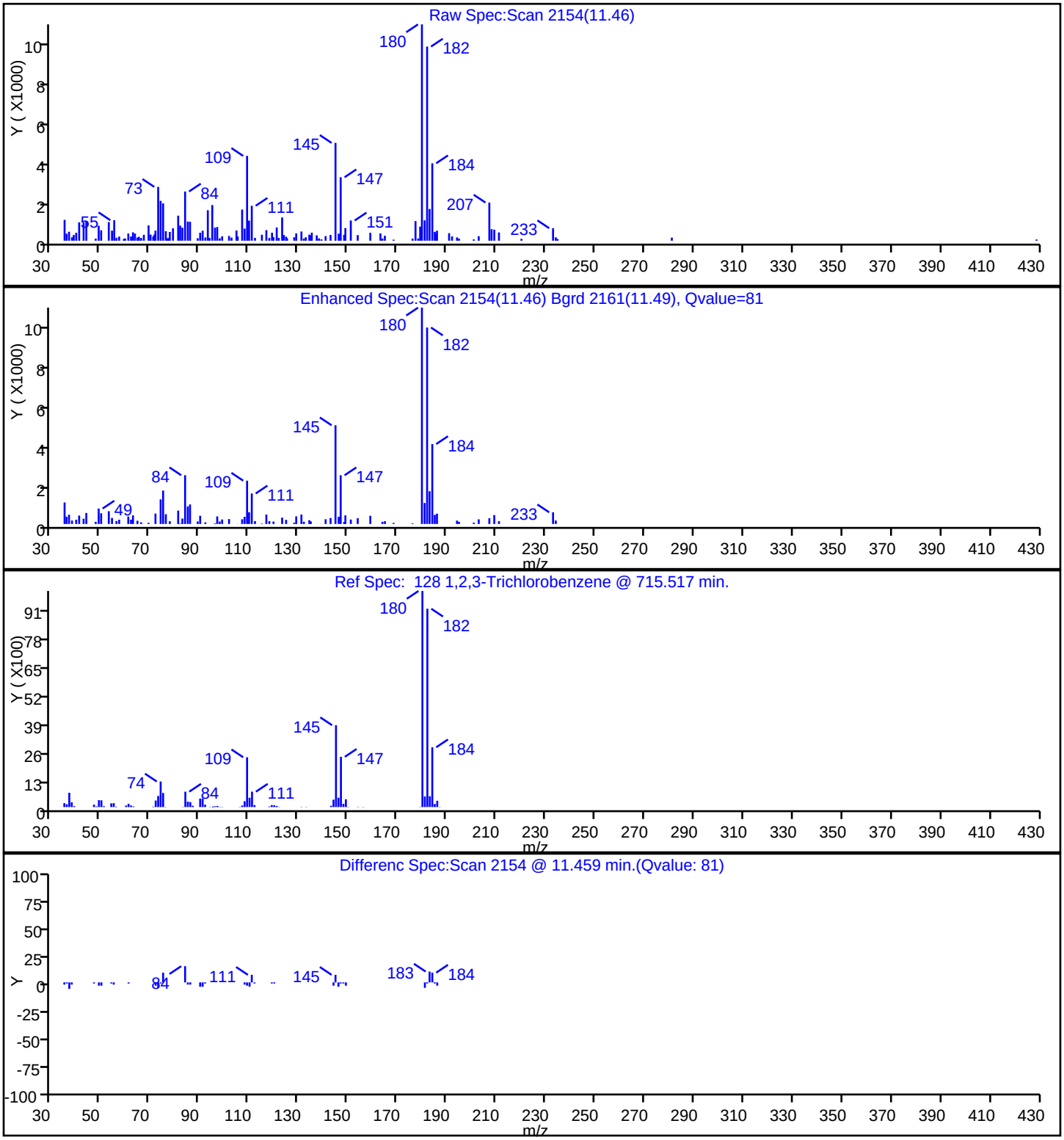
Report Date: 20-Sep-2013 07:19:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363142.D

Injection Date:	19-Sep-2013 15:34:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	7
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

128 1,2,3-Trichlorobenzene

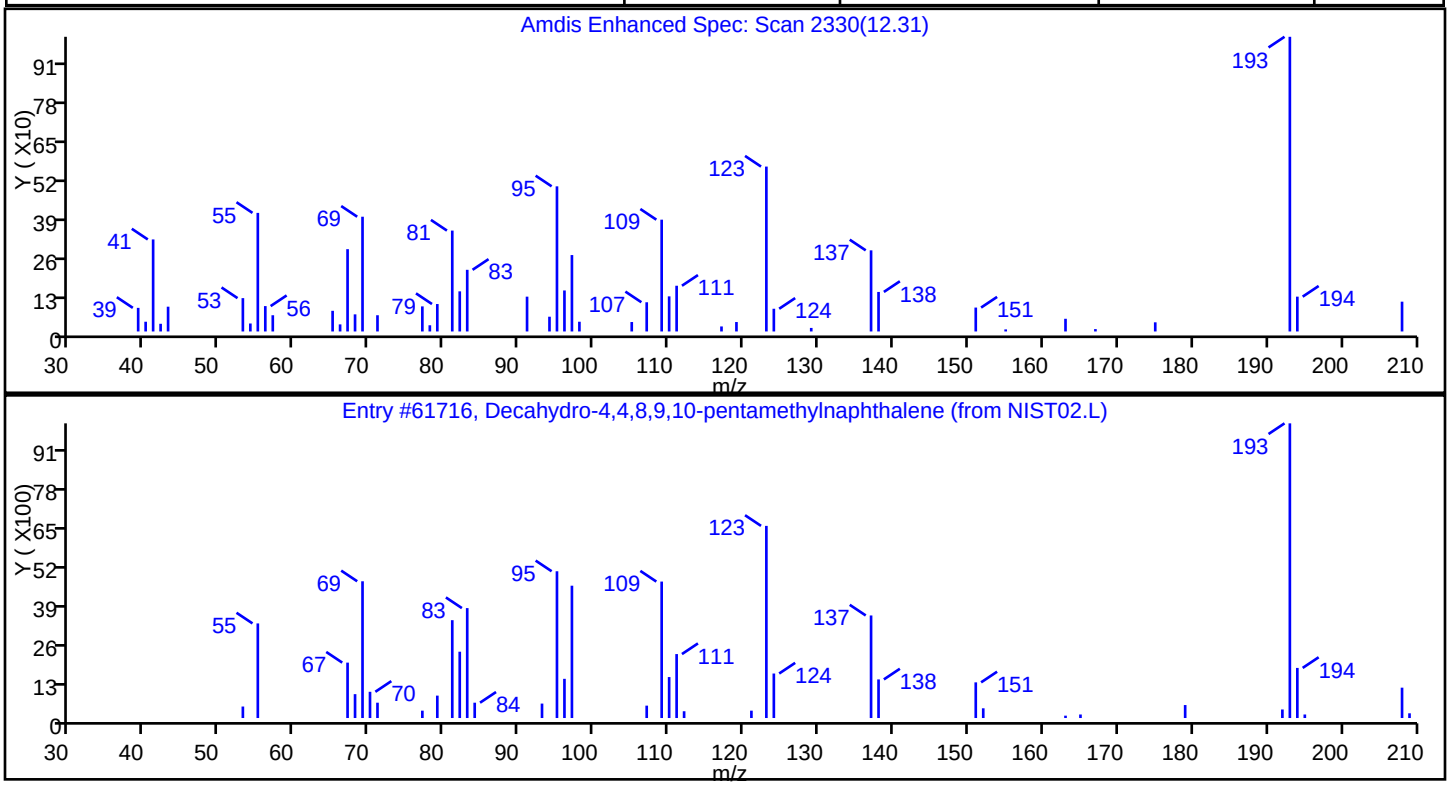


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363142.D

Injection Date:	19-Sep-2013 15:34:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	7
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
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	92



Report Date: 20-Sep-2013 07:19:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363142.D

Injection Date: 19-Sep-2013 15:34:30 Limit Group: VOA - 8260B Water and Solid

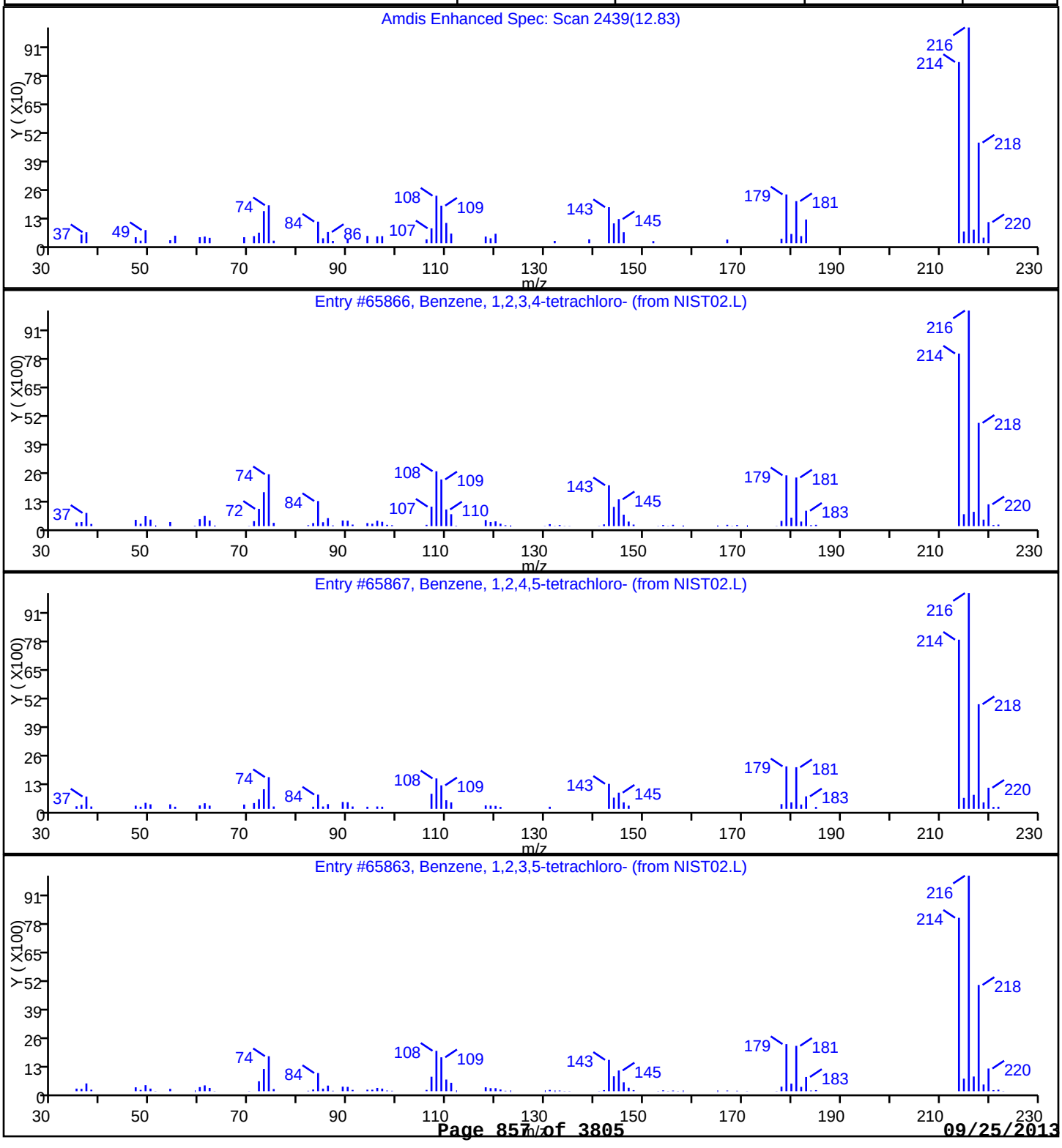
Client ID: PMP-19SE-SI Instrument ID: CVOAMS4

Lims Batch ID: 182221 Lims Sample ID: 7

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, 1,2,3,4-tetrachloro-	634-66-2	NIST02.L	65866	99
Benzene, 1,2,4,5-tetrachloro-	95-94-3	NIST02.L	65867	99
Benzene, 1,2,3,5-tetrachloro-	634-90-2	NIST02.L	65863	99



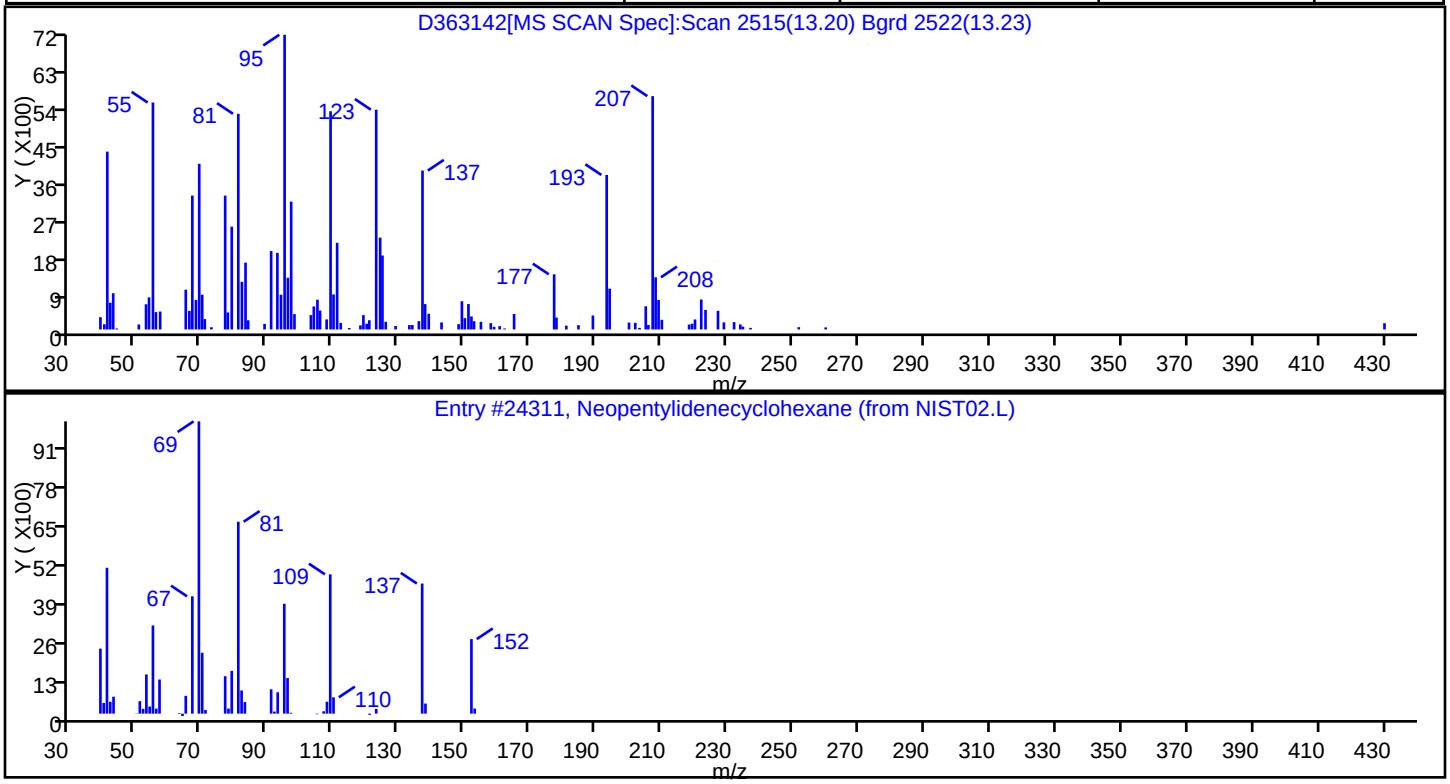
Report Date: 20-Sep-2013 07:19:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363142.D

Injection Date:	19-Sep-2013 15:34:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-19SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	7
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
Neopentylidenecyclohexane	39546-80-0	NIST02.L	24311	46



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-VD | Lab Sample ID: 460-62968-8

Matrix: Solid | Lab File ID: D363108.D

Analysis Method: 8260B | Date Collected: 09/12/2013 10:00

Sample wt/vol: 5.922(g) | Date Analyzed: 09/18/2013 23:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.0 | Level: (low/med) Low

Analysis Batch No.: 182028 | 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-VD | Lab Sample ID: 460-62968-8

Matrix: Solid | Lab File ID: D363108.D

Analysis Method: 8260B | Date Collected: 09/12/2013 10:00

Sample wt/vol: 5.922(g) | Date Analyzed: 09/18/2013 23:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.0 | Level: (low/med) Low

Analysis Batch No.: 182028 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.62	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)	102		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	Bromofluorobenzene	93		70-130
1868-53-7	Dibromofluoromethane (Surr)	115		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-VD Lab Sample ID: 460-62968-8

Matrix: Solid Lab File ID: D363108.D

Analysis Method: 8260B Date Collected: 09/12/2013 10:00

Sample wt/vol: 5.922(g) Date Analyzed: 09/18/2013 23:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.0 Level: (low/med) Low

Analysis Batch No.: 182028 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\CVOAMS4\20130918-4780.b\D363108.D		
Lims ID:	460-62968-B-8-A	Client ID:	PMP-26SE-VD
Inject. Date:	18-Sep-2013 23:15:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-B-8-A		
Misc. Info.:	460-0004780-023		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	22
Lims Batch ID:	182028	Lims Sample ID:	23
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\8260S_4.m		
Last Update:	20-Sep-2013 10:12:53	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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 10:12:53

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.652	2.652	0.0	63	300485	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.721	3.721	0.0	95	212281	57.3	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.169	4.164	0.005	96	201384	51.1	
* 59 Fluorobenzene	96	4.434	4.429	0.005	98	631641	50.0	
* 150 1,4-Dioxane-d8	96	5.416	5.406	0.010	1	18754	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.100	6.100	0.0	98	771702	48.5	
* 87 Chlorobenzene-d5	117	7.795	7.795	0.0	83	599434	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	90	262945	46.7	
* 116 1,4-Dichlorobenzene-d4	152	9.740	9.735	0.005	96	364063	50.0	
117 1,4-Dichlorobenzene	146	9.745	9.745	0.0	36	10145	0.6787	

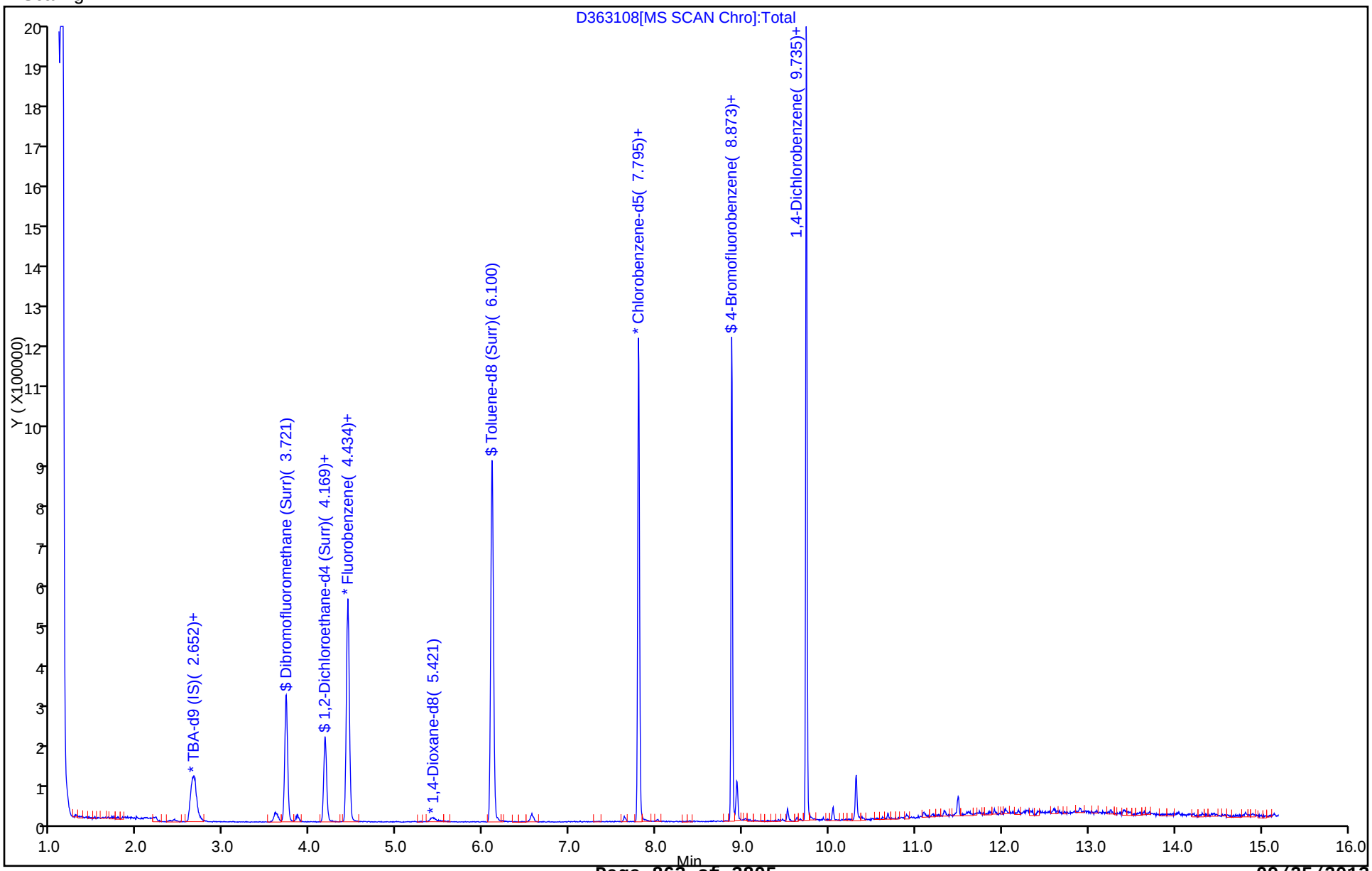
Report Date: 20-Sep-2013 10:12:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363108.D

Injection Date:	18-Sep-2013 23:15:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-26SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



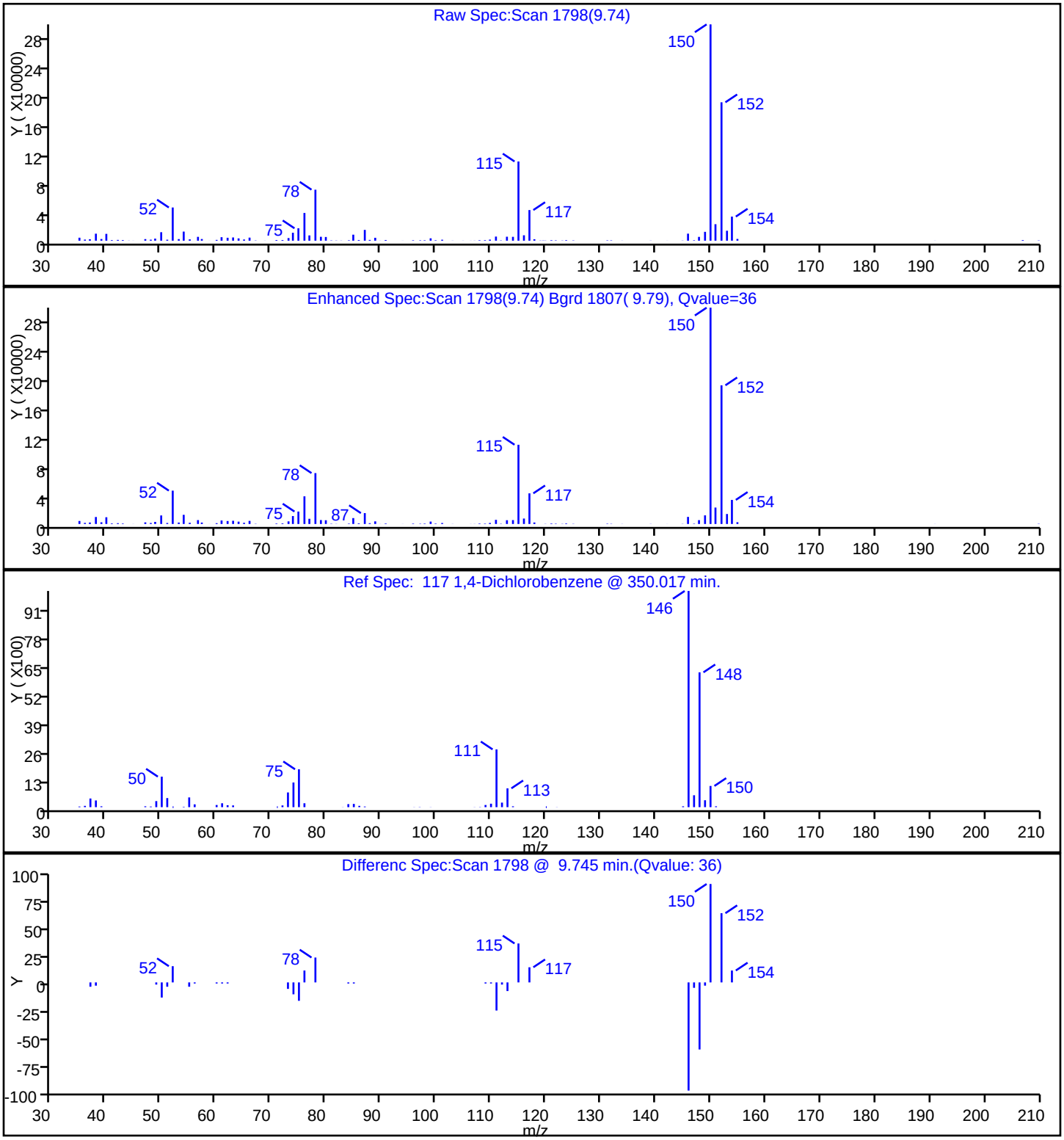
Report Date: 20-Sep-2013 10:12:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363108.D

Injection Date:	18-Sep-2013 23:15:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-26SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	23
Operator ID:		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-WT | Lab Sample ID: 460-62968-9

Matrix: Solid | Lab File ID: B60661.D

Analysis Method: 8260B | Date Collected: 09/12/2013 10:05

Sample wt/vol: 6.318(g) | Date Analyzed: 09/19/2013 07:21

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.7 | Level: (low/med) Medium

Analysis Batch No.: 182063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	8.7	U	90	8.7
74-83-9	Bromomethane	16	U	90	16
75-01-4	Vinyl chloride	13	U	90	13
75-00-3	Chloroethane	15	U	90	15
75-09-2	Methylene Chloride	16	U	90	16
67-64-1	Acetone	240	U	450	240
75-15-0	Carbon disulfide	11	U	90	11
75-69-4	Trichlorofluoromethane	13	U	90	13
75-35-4	1,1-Dichloroethene	7.9	U	90	7.9
75-34-3	1,1-Dichloroethane	12	U	90	12
156-60-5	trans-1,2-Dichloroethene	12	U	90	12
156-59-2	cis-1,2-Dichloroethene	16	U	90	16
67-66-3	Chloroform	7.0	U	90	7.0
78-93-3	2-Butanone	210	U	450	210
107-06-2	1,2-Dichloroethane	17	U	90	17
71-55-6	1,1,1-Trichloroethane	5.6	U	90	5.6
56-23-5	Carbon tetrachloride	5.1	U	90	5.1
71-43-2	Benzene	7.4	U	90	7.4
75-25-2	Bromoform	17	U	90	17
100-42-5	Styrene	11	U	90	11
100-41-4	Ethylbenzene	8.6	U	90	8.6
108-90-7	Chlorobenzene	9.9	U	90	9.9
110-82-7	Cyclohexane	14	U	90	14
98-82-8	Isopropylbenzene	6.9	U	90	6.9
591-78-6	2-Hexanone	45	U	450	45
1634-04-4	MTBE	12	U	90	12
76-13-1	Freon TF	7.4	U	90	7.4
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	90	8.2
108-88-3	Toluene	13	U	90	13
10061-02-6	trans-1,3-Dichloropropene	22	U	90	22
108-10-1	4-Methyl-2-pentanone	88	U	450	88
10061-01-5	cis-1,3-Dichloropropene	16	U	90	16
95-50-1	1,2-Dichlorobenzene	18	U	90	18
541-73-1	1,3-Dichlorobenzene	12	U	90	12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-WT | Lab Sample ID: 460-62968-9

Matrix: Solid | Lab File ID: B60661.D

Analysis Method: 8260B | Date Collected: 09/12/2013 10:05

Sample wt/vol: 6.318(g) | Date Analyzed: 09/19/2013 07:21

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.7 | Level: (low/med) Medium

Analysis Batch No.: 182063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	21	U	90	21
120-82-1	1,2,4-Trichlorobenzene	5200		90	31
87-61-6	1,2,3-Trichlorobenzene	3500		90	46
78-87-5	1,2-Dichloropropane	7.7	U	90	7.7
108-87-2	Methylcyclohexane	12	U	90	12
127-18-4	Tetrachloroethene	18	J	90	8.7
1330-20-7	Xylenes, Total	32	U	270	32
96-12-8	1,2-Dibromo-3-Chloropropane	36	U	90	36
79-34-5	1,1,2,2-Tetrachloroethane	14	U	90	14
79-00-5	1,1,2-Trichloroethane	17	U	90	17
124-48-1	Dibromochloromethane	18	U	90	18
106-93-4	1,2-Dibromoethane	25	U	90	25
75-71-8	Dichlorodifluoromethane	19	U	90	19
74-97-5	Bromochloromethane	24	U	90	24
75-27-4	Bromodichloromethane	11	U	90	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		75-135
2037-26-5	Toluene-d8 (Surr)	79		59-150
460-00-4	Bromofluorobenzene	88		72-133
1868-53-7	Dibromofluoromethane (Surr)	83		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-WT | Lab Sample ID: 460-62968-9

Matrix: Solid | Lab File ID: B60661.D

Analysis Method: 8260B | Date Collected: 09/12/2013 10:05

Sample wt/vol: 6.318(g) | Date Analyzed: 09/19/2013 07:21

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.7 | Level: (low/med) Medium

Analysis Batch No.: 182063 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 70800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
2958-75-0	1-Methyldecahydronaphthalene	11.71	8600	J N
	Unknown	12.01	4900	J
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	12.13	9900	J N
1008-80-6	Naphthalene, decahydro-2,3-dimethyl-	12.33	4500	J N
62108-25-2	Decane, 2,6,7-trimethyl-	12.48	8600	J N
629-50-5	Tridecane	12.71	4900	J N
5557-93-7	Benzene, 1-(1-methylethenyl)-2-(1-methyl	13.22	4700	J N
74645-98-0	Dodecane, 2,7,10-trimethyl-	13.40	4600	J N
91-57-6	Naphthalene, 2-methyl-	13.64	14000	J N
90-12-0	Naphthalene, 1-methyl-	13.84	6100	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60661.D		
Lims ID:	460-62968-A-9-A	Client ID:	PMP-26SE-WT
Inject. Date:	19-Sep-2013 07:21:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62968-A-9-A		
Misc. Info.:	460-0004786-025		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	24
Lims Batch ID:	182063	Lims Sample ID:	25
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\8260W_2.m		
Last Update:	20-Sep-2013 16:47:34	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:	19-Sep-2013 08:49:32

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	2.813	2.789	0.024	64	366236	1000.0	
$ 57 Dibromofluoromethane (Surr)	113	4.492	4.484	0.008	98	176989	41.5	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.879	0.008	90	279856	44.2	
* 58 Fluorobenzene	96	5.208	5.208	0.0	97	683074	50.0	
* 65 1,4-Dioxane-d8	96	6.080	6.073	0.007	91	45073	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.208	7.200	0.008	97	565434	39.5	
81 Tetrachloroethene	166	7.858	7.858	0.0	64	861	0.2045	
* 87 Chlorobenzene-d5	117	8.763	8.764	-0.001	90	573069	50.0	
92 o-Xylene	106	9.364	9.356	0.008	71	1086	0.1663	
$ 97 4-Bromofluorobenzene	174	9.858	9.850	0.008	93	247898	44.0	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	97	348412	50.0	
127 1,2,4-Trichlorobenzene	180	12.368	12.360	0.008	90	300380	58.1	
131 1,2,3-Trichlorobenzene	180	12.788	12.788	0.0	74	142184	38.6	
S 134 Xylenes, Total	100				0		0.1663	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60661.D		
Lims ID:	460-62968-A-9-A	Client ID:	PMP-26SE-WT
Inject. Date:	19-Sep-2013 07:21:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62968-A-9-A		
Misc. Info.:	460-0004786-025		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	24
Lims Batch ID:	182063	Lims Sample ID:	25
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\8260W_2.m		
Last Update:	20-Sep-2013 16:47:34	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:	19-Sep-2013 08:49:32

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
2958-75-0 1-Methyldecahydronaphthalene						
11.710	5967519	96.4	115	98	24317	
Unknown						
12.006	3397469	54.9	115	0	0	
1618-22-0 Naphthalene, decahydro-2,6-dimethyl-						
12.129	6835378	110.4	115	94	33325	
1008-80-6 Naphthalene, decahydro-2,3-dimethyl-						
12.327	3110914	50.2	115	87	33331	
62108-25-2 Decane, 2,6,7-trimethyl-						
12.483	5955269	96.2	115	86	45603	
629-50-5 Tridecane						
12.705	3369486	54.4	115	93	45543	
5557-93-7 Benzene, 1-(1-methylethenyl)-2-(1-methyl						
13.216	3227198	52.1	115	87	29468	
74645-98-0 Dodecane, 2,7,10-trimethyl-						
13.397	3202717	51.7	115	91	64587	
91-57-6 Naphthalene, 2-methyl-						
13.635	9330178	150.6	115	96	18501	I
90-12-0 Naphthalene, 1-methyl-						
13.841	4227998	68.3	115	96	18499	I

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 115 1,4-Dichlorobenzene-d4	10.813	3096721	50.0

QC Flag Legend

Processing Flags

Review Flags
I - User Selected Library Match

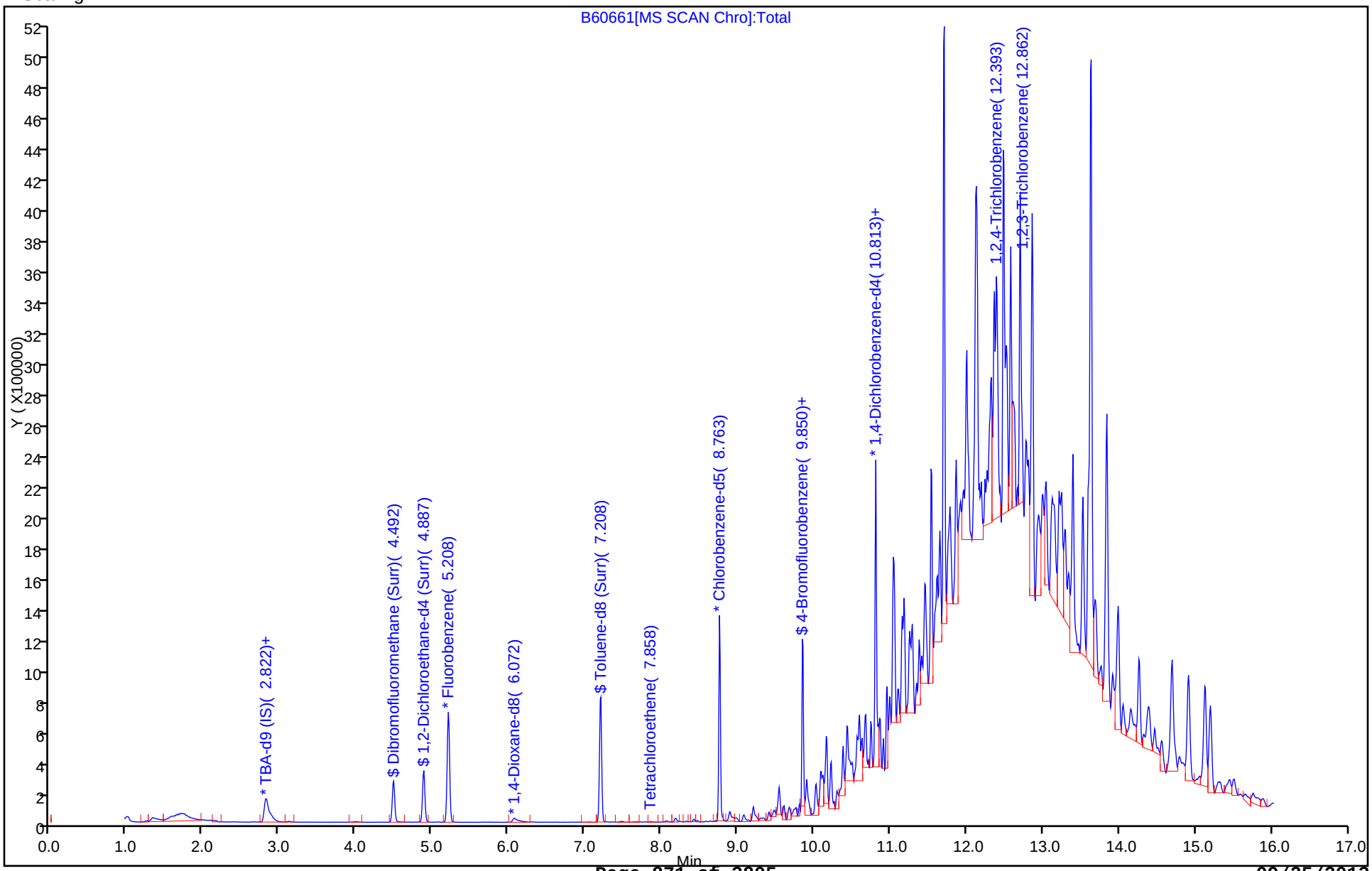
Report Date: 20-Sep-2013 16:50:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60661.D

Injection Date:	19-Sep-2013 07:21:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-26SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



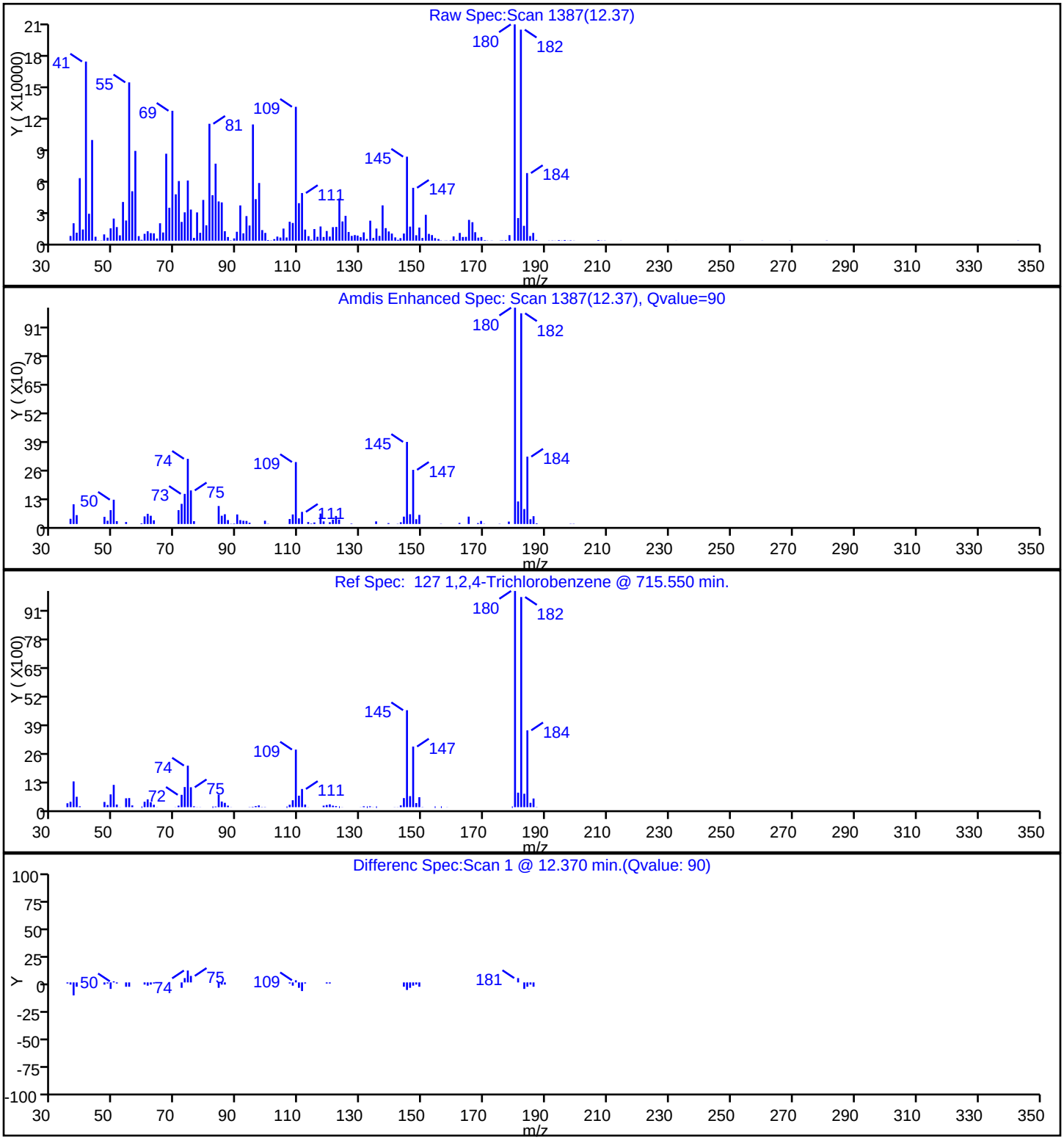
Report Date: 20-Sep-2013 16:50:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60661.D

Injection Date:	19-Sep-2013 07:21:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-26SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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



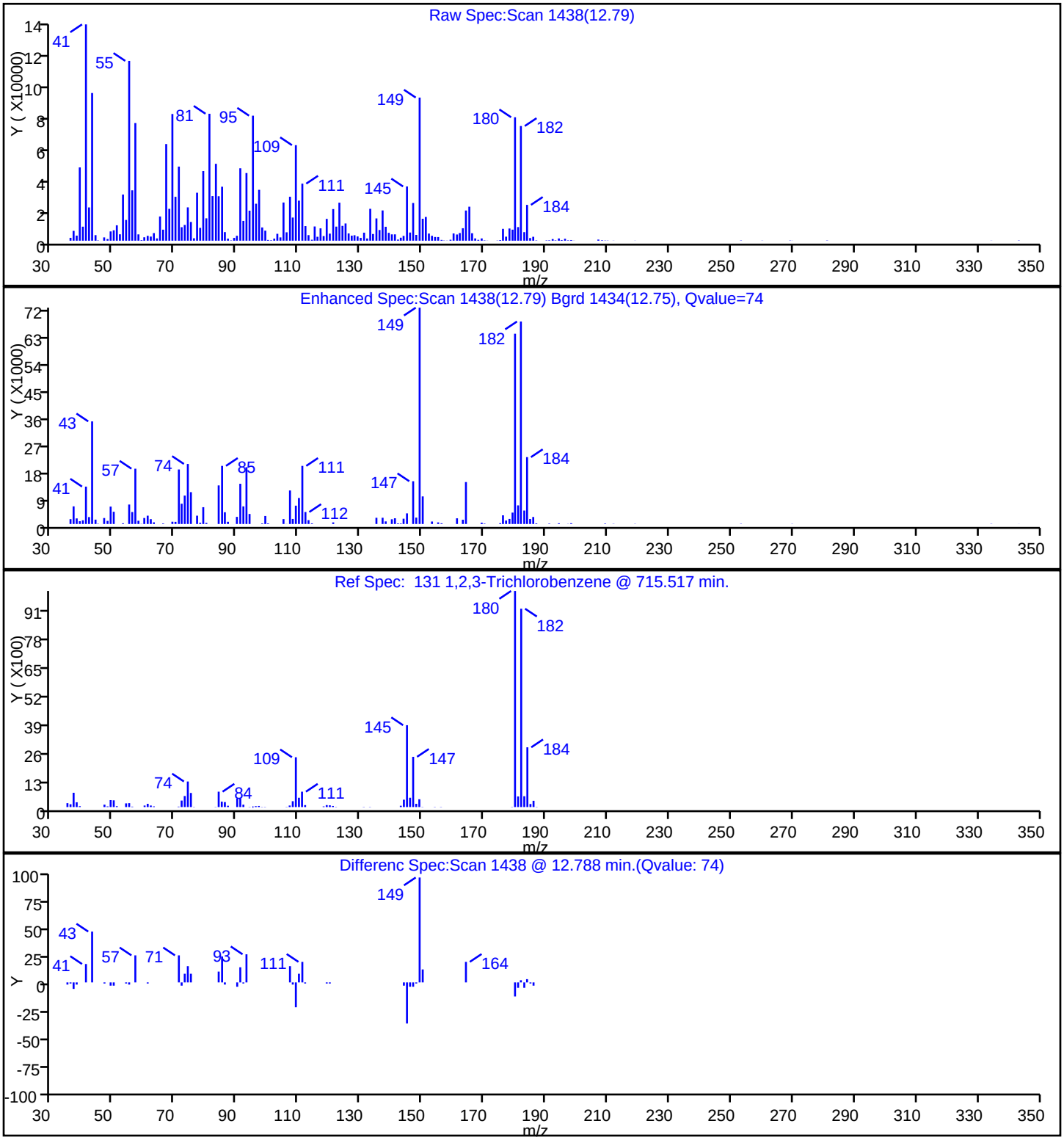
Report Date: 20-Sep-2013 16:50:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60661.D

Injection Date:	19-Sep-2013 07:21:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-26SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

131 1,2,3-Trichlorobenzene



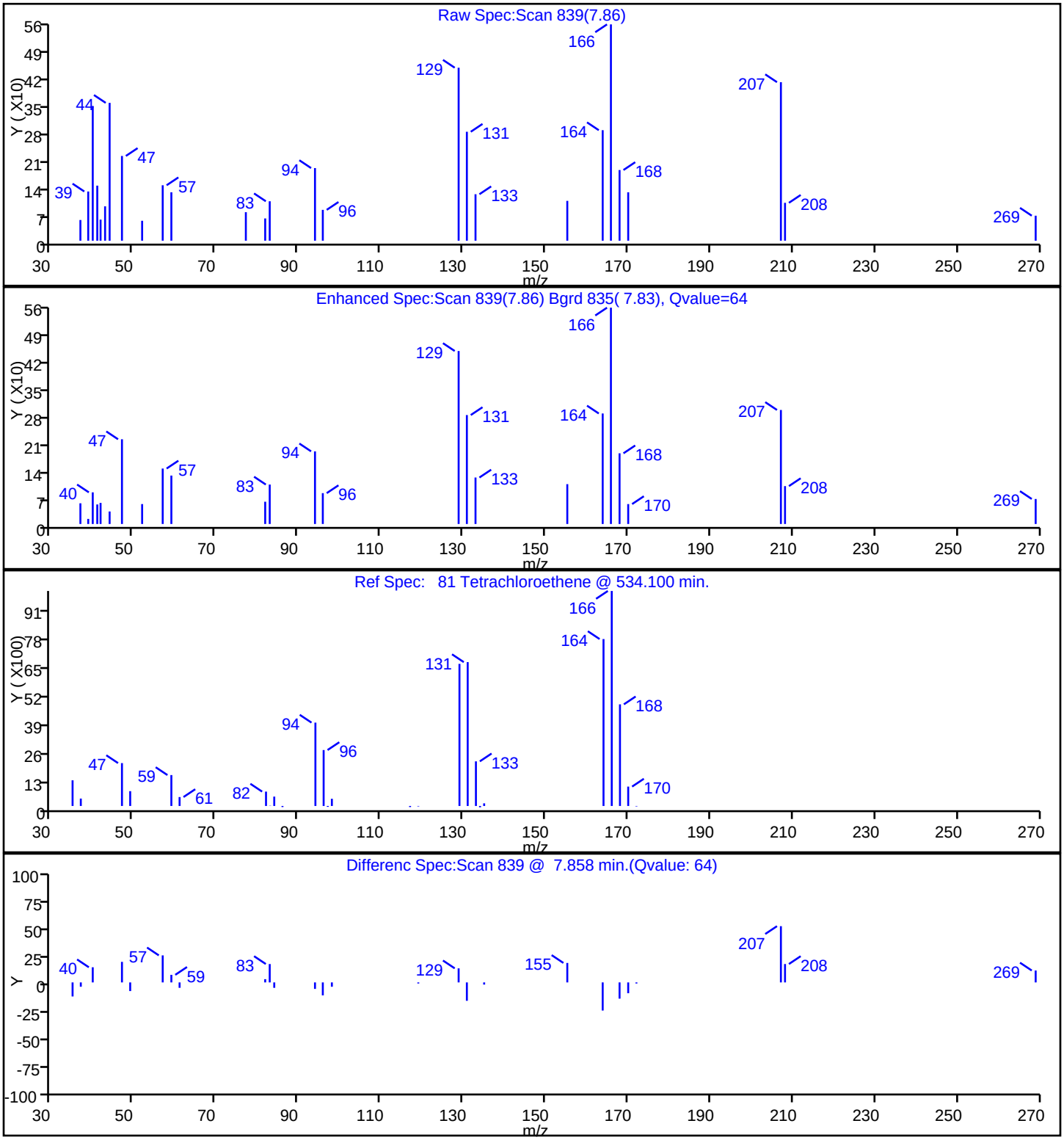
Report Date: 20-Sep-2013 16:50:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60661.D

Injection Date:	19-Sep-2013 07:21:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-26SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

81 Tetrachloroethene



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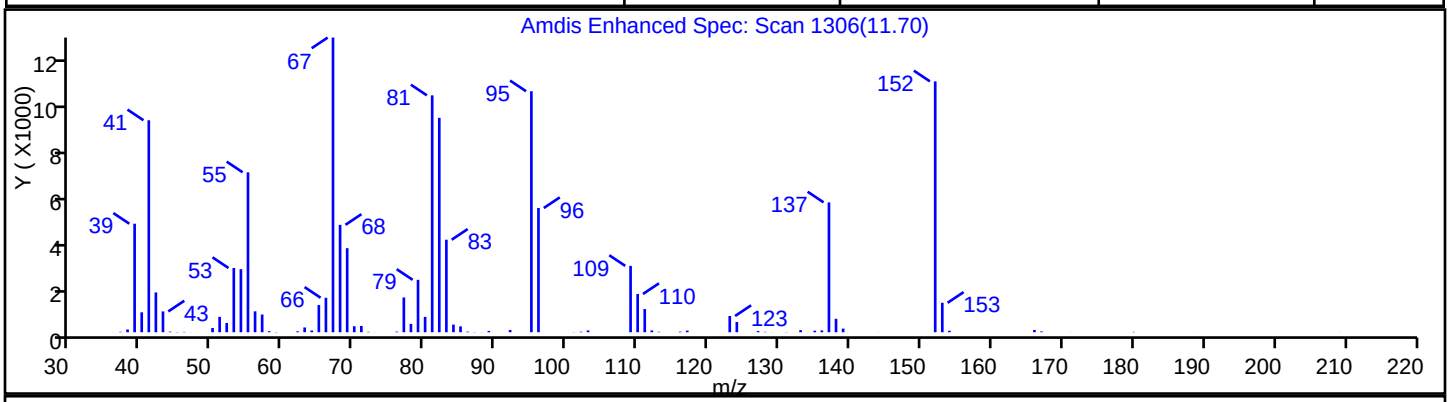
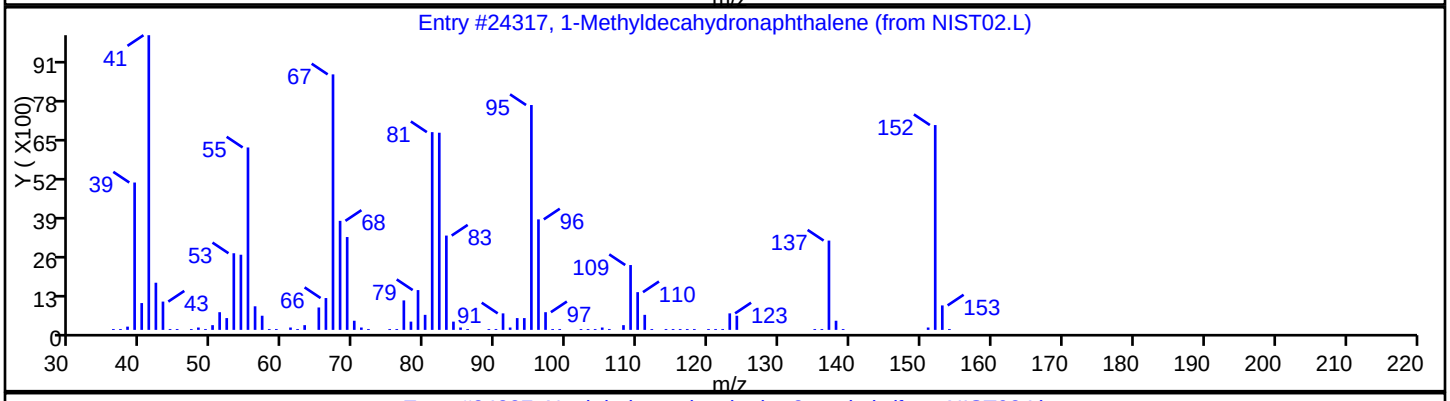
TestAmerica Edison

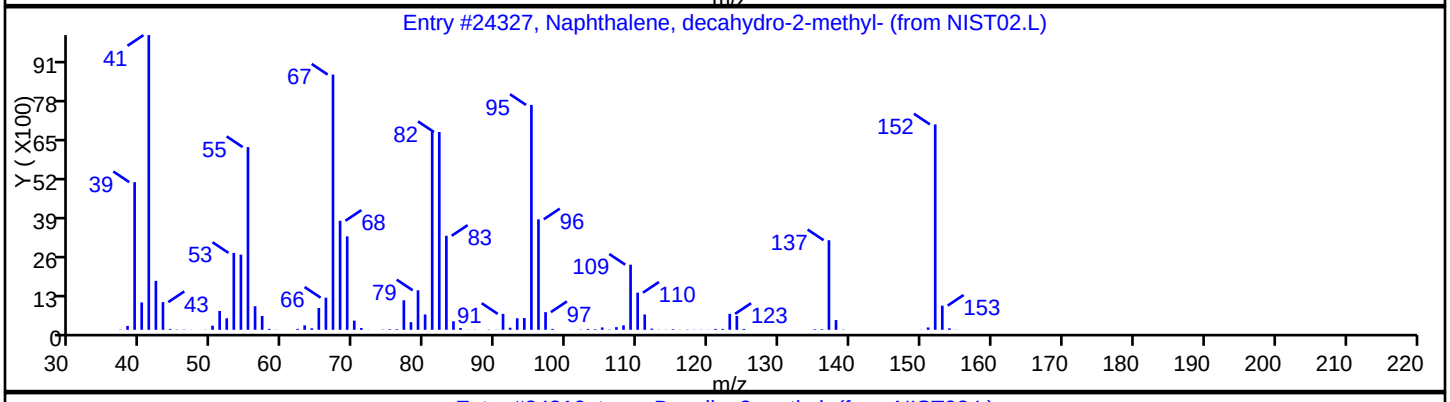
Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60661.D

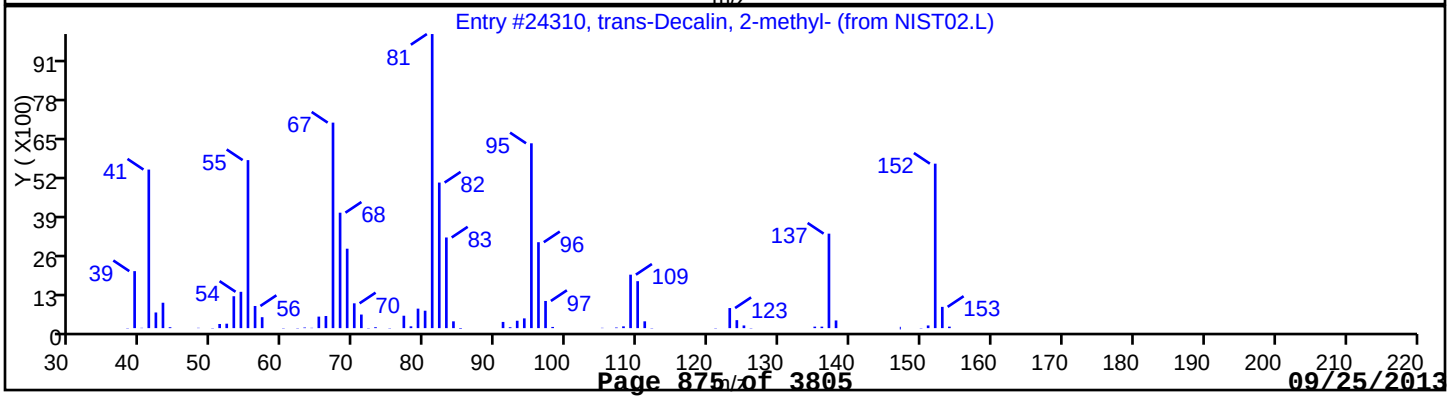
Injection Date:	19-Sep-2013 07:21:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-26SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

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-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	74









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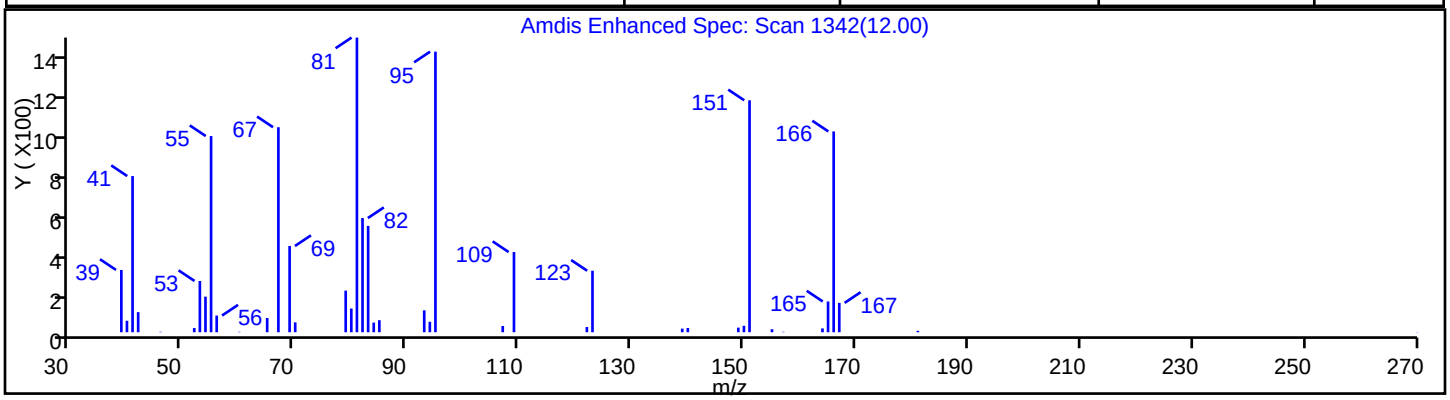
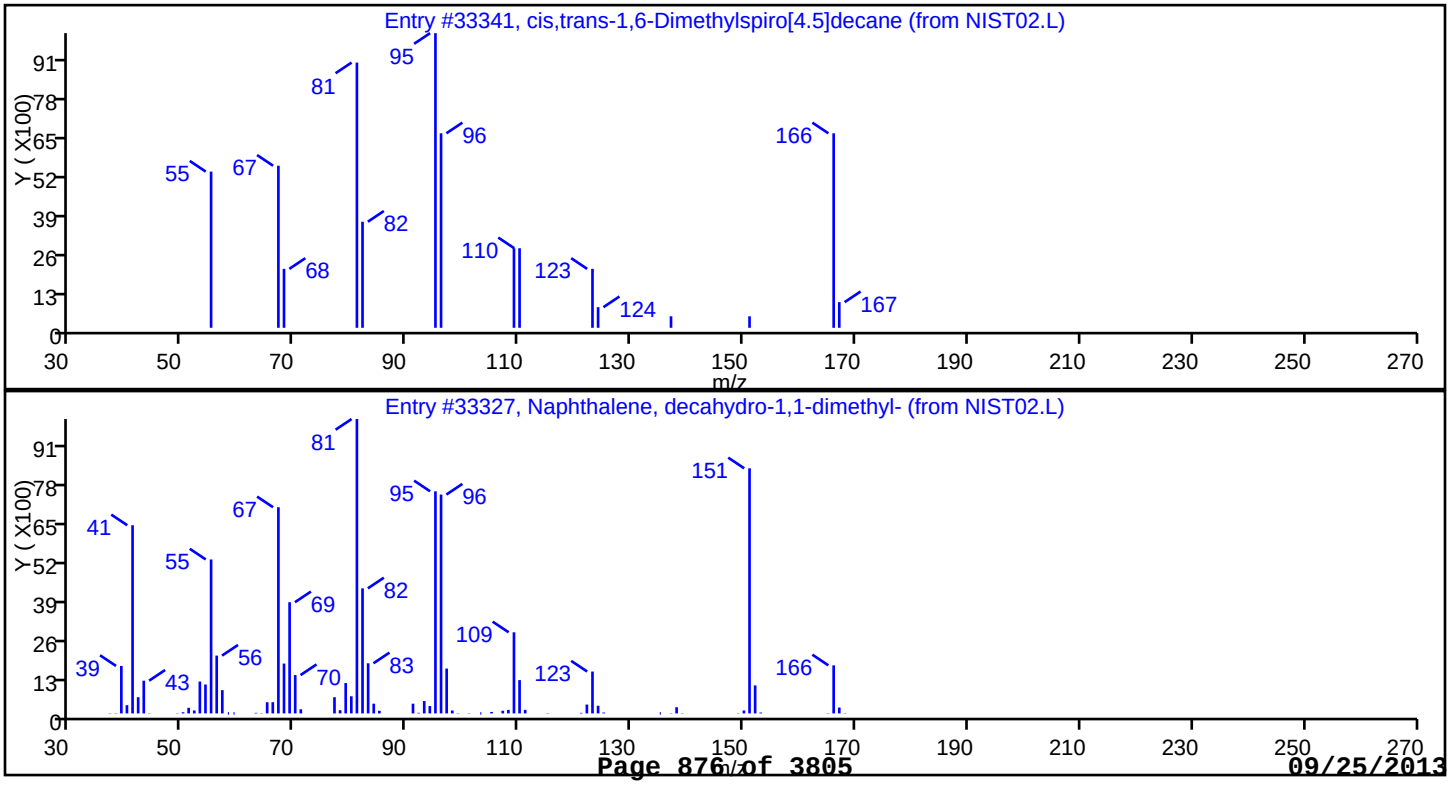
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60661.D

Injection Date:	19-Sep-2013 07:21:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-26SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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
cis,trans-1,6-Dimethylspiro[4.5]decane	1000111-72-3	NIST02.L	33341	81
Naphthalene, decahydro-1,1-dimethyl-	35431-04-0	NIST02.L	33327	72



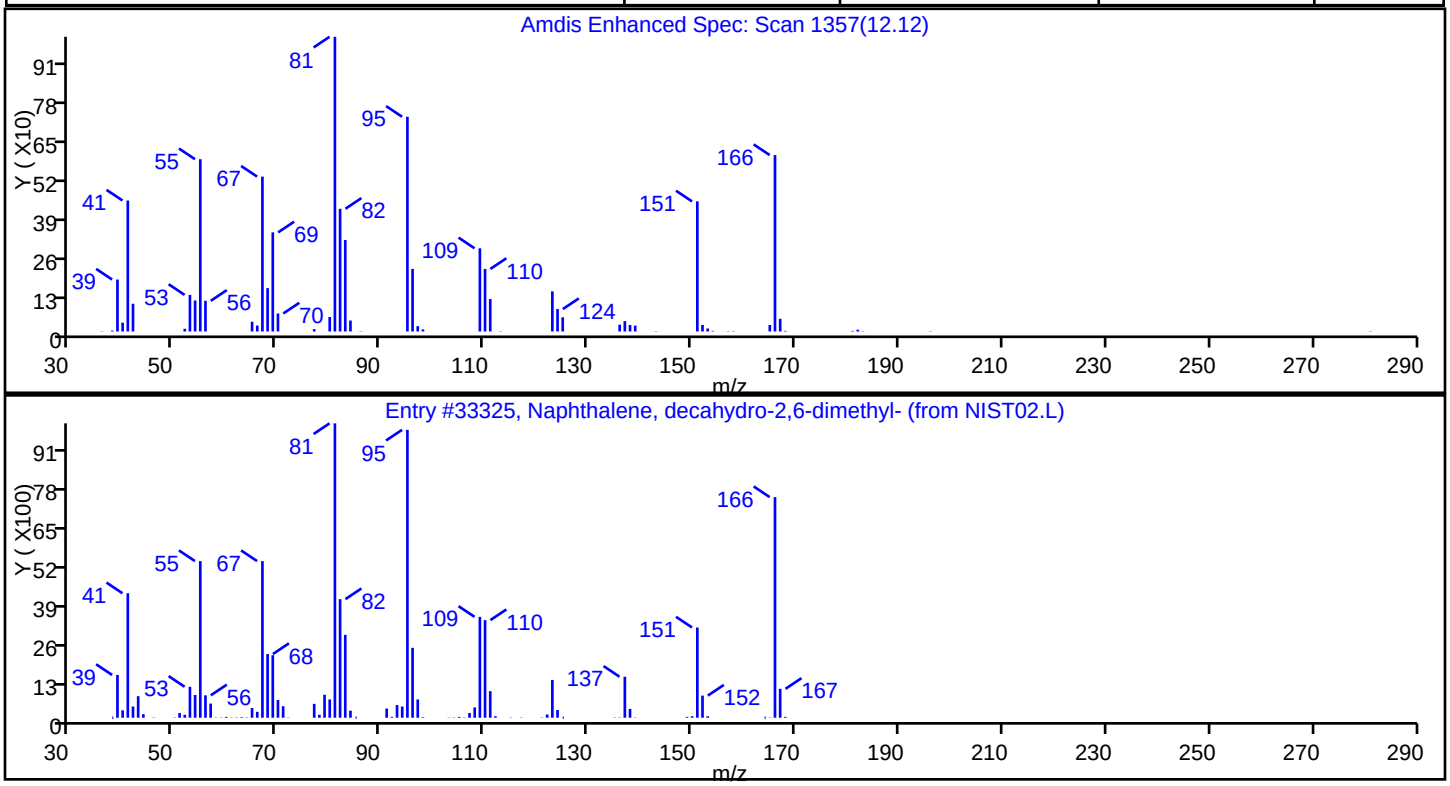


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60661.D

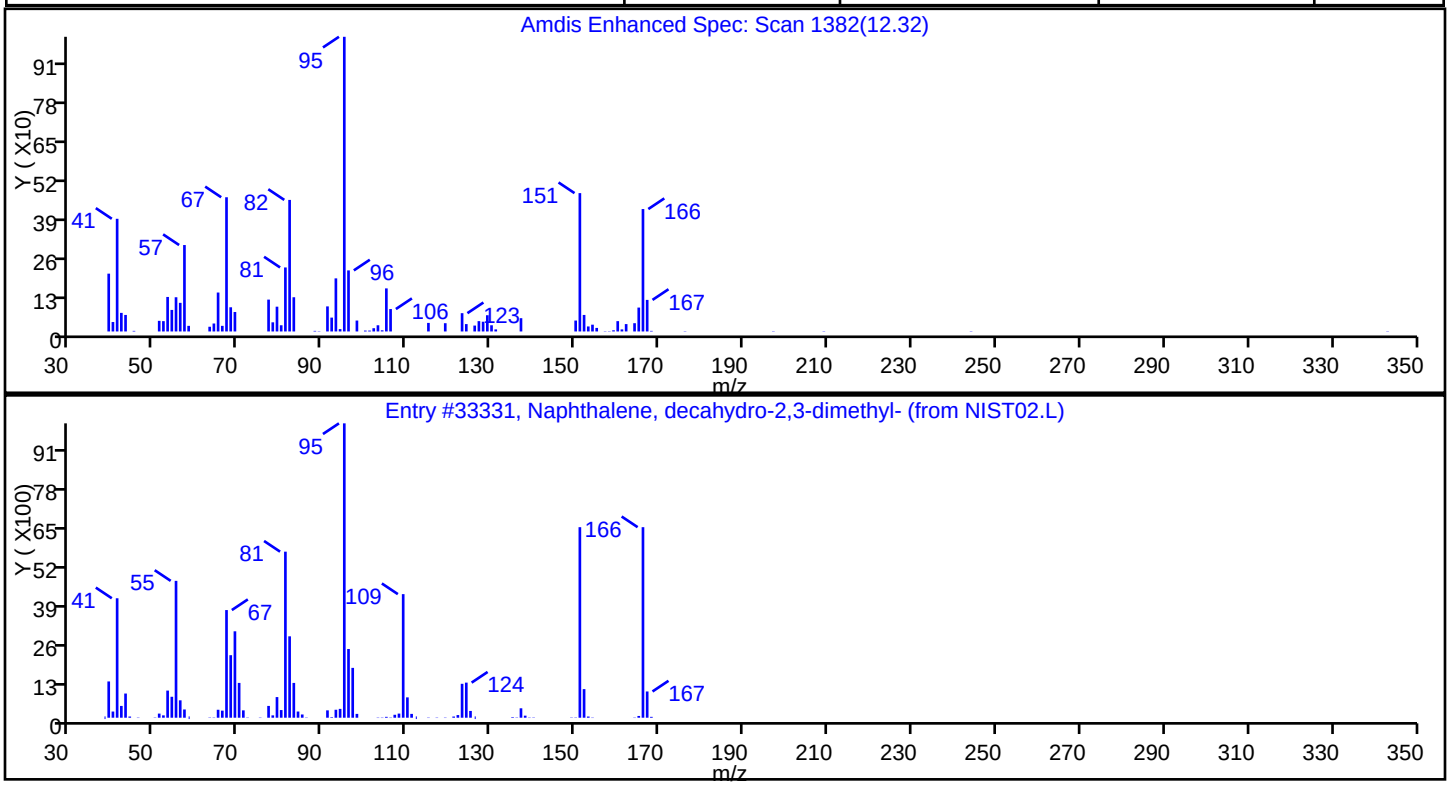
Injection Date:	19-Sep-2013 07:21:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-26SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-2,6-dimethyl-	1618-22-0	NIST02.L	33325	94



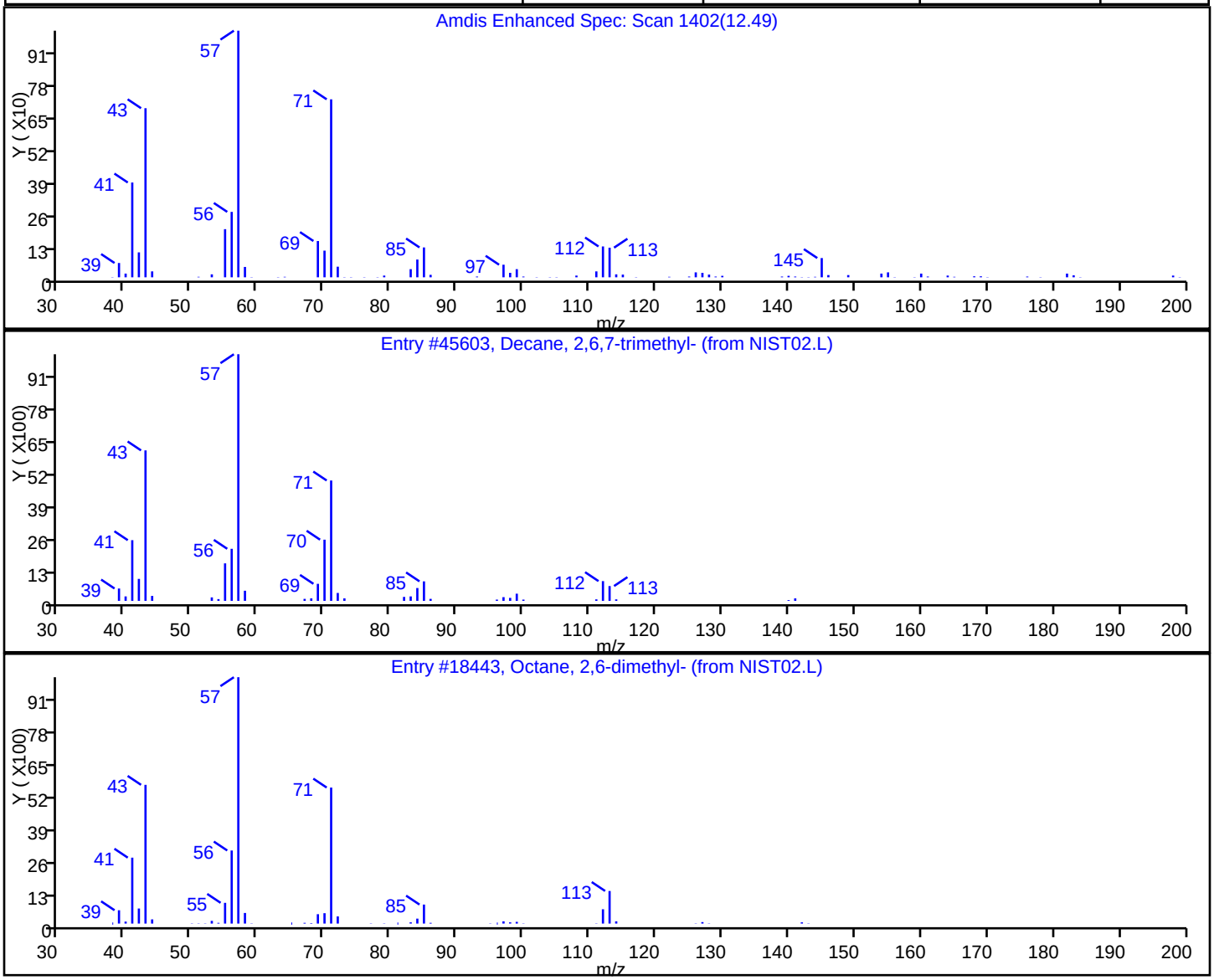
Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60661.D
Injection Date: 19-Sep-2013 07:21:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-26SE-WT Instrument ID: CVOAMS2
Lims Batch ID: 182063 Lims Sample ID: 25
Operator ID: Purge Vol: 5.000 mL
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-2,3-dimethyl-	1008-80-6	NIST02.L	33331	87



Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60661.D
Injection Date: 19-Sep-2013 07:21:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-26SE-WT Instrument ID: CVOAMS2
Lims Batch ID: 182063 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
Decane, 2,6,7-trimethyl-	62108-25-2	NIST02.L	45603	86
Octane, 2,6-dimethyl-	2051-30-1	NIST02.L	18443	72



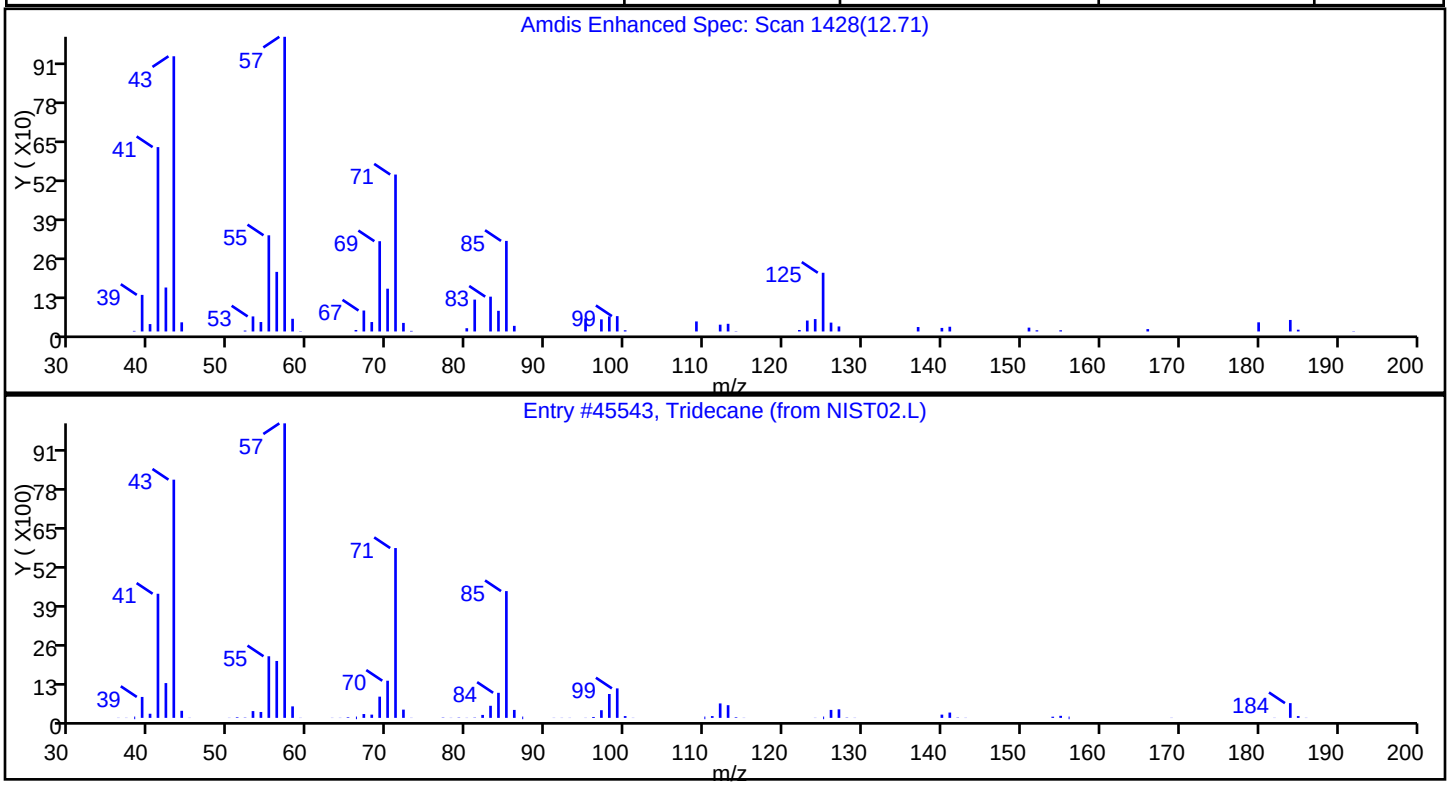
Report Date: 20-Sep-2013 16:50:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60661.D

Injection Date:	19-Sep-2013 07:21:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-26SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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
Tridecane	629-50-5	NIST02.L	45543	93



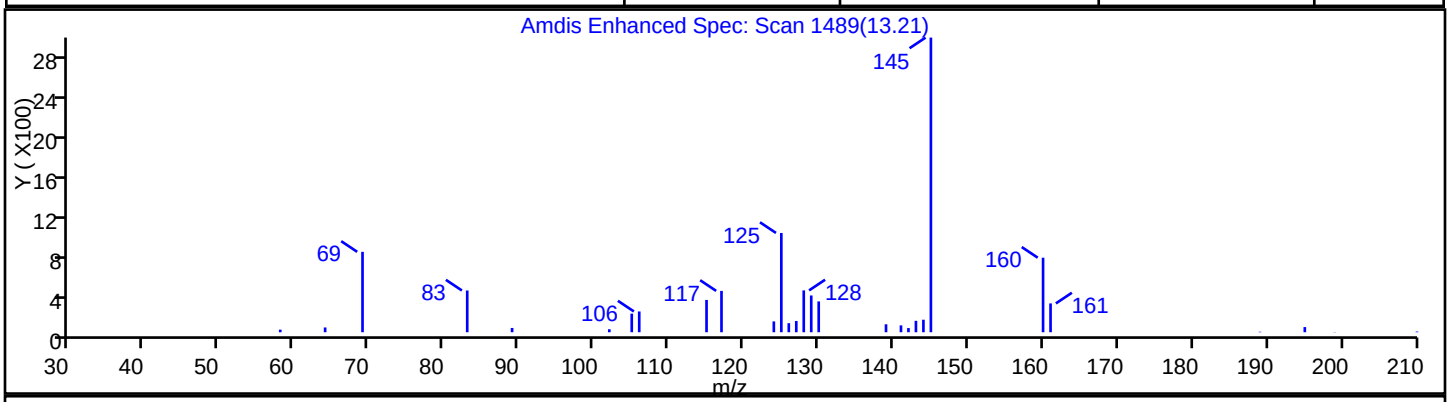
Report Date: 20-Sep-2013 16:50:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

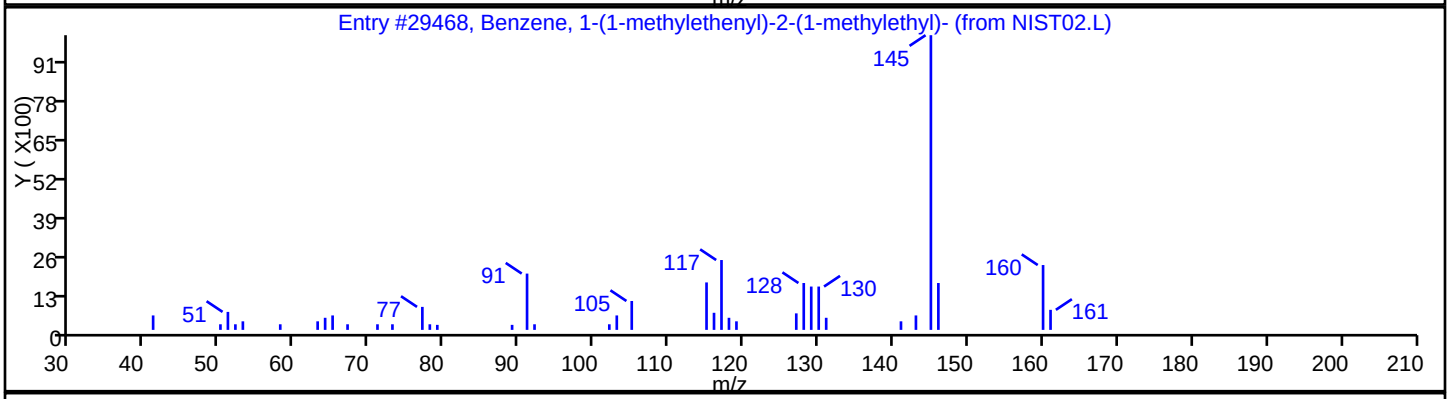
TestAmerica Edison

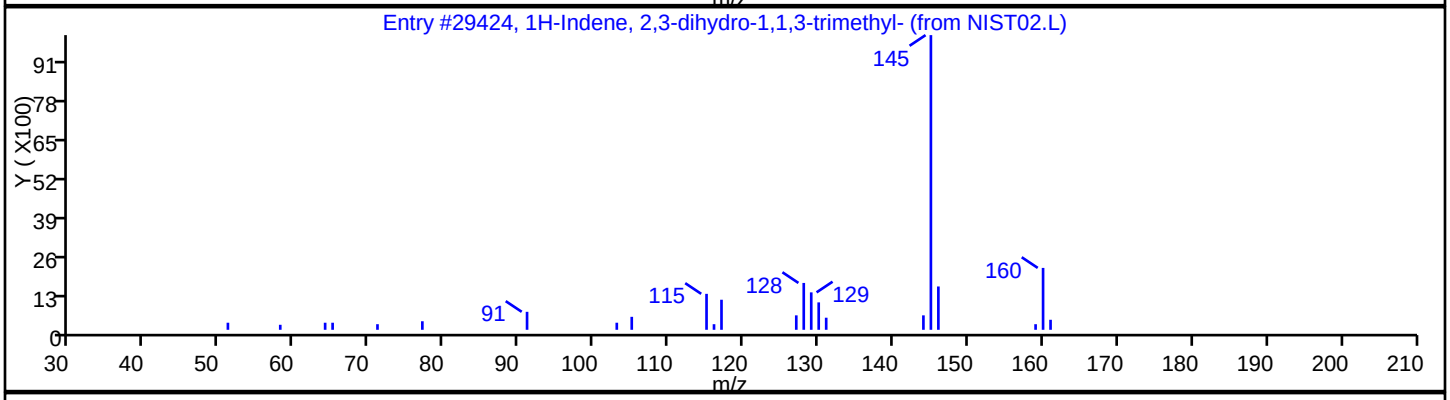
Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60661.D

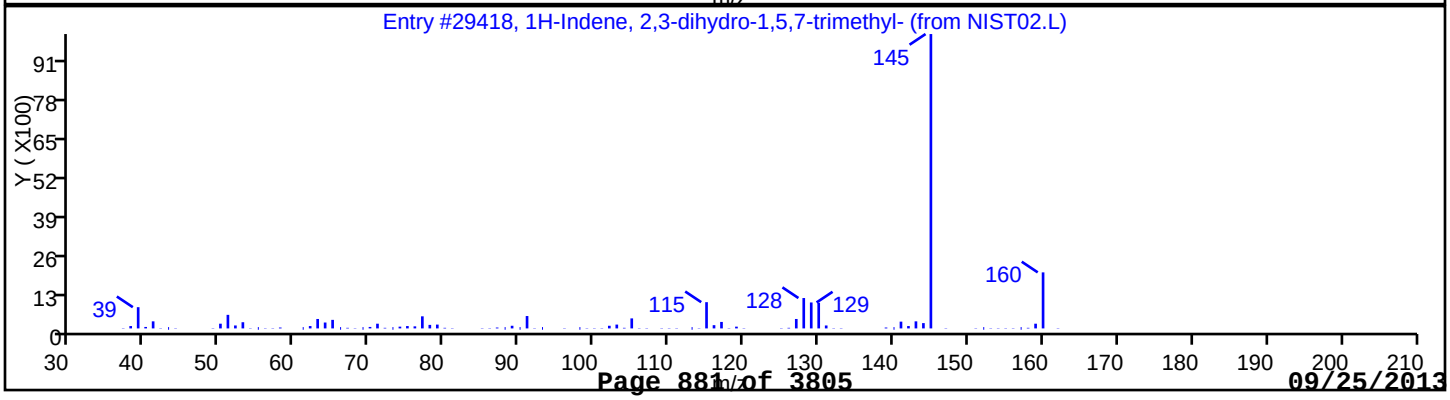
Injection Date:	19-Sep-2013 07:21:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-26SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-(1-methylethenyl)-2-(1-methyl	5557-93-7	NIST02.L	29468	87
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	2613-76-5	NIST02.L	29424	81
1H-Indene, 2,3-dihydro-1,5,7-trimethyl-	54340-88-4	NIST02.L	29418	76









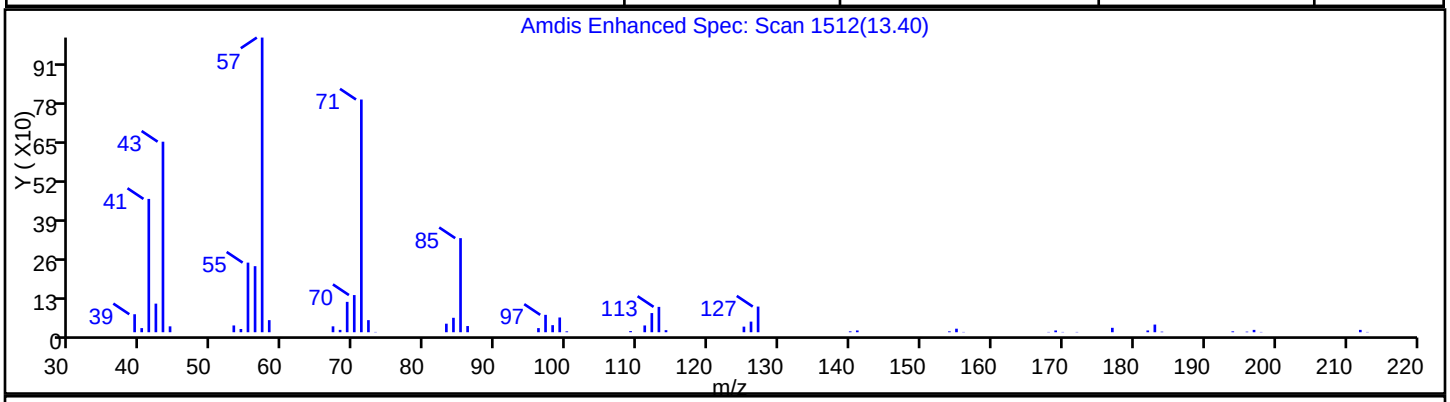
Report Date: 20-Sep-2013 16:50:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

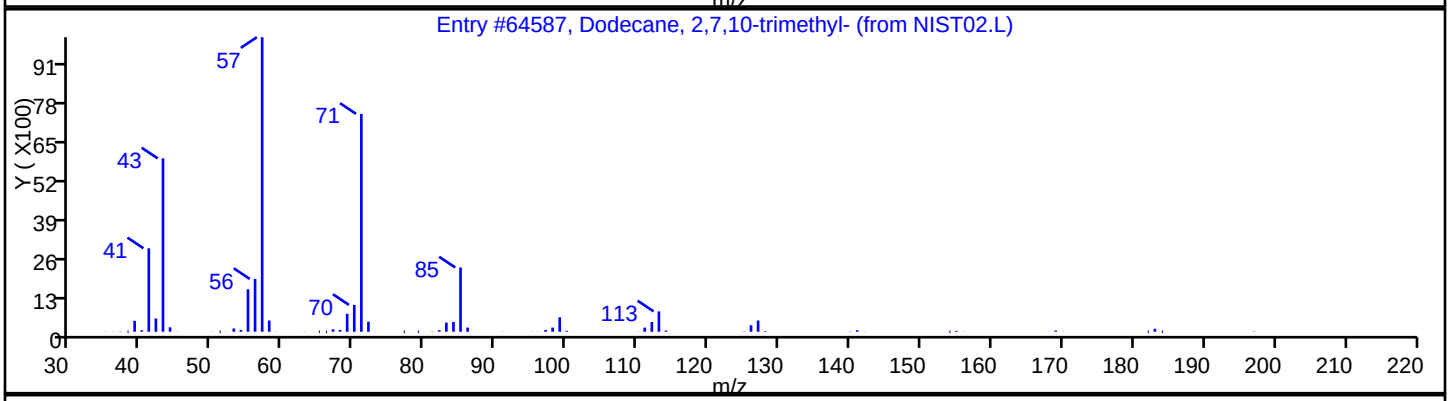
TestAmerica Edison

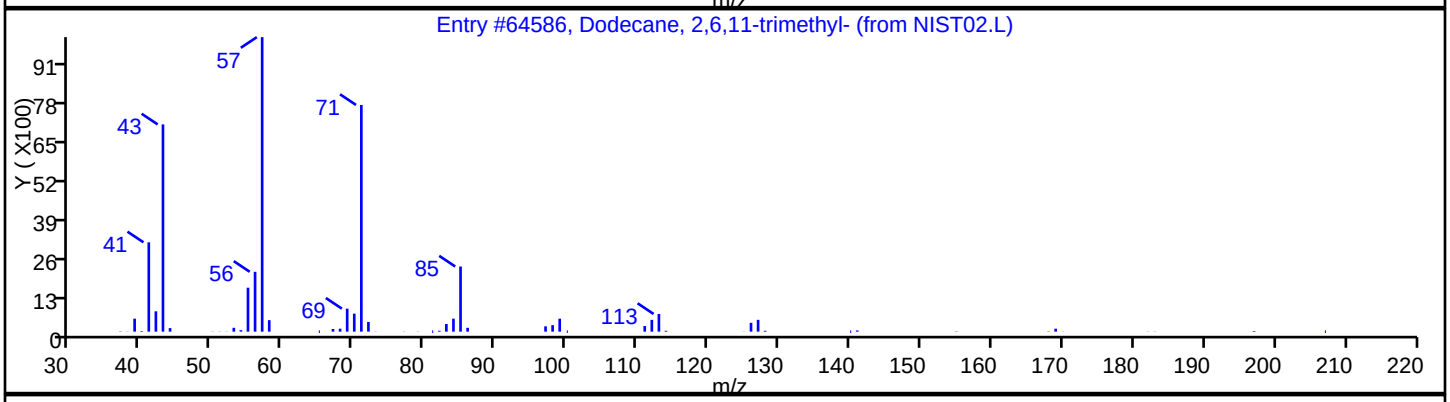
Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60661.D

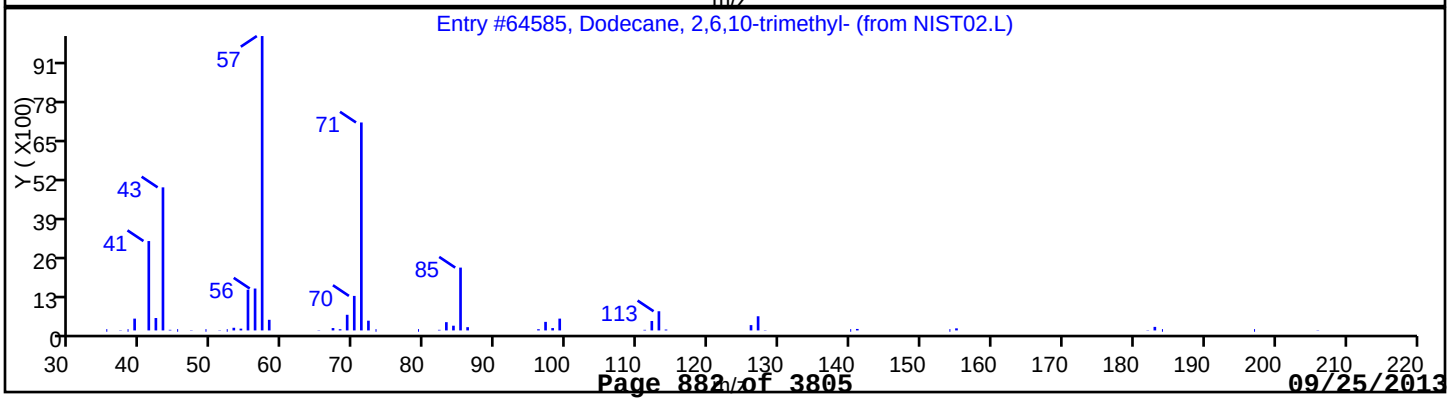
Injection Date:	19-Sep-2013 07:21:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-26SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	91
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64586	90
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64585	90









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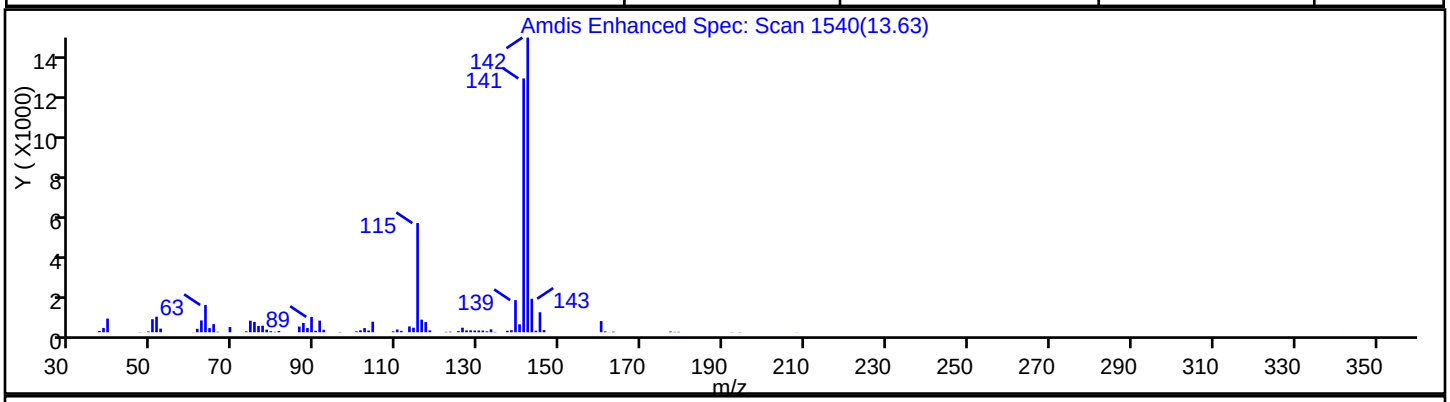
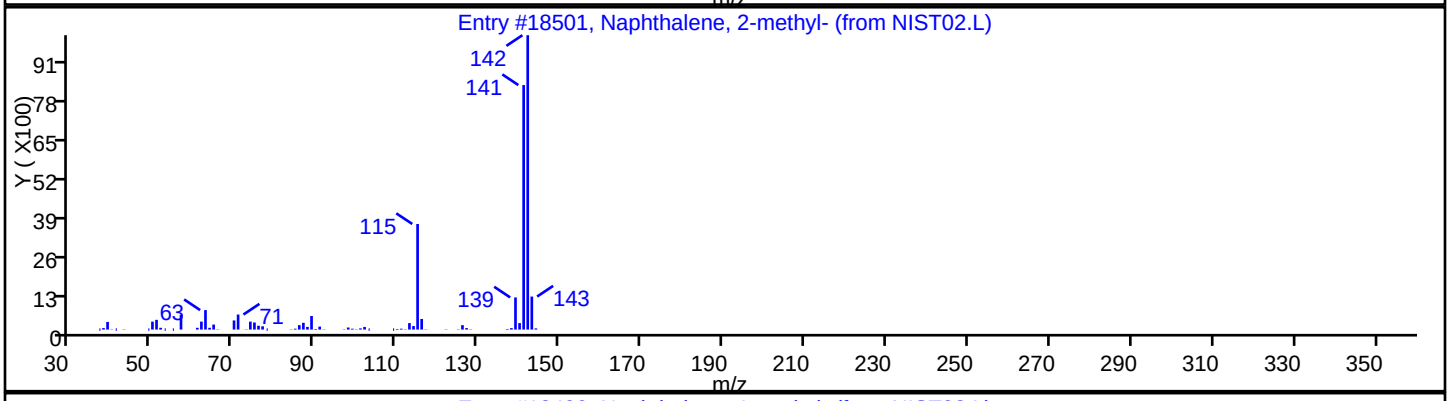
TestAmerica Edison

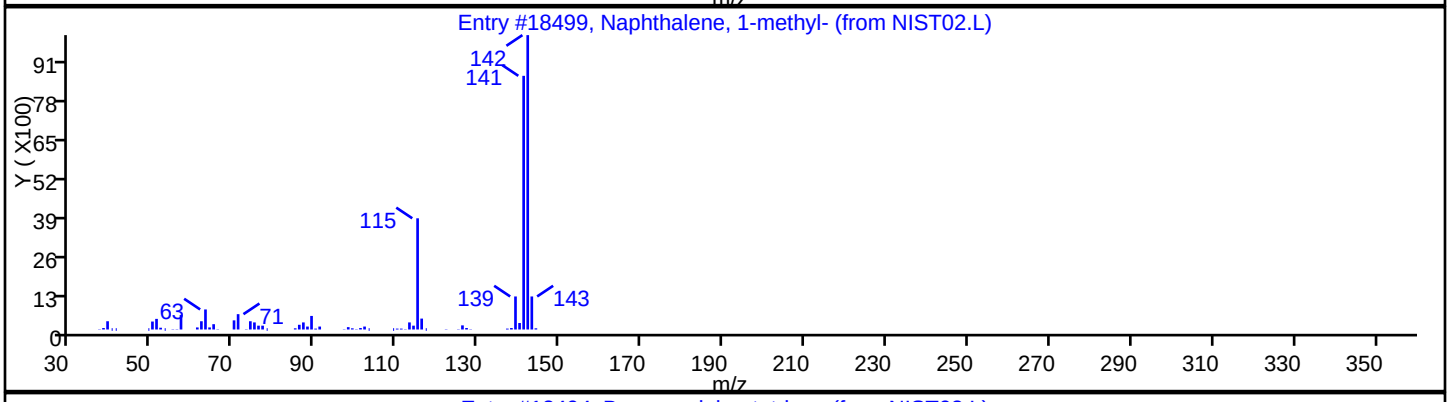
Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60661.D

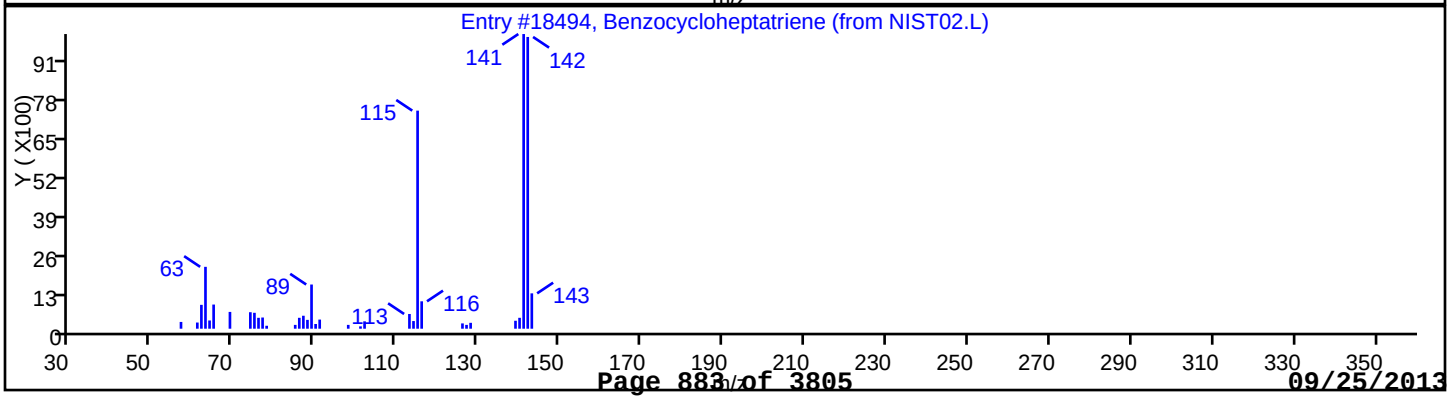
Injection Date:	19-Sep-2013 07:21:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-26SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	96
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	96
Benzocycloheptatriene	264-09-5	NIST02.L	18494	93









Report Date: 20-Sep-2013 16:50:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60661.D

Injection Date: 19-Sep-2013 07:21:30 Limit Group: VOA - 8260B Water and Solid

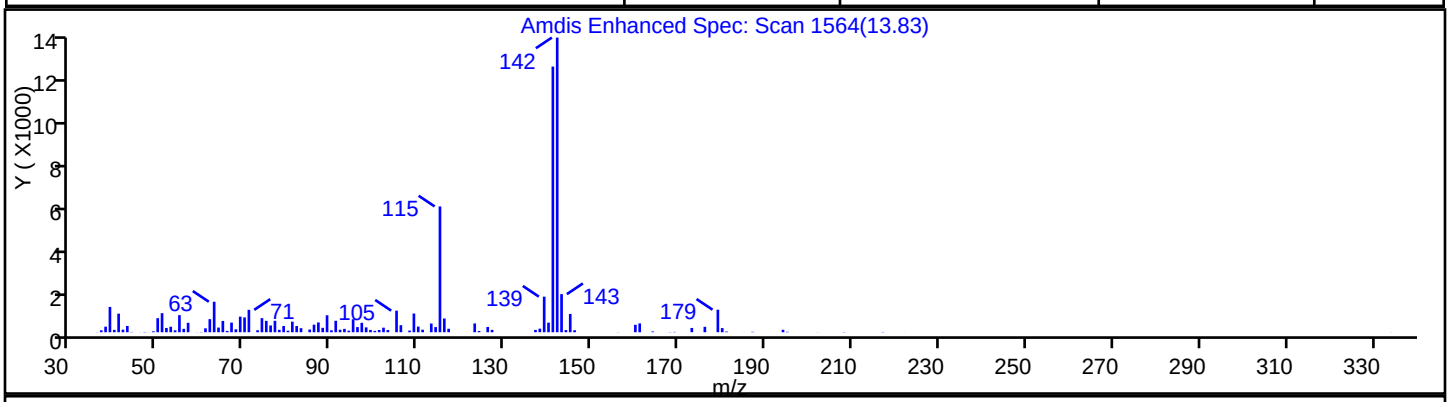
Client ID: PMP-26SE-WT Instrument ID: CVOAMS2

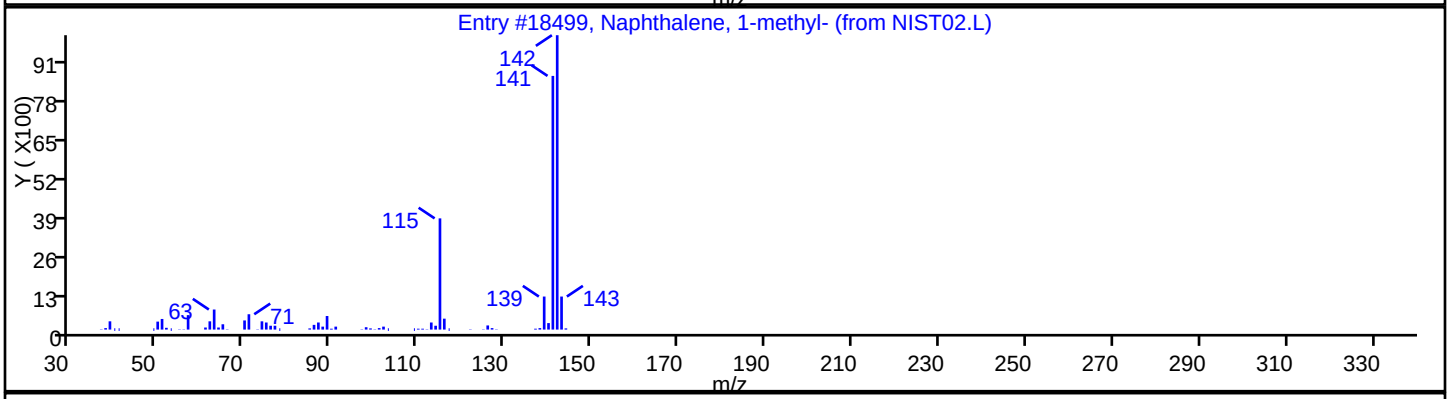
Lims Batch ID: 182063 Lims Sample ID: 25

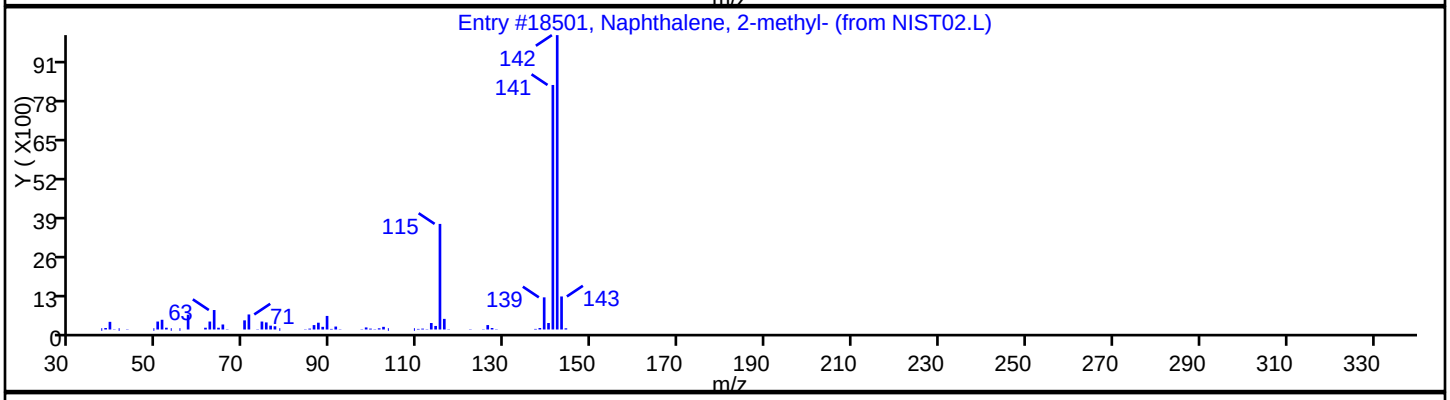
Operator ID: Purge Vol: 5.000 mL

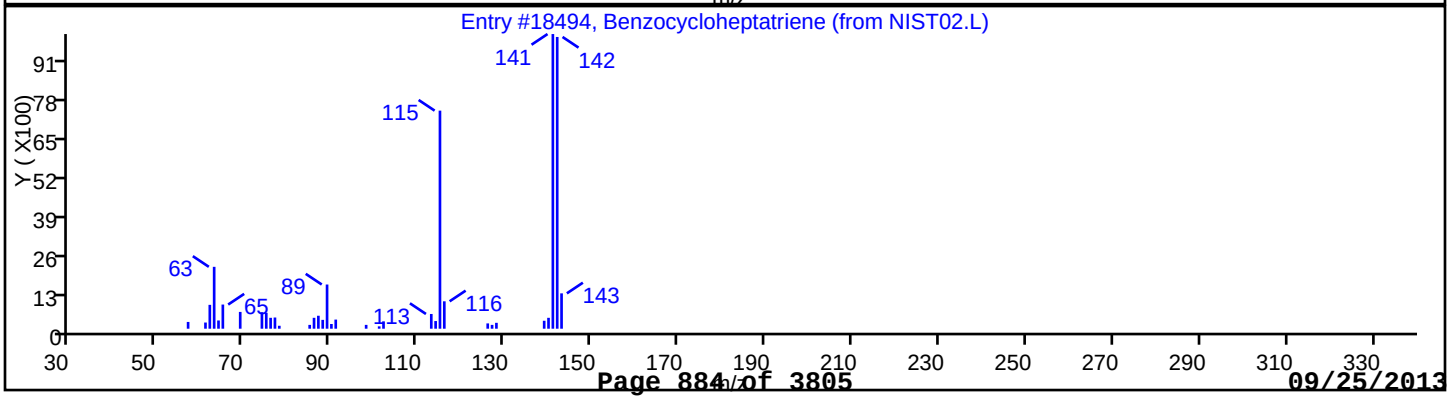
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	96
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	96
Benzocycloheptatriene	264-09-5	NIST02.L	18494	93









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-SI | Lab Sample ID: 460-62968-10

Matrix: Solid | Lab File ID: D363099.D

Analysis Method: 8260B | Date Collected: 09/12/2013 10:10

Sample wt/vol: 6.101(g) | Date Analyzed: 09/18/2013 19:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.4 | Level: (low/med) Low

Analysis Batch No.: 182028 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	0.98	0.16
74-83-9	Bromomethane	0.42	U	0.98	0.42
75-01-4	Vinyl chloride	0.33	U	0.98	0.33
75-00-3	Chloroethane	0.32	U	0.98	0.32
75-09-2	Methylene Chloride	0.15	U	0.98	0.15
67-64-1	Acetone	1.7	U *	4.9	1.7
75-15-0	Carbon disulfide	0.36	J	0.98	0.15
75-69-4	Trichlorofluoromethane	0.16	U	0.98	0.16
75-35-4	1,1-Dichloroethene	0.19	U	0.98	0.19
75-34-3	1,1-Dichloroethane	0.11	U	0.98	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	0.98	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	0.98	0.11
67-66-3	Chloroform	8.2		0.98	0.24
78-93-3	2-Butanone	0.62	U *	4.9	0.62
107-06-2	1,2-Dichloroethane	0.18	U	0.98	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	0.98	0.13
56-23-5	Carbon tetrachloride	0.15	U	0.98	0.15
71-43-2	Benzene	0.15	U	0.98	0.15
75-25-2	Bromoform	0.17	U	0.98	0.17
100-42-5	Styrene	0.27	U	0.98	0.27
100-41-4	Ethylbenzene	0.17	U	0.98	0.17
108-90-7	Chlorobenzene	0.18	U	0.98	0.18
110-82-7	Cyclohexane	0.13	U	0.98	0.13
98-82-8	Isopropylbenzene	0.11	U	0.98	0.11
591-78-6	2-Hexanone	0.13	U	4.9	0.13
1634-04-4	MTBE	0.11	U	0.98	0.11
76-13-1	Freon TF	0.11	U	0.98	0.11
79-20-9	Methyl acetate	0.31	U	0.98	0.31
123-91-1	1,4-Dioxane	12	U	20	12
79-01-6	Trichloroethene	0.12	U	0.98	0.12
108-88-3	Toluene	0.14	U	0.98	0.14
10061-02-6	trans-1,3-Dichloropropene	0.098	U	0.98	0.098
108-10-1	4-Methyl-2-pentanone	0.20	U	4.9	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.98	0.14
95-50-1	1,2-Dichlorobenzene	0.098	U	0.98	0.098
541-73-1	1,3-Dichlorobenzene	0.16	U	0.98	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-SI | Lab Sample ID: 460-62968-10

Matrix: Solid | Lab File ID: D363099.D

Analysis Method: 8260B | Date Collected: 09/12/2013 10:10

Sample wt/vol: 6.101(g) | Date Analyzed: 09/18/2013 19:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.4 | Level: (low/med) Low

Analysis Batch No.: 182028 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.83	J	0.98	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	0.98	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	0.98	0.16
78-87-5	1,2-Dichloropropane	0.15	U	0.98	0.15
108-87-2	Methylcyclohexane	0.098	U	0.98	0.098
127-18-4	Tetrachloroethene	0.12	U	0.98	0.12
1330-20-7	Xylenes, Total	0.66	U	2.9	0.66
96-12-8	1,2-Dibromo-3-Chloropropane	0.43	U	0.98	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.088	U	0.98	0.088
79-00-5	1,1,2-Trichloroethane	0.14	U	0.98	0.14
124-48-1	Dibromochloromethane	0.098	U	0.98	0.098
106-93-4	1,2-Dibromoethane	0.15	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	0.98	0.22
74-97-5	Bromochloromethane	0.11	U	0.98	0.11
75-27-4	Bromodichloromethane	0.94	J	0.98	0.31

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
2037-26-5	Toluene-d8 (Surr)	102		70-130
460-00-4	Bromofluorobenzene	95		70-130
1868-53-7	Dibromofluoromethane (Surr)	109		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-SI Lab Sample ID: 460-62968-10

Matrix: Solid Lab File ID: D363099.D

Analysis Method: 8260B Date Collected: 09/12/2013 10:10

Sample wt/vol: 6.101(g) Date Analyzed: 09/18/2013 19:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.4 Level: (low/med) Low

Analysis Batch No.: 182028 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\CVOAMS4\20130918-4780.b\D363099.D
Lims ID: 460-62968-B-10-A
Client ID: PMP-26SE-SI
Inject. Date: 18-Sep-2013 19:39:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-62968-B-10-A
Misc. Info.: 460-0004780-014
Operator:
Instrument ID: CVOAMS4
Purge Vol: 5.000 mL
ALS Bottle#: 13
Lims Batch ID: 182028
Lims Sample ID: 14
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\8260S_4.m
Last Update: 20-Sep-2013 10:03:53
Calib Date: 05-Sep-2013 06:32:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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: starzecm
Date: 18-Sep-2013 23:09:18

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
21 Carbon disulfide	76	2.021	2.012	0.010	79	5449	0.3632	
* 151 TBA-d9 (IS)	65	2.657	2.652	0.005	61	217767	1000.0	
47 Chloroform	83	3.576	3.567	0.009	92	78758	8.35	
$ 152 Dibromofluoromethane (Surr)	113	3.726	3.721	0.005	94	199766	54.6	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.178	4.164	0.014	96	200155	51.4	
* 59 Fluorobenzene	96	4.433	4.429	0.004	98	624399	50.0	
70 Dichlorobromomethane	83	5.199	5.194	0.005	53	6110	0.9577	
* 150 1,4-Dioxane-d8	96	5.406	5.406	0.0	1	13476	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.104	6.100	0.004	98	741149	50.9	
* 87 Chlorobenzene-d5	117	7.794	7.795	-0.001	85	548580	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	90	234627	47.7	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	96	317927	50.0	
117 1,4-Dichlorobenzene	146	9.745	9.745	0.0	32	11074	0.8484	

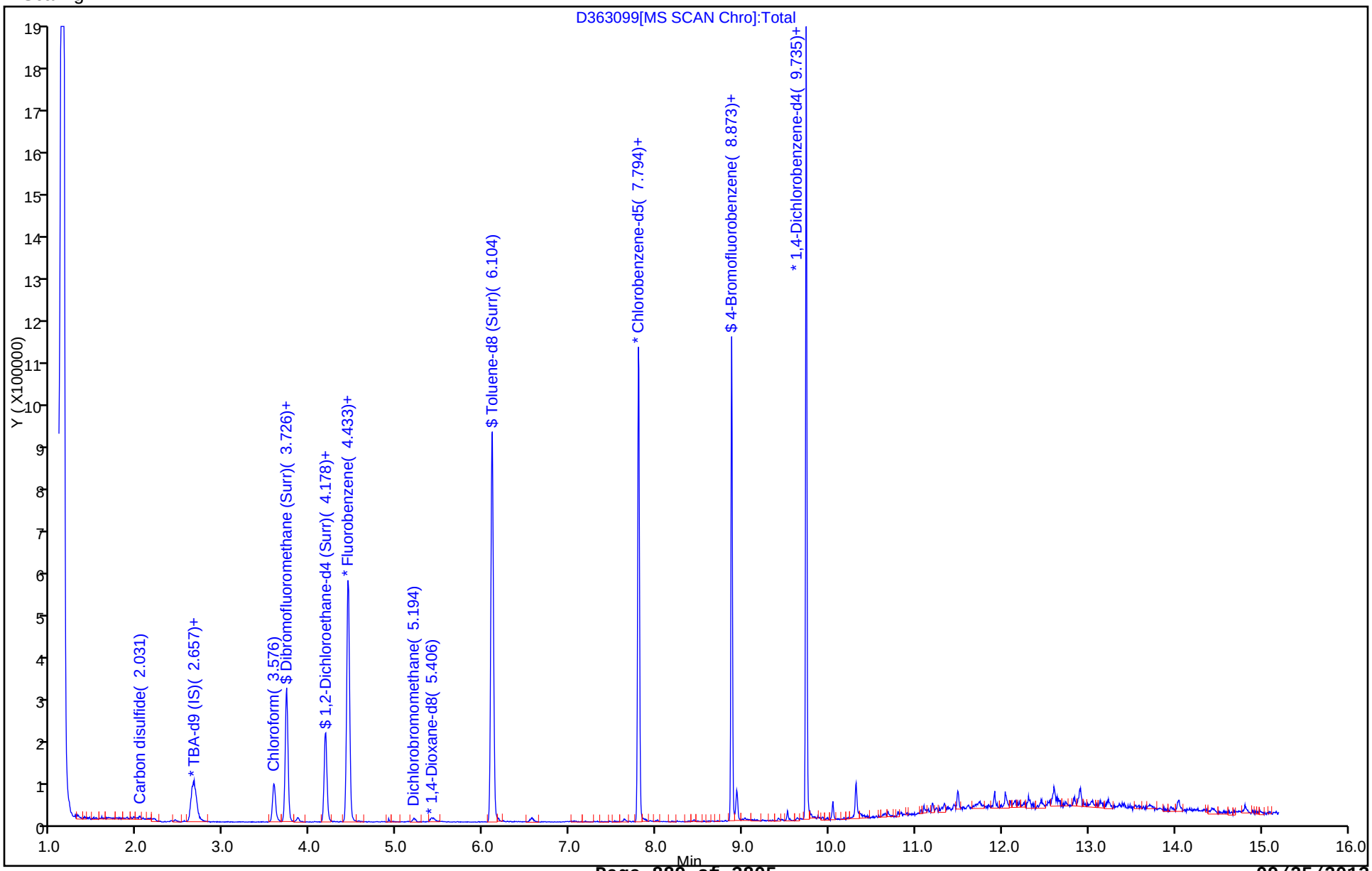
Report Date: 20-Sep-2013 10:03:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363099.D

Injection Date:	18-Sep-2013 19:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-26SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	14
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



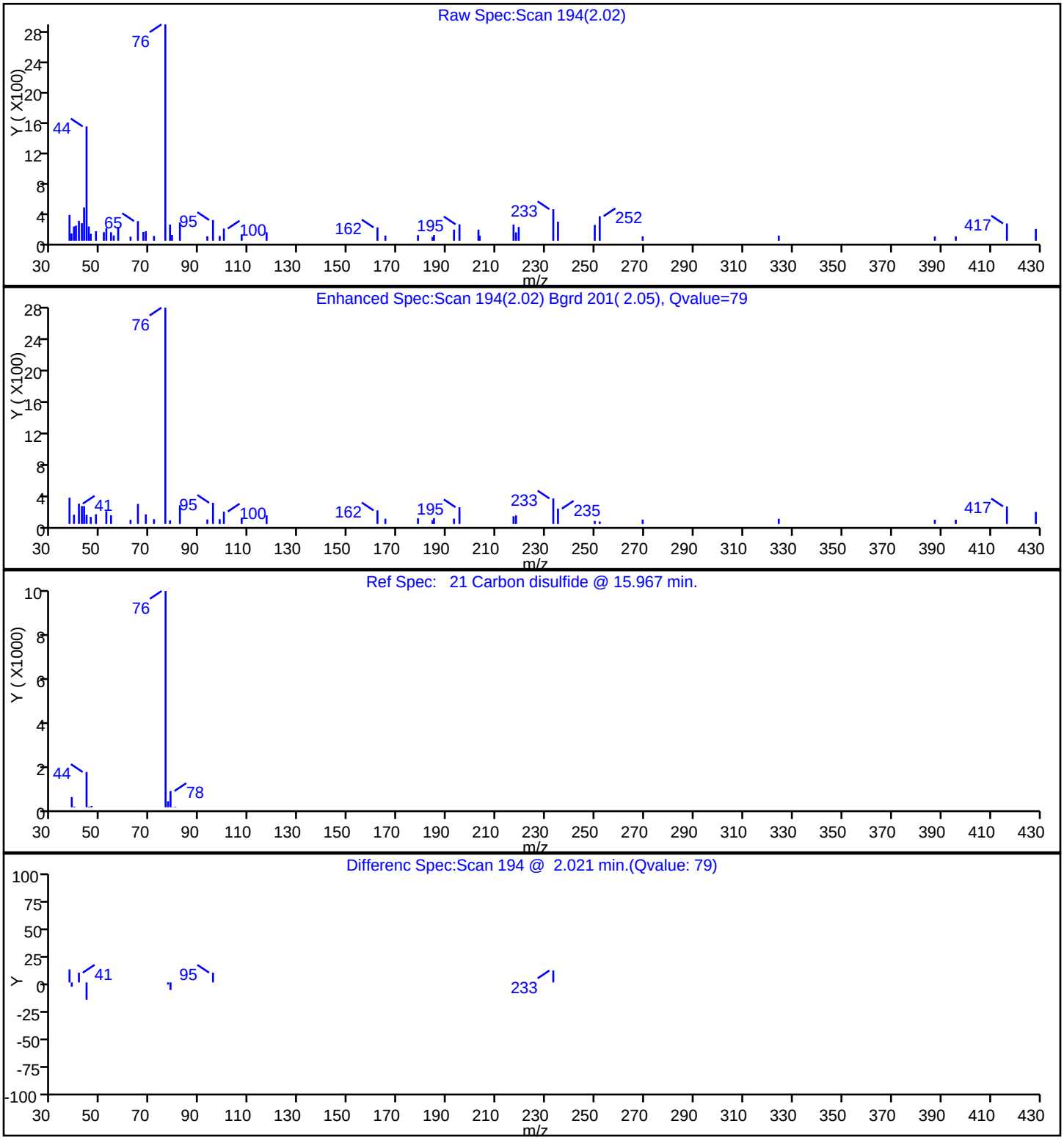
Report Date: 20-Sep-2013 10:03:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363099.D

Injection Date:	18-Sep-2013 19:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-26SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	14
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

21 Carbon disulfide



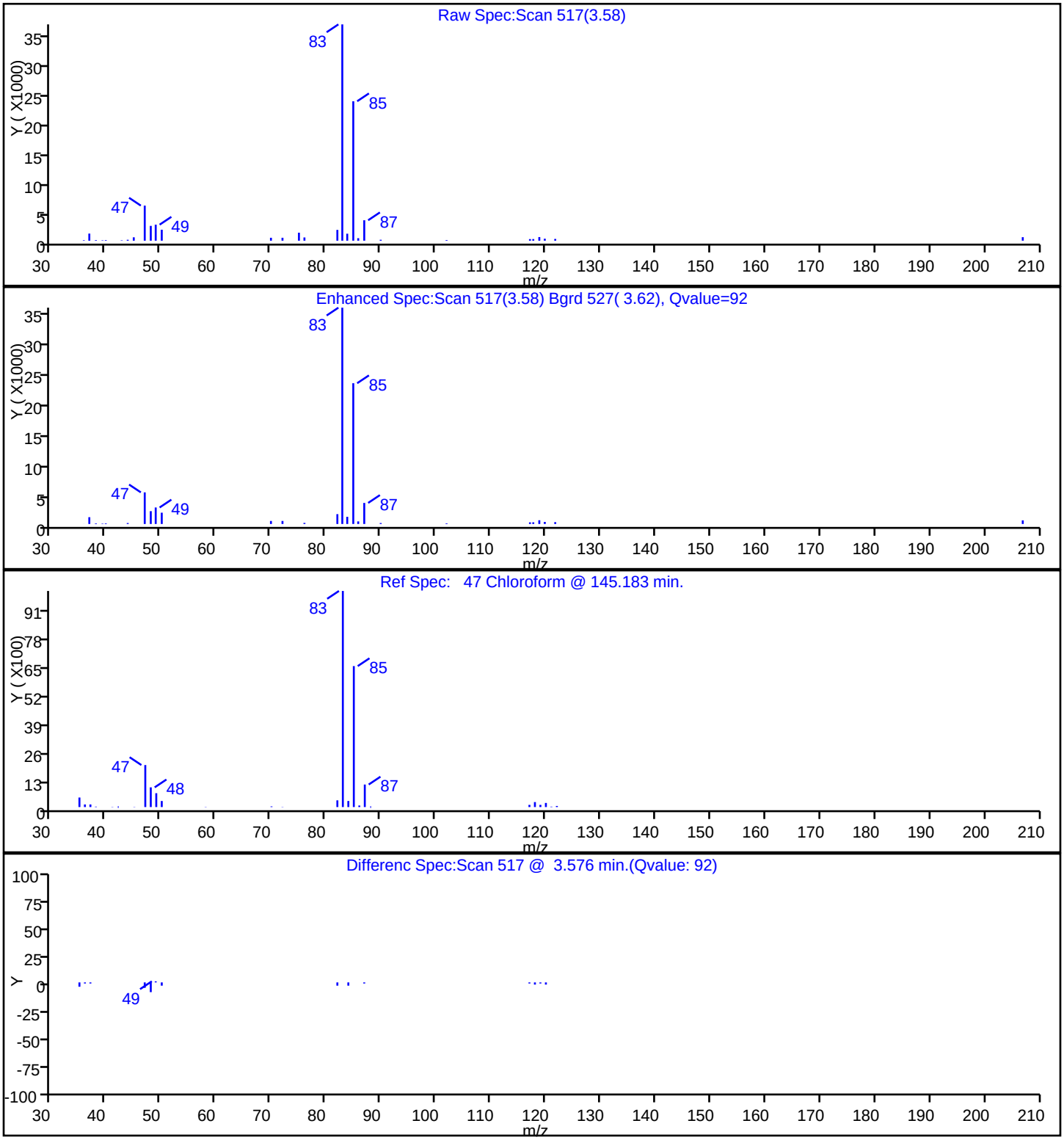
Report Date: 20-Sep-2013 10:03:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363099.D

Injection Date:	18-Sep-2013 19:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-26SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	14
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



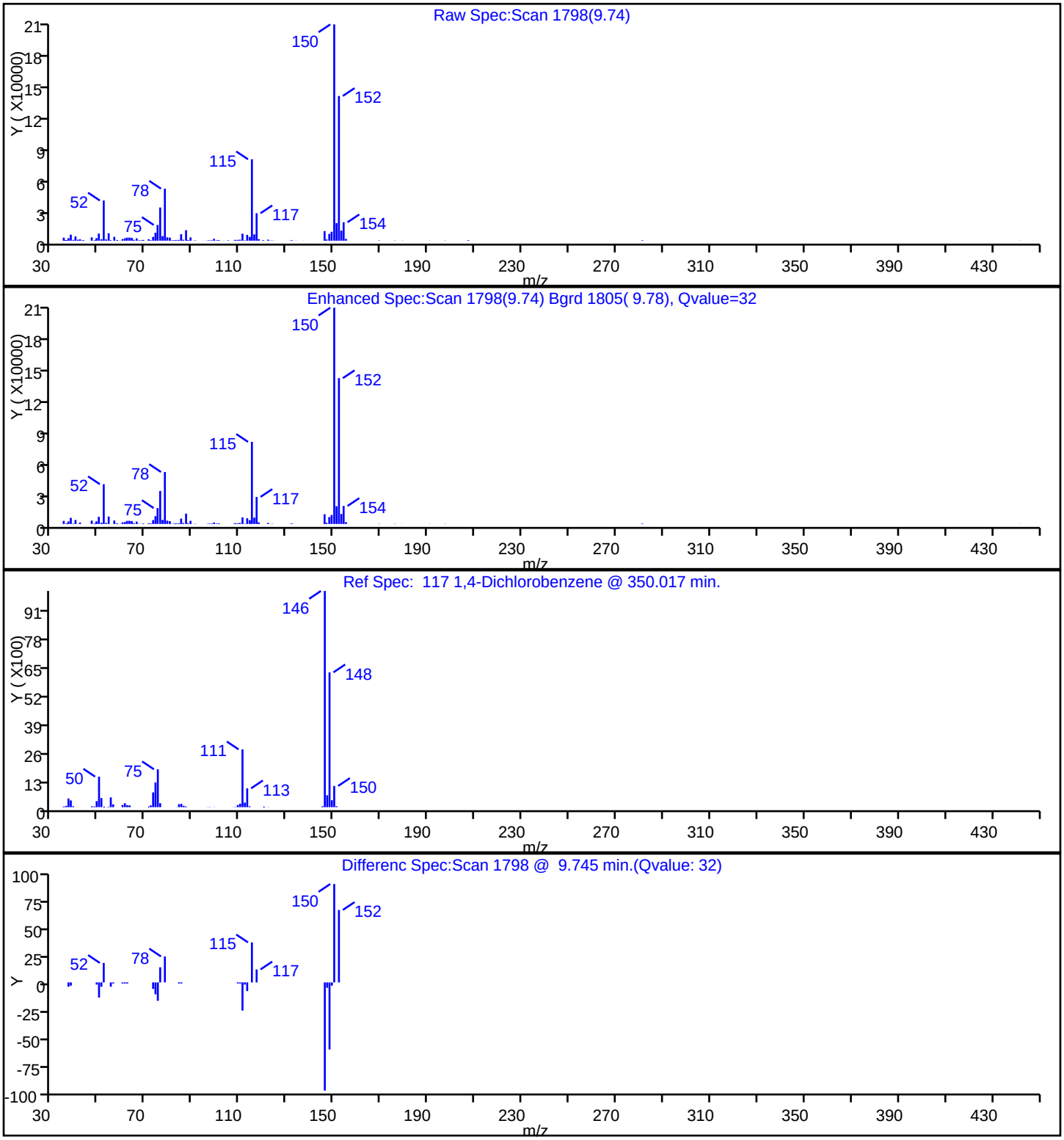
Report Date: 20-Sep-2013 10:03:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363099.D

Injection Date:	18-Sep-2013 19:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-26SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	14
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



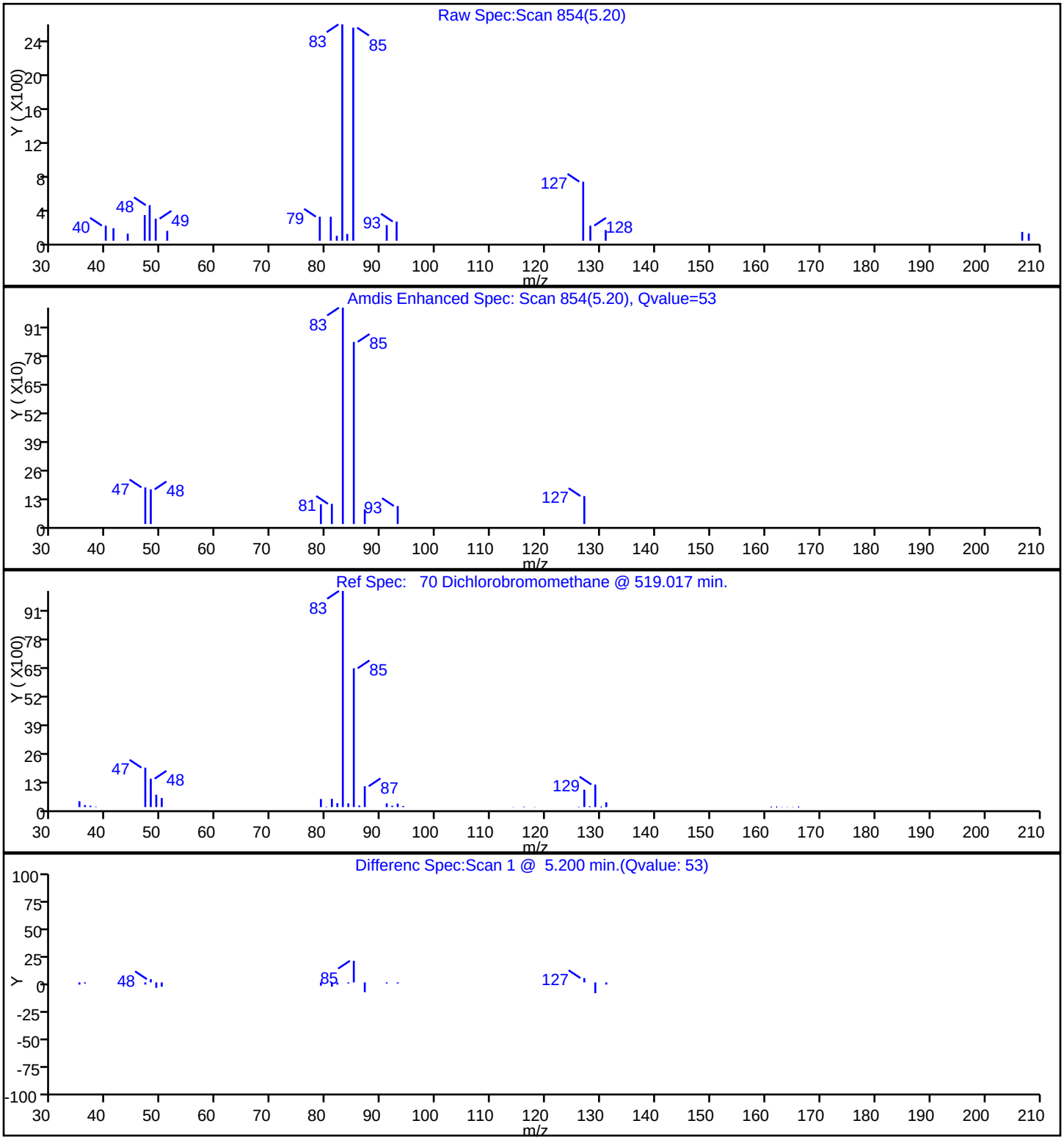
Report Date: 20-Sep-2013 10:03:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363099.D

Injection Date:	18-Sep-2013 19:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-26SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	14
Operator ID:		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-VD | Lab Sample ID: 460-62968-11

Matrix: Solid | Lab File ID: D363100.D

Analysis Method: 8260B | Date Collected: 09/12/2013 10:25

Sample wt/vol: 6.53(g) | Date Analyzed: 09/18/2013 20:03

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.: 182028 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.13	U	0.81	0.13
74-83-9	Bromomethane	0.35	U	0.81	0.35
75-01-4	Vinyl chloride	0.28	U	0.81	0.28
75-00-3	Chloroethane	0.27	U	0.81	0.27
75-09-2	Methylene Chloride	0.12	U	0.81	0.12
67-64-1	Acetone	1.4	U *	4.1	1.4
75-15-0	Carbon disulfide	0.12	U	0.81	0.12
75-69-4	Trichlorofluoromethane	0.13	U	0.81	0.13
75-35-4	1,1-Dichloroethene	0.15	U	0.81	0.15
75-34-3	1,1-Dichloroethane	0.089	U	0.81	0.089
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.81	0.11
156-59-2	cis-1,2-Dichloroethene	0.089	U	0.81	0.089
67-66-3	Chloroform	0.19	U	0.81	0.19
78-93-3	2-Butanone	0.51	U *	4.1	0.51
107-06-2	1,2-Dichloroethane	0.15	U	0.81	0.15
71-55-6	1,1,1-Trichloroethane	0.11	U	0.81	0.11
56-23-5	Carbon tetrachloride	0.12	U	0.81	0.12
71-43-2	Benzene	0.12	U	0.81	0.12
75-25-2	Bromoform	0.14	U	0.81	0.14
100-42-5	Styrene	0.23	U	0.81	0.23
100-41-4	Ethylbenzene	0.14	U	0.81	0.14
108-90-7	Chlorobenzene	0.15	U	0.81	0.15
110-82-7	Cyclohexane	0.11	U	0.81	0.11
98-82-8	Isopropylbenzene	0.089	U	0.81	0.089
591-78-6	2-Hexanone	0.11	U	4.1	0.11
1634-04-4	MTBE	0.089	U	0.81	0.089
76-13-1	Freon TF	0.089	U	0.81	0.089
79-20-9	Methyl acetate	0.26	U	0.81	0.26
123-91-1	1,4-Dioxane	10	U	16	10
79-01-6	Trichloroethene	0.097	U	0.81	0.097
108-88-3	Toluene	0.11	U	0.81	0.11
10061-02-6	trans-1,3-Dichloropropene	0.081	U	0.81	0.081
108-10-1	4-Methyl-2-pentanone	0.16	U	4.1	0.16
10061-01-5	cis-1,3-Dichloropropene	0.11	U	0.81	0.11
95-50-1	1,2-Dichlorobenzene	0.081	U	0.81	0.081
541-73-1	1,3-Dichlorobenzene	0.13	U	0.81	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-VD | Lab Sample ID: 460-62968-11

Matrix: Solid | Lab File ID: D363100.D

Analysis Method: 8260B | Date Collected: 09/12/2013 10:25

Sample wt/vol: 6.53(g) | Date Analyzed: 09/18/2013 20:03

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.: 182028 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.51	J	0.81	0.089
120-82-1	1,2,4-Trichlorobenzene	0.15	U	0.81	0.15
87-61-6	1,2,3-Trichlorobenzene	0.13	U	0.81	0.13
78-87-5	1,2-Dichloropropane	0.12	U	0.81	0.12
108-87-2	Methylcyclohexane	0.081	U	0.81	0.081
127-18-4	Tetrachloroethene	0.097	U	0.81	0.097
1330-20-7	Xylenes, Total	0.54	U	2.4	0.54
96-12-8	1,2-Dibromo-3-Chloropropane	0.36	U	0.81	0.36
79-34-5	1,1,2,2-Tetrachloroethane	0.073	U	0.81	0.073
79-00-5	1,1,2-Trichloroethane	0.11	U	0.81	0.11
124-48-1	Dibromochloromethane	0.081	U	0.81	0.081
106-93-4	1,2-Dibromoethane	0.12	U	0.81	0.12
75-71-8	Dichlorodifluoromethane	0.18	U	0.81	0.18
74-97-5	Bromochloromethane	0.089	U	0.81	0.089
75-27-4	Bromodichloromethane	0.26	U	0.81	0.26

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
2037-26-5	Toluene-d8 (Surr)	103		70-130
460-00-4	Bromofluorobenzene	96		70-130
1868-53-7	Dibromofluoromethane (Surr)	114		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-VD Lab Sample ID: 460-62968-11

Matrix: Solid Lab File ID: D363100.D

Analysis Method: 8260B Date Collected: 09/12/2013 10:25

Sample wt/vol: 6.53(g) Date Analyzed: 09/18/2013 20:03

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.: 182028 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\CVOAMS4\20130918-4780.b\D363100.D		
Lims ID:	460-62968-B-11-A	Client ID:	PMP-18SE-VD
Inject. Date:	18-Sep-2013 20:03:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-B-11-A		
Misc. Info.:	460-0004780-015		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	14
Lims Batch ID:	182028	Lims Sample ID:	15
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\8260S_4.m		
Last Update:	18-Sep-2013 23:27:42	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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:	XAWRK021		
First Level Reviewer: starzecm		Date:	18-Sep-2013 23:27:42

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.637	2.652	-0.015	62	242471	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.721	3.721	0.0	93	191271	56.9	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.169	4.164	0.005	96	193549	54.2	
* 59 Fluorobenzene	96	4.434	4.429	0.005	99	572778	50.0	
* 150 1,4-Dioxane-d8	96	5.411	5.406	0.005	1	19453	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.095	6.100	-0.005	98	700404	51.4	
* 87 Chlorobenzene-d5	117	7.795	7.795	0.0	84	513292	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	93	225694	47.9	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	96	304487	50.0	
117 1,4-Dichlorobenzene	146	9.750	9.745	0.005	35	7914	0.6331	

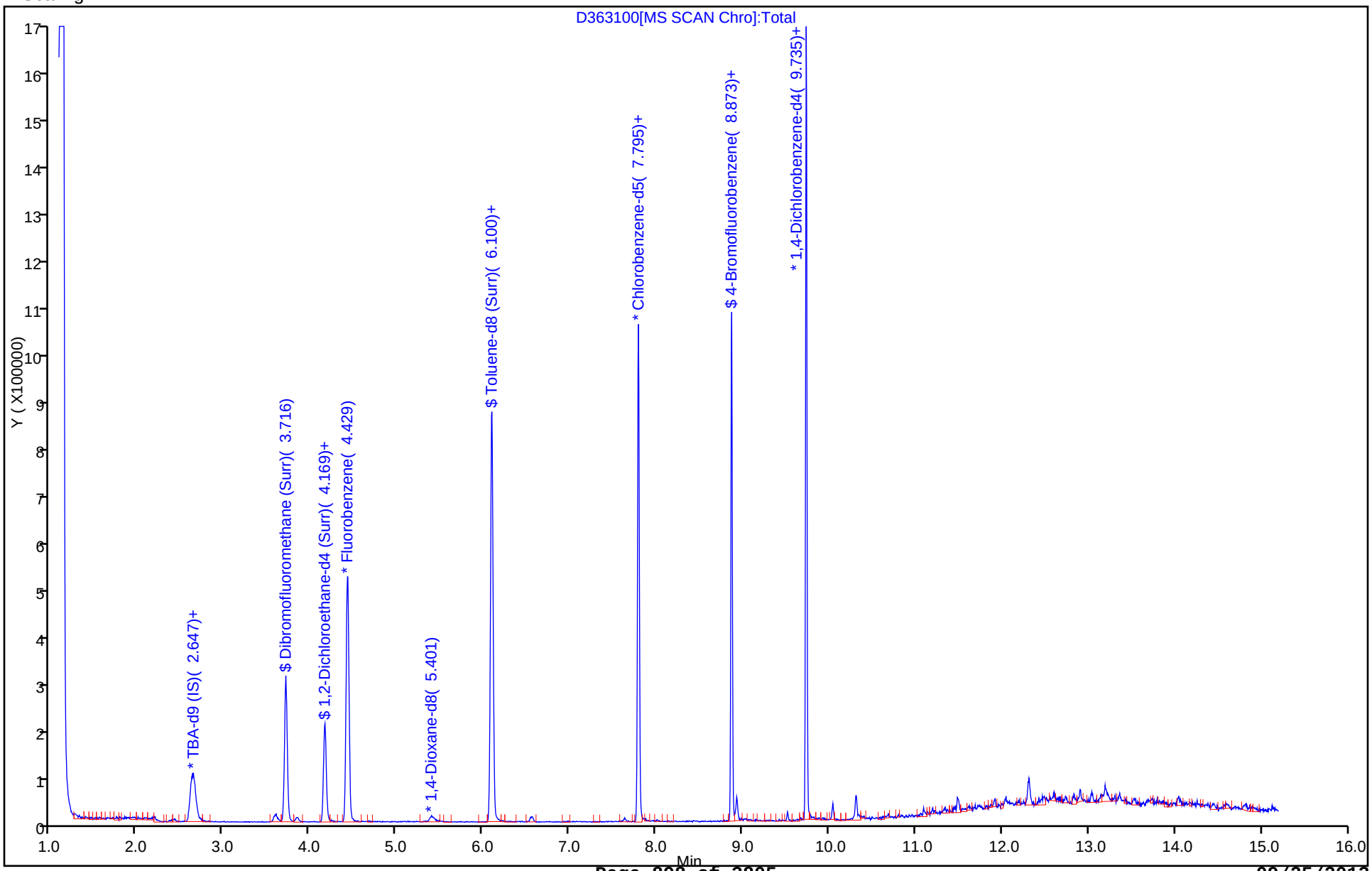
Report Date: 18-Sep-2013 23:27:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363100.D

Injection Date:	18-Sep-2013 20:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



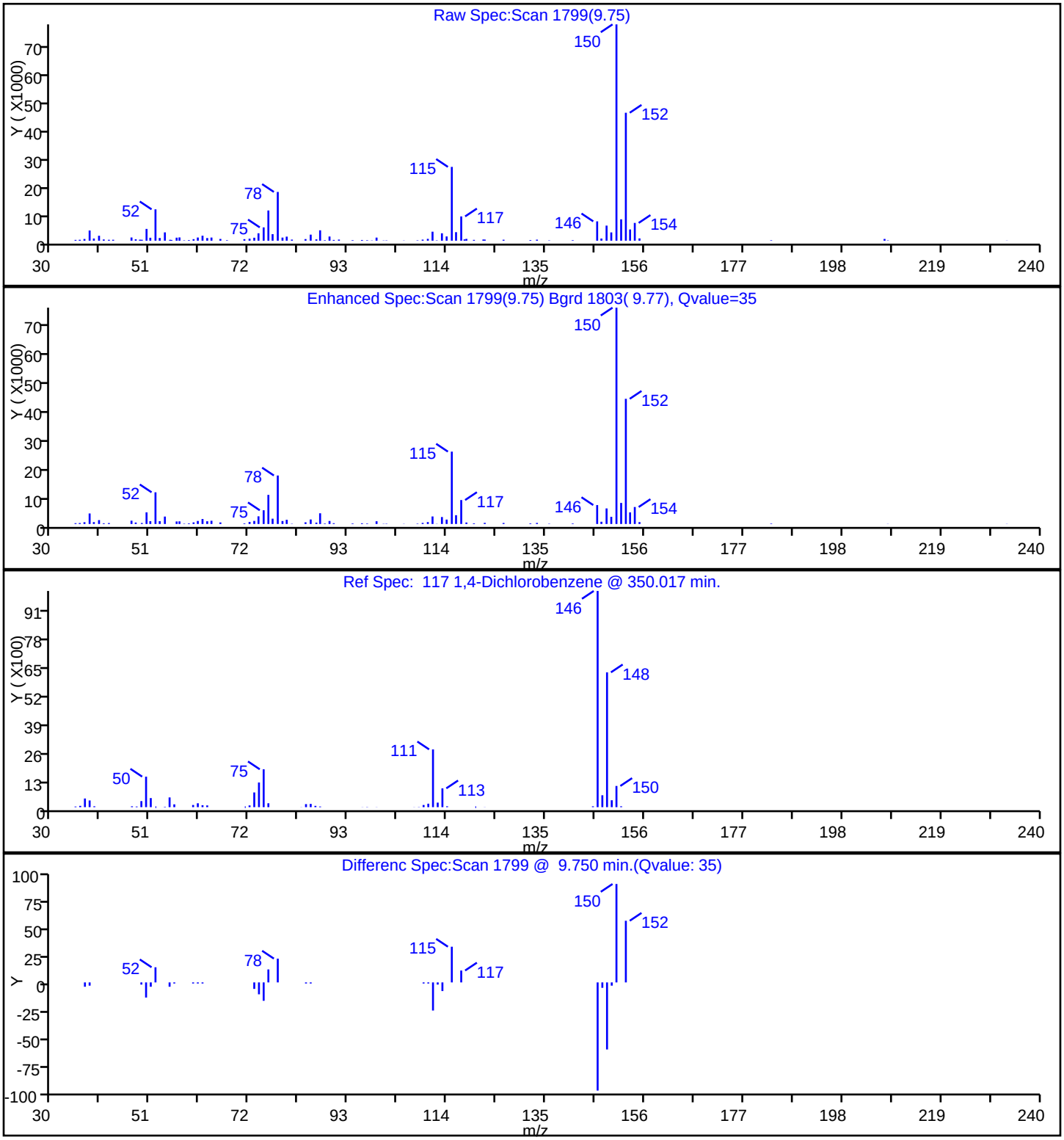
Report Date: 18-Sep-2013 23:27:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363100.D

Injection Date:	18-Sep-2013 20:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	15
Operator ID:		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-WT | Lab Sample ID: 460-62968-12

Matrix: Solid | Lab File ID: B60656.D

Analysis Method: 8260B | Date Collected: 09/12/2013 10:30

Sample wt/vol: 2.975(g) | Date Analyzed: 09/19/2013 05:26

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.6 | Level: (low/med) Medium

Analysis Batch No.: 182063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	19	U	190	19
74-83-9	Bromomethane	35	U	190	35
75-01-4	Vinyl chloride	28	U	190	28
75-00-3	Chloroethane	33	U	190	33
75-09-2	Methylene Chloride	35	U	190	35
67-64-1	Acetone	520	U	970	520
75-15-0	Carbon disulfide	24	U	190	24
75-69-4	Trichlorofluoromethane	28	U	190	28
75-35-4	1,1-Dichloroethene	17	U	190	17
75-34-3	1,1-Dichloroethane	25	U	190	25
156-60-5	trans-1,2-Dichloroethene	25	U	190	25
156-59-2	cis-1,2-Dichloroethene	34	U	190	34
67-66-3	Chloroform	37	J	190	15
78-93-3	2-Butanone	450	U	970	450
107-06-2	1,2-Dichloroethane	37	U	190	37
71-55-6	1,1,1-Trichloroethane	12	U	190	12
56-23-5	Carbon tetrachloride	11	U	190	11
71-43-2	Benzene	16	U	190	16
75-25-2	Bromoform	37	U	190	37
100-42-5	Styrene	23	U	190	23
100-41-4	Ethylbenzene	19	U	190	19
108-90-7	Chlorobenzene	21	U	190	21
110-82-7	Cyclohexane	31	U	190	31
98-82-8	Isopropylbenzene	15	U	190	15
591-78-6	2-Hexanone	97	U	970	97
1634-04-4	MTBE	27	U	190	27
76-13-1	Freon TF	16	U	190	16
79-20-9	Methyl acetate	65	U	970	65
123-91-1	1,4-Dioxane	7000	U	9700	7000
79-01-6	Trichloroethene	18	U	190	18
108-88-3	Toluene	29	U	190	29
10061-02-6	trans-1,3-Dichloropropene	47	U	190	47
108-10-1	4-Methyl-2-pentanone	190	U	970	190
10061-01-5	cis-1,3-Dichloropropene	36	U	190	36
95-50-1	1,2-Dichlorobenzene	40	U	190	40
541-73-1	1,3-Dichlorobenzene	26	U	190	26

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-WT | Lab Sample ID: 460-62968-12

Matrix: Solid | Lab File ID: B60656.D

Analysis Method: 8260B | Date Collected: 09/12/2013 10:30

Sample wt/vol: 2.975(g) | Date Analyzed: 09/19/2013 05:26

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.6 | Level: (low/med) Medium

Analysis Batch No.: 182063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	45	U	190	45
120-82-1	1,2,4-Trichlorobenzene	66	U	190	66
87-61-6	1,2,3-Trichlorobenzene	99	U	190	99
78-87-5	1,2-Dichloropropane	17	U	190	17
108-87-2	Methylcyclohexane	52	J	190	26
127-18-4	Tetrachloroethene	19	U	190	19
1330-20-7	Xylenes, Total	70	U	580	70
96-12-8	1,2-Dibromo-3-Chloropropane	78	U	190	78
79-34-5	1,1,2,2-Tetrachloroethane	31	U	190	31
79-00-5	1,1,2-Trichloroethane	36	U	190	36
124-48-1	Dibromochloromethane	39	U	190	39
106-93-4	1,2-Dibromoethane	54	U	190	54
75-71-8	Dichlorodifluoromethane	42	U	190	42
74-97-5	Bromochloromethane	53	U	190	53
75-27-4	Bromodichloromethane	24	U	190	24

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	168	X	75-135
2037-26-5	Toluene-d8 (Surr)	145		59-150
460-00-4	Bromofluorobenzene	165	X	72-133
1868-53-7	Dibromofluoromethane (Surr)	157	X	70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-WT Lab Sample ID: 460-62968-12

Matrix: Solid Lab File ID: B60656.D

Analysis Method: 8260B Date Collected: 09/12/2013 10:30

Sample wt/vol: 2.975(g) Date Analyzed: 09/19/2013 05:26

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.6 Level: (low/med) Medium

Analysis Batch No.: 182063 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 113400

CAS NO.	COMPOUND NAME	RT	RESULT	Q
493-02-7	Naphthalene, decahydro-, trans-	11.04	9400	J N
	Unknown	11.18	6800	J
	Unknown	11.25	9100	J
1000152-47-3	trans-Decalin, 2-methyl-	11.55	22000	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.70	9800	J N
	Unknown	11.97	8500	J
17301-23-4	Undecane, 2,6-dimethyl-	12.02	12000	J N
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	12.13	17000	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	12.39	12000	J N
	Unknown	12.86	6800	J

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60656.D		
Lims ID:	460-62968-A-12-A	Client ID:	PMP-18SE-WT
Inject. Date:	19-Sep-2013 05:26:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62968-A-12-A		
Misc. Info.:	460-0004786-020		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	19
Lims Batch ID:	182063	Lims Sample ID:	20
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\8260W_2.m		
Last Update:	20-Sep-2013 16:39:22	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 01:47:30

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	2.814	2.789	0.025	64	345373	1000.0	
47 Chloroform	83	4.303	4.303	0.0	54	1310	0.1894	
$ 57 Dibromofluoromethane (Surr)	113	4.484	4.484	0.0	98	314898	78.7	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.879	4.879	0.0	97	499506	84.1	
* 58 Fluorobenzene	96	5.208	5.208	0.0	97	640710	50.0	
62 Methylcyclohexane	83	5.760	5.760	0.0	43	752	0.2682	
* 65 1,4-Dioxane-d8	96	6.072	6.073	-0.001	89	38045	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.200	7.200	0.0	97	965140	72.3	
* 87 Chlorobenzene-d5	117	8.764	8.764	0.0	89	534558	50.0	
$ 97 4-Bromofluorobenzene	174	9.858	9.850	0.008	93	433377	82.4	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	94	323257	50.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60656.D		
Lims ID:	460-62968-A-12-A	Client ID:	PMP-18SE-WT
Inject. Date:	19-Sep-2013 05:26:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62968-A-12-A		
Misc. Info.:	460-0004786-020		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	19
Lims Batch ID:	182063	Lims Sample ID:	20
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\8260W_2.m		
Last Update:	20-Sep-2013 16:39:22	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 01:47:30

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
493-02-7 Naphthalene, decahydro-, trans-						
11.043	2159642	48.6	115	96	16320	
Unknown						
11.183	1557251	35.0	115			
Unknown						
11.249	2080845	46.8	115	0	0	
1000152-47-3 trans-Decalin, 2-methyl-						
11.545	5089870	114.5	115	95	24310	
2958-76-1 Naphthalene, decahydro-2-methyl-						
11.702	2230529	50.2	115	98	24327	
Unknown						
11.973	1938719	43.6	115			
17301-23-4 Undecane, 2,6-dimethyl-						
12.023	2778752	62.5	115	92	45591	
1618-22-0 Naphthalene, decahydro-2,6-dimethyl-						
12.130	3883078	87.4	115	87	33325	
54676-39-0 Cyclohexane, 2-butyl-1,1,3-trimethyl-						
12.393	2809446	63.2	115	81	44161	
Unknown						
12.862	1557811	35.1	115			

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 115 1,4-Dichlorobenzene-d4	10.813	2222225	50.0

QC Flag Legend

Processing Flags

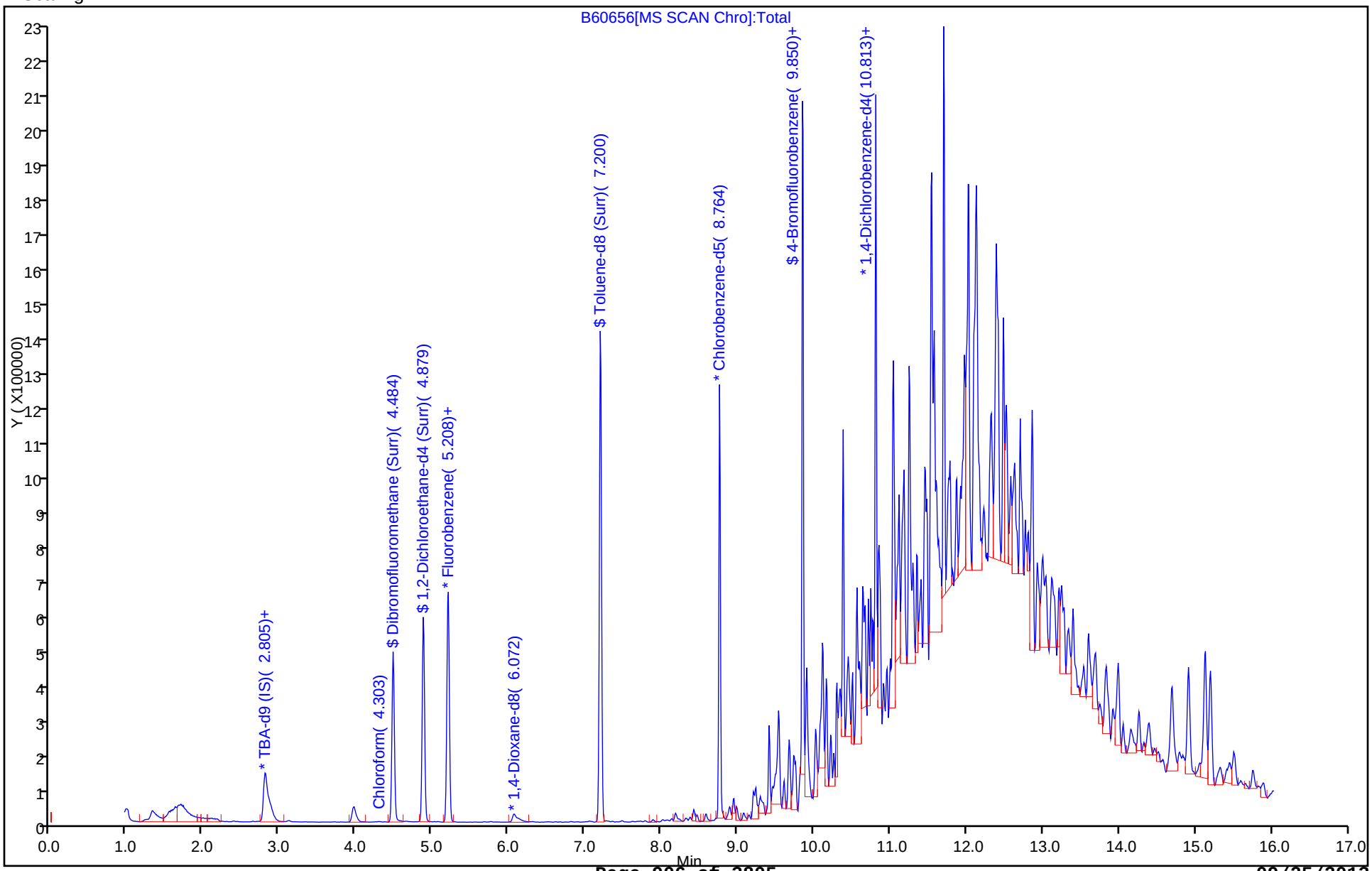
Report Date: 20-Sep-2013 16:44:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60656.D

Injection Date:	19-Sep-2013 05:26:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



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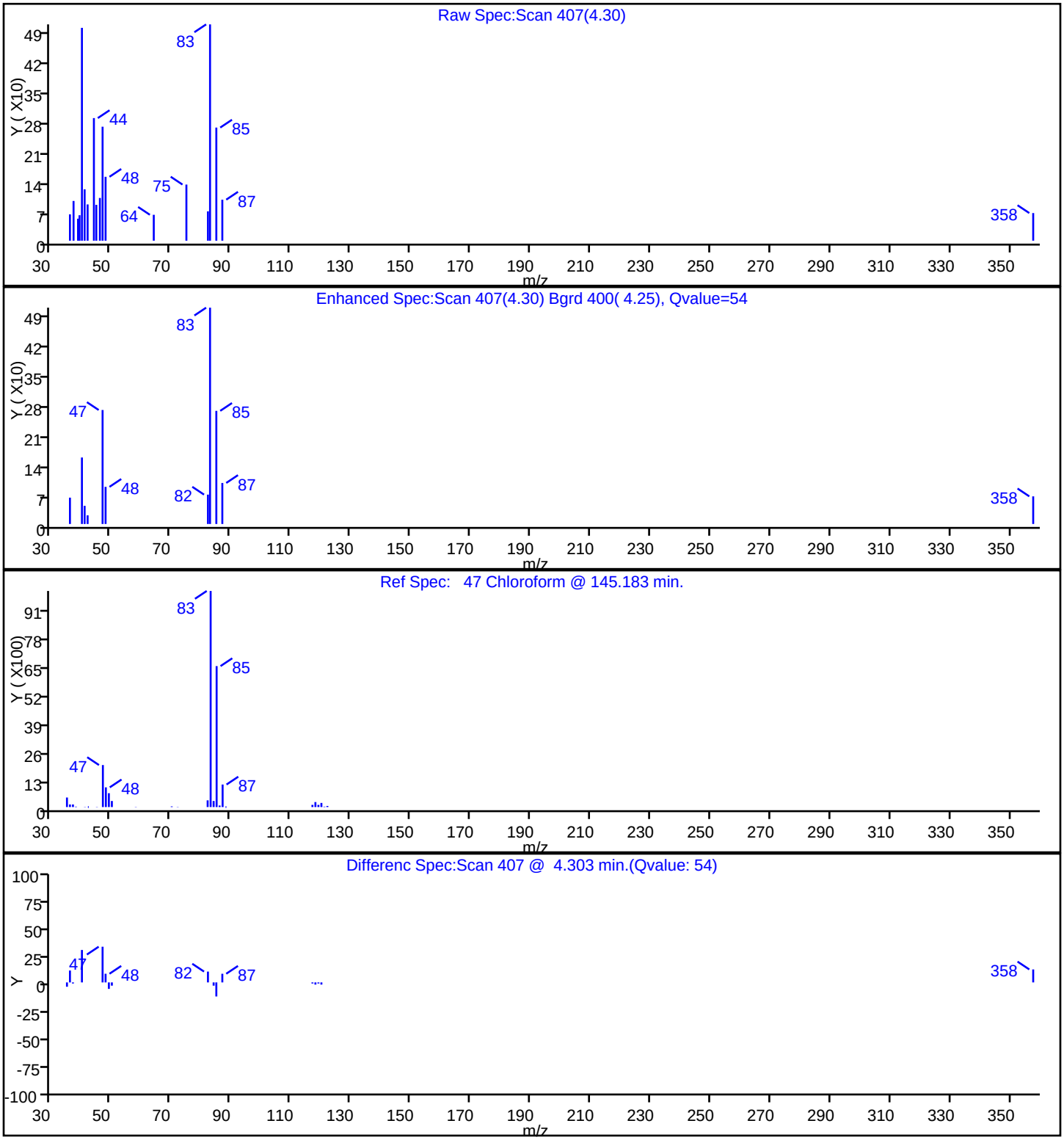
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60656.D

Injection Date:	19-Sep-2013 05:26:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

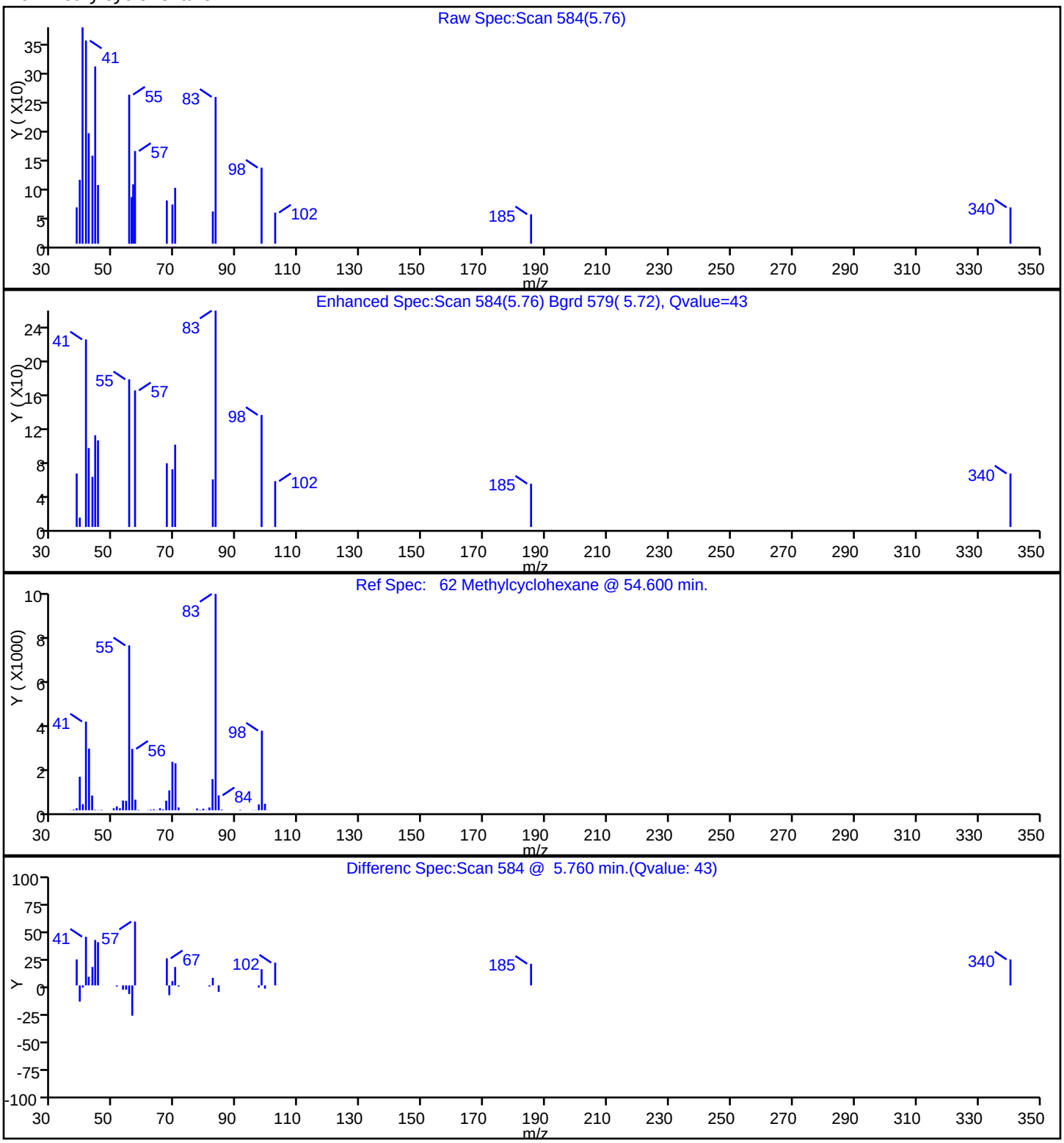
47 Chloroform



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60656.D		
Injection Date:	19-Sep-2013 05:26:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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 16:44:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60656.D

Injection Date: 19-Sep-2013 05:26:30 Limit Group: VOA - 8260B Water and Solid

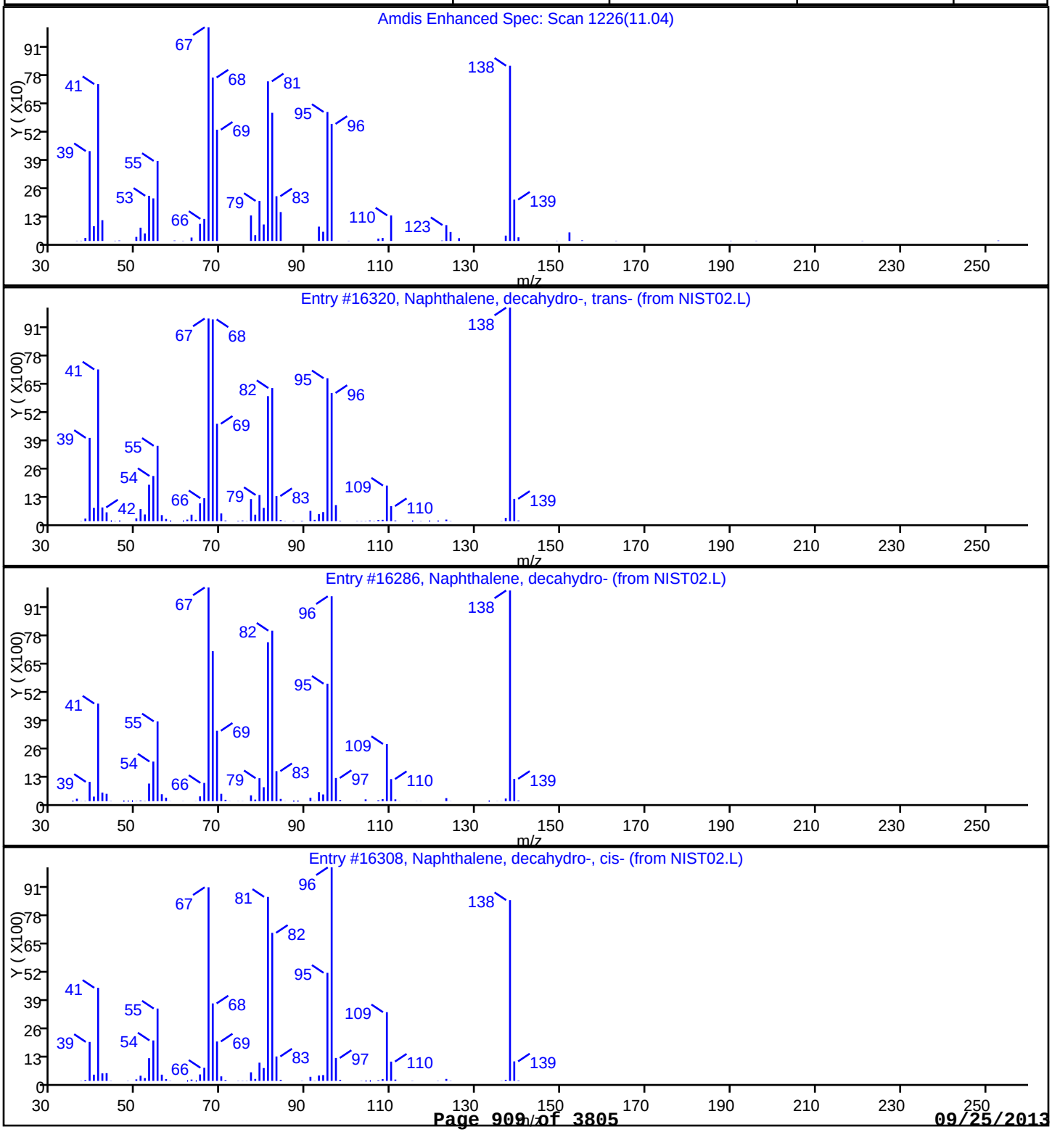
Client ID: PMP-18SE-WT Instrument ID: CVOAMS2

Lims Batch ID: 182063 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-, trans-	493-02-7	NIST02.L	16320	96
Naphthalene, decahydro-	91-17-8	NIST02.L	16286	90
Naphthalene, decahydro-, cis-	493-01-6	NIST02.L	16308	70



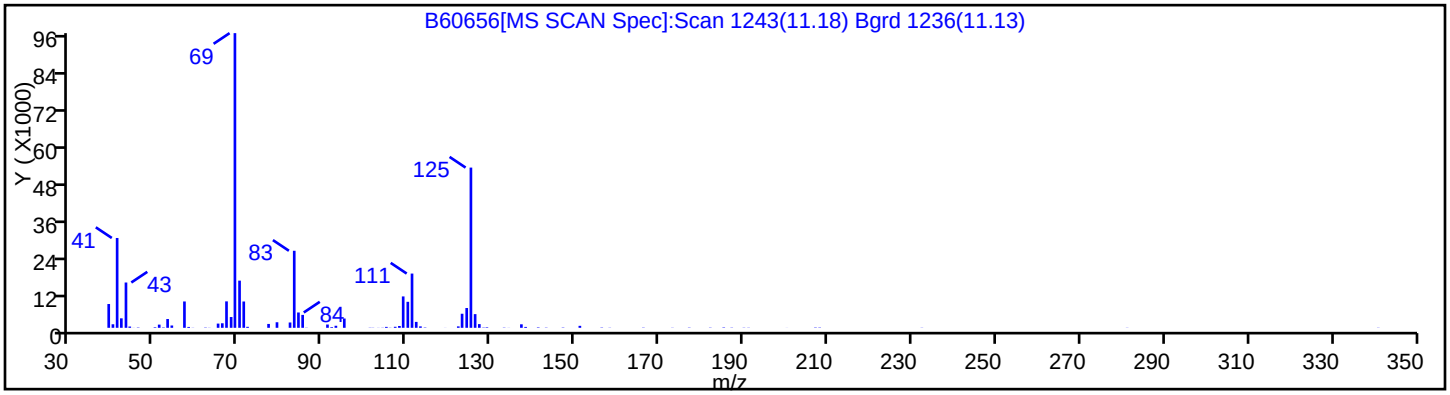
Report Date: 20-Sep-2013 16:44:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60656.D

Injection Date:	19-Sep-2013 05:26:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

No Library Matches Found above the Threshold: 80



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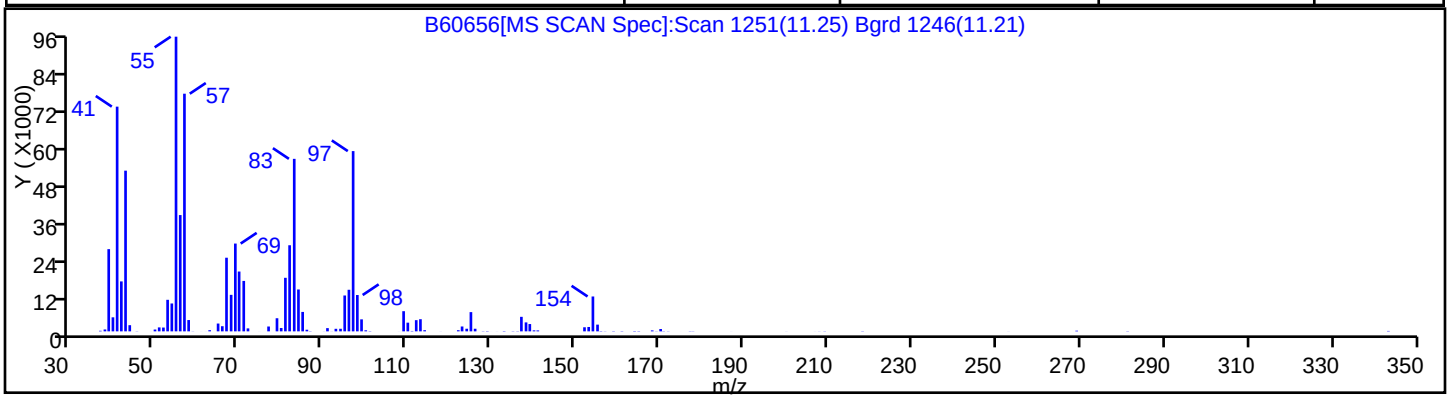
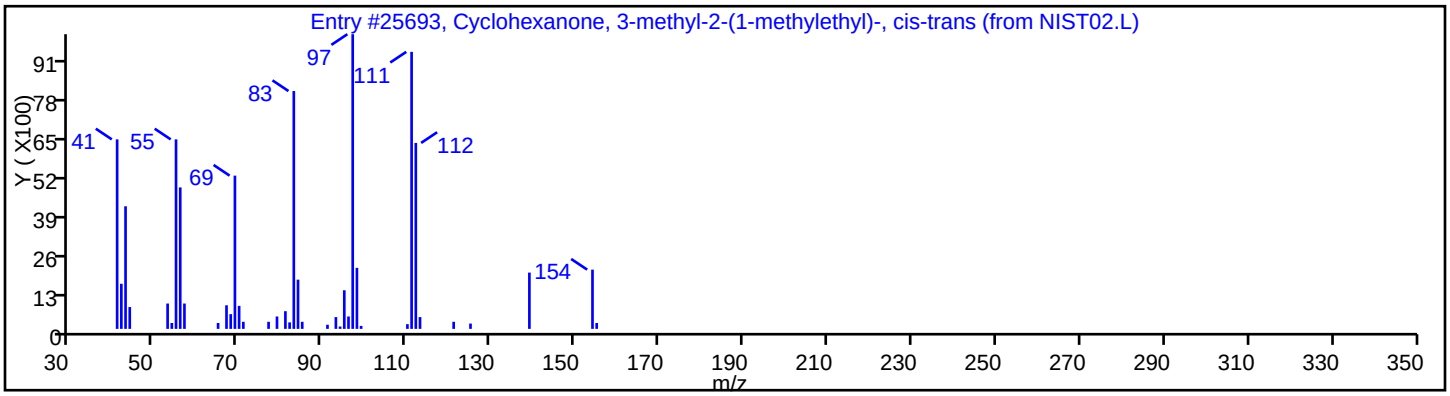
Injection Date: 19-Sep-2013 05:26:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-18SE-WT Instrument ID: CVOAMS2
Lims Batch ID: 182063 Lims Sample ID: 20
Operator ID: Purge Vol: 5.000 mL
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown		NIST02.L	0	0
Cyclohexanone, 3-methyl-2-(1-methylethyl	28357-23-5	NIST02.L	25693	89





Report Date: 20-Sep-2013 16:44:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60656.D

Injection Date: 19-Sep-2013 05:26:30 Limit Group: VOA - 8260B Water and Solid

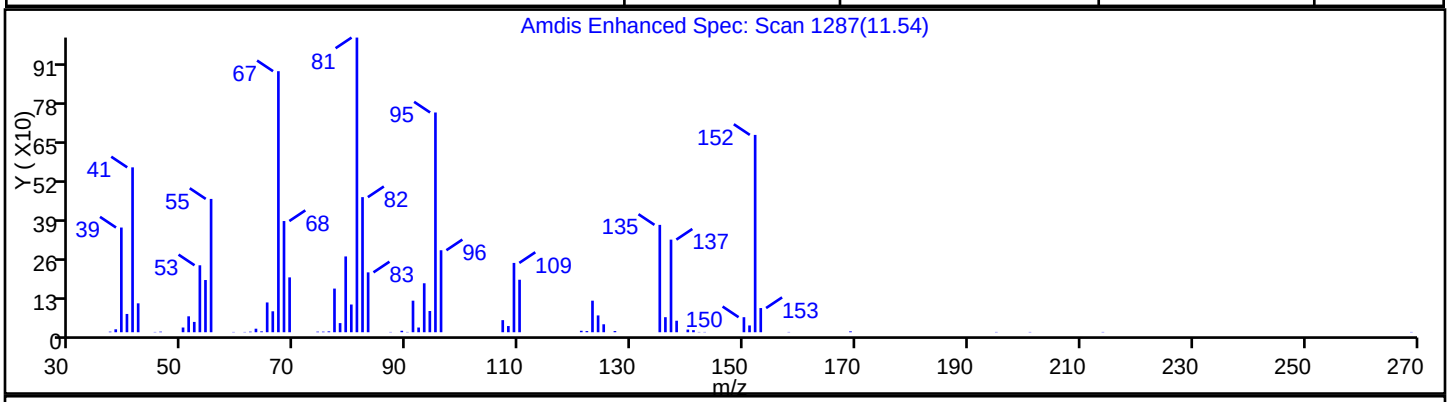
Client ID: PMP-18SE-WT Instrument ID: CVOAMS2

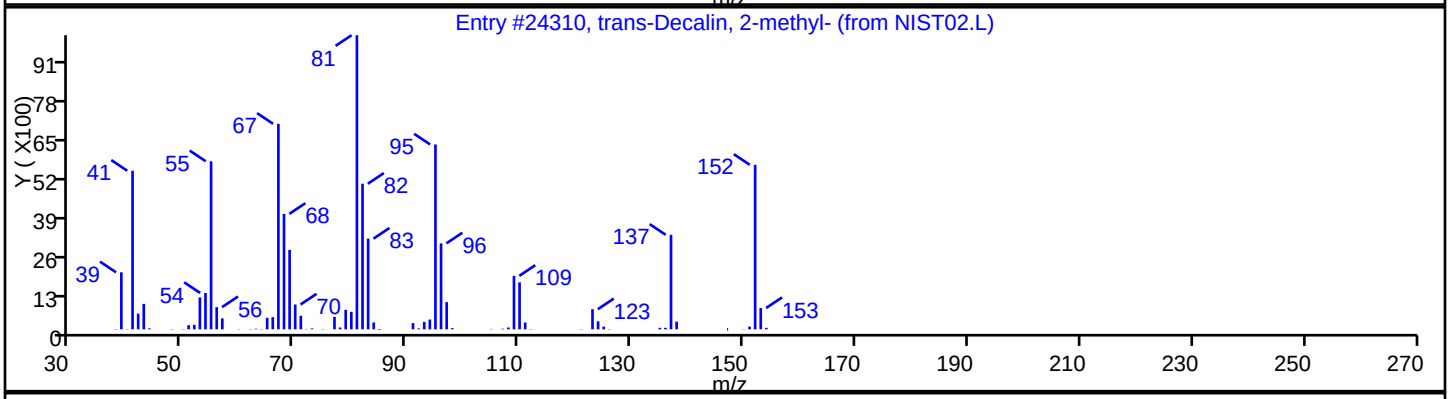
Lims Batch ID: 182063 Lims Sample ID: 20

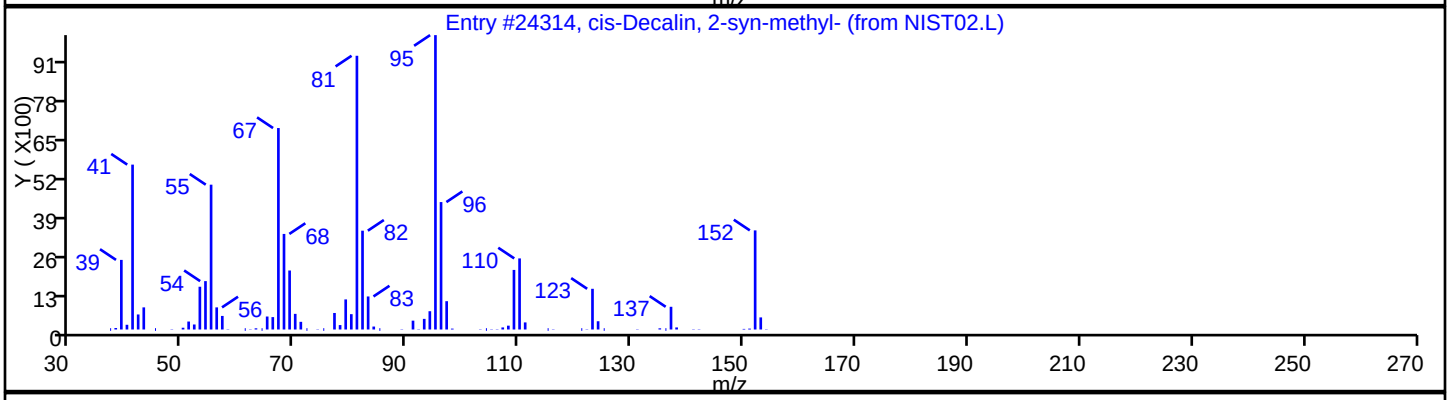
Operator ID: Purge Vol: 5.000 mL

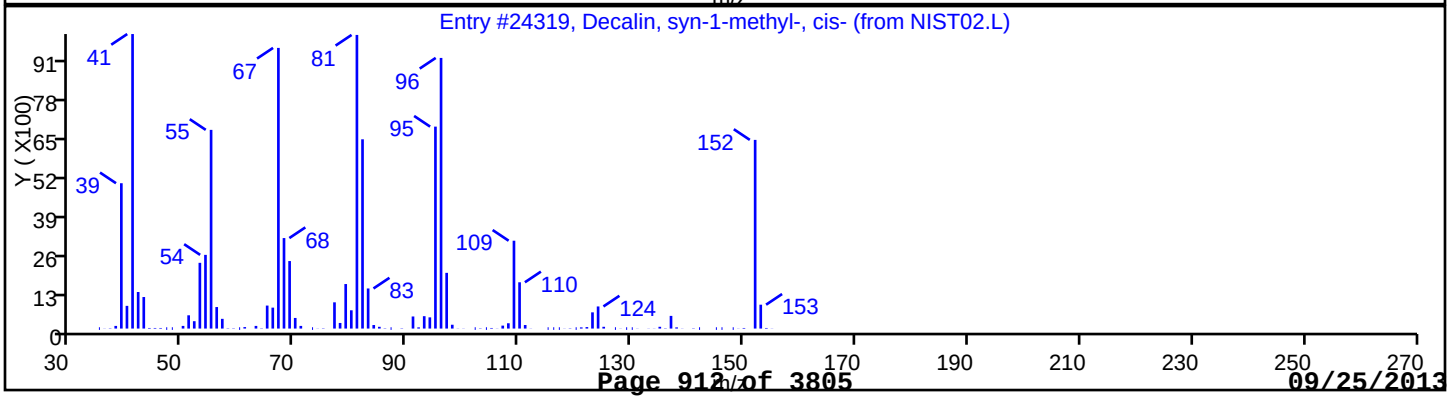
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	95
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.L	24314	87
Decalin, syn-1-methyl-, cis-	1000158-89-1	NIST02.L	24319	81









Report Date: 20-Sep-2013 16:44:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60656.D

Injection Date: 19-Sep-2013 05:26:30 Limit Group: VOA - 8260B Water and Solid

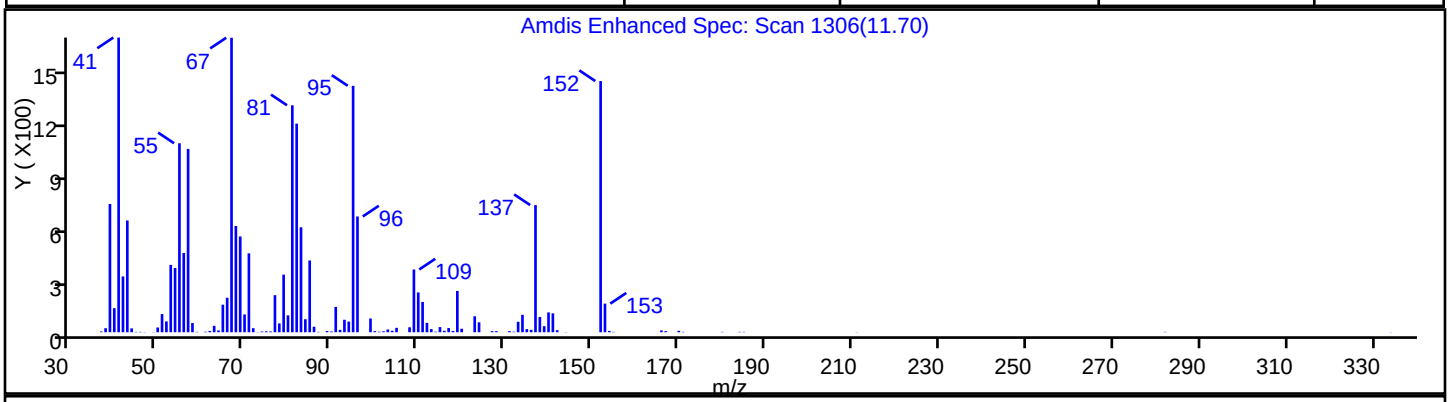
Client ID: PMP-18SE-WT Instrument ID: CVOAMS2

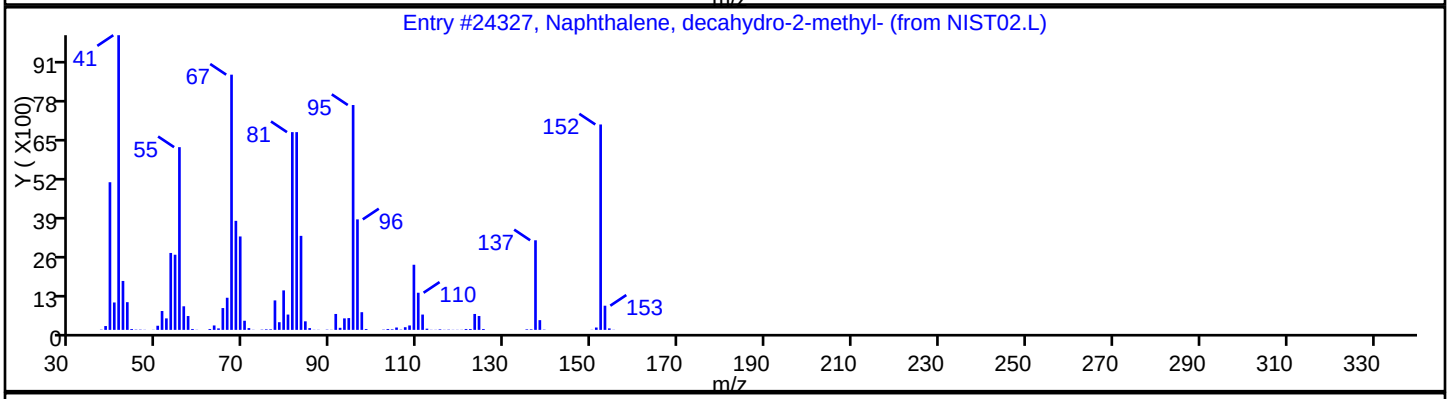
Lims Batch ID: 182063 Lims Sample ID: 20

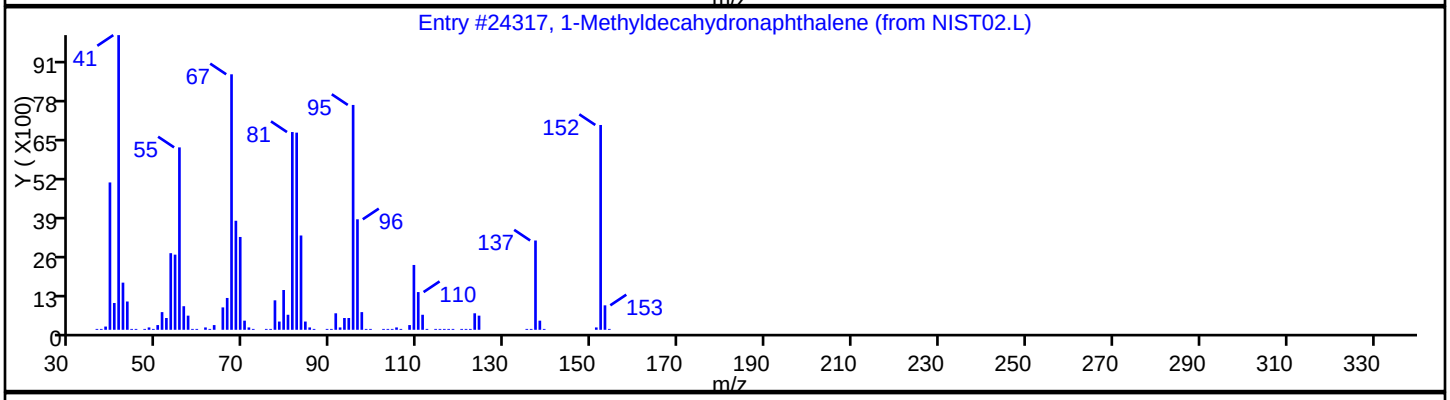
Operator ID: Purge Vol: 5.000 mL

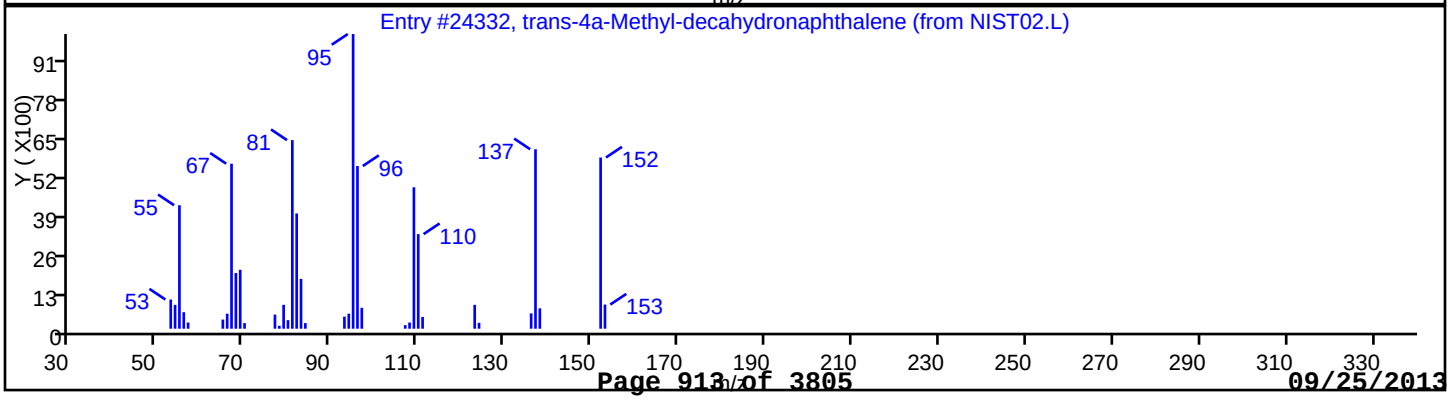
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24327	98
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	98
trans-4a-Methyl-decahydronaphthalene	2547-27-5	NIST02.L	24332	89









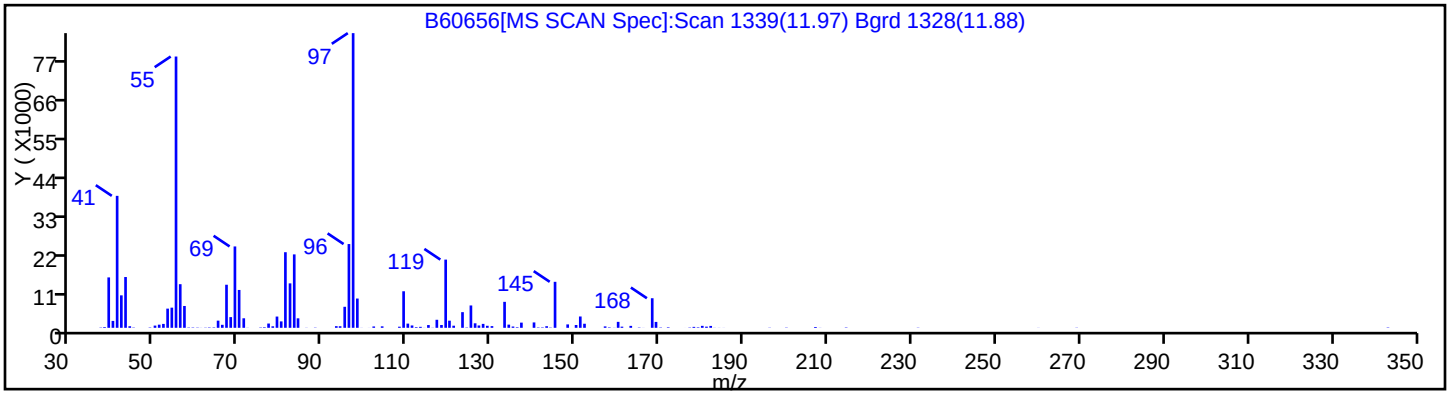
Report Date: 20-Sep-2013 16:44:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60656.D

Injection Date:	19-Sep-2013 05:26:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

No Library Matches Found above the Threshold: 80

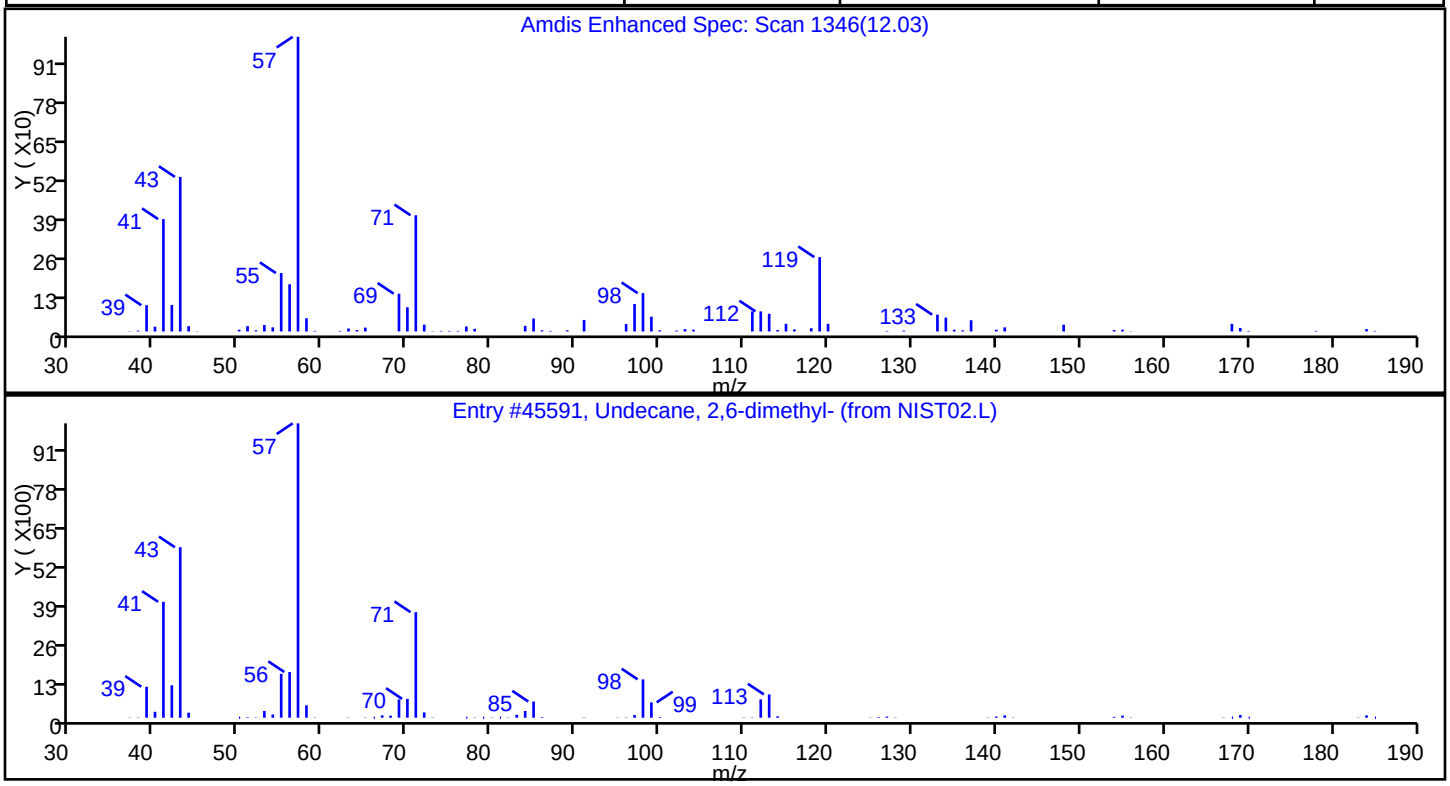


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60656.D

Injection Date:	19-Sep-2013 05:26:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.L	45591	92



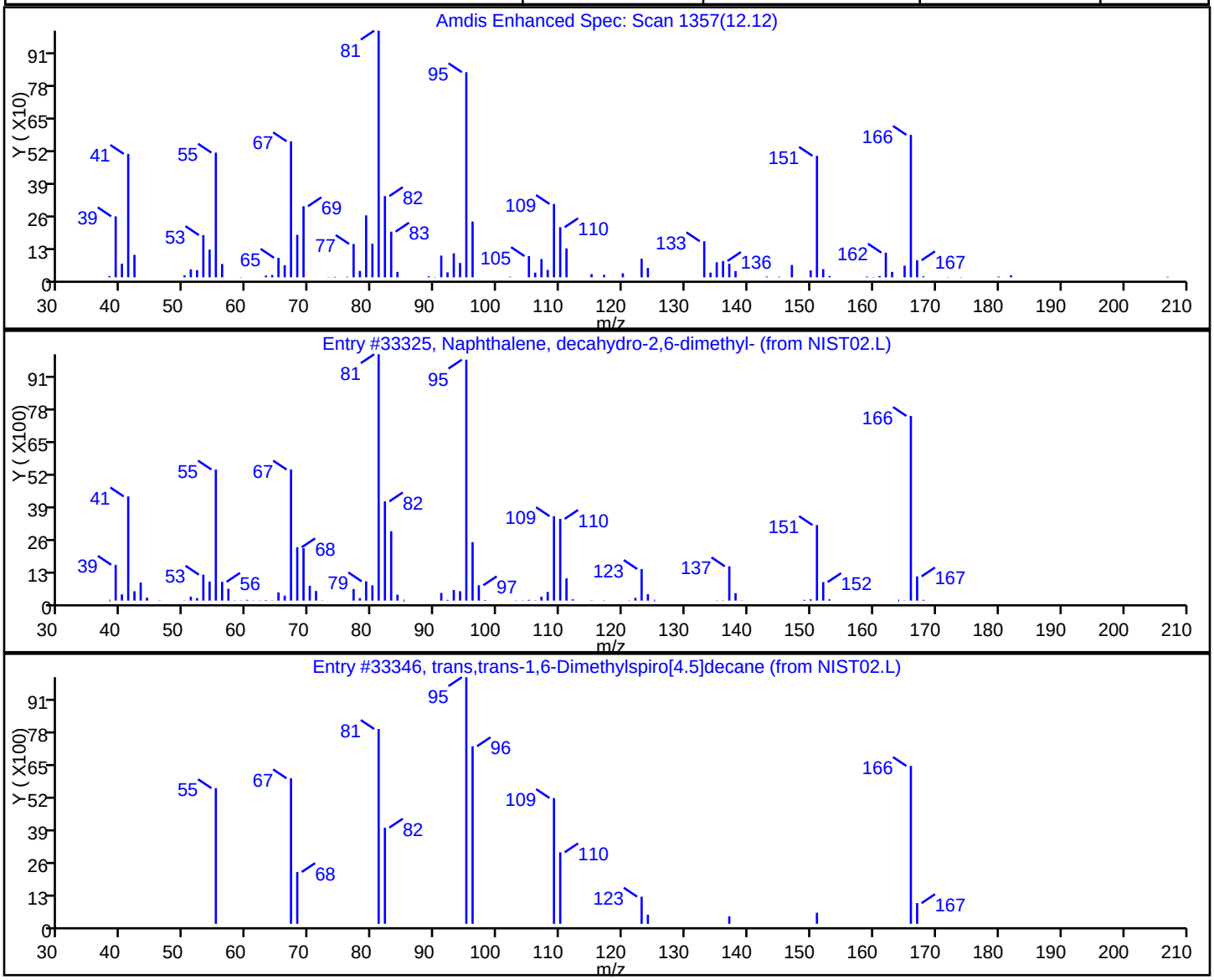
Report Date: 20-Sep-2013 16:44:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60656.D

Injection Date:	19-Sep-2013 05:26:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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-2,6-dimethyl-	1618-22-0	NIST02.L	33325	87
trans,trans-1,6-Dimethylspiro[4.5]decane	1000111-72-1	NIST02.L	33346	78

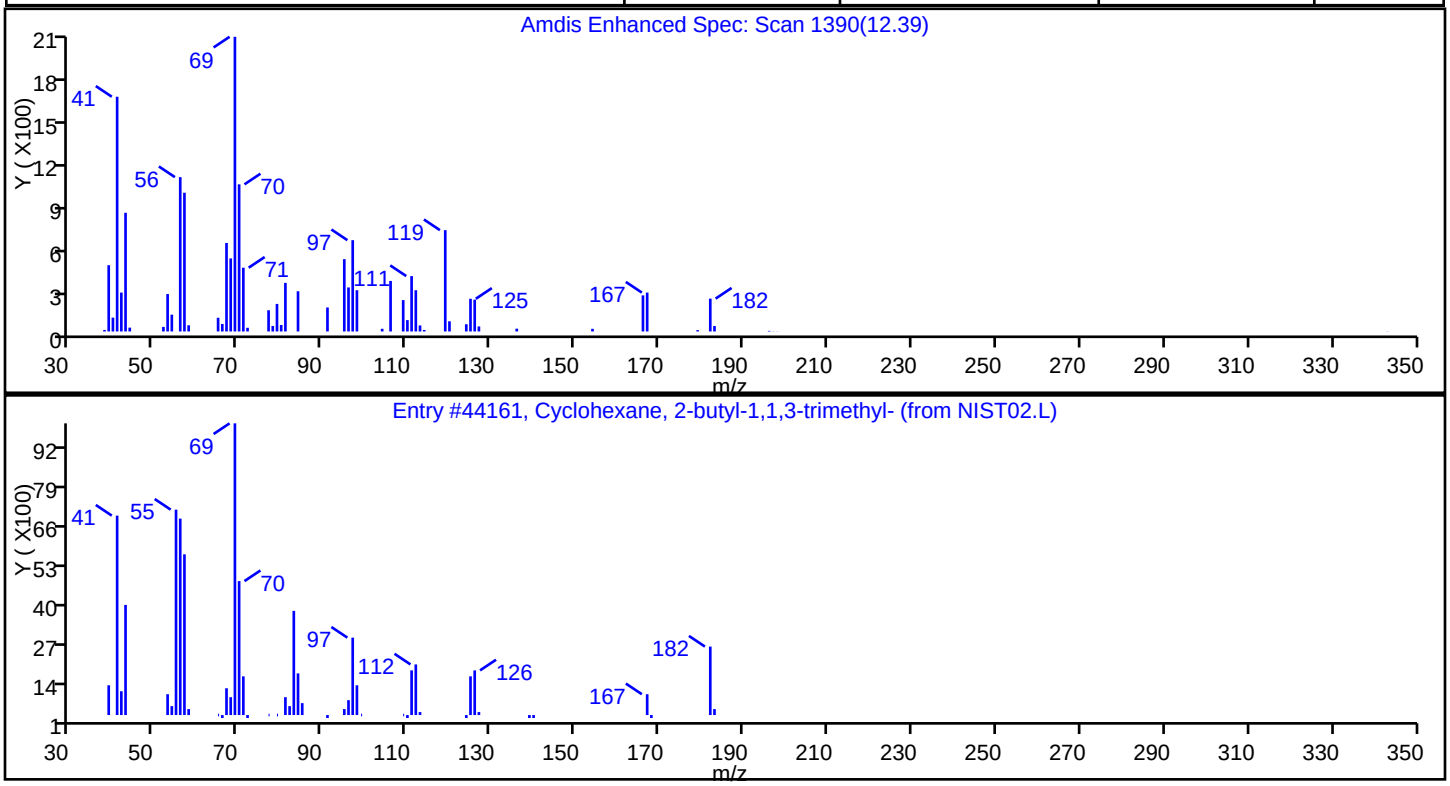


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60656.D

Injection Date:	19-Sep-2013 05:26:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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, 2-butyl-1,1,3-trimethyl-	54676-39-0	NIST02.L	44161	81



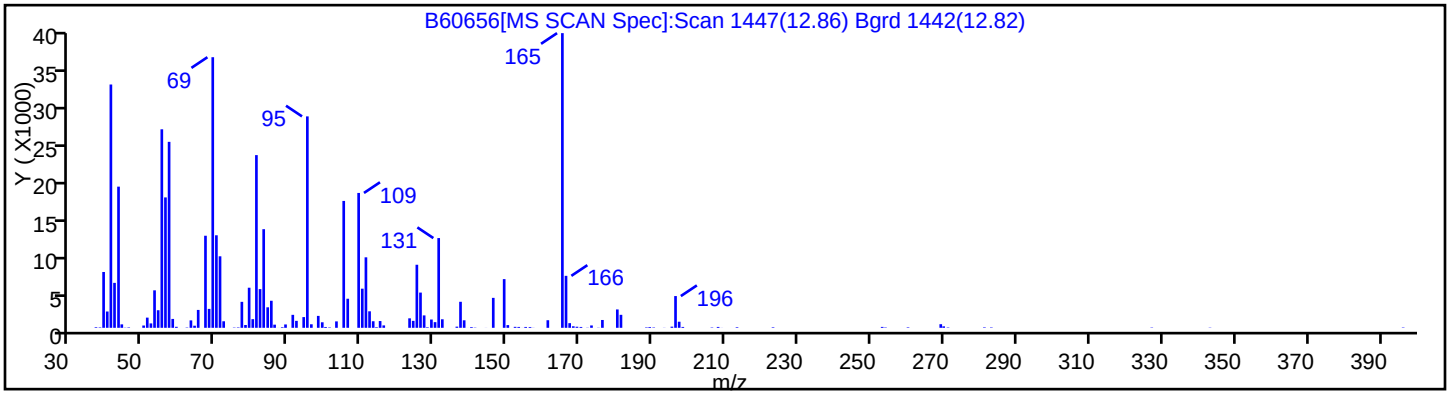
Report Date: 20-Sep-2013 16:44:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60656.D

Injection Date:	19-Sep-2013 05:26:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

No Library Matches Found above the Threshold: 80



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-SI | Lab Sample ID: 460-62968-13

Matrix: Solid | Lab File ID: D363101.D

Analysis Method: 8260B | Date Collected: 09/12/2013 10:35

Sample wt/vol: 6.275(g) | Date Analyzed: 09/18/2013 20:27

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.: 182028 | 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	1.6	U *	4.7	1.6
75-15-0	Carbon disulfide	6.8		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	9.1		0.93	0.22
78-93-3	2-Butanone	0.59	U *	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	10		0.93	0.16
108-90-7	Chlorobenzene	0.17	U	0.93	0.17
110-82-7	Cyclohexane	0.99		0.93	0.12
98-82-8	Isopropylbenzene	2.0		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	0.38	J	0.93	0.093
541-73-1	1,3-Dichlorobenzene	0.29	J	0.93	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-SI | Lab Sample ID: 460-62968-13

Matrix: Solid | Lab File ID: D363101.D

Analysis Method: 8260B | Date Collected: 09/12/2013 10:35

Sample wt/vol: 6.275(g) | Date Analyzed: 09/18/2013 20:27

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.: 182028 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2.4		0.93	0.10
120-82-1	1,2,4-Trichlorobenzene	1.1		0.93	0.18
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.93	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.93	0.14
108-87-2	Methylcyclohexane	2.8		0.93	0.093
127-18-4	Tetrachloroethene	0.11	U	0.93	0.11
1330-20-7	Xylenes, Total	30		2.8	0.62
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	0.20	U	0.93	0.20
74-97-5	Bromochloromethane	0.10	U	0.93	0.10
75-27-4	Bromodichloromethane	1.1		0.93	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	94		70-130
1868-53-7	Dibromofluoromethane (Surr)	114		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-SI Lab Sample ID: 460-62968-13

Matrix: Solid Lab File ID: D363101.D

Analysis Method: 8260B Date Collected: 09/12/2013 10:35

Sample wt/vol: 6.275(g) Date Analyzed: 09/18/2013 20:27

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.: 182028 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 1350

CAS NO.	COMPOUND NAME	RT	RESULT	Q
526-73-8	Benzene, 1,2,3-trimethyl-	9.46	130	J N
	Unknown	10.80	180	J
20836-11-7	1H-Indene,2,3-dihydro-2,2-dimethyl-	11.06	180	J N
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	11.46	100	J N
1559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-methyl	11.60	140	J N
54340-87-3	1H-Indene, 2,3-dihydro-1,4,7-trimethyl-	11.74	100	J N
91-57-6	Naphthalene, 2-methyl-	12.19	170	J N
90-12-0	Naphthalene, 1-methyl-	12.34	130	J N
14679-13-1	Benzene, 1,3,5-trimethyl-2-(1-methylethe	12.64	110	J N
581-42-0	Naphthalene, 2,6-dimethyl-	13.26	110	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D
Lims ID: 460-62968-B-13-A
Client ID: PMP-18SE-SI
Inject. Date: 18-Sep-2013 20:27:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-62968-B-13-A
Misc. Info.: 460-0004780-016
Operator:
Instrument ID: CVOAMS4
Purge Vol: 5.000 mL
ALS Bottle#: 15
Lims Batch ID: 182028
Lims Sample ID: 16
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\8260S_4.m
Last Update: 20-Sep-2013 10:06:57
Calib Date: 05-Sep-2013 06:32:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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: starzecm
Date: 18-Sep-2013 23:56:06

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
21 Carbon disulfide	76	2.021	2.012	0.010	99	110462	7.28	
* 151 TBA-d9 (IS)	65	2.666	2.652	0.014	57	216884	1000.0	
49 Cyclohexane	56	3.514	3.504	0.010	3	7761	1.06	M
47 Chloroform	83	3.576	3.567	0.009	91	93677	9.83	
$ 152 Dibromofluoromethane (Surr)	113	3.721	3.721	0.0	95	210523	56.9	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.178	4.164	0.014	95	206506	52.5	
* 59 Fluorobenzene	96	4.434	4.429	0.005	98	631126	50.0	
63 Methylcyclohexane	83	4.588	4.578	0.010	83	30002	3.02	
70 Dichlorobromomethane	83	5.199	5.194	0.005	63	7355	1.14	
* 150 1,4-Dioxane-d8	96	5.435	5.406	0.029	1	13832	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.104	6.100	0.004	98	798231	49.6	
* 87 Chlorobenzene-d5	117	7.795	7.795	0.0	80	606166	50.0	
89 Ethylbenzene	106	7.867	7.867	0.0	99	99855	11.0	
91 m-Xylene & p-Xylene	106	8.011	8.011	0.0	98	367645	32.5	
98 Isopropylbenzene	105	8.661	8.661	0.0	91	67594	2.11	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	89	260452	47.0	
115 1,3-Dichlorobenzene	146	9.682	9.677	0.005	21	4786	0.3142	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	88	358214	50.0	
117 1,4-Dichlorobenzene	146	9.750	9.745	0.005	72	38105	2.59	
121 1,2-Dichlorobenzene	146	10.058	10.053	0.005	39	5679	0.4035	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	8	14011	1.17	
S 131 Xylenes, Total	100				0		32.5	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D		
Lims ID:	460-62968-B-13-A	Client ID:	PMP-18SE-SI
Inject. Date:	18-Sep-2013 20:27:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-B-13-A		
Misc. Info.:	460-0004780-016		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	15
Lims Batch ID:	182028	Lims Sample ID:	16
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\8260S_4.m		
Last Update:	20-Sep-2013 10:06:57	Calib Date:	05-Sep-2013 06:32:30
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: starzecm		Date:	18-Sep-2013 23:56:06

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	526-73-8	Benzene, 1,2,3-trimethyl-				
9.461	4932812	142.1	116	97	9123	
		Unknown				
10.804	6608307	190.3	116	0	0	
	20836-11-7	1H-Indene,2,3-dihydro-2,2-dimethyl-				
11.064	6634400	191.1	116	76	20737	
	6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-				
11.459	3767962	108.5	116	91	20748	
	1559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-methyl				
11.599	5333029	153.6	116	83	20757	
	54340-87-3	1H-Indene, 2,3-dihydro-1,4,7-trimethyl-				
11.738	3837109	110.5	116	90	29417	
	91-57-6	Naphthalene, 2-methyl-				
12.191	6174419	177.8	116	96	18501	
	90-12-0	Naphthalene, 1-methyl-				
12.335	4848776	139.7	116	96	18499	I
	14679-13-1	Benzene, 1,3,5-trimethyl-2-(1-methylethe				
12.639	4019561	115.8	116	90	29452	
	581-42-0	Naphthalene, 2,6-dimethyl-				
13.260	4039136	116.3	116	97	27167	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	9.735	1735940	50.0

QC Flag Legend

Processing Flags

Review Flags
I - User Selected Library Match

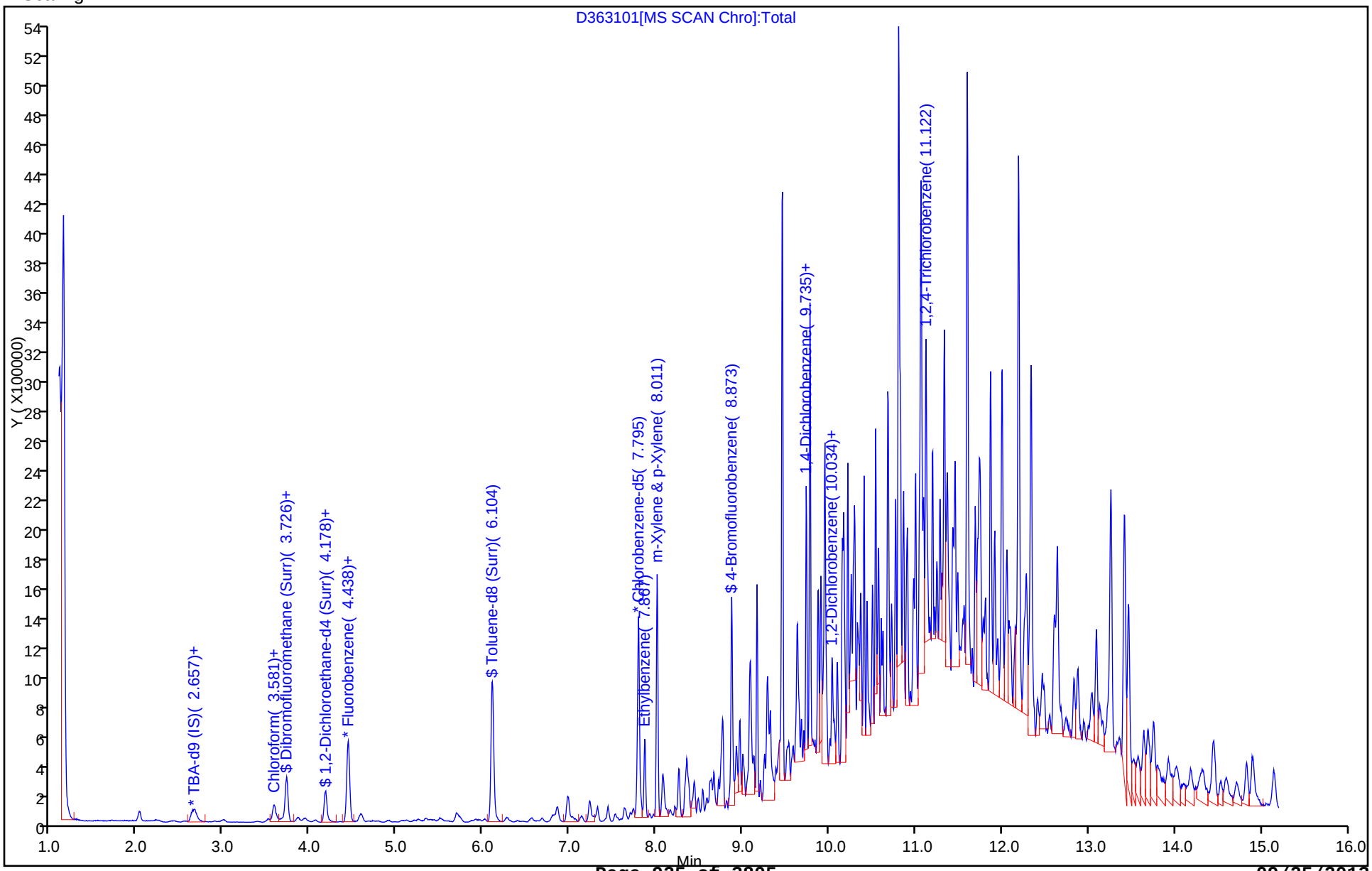
Report Date: 20-Sep-2013 10:06:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

Injection Date:	18-Sep-2013 20:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



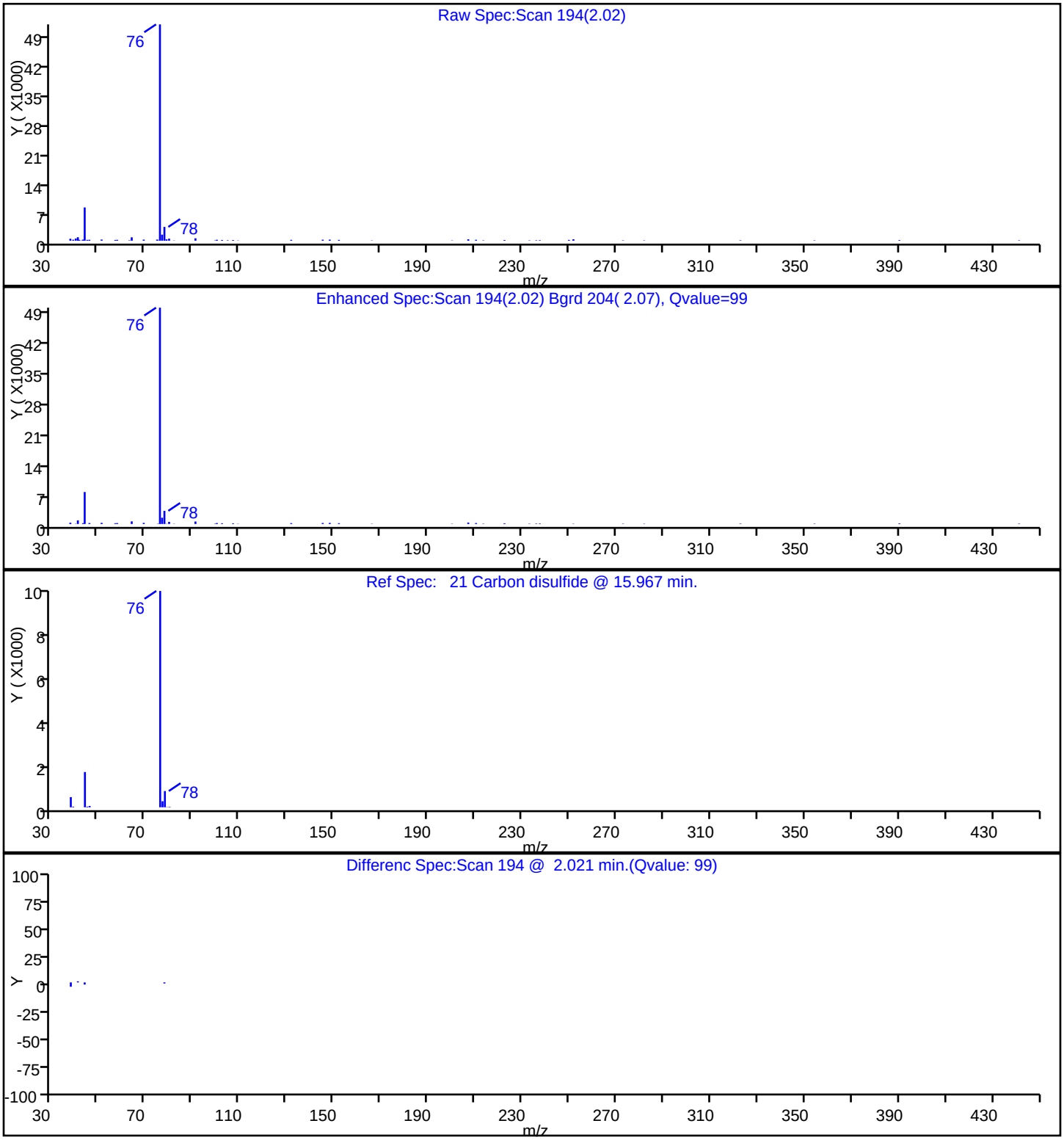
Report Date: 20-Sep-2013 10:06:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

Injection Date:	18-Sep-2013 20:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

21 Carbon disulfide



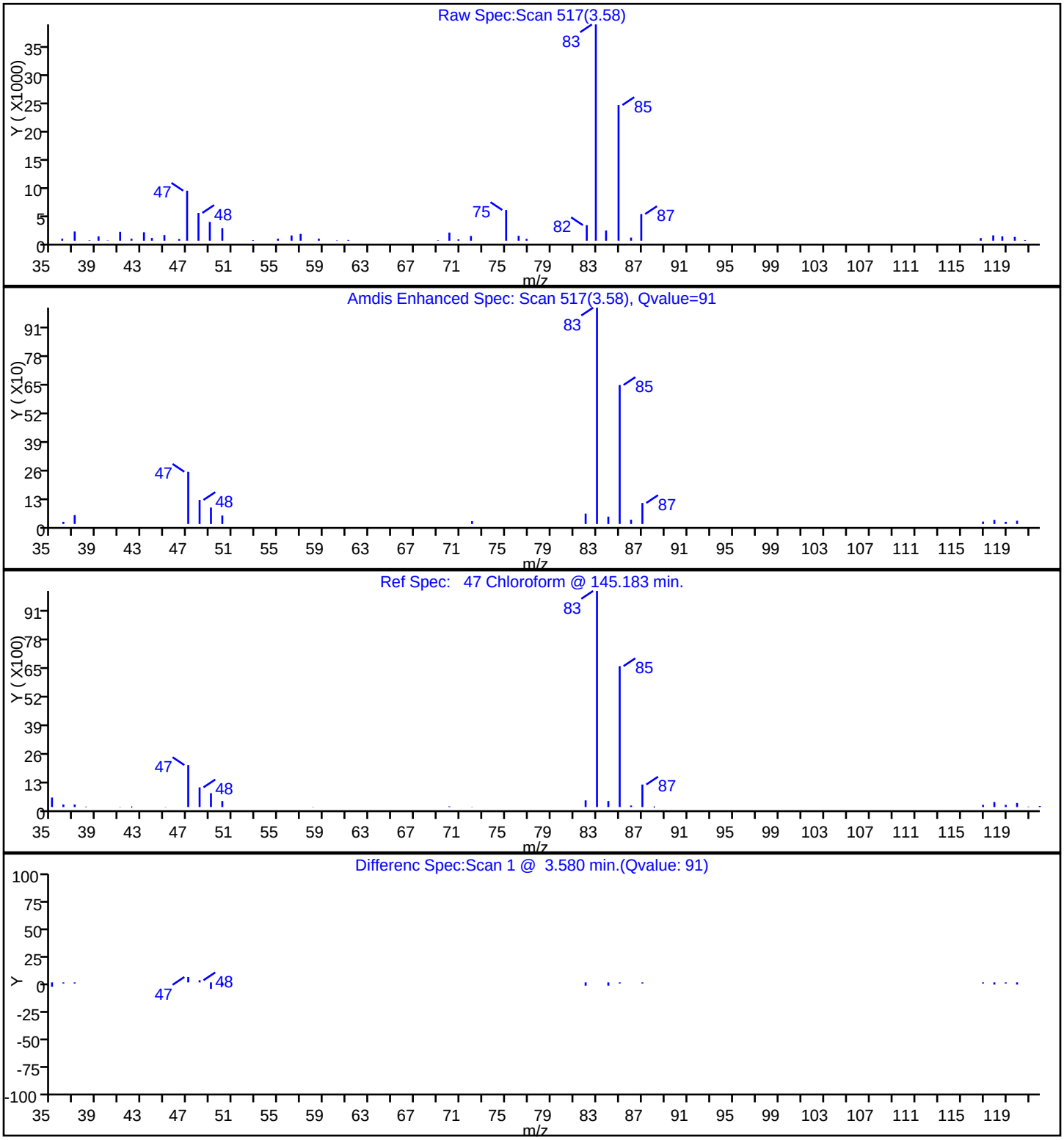
Report Date: 20-Sep-2013 10:06:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

Injection Date:	18-Sep-2013 20:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



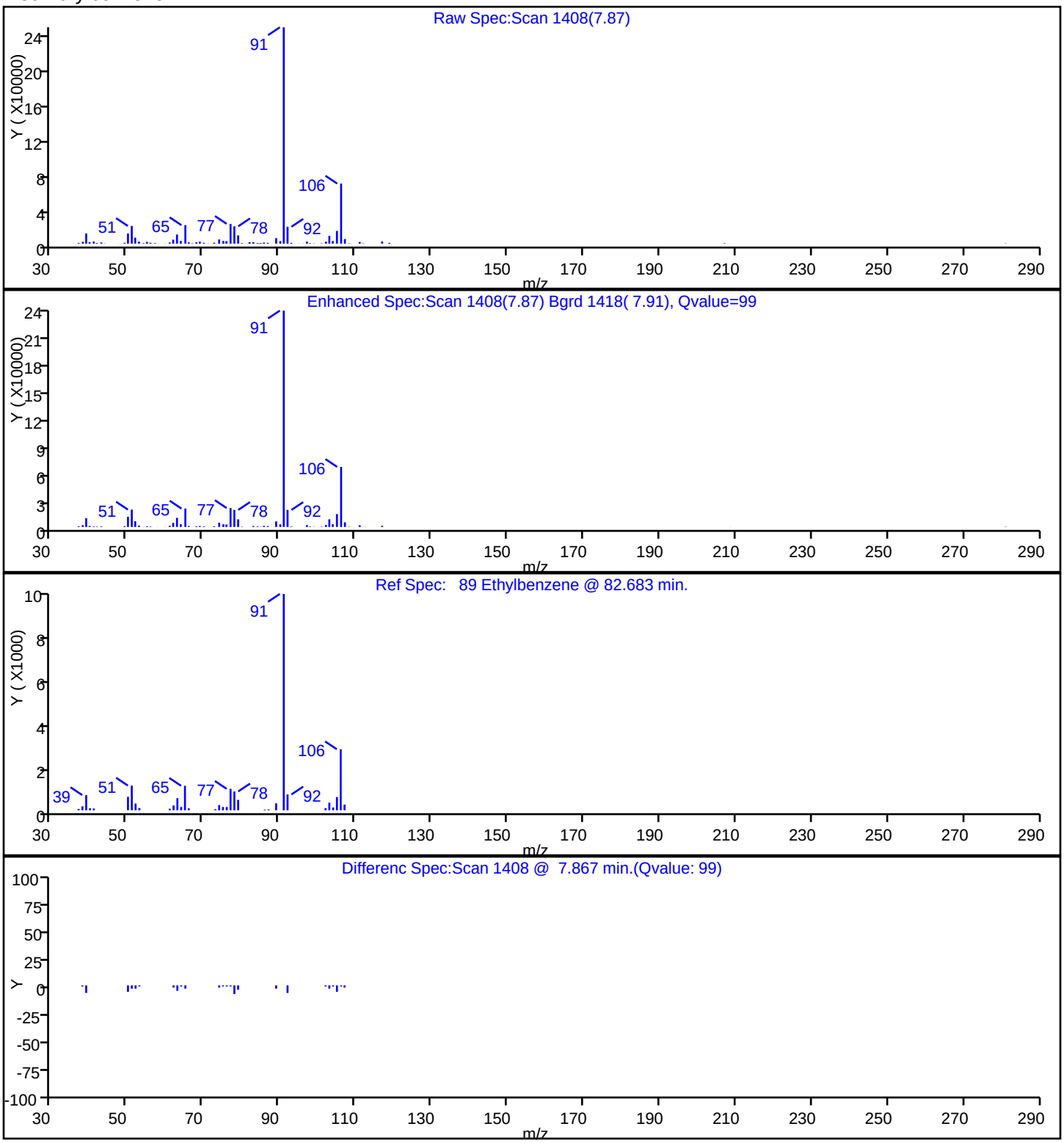
Report Date: 20-Sep-2013 10:06:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

Injection Date:	18-Sep-2013 20:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

89 Ethylbenzene



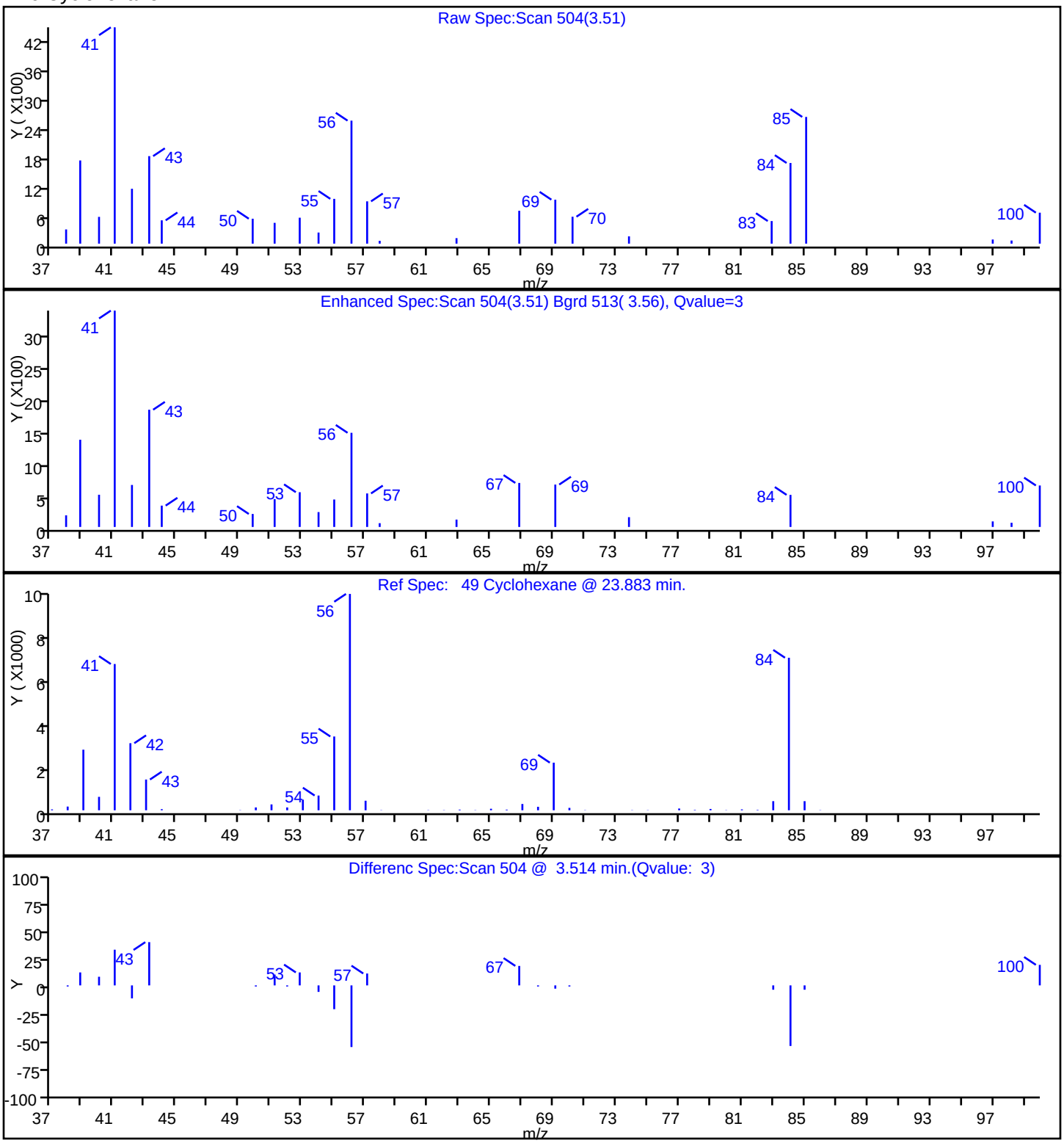
Report Date: 20-Sep-2013 10:06:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

Injection Date:	18-Sep-2013 20:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

49 Cyclohexane



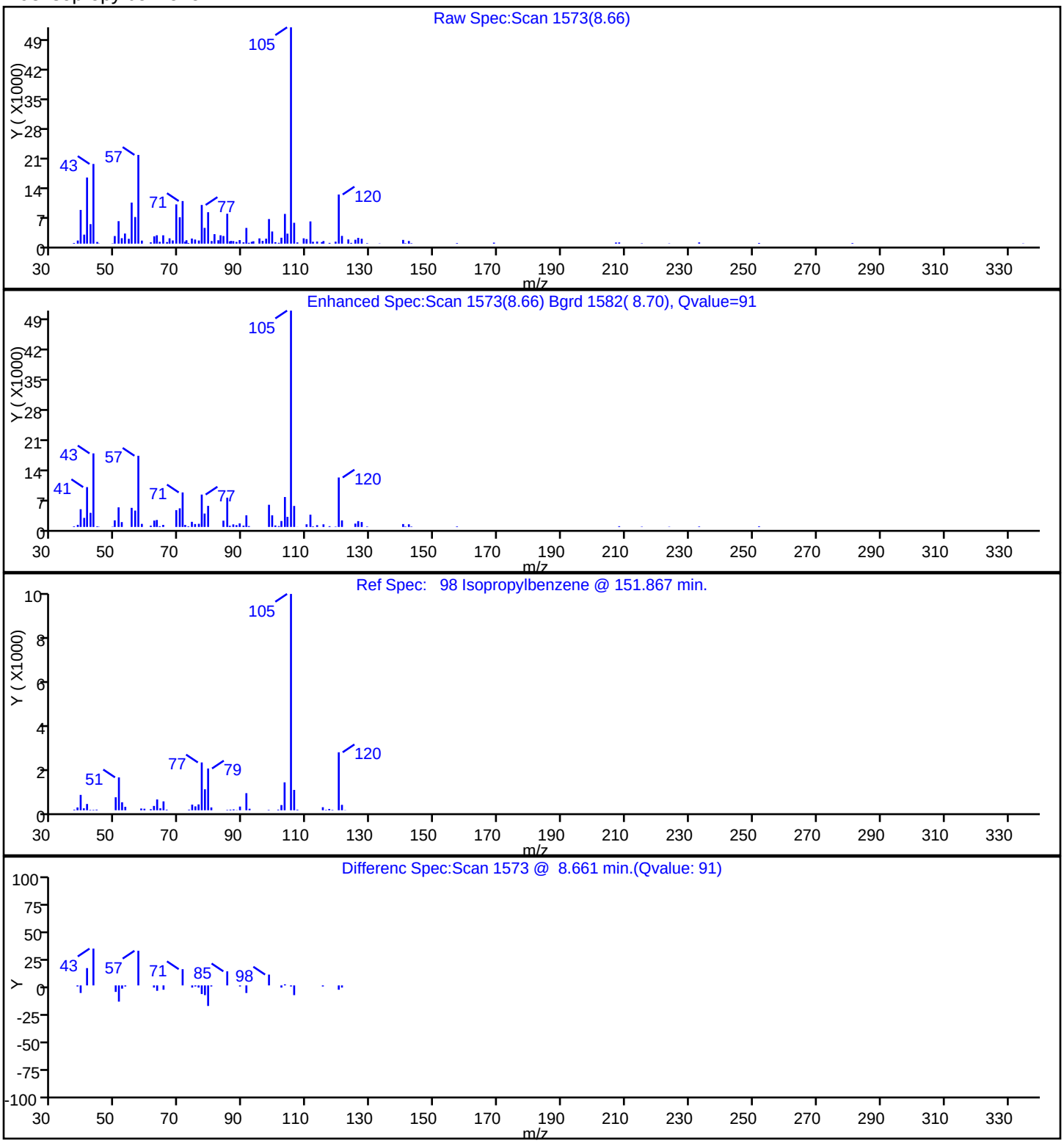
Report Date: 20-Sep-2013 10:06:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

Injection Date:	18-Sep-2013 20:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

98 Isopropylbenzene



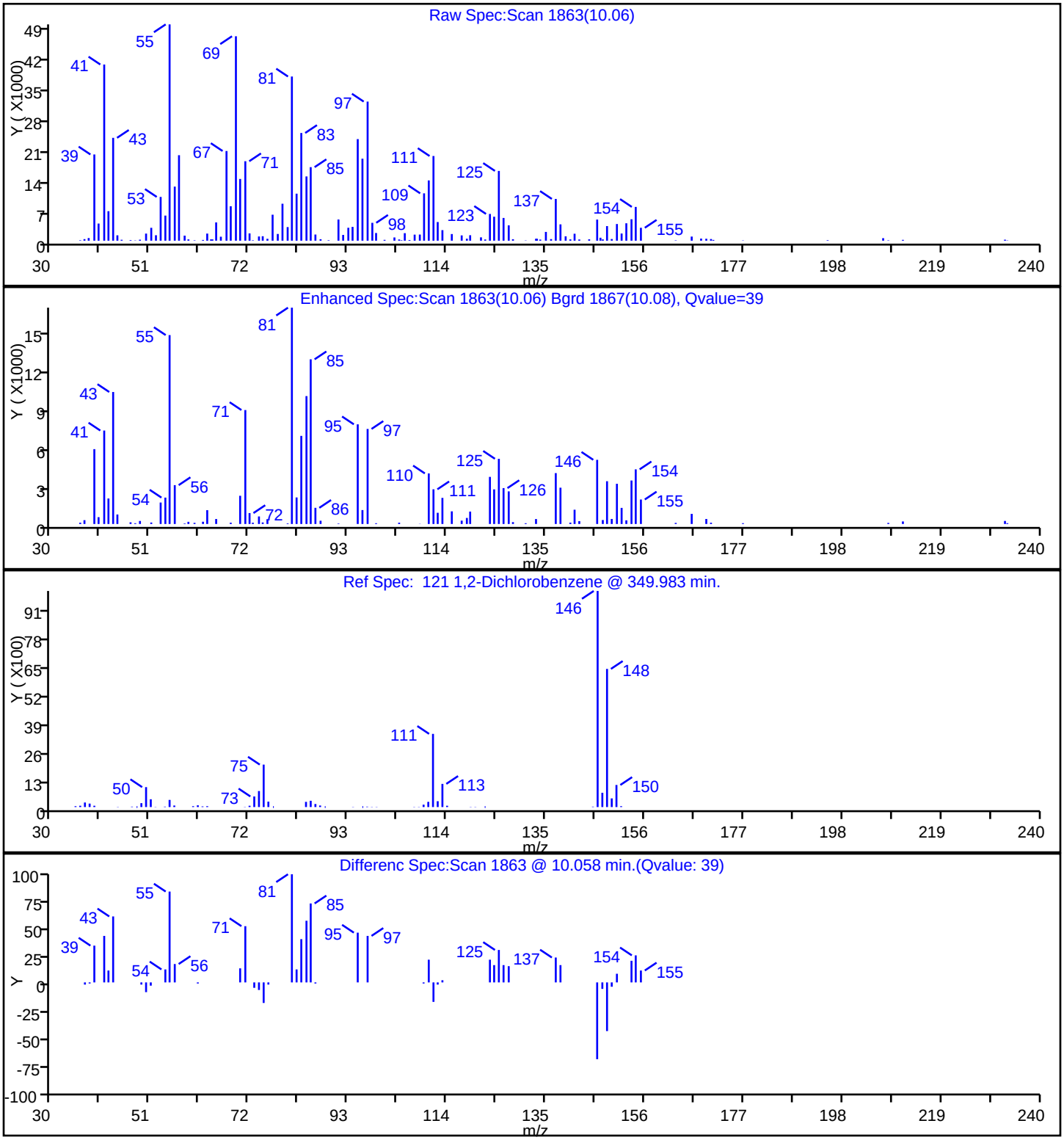
Report Date: 20-Sep-2013 10:06:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

Injection Date:	18-Sep-2013 20:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

121 1,2-Dichlorobenzene



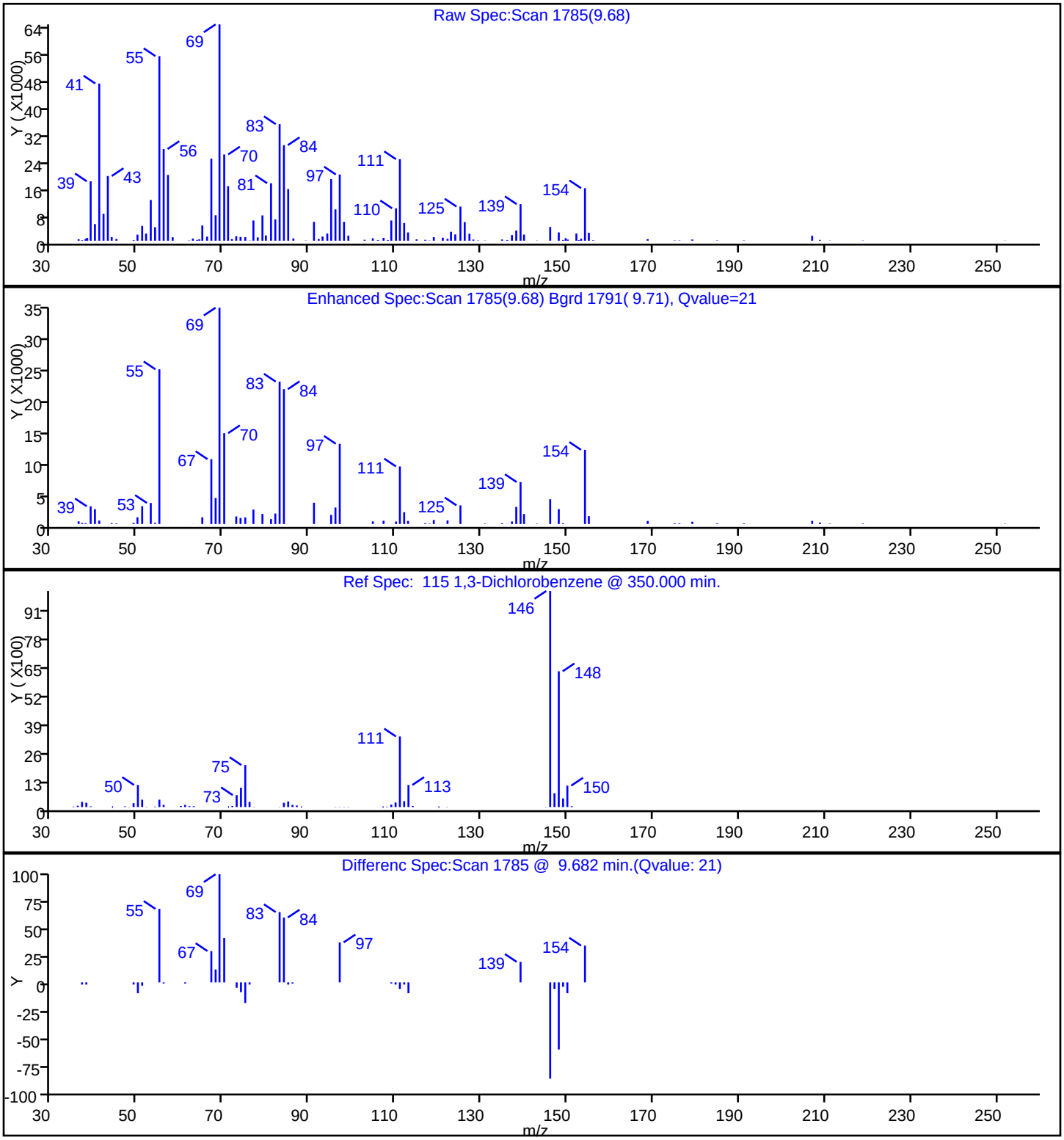
Report Date: 20-Sep-2013 10:06:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

Injection Date:	18-Sep-2013 20:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

115 1,3-Dichlorobenzene



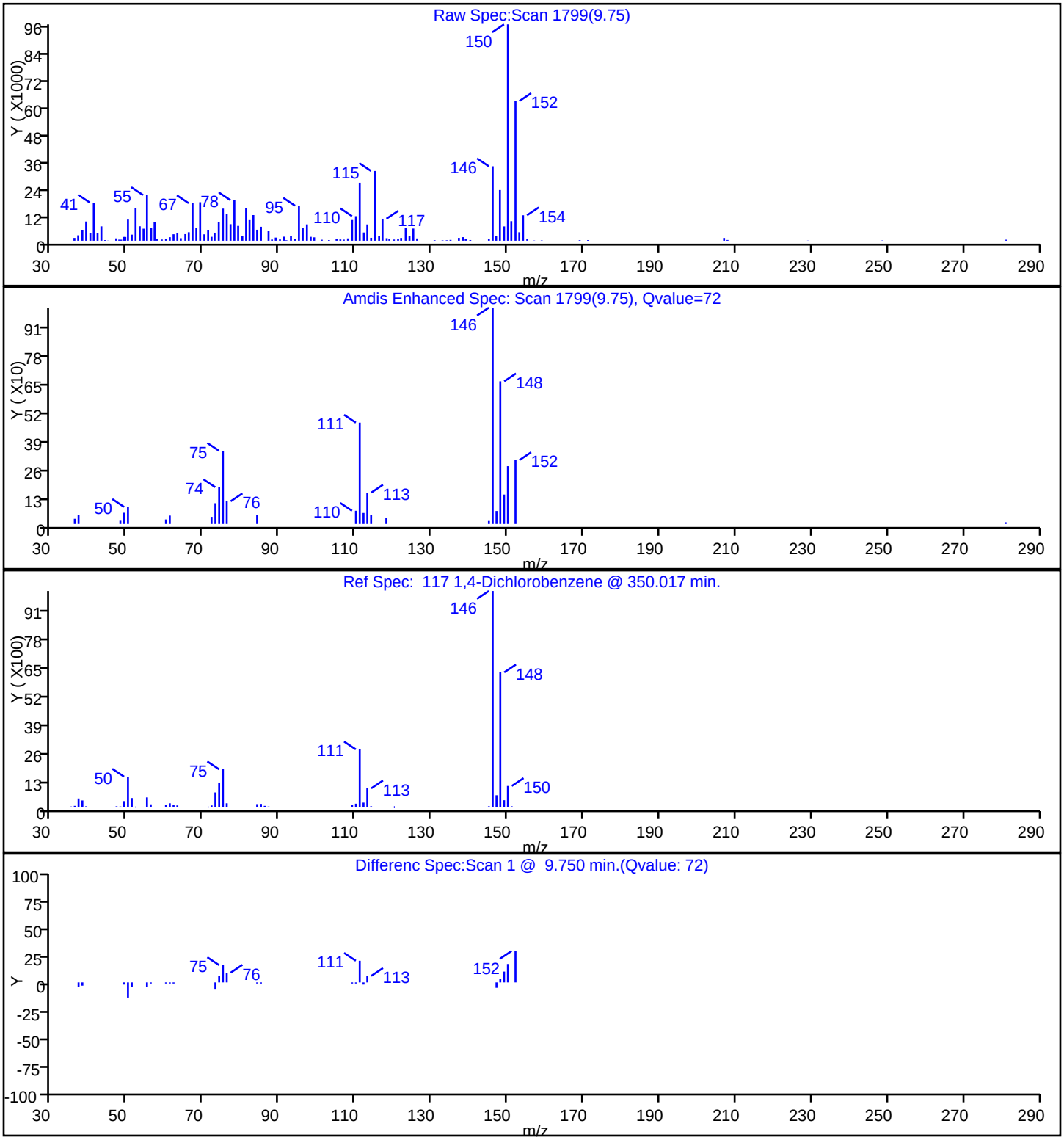
Report Date: 20-Sep-2013 10:06:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

Injection Date:	18-Sep-2013 20:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



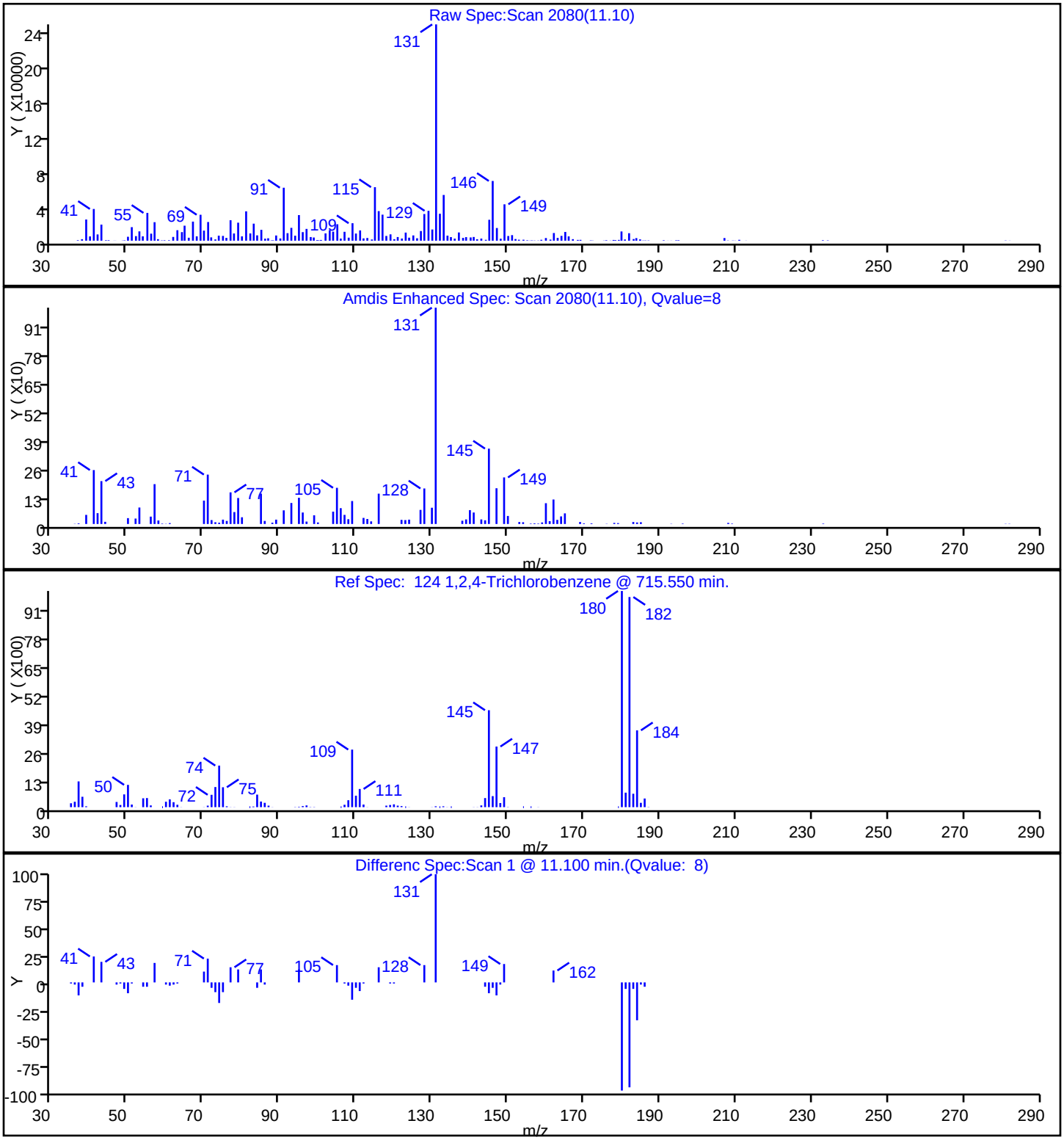
Report Date: 20-Sep-2013 10:06:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

Injection Date:	18-Sep-2013 20:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



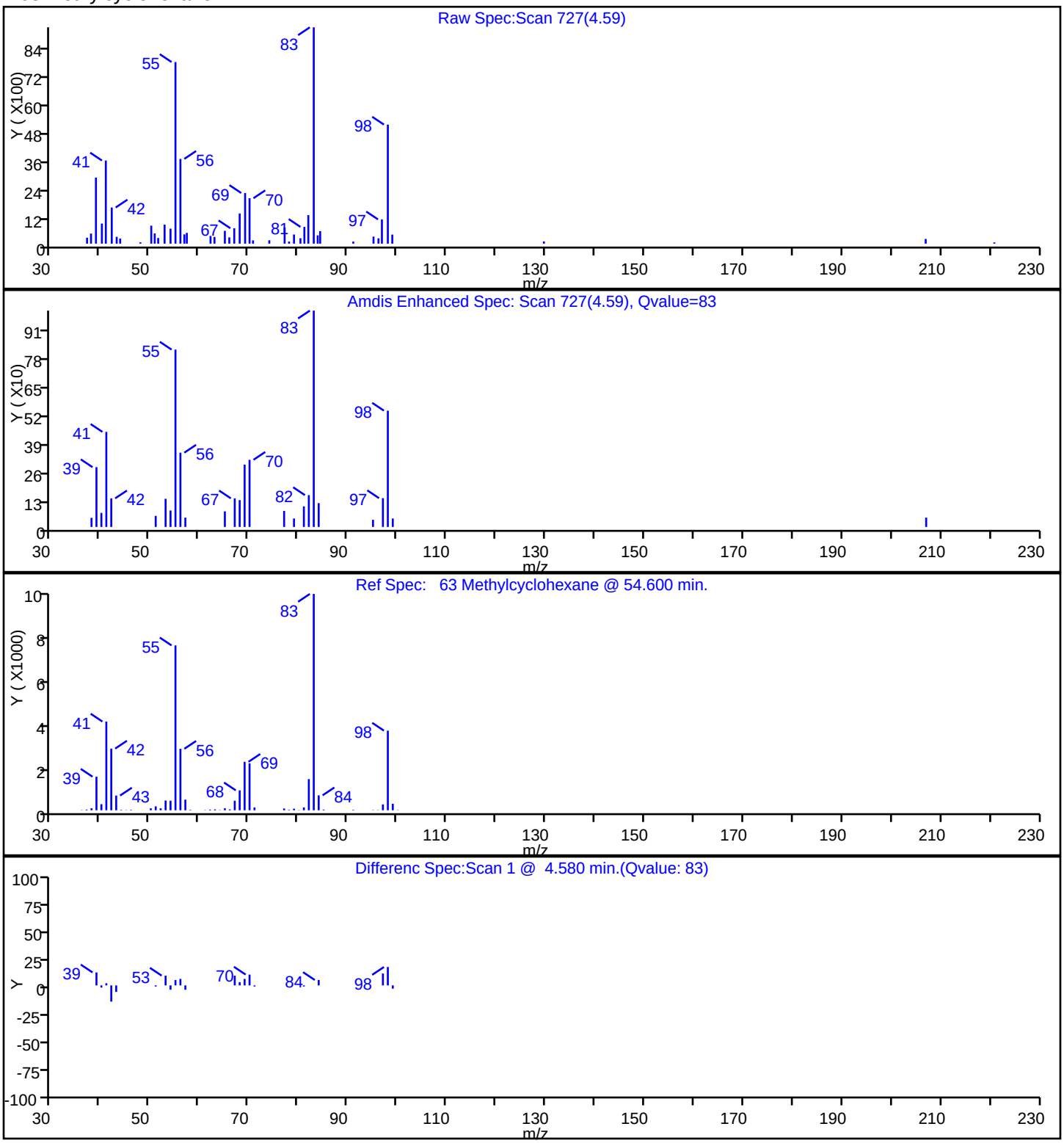
Report Date: 20-Sep-2013 10:06:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

Injection Date:	18-Sep-2013 20:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

63 Methylcyclohexane



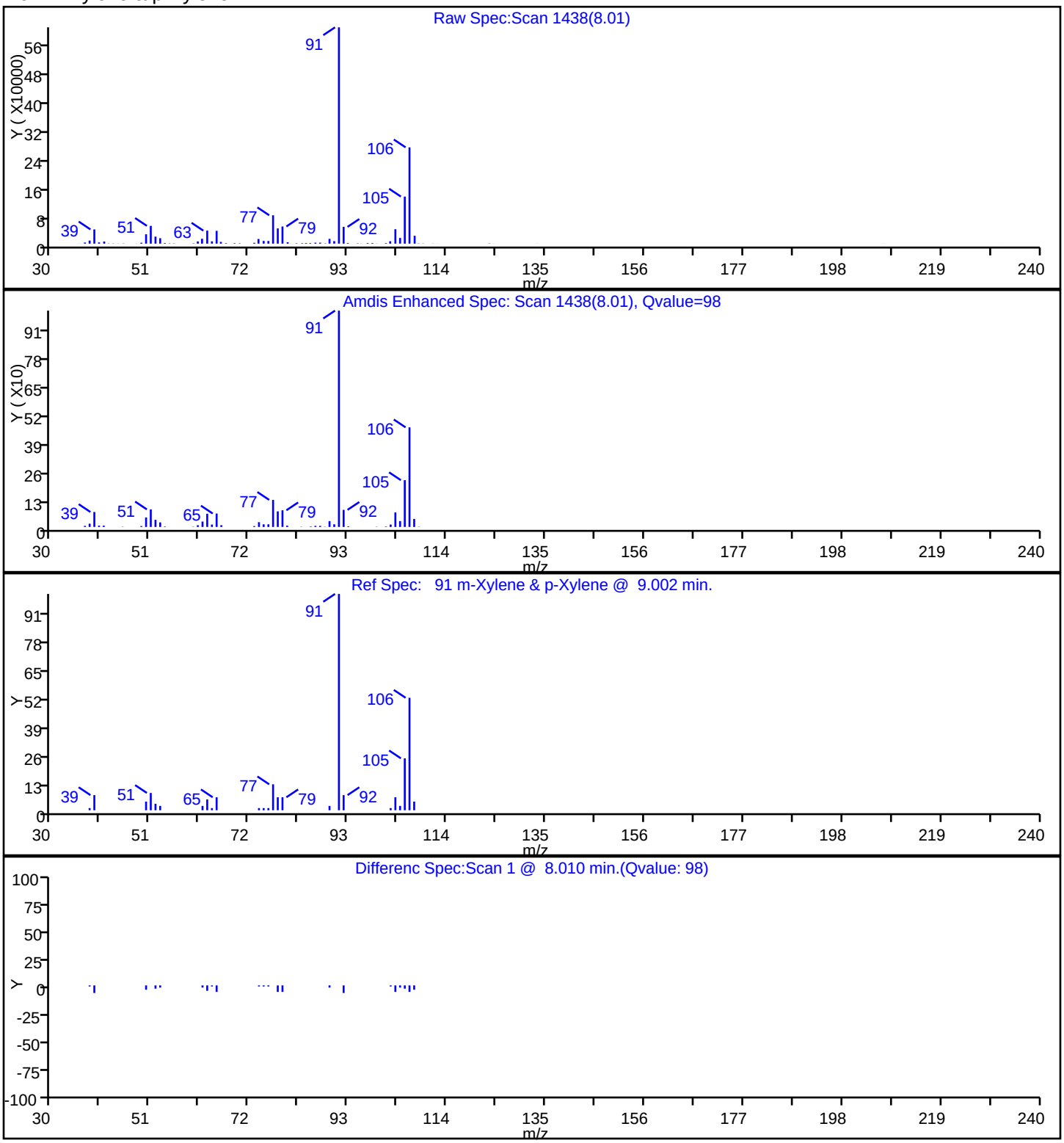
Report Date: 20-Sep-2013 10:06:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

Injection Date:	18-Sep-2013 20:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

91 m-Xylene & p-Xylene



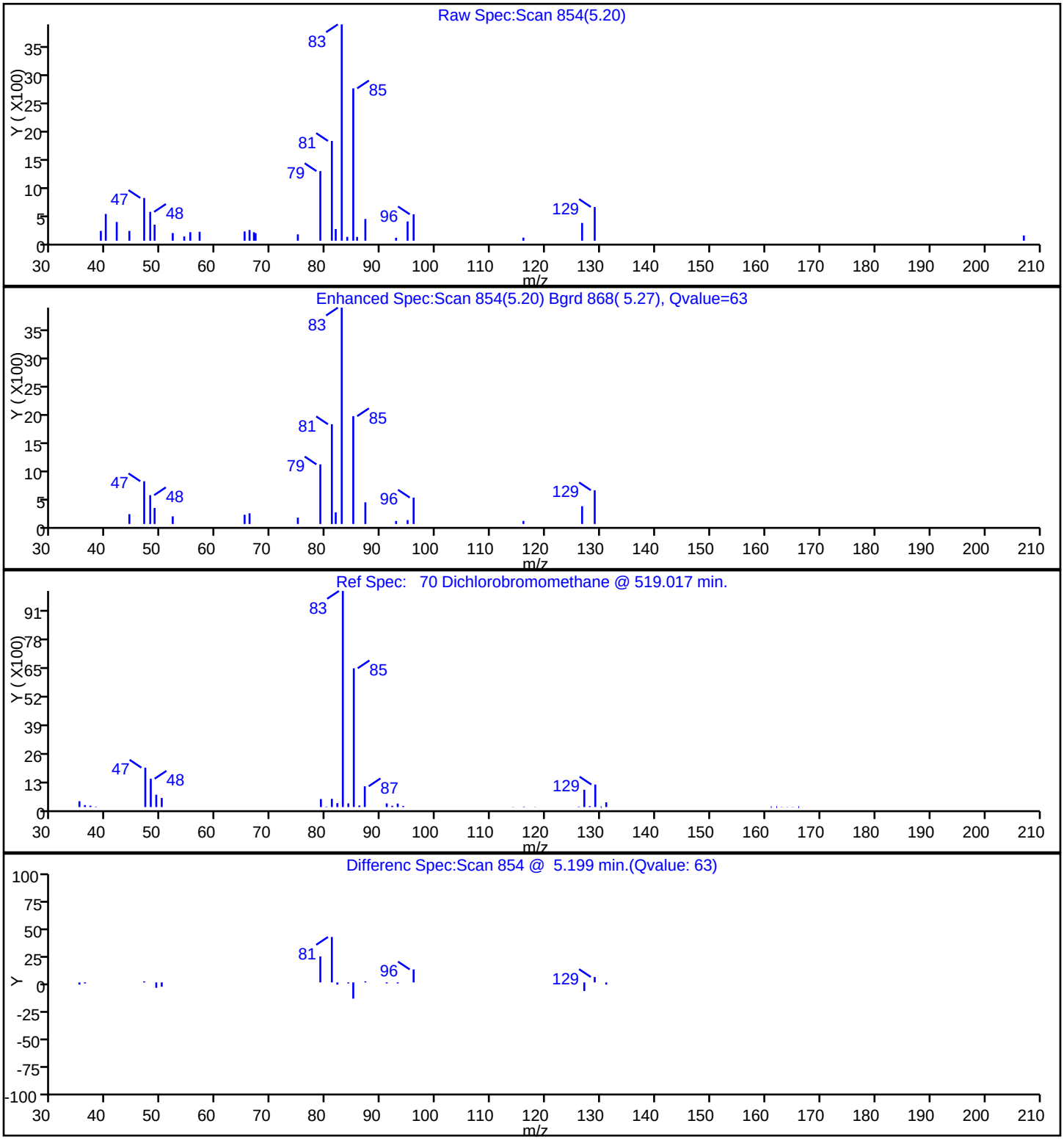
Report Date: 20-Sep-2013 10:06:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

Injection Date:	18-Sep-2013 20:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

70 Dichlorobromomethane



Manual Integration/User Assign Peak Report

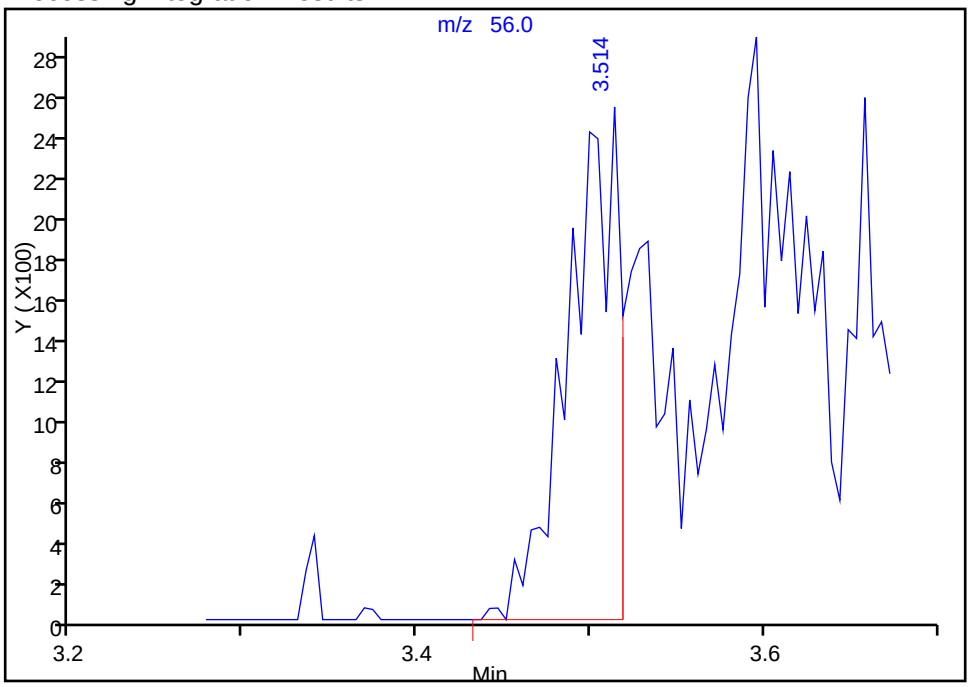
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D		
Injection Date:	18-Sep-2013 20:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

49 Cyclohexane, Signal: 1, m/z: 56.0 Type: quant, RT: 3.50

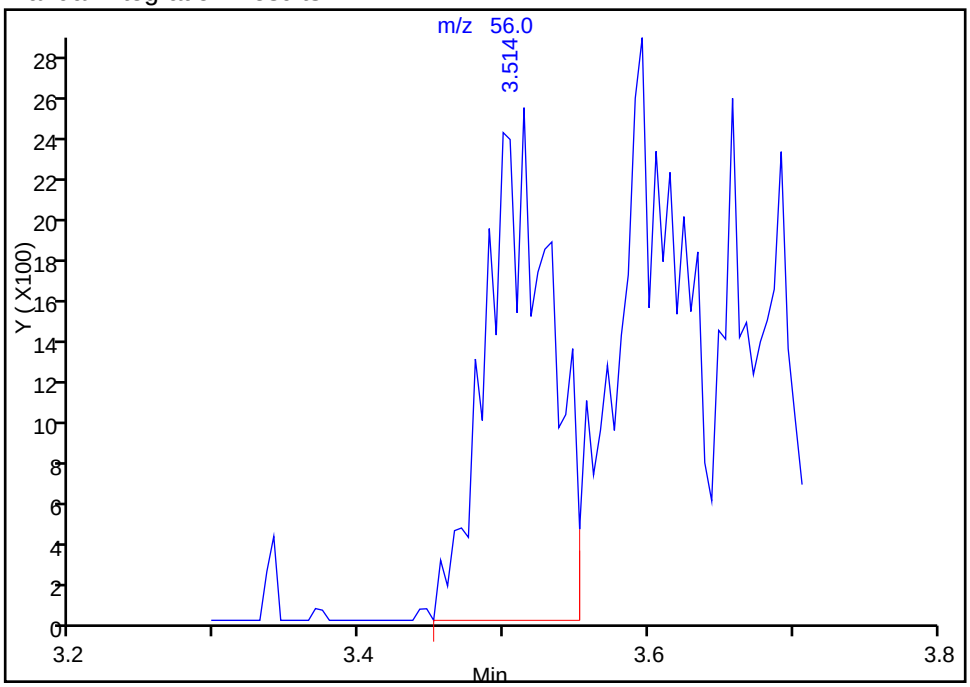
Processing Integration Results

RT: 3.51
Response: 5145
Amount: 0.702822



Manual Integration Results

RT: 3.51
Response: 7761
Amount: 1.060176



Reviewer: delpolitov, 20-Sep-2013 10:05:23
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

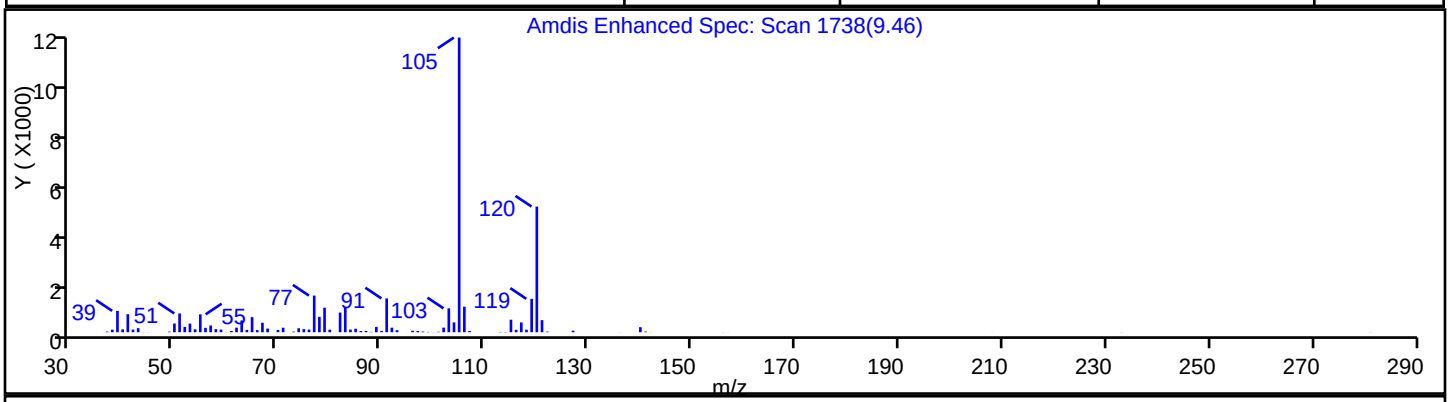
Report Date: 20-Sep-2013 10:06:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

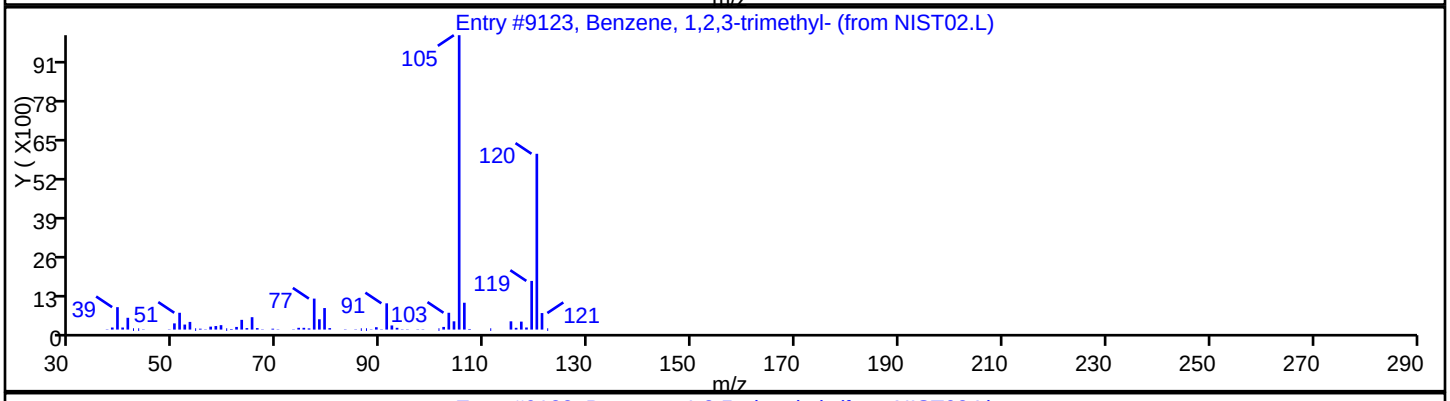
TestAmerica Edison

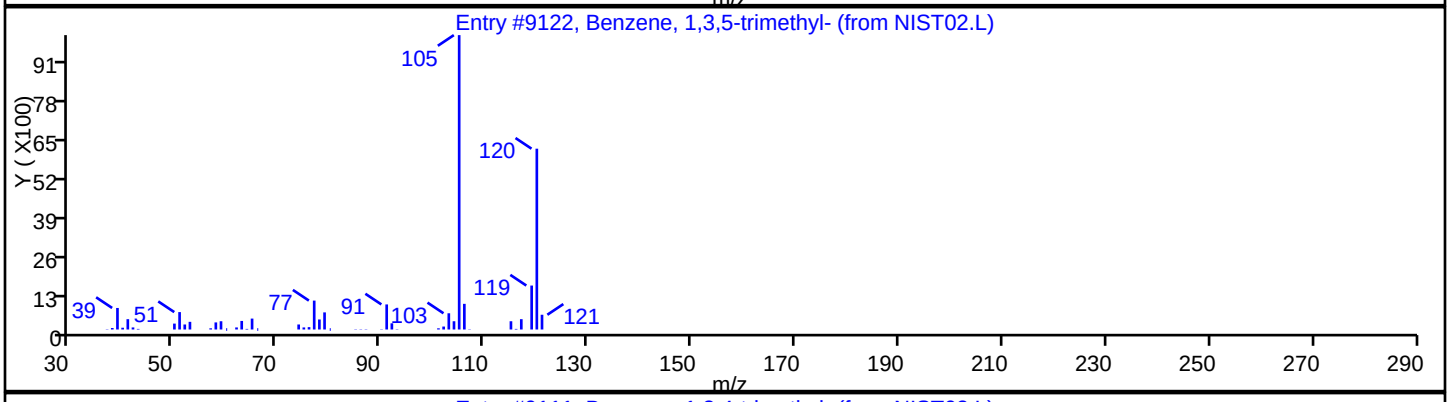
Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

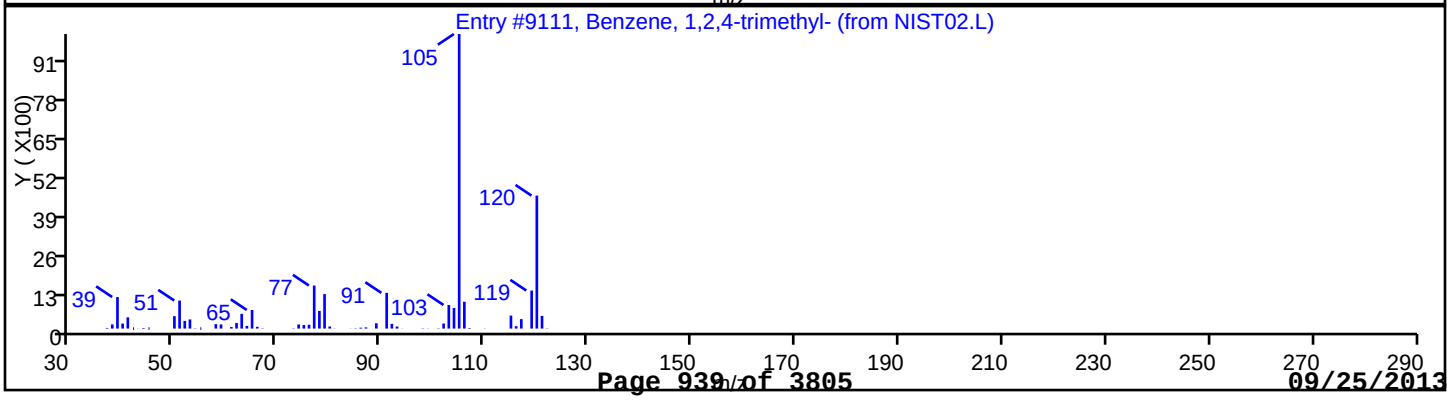
Injection Date:	18-Sep-2013 20:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9123	97
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.L	9122	97
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9111	94









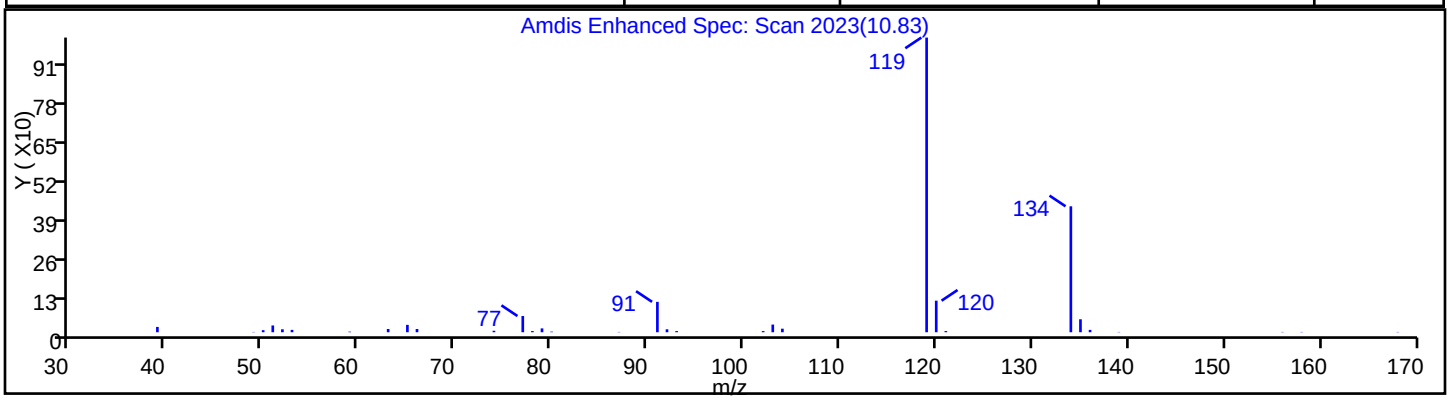
Report Date: 20-Sep-2013 10:06:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

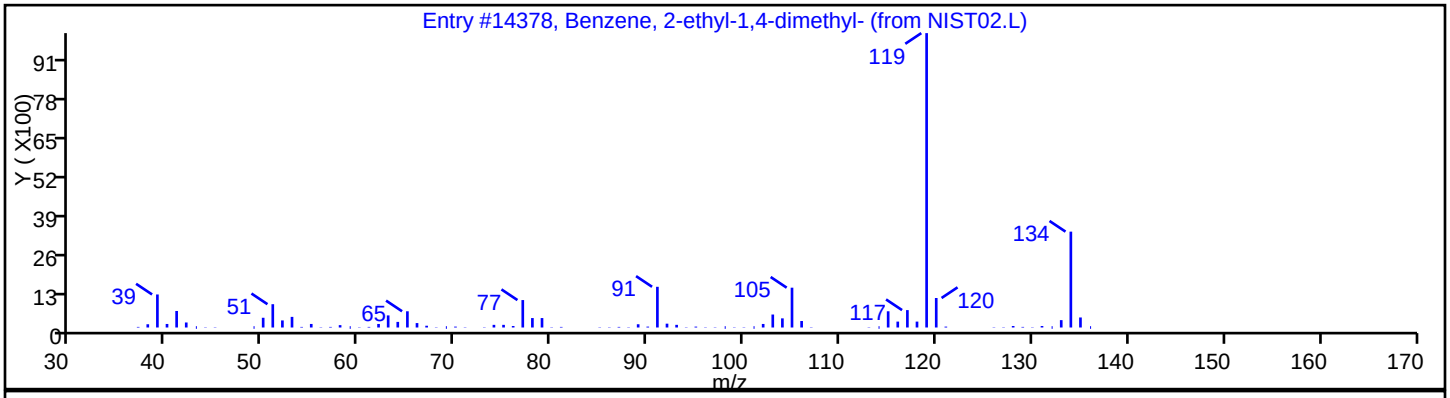
TestAmerica Edison

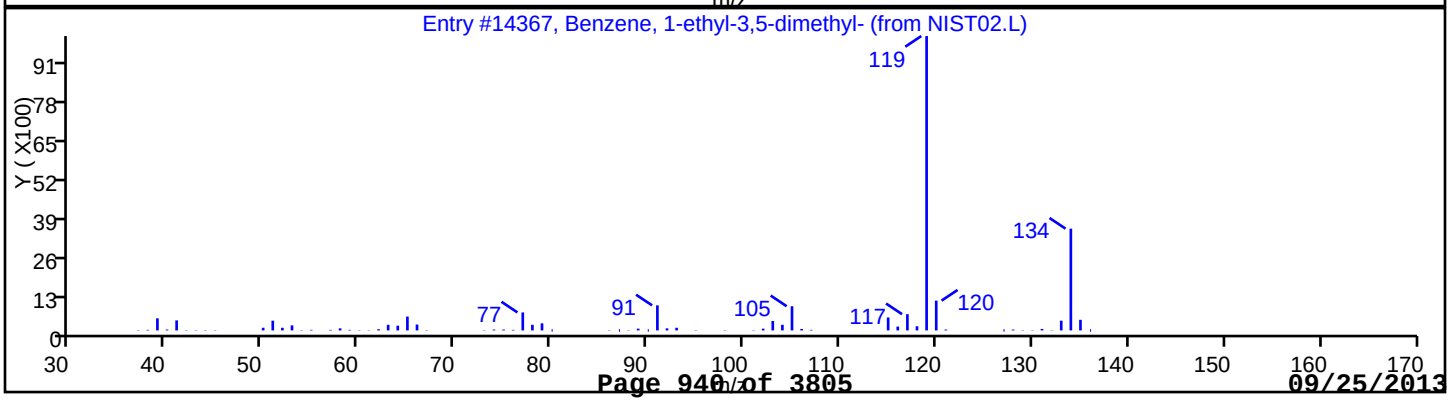
Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

Injection Date:	18-Sep-2013 20:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	16
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
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.L	14378	83
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.L	14367	83







Report Date: 20-Sep-2013 10:06:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

Injection Date: 18-Sep-2013 20:27:30 Limit Group: VOA - 8260B Water and Solid

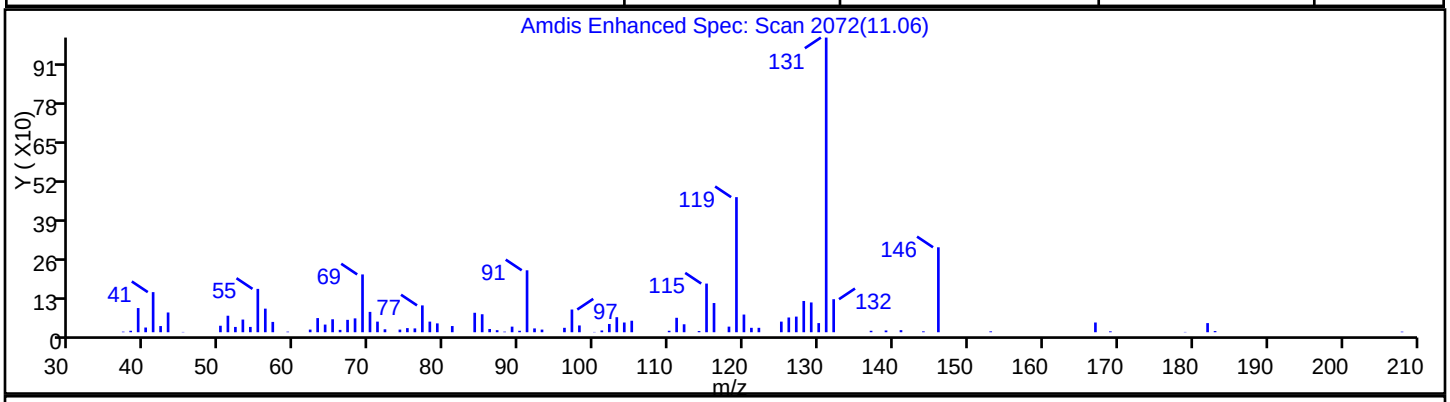
Client ID: PMP-18SE-SI Instrument ID: CVOAMS4

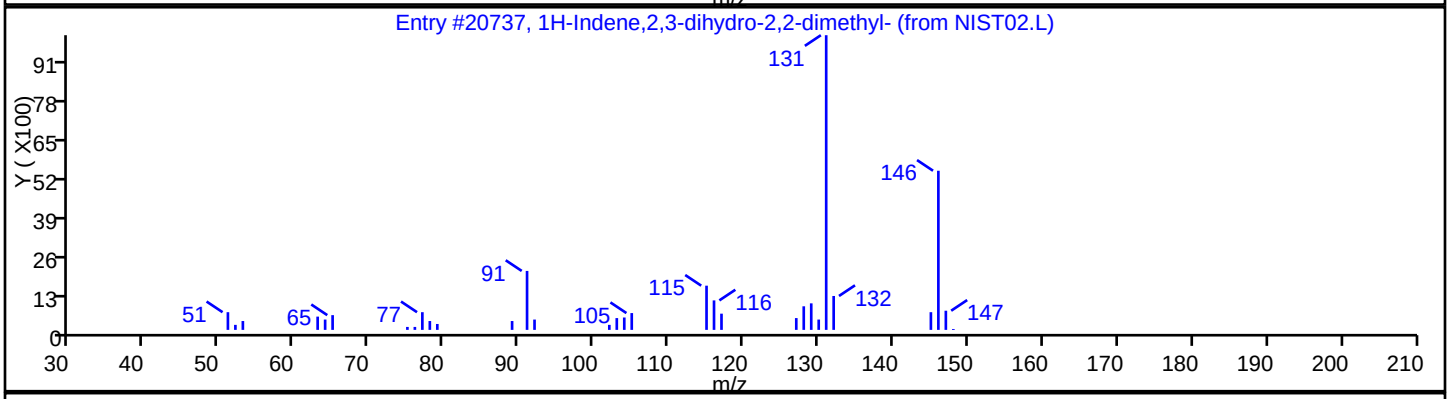
Lims Batch ID: 182028 Lims Sample ID: 16

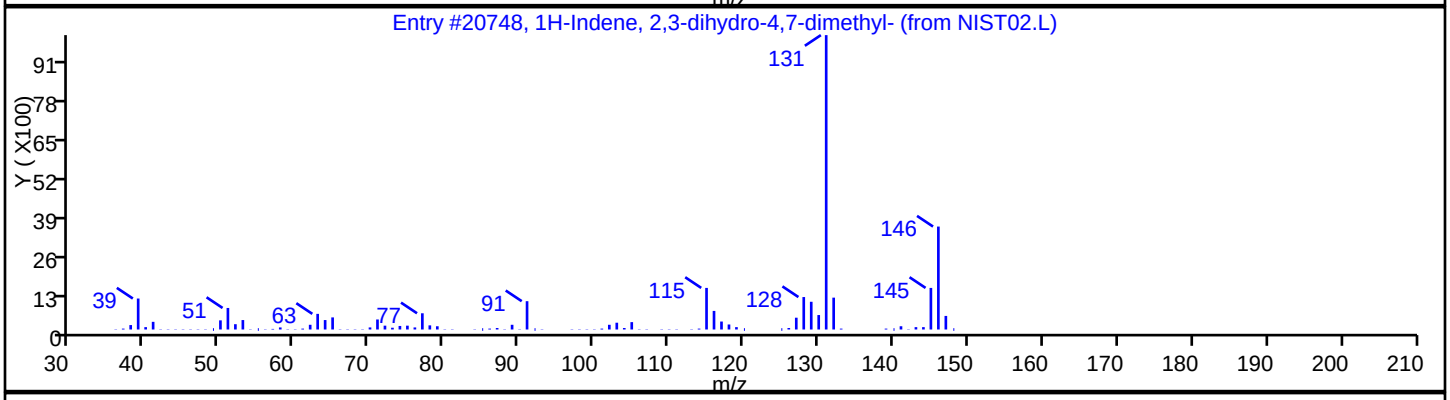
Operator ID: Purge Vol: 5.000 mL

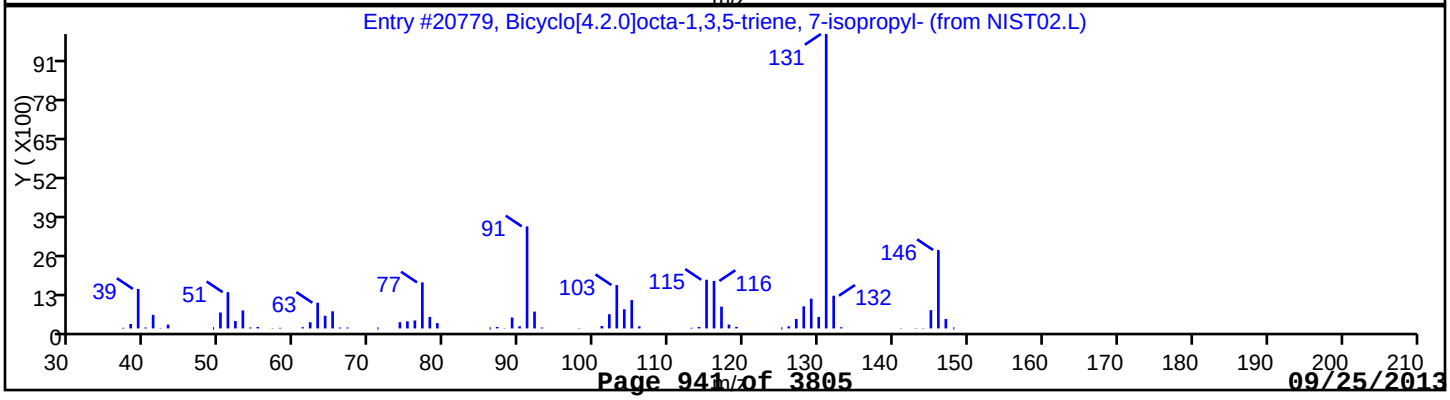
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene,2,3-dihydro-2,2-dimethyl-	20836-11-7	NIST02.L	20737	76
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20748	76
Bicyclo[4.2.0]octa-1,3,5-triene, 7-isopr	27087-54-3	NIST02.L	20779	70









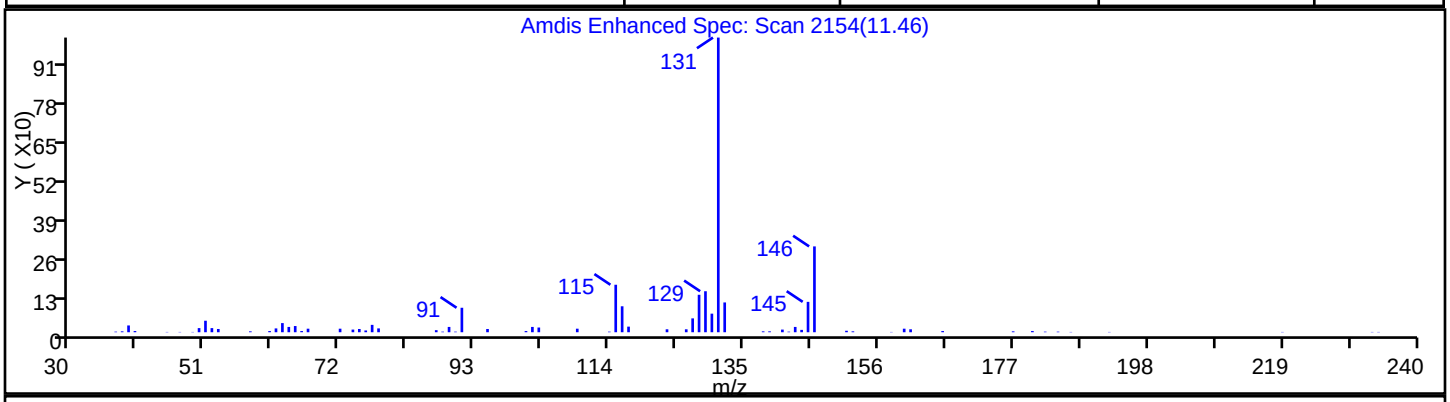
Report Date: 20-Sep-2013 10:06:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

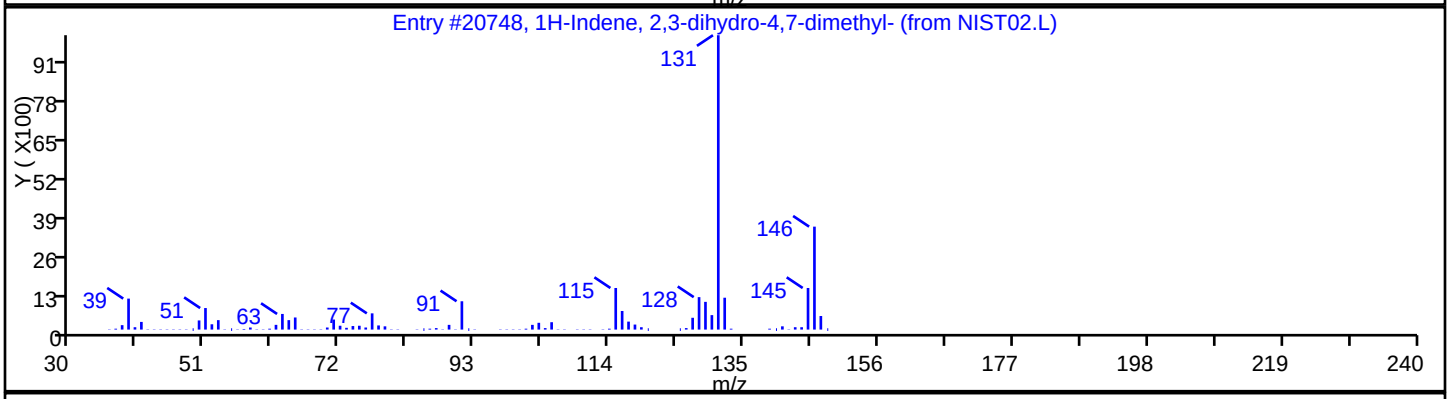
TestAmerica Edison

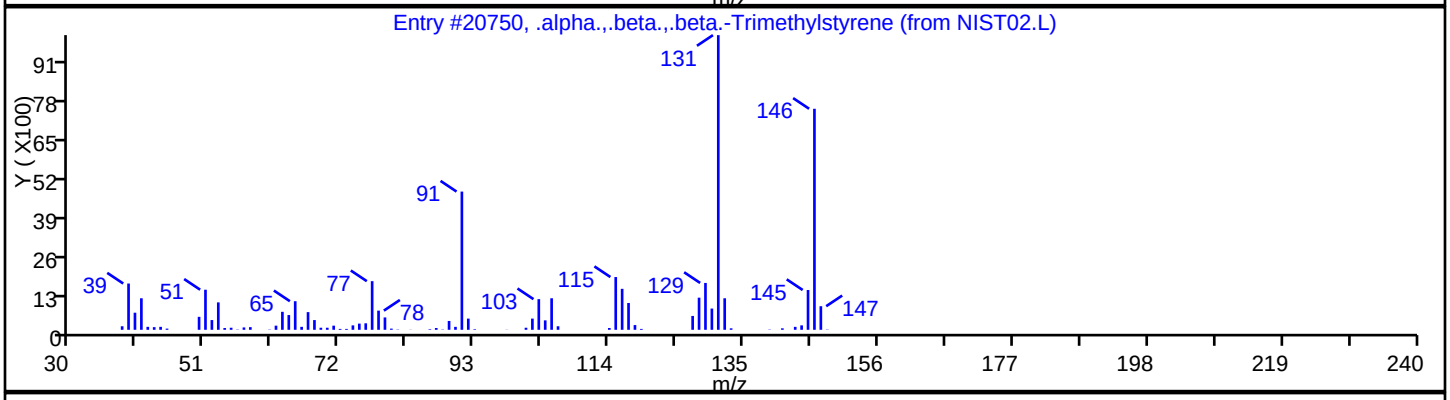
Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

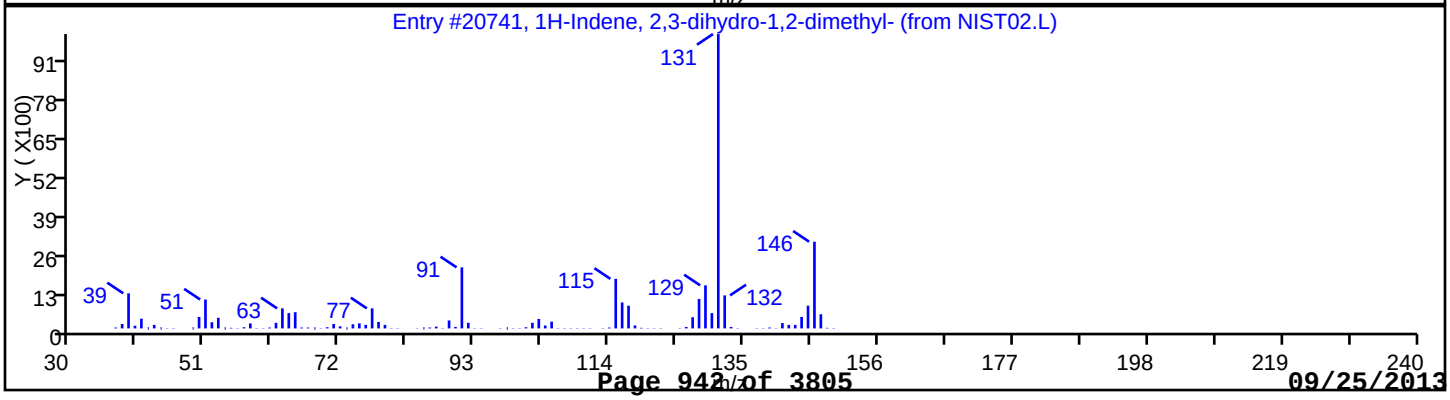
Injection Date:	18-Sep-2013 20:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20748	91
.alpha.,.beta.,.beta.-Trimethylstyrene	769-57-3	NIST02.L	20750	91
1H-Indene, 2,3-dihydro-1,2-dimethyl-	17057-82-8	NIST02.L	20741	91









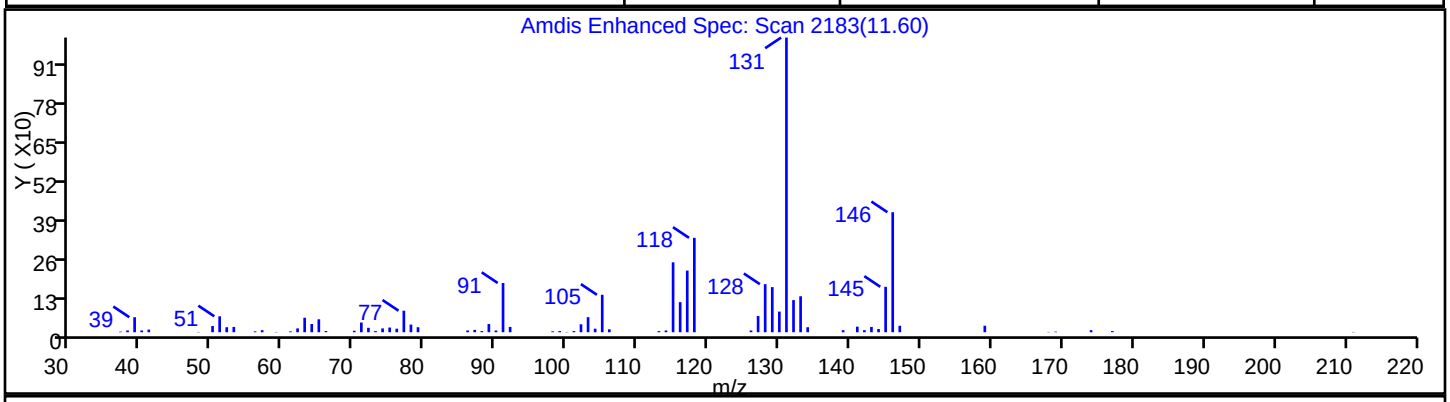
Report Date: 20-Sep-2013 10:06:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

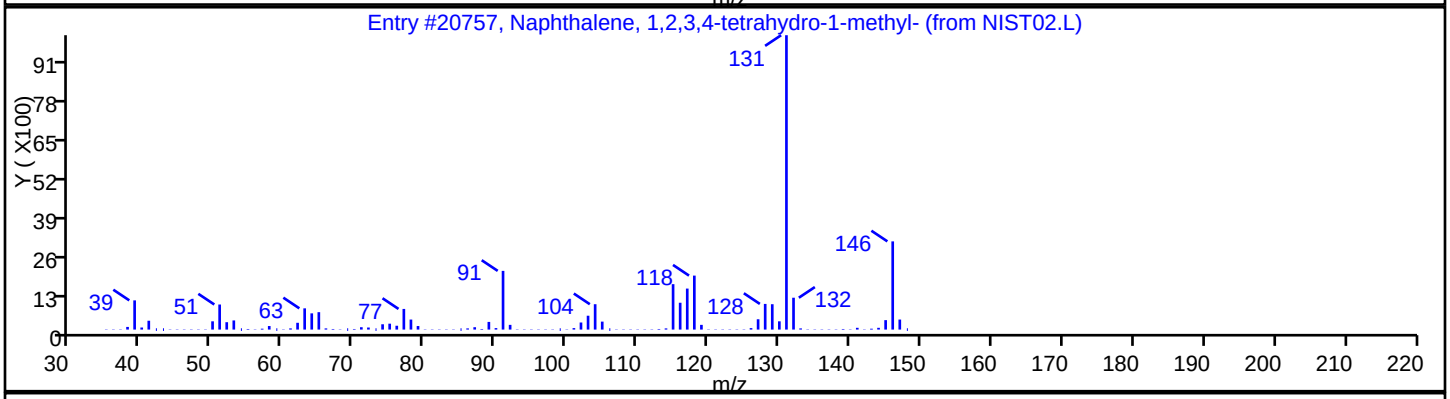
TestAmerica Edison

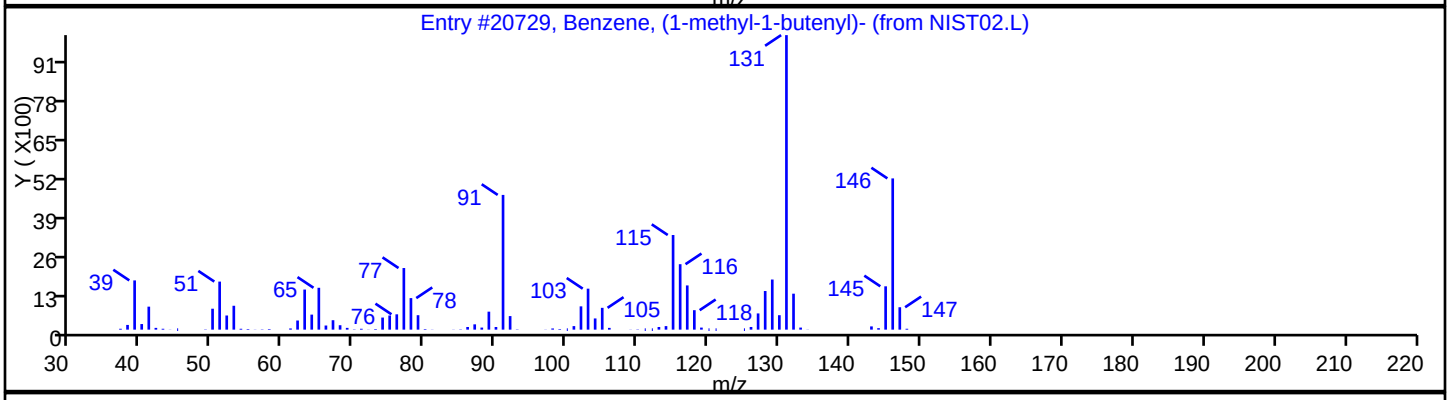
Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

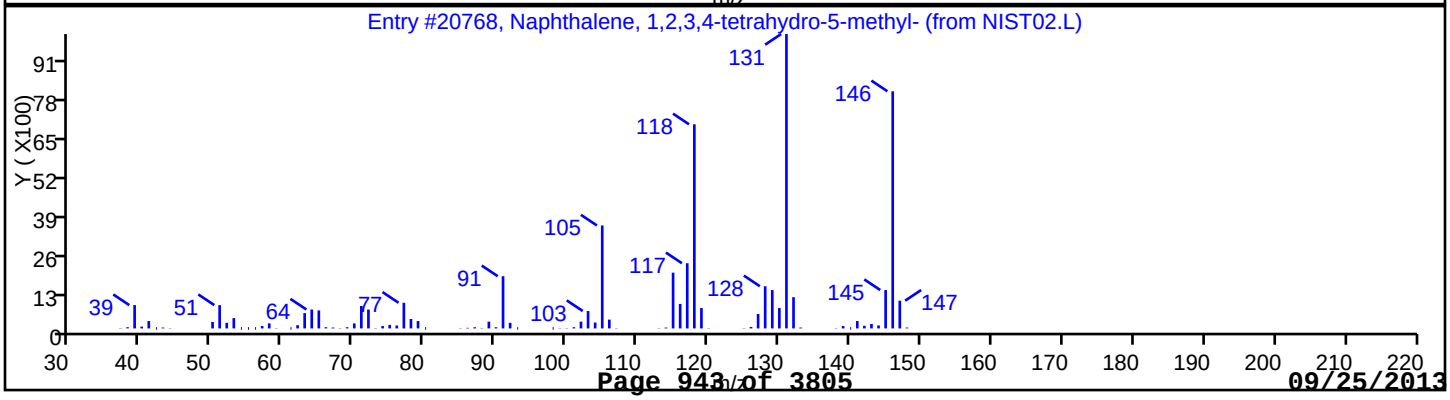
Injection Date:	18-Sep-2013 20:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 1,2,3,4-tetrahydro-1-methyl	1559-81-5	NIST02.L	20757	83
Benzene, (1-methyl-1-butenyl)-	53172-84-2	NIST02.L	20729	81
Naphthalene, 1,2,3,4-tetrahydro-5-methyl	2809-64-5	NIST02.L	20768	80









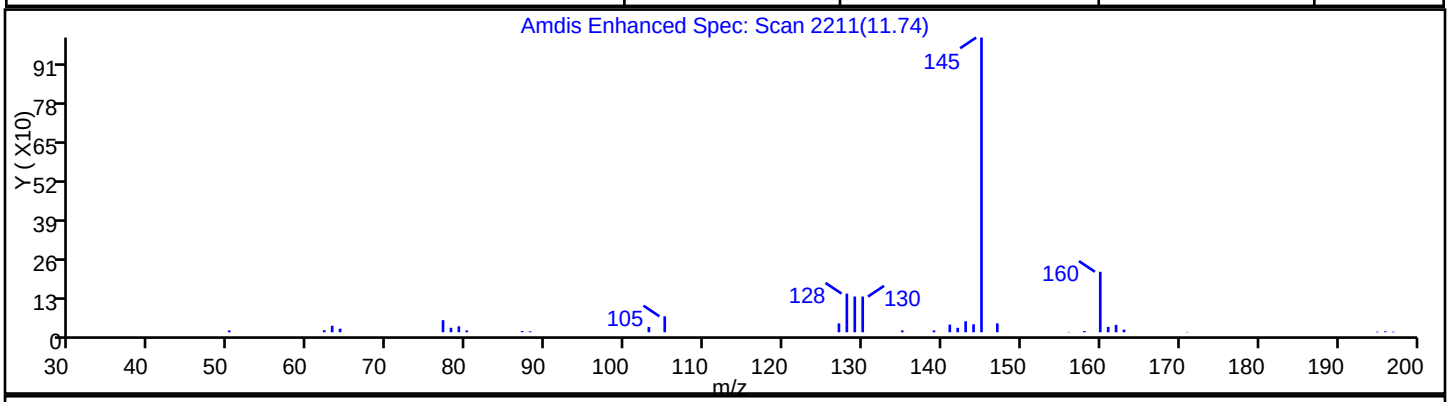
Report Date: 20-Sep-2013 10:06:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

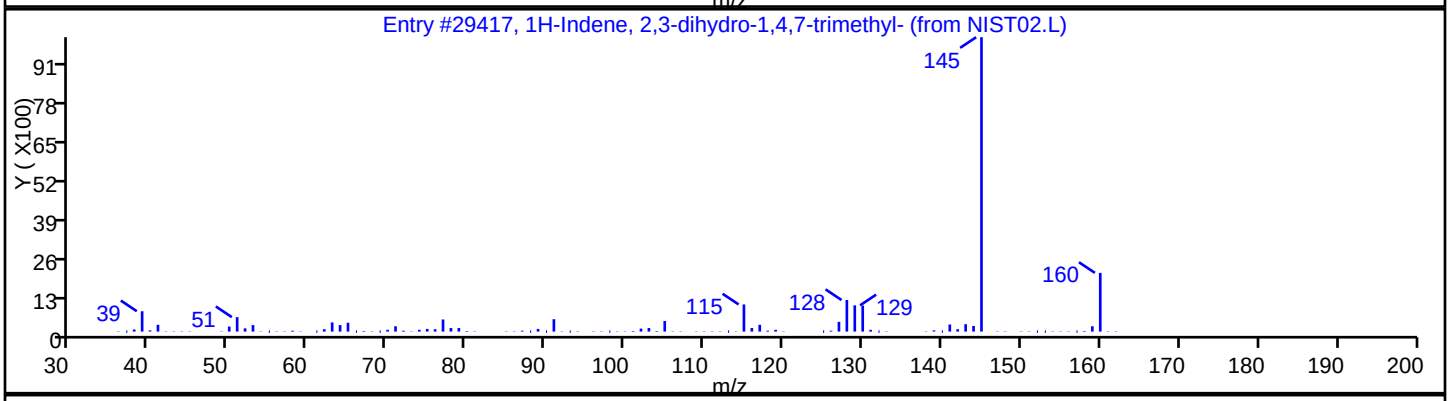
TestAmerica Edison

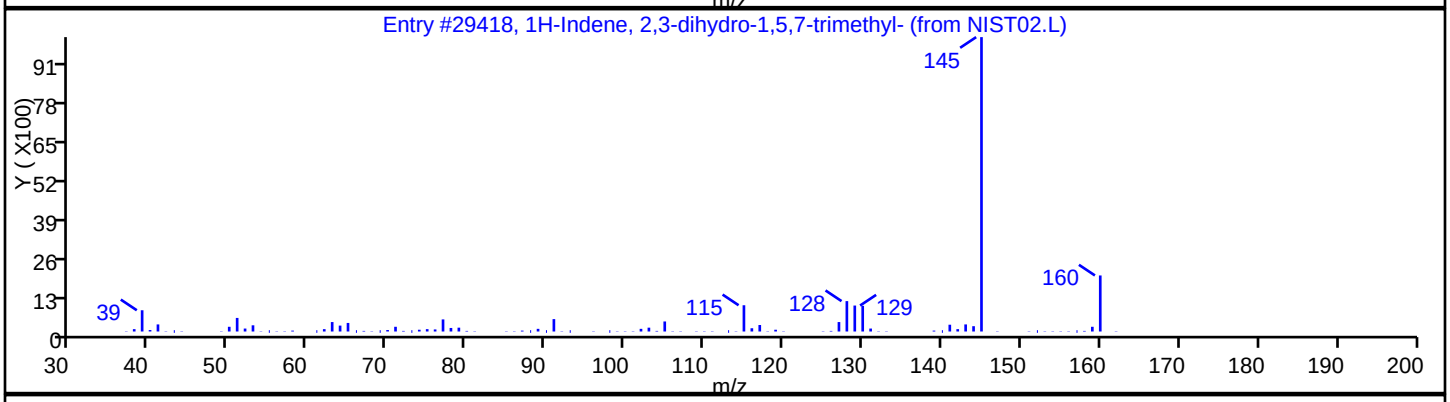
Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

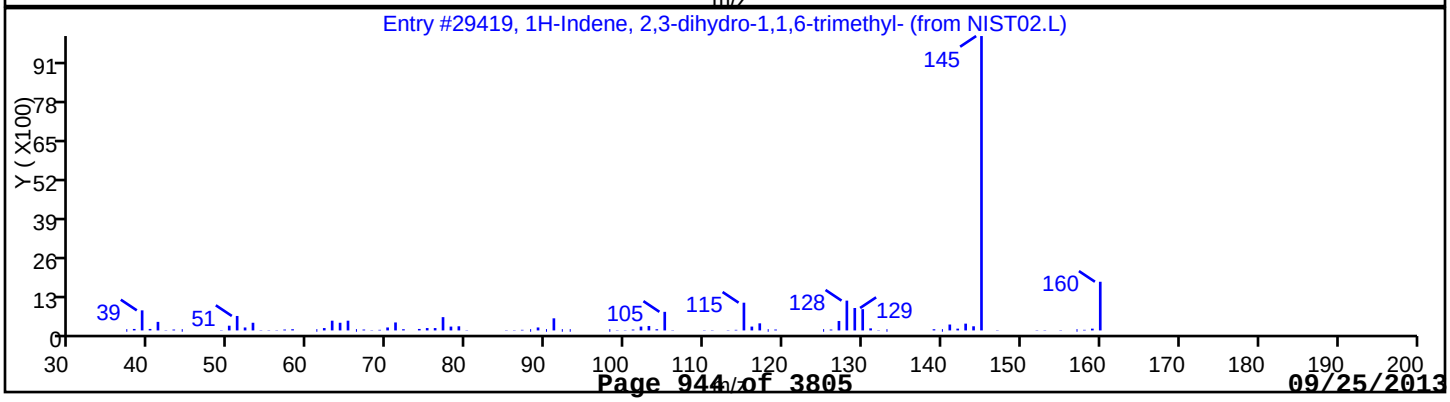
Injection Date:	18-Sep-2013 20:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-18SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene, 2,3-dihydro-1,4,7-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-1,1,6-trimethyl-	14276-95-0	NIST02.L	29419	90









Report Date: 20-Sep-2013 10:06:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

Injection Date: 18-Sep-2013 20:27:30 Limit Group: VOA - 8260B Water and Solid

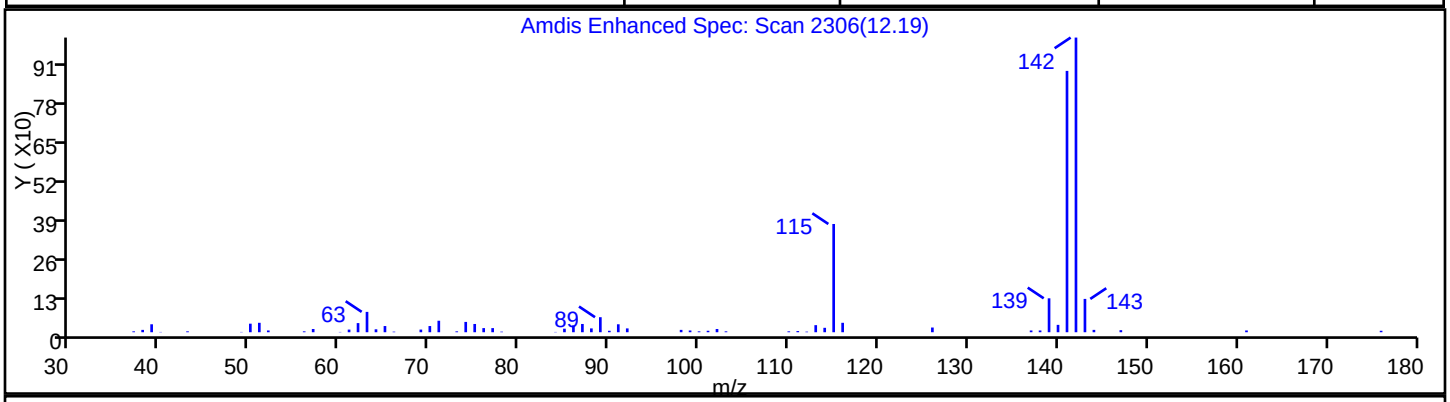
Client ID: PMP-18SE-SI Instrument ID: CVOAMS4

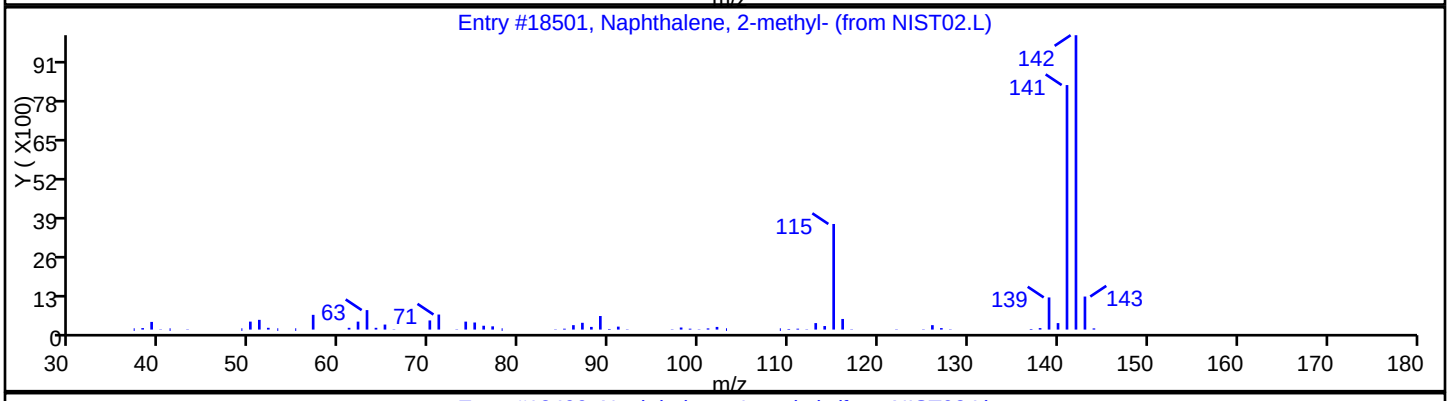
Lims Batch ID: 182028 Lims Sample ID: 16

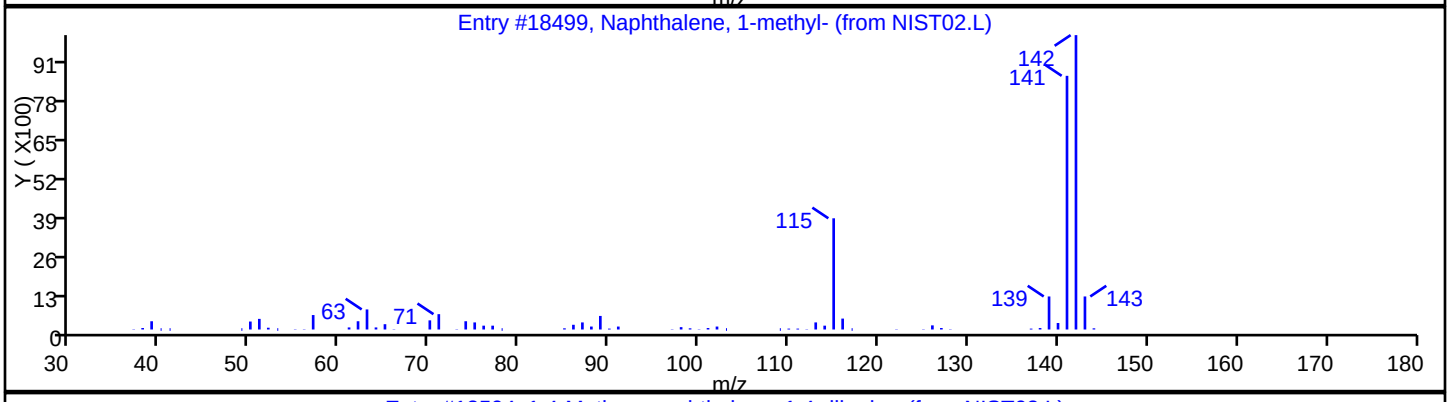
Operator ID: Purge Vol: 5.000 mL

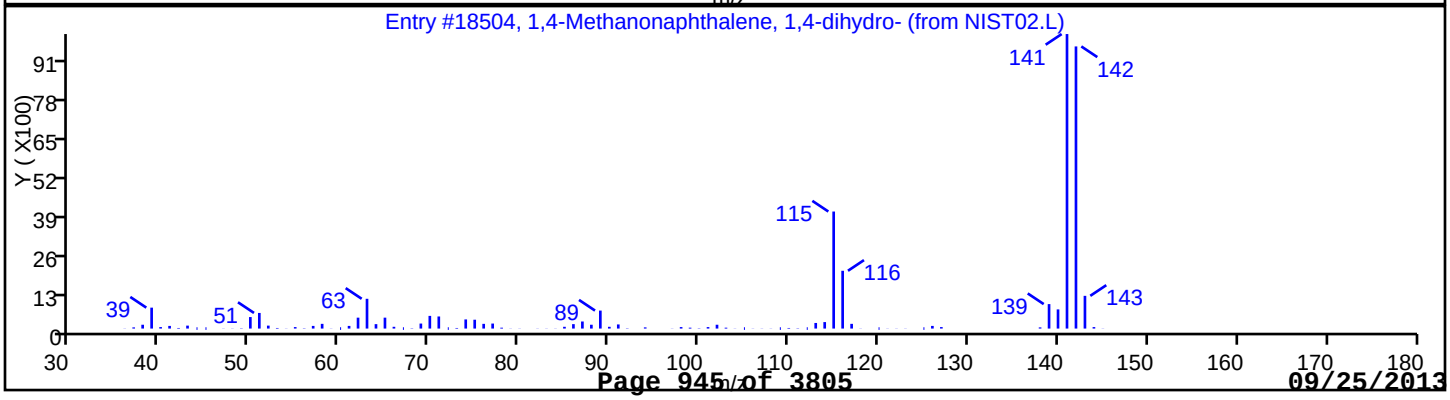
Column Type: Rtx-624 Column Dia: 0.25 mm

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 10:06:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

Injection Date: 18-Sep-2013 20:27:30 Limit Group: VOA - 8260B Water and Solid

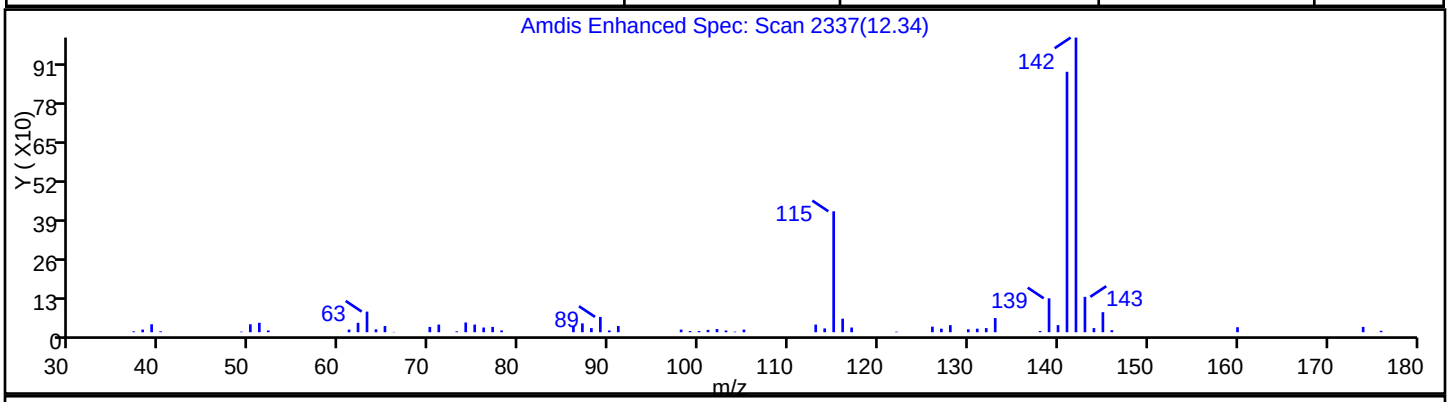
Client ID: PMP-18SE-SI Instrument ID: CVOAMS4

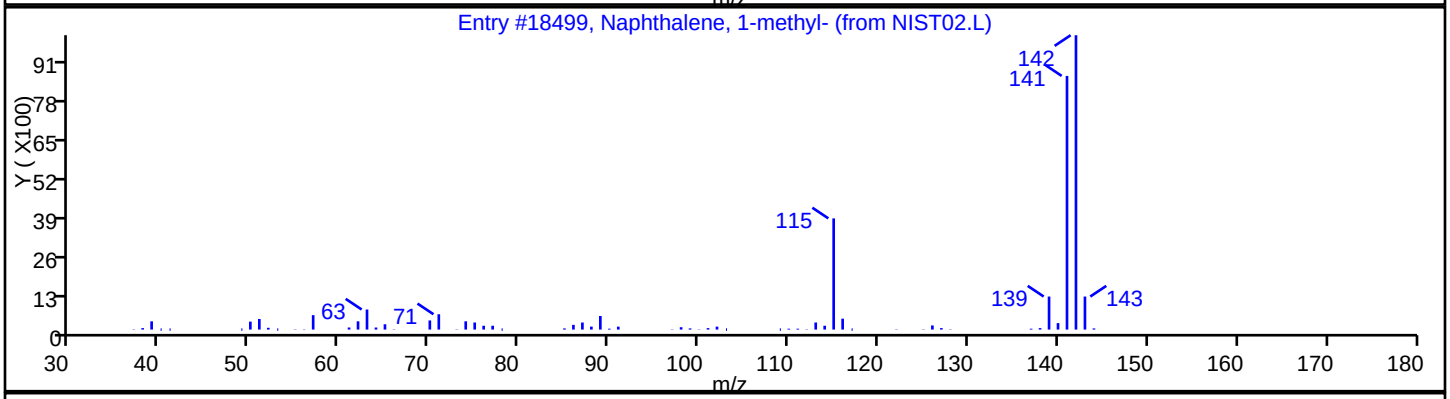
Lims Batch ID: 182028 Lims Sample ID: 16

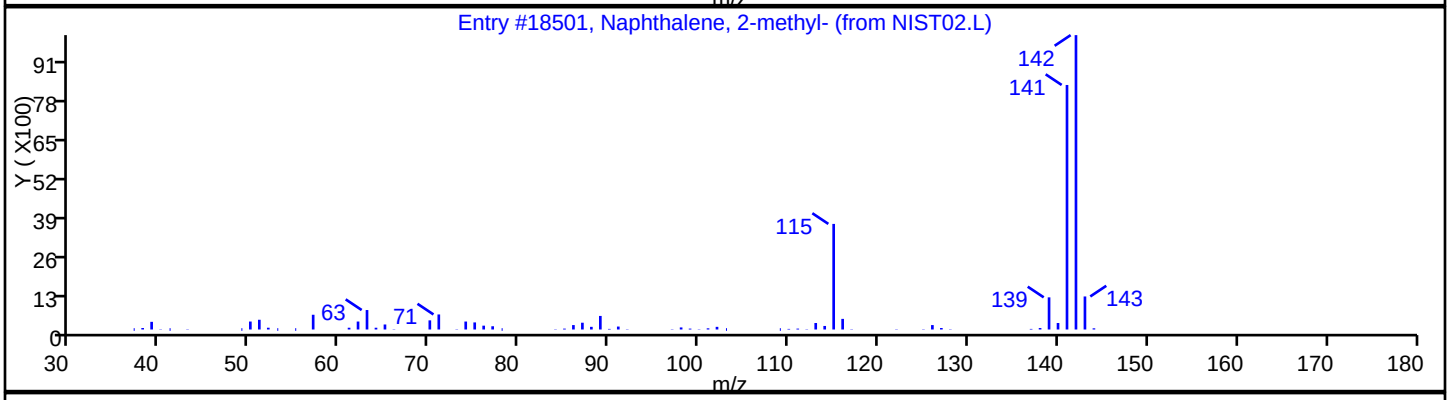
Operator ID: Purge Vol: 5.000 mL

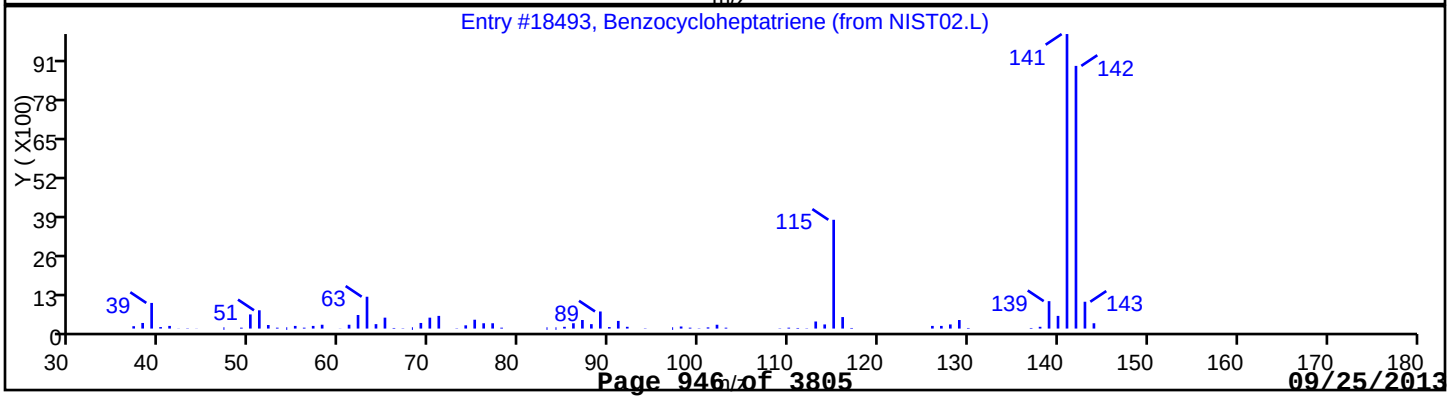
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	96
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	96
Benzocycloheptatriene	264-09-5	NIST02.L	18493	91









Report Date: 20-Sep-2013 10:06:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

Injection Date: 18-Sep-2013 20:27:30 Limit Group: VOA - 8260B Water and Solid

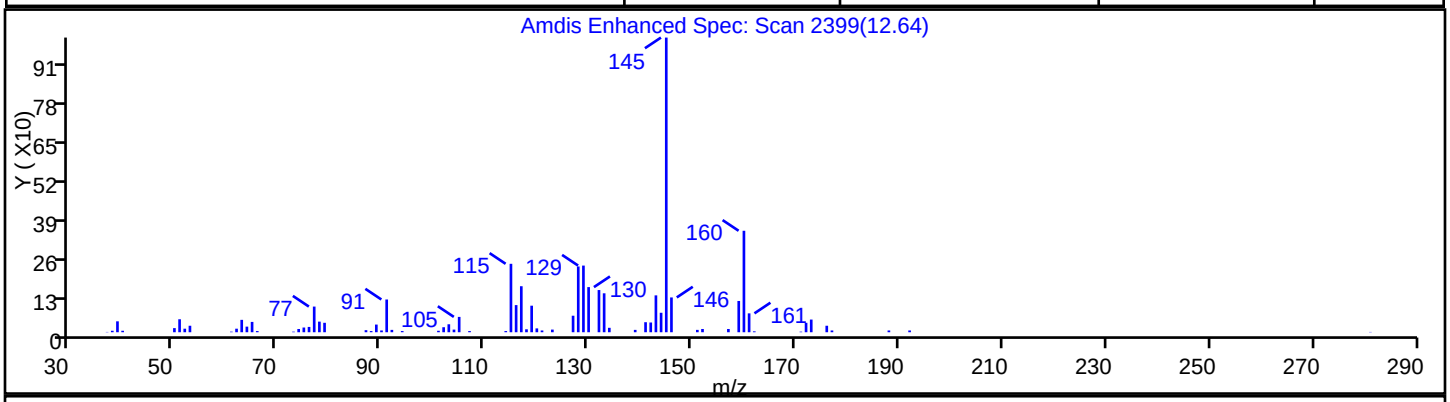
Client ID: PMP-18SE-SI Instrument ID: CVOAMS4

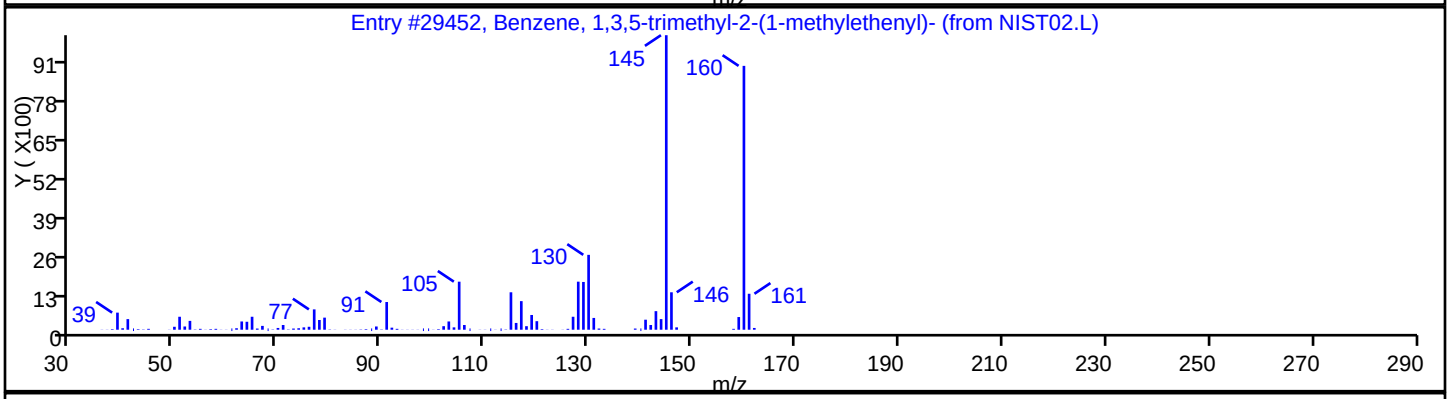
Lims Batch ID: 182028 Lims Sample ID: 16

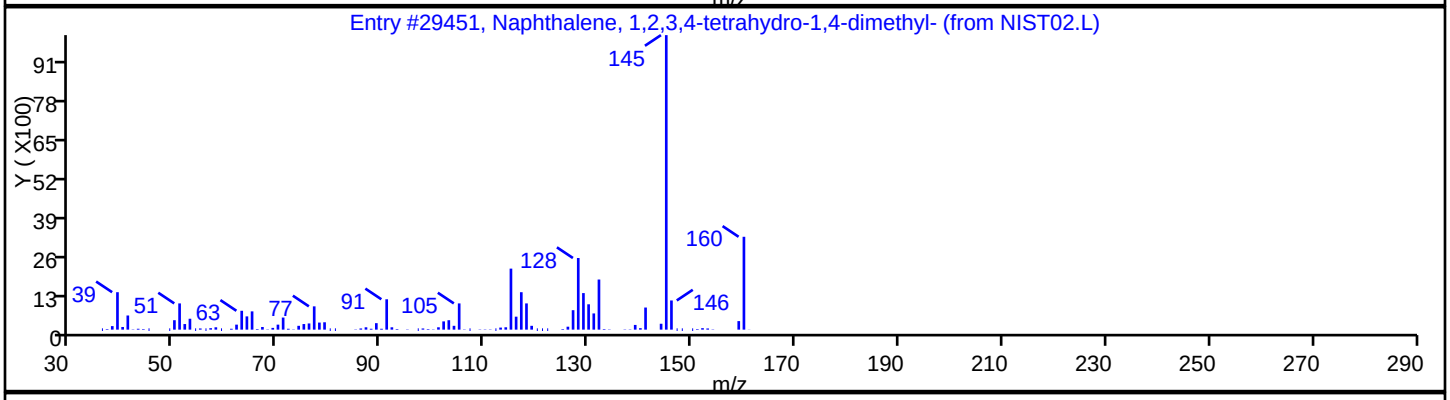
Operator ID: Purge Vol: 5.000 mL

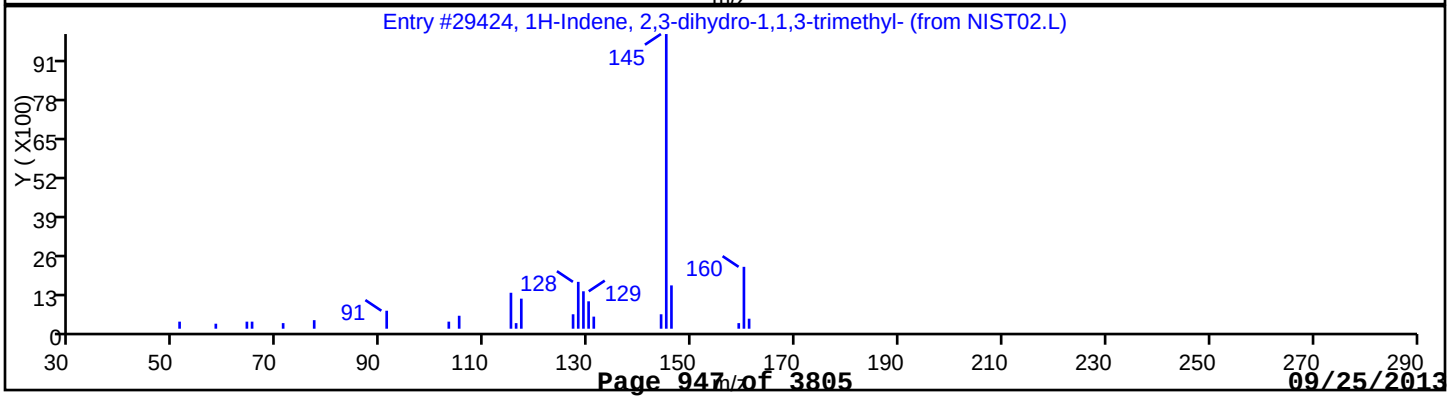
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1,3,5-trimethyl-2-(1-methylethe	14679-13-1	NIST02.L	29452	90
Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	4175-54-6	NIST02.L	29451	81
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	2613-76-5	NIST02.L	29424	76









Report Date: 20-Sep-2013 10:06:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363101.D

Injection Date: 18-Sep-2013 20:27:30 Limit Group: VOA - 8260B Water and Solid

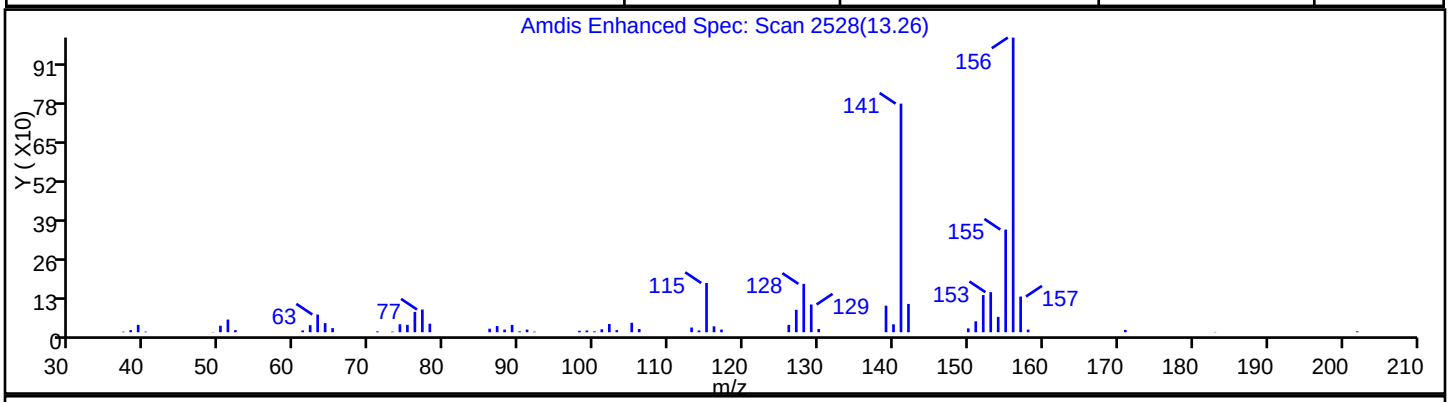
Client ID: PMP-18SE-SI Instrument ID: CVOAMS4

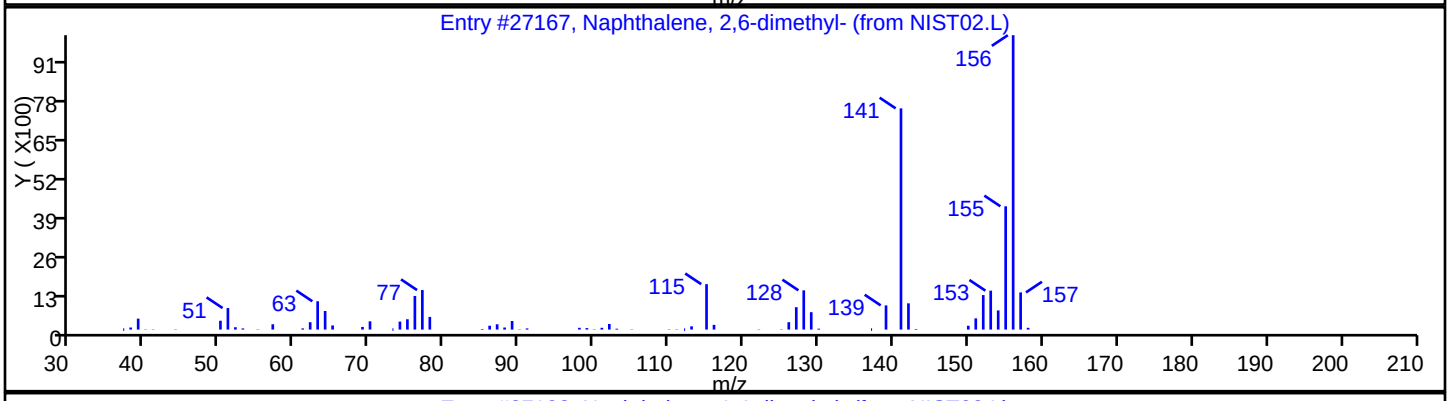
Lims Batch ID: 182028 Lims Sample ID: 16

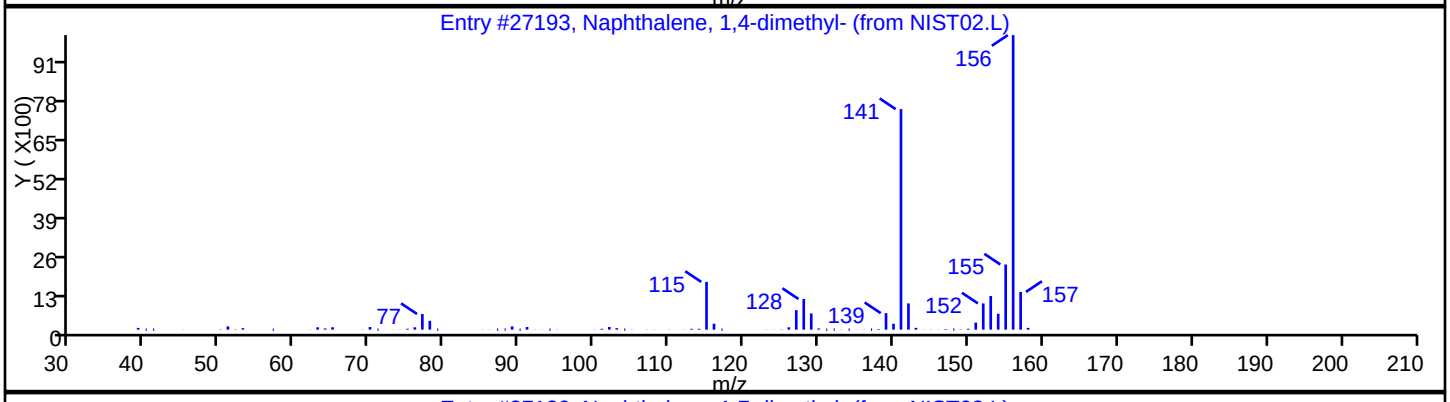
Operator ID: Purge Vol: 5.000 mL

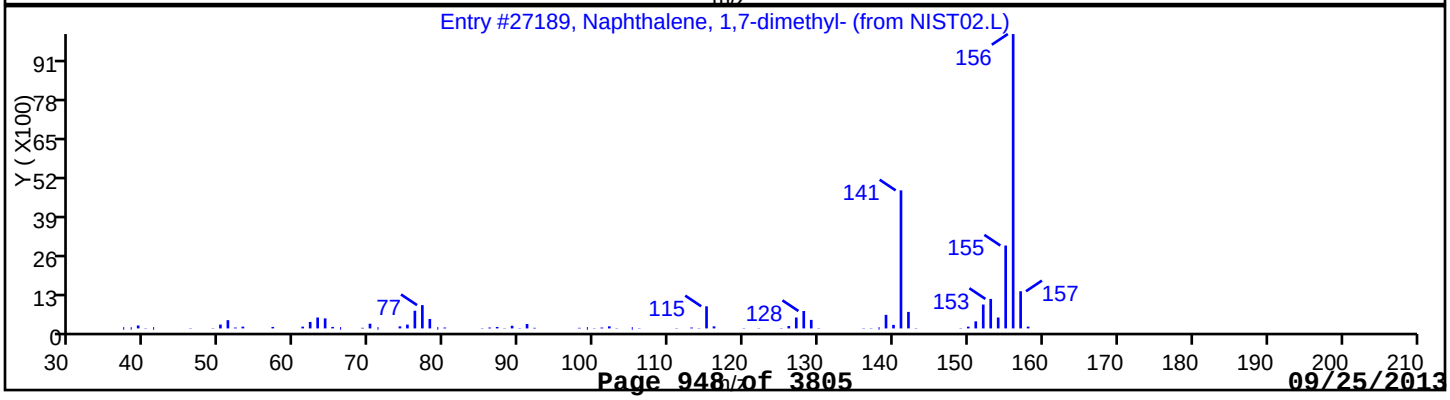
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02.L	27167	97
Naphthalene, 1,4-dimethyl-	571-58-4	NIST02.L	27193	97
Naphthalene, 1,7-dimethyl-	575-37-1	NIST02.L	27189	96









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-VD | Lab Sample ID: 460-62968-14

Matrix: Solid | Lab File ID: D363133.D

Analysis Method: 8260B | Date Collected: 09/12/2013 10:55

Sample wt/vol: 6.151(g) | Date Analyzed: 09/19/2013 11:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.9 | Level: (low/med) Low

Analysis Batch No.: 182082 | 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	0.37	U	0.85	0.37
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	4.3	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	0.094	U	0.85	0.094
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.85	0.11
156-59-2	cis-1,2-Dichloroethene	0.094	U	0.85	0.094
67-66-3	Chloroform	0.21	U	0.85	0.21
78-93-3	2-Butanone	0.54	U	4.3	0.54
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	0.15	U	0.85	0.15
100-42-5	Styrene	0.24	U	0.85	0.24
100-41-4	Ethylbenzene	0.15	U	0.85	0.15
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	0.094	U	0.85	0.094
591-78-6	2-Hexanone	0.11	U	4.3	0.11
1634-04-4	MTBE	0.094	U	0.85	0.094
76-13-1	Freon TF	0.094	U	0.85	0.094
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	4.3	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-VD | Lab Sample ID: 460-62968-14

Matrix: Solid | Lab File ID: D363133.D

Analysis Method: 8260B | Date Collected: 09/12/2013 10:55

Sample wt/vol: 6.151(g) | Date Analyzed: 09/19/2013 11:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.9 | Level: (low/med) Low

Analysis Batch No.: 182082 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.90		0.85	0.094
120-82-1	1,2,4-Trichlorobenzene	1.3		0.85	0.16
87-61-6	1,2,3-Trichlorobenzene	0.56	J	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	2.6	0.57
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	0.85	0.38
79-34-5	1,1,2,2-Tetrachloroethane	0.077	U	0.85	0.077
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	0.094	U	0.85	0.094
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)	90		70-130
2037-26-5	Toluene-d8 (Surr)	108		70-130
460-00-4	Bromofluorobenzene	112		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-VD Lab Sample ID: 460-62968-14

Matrix: Solid Lab File ID: D363133.D

Analysis Method: 8260B Date Collected: 09/12/2013 10:55

Sample wt/vol: 6.151(g) Date Analyzed: 09/19/2013 11:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.9 Level: (low/med) Low

Analysis Batch No.: 182082 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\CVOAMS4\20130919-4794.b\D363133.D		
Lims ID:	460-62968-C-14-A	Client ID:	PMP-17SE-VD
Inject. Date:	19-Sep-2013 11:53:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-C-14-A		
Misc. Info.:	460-0004794-021		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	20
Lims Batch ID:	182082	Lims Sample ID:	21
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\8260S_4.m		
Last Update:	20-Sep-2013 07:08:55	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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:	19-Sep-2013 19:24:00

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.661	2.652	0.009	69	219423	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.721	3.721	0.0	93	204619	48.3	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.173	4.169	0.004	96	203419	45.2	
* 59 Fluorobenzene	96	4.438	4.429	0.009	99	722461	50.0	
* 150 1,4-Dioxane-d8	96	5.401	5.406	-0.005	1	17894	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.104	6.104	0.0	98	752010	53.9	
* 87 Chlorobenzene-d5	117	7.795	7.795	0.0	85	525738	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	89	242233	55.8	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	95	280636	50.0	
117 1,4-Dichlorobenzene	146	9.750	9.750	0.0	42	12104	1.05	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	89	14183	1.51	
128 1,2,3-Trichlorobenzene	180	11.464	11.464	0.0	57	5351	0.6558	

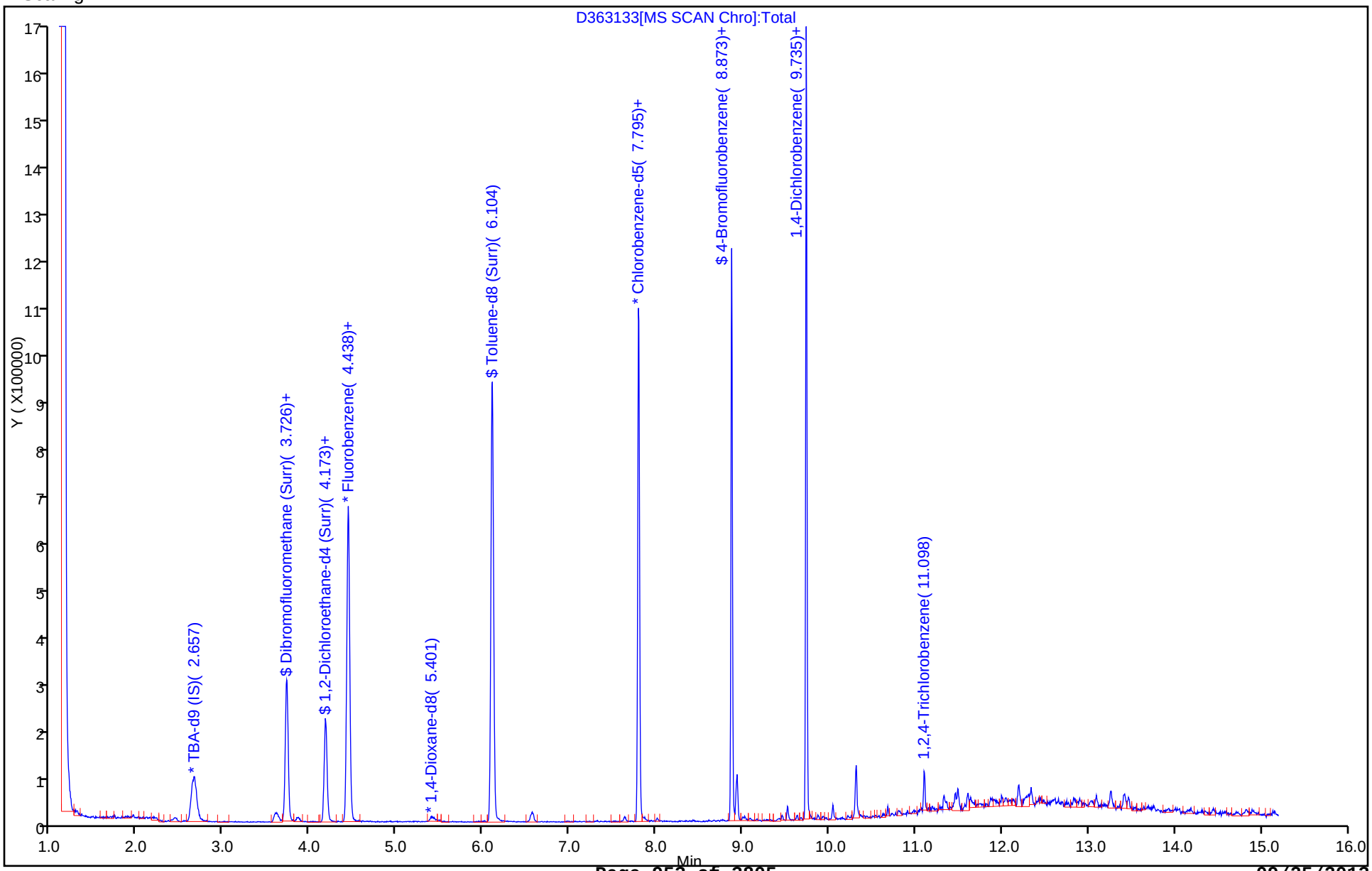
Report Date: 20-Sep-2013 07:09:14 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363133.D

Injection Date:	19-Sep-2013 11:53:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



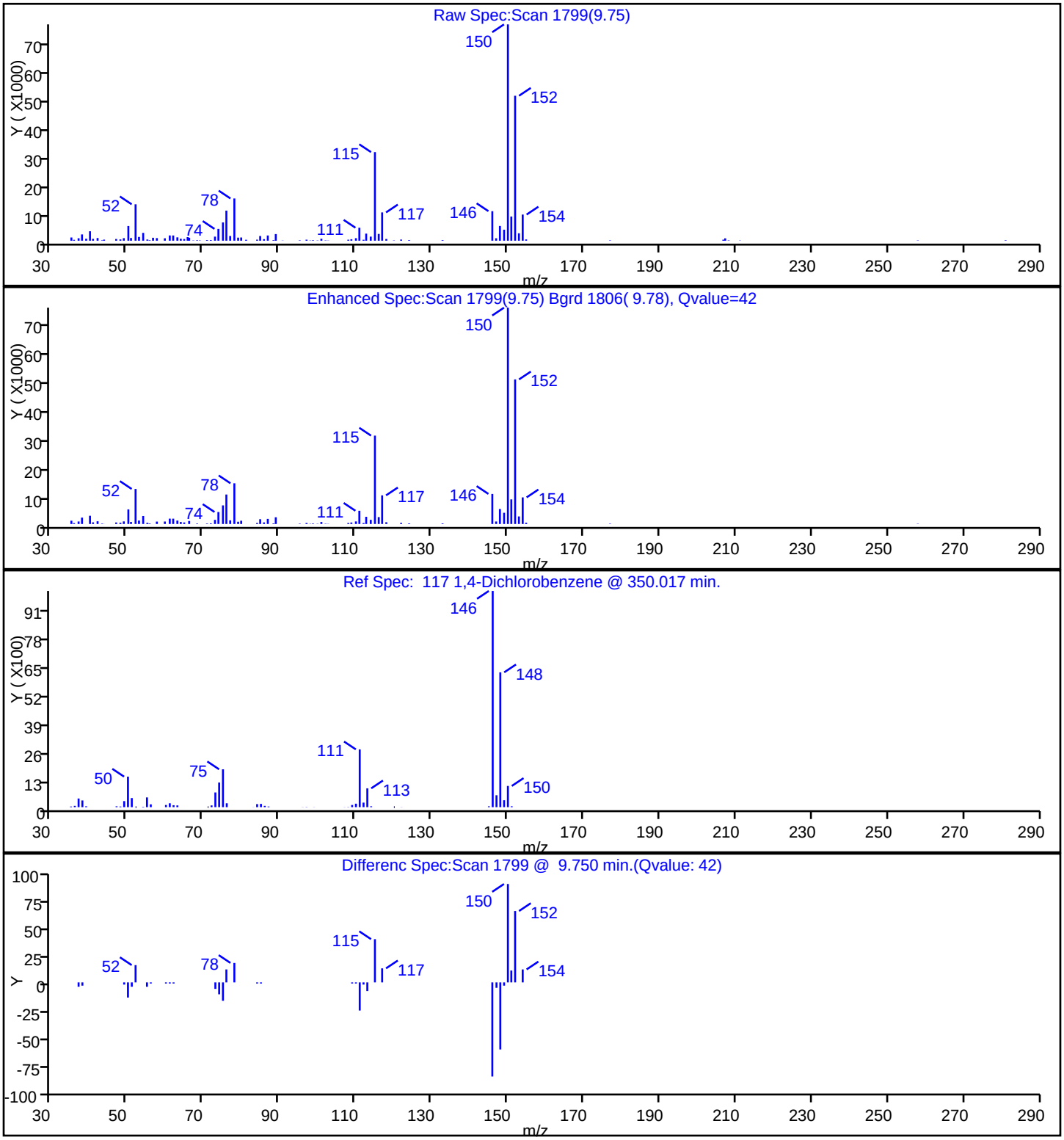
Report Date: 20-Sep-2013 07:09:14 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363133.D

Injection Date:	19-Sep-2013 11:53:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



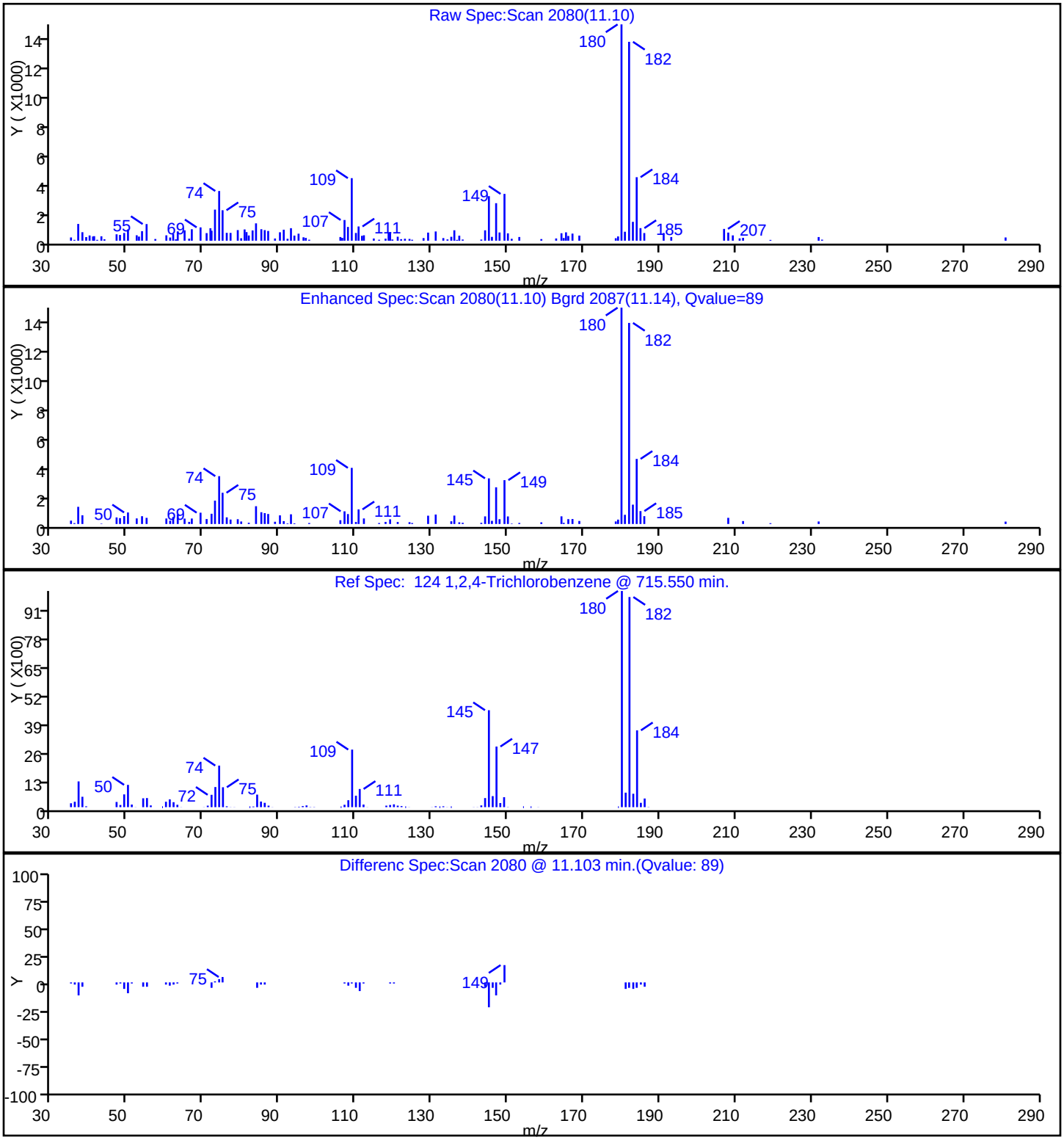
Report Date: 20-Sep-2013 07:09:14 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363133.D

Injection Date:	19-Sep-2013 11:53:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



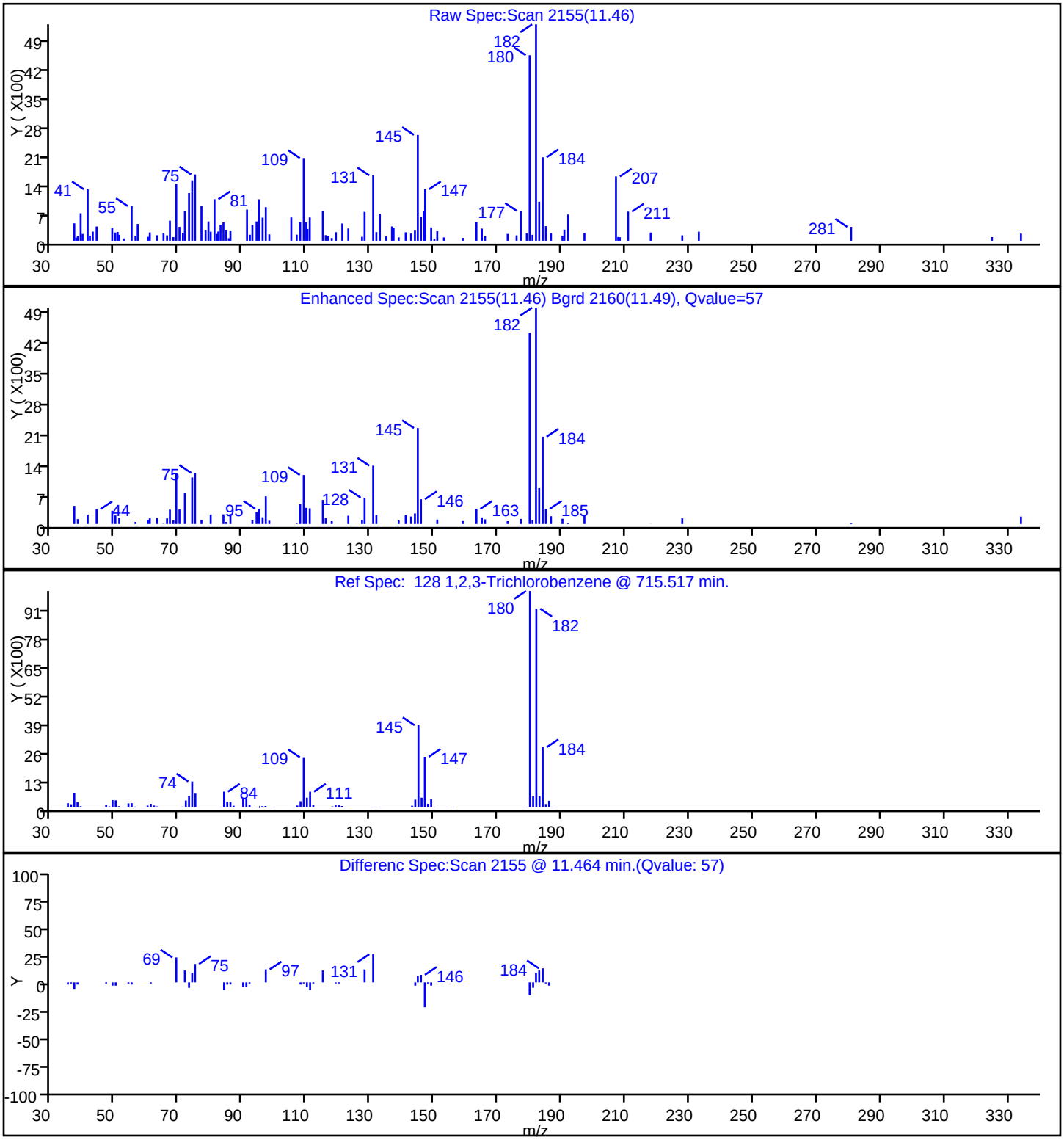
Report Date: 20-Sep-2013 07:09:14 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363133.D

Injection Date:	19-Sep-2013 11:53:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	21
Operator ID:		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-WT | Lab Sample ID: 460-62968-15

Matrix: Solid | Lab File ID: D363156.D

Analysis Method: 8260B | Date Collected: 09/12/2013 11:00

Sample wt/vol: 5.538(g) | Date Analyzed: 09/19/2013 21:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.9 | Level: (low/med) Low

Analysis Batch No.: 182221 | 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	0.72	J	1.0	0.16
67-64-1	Acetone	120		5.2	1.8
75-15-0	Carbon disulfide	1.2		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	0.12	U	1.0	0.12
67-66-3	Chloroform	3.8		1.0	0.25
78-93-3	2-Butanone	24	*	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	0.18	U	1.0	0.18
108-90-7	Chlorobenzene	0.19	U	1.0	0.19
110-82-7	Cyclohexane	1.3		1.0	0.14
98-82-8	Isopropylbenzene	1.1		1.0	0.12
591-78-6	2-Hexanone	0.14	U	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	0.72	J	1.0	0.13
108-88-3	Toluene	0.89	J	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.21	U	5.2	0.21
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.7		1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.75	J	1.0	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-WT | Lab Sample ID: 460-62968-15

Matrix: Solid | Lab File ID: D363156.D

Analysis Method: 8260B | Date Collected: 09/12/2013 11:00

Sample wt/vol: 5.538(g) | Date Analyzed: 09/19/2013 21:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.9 | Level: (low/med) Low

Analysis Batch No.: 182221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	4.7		1.0	0.12
120-82-1	1,2,4-Trichlorobenzene	120		1.0	0.20
87-61-6	1,2,3-Trichlorobenzene	47		1.0	0.17
78-87-5	1,2-Dichloropropane	0.16	U	1.0	0.16
108-87-2	Methylcyclohexane	8.4		1.0	0.10
127-18-4	Tetrachloroethene	11		1.0	0.13
1330-20-7	Xylenes, Total	3.7		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)	82		70-130
2037-26-5	Toluene-d8 (Surr)	127		70-130
460-00-4	Bromofluorobenzene	75		70-130
1868-53-7	Dibromofluoromethane (Surr)	90		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-WT Lab Sample ID: 460-62968-15

Matrix: Solid Lab File ID: D363156.D

Analysis Method: 8260B Date Collected: 09/12/2013 11:00

Sample wt/vol: 5.538(g) Date Analyzed: 09/19/2013 21:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.9 Level: (low/med) Low

Analysis Batch No.: 182221 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 714

CAS NO.	COMPOUND NAME	RT	RESULT	Q
3728-56-1	1-Ethyl-4-methylcyclohexane	8.09	71	J N
3788-32-7	Cyclopentane, (2-methylpropyl)-	8.38	48	J N
14676-29-0	Heptane, 3-ethyl-2-methyl-	8.45	57	J N
62960-76-3	4-Octene, 2,6-dimethyl-, [S-(E)]-	8.78	120	J N
493-02-7	Naphthalene, decahydro-, trans-	9.79	130	J N
61142-70-9	Cyclohexane, 2,4-diethyl-1-methyl-	9.96	57	J N
15932-80-6	Cyclohexanone, 5-methyl-2-(1-methylethyl	10.27	50	J N
2958-75-0	1-Methyldecahydronaphthalene	10.41	57	J N
112-40-3	Dodecane	10.69	59	J N
17301-23-4	Undecane, 2,6-dimethyl-	10.81	65	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D
Lims ID: 460-62968-C-15-A
Client ID: PMP-17SE-WT
Inject. Date: 19-Sep-2013 21:10:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-62968-C-15-A
Misc. Info.: 460-0004820-021
Operator:
Instrument ID: CVOAMS4
Purge Vol: 5.000 mL
ALS Bottle#: 20
Lims Batch ID: 182221
Lims Sample ID: 21
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\8260S_4.m
Last Update: 20-Sep-2013 07:57:32
Calib Date: 05-Sep-2013 06:32:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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 07:57:31

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
21 Carbon disulfide	76	2.021	2.016	0.005	98	19939	1.13	M
25 Methylene Chloride	84	2.387	2.387	0.0	25	3636	0.6855	
19 Acetone	43	2.435	2.435	0.0	82	97912	113.0	
* 151 TBA-d9 (IS)	65	2.661	2.647	0.014	62	230766	1000.0	
49 Cyclohexane	56	3.509	3.504	0.005	15	10377	1.22	
47 Chloroform	83	3.581	3.576	0.005	83	40431	3.66	
$ 152 Dibromofluoromethane (Surr)	113	3.730	3.721	0.009	95	192341	44.8	
43 2-Butanone (MEK)	72	3.851	3.841	0.010	72	7592	22.7	M
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.173	4.173	0.0	97	187504	41.1	
* 59 Fluorobenzene	96	4.438	4.433	0.005	99	731318	50.0	
63 Methylcyclohexane	83	4.597	4.587	0.010	89	92703	8.04	
61 Trichloroethene	95	4.602	4.597	0.005	9	4354	0.6887	
* 150 1,4-Dioxane-d8	96	5.411	5.406	0.005	1	17132	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.109	6.104	0.005	96	795310	63.7	
77 Toluene	91	6.157	6.162	-0.005	29	16794	0.8482	
80 Tetrachloroethene	166	6.610	6.610	0.0	91	62306	10.6	
* 87 Chlorobenzene-d5	117	7.799	7.794	0.005	69	470609	50.0	
92 o-Xylene	106	8.387	8.382	0.005	42	29150	3.55	
98 Isopropylbenzene	105	8.666	8.661	0.005	11	27038	1.09	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	54	163593	37.3	
115 1,3-Dichlorobenzene	146	9.677	9.677	0.0	1	8603	0.7136	
* 116 1,4-Dichlorobenzene-d4	152	9.745	9.735	0.010	54	283496	50.0	
117 1,4-Dichlorobenzene	146	9.750	9.745	0.005	18	52353	4.50	
121 1,2-Dichlorobenzene	146	10.058	10.048	0.010	8	18195	1.63	
124 1,2,4-Trichlorobenzene	180	11.108	11.103	0.005	76	1117323	117.6	
128 1,2,3-Trichlorobenzene	180	11.464	11.459	0.005	35	368403	44.7	
S 131 Xylenes, Total	100				0		3.55	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D		
Lims ID:	460-62968-C-15-A	Client ID:	PMP-17SE-WT
Inject. Date:	19-Sep-2013 21:10:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-C-15-A		
Misc. Info.:	460-0004820-021		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	20
Lims Batch ID:	182221	Lims Sample ID:	21
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\8260S_4.m		
Last Update:	20-Sep-2013 07:57:32	Calib Date:	05-Sep-2013 06:32:30
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 07:57:31

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	3728-56-1	1-Ethyl-4-methylcyclohexane				
8.088	35794151	68.1	87	86	11214	
	3788-32-7	Cyclopentane, (2-methylpropyl)-				
8.382	23873900	45.4	87	76	11246	
	14676-29-0	Heptane, 3-ethyl-2-methyl-				
8.449	28440204	54.1	87	83	18480	
	62960-76-3	4-Octene, 2,6-dimethyl-, [S-(E)]-				
8.777	58783668	111.8	87	70	17372	
	493-02-7	Naphthalene, decahydro-, trans-				
9.788	67199954	127.8	87	97	16320	
	61142-70-9	Cyclohexane, 2,4-diethyl-1-methyl-				
9.957	73691803	54.8	116	86	25879	
	15932-80-6	Cyclohexanone, 5-methyl-2-(1-methylethyl				
10.270	64646136	48.1	116	81	24159	
	2958-75-0	1-Methyldecahydronaphthalene				
10.414	72914176	54.3	116	96	24317	
	112-40-3	Dodecane				
10.689	75883750	56.5	116	96	36159	
	17301-23-4	Undecane, 2,6-dimethyl-				
10.809	82823417	61.6	116	93	45584	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 87 Chlorobenzene-d5	7.790	26295430	50.0
* 116 1,4-Dichlorobenzene-d4	9.788	67199954	50.0

QC Flag Legend

Processing Flags

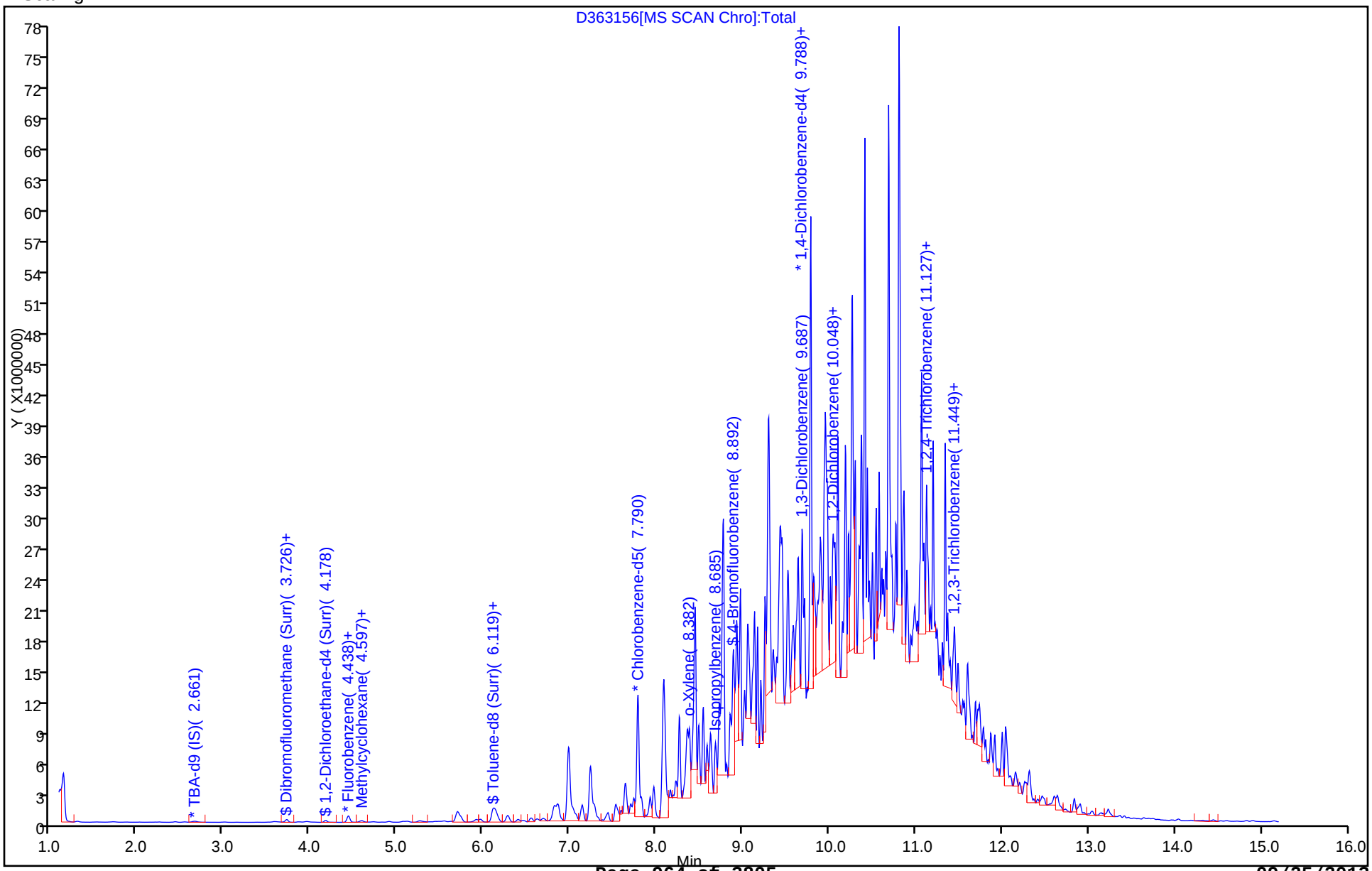
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



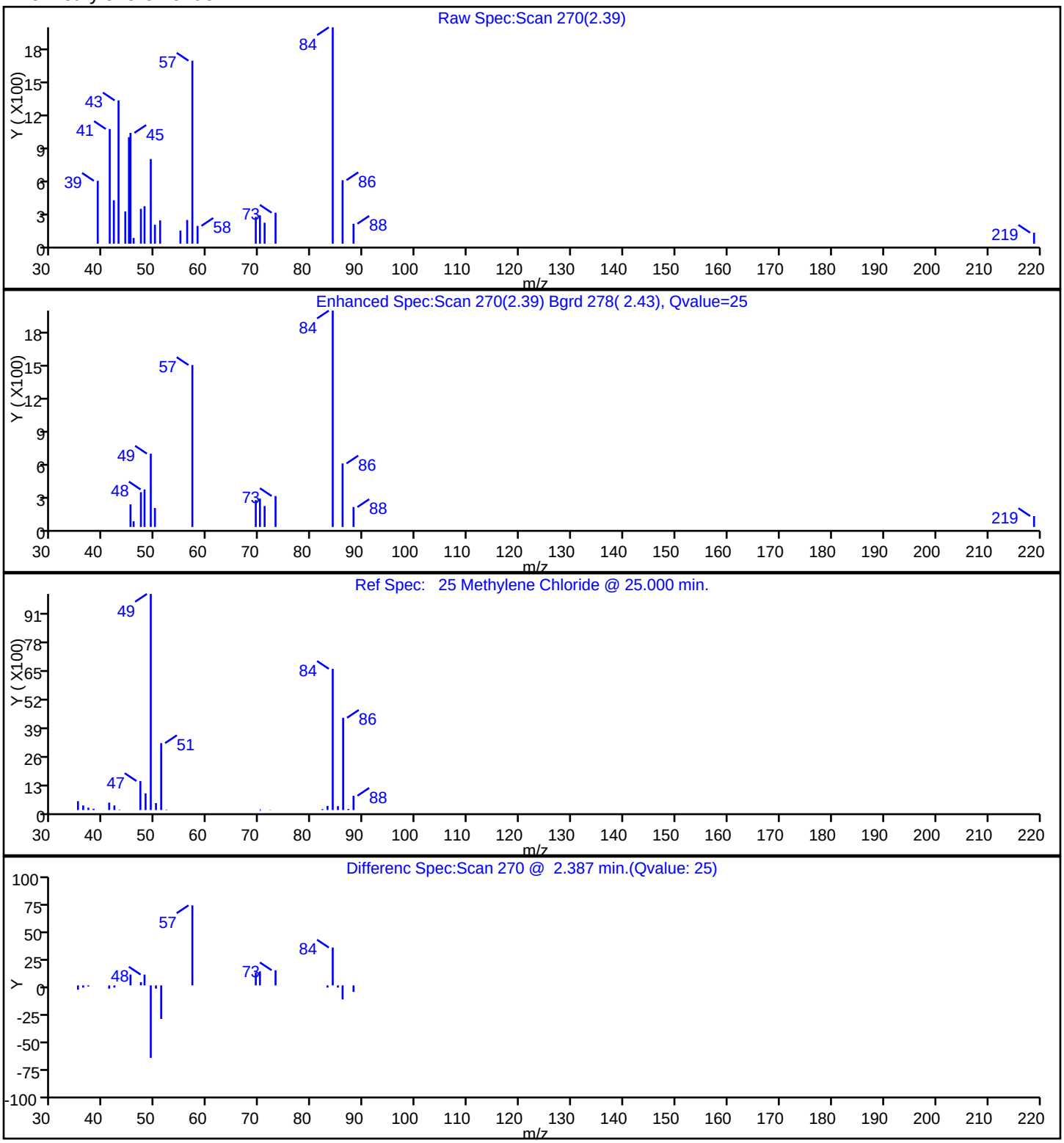
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

25 Methylene Chloride



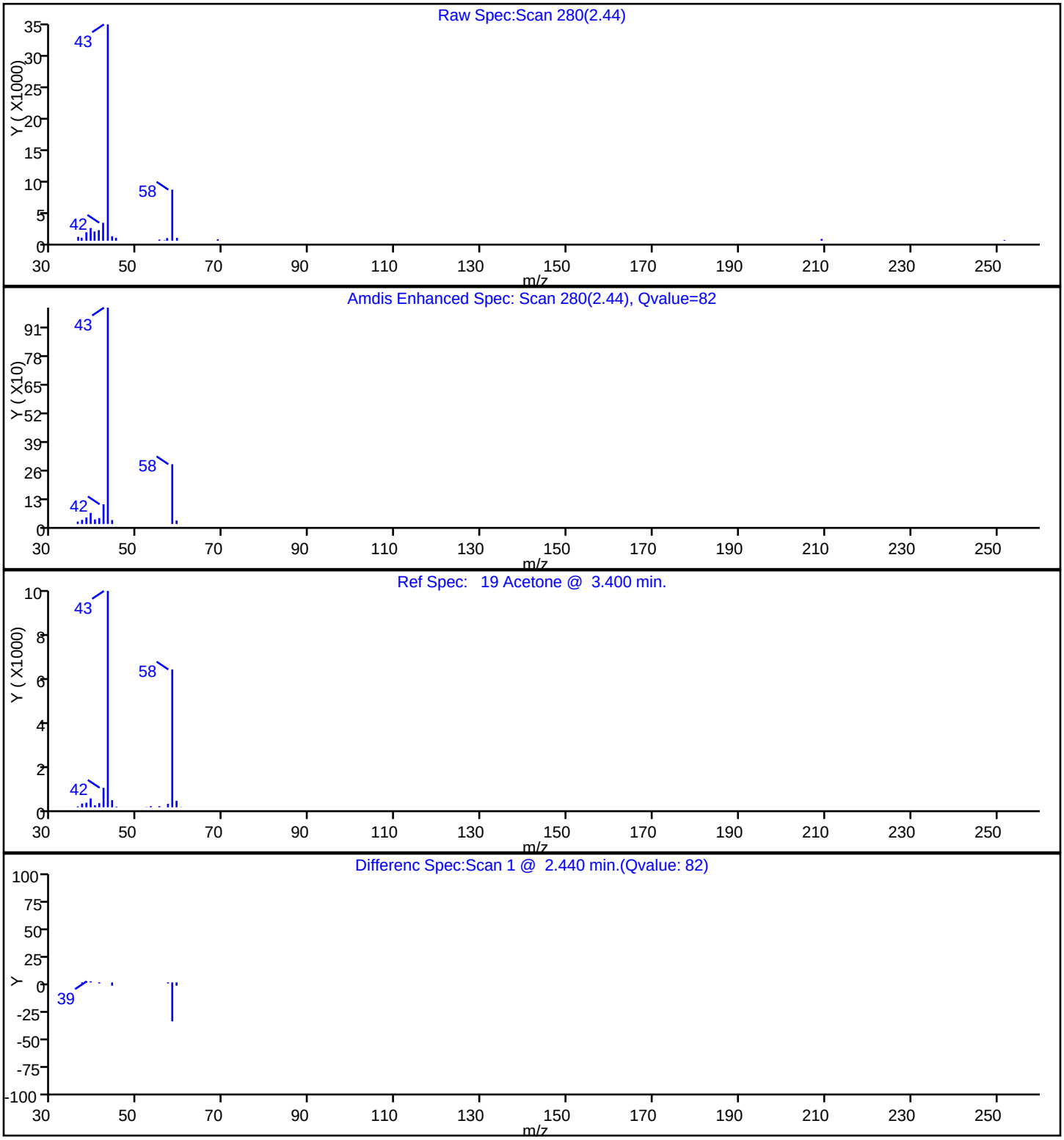
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



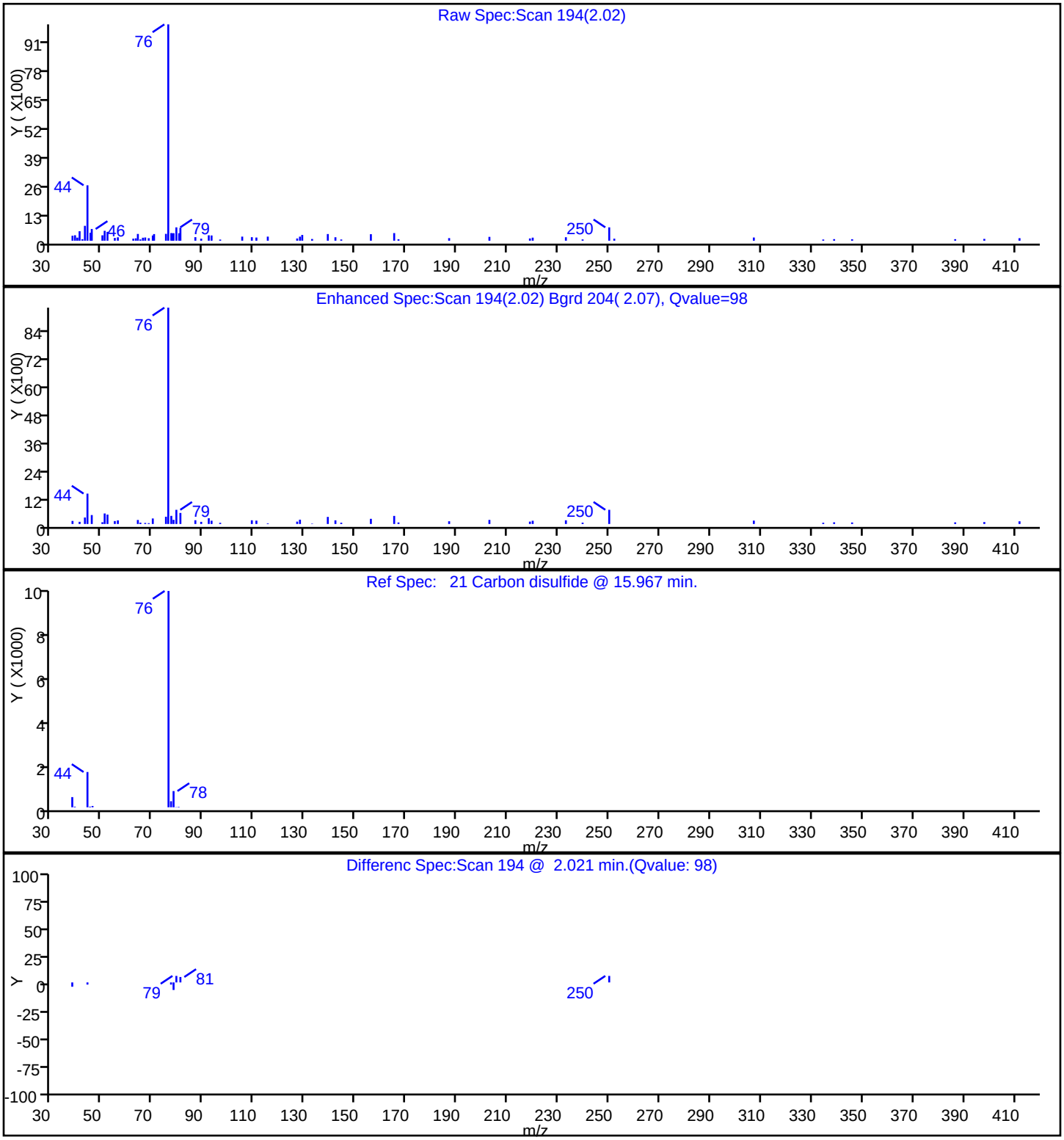
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

21 Carbon disulfide



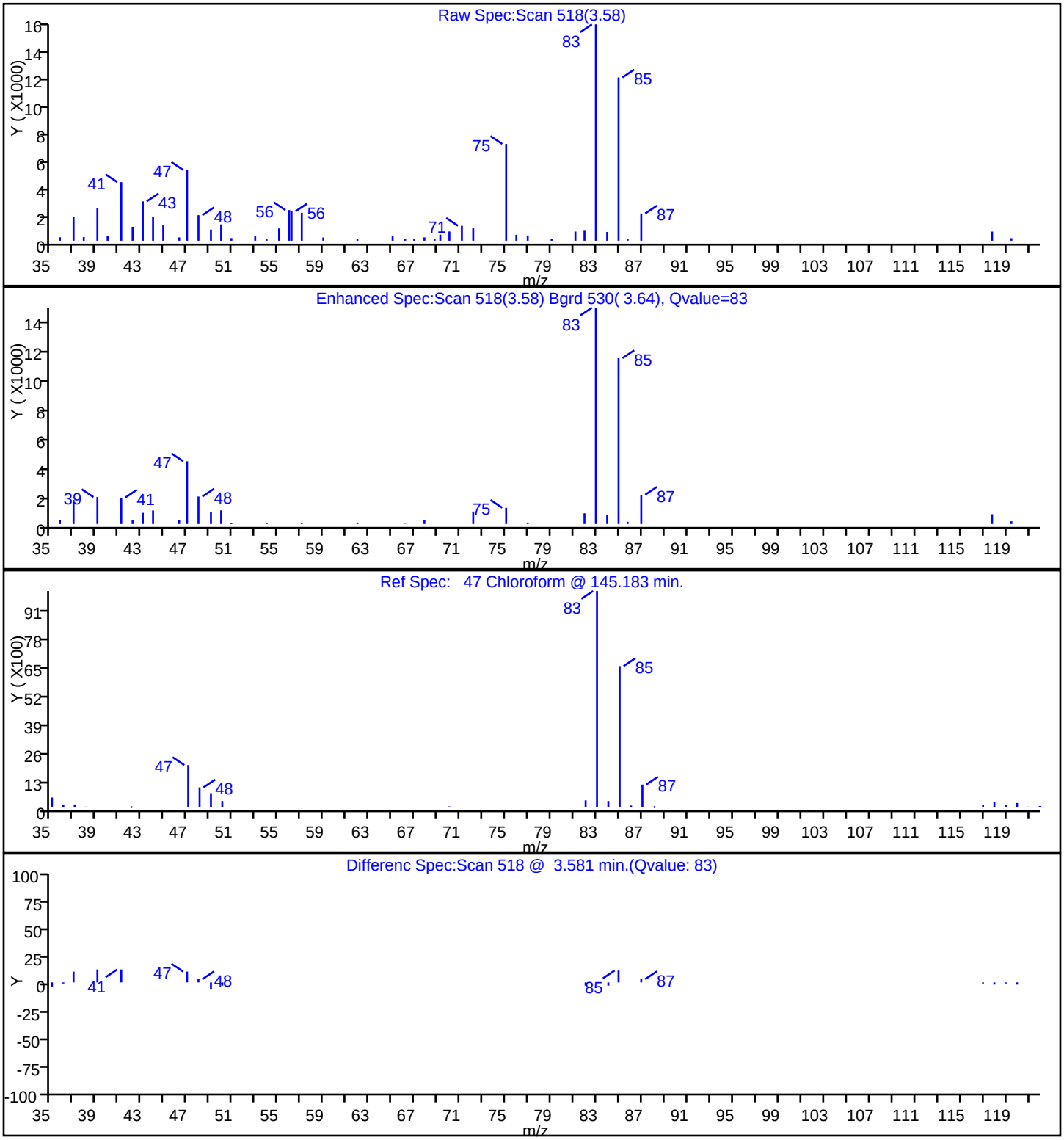
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



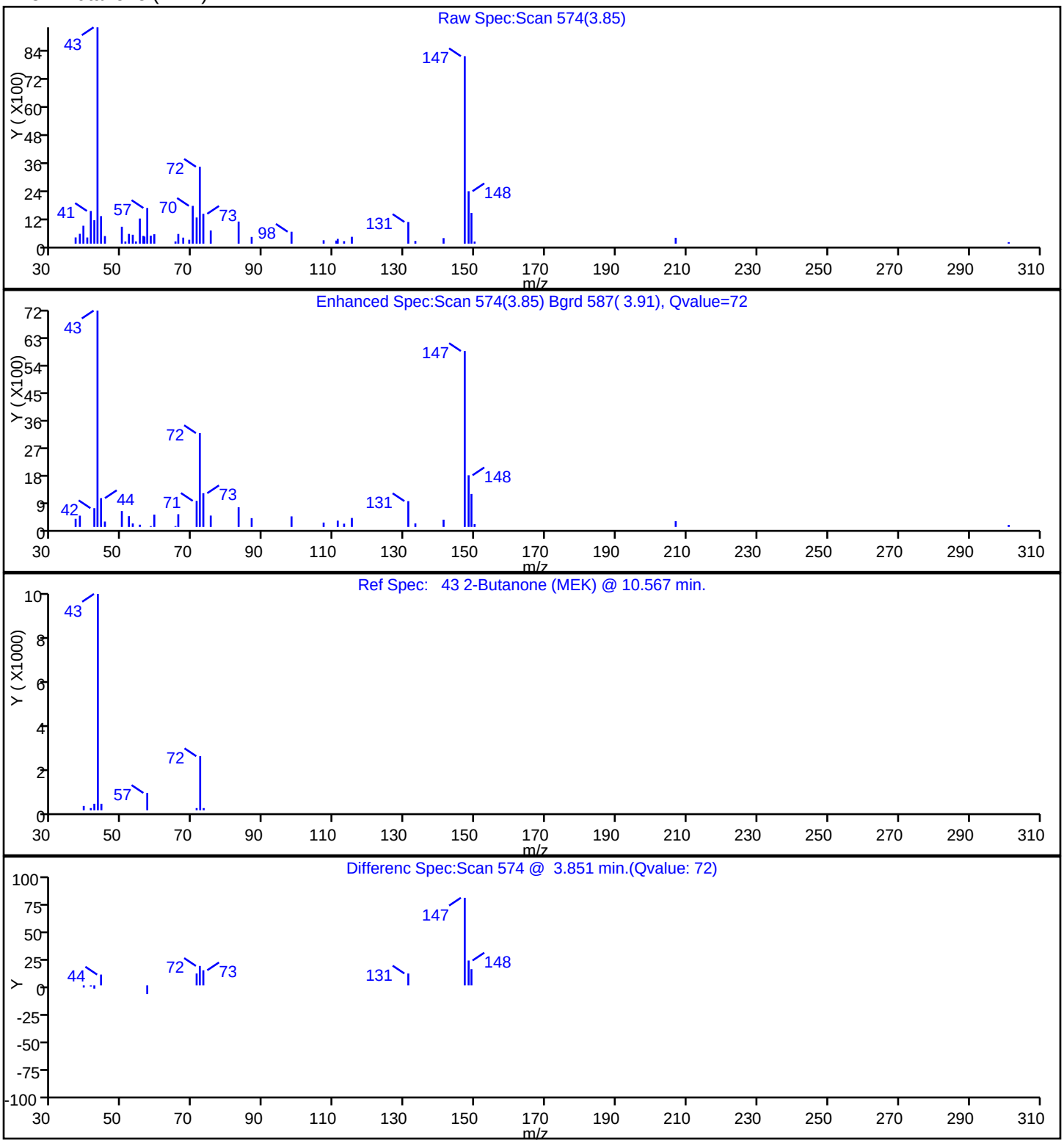
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

43 2-Butanone (MEK)



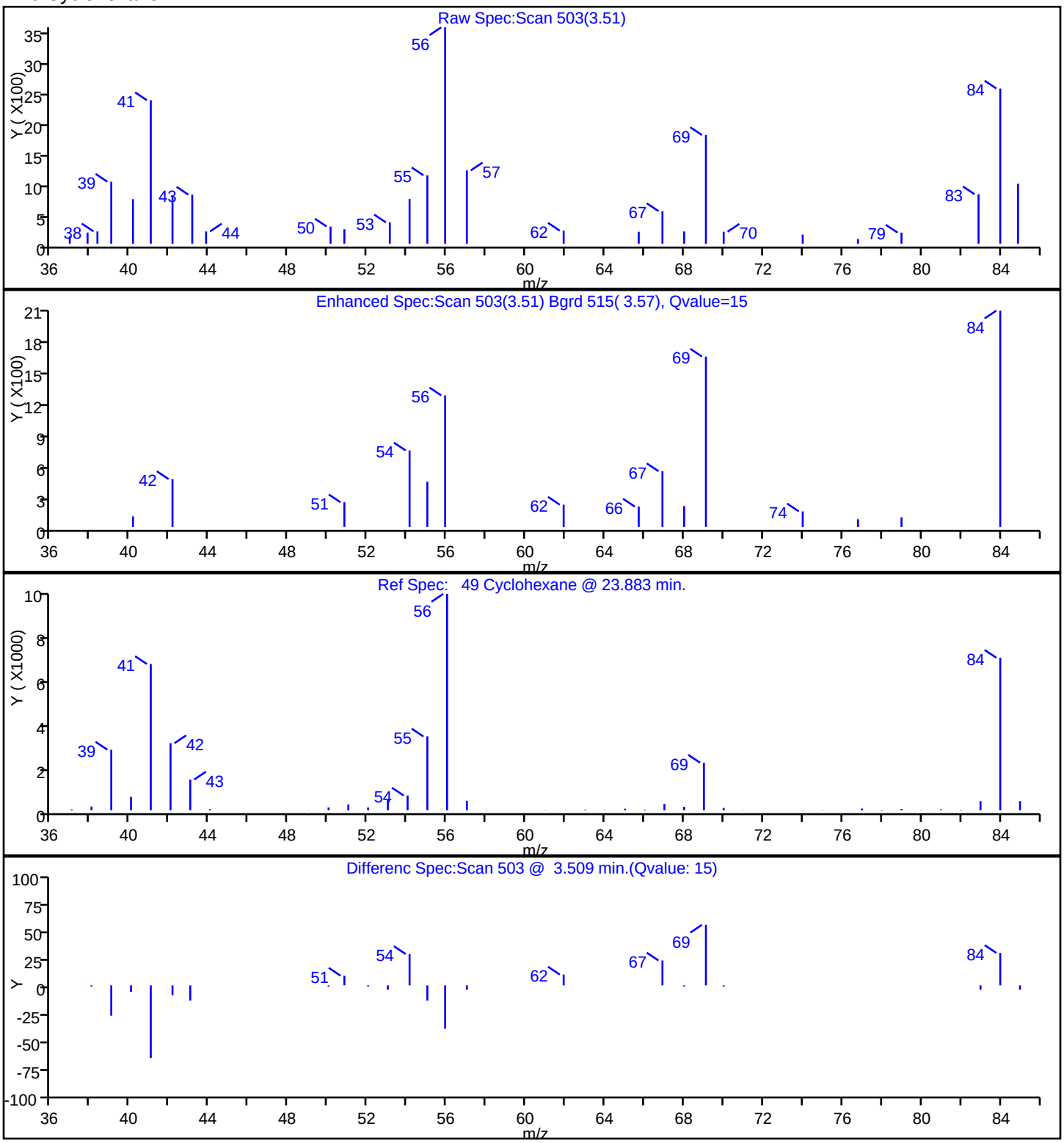
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

49 Cyclohexane



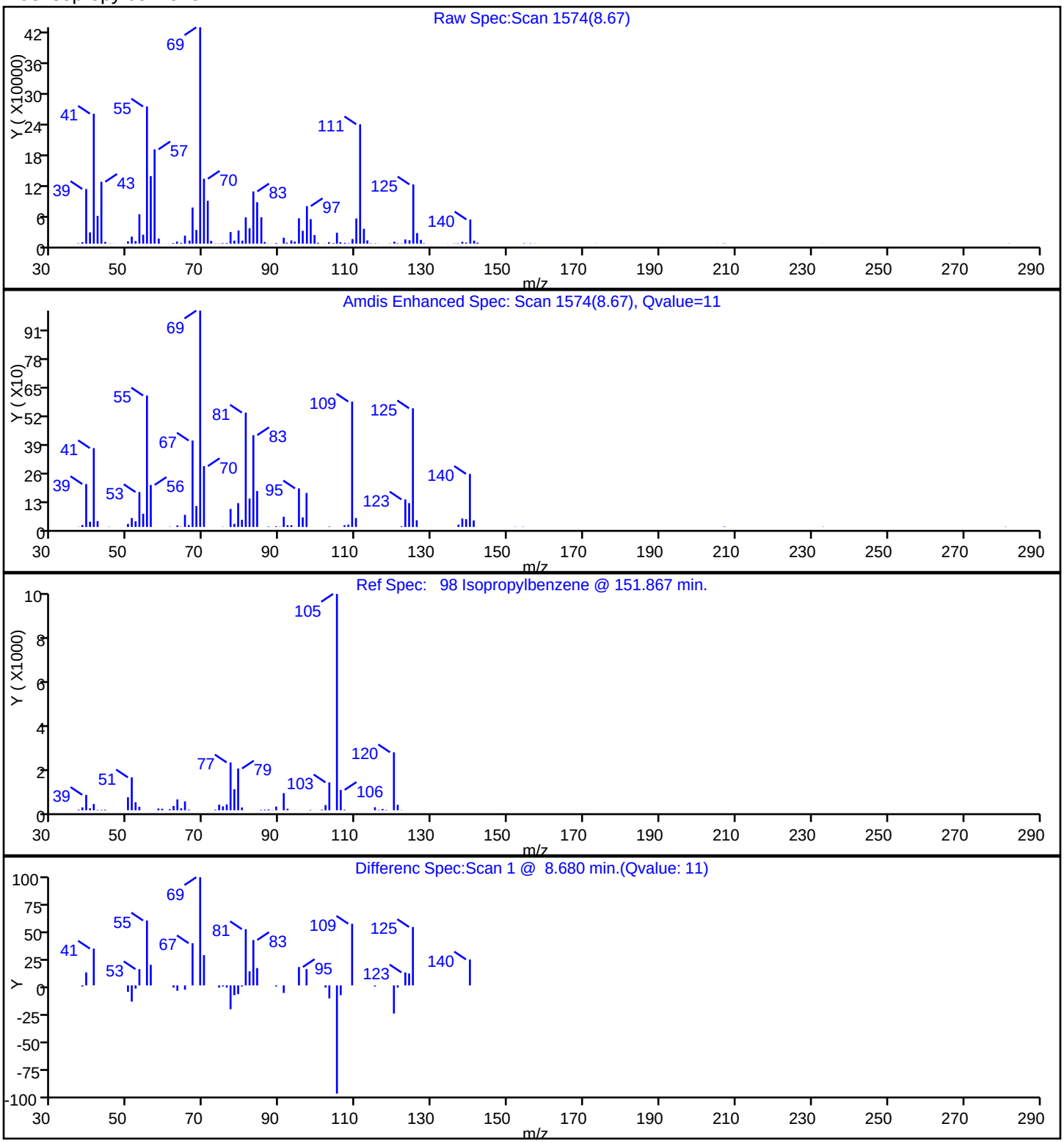
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

98 Isopropylbenzene



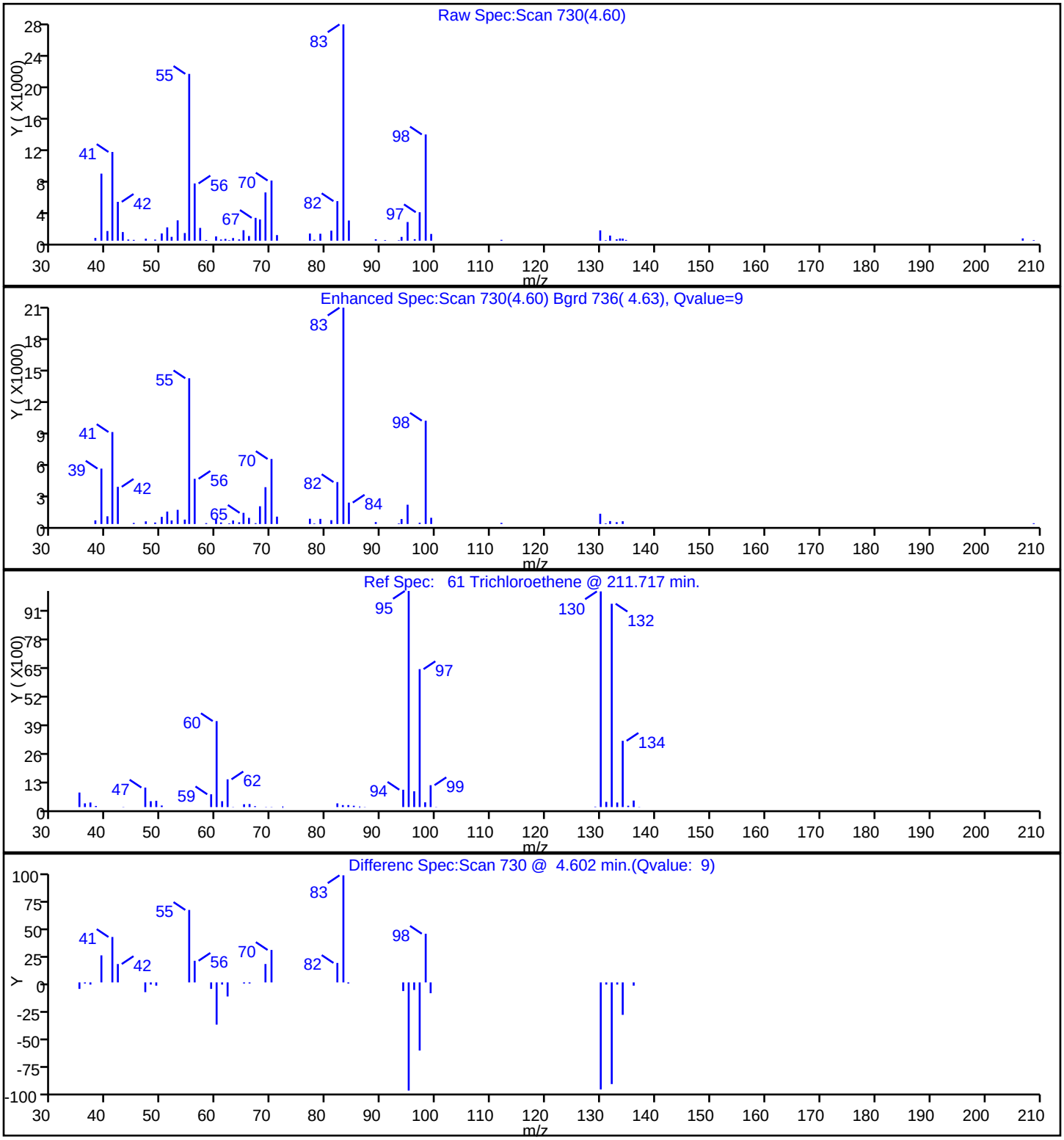
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

61 Trichloroethene



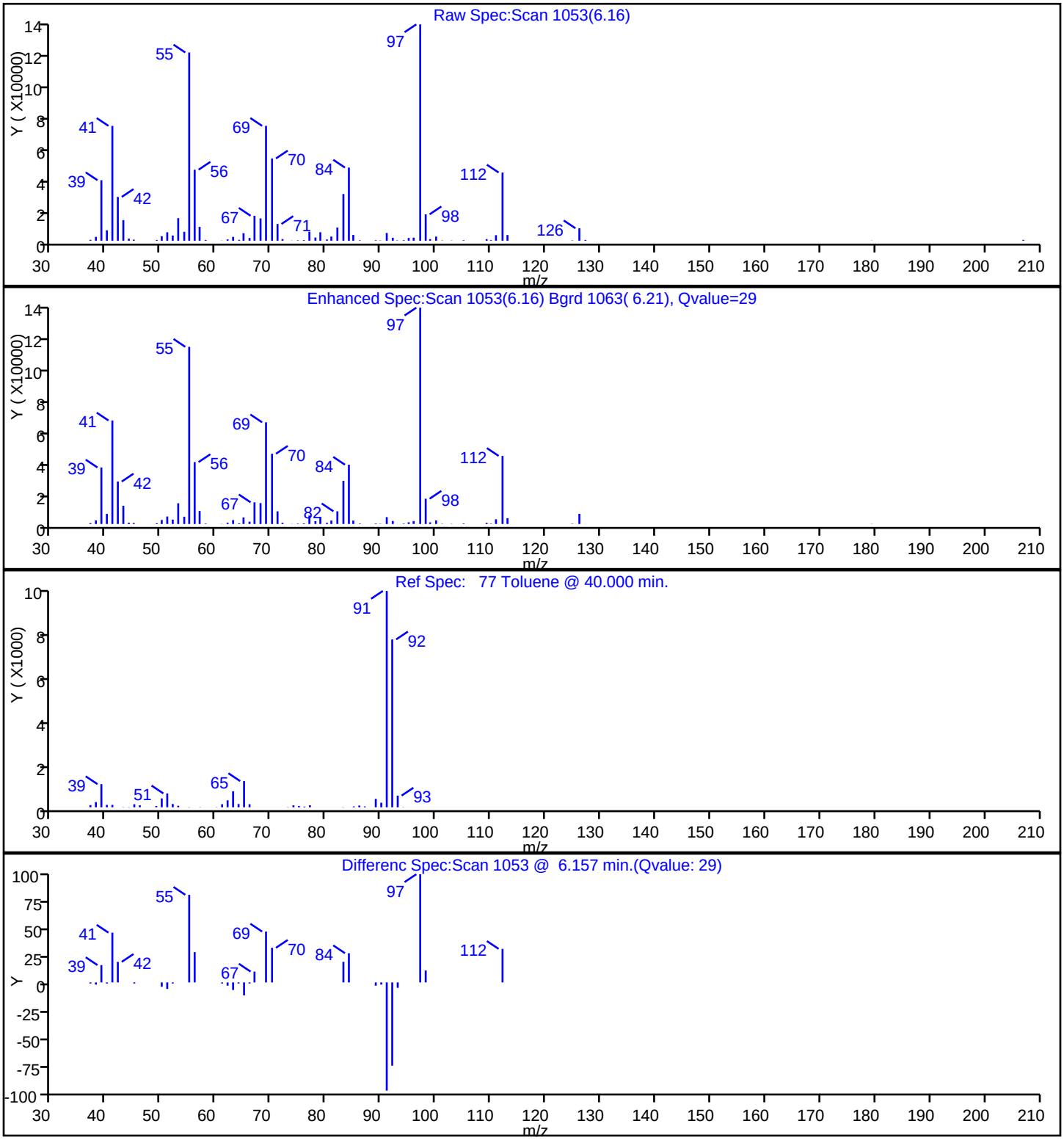
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

77 Toluene



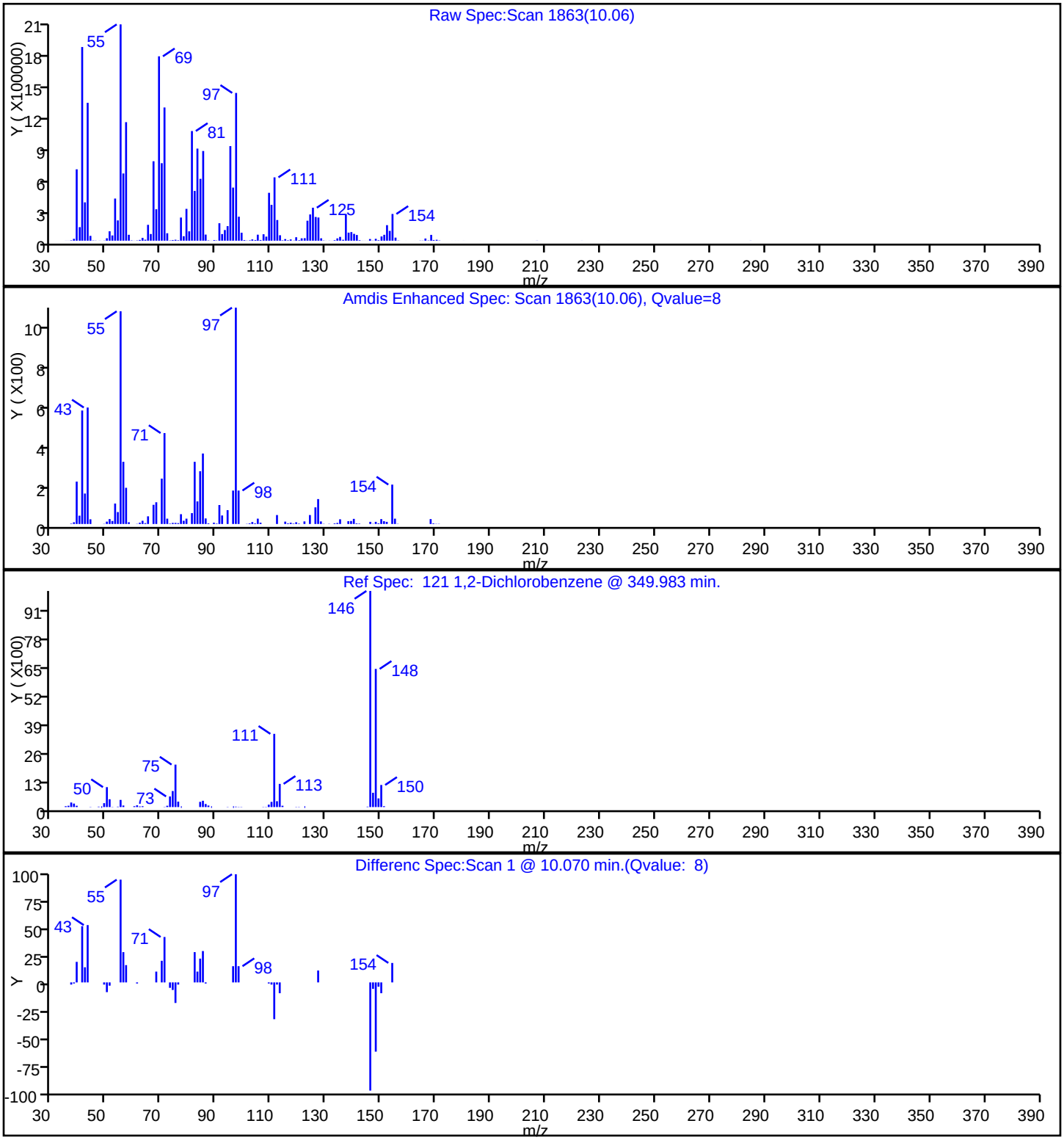
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

121 1,2-Dichlorobenzene



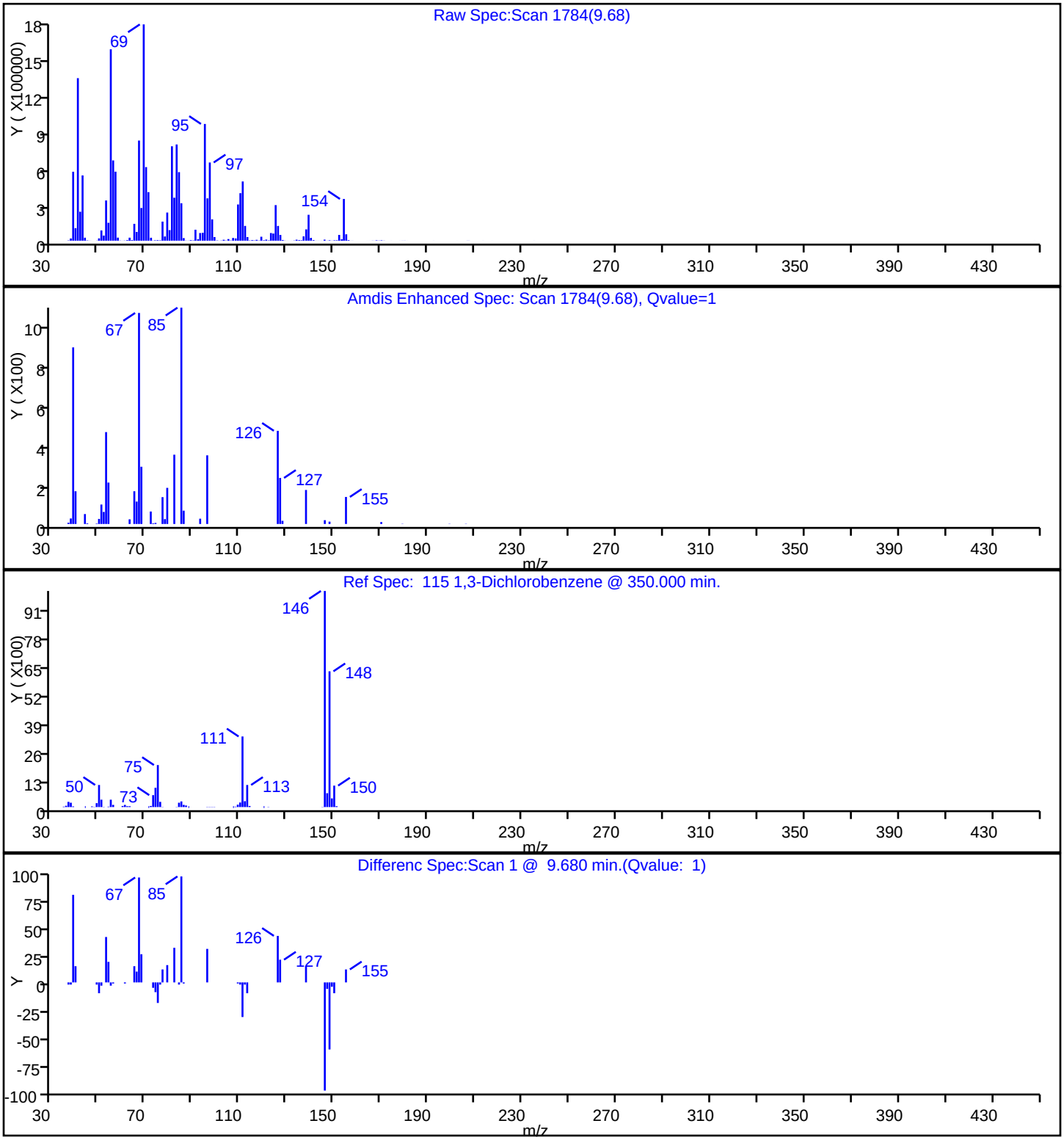
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

115 1,3-Dichlorobenzene



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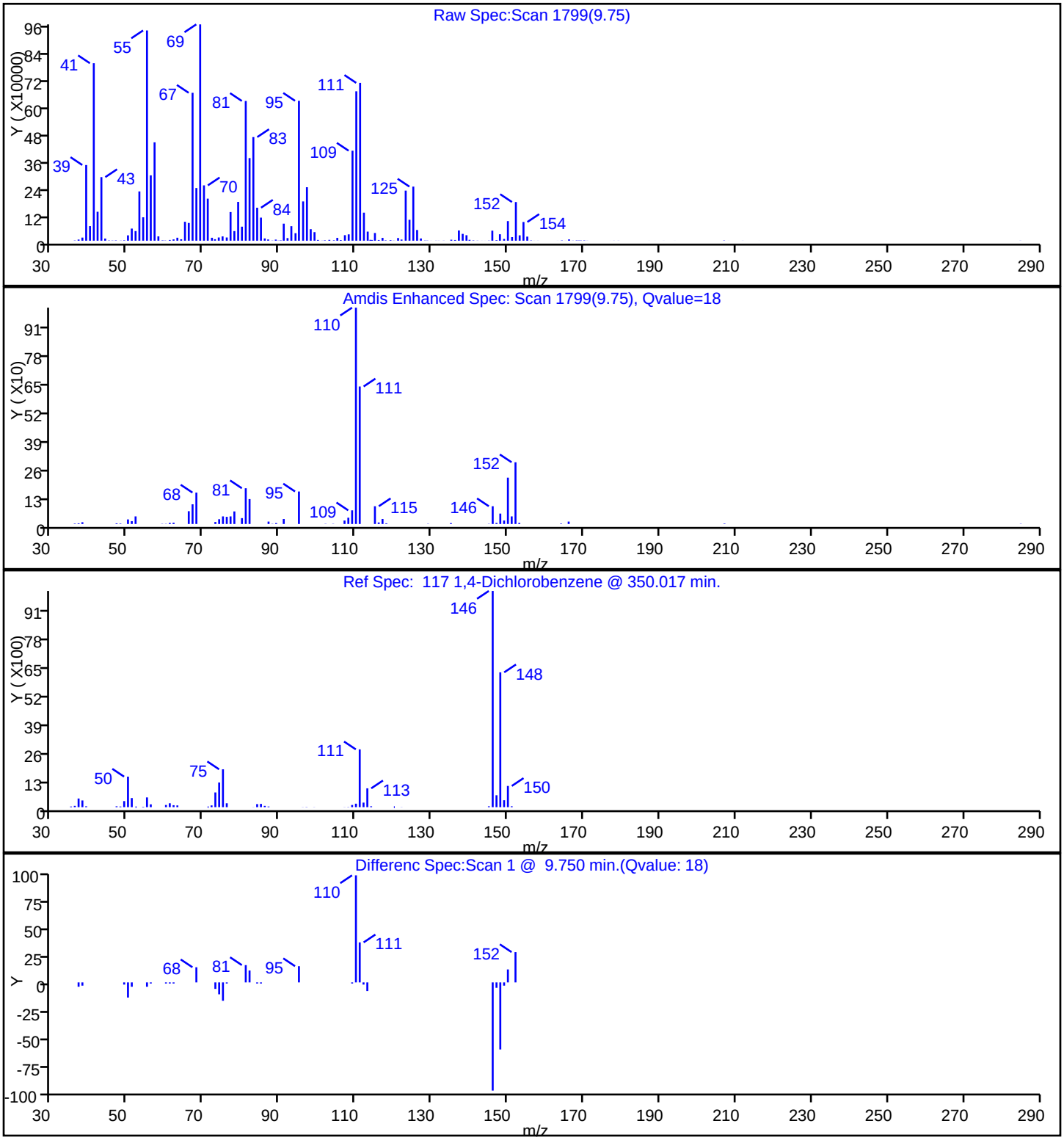
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



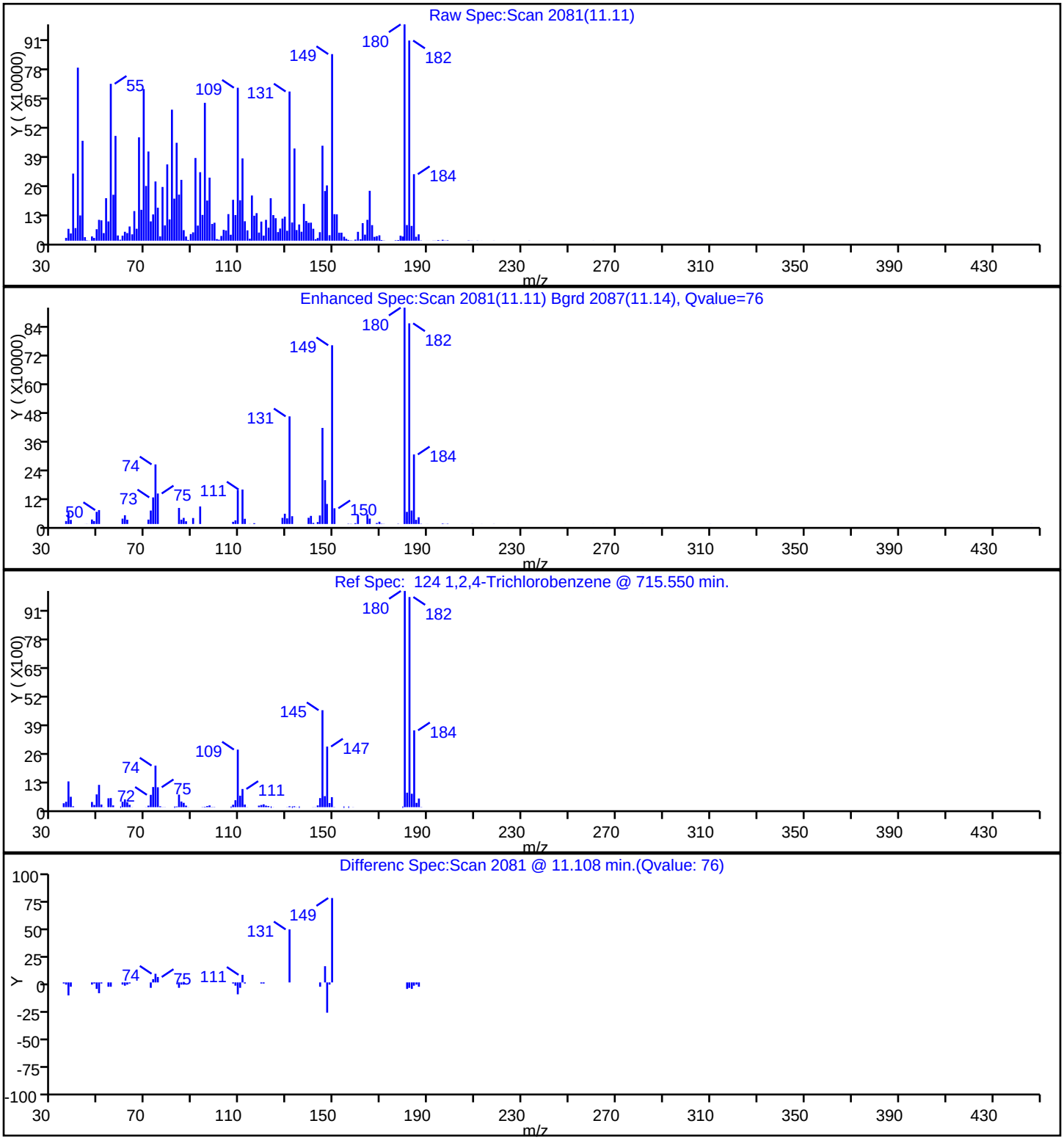
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



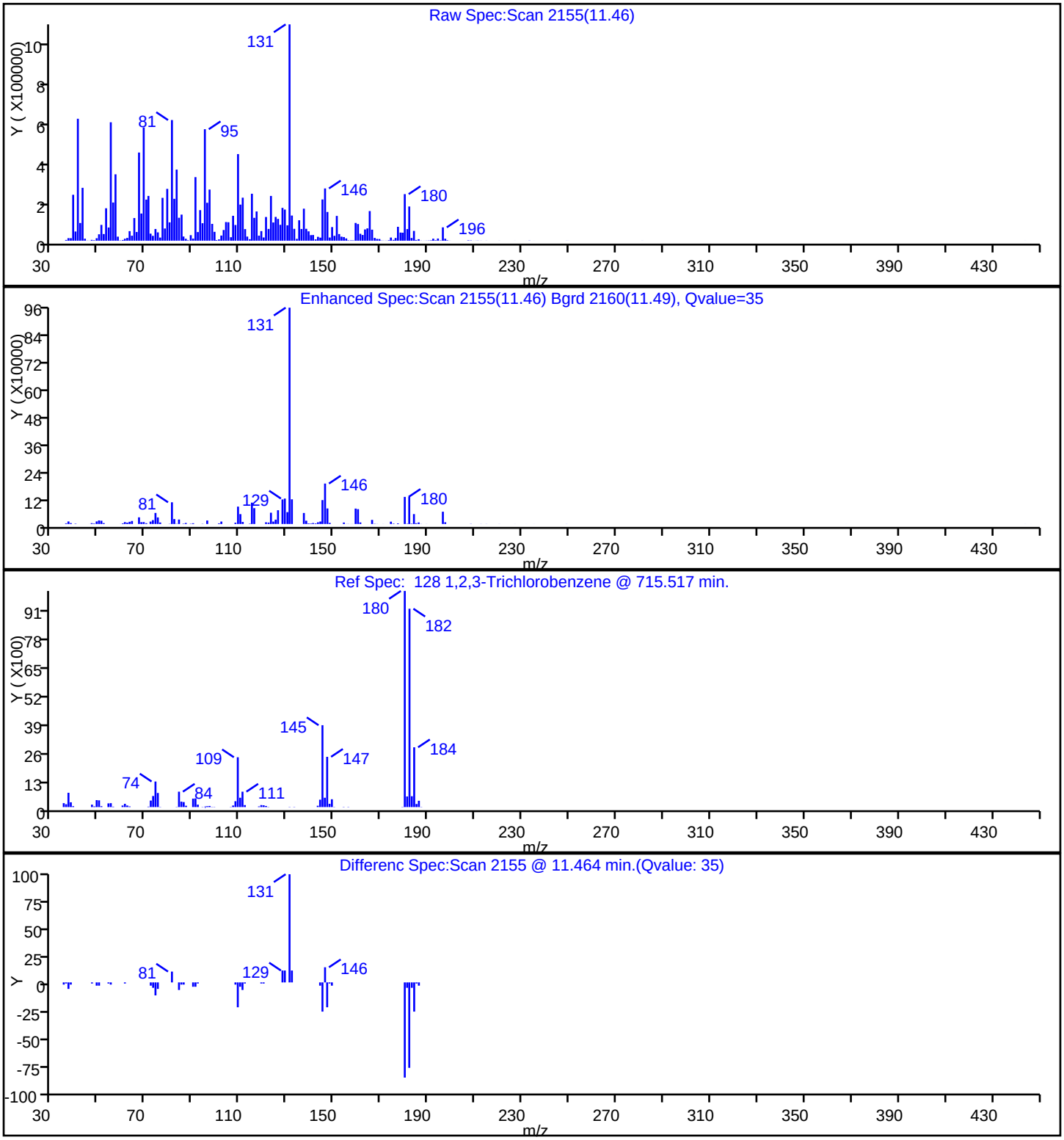
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

128 1,2,3-Trichlorobenzene



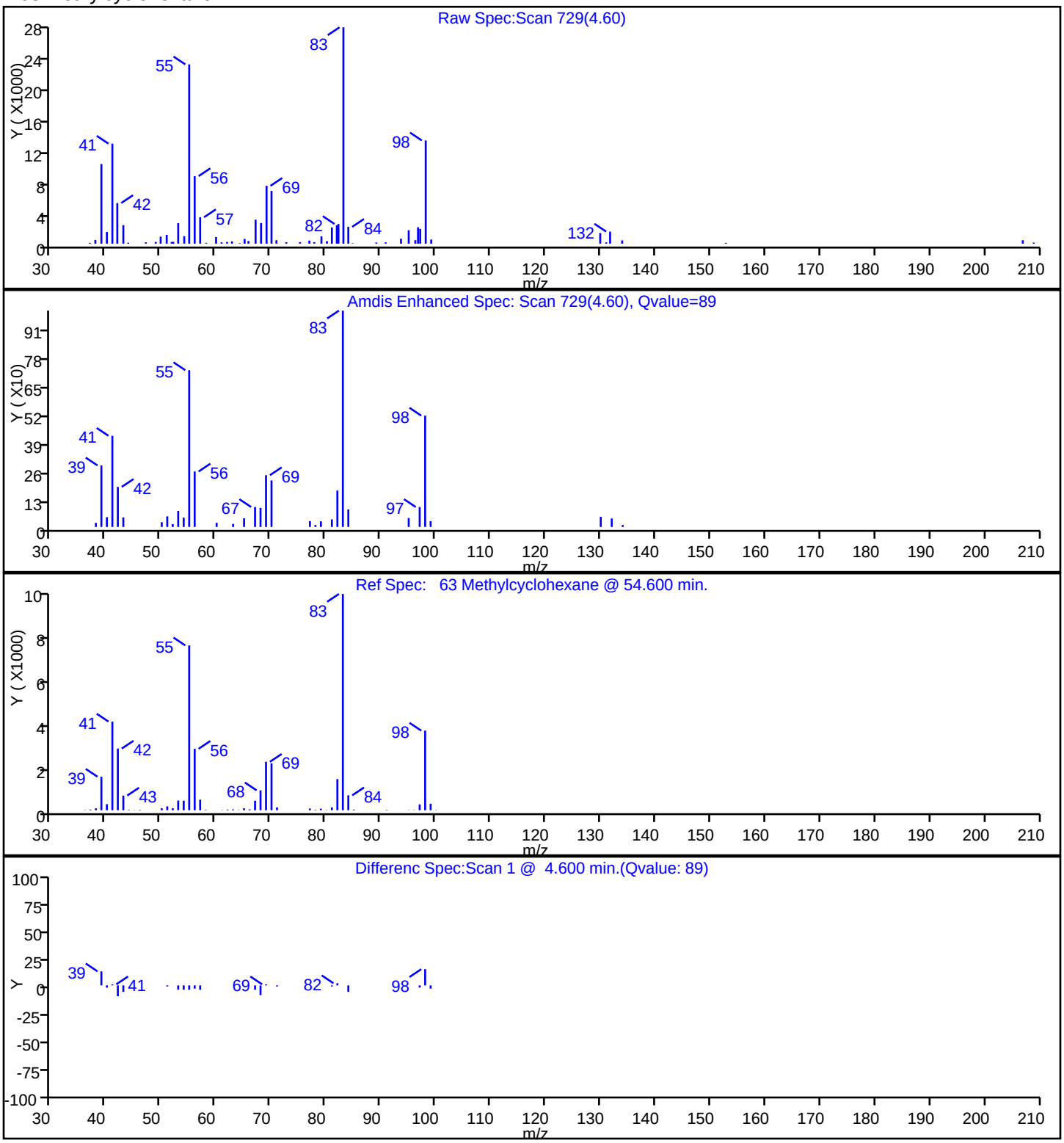
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

63 Methylcyclohexane



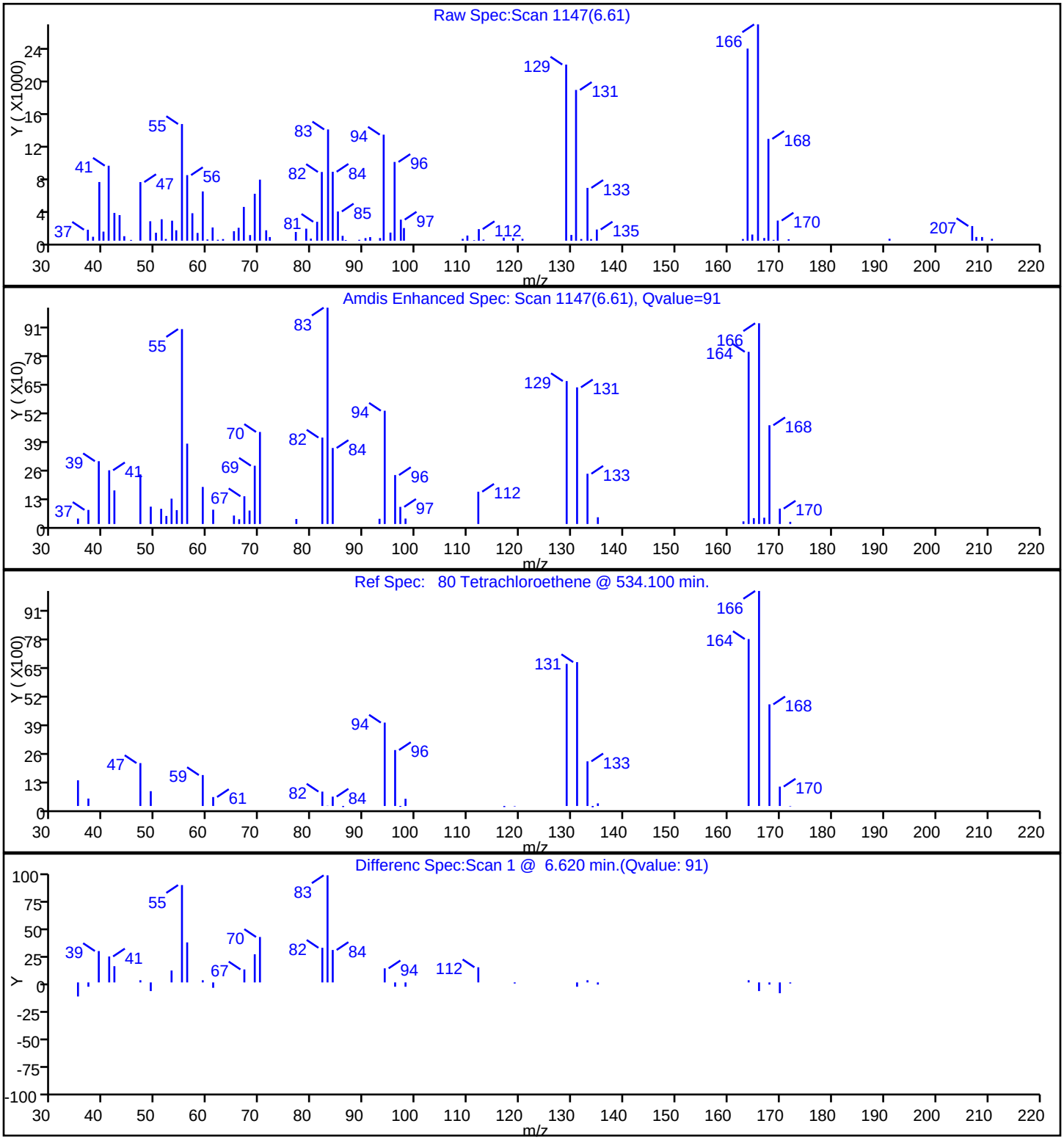
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene



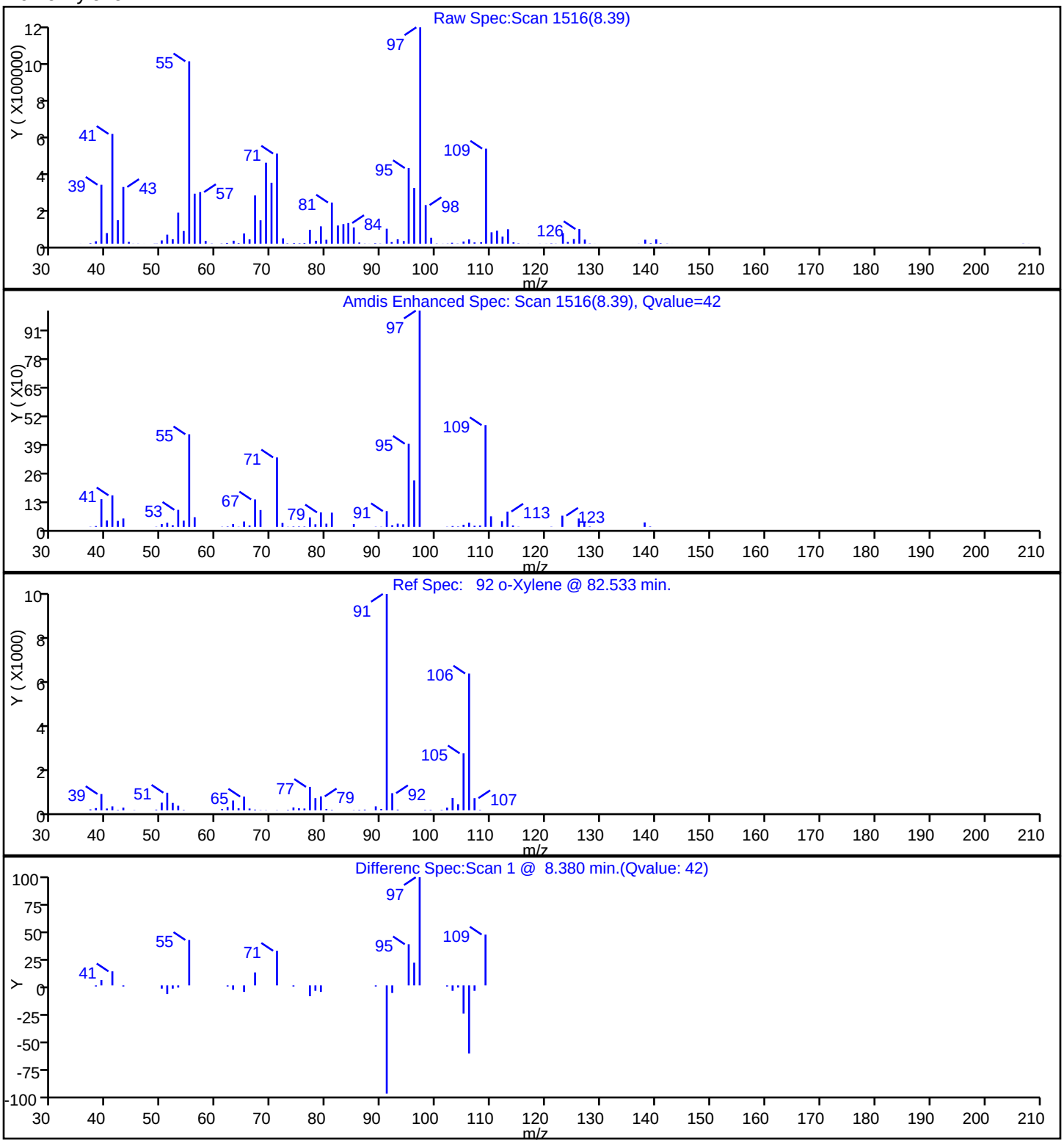
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
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

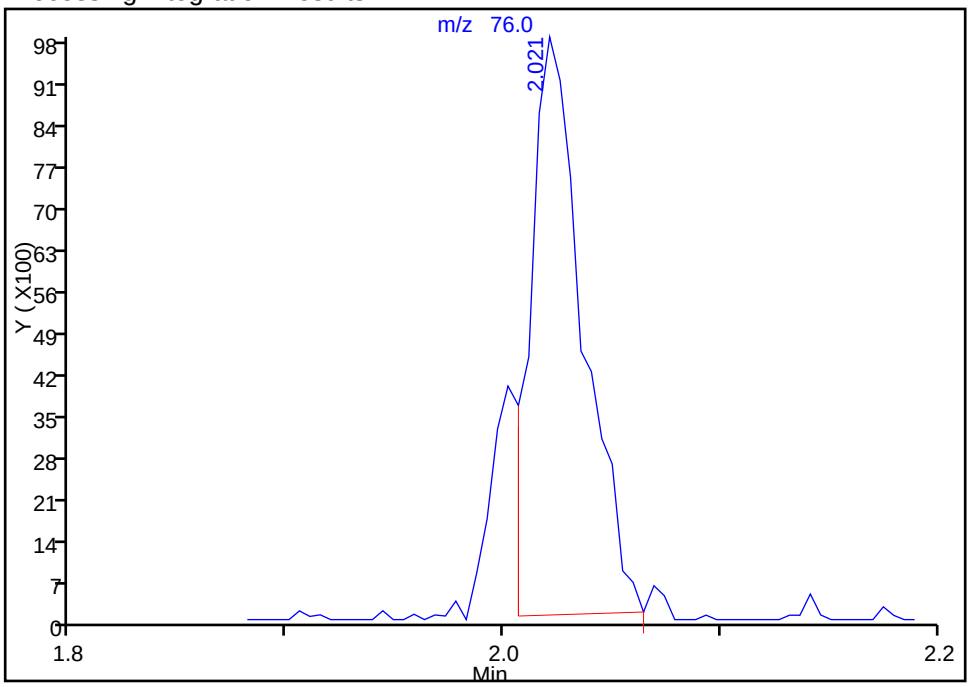
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D		
Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

21 Carbon disulfide, Signal: 1, m/z: 76.0 Type: quant, RT: 2.02

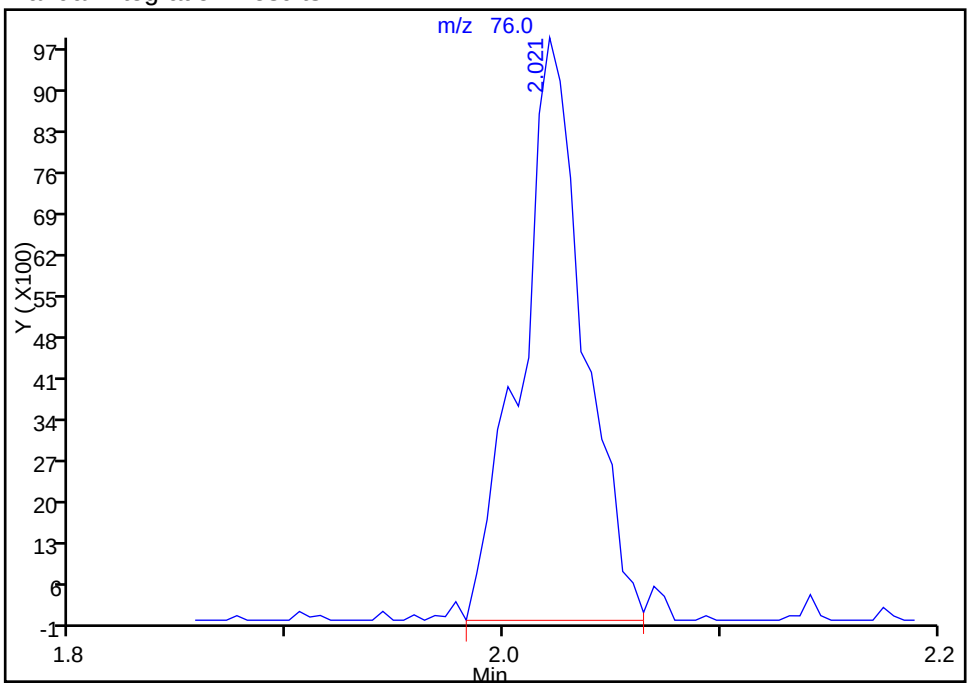
Processing Integration Results

RT: 2.02
Response: 16770
Amount: 0.954382



Manual Integration Results

RT: 2.02
Response: 19939
Amount: 1.134730



Reviewer: delpolitov, 20-Sep-2013 07:57:31
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

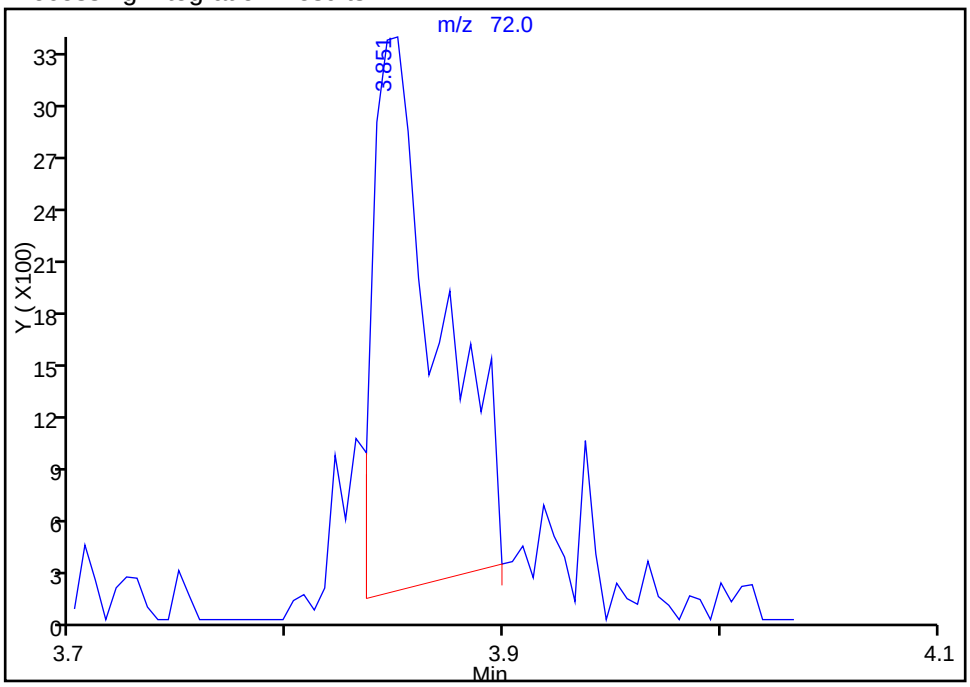
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D		
Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

43 2-Butanone (MEK), Signal: 1, m/z: 72.0 Type: quant, RT: 3.84

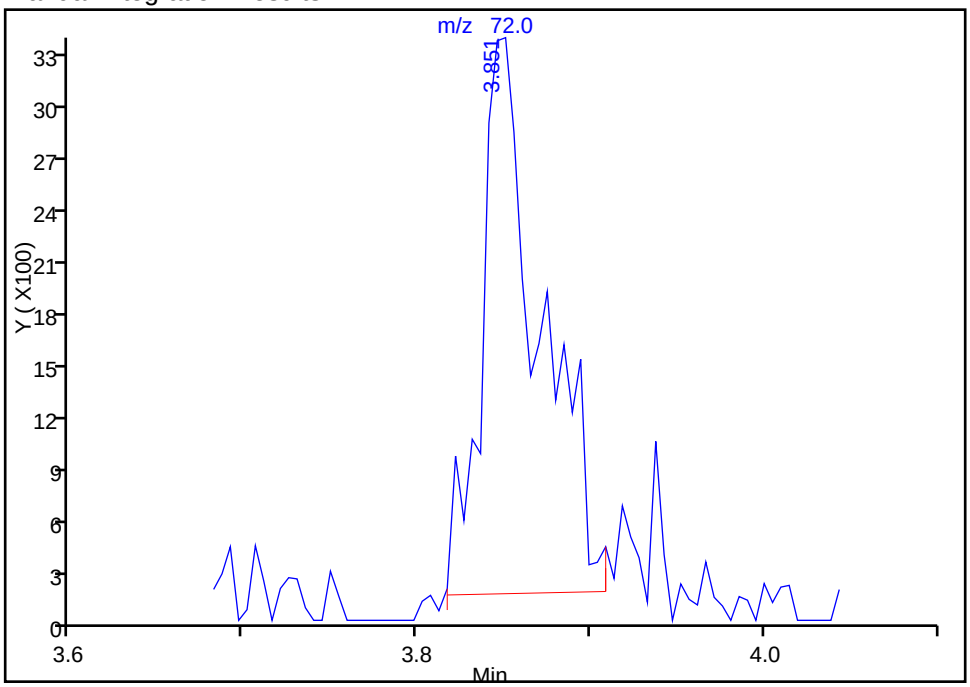
Processing Integration Results

RT: 3.85
Response: 6593
Amount: 19.737175



Manual Integration Results

RT: 3.85
Response: 7592
Amount: 22.727837



Reviewer: delpolitov, 20-Sep-2013 07:57:31
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

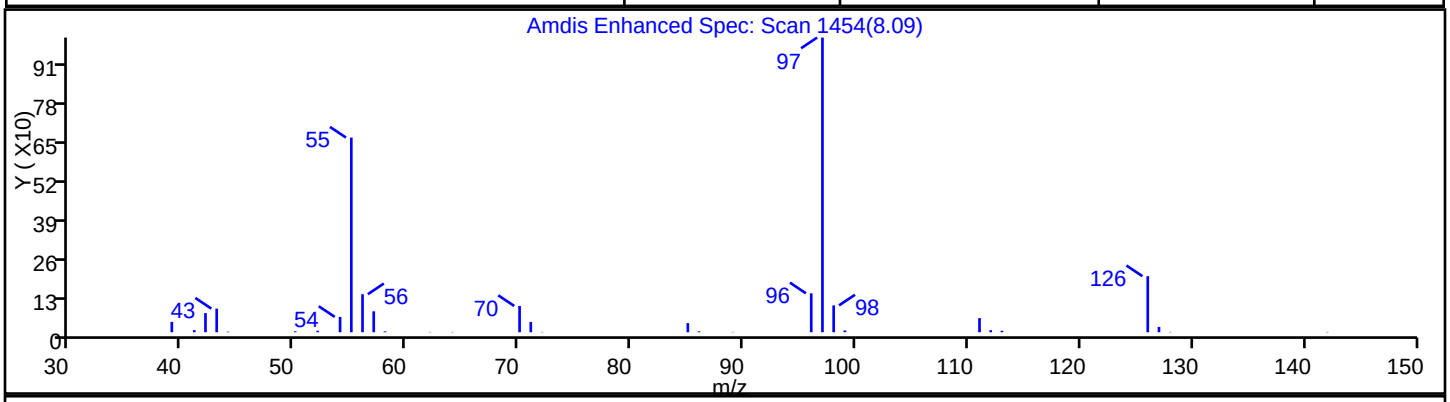
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

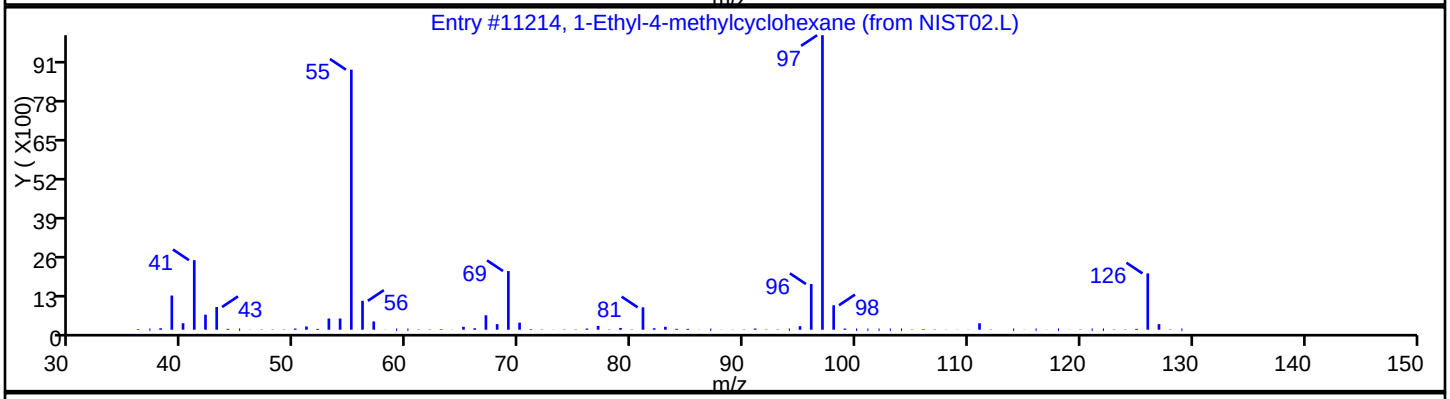
TestAmerica Edison

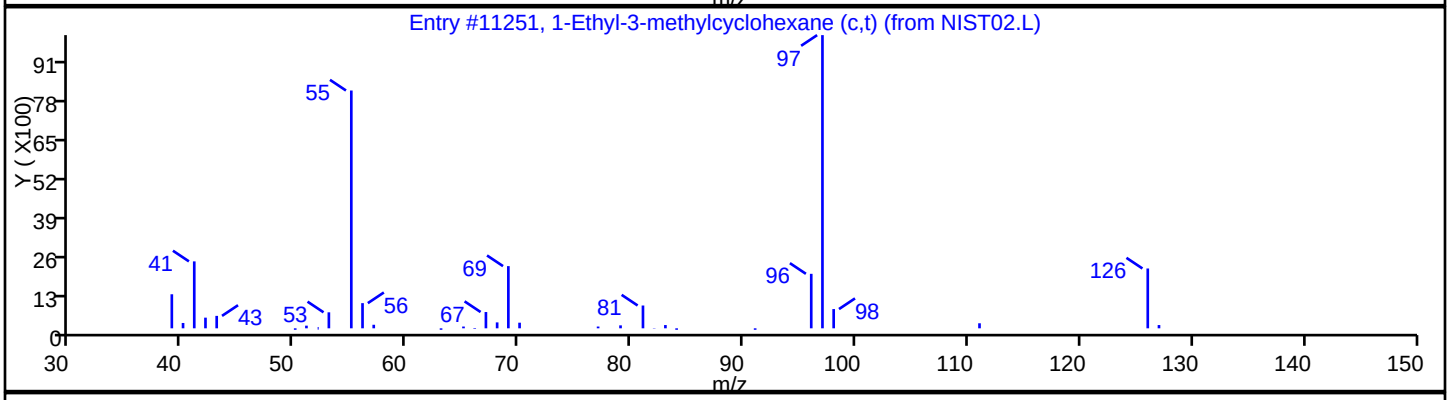
Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

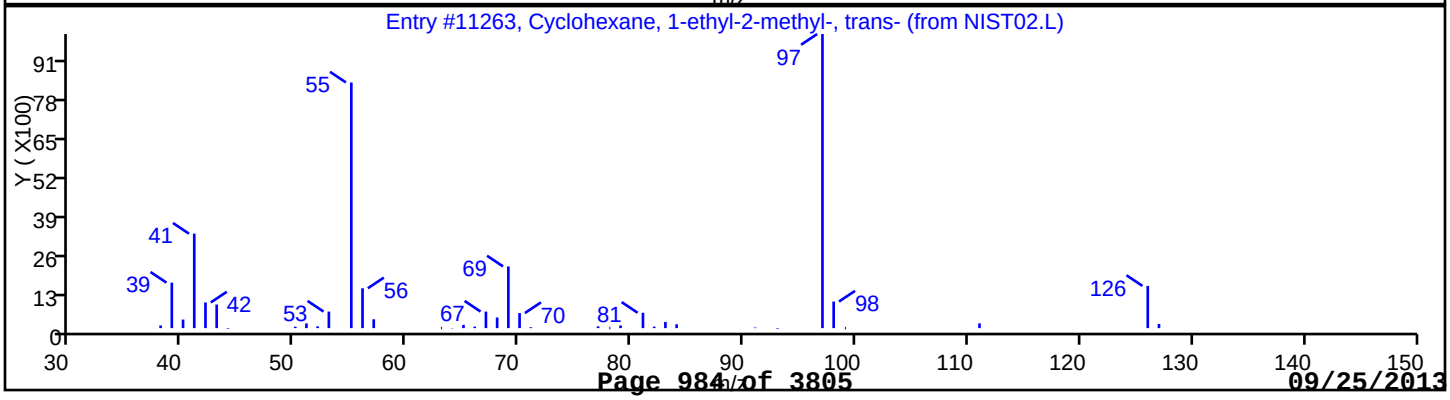
Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1-Ethyl-4-methylcyclohexane	3728-56-1	NIST02.L	11214	86
1-Ethyl-3-methylcyclohexane (c,t)	3728-55-0	NIST02.L	11251	86
Cyclohexane, 1-ethyl-2-methyl-, trans-	4923-78-8	NIST02.L	11263	72







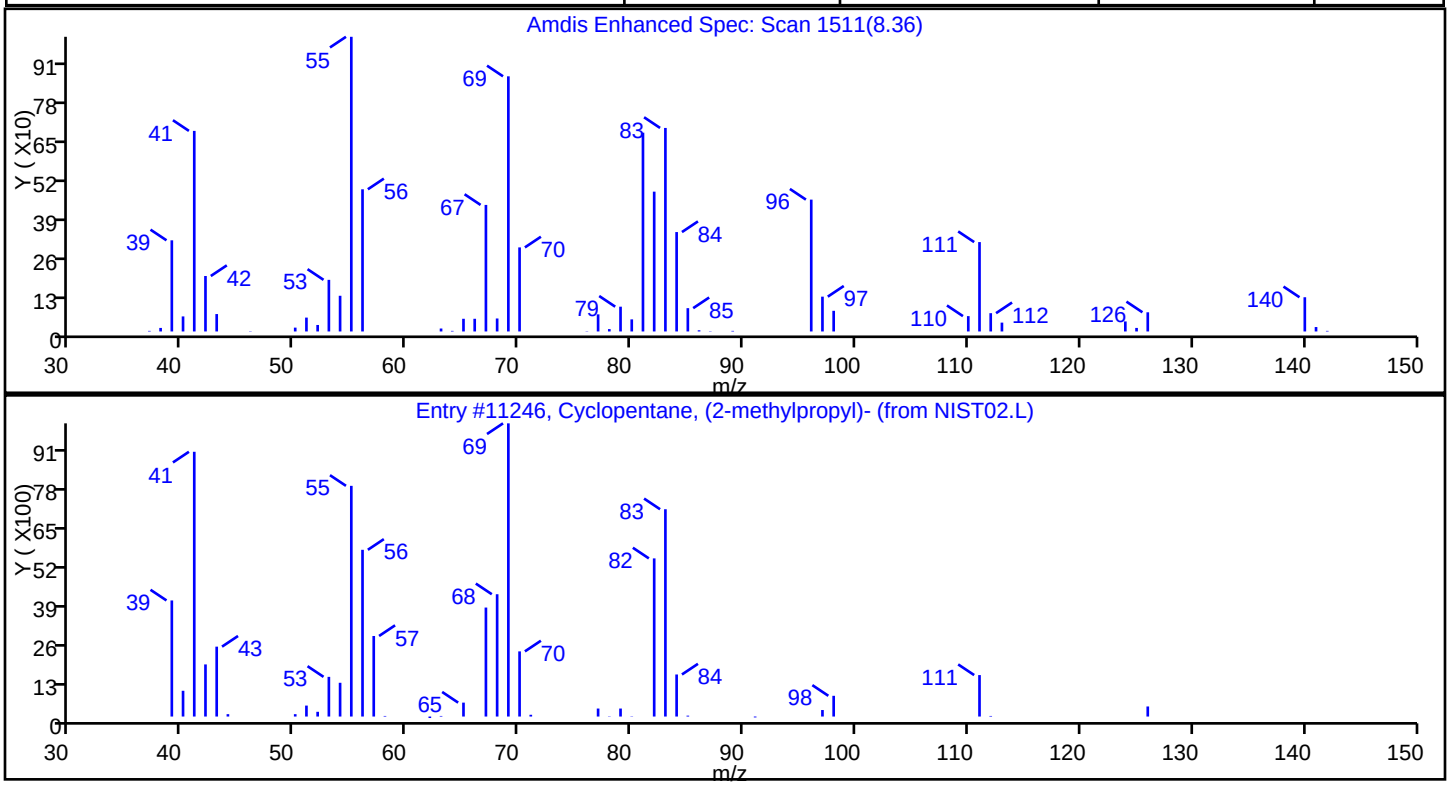


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	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
Cyclopentane, (2-methylpropyl)-	3788-32-7	NIST02.L	11246	76



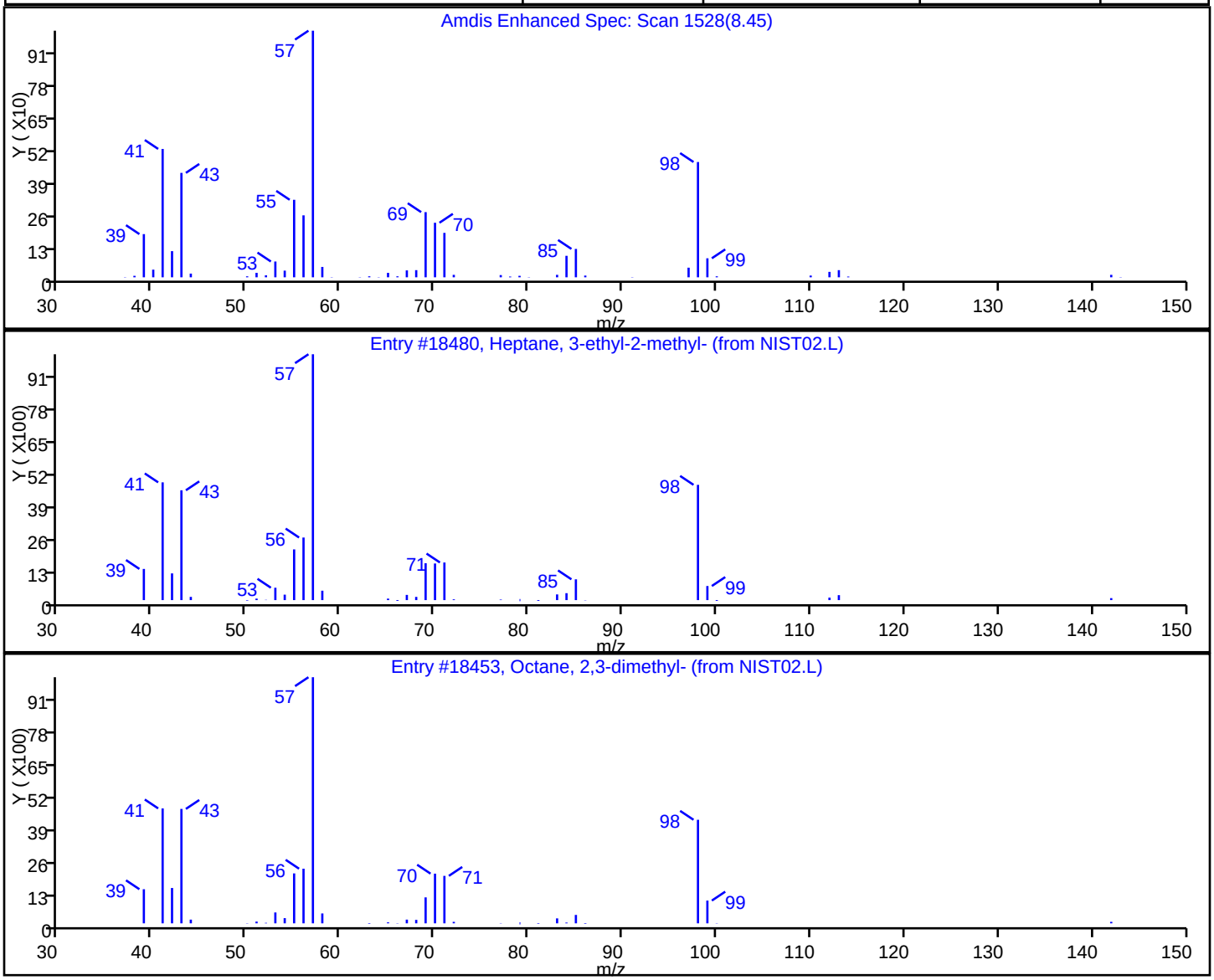
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	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
Heptane, 3-ethyl-2-methyl-	14676-29-0	NIST02.L	18480	83
Octane, 2,3-dimethyl-	7146-60-3	NIST02.L	18453	74



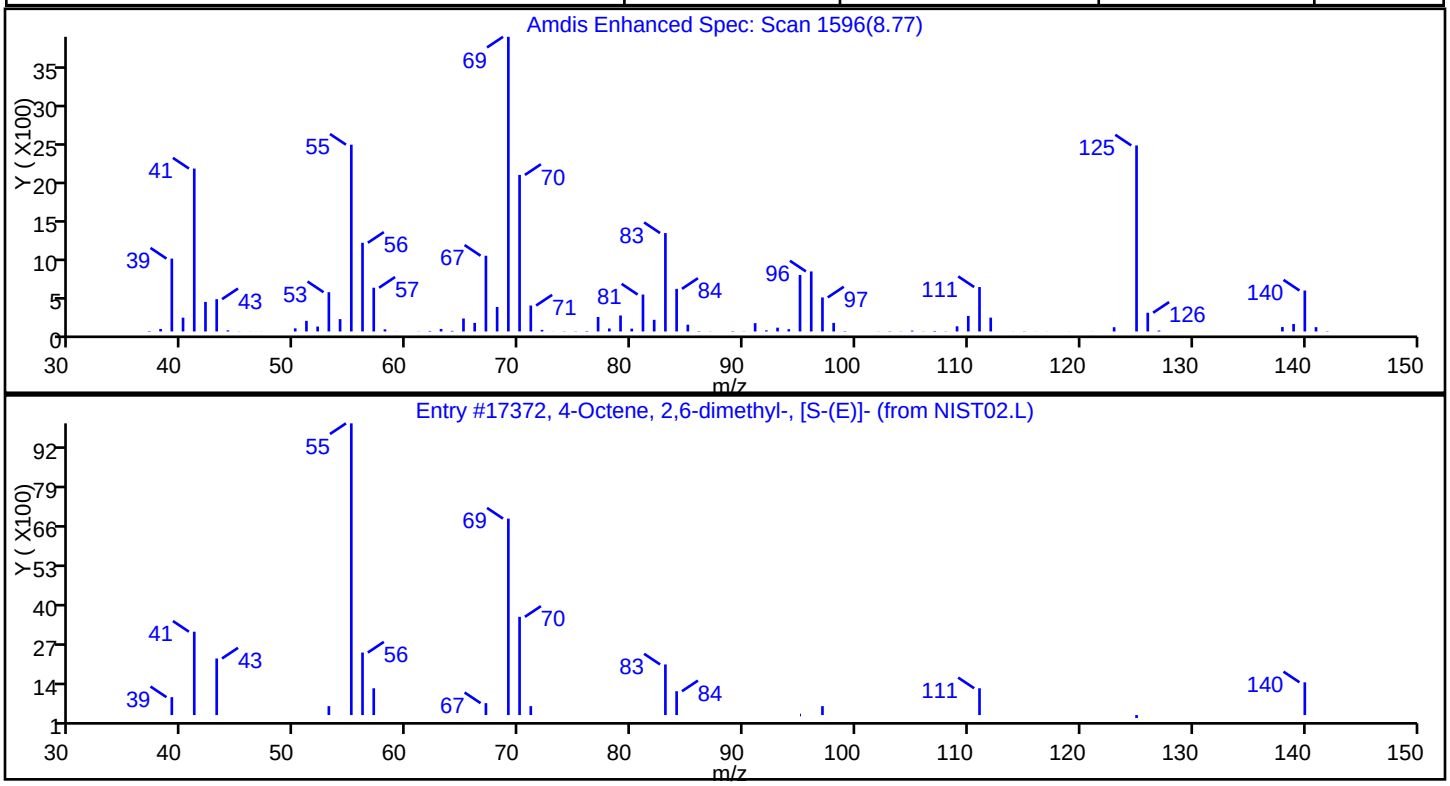
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	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
4-Octene, 2,6-dimethyl-, [S-(E)]-	62960-76-3	NIST02.L	17372	70



Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date: 19-Sep-2013 21:10:30 Limit Group: VOA - 8260B Water and Solid

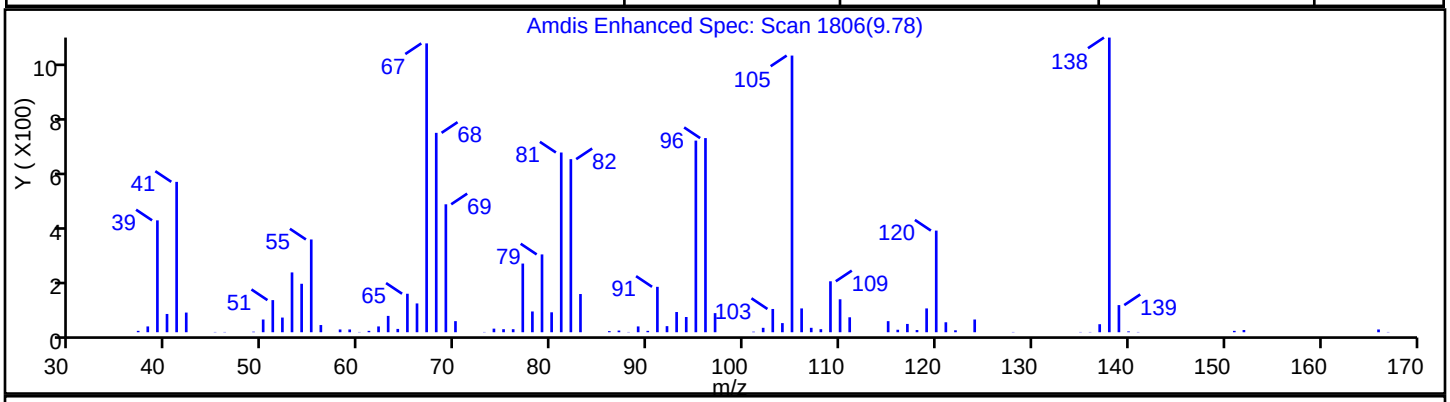
Client ID: PMP-17SE-WT Instrument ID: CVOAMS4

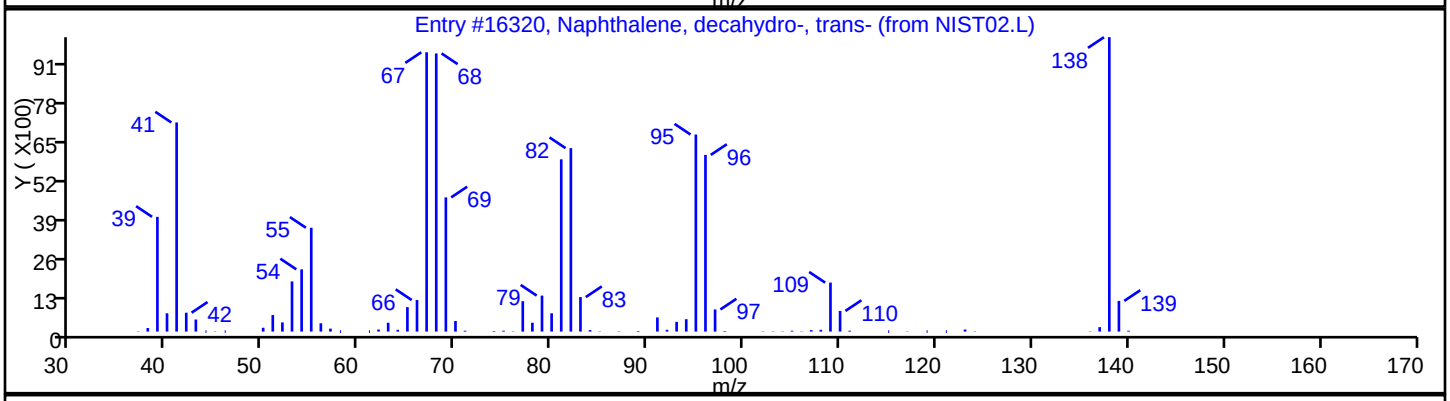
Lims Batch ID: 182221 Lims Sample ID: 21

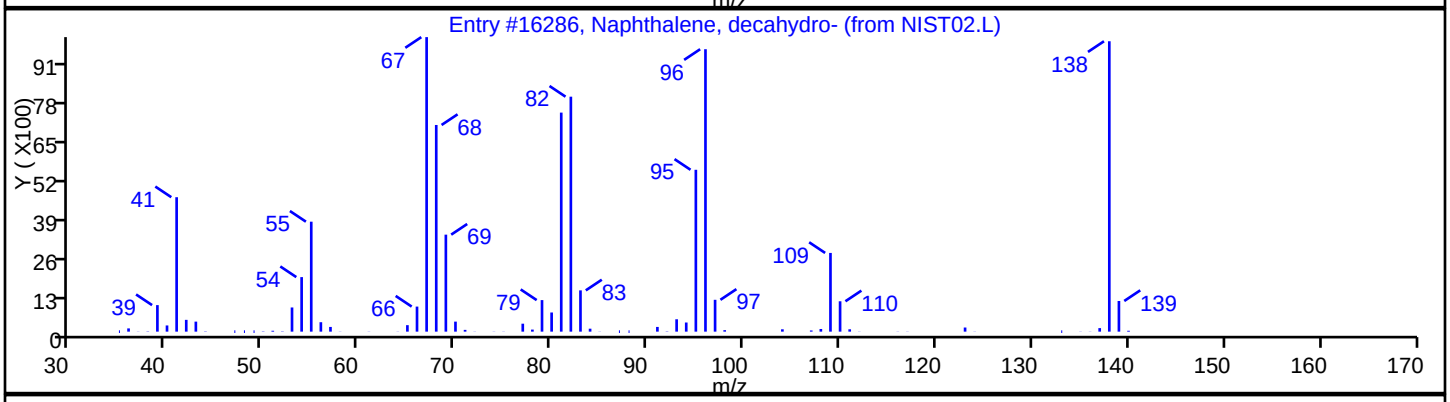
Operator ID: Purge Vol: 5.000 mL

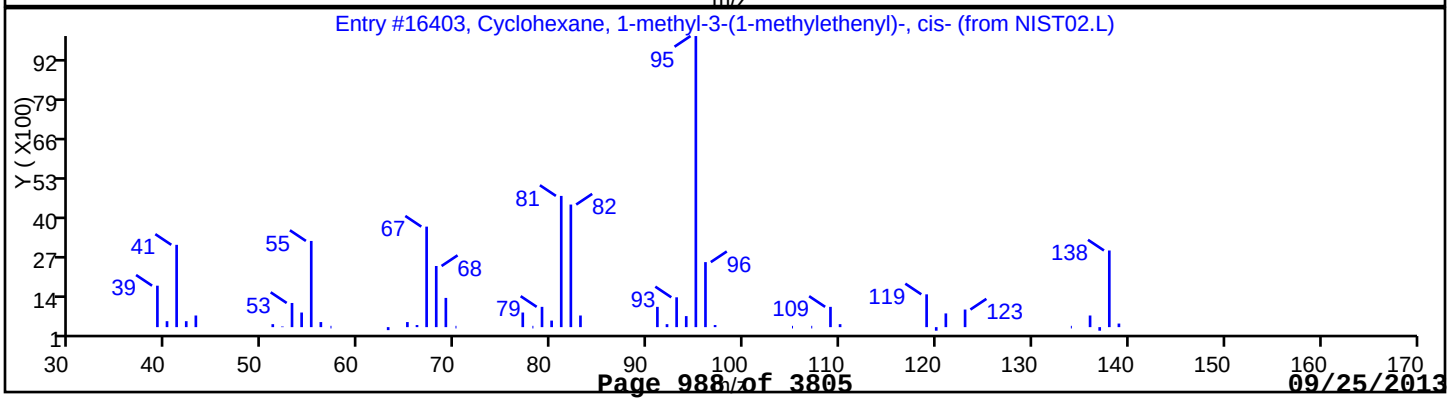
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-, trans-	493-02-7	NIST02.L	16320	97
Naphthalene, decahydro-	91-17-8	NIST02.L	16286	94
Cyclohexane, 1-methyl-3-(1-methylethenyl	24399-15-3	NIST02.L	16403	81









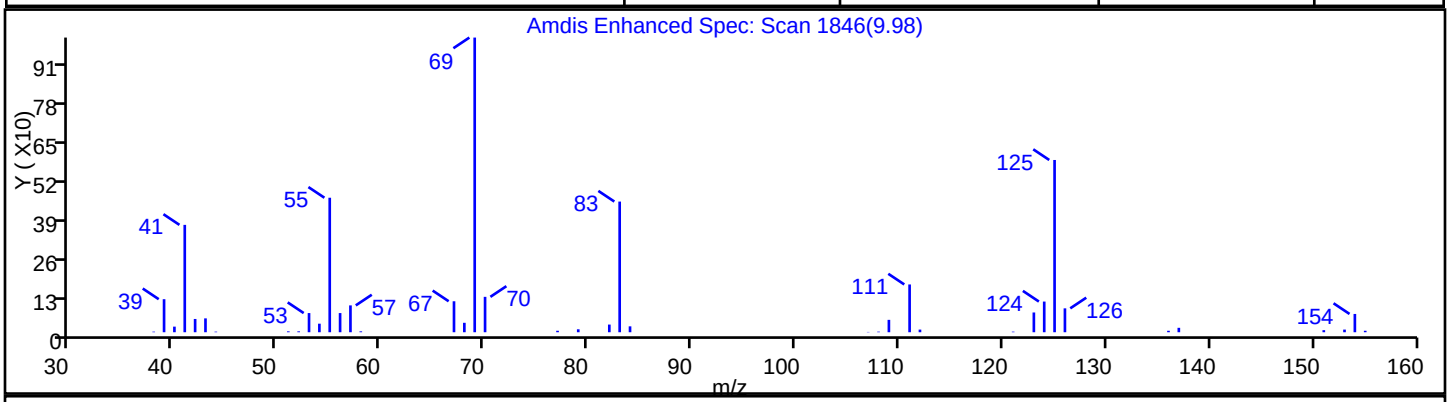
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

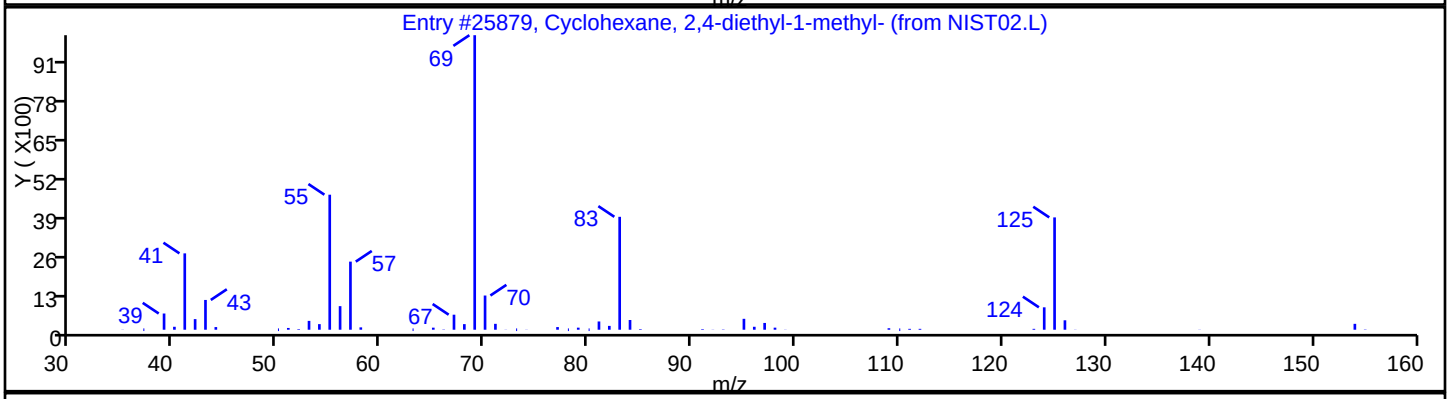
TestAmerica Edison

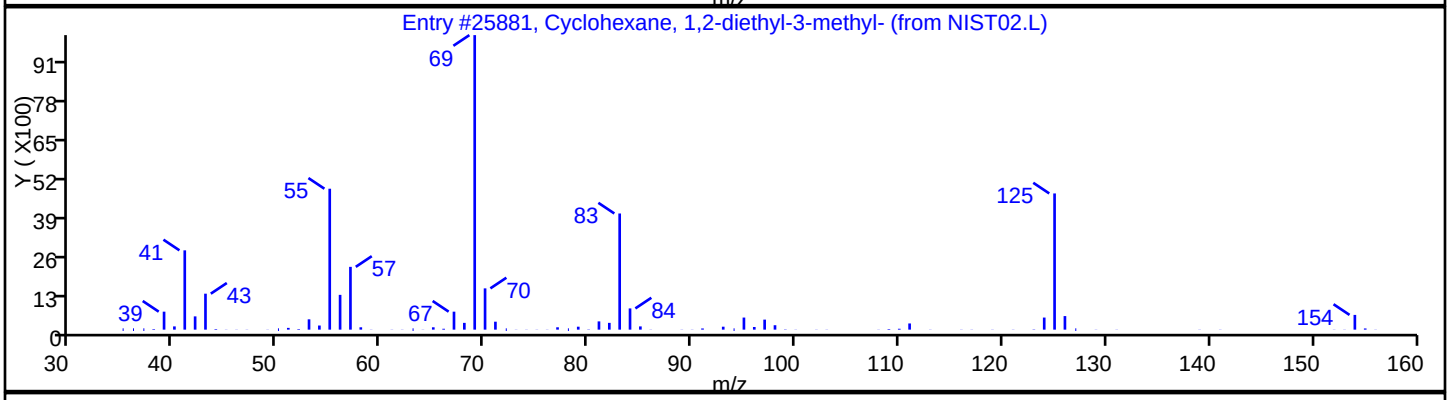
Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

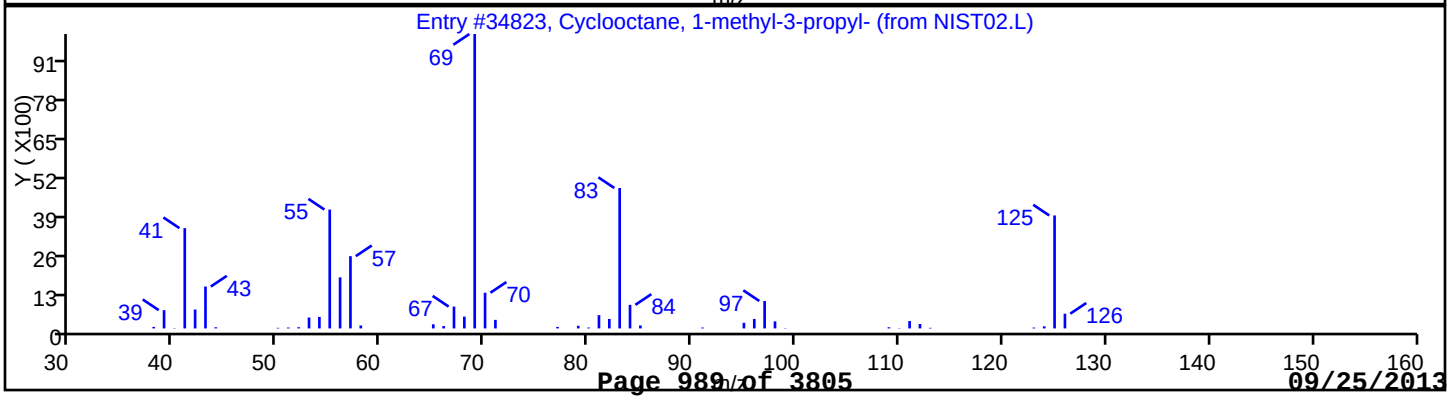
Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Cyclohexane, 2,4-diethyl-1-methyl-	61142-70-9	NIST02.L	25879	86
Cyclohexane, 1,2-diethyl-3-methyl-	61141-80-8	NIST02.L	25881	86
Cyclooctane, 1-methyl-3-propyl-	255885-37-1	NIST02.L	34823	72









Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date: 19-Sep-2013 21:10:30 Limit Group: VOA - 8260B Water and Solid

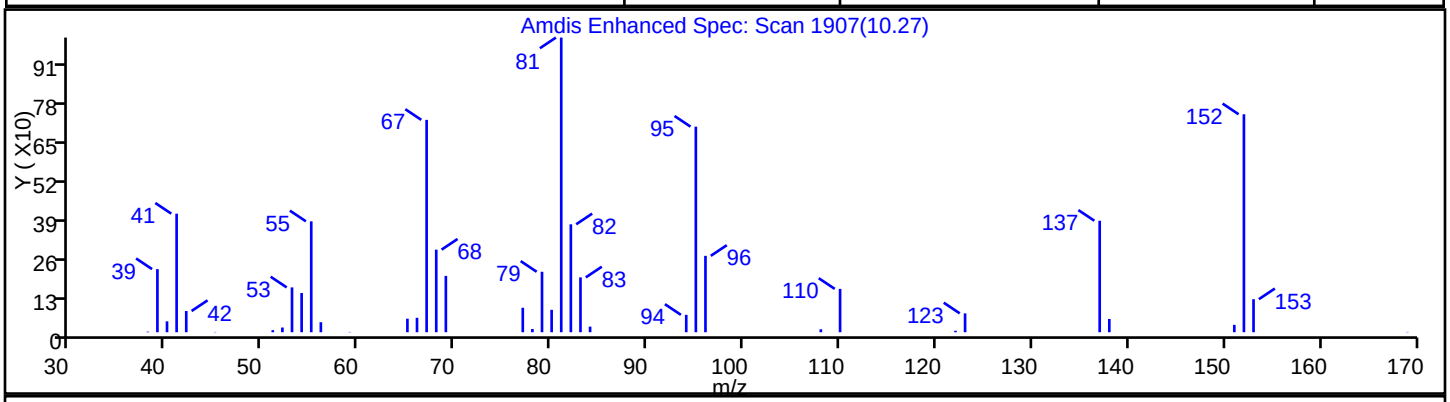
Client ID: PMP-17SE-WT Instrument ID: CVOAMS4

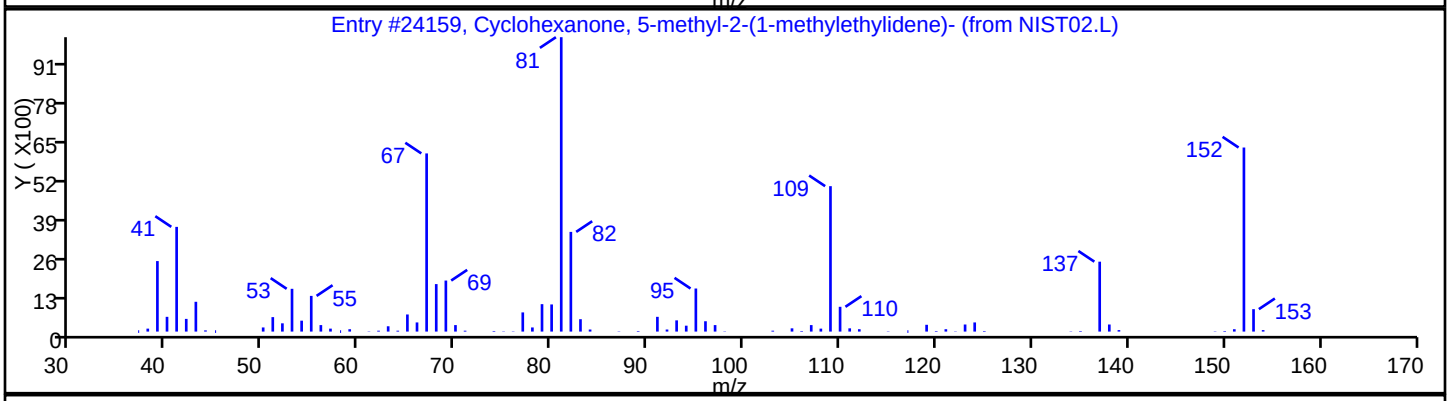
Lims Batch ID: 182221 Lims Sample ID: 21

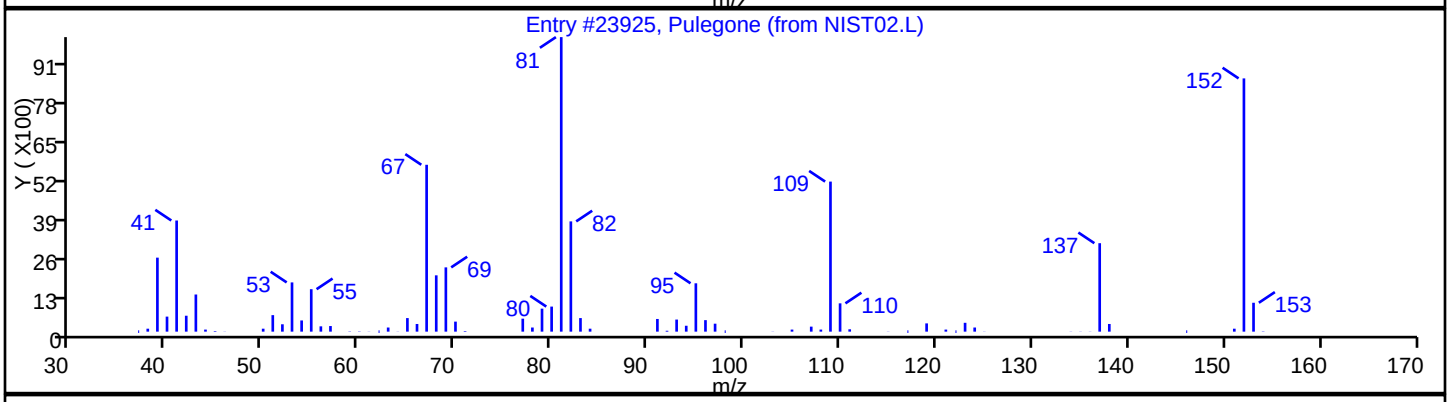
Operator ID: Purge Vol: 5.000 mL

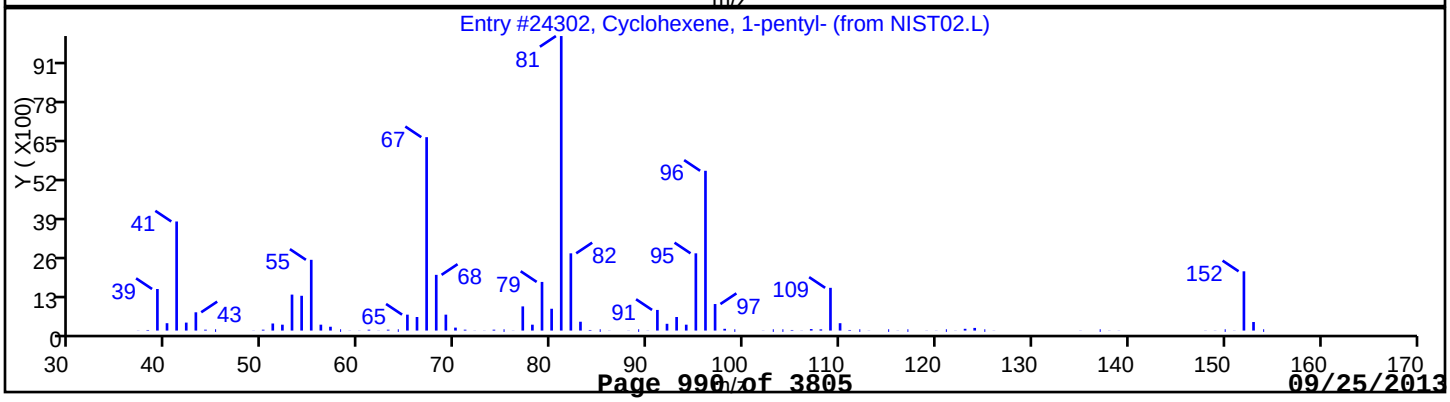
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Cyclohexanone, 5-methyl-2-(1-methylethyl	15932-80-6	NIST02.L	24159	81
Pulegone	89-82-7	NIST02.L	23925	81
Cyclohexene, 1-pentyl-	15232-85-6	NIST02.L	24302	76









Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date: 19-Sep-2013 21:10:30 Limit Group: VOA - 8260B Water and Solid

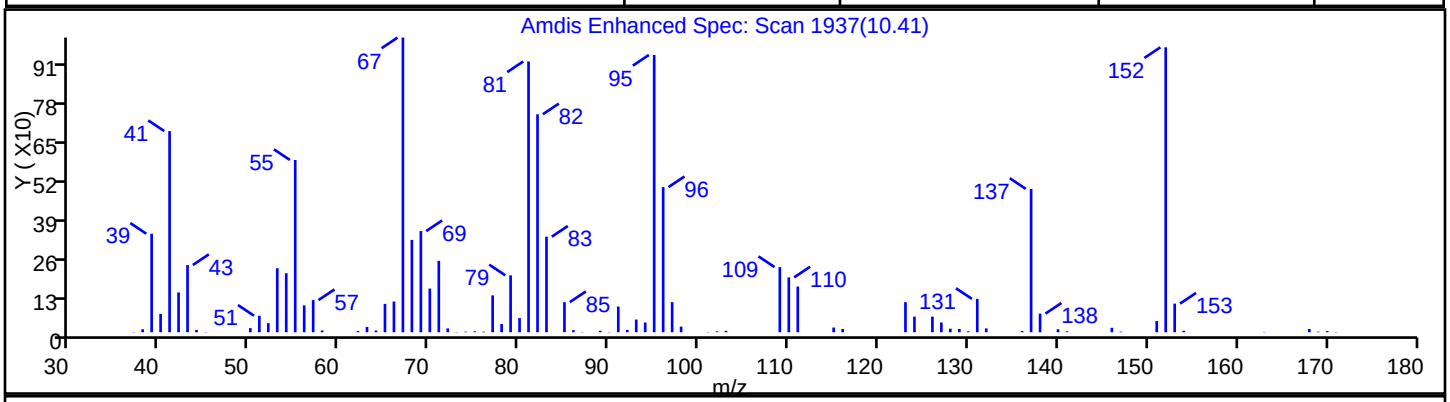
Client ID: PMP-17SE-WT Instrument ID: CVOAMS4

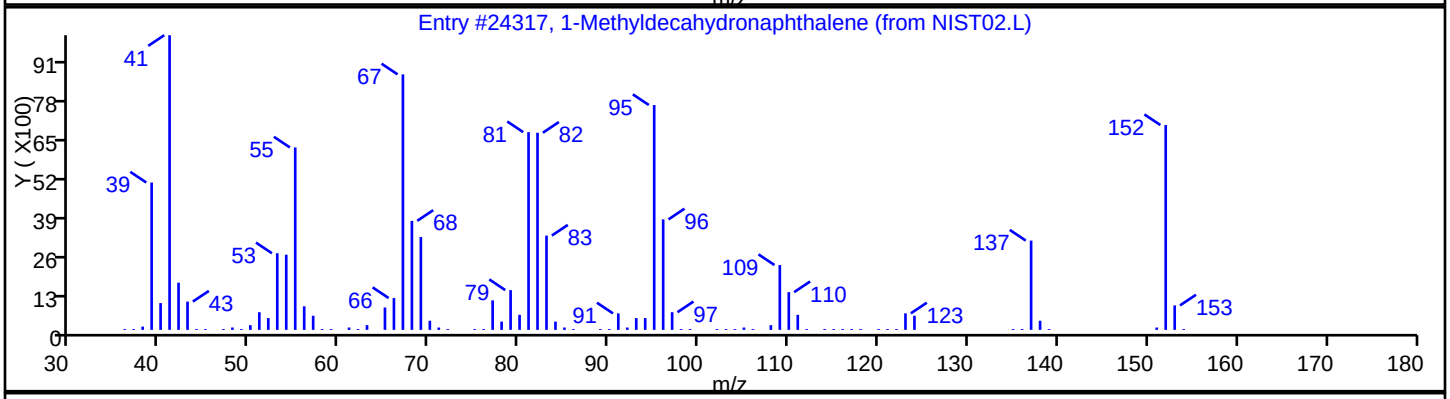
Lims Batch ID: 182221 Lims Sample ID: 21

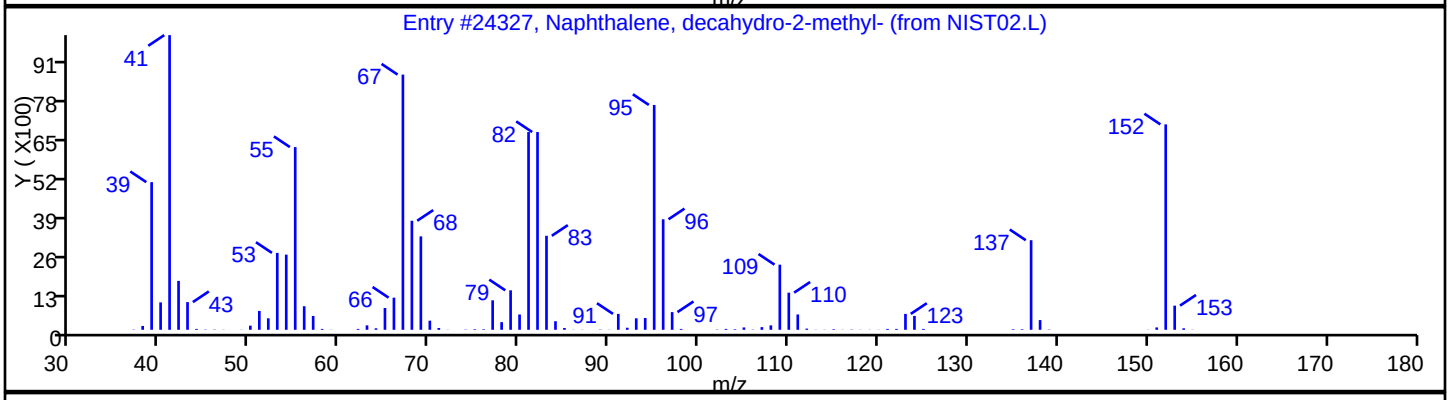
Operator ID: Purge Vol: 5.000 mL

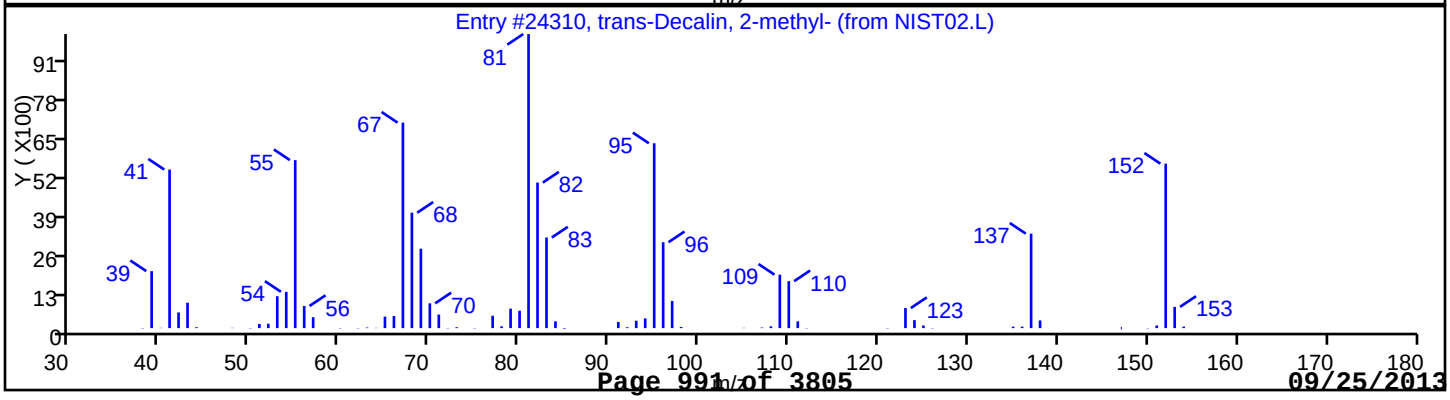
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	96
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24327	94
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	86









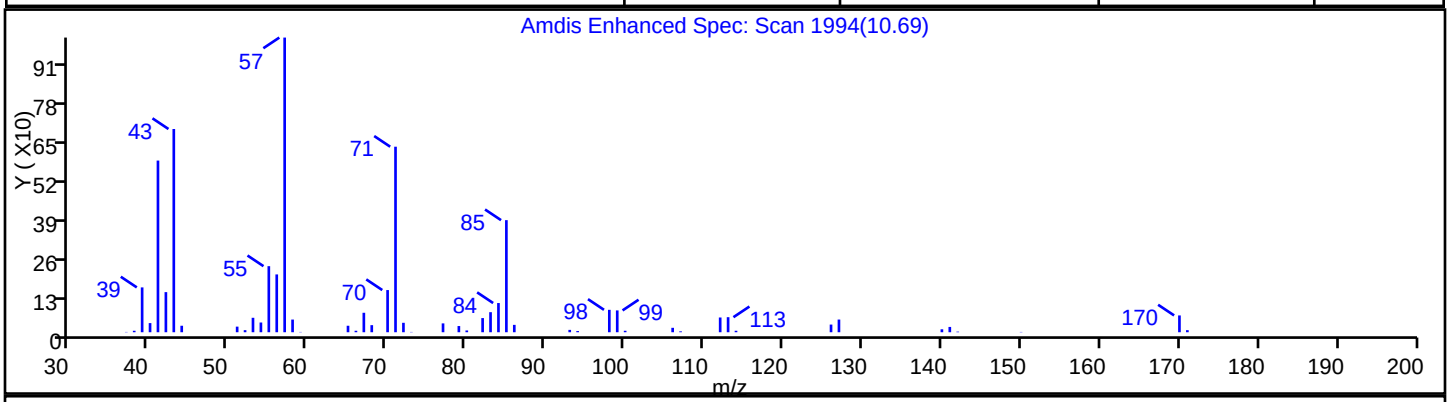
Report Date: 20-Sep-2013 07:57:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

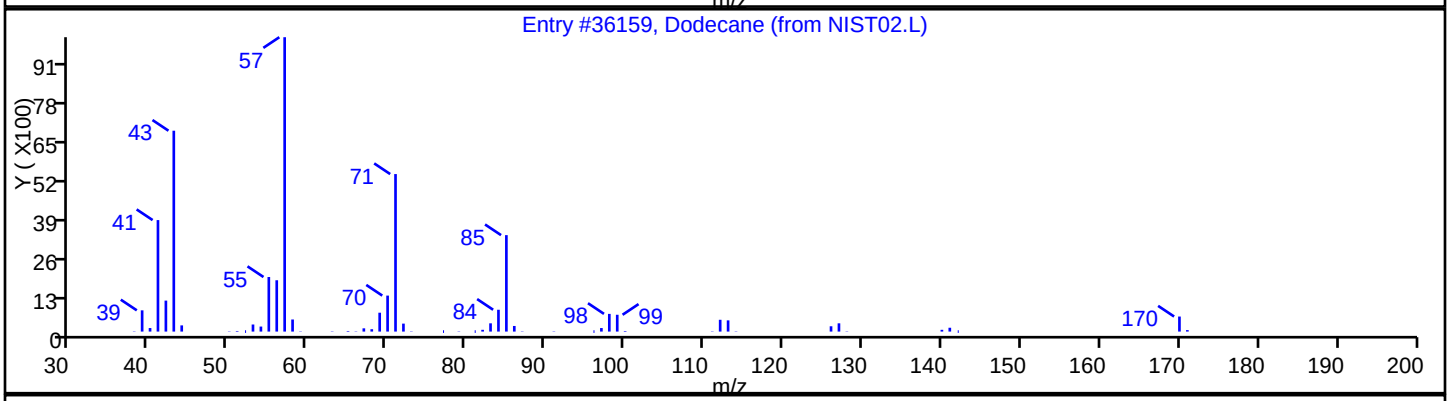
TestAmerica Edison

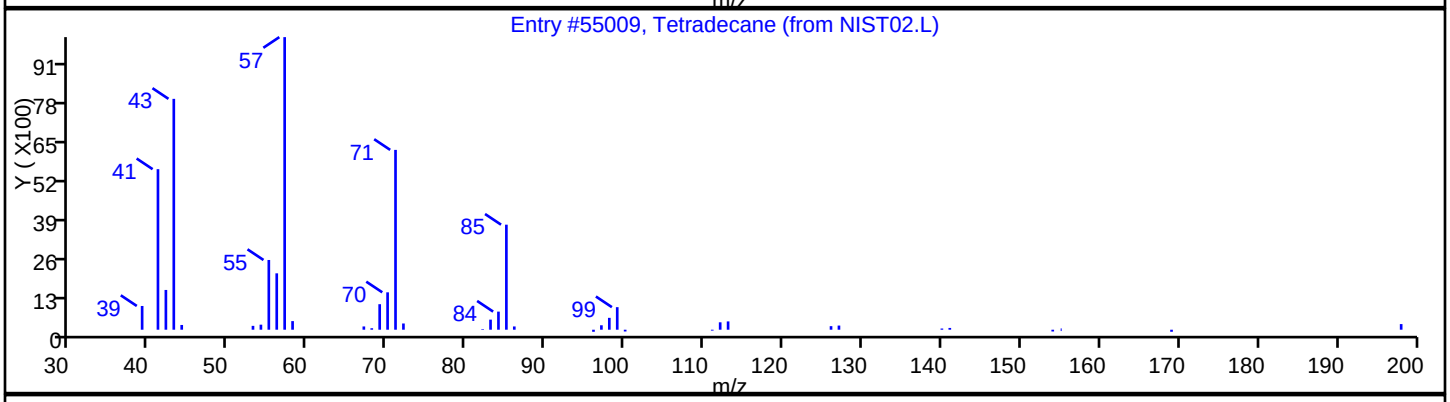
Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

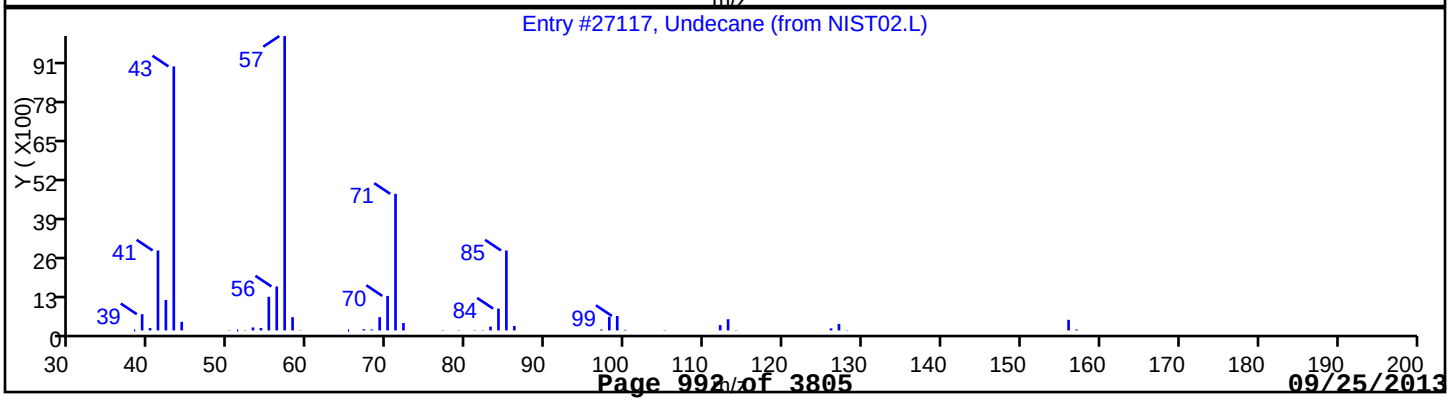
Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Dodecane	112-40-3	NIST02.L	36159	96
Tetradecane	629-59-4	NIST02.L	55009	86
Undecane	1120-21-4	NIST02.L	27117	86







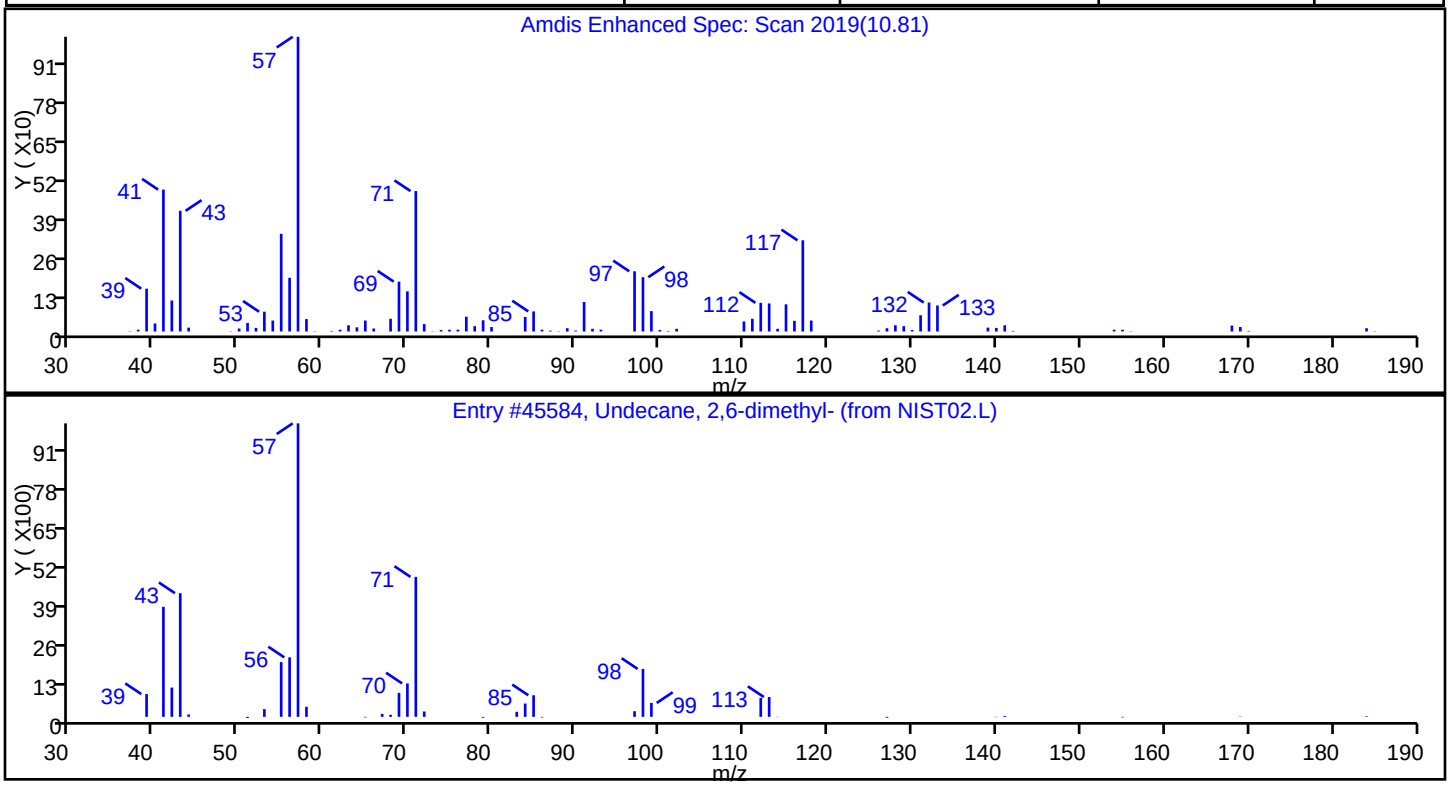


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363156.D

Injection Date:	19-Sep-2013 21:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	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, 2,6-dimethyl-	17301-23-4	NIST02.L	45584	93



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-SI | Lab Sample ID: 460-62968-16

Matrix: Solid | Lab File ID: D363151.D

Analysis Method: 8260B | Date Collected: 09/12/2013 11:05

Sample wt/vol: 6.098(g) | Date Analyzed: 09/19/2013 19:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 182221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.97	0.15
74-83-9	Bromomethane	0.42	U	0.97	0.42
75-01-4	Vinyl chloride	0.33	U	0.97	0.33
75-00-3	Chloroethane	0.32	U	0.97	0.32
75-09-2	Methylene Chloride	0.51	J	0.97	0.14
67-64-1	Acetone	28		4.8	1.6
75-15-0	Carbon disulfide	1.6		0.97	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.97	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.97	0.18
75-34-3	1,1-Dichloroethane	0.11	U	0.97	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	0.97	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	0.97	0.11
67-66-3	Chloroform	3.9		0.97	0.23
78-93-3	2-Butanone	0.61	U *	4.8	0.61
107-06-2	1,2-Dichloroethane	0.17	U	0.97	0.17
71-55-6	1,1,1-Trichloroethane	0.13	U	0.97	0.13
56-23-5	Carbon tetrachloride	0.14	U	0.97	0.14
71-43-2	Benzene	0.14	U	0.97	0.14
75-25-2	Bromoform	0.16	U	0.97	0.16
100-42-5	Styrene	0.27	U	0.97	0.27
100-41-4	Ethylbenzene	0.16	U	0.97	0.16
108-90-7	Chlorobenzene	0.17	U	0.97	0.17
110-82-7	Cyclohexane	0.13	U	0.97	0.13
98-82-8	Isopropylbenzene	0.11	U	0.97	0.11
591-78-6	2-Hexanone	0.13	U	4.8	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	0.53	J	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	4.8	0.19
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.97	0.14
95-50-1	1,2-Dichlorobenzene	0.13	J	0.97	0.097
541-73-1	1,3-Dichlorobenzene	0.15	U	0.97	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-SI | Lab Sample ID: 460-62968-16

Matrix: Solid | Lab File ID: D363151.D

Analysis Method: 8260B | Date Collected: 09/12/2013 11:05

Sample wt/vol: 6.098(g) | Date Analyzed: 09/19/2013 19:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 182221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.96	J	0.97	0.11
120-82-1	1,2,4-Trichlorobenzene	2.2		0.97	0.18
87-61-6	1,2,3-Trichlorobenzene	0.97		0.97	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.97	0.14
108-87-2	Methylcyclohexane	0.24	J	0.97	0.097
127-18-4	Tetrachloroethene	0.50	J	0.97	0.12
1330-20-7	Xylenes, Total	0.65	U	2.9	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	0.43	U	0.97	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.087	U	0.97	0.087
79-00-5	1,1,2-Trichloroethane	0.14	U	0.97	0.14
124-48-1	Dibromochloromethane	0.097	U	0.97	0.097
106-93-4	1,2-Dibromoethane	0.14	U	0.97	0.14
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)	89		70-130
2037-26-5	Toluene-d8 (Surr)	108		70-130
460-00-4	Bromofluorobenzene	103		70-130
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-SI Lab Sample ID: 460-62968-16

Matrix: Solid Lab File ID: D363151.D

Analysis Method: 8260B Date Collected: 09/12/2013 11:05

Sample wt/vol: 6.098(g) Date Analyzed: 09/19/2013 19:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.2 Level: (low/med) Low

Analysis Batch No.: 182221 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 353

CAS NO.	COMPOUND NAME	RT	RESULT	Q
768-49-0	Benzene, (2-methyl-1-propenyl)-	10.28	34	J N
488-23-3	Benzene, 1,2,3,4-tetramethyl-	10.54	25	J N
535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-	10.82	53	J N
20836-11-7	1H-Indene,2,3-dihydro-2,2-dimethyl-	11.06	37	J N
97664-18-1	Benzene, 1-methyl-4-(1-methyl-2-propenyl	11.12	39	J N
4218-48-8	Benzene, 1-ethyl-4-(1-methylethyl)-	11.33	36	J N
4489-84-3	Benzene, (3-methyl-2-butenyl)-	11.45	35	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	11.59	39	J N
2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	11.74	35	J N
2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	11.86	20	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D
Lims ID: 460-62968-B-16-A
Client ID: PMP-17SE-SI
Inject. Date: 19-Sep-2013 19:10:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-62968-B-16-A
Misc. Info.: 460-0004820-016
Operator:
Instrument ID: CVOAMS4
Purge Vol: 5.000 mL
ALS Bottle#: 15
Lims Batch ID: 182221
Lims Sample ID: 16
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\8260S_4.m
Last Update: 20-Sep-2013 07:45:36
Calib Date: 05-Sep-2013 06:32:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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 07:45:36

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
21 Carbon disulfide	76	2.011	2.016	-0.005	86	25644	1.69	M
25 Methylene Chloride	84	2.392	2.387	0.005	52	2434	0.5302	M
19 Acetone	43	2.426	2.435	-0.009	76	31715	28.9	
* 151 TBA-d9 (IS)	65	2.647	2.647	0.0	69	182621	1000.0	
47 Chloroform	83	3.576	3.576	0.0	89	38803	4.06	
$ 152 Dibromofluoromethane (Surr)	113	3.721	3.721	0.0	95	177854	47.9	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.169	4.173	-0.004	95	175288	44.4	
* 59 Fluorobenzene	96	4.438	4.433	0.005	98	632901	50.0	
63 Methylcyclohexane	83	4.583	4.587	-0.004	45	2492	0.2498	
* 150 1,4-Dioxane-d8	96	5.401	5.406	-0.005	1	12005	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.100	6.104	-0.004	98	689374	53.8	
77 Toluene	91	6.167	6.162	0.005	54	11239	0.5535	
80 Tetrachloroethene	166	6.600	6.610	-0.010	62	3085	0.5135	M
* 87 Chlorobenzene-d5	117	7.795	7.794	0.001	85	482628	50.0	
92 o-Xylene	106	8.387	8.382	0.005	78	5111	0.6072	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	88	222920	51.5	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	95	279697	50.0	
117 1,4-Dichlorobenzene	146	9.750	9.745	0.005	33	11412	0.99	
121 1,2-Dichlorobenzene	146	10.048	10.048	0.0	19	1481	0.1348	M
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	41	21375	2.28	
128 1,2,3-Trichlorobenzene	180	11.454	11.459	-0.005	27	8198	1.01	
S 131 Xylenes, Total	100				0		0.6072	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D		
Lims ID:	460-62968-B-16-A	Client ID:	PMP-17SE-SI
Inject. Date:	19-Sep-2013 19:10:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-B-16-A		
Misc. Info.:	460-0004820-016		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	15
Lims Batch ID:	182221	Lims Sample ID:	16
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\8260S_4.m		
Last Update:	20-Sep-2013 07:45:36	Calib Date:	05-Sep-2013 06:32:30
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 07:45:36

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	768-49-0	Benzene, (2-methyl-1-propenyl)-				
10.279	1147296	34.9	116	86	13598	
	488-23-3	Benzene, 1,2,3,4-tetramethyl-				
10.539	833803	25.4	116	95	14353	
	535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-				
10.823	1795986	54.7	116	94	14402	
	20836-11-7	1H-Indene,2,3-dihydro-2,2-dimethyl-				
11.064	1259774	38.4	116	70	20737	
	97664-18-1	Benzene, 1-methyl-4-(1-methyl-2-propenyl				
11.117	1341308	40.8	116	90	20775	
	4218-48-8	Benzene, 1-ethyl-4-(1-methylethyl)-				
11.334	1217991	37.1	116	78	21838	
	4489-84-3	Benzene, (3-methyl-2-butenyl)-				
11.454	1182444	36.0	116	76	20726	
	56253-64-6	Benzene, (2-methyl-1-butenyl)-				
11.594	1319585	40.2	116	80	20728	
	2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-				
11.738	1186920	36.1	116	80	29424	
	2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-				
11.864	675640	20.6	116	55	29424	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	9.735	1642245	50.0

QC Flag Legend

Processing Flags

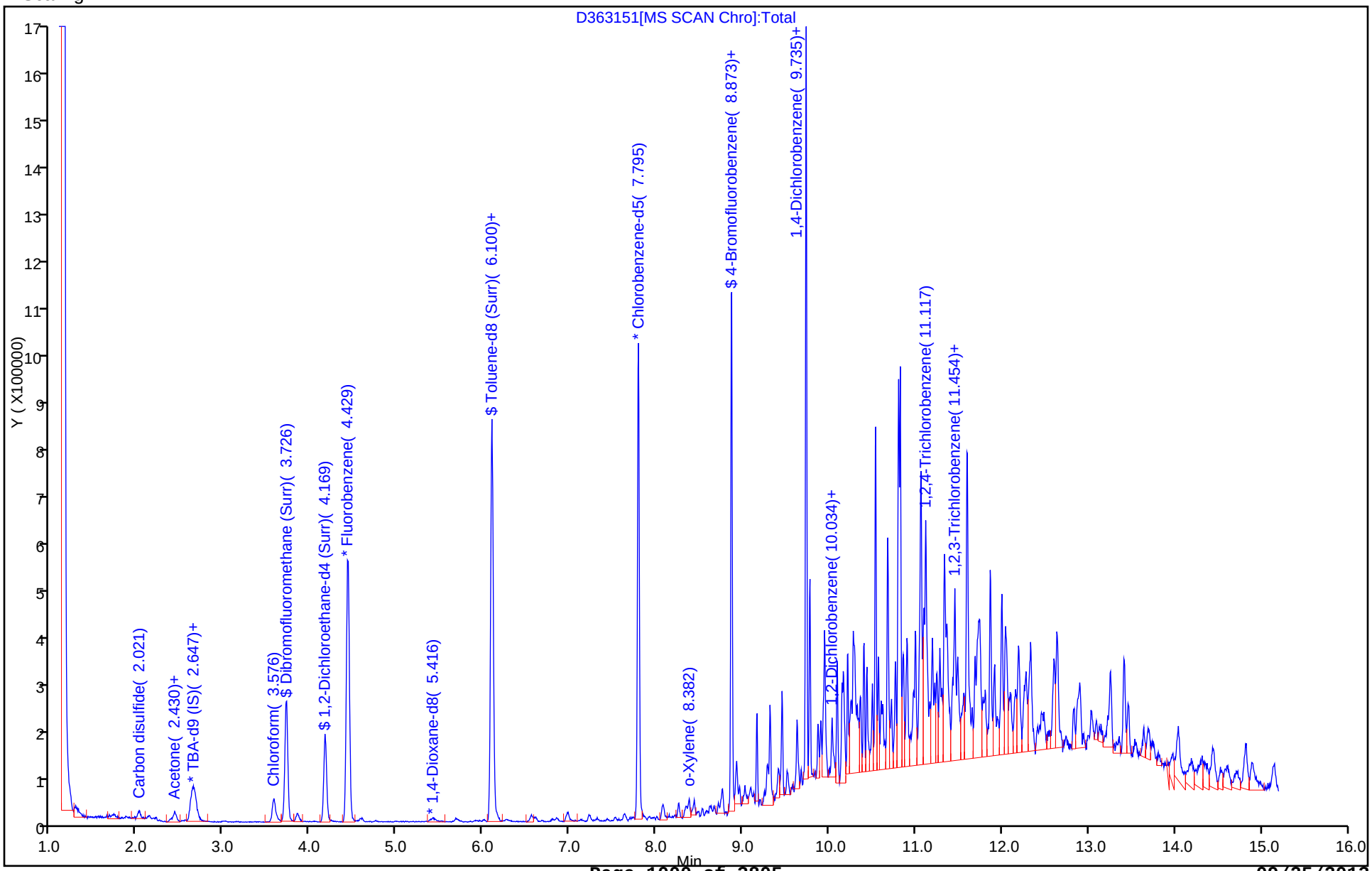
Report Date: 20-Sep-2013 07:45:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D

Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



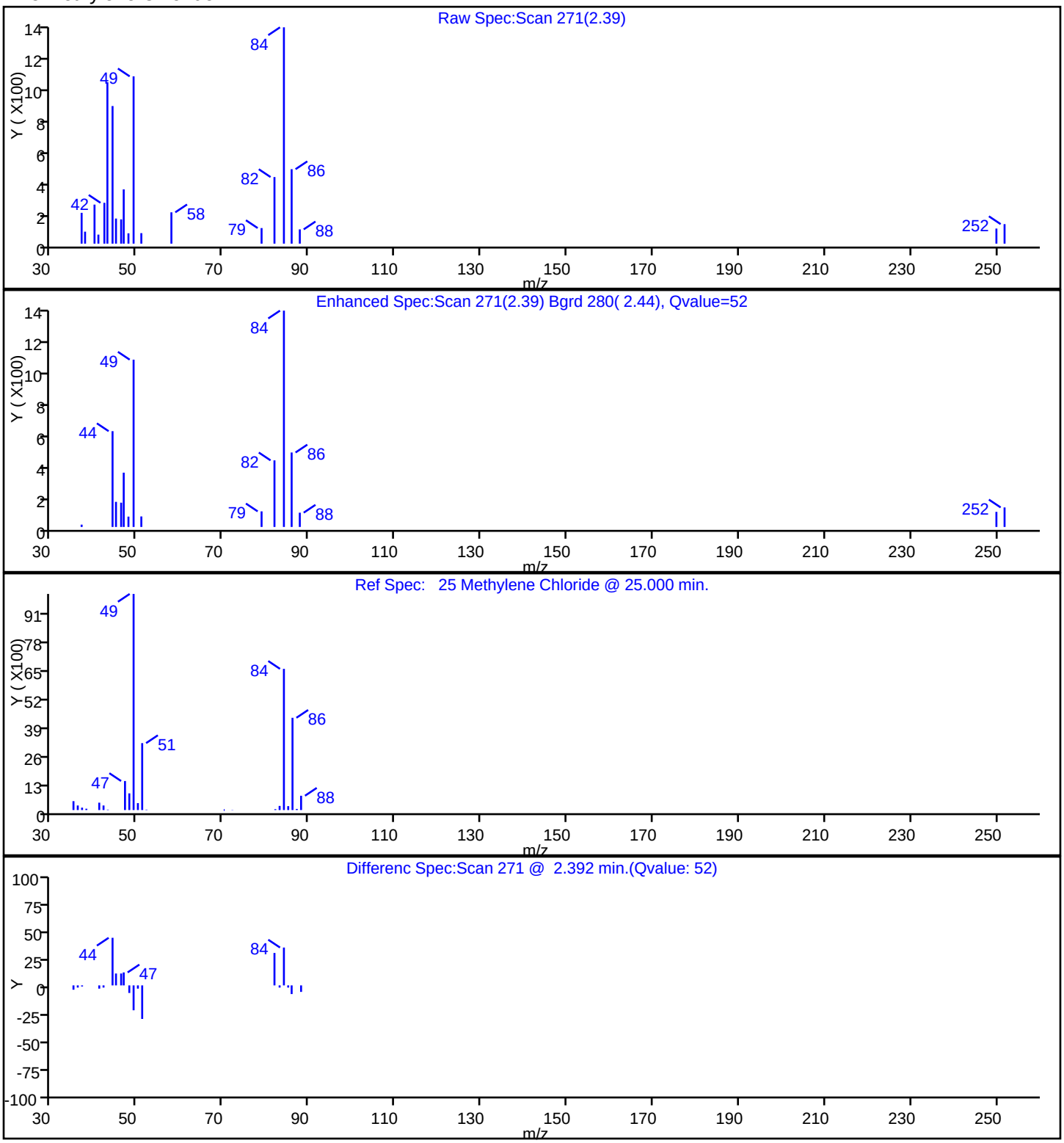
Report Date: 20-Sep-2013 07:45:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D

Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

25 Methylene Chloride



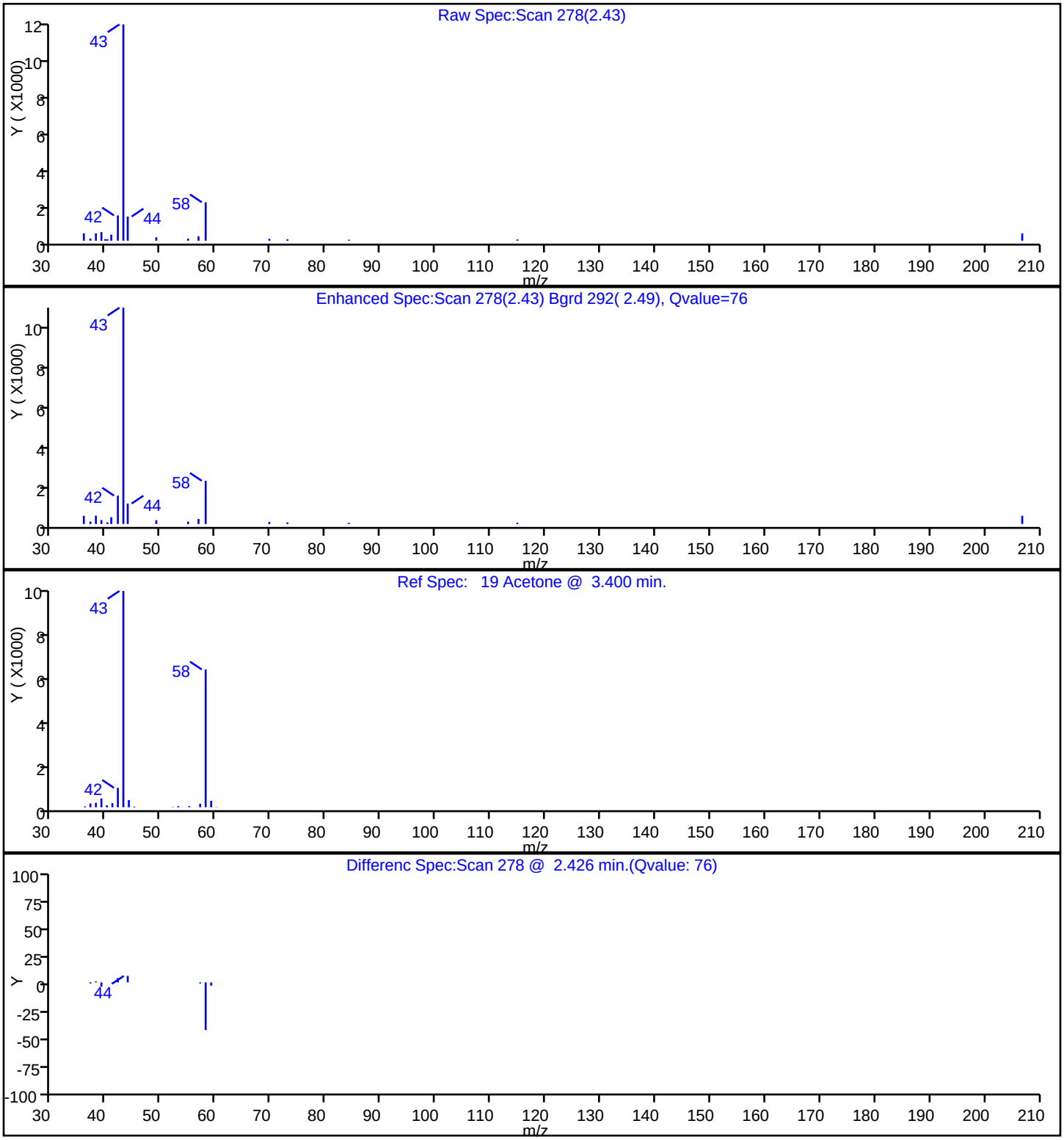
Report Date: 20-Sep-2013 07:45:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D

Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



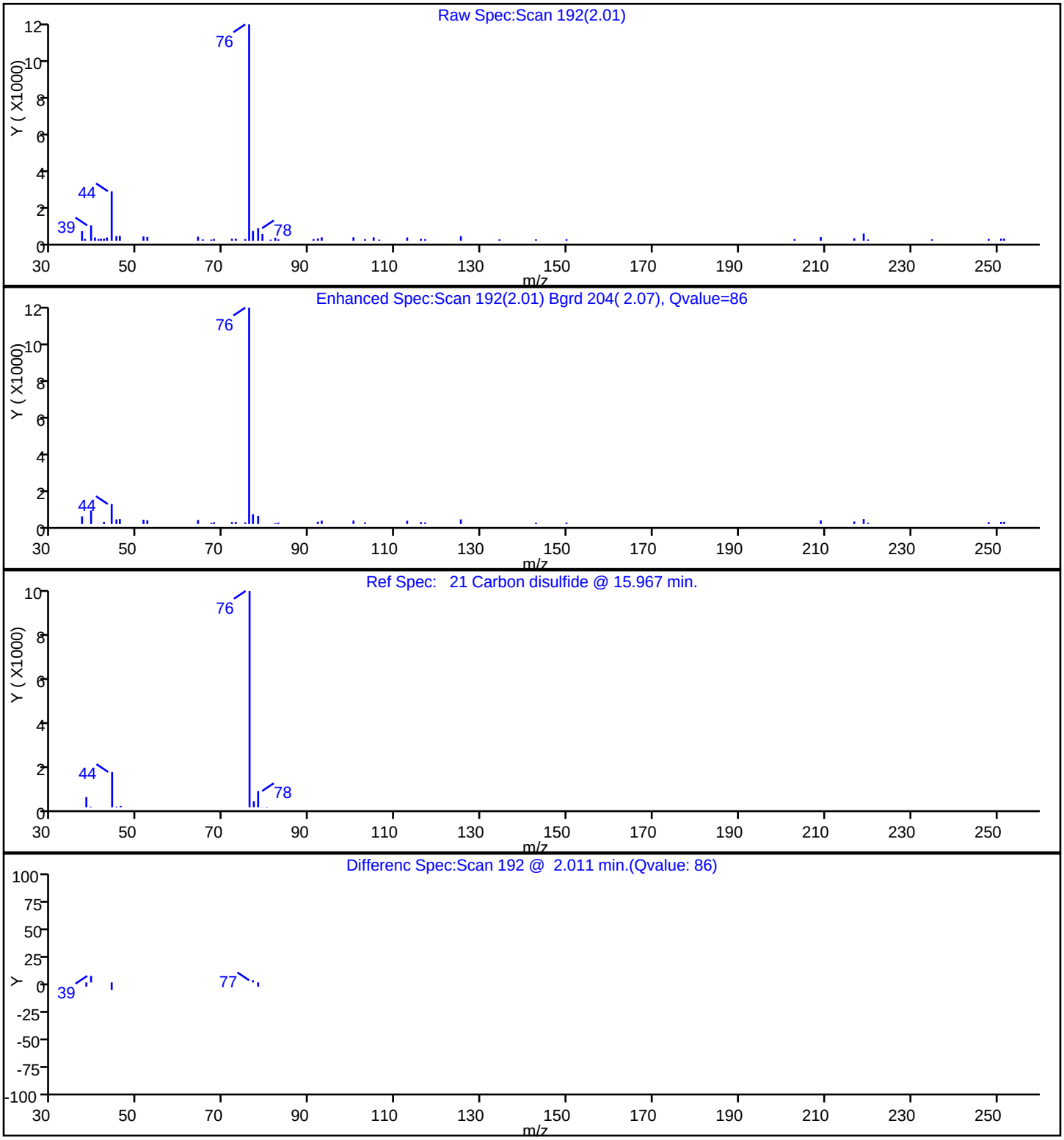
Report Date: 20-Sep-2013 07:45:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D

Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

21 Carbon disulfide



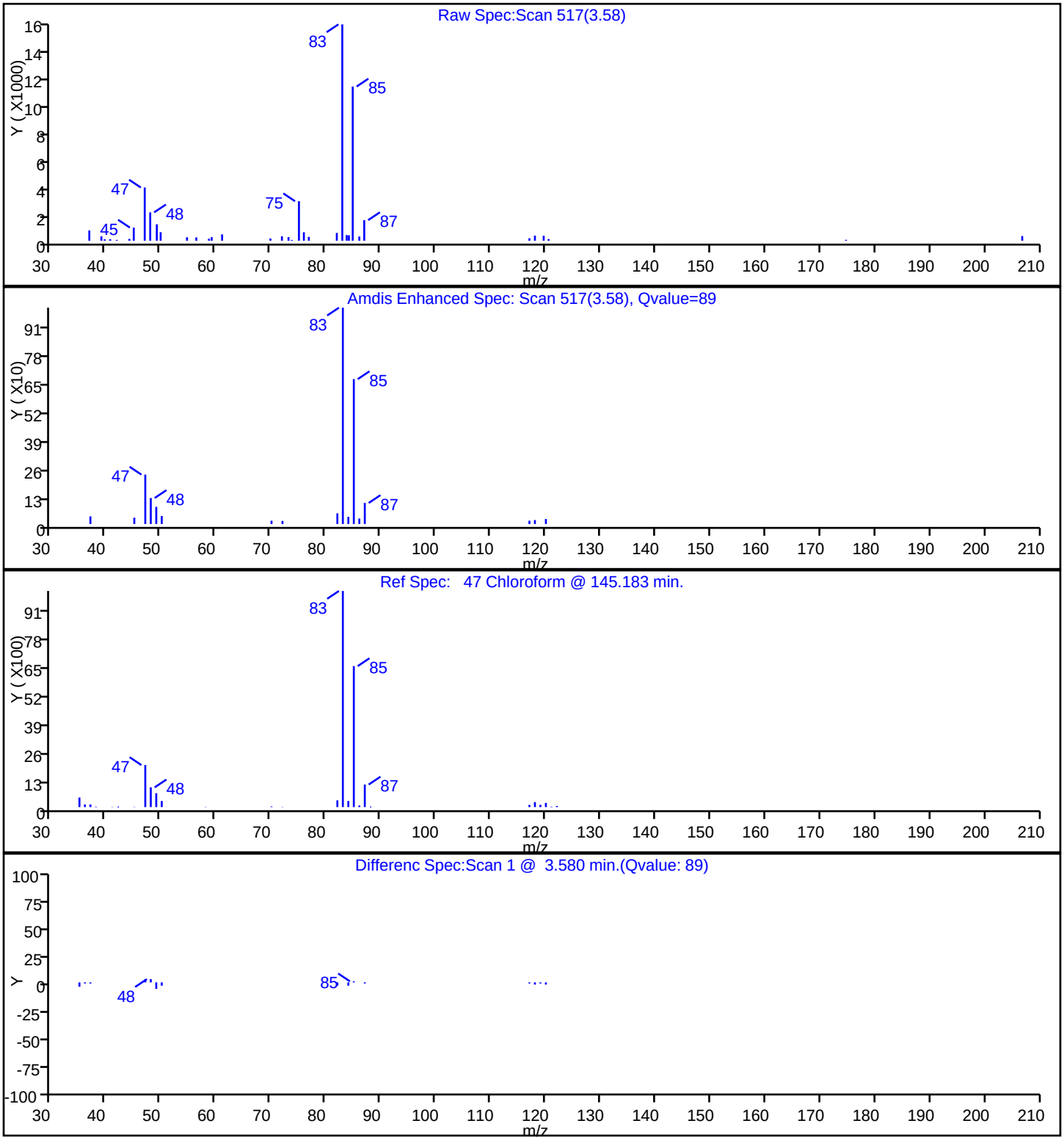
Report Date: 20-Sep-2013 07:45:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D

Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



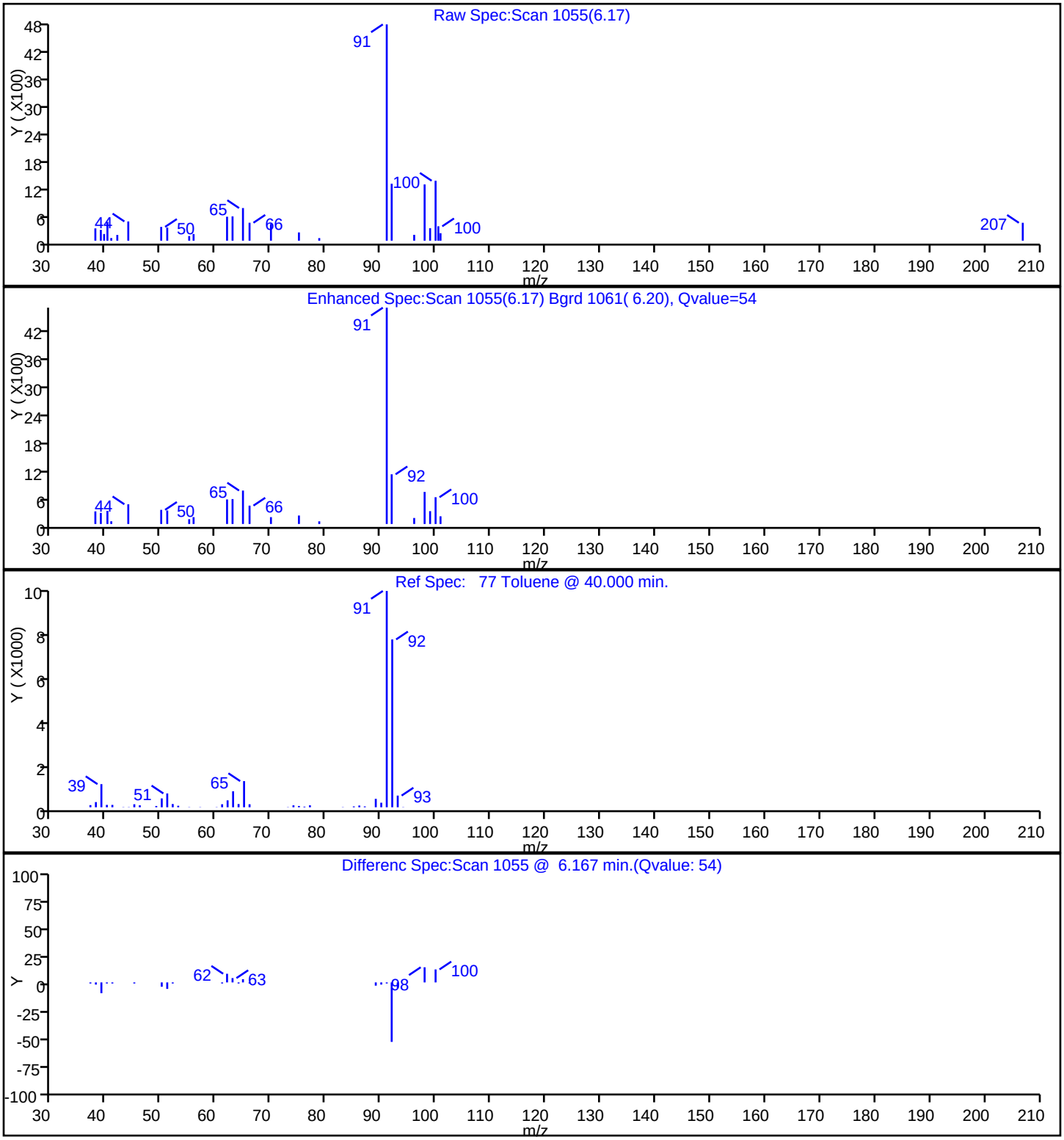
Report Date: 20-Sep-2013 07:45:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D

Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

77 Toluene



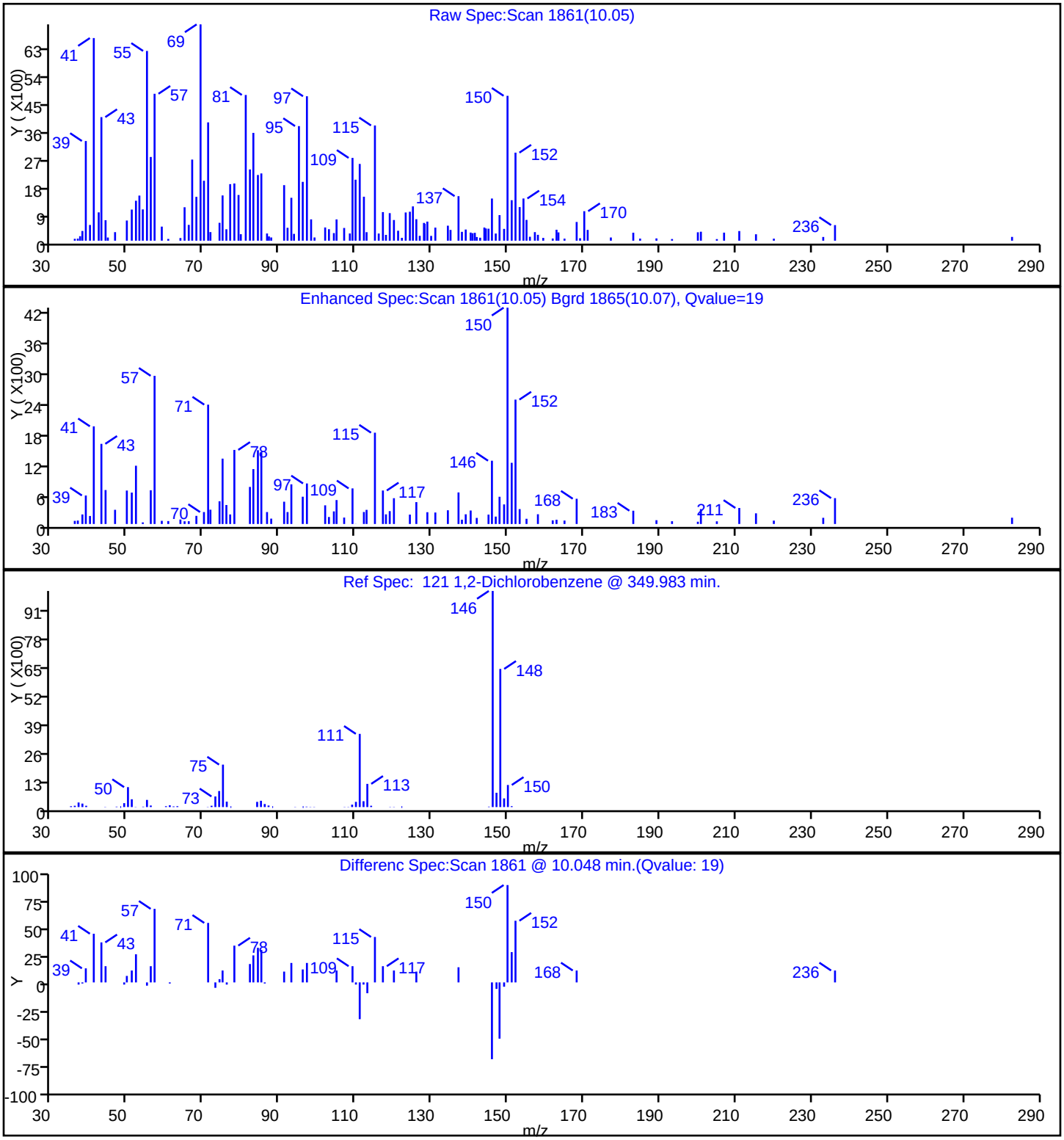
Report Date: 20-Sep-2013 07:45:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D

Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

121 1,2-Dichlorobenzene

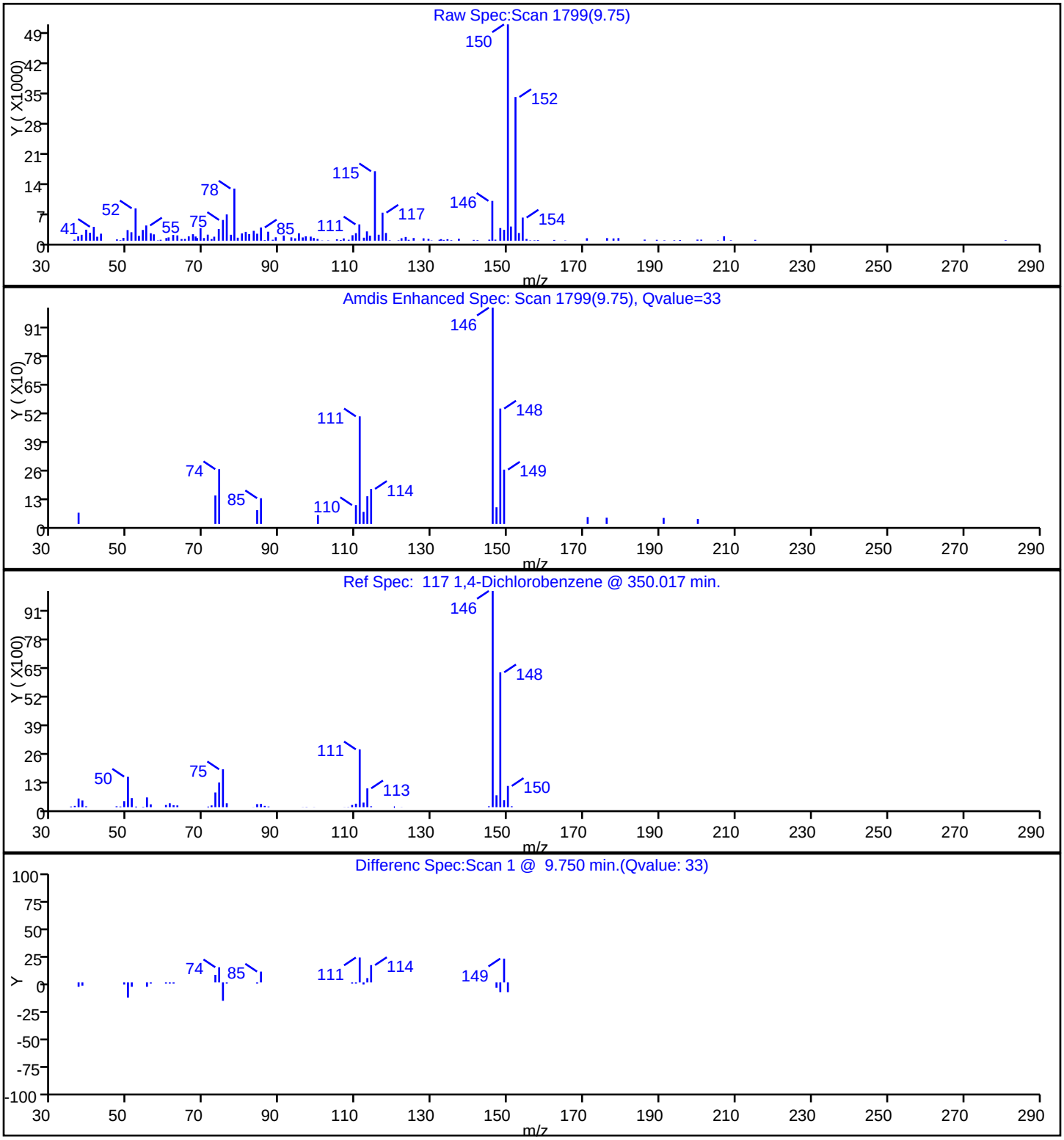


Report Date: 20-Sep-2013 07:45:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D		
Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



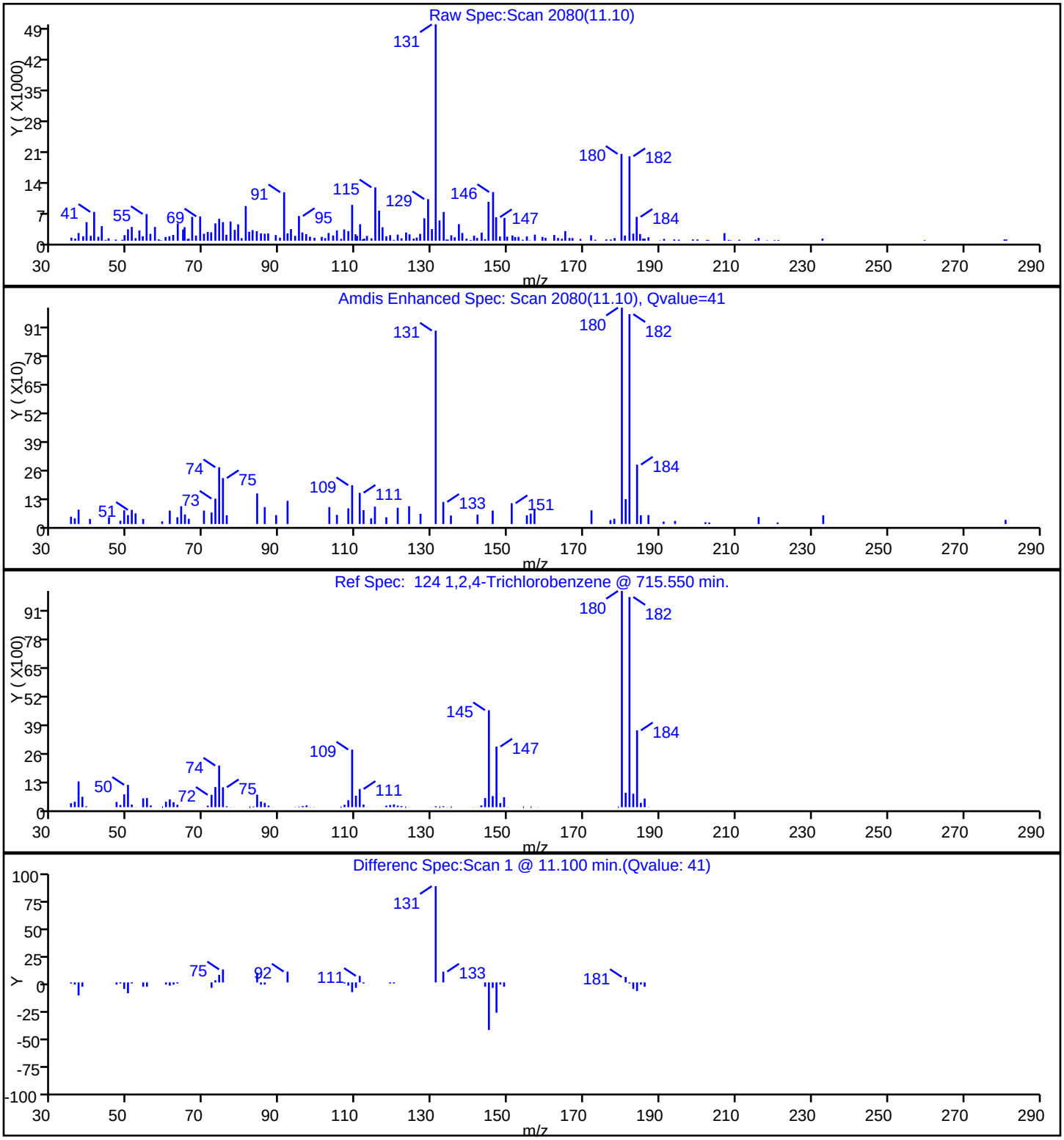
Report Date: 20-Sep-2013 07:45:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D

Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



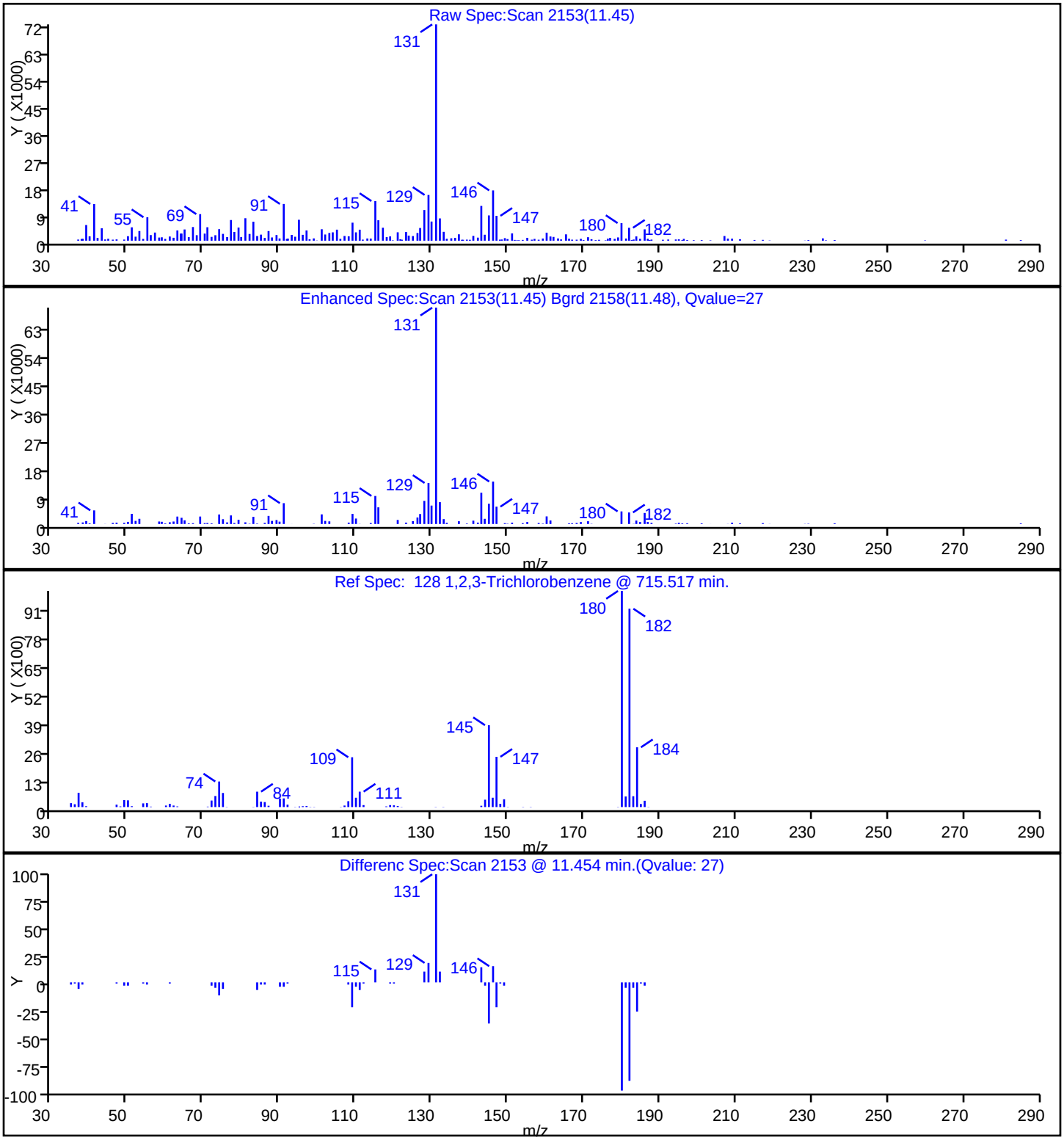
Report Date: 20-Sep-2013 07:45:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D

Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

128 1,2,3-Trichlorobenzene



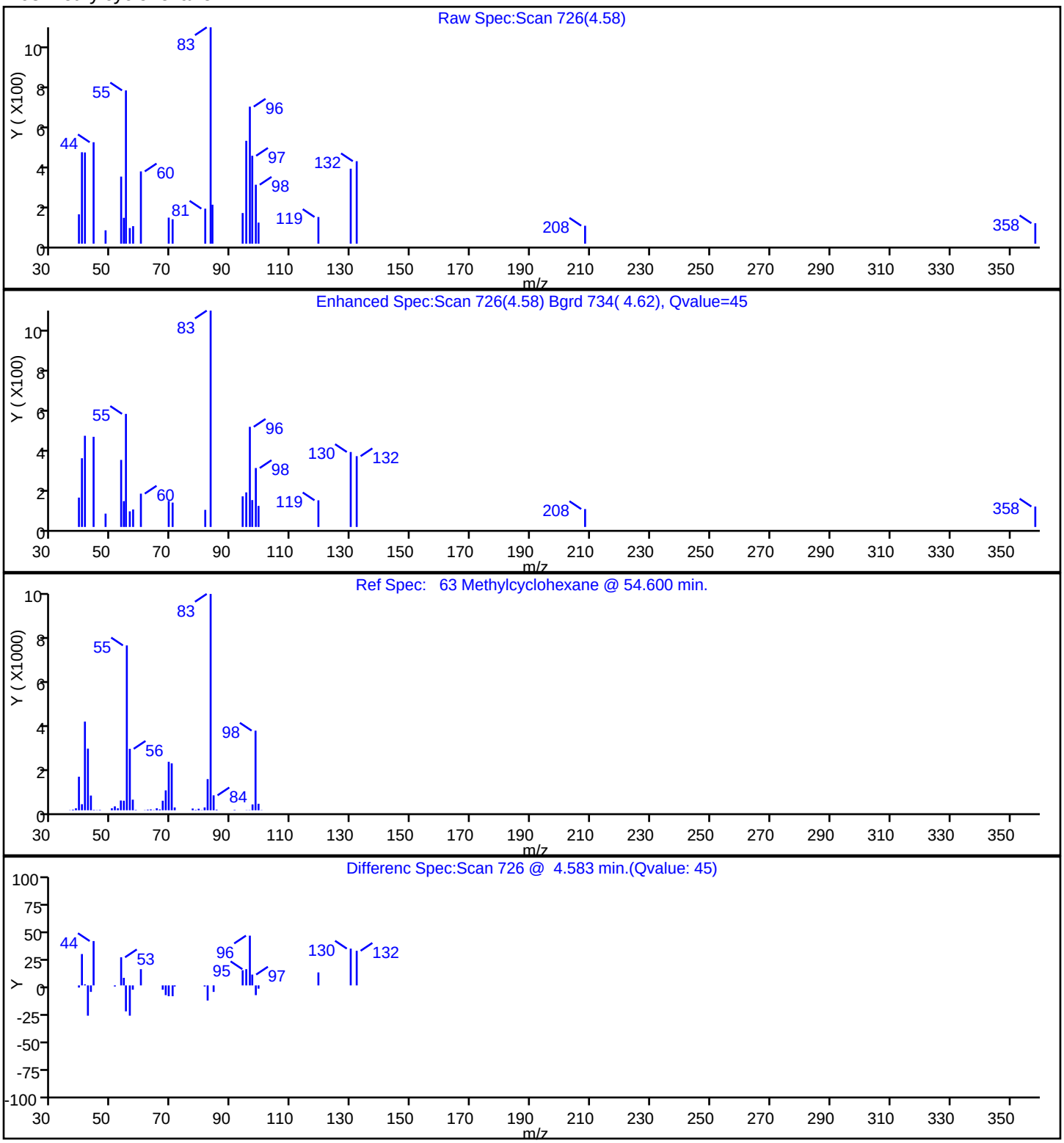
Report Date: 20-Sep-2013 07:45:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D

Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

63 Methylcyclohexane



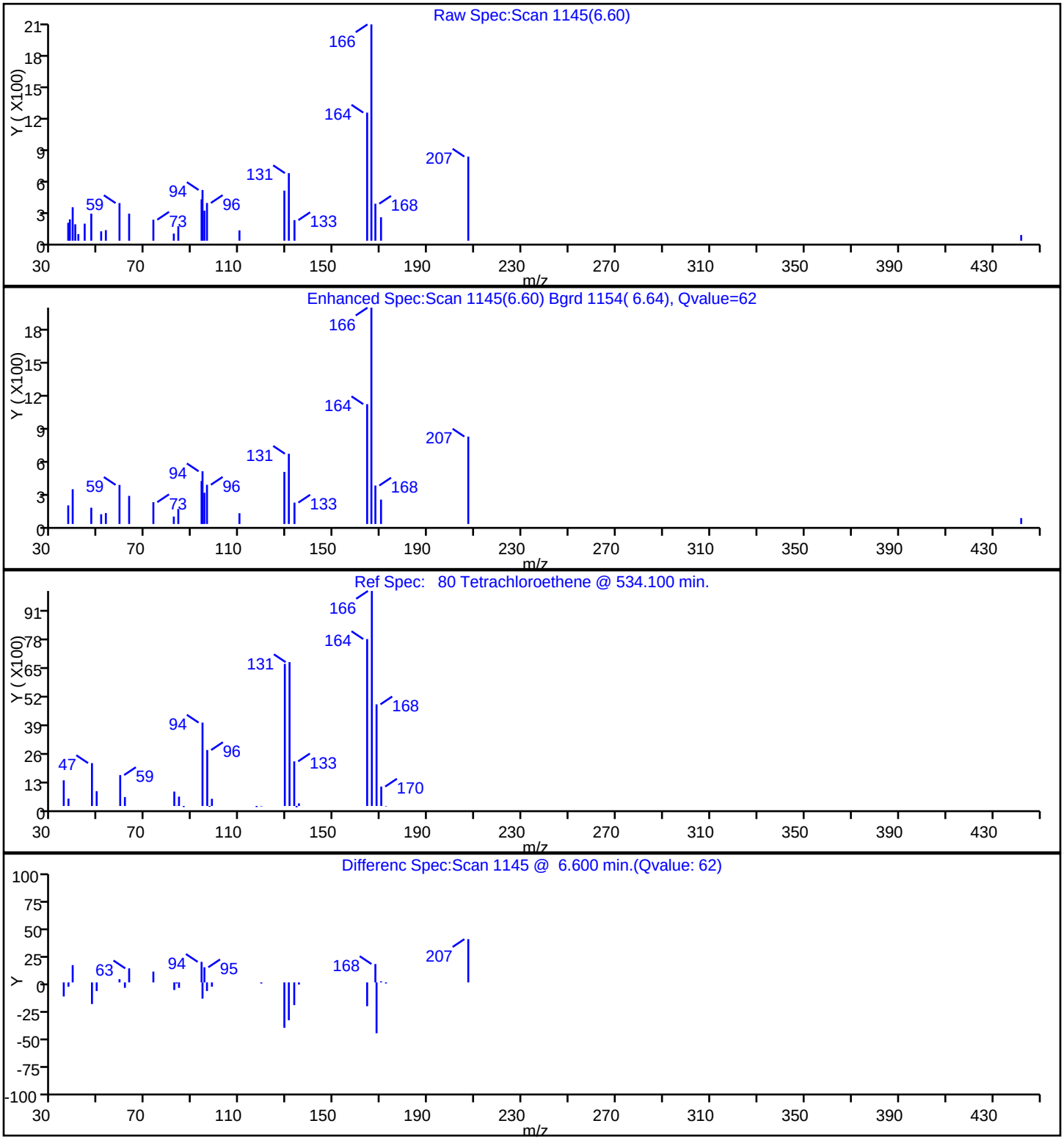
Report Date: 20-Sep-2013 07:45:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D

Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene



Manual Integration/User Assign Peak Report

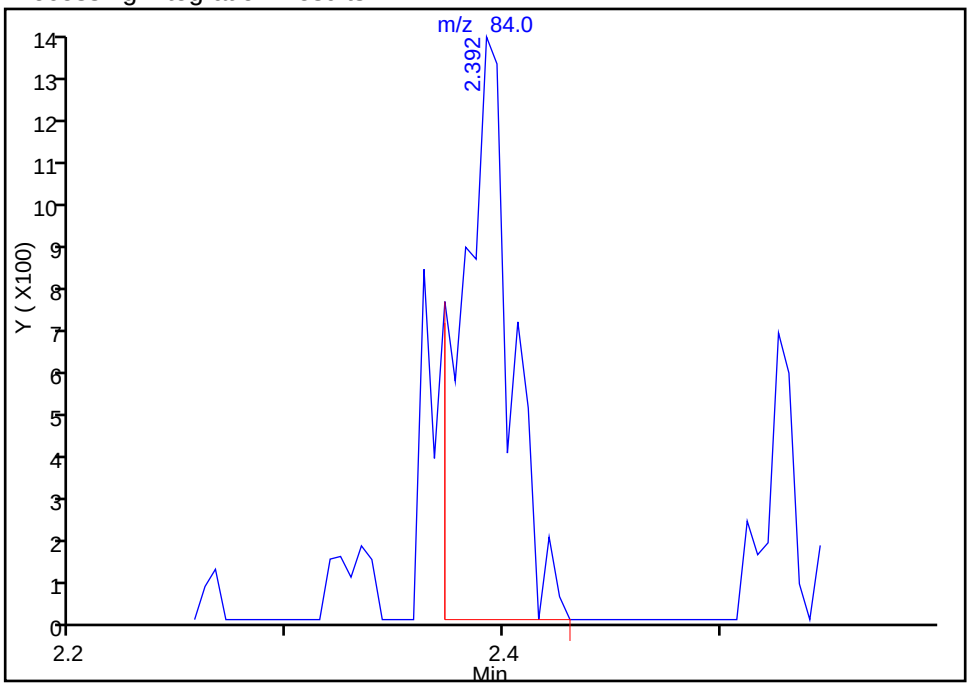
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D		
Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

25 Methylene Chloride, Signal: 1, m/z: 84.0 Type: quant, RT: 2.39

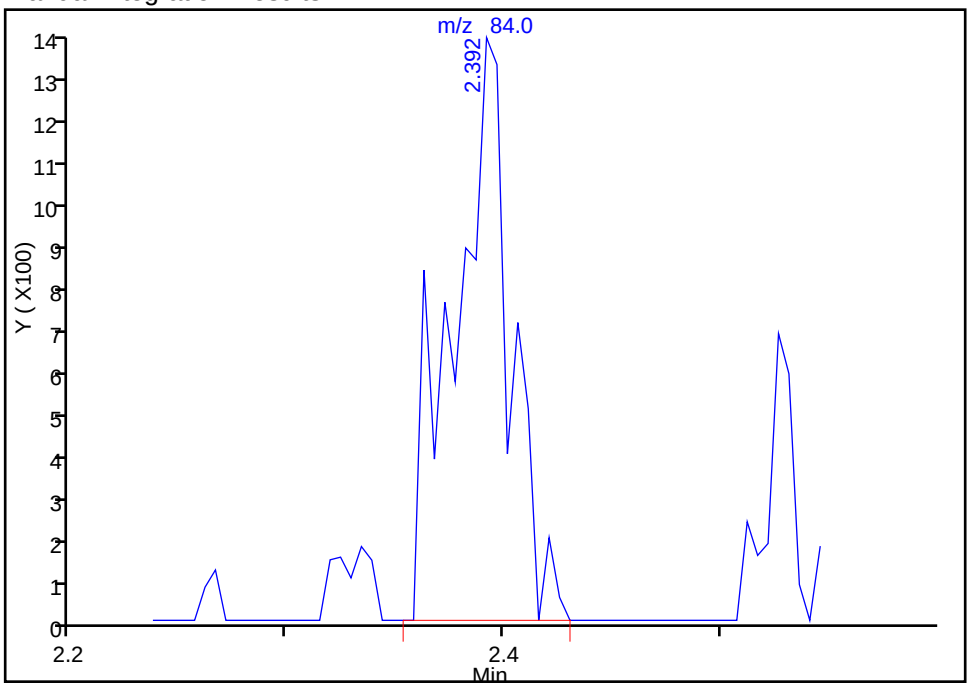
Processing Integration Results

RT: 2.39
Response: 2099
Amount: 0.457257



Manual Integration Results

RT: 2.39
Response: 2434
Amount: 0.530235



Reviewer: delpolitov, 20-Sep-2013 07:44:14
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

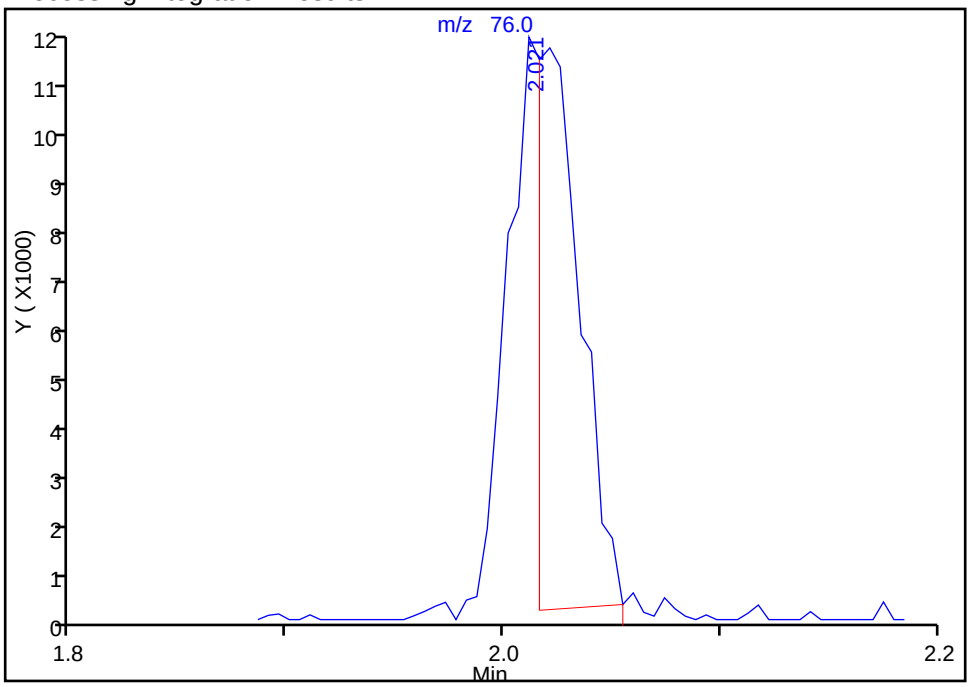
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D		
Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

21 Carbon disulfide, Signal: 1, m/z: 76.0 Type: quant, RT: 2.02

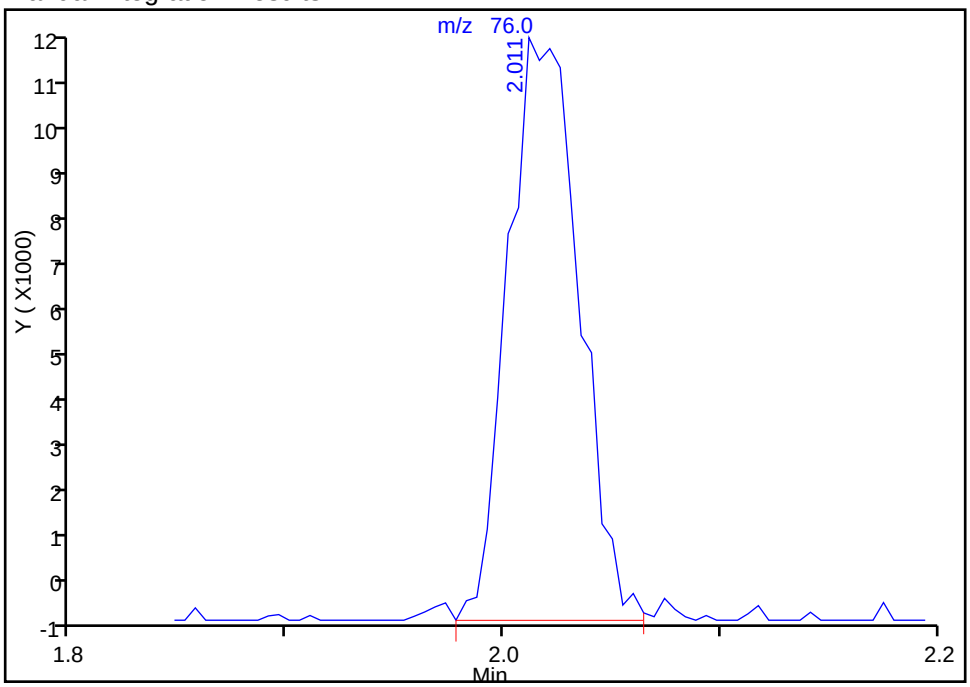
Processing Integration Results

RT: 2.02
Response: 15200
Amount: 0.999547



Manual Integration Results

RT: 2.01
Response: 25644
Amount: 1.686342



Reviewer: delpolitov, 20-Sep-2013 07:44:14
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

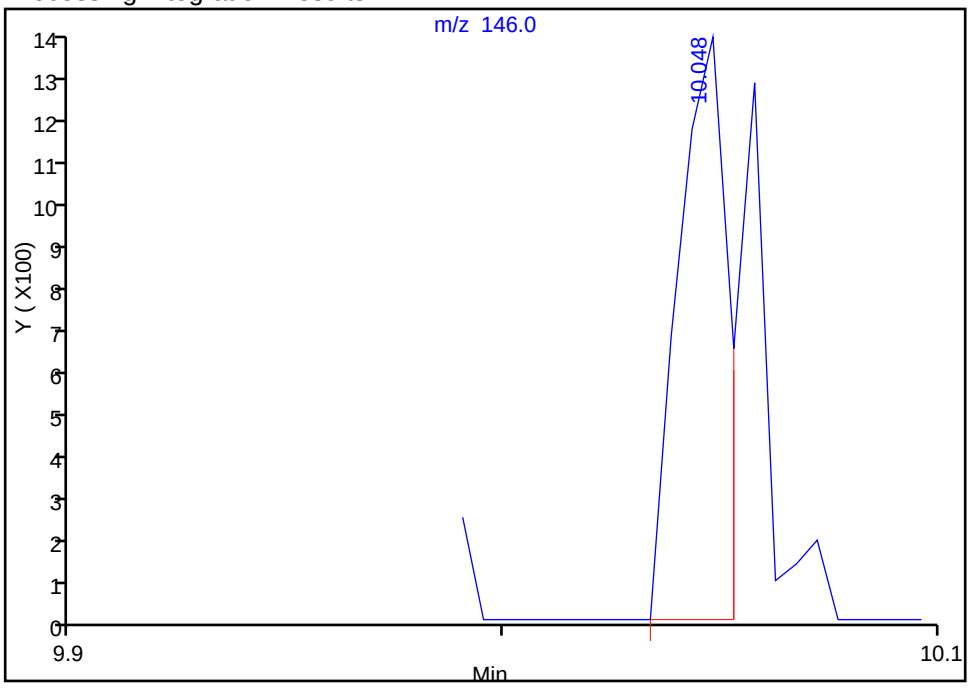
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D		
Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

121 1,2-Dichlorobenzene, Signal: 1, m/z: 146.0 Type: quant, RT: 10.05

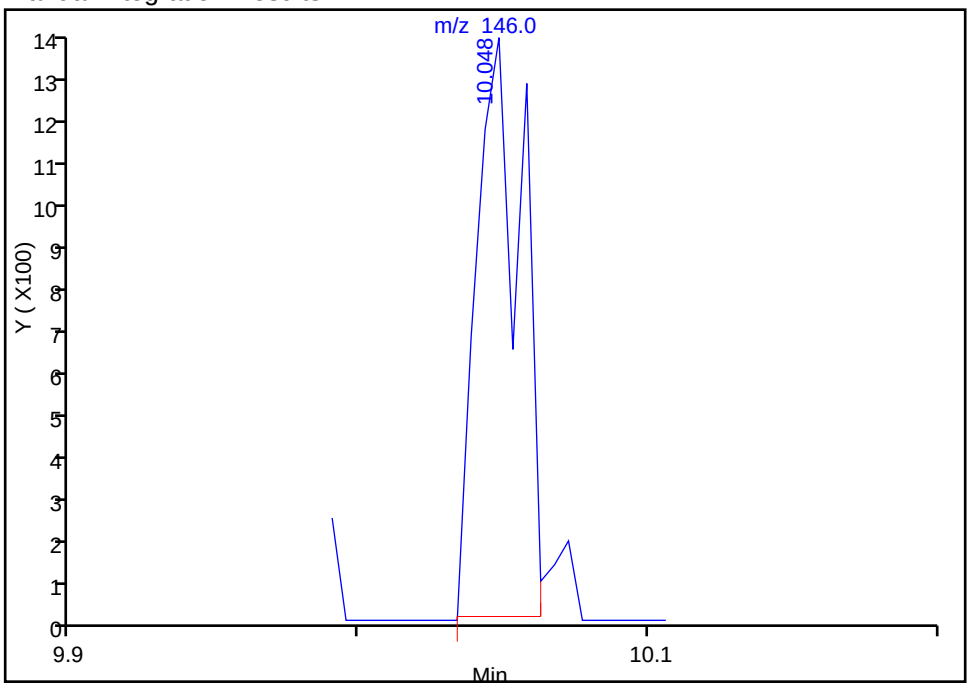
Processing Integration Results

RT: 10.05
Response: 1108
Amount: 0.100830



Manual Integration Results

RT: 10.05
Response: 1481
Amount: 0.134774



Reviewer: delpolitov, 20-Sep-2013 07:45:36
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

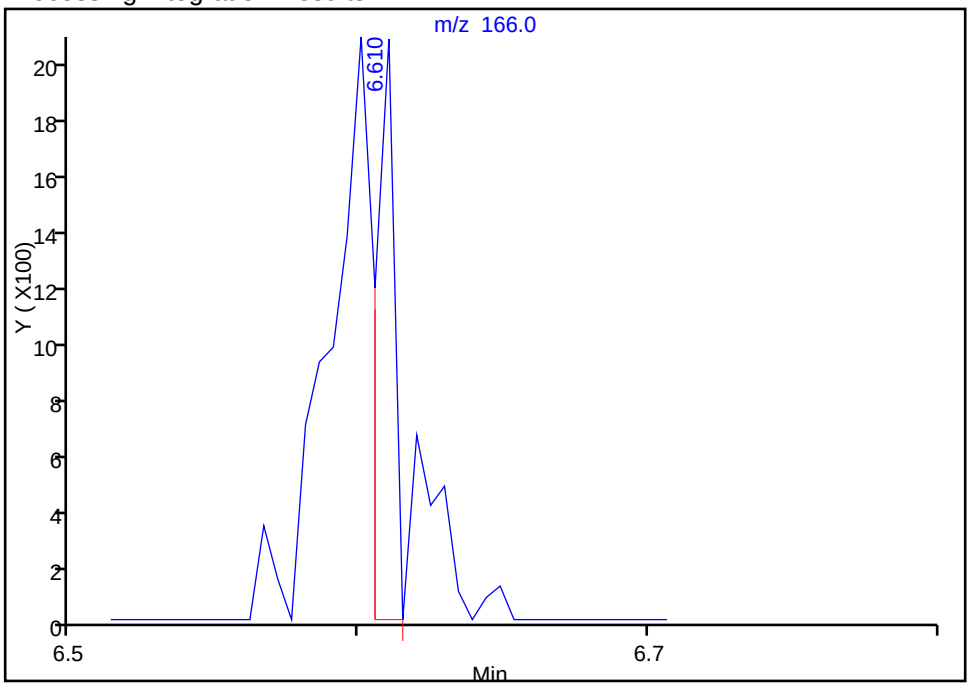
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D		
Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene, Signal: 1, m/z: 166.0 Type: quant, RT: 6.61

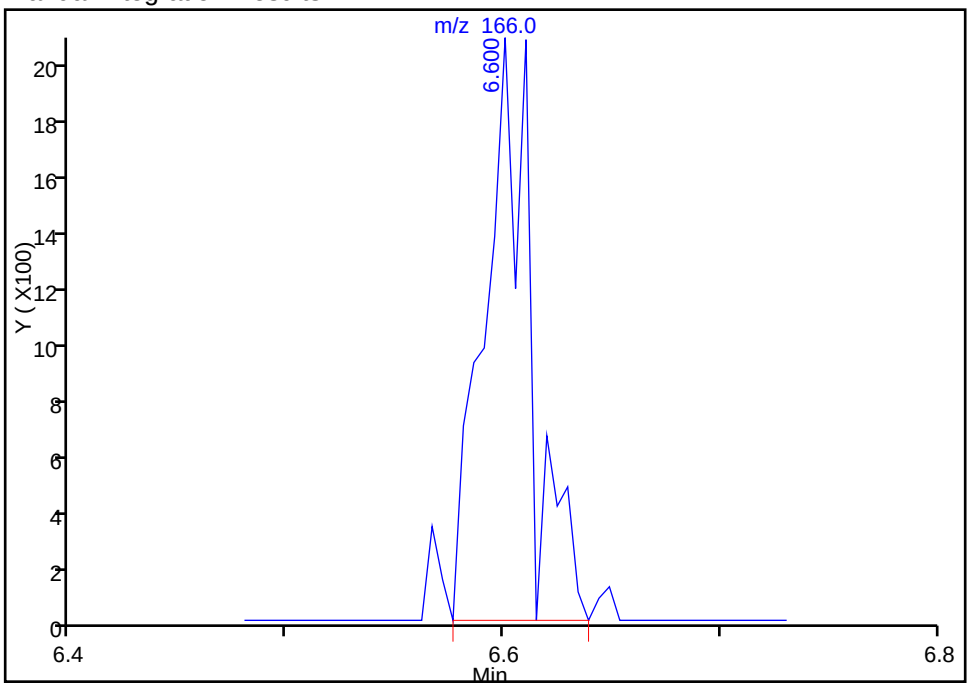
Processing Integration Results

RT: 6.61
Response: 917
Amount: 0.152646



Manual Integration Results

RT: 6.60
Response: 3085
Amount: 0.513536



Reviewer: delpolitov, 20-Sep-2013 07:44:14
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

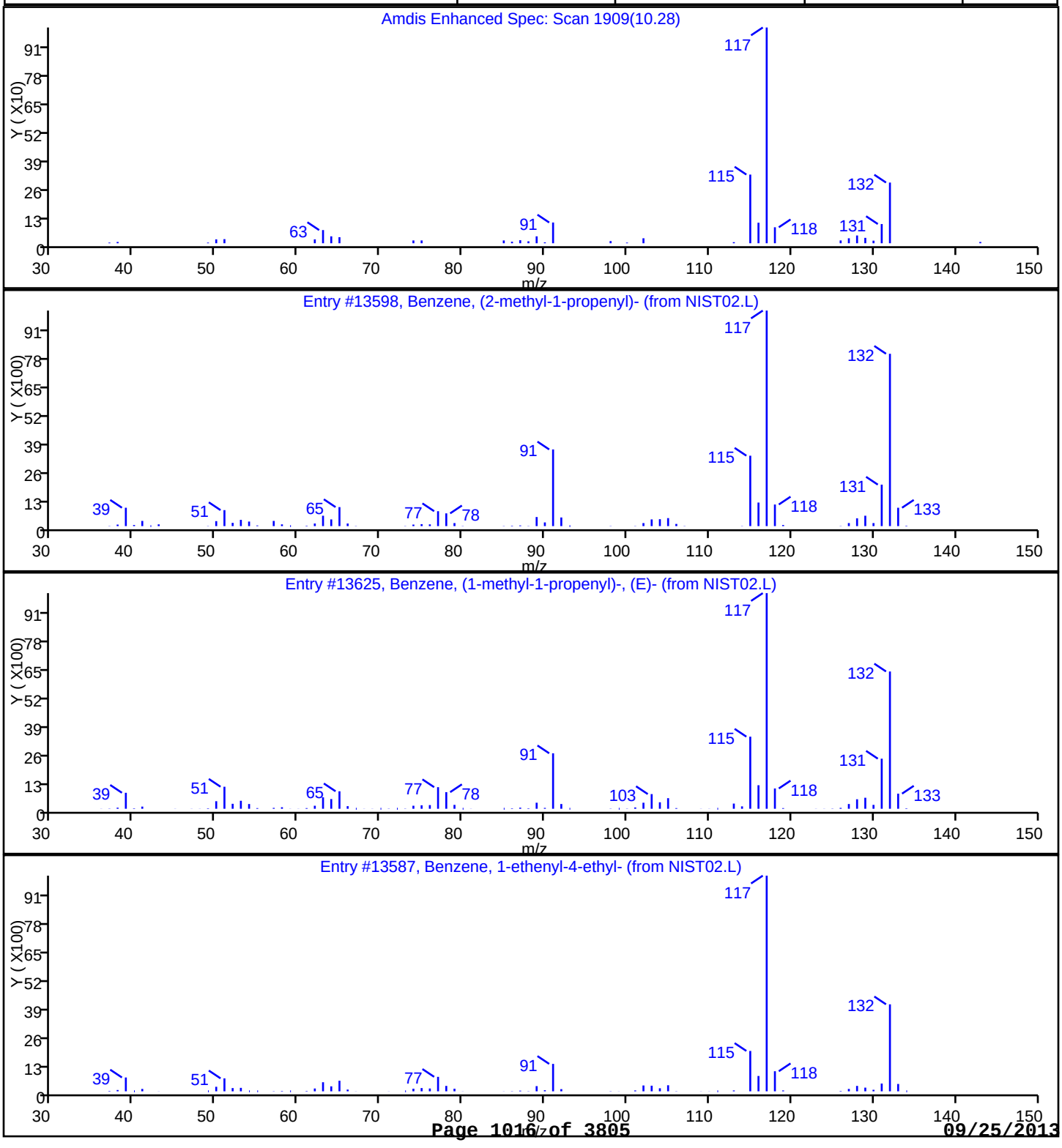
Report Date: 20-Sep-2013 07:45:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D

Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
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	13598	86
Benzene, (1-methyl-1-propenyl)-, (E)-	768-00-3	NIST02.L	13625	86
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.L	13587	80



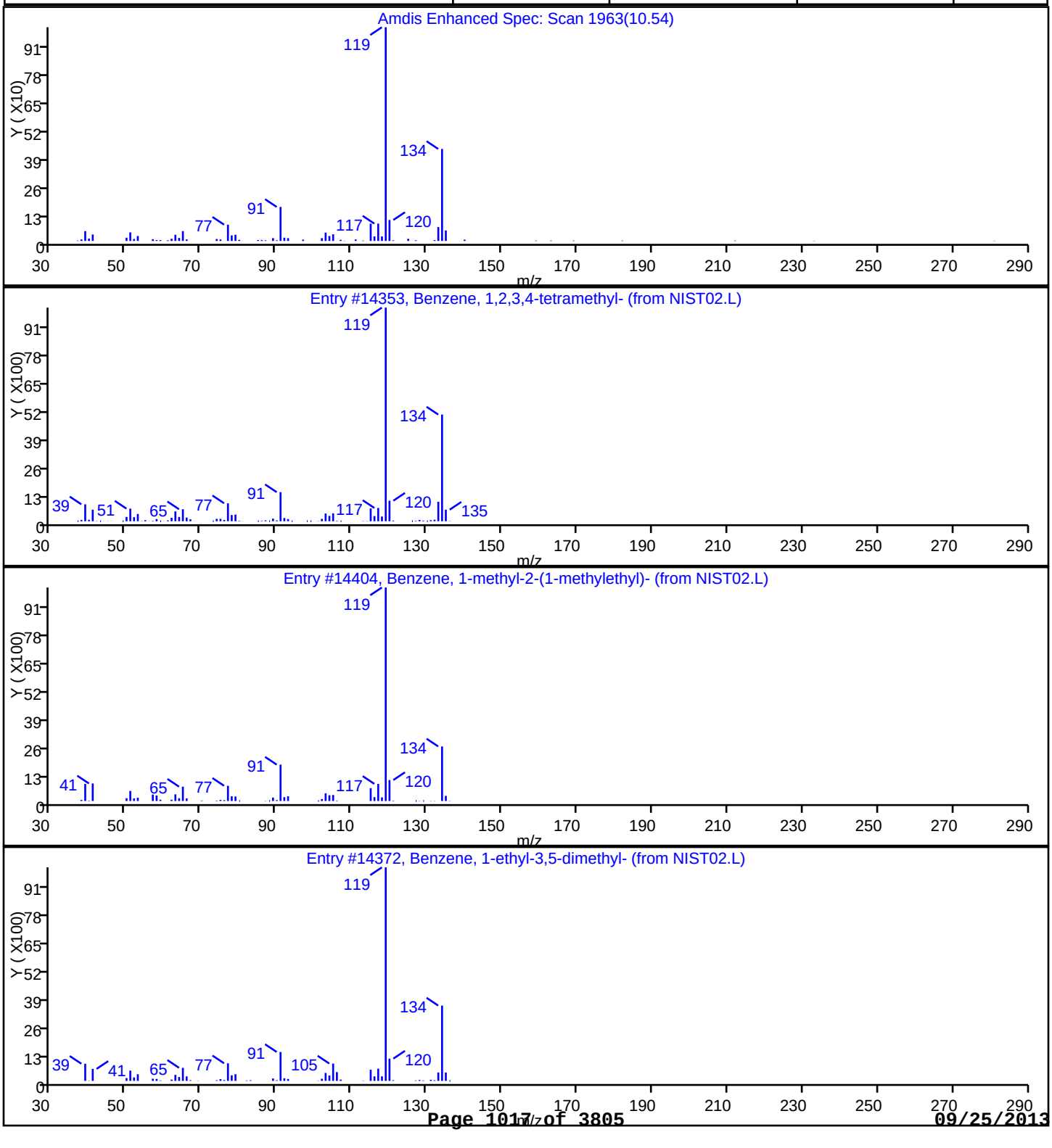
Report Date: 20-Sep-2013 07:45:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D

Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
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, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14353	95
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14404	95
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.L	14372	94



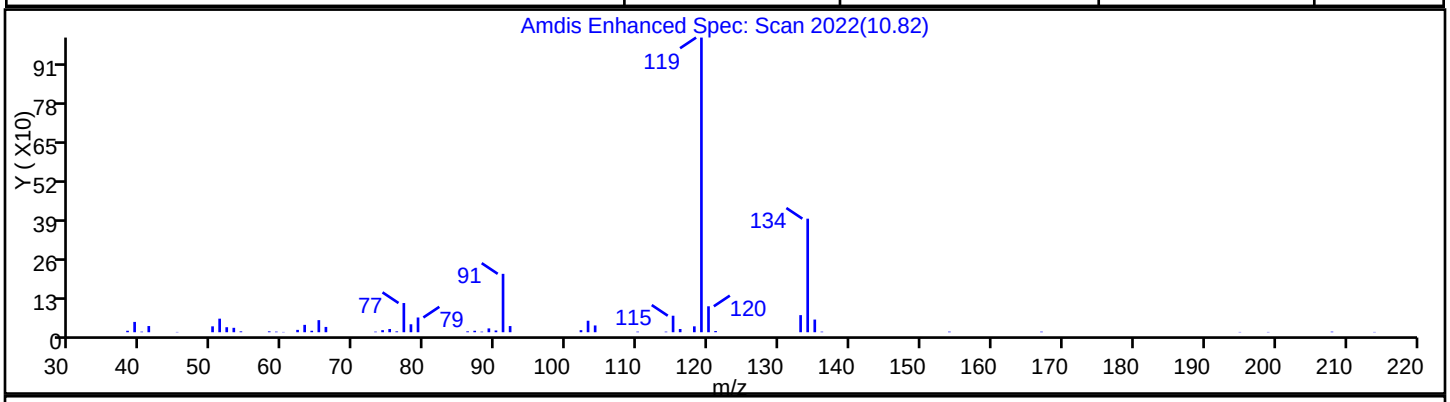
Report Date: 20-Sep-2013 07:45:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

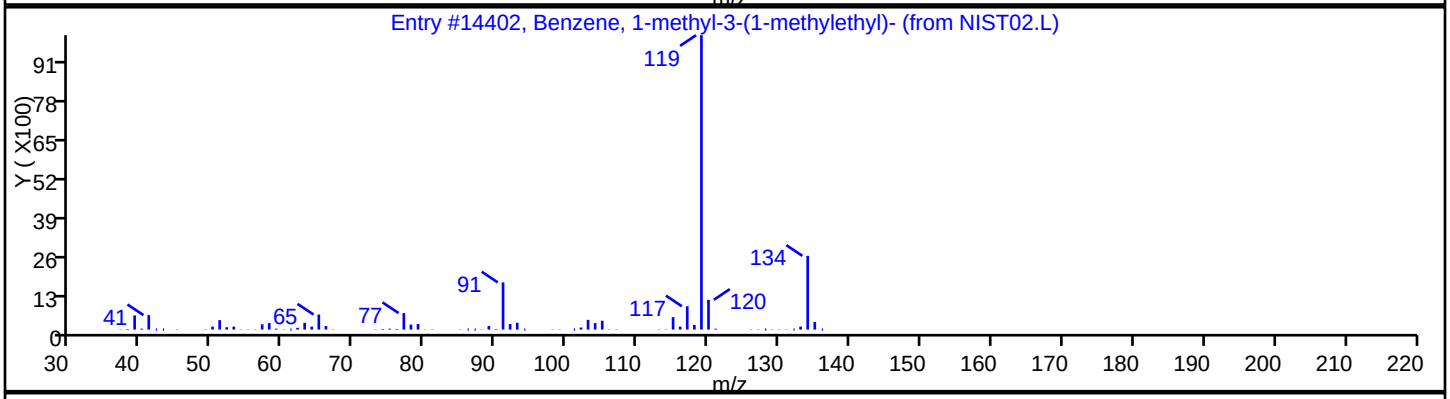
TestAmerica Edison

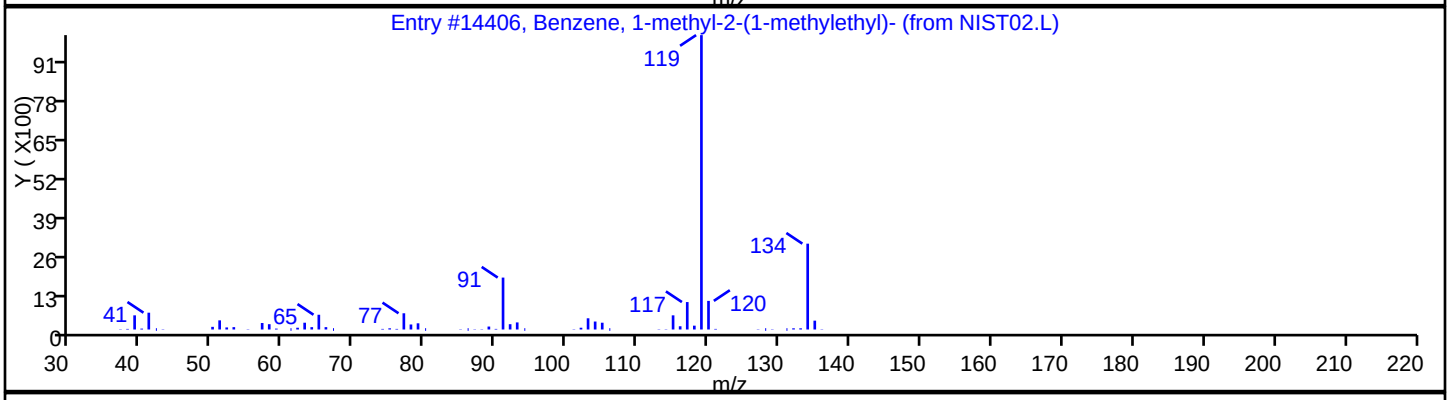
Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D

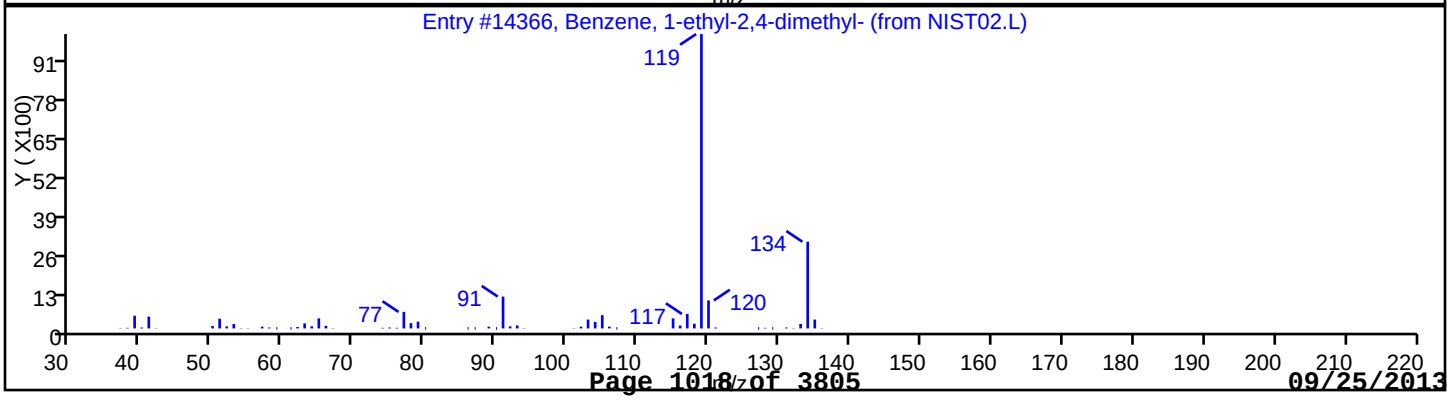
Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.L	14402	94
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14406	91
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.L	14366	91









TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D

Injection Date: 19-Sep-2013 19:10:30 Limit Group: VOA - 8260B Water and Solid

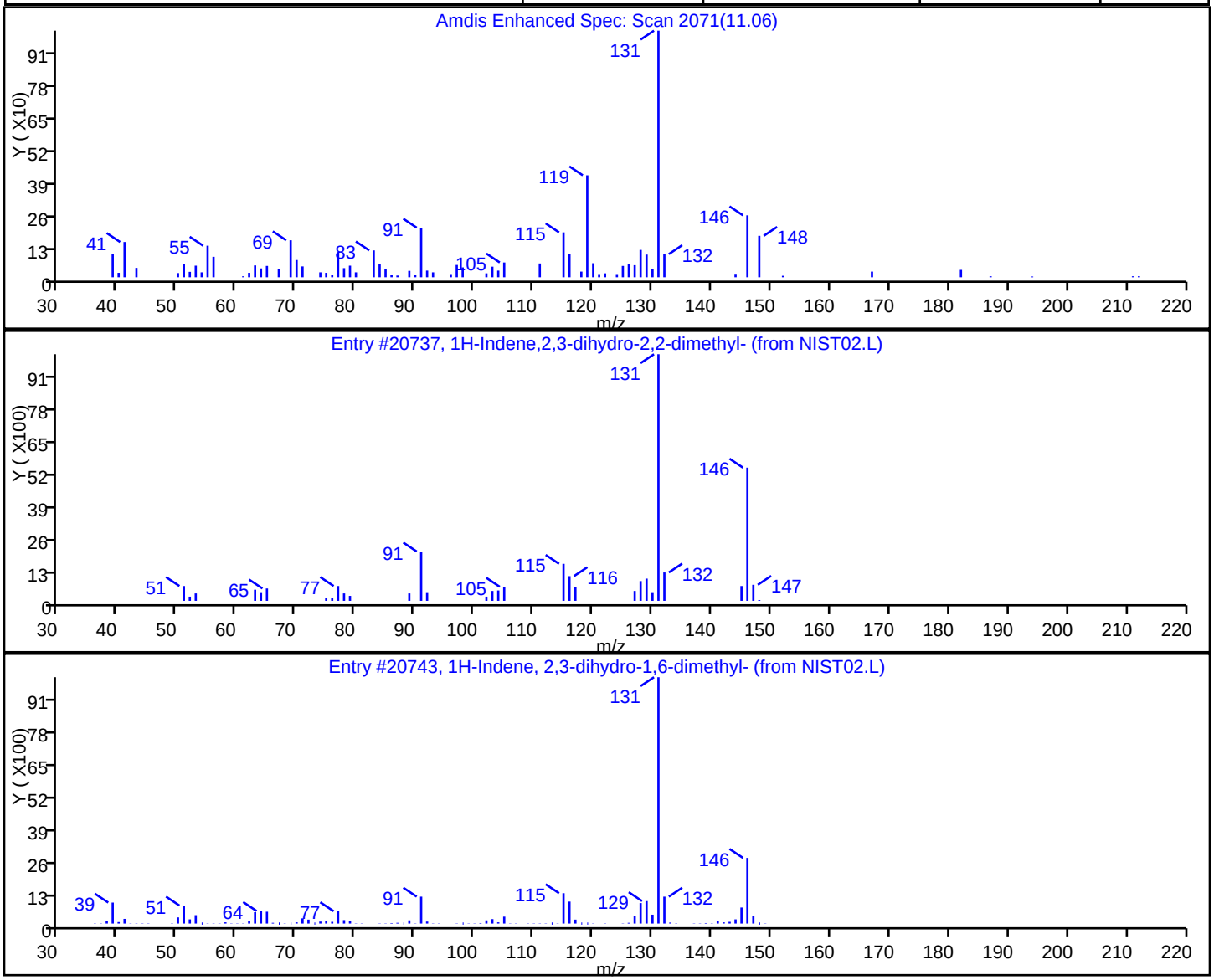
Client ID: PMP-17SE-SI Instrument ID: CVOAMS4

Lims Batch ID: 182221 Lims Sample ID: 16

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	70
1H-Indene, 2,3-dihydro-1,6-dimethyl-	17059-48-2	NIST02.L	20743	70



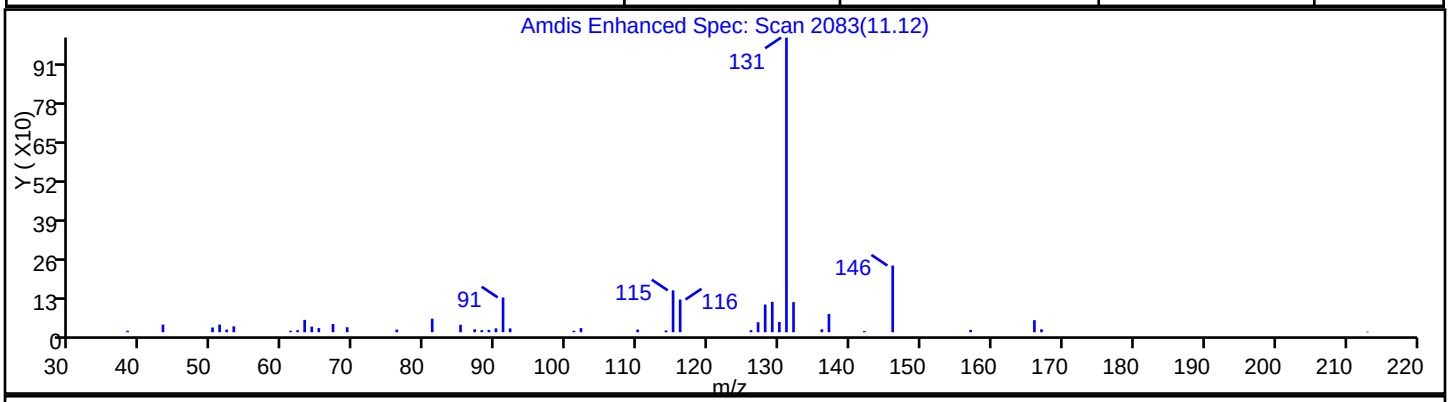
Report Date: 20-Sep-2013 07:45:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

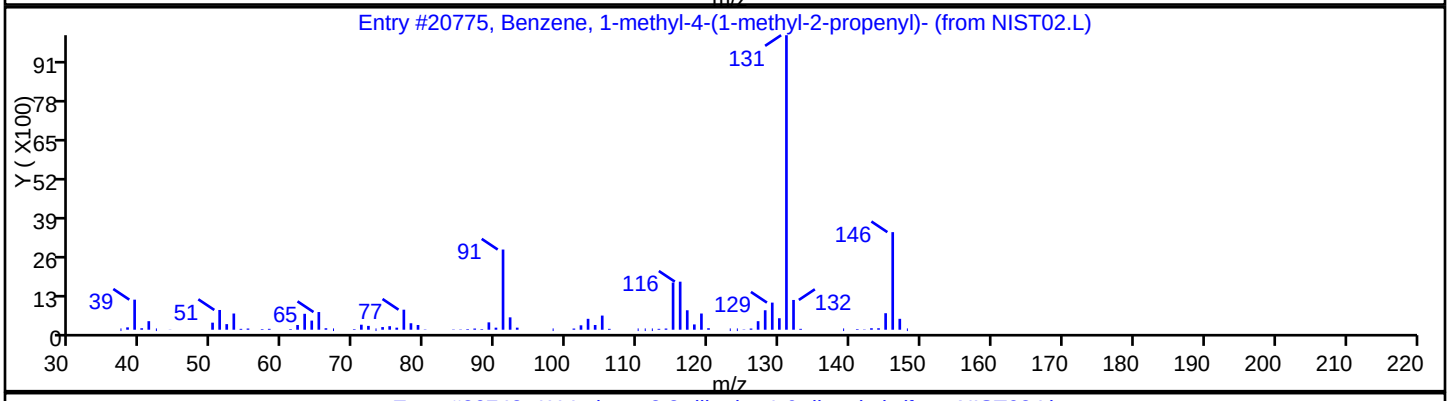
TestAmerica Edison

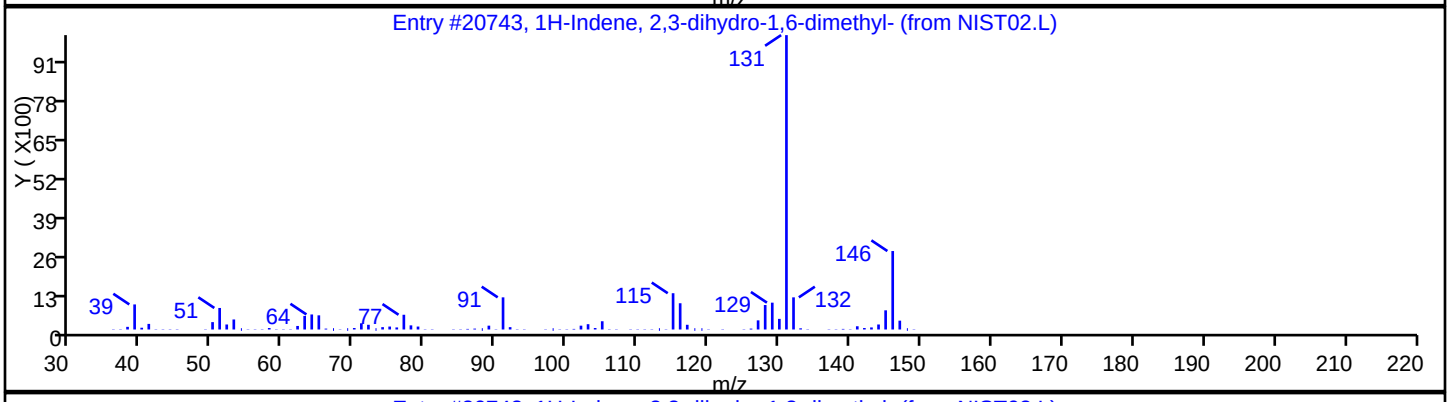
Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D

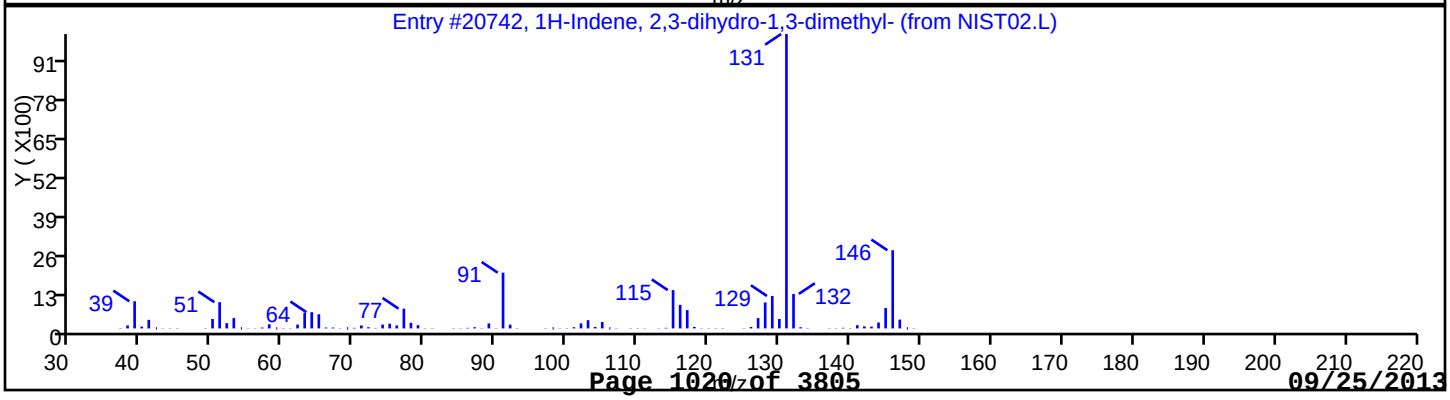
Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-4-(1-methyl-2-propenyl	97664-18-1	NIST02.L	20775	90
1H-Indene, 2,3-dihydro-1,6-dimethyl-	17059-48-2	NIST02.L	20743	90
1H-Indene, 2,3-dihydro-1,3-dimethyl-	4175-53-5	NIST02.L	20742	87









Report Date: 20-Sep-2013 07:45:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D

Injection Date: 19-Sep-2013 19:10:30 Limit Group: VOA - 8260B Water and Solid

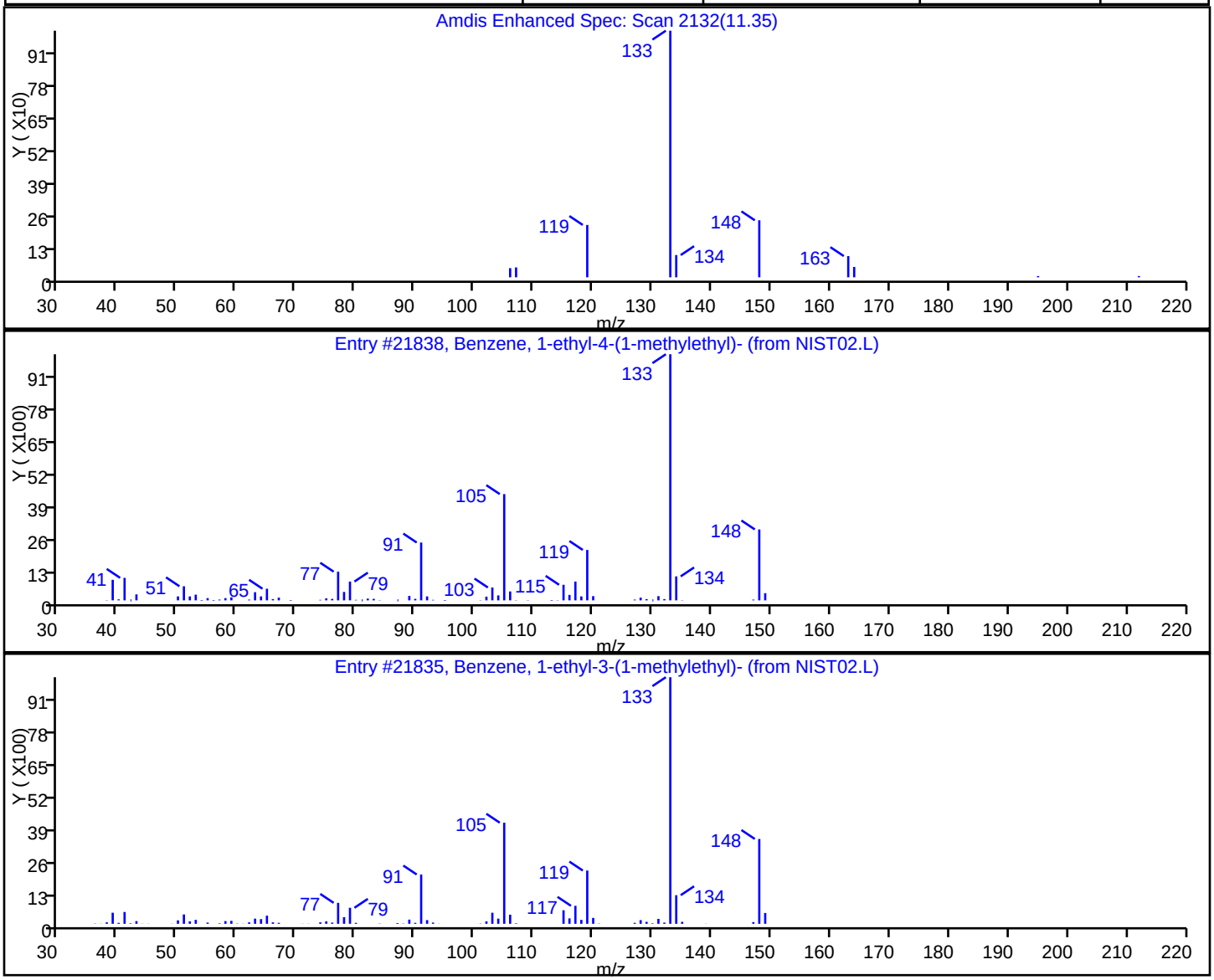
Client ID: PMP-17SE-SI Instrument ID: CVOAMS4

Lims Batch ID: 182221 Lims Sample ID: 16

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-4-(1-methylethyl)-	4218-48-8	NIST02.L	21838	78
Benzene, 1-ethyl-3-(1-methylethyl)-	4920-99-4	NIST02.L	21835	78



Report Date: 20-Sep-2013 07:45:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D

Injection Date: 19-Sep-2013 19:10:30 Limit Group: VOA - 8260B Water and Solid

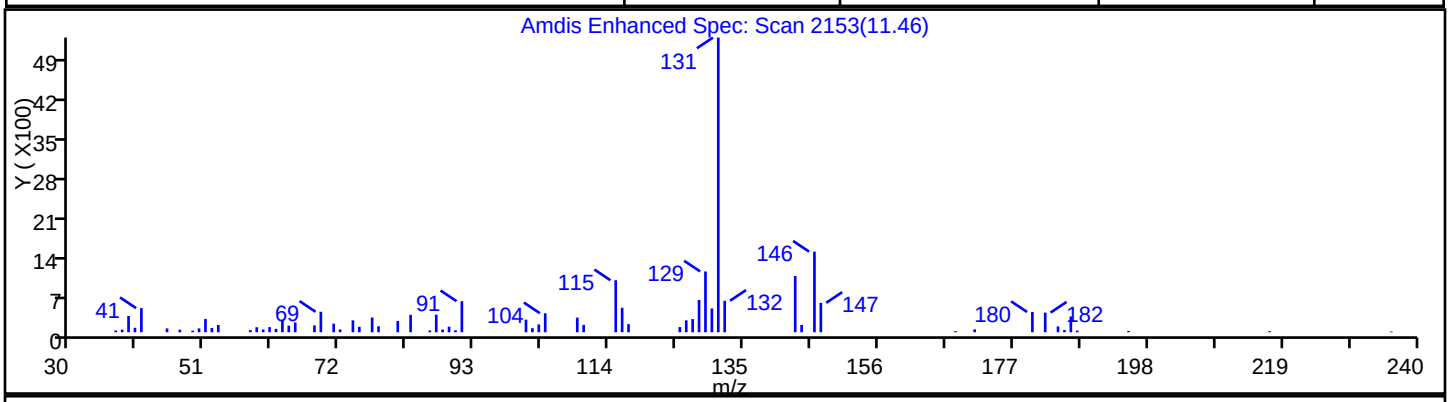
Client ID: PMP-17SE-SI Instrument ID: CVOAMS4

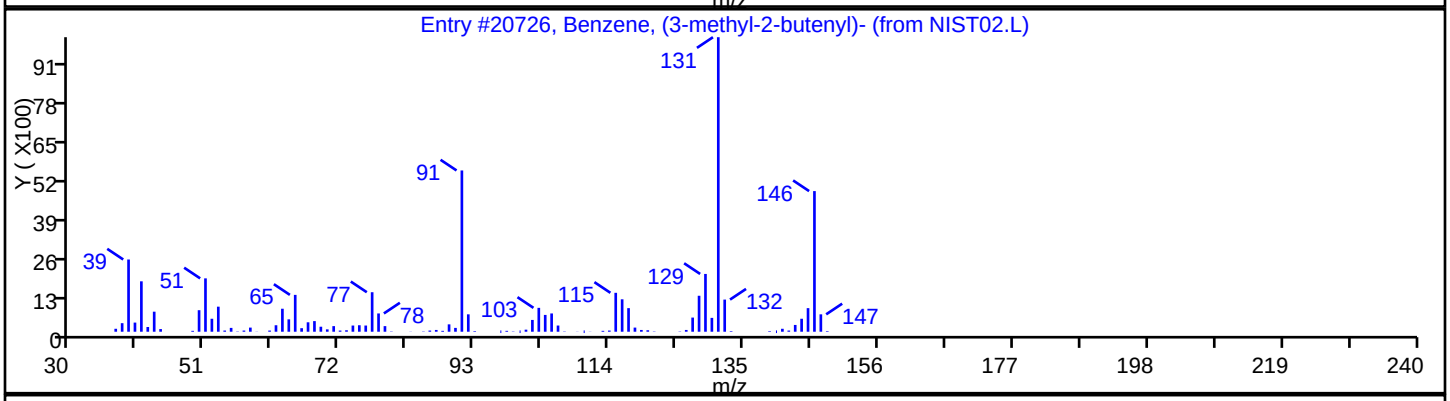
Lims Batch ID: 182221 Lims Sample ID: 16

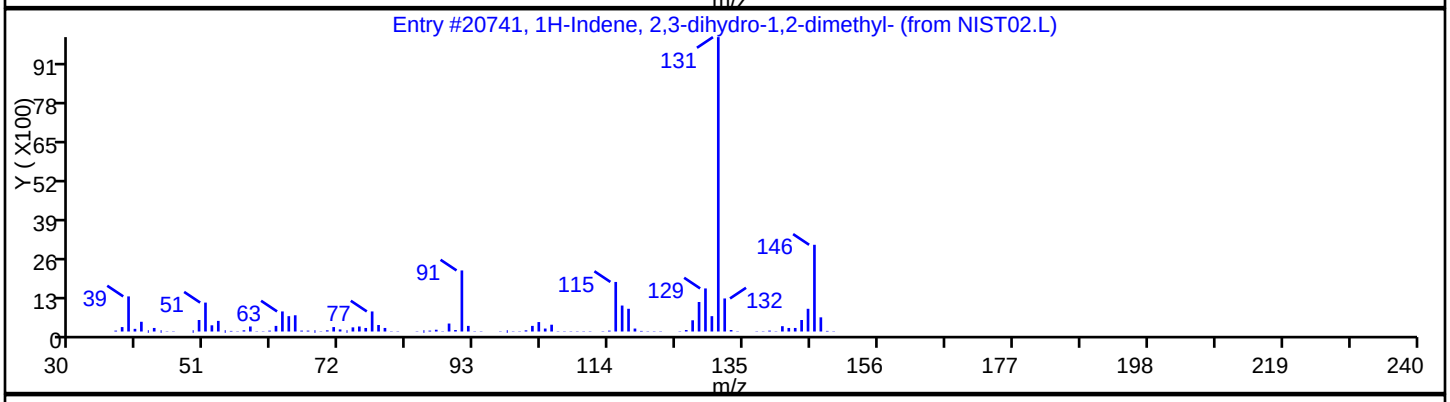
Operator ID: Purge Vol: 5.000 mL

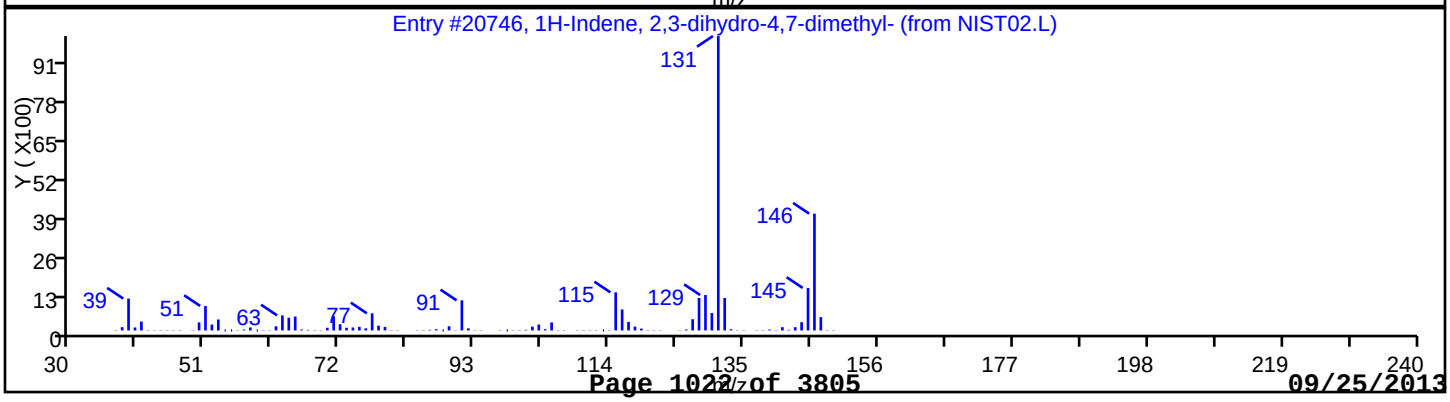
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, (3-methyl-2-butenyl)-	4489-84-3	NIST02.L	20726	76
1H-Indene, 2,3-dihydro-1,2-dimethyl-	17057-82-8	NIST02.L	20741	76
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20746	70









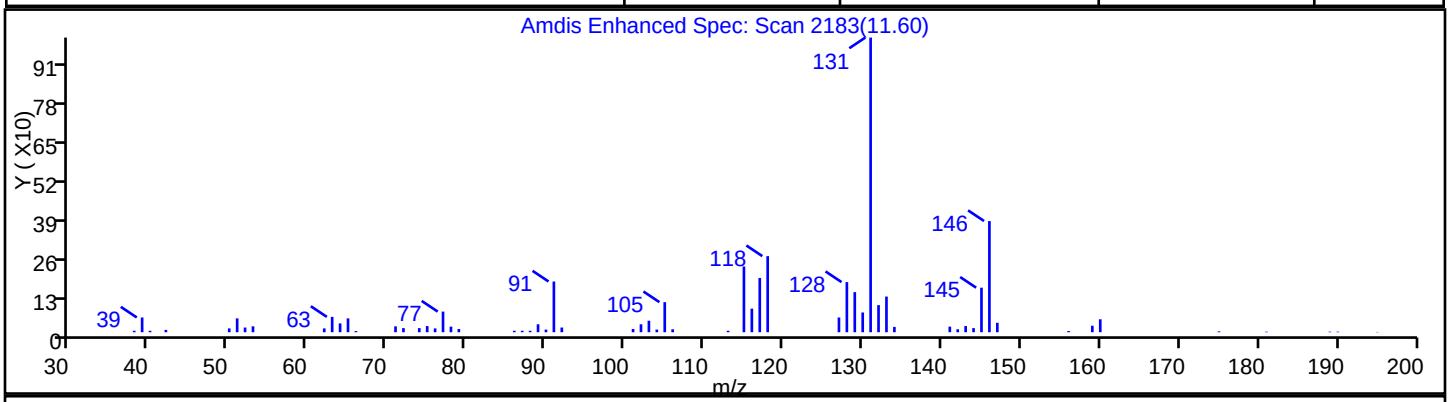
Report Date: 20-Sep-2013 07:45:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

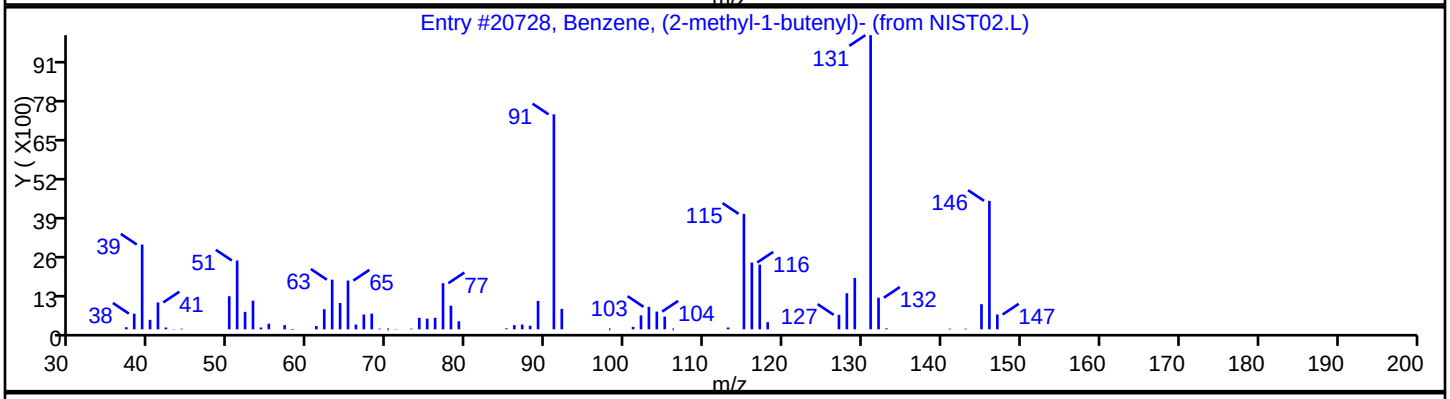
TestAmerica Edison

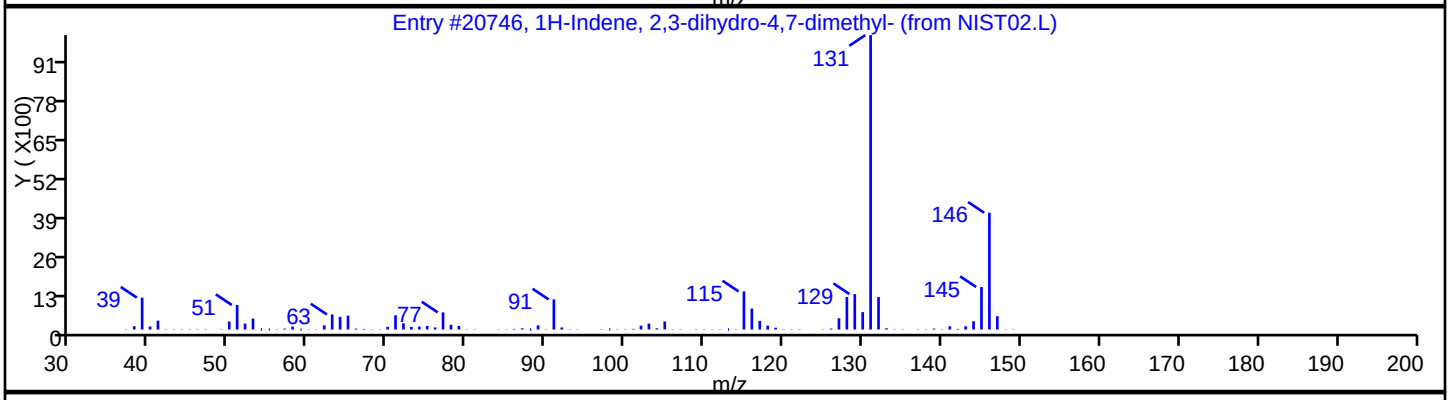
Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D

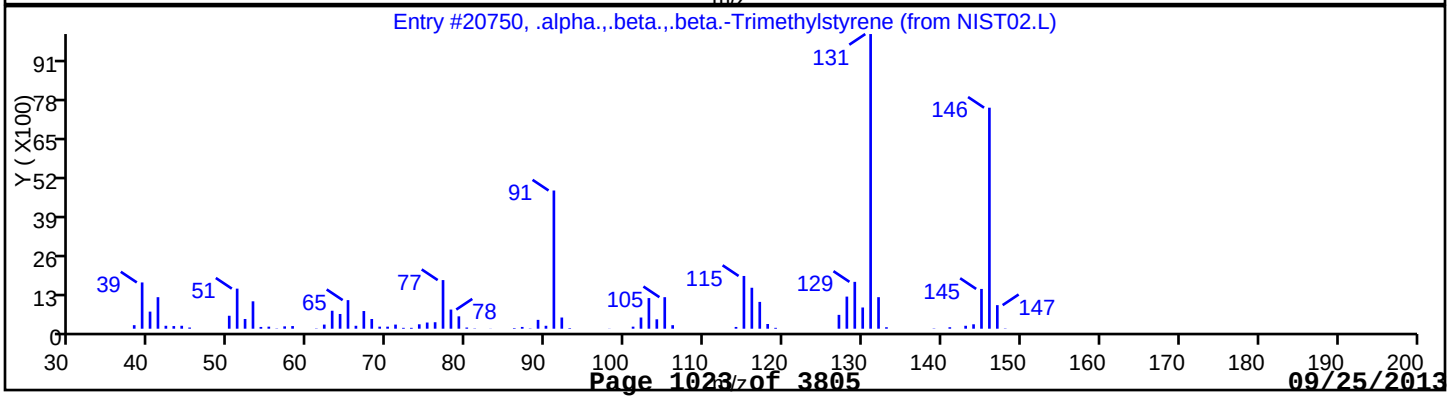
Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.L	20728	80
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20746	76
.alpha.,.beta.,.beta.-Trimethylstyrene	769-57-3	NIST02.L	20750	76









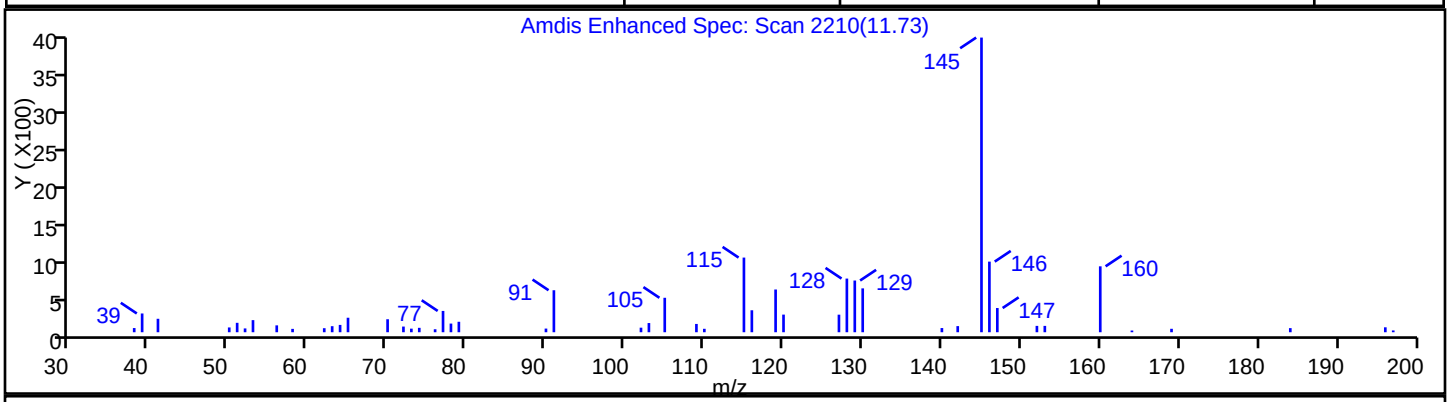
Report Date: 20-Sep-2013 07:45:37 Chrom Revision: 2.1 25-Jul-2013 20:19:50

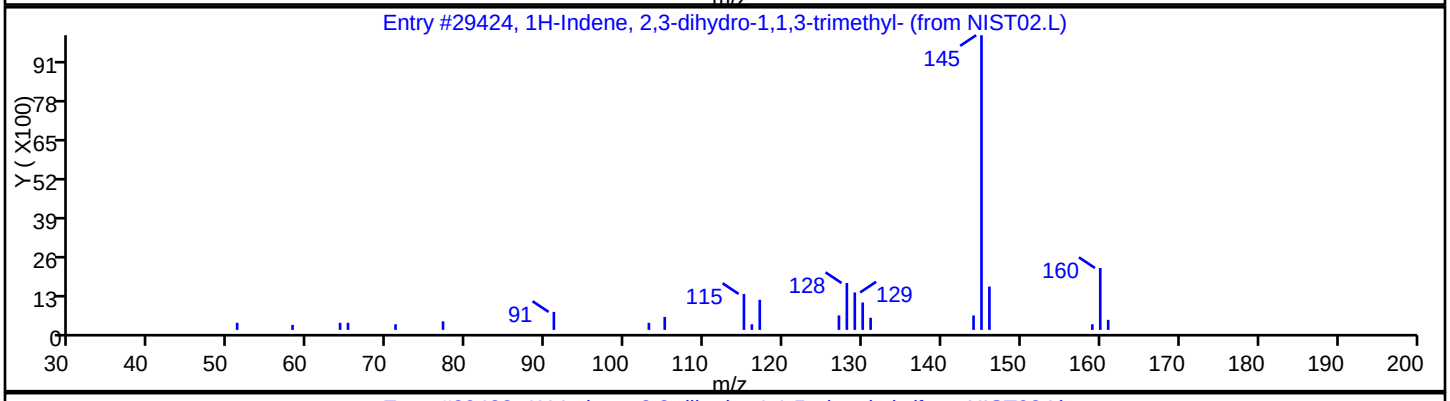
TestAmerica Edison

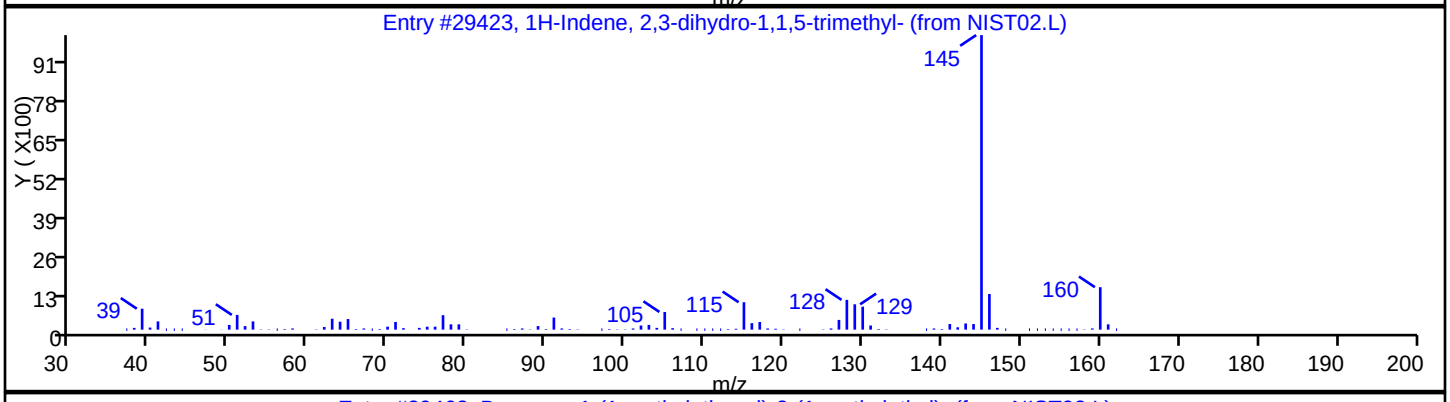
Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D

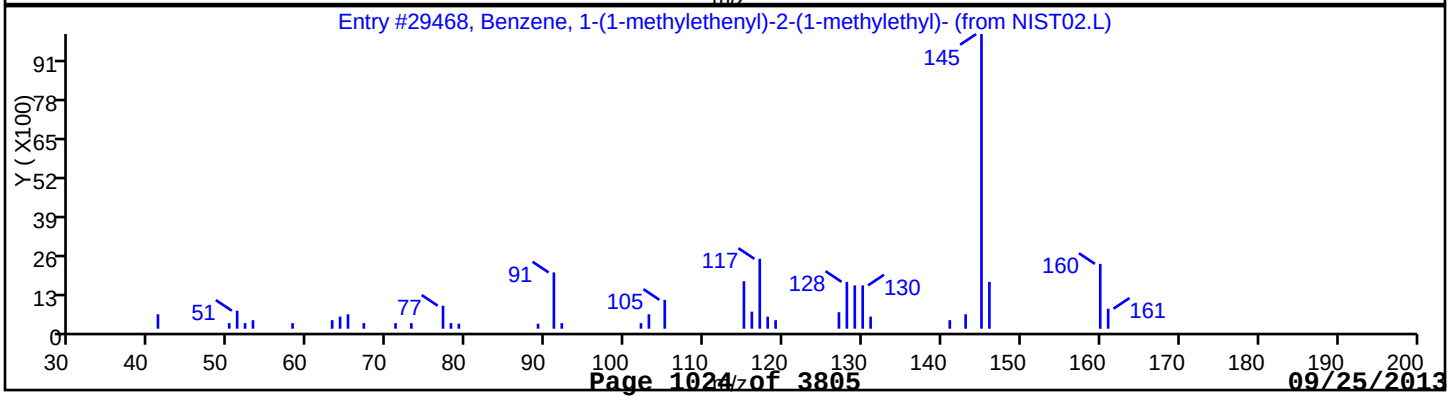
Injection Date:	19-Sep-2013 19:10:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-17SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	16
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	2613-76-5	NIST02.L	29424	80
1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	40650-41-7	NIST02.L	29423	80
Benzene, 1-(1-methylethenyl)-2-(1-methyl	5557-93-7	NIST02.L	29468	74









Report Date: 20-Sep-2013 07:45:37 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363151.D

Injection Date: 19-Sep-2013 19:10:30 Limit Group: VOA - 8260B Water and Solid

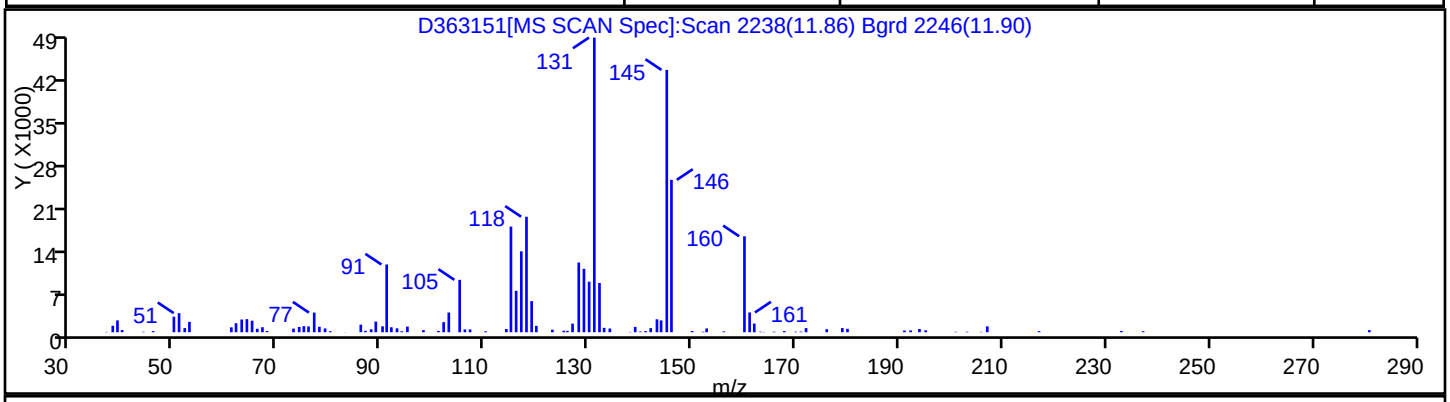
Client ID: PMP-17SE-SI Instrument ID: CVOAMS4

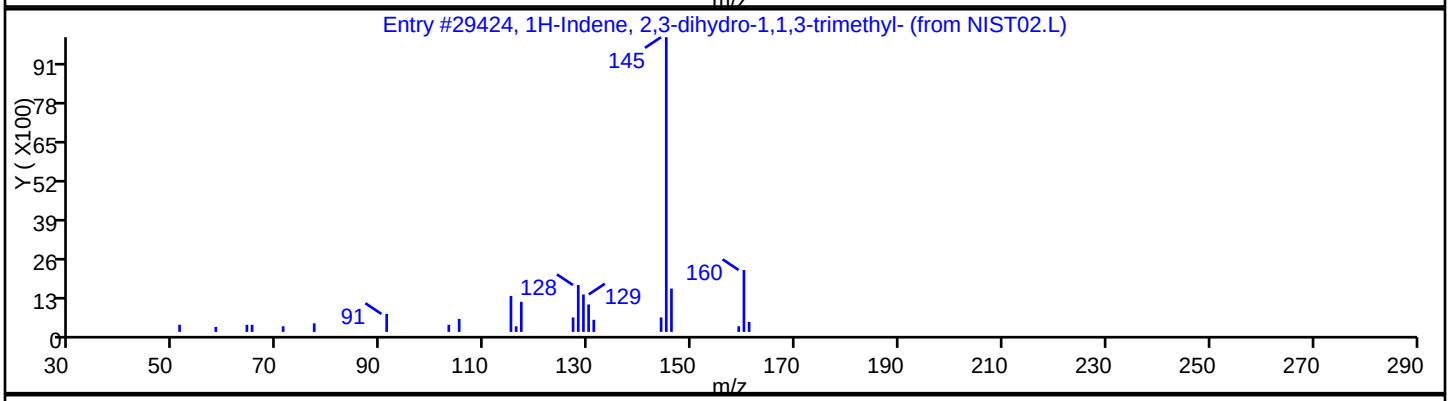
Lims Batch ID: 182221 Lims Sample ID: 16

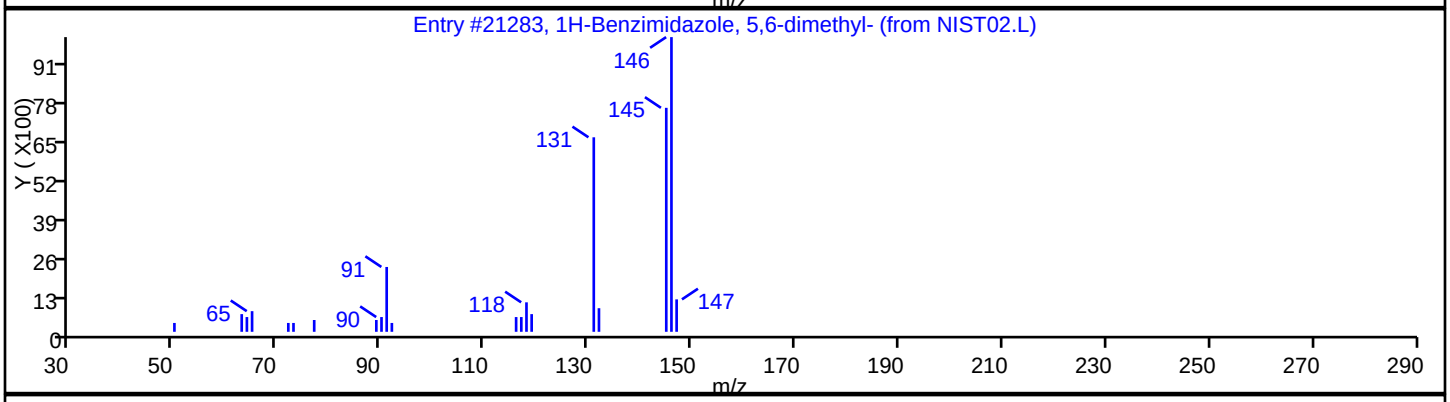
Operator ID: Purge Vol: 5.000 mL

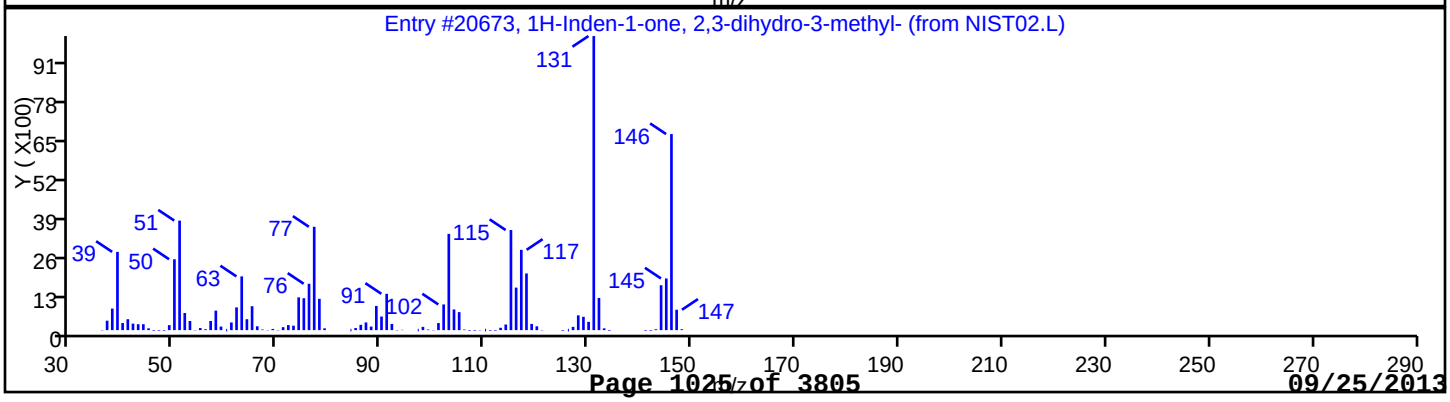
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	2613-76-5	NIST02.L	29424	55
1H-Benzimidazole, 5,6-dimethyl-	582-60-5	NIST02.L	21283	46
1H-Inden-1-one, 2,3-dihydro-3-methyl-	6072-57-7	NIST02.L	20673	43









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-VD | Lab Sample ID: 460-62968-17

Matrix: Solid | Lab File ID: D363152.D

Analysis Method: 8260B | Date Collected: 09/12/2013 11:30

Sample wt/vol: 6.253(g) | Date Analyzed: 09/19/2013 19:34

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.: 182221 | 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-VD | Lab Sample ID: 460-62968-17

Matrix: Solid | Lab File ID: D363152.D

Analysis Method: 8260B | Date Collected: 09/12/2013 11:30

Sample wt/vol: 6.253(g) | Date Analyzed: 09/19/2013 19:34

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.: 182221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.44	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)	91		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	109		70-130
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-VD Lab Sample ID: 460-62968-17

Matrix: Solid Lab File ID: D363152.D

Analysis Method: 8260B Date Collected: 09/12/2013 11:30

Sample wt/vol: 6.253(g) Date Analyzed: 09/19/2013 19:34

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.: 182221 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\CVOAMS4\20130919-4820.b\D363152.D		
Lims ID:	460-62968-B-17-A	Client ID:	PMP-16SE-VD
Inject. Date:	19-Sep-2013 19:34:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-B-17-A		
Misc. Info.:	460-0004820-017		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	16
Lims Batch ID:	182221	Lims Sample ID:	17
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\8260S_4.m		
Last Update:	20-Sep-2013 07:46:07	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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 07:46:07

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.647	2.647	0.0	61	205381	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.726	3.721	0.005	95	185441	47.1	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.169	4.173	-0.004	96	189699	45.3	
* 59 Fluorobenzene	96	4.433	4.433	0.0	99	671123	50.0	
* 150 1,4-Dioxane-d8	96	5.401	5.406	-0.005	1	17245	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.100	6.104	-0.004	98	672471	50.5	
* 87 Chlorobenzene-d5	117	7.795	7.794	0.001	85	501148	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	90	221400	54.3	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	95	263383	50.0	
117 1,4-Dichlorobenzene	146	9.750	9.745	0.005	41	5606	0.5184	

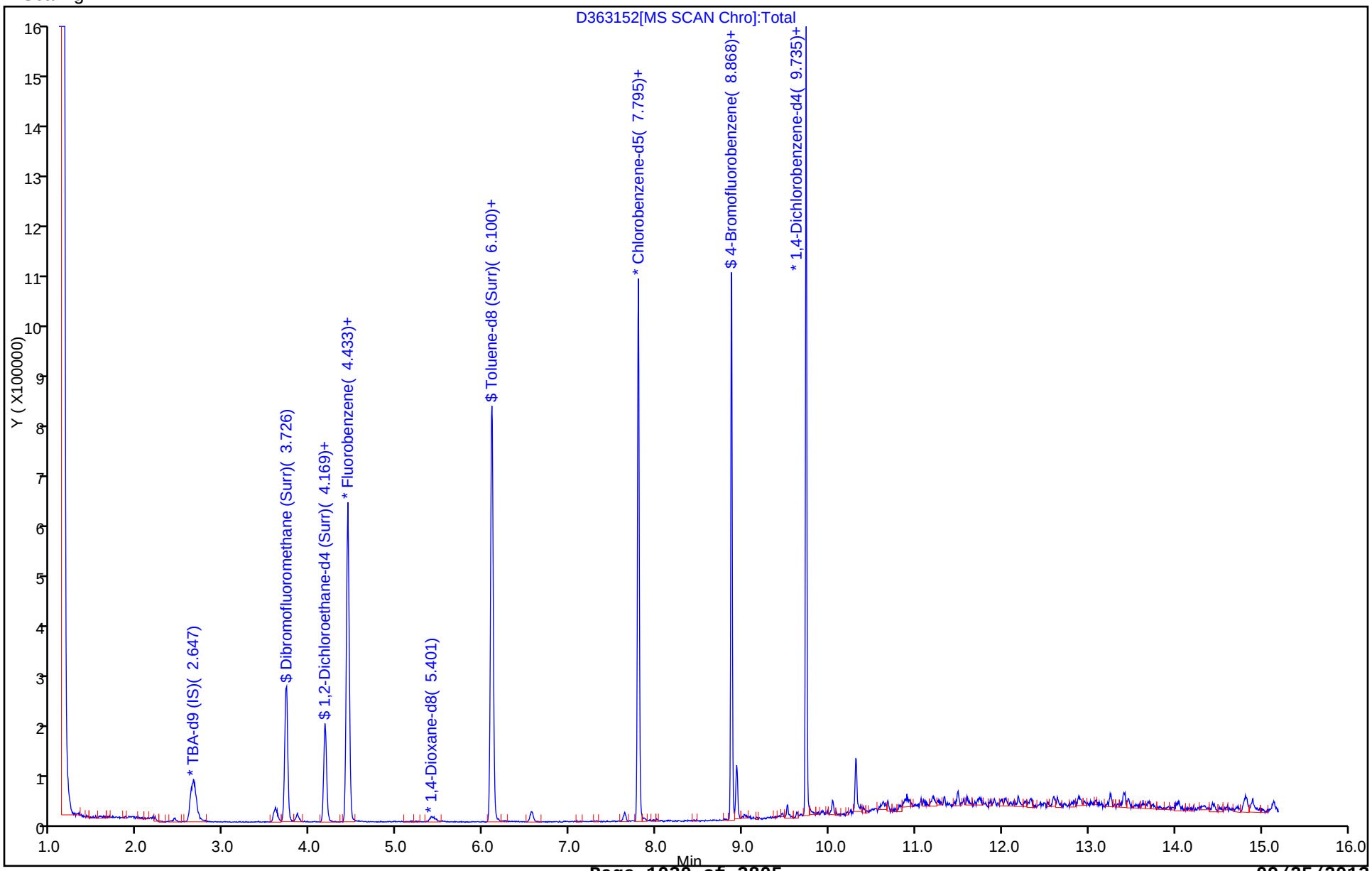
Report Date: 20-Sep-2013 07:46:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363152.D

Injection Date:	19-Sep-2013 19:34:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	17
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



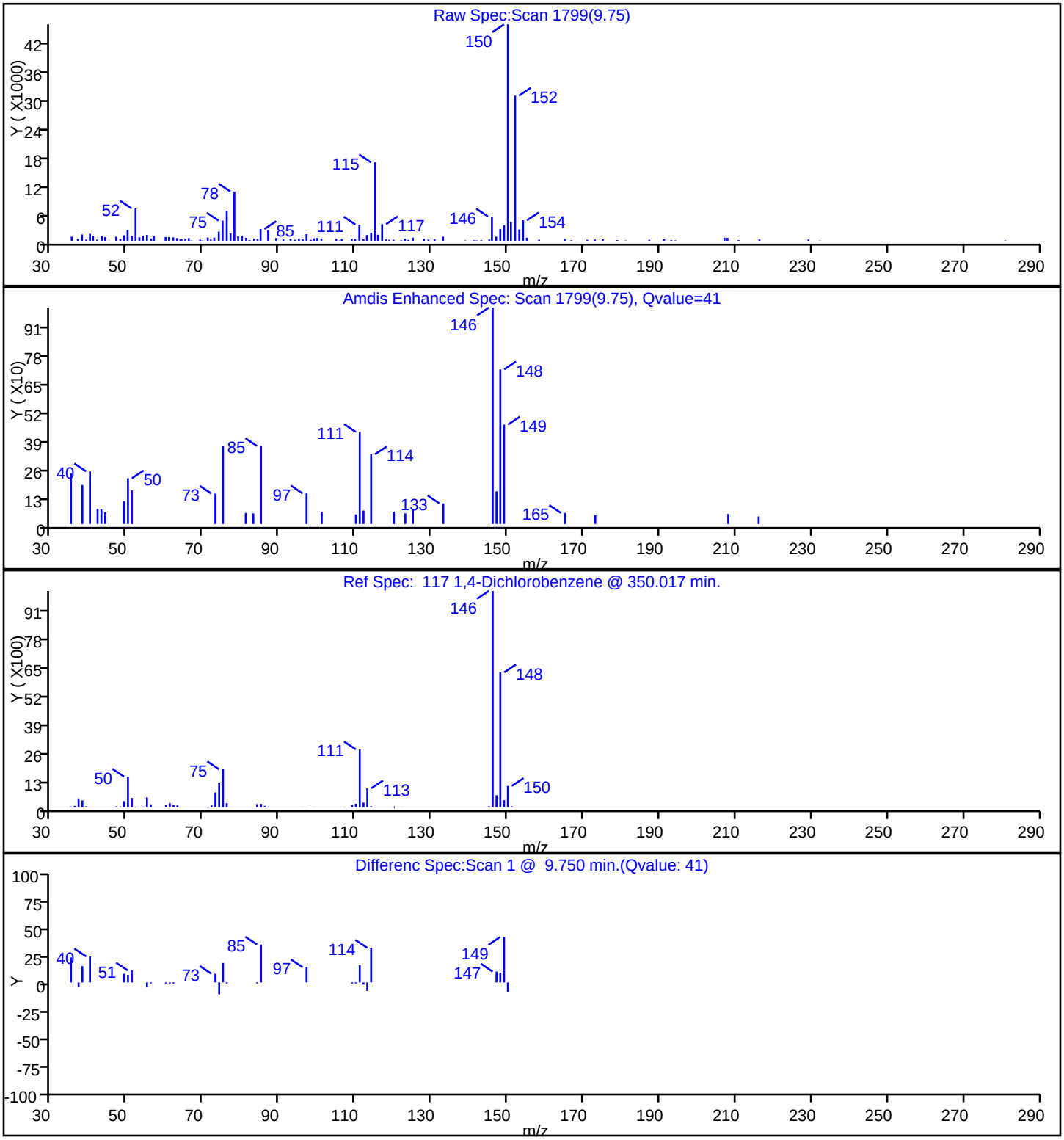
Report Date: 20-Sep-2013 07:46:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363152.D

Injection Date:	19-Sep-2013 19:34:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	17
Operator ID:		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-WT | Lab Sample ID: 460-62968-18

Matrix: Solid | Lab File ID: B60684.D

Analysis Method: 8260B | Date Collected: 09/12/2013 11:35

Sample wt/vol: 5.682(g) | Date Analyzed: 09/19/2013 18:29

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.9 | Level: (low/med) Medium

Analysis Batch No.: 182095 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	9.9	U	100	9.9
74-83-9	Bromomethane	19	U	100	19
75-01-4	Vinyl chloride	15	U	100	15
75-00-3	Chloroethane	17	U	100	17
75-09-2	Methylene Chloride	19	U	100	19
67-64-1	Acetone	270	U	510	270
75-15-0	Carbon disulfide	13	U	100	13
75-69-4	Trichlorofluoromethane	15	U	100	15
75-35-4	1,1-Dichloroethene	9.0	U	100	9.0
75-34-3	1,1-Dichloroethane	13	U	100	13
156-60-5	trans-1,2-Dichloroethene	13	U	100	13
156-59-2	cis-1,2-Dichloroethene	18	U	100	18
67-66-3	Chloroform	8.0	U	100	8.0
78-93-3	2-Butanone	240	U	510	240
107-06-2	1,2-Dichloroethane	19	U	100	19
71-55-6	1,1,1-Trichloroethane	6.4	U	100	6.4
56-23-5	Carbon tetrachloride	5.8	U	100	5.8
71-43-2	Benzene	8.4	U	100	8.4
75-25-2	Bromoform	20	U	100	20
100-42-5	Styrene	12	U	100	12
100-41-4	Ethylbenzene	9.8	U	100	9.8
108-90-7	Chlorobenzene	11	U	100	11
110-82-7	Cyclohexane	16	U	100	16
98-82-8	Isopropylbenzene	7.8	U	100	7.8
591-78-6	2-Hexanone	51	U	510	51
1634-04-4	MTBE	14	U	100	14
76-13-1	Freon TF	8.4	U	100	8.4
79-20-9	Methyl acetate	34	U	510	34
123-91-1	1,4-Dioxane	3700	U	5100	3700
79-01-6	Trichloroethene	9.4	U	100	9.4
108-88-3	Toluene	15	U	100	15
10061-02-6	trans-1,3-Dichloropropene	25	U	100	25
108-10-1	4-Methyl-2-pentanone	100	U	510	100
10061-01-5	cis-1,3-Dichloropropene	19	U	100	19
95-50-1	1,2-Dichlorobenzene	21	U	100	21
541-73-1	1,3-Dichlorobenzene	73	J	100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-WT | Lab Sample ID: 460-62968-18

Matrix: Solid | Lab File ID: B60684.D

Analysis Method: 8260B | Date Collected: 09/12/2013 11:35

Sample wt/vol: 5.682(g) | Date Analyzed: 09/19/2013 18:29

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.9 | 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	440		100	24
120-82-1	1,2,4-Trichlorobenzene	35	U	100	35
87-61-6	1,2,3-Trichlorobenzene	52	U	100	52
78-87-5	1,2-Dichloropropane	8.8	U	100	8.8
108-87-2	Methylcyclohexane	910	*	100	14
127-18-4	Tetrachloroethene	9.9	U	100	9.9
1330-20-7	Xylenes, Total	37	U	310	37
96-12-8	1,2-Dibromo-3-Chloropropane	41	U *	100	41
79-34-5	1,1,2,2-Tetrachloroethane	16	U	100	16
79-00-5	1,1,2-Trichloroethane	19	U	100	19
124-48-1	Dibromochloromethane	20	U	100	20
106-93-4	1,2-Dibromoethane	28	U	100	28
75-71-8	Dichlorodifluoromethane	22	U	100	22
74-97-5	Bromochloromethane	28	U	100	28
75-27-4	Bromodichloromethane	13	U	100	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-135
2037-26-5	Toluene-d8 (Surr)	88		59-150
460-00-4	Bromofluorobenzene	95		72-133
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-WT Lab Sample ID: 460-62968-18

Matrix: Solid Lab File ID: B60684.D

Analysis Method: 8260B Date Collected: 09/12/2013 11:35

Sample wt/vol: 5.682(g) Date Analyzed: 09/19/2013 18:29

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.9 Level: (low/med) Medium

Analysis Batch No.: 182095 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 91600

CAS NO.	COMPOUND NAME	RT	RESULT	Q
99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-	11.06	14000	J N
	Unknown Aromatic	11.46	6800	J
	Unknown Aromatic	11.55	7200	J
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.71	9500	J N
700-12-9	Benzene, pentamethyl-	11.79	8300	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	12.03	11000	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	12.14	11000	J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	12.33	7500	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	12.41	9500	J N
21564-91-0	Naphthalene, 1,2,3,4-tetrahydro-1,5-dime	13.22	6800	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60684.D		
Lims ID:	460-62968-A-18-A	Client ID:	PMP-16SE-WT
Inject. Date:	19-Sep-2013 18:29:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62968-A-18-A		
Misc. Info.:	460-0004800-018		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	17
Lims Batch ID:	182095	Lims Sample ID:	18
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\8260W_2.m		
Last Update:	20-Sep-2013 17:29:14	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 01:56:55

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	56	286675	1000.0	
$ 57 Dibromofluoromethane (Surr)	113	4.492	4.484	0.008	97	190229	48.3	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.887	0.0	98	293344	50.1	
* 58 Fluorobenzene	96	5.208	5.208	0.0	97	631080	50.0	
62 Methylcyclohexane	83	5.776	5.768	0.008	73	24635	8.92	
* 65 1,4-Dioxane-d8	96	6.072	6.064	0.008	89	37020	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.208	7.200	0.008	97	588055	43.8	
* 87 Chlorobenzene-d5	117	8.772	8.763	0.009	88	538058	50.0	
$ 97 4-Bromofluorobenzene	174	9.858	9.858	0.0	89	252195	47.7	
113 1,3-Dichlorobenzene	146	10.755	10.755	0.0	46	5836	0.7141	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	97	302995	50.0	
116 1,4-Dichlorobenzene	146	10.837	10.829	0.008	83	38324	4.35	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60684.D		
Lims ID:	460-62968-A-18-A	Client ID:	PMP-16SE-WT
Inject. Date:	19-Sep-2013 18:29:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62968-A-18-A		
Misc. Info.:	460-0004800-018		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	17
Lims Batch ID:	182095	Lims Sample ID:	18
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\8260W_2.m		
Last Update:	20-Sep-2013 17:29:14	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 01:56:55

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-				
11.060	6683538	135.1	115	95	14401	
		Unknown Aromatic				
11.463	3297961	66.7	115	0	0	
		Unknown Aromatic				
11.545	3506955	70.9	115	0	0	
	95-93-2	Benzene, 1,2,4,5-tetramethyl-				
11.710	4581199	92.6	115	95	14361	
	700-12-9	Benzene, pentamethyl-				
11.792	4011142	81.1	115	91	21797	
	527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-				
12.031	5141399	103.9	115	93	14404	
	1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-				
12.138	5377714	108.7	115	90	21844	
	2050-24-0	Benzene, 1,3-diethyl-5-methyl-				
12.327	3644214	73.7	115	86	21819	
	56253-64-6	Benzene, (2-methyl-1-butenyl)-				
12.409	4609091	93.2	115	91	20721	
	21564-91-0	Naphthalene, 1,2,3,4-tetrahydro-1,5-dime				
13.216	3269954	66.1	115	91	29456	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 115 1,4-Dichlorobenzene-d4	10.813	2473108	50.0

QC Flag Legend

Processing Flags

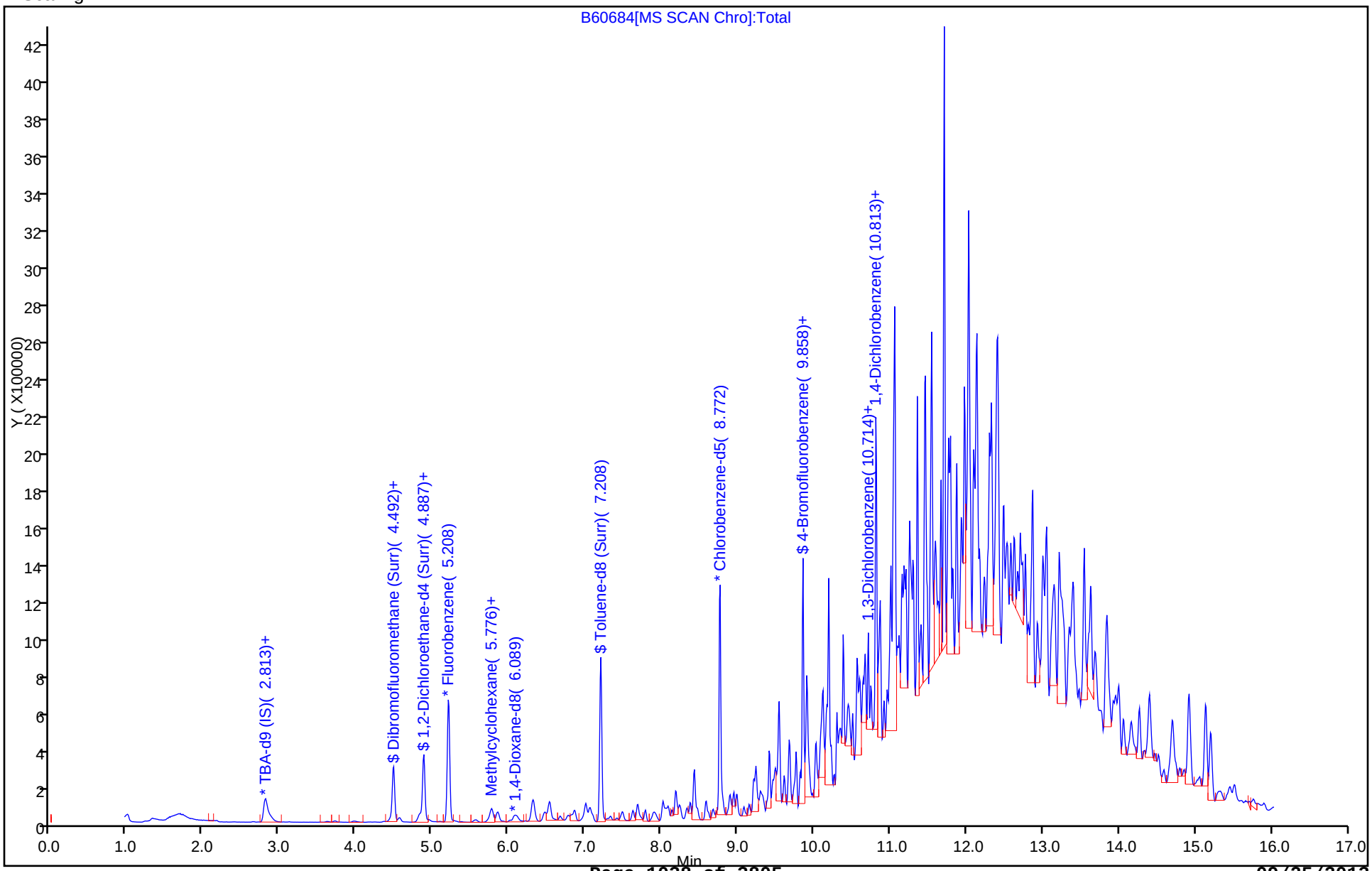
Report Date: 20-Sep-2013 17:32:29 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60684.D

Injection Date:	19-Sep-2013 18:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	18
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



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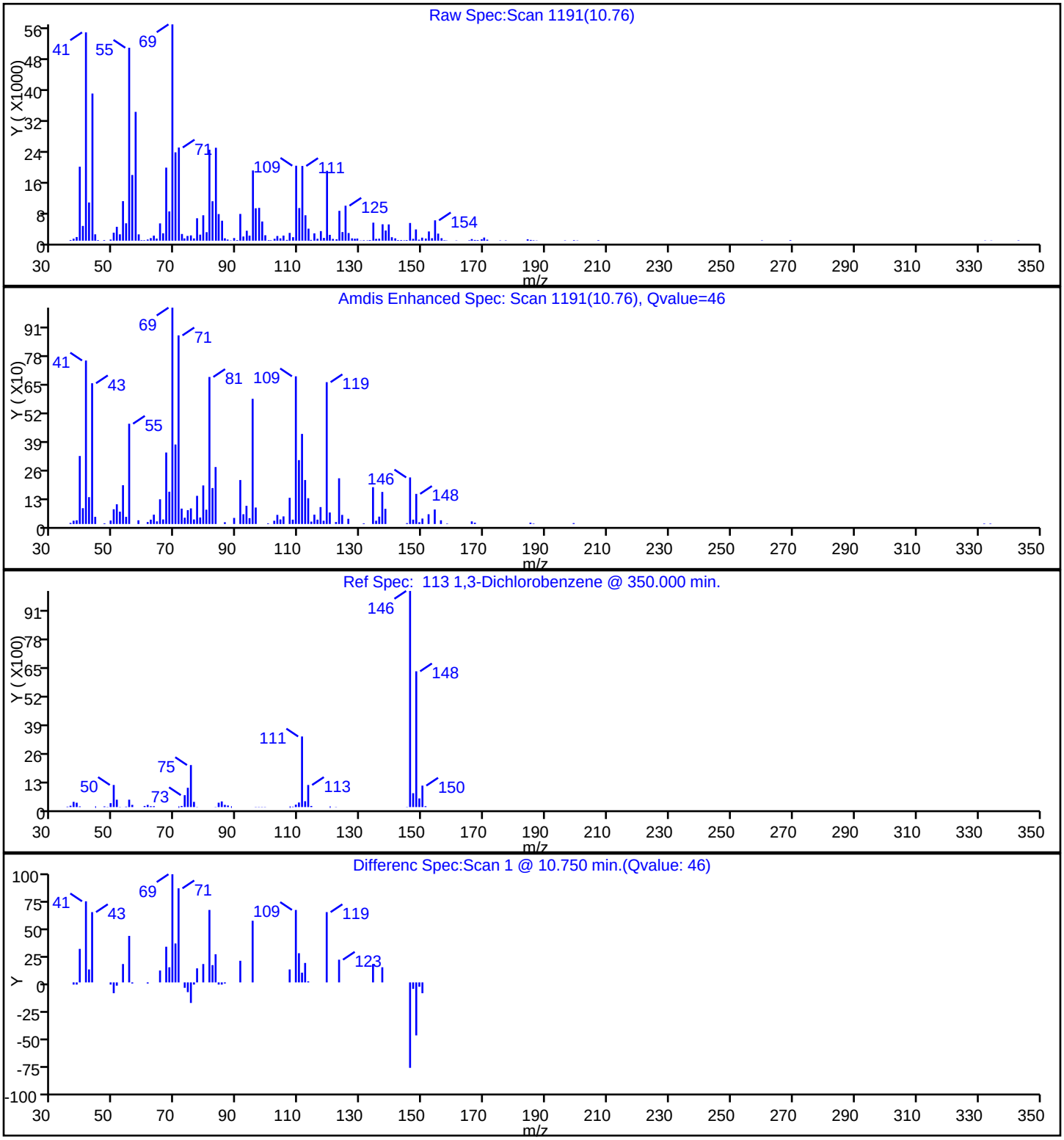
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60684.D

Injection Date:	19-Sep-2013 18:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	18
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 17:32:29 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

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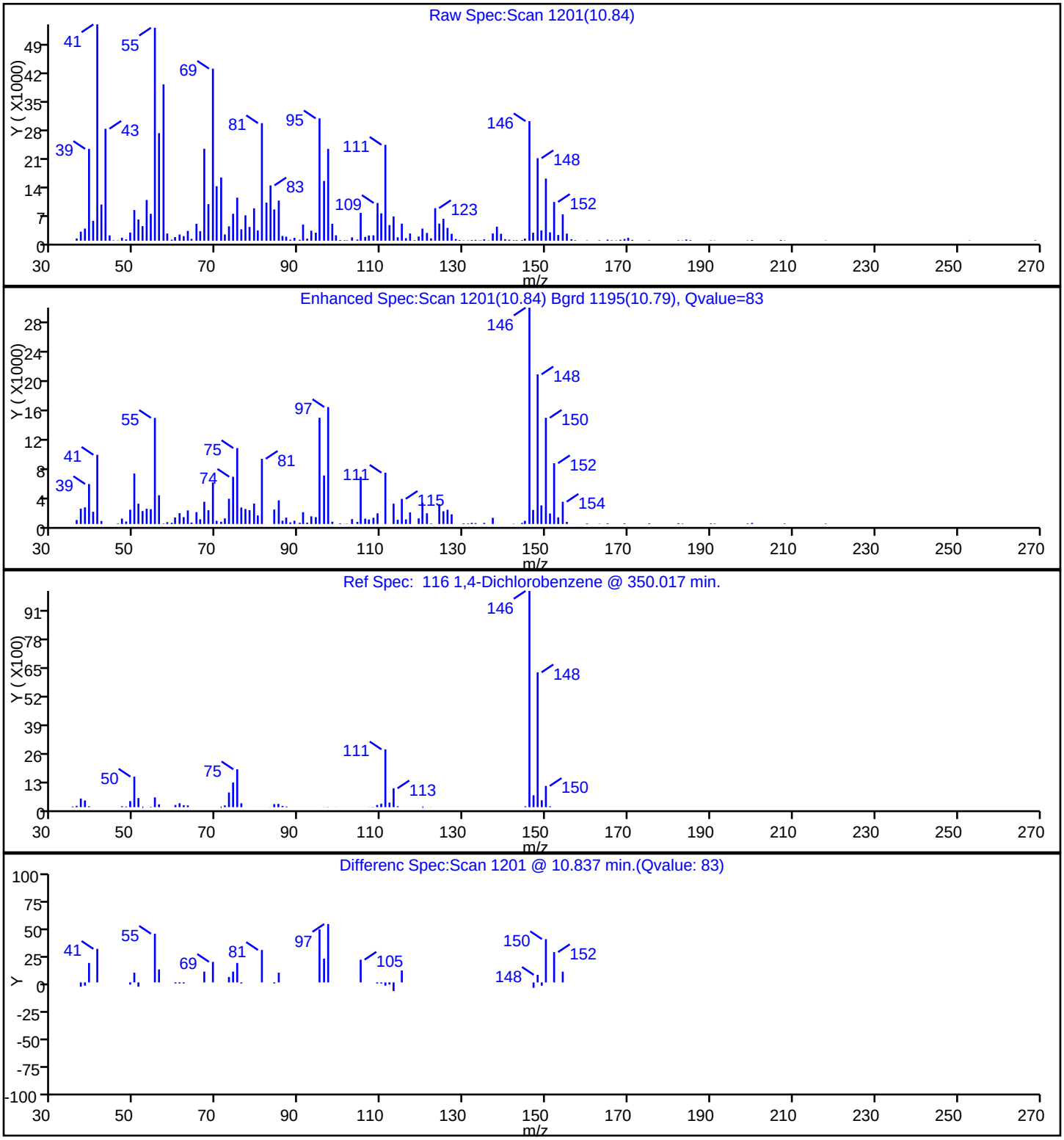
Injection Date:	19-Sep-2013 18:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	18
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

116 1,4-Dichlorobenzene



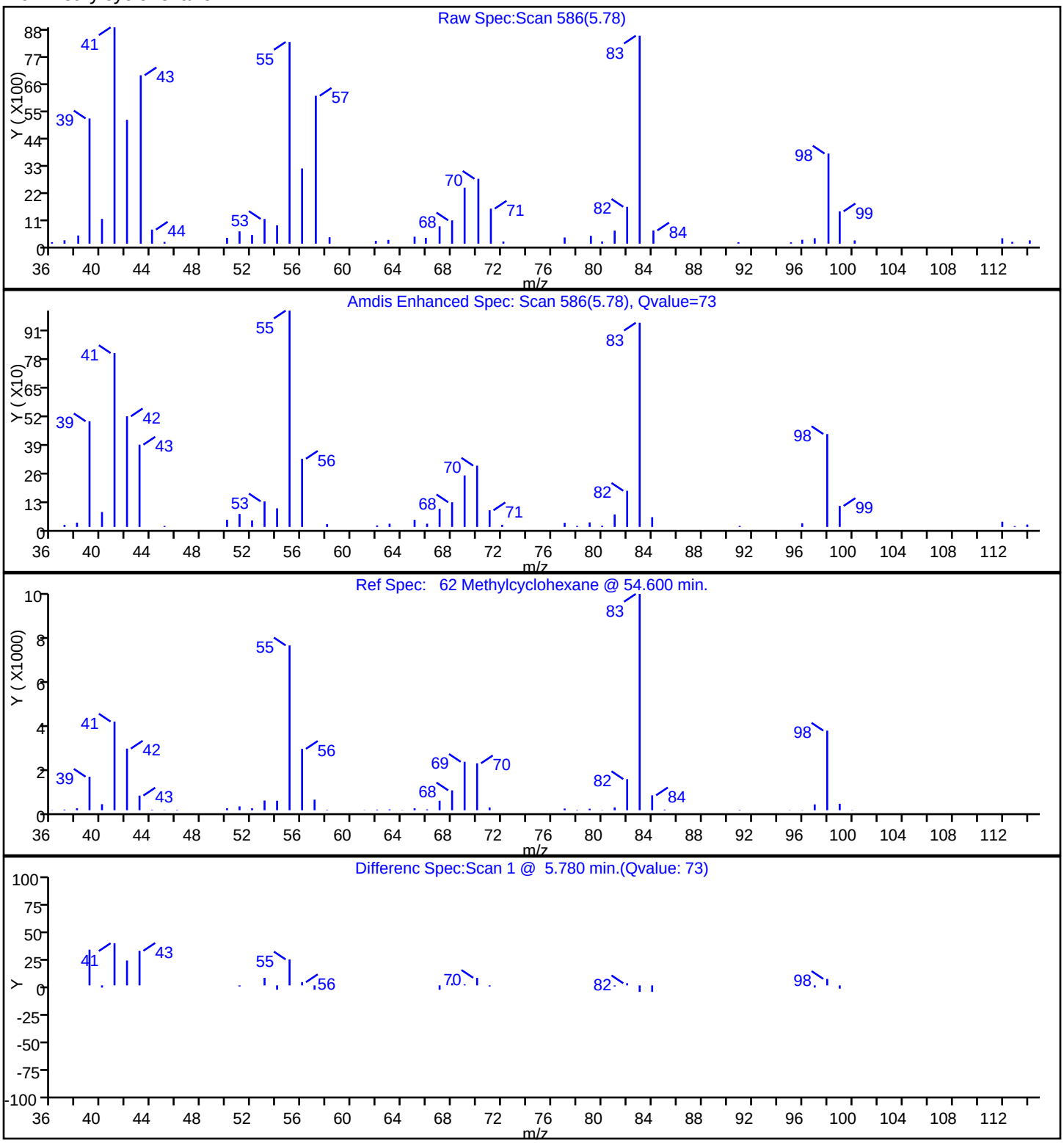
Report Date: 20-Sep-2013 17:32:29 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60684.D

Injection Date:	19-Sep-2013 18:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	18
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

62 Methylcyclohexane



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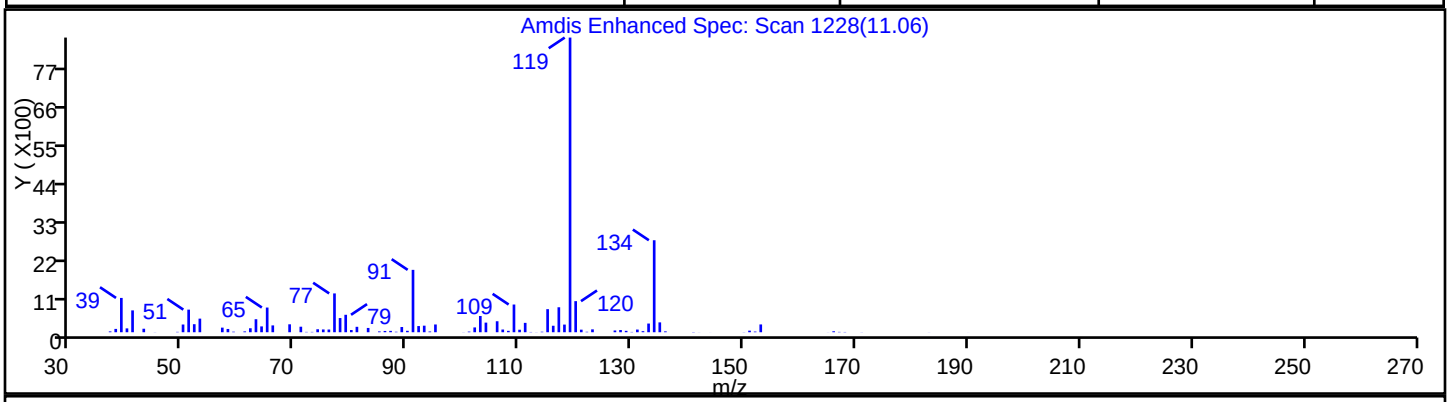
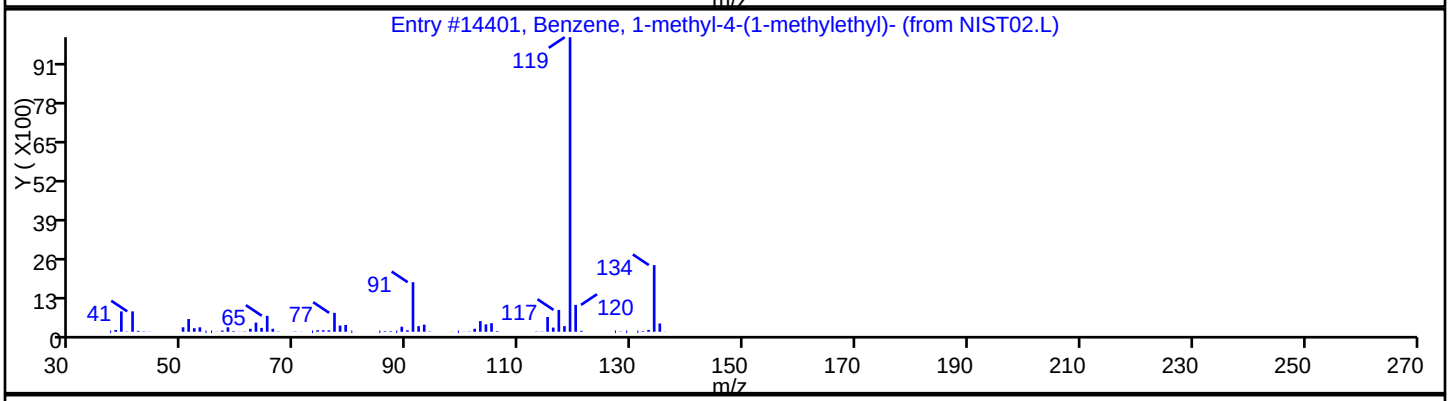
TestAmerica Edison

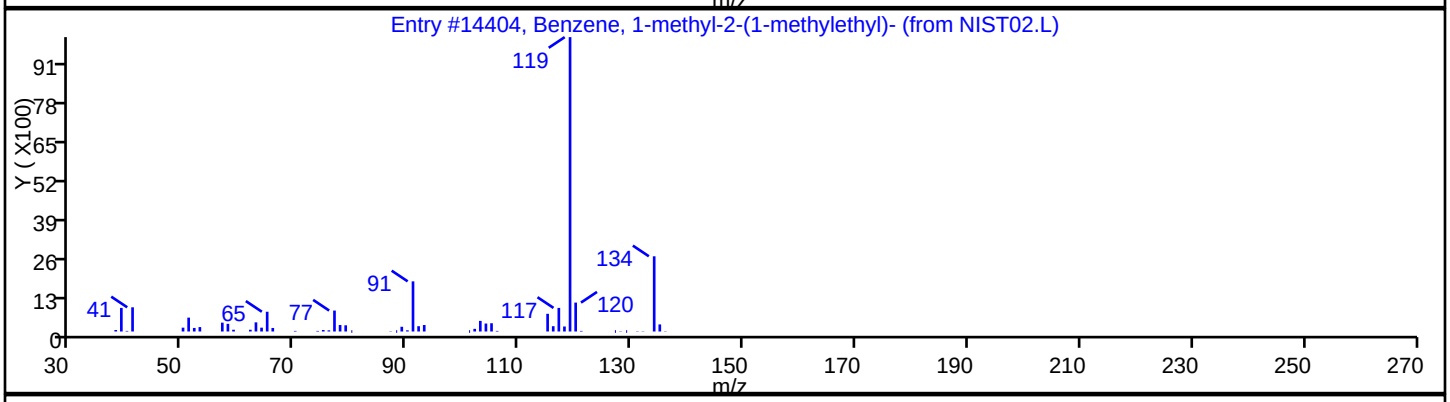
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60684.D

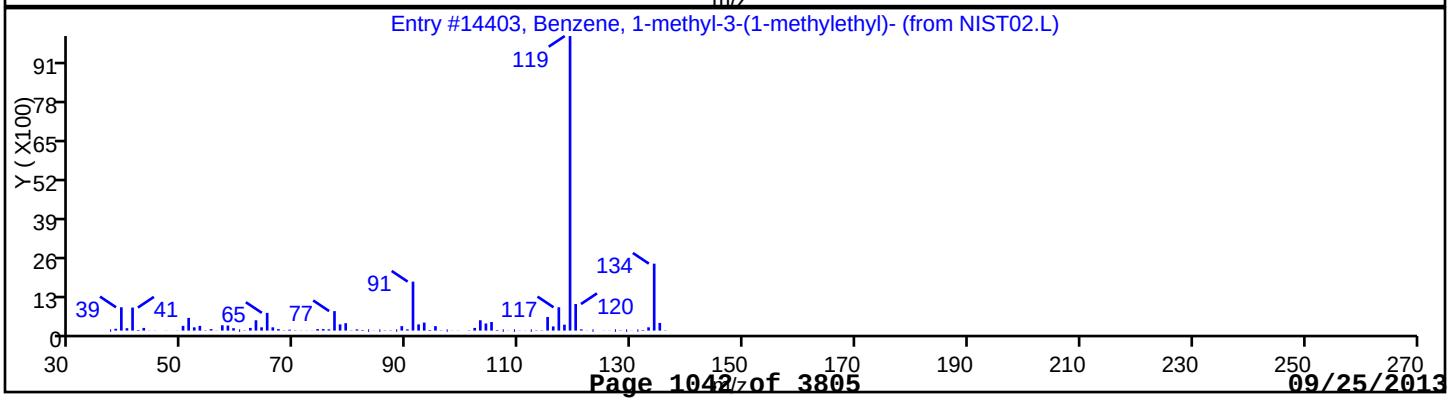
Injection Date:	19-Sep-2013 18:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	18
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.L	14401	95
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14404	95
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.L	14403	94









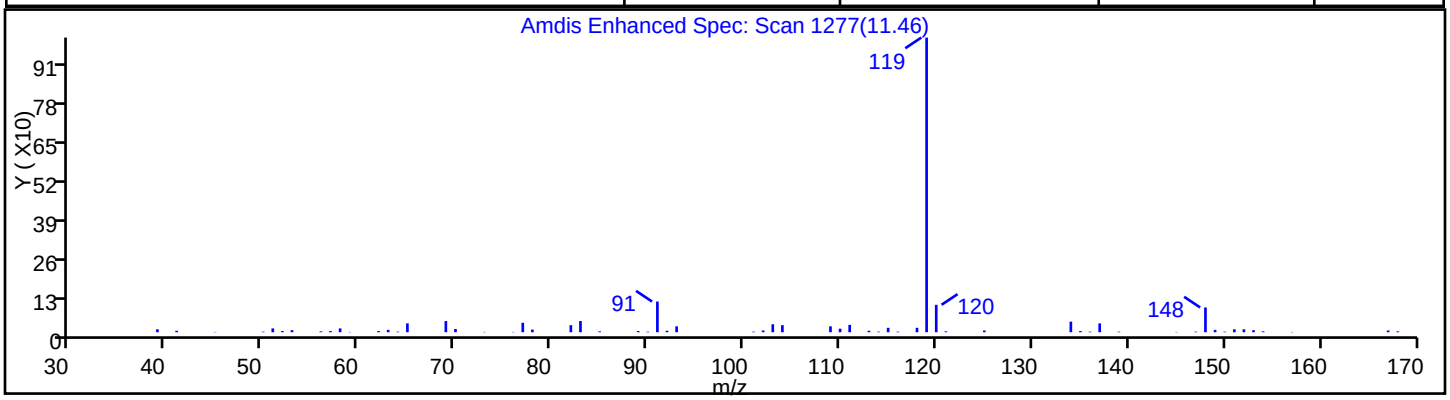
Report Date: 20-Sep-2013 17:32:29 Chrom Revision: 2.1 25-Jul-2013 20:19:50

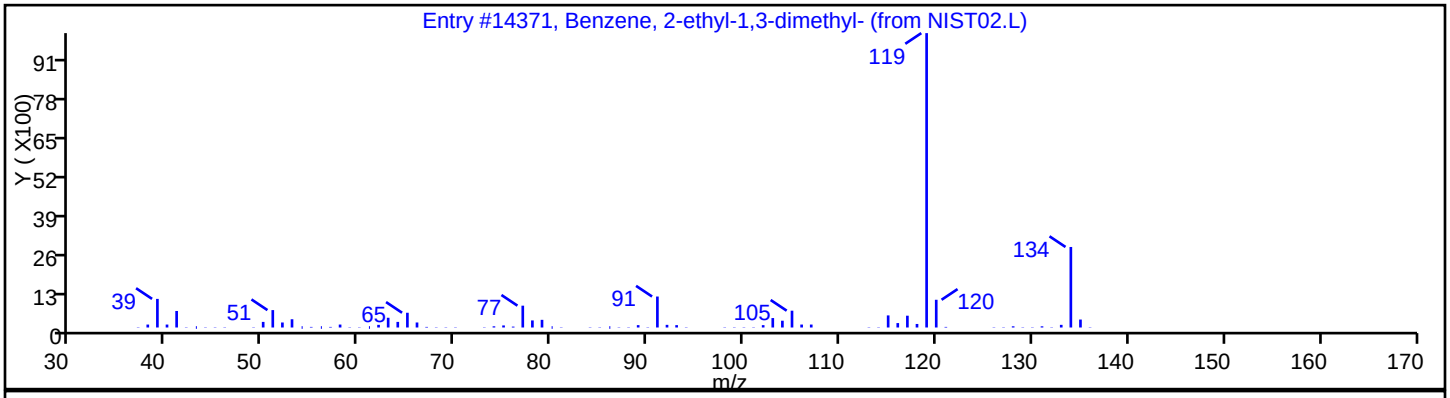
TestAmerica Edison

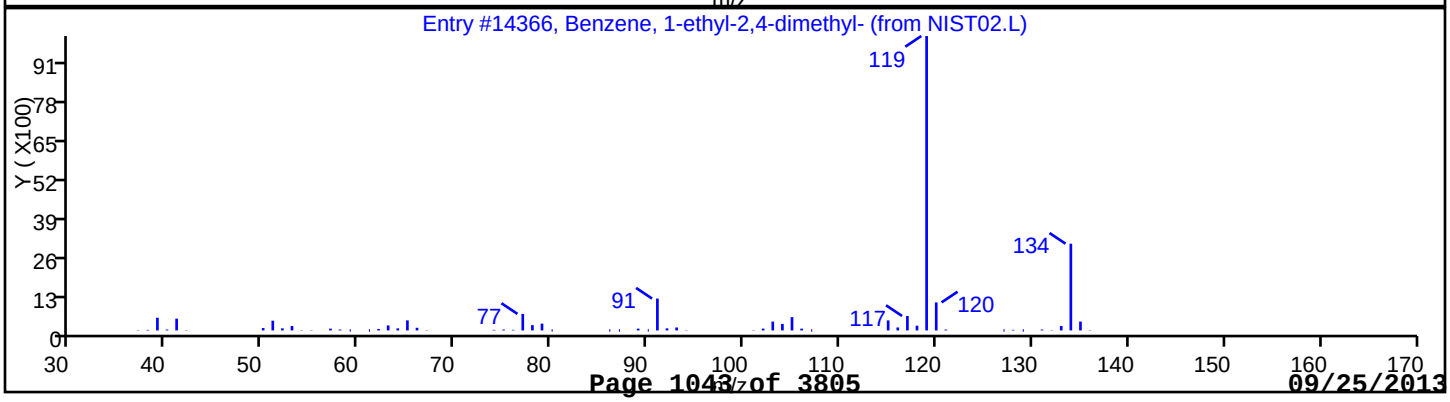
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60684.D

Injection Date:	19-Sep-2013 18:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	18
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, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.L	14371	80
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.L	14366	72







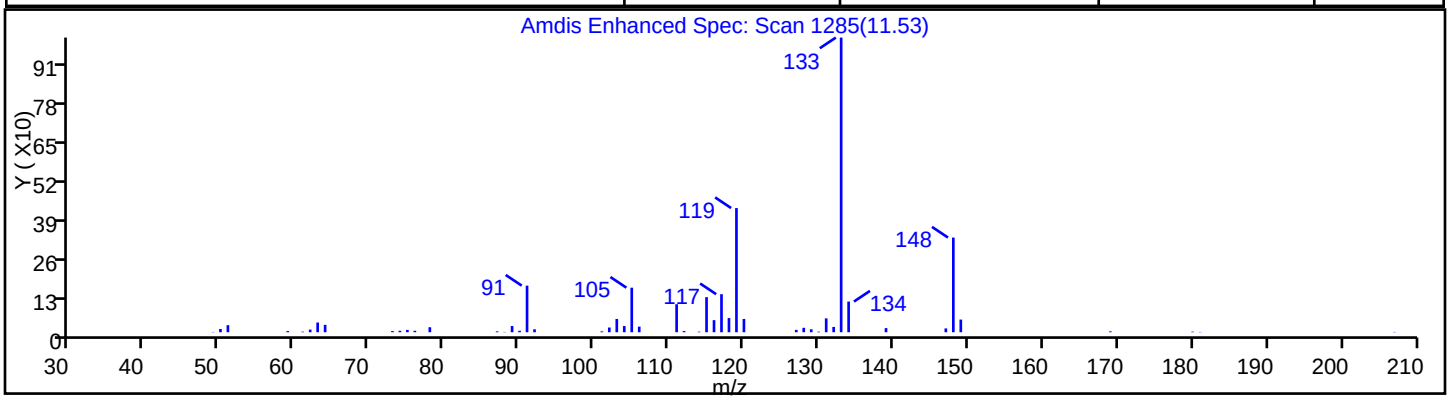
Report Date: 20-Sep-2013 17:32:29 Chrom Revision: 2.1 25-Jul-2013 20:19:50

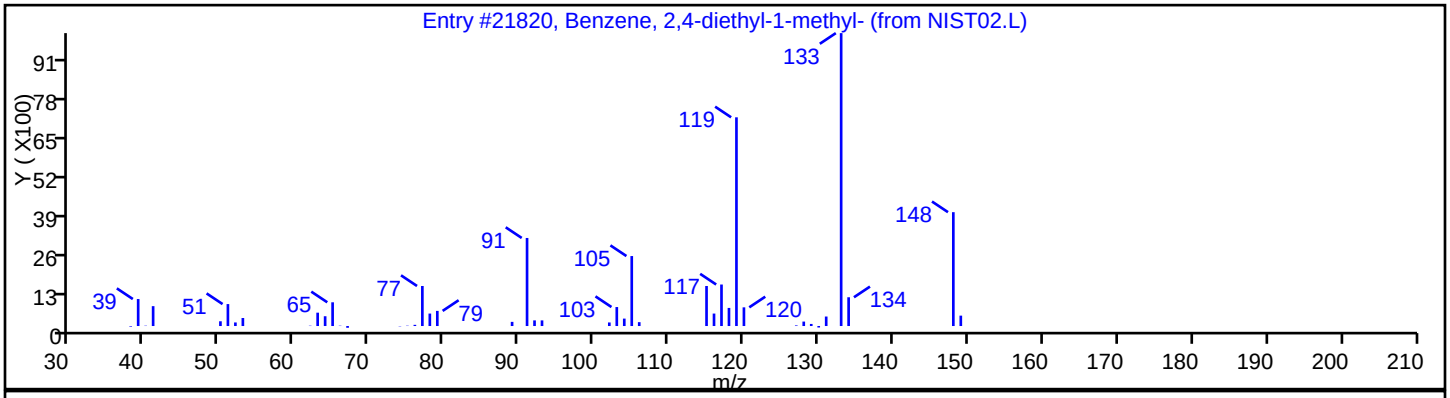
TestAmerica Edison

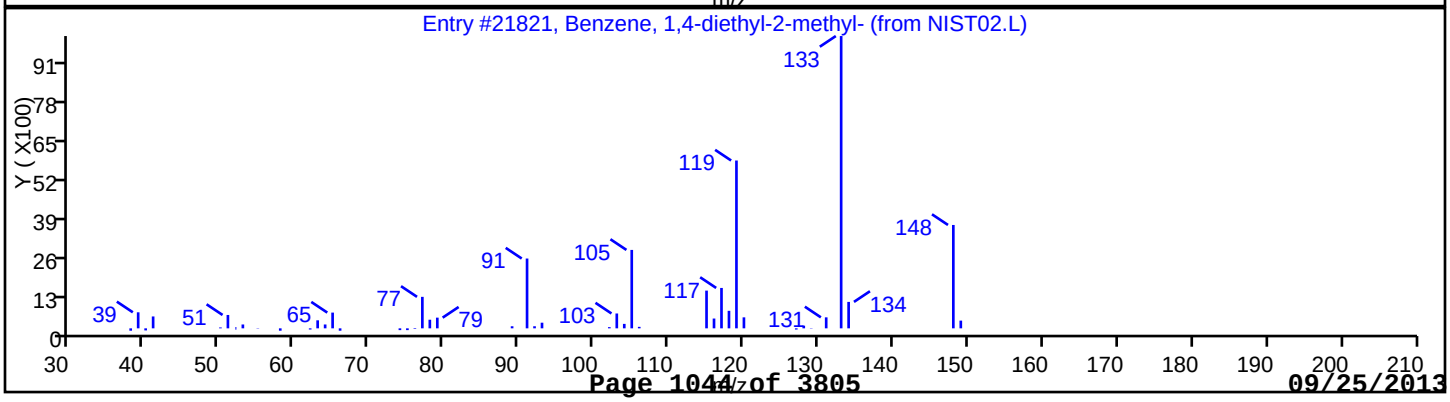
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60684.D

Injection Date:	19-Sep-2013 18:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	18
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, 2,4-diethyl-1-methyl-	1758-85-6	NIST02.L	21820	95
Benzene, 1,4-diethyl-2-methyl-	13632-94-5	NIST02.L	21821	94







Report Date: 20-Sep-2013 17:32:29 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60684.D

Injection Date: 19-Sep-2013 18:29:30 Limit Group: VOA - 8260B Water and Solid

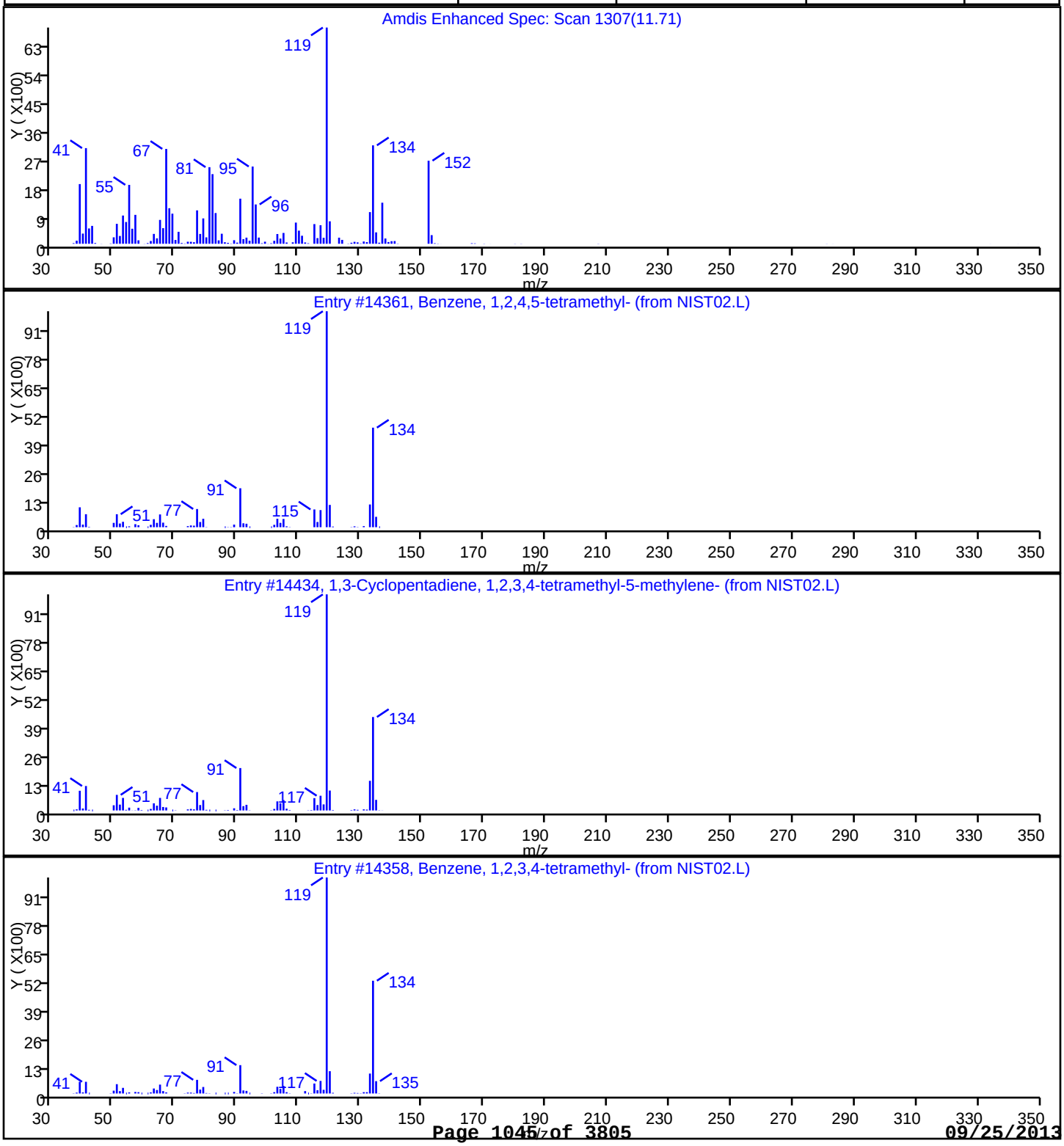
Client ID: PMP-16SE-WT Instrument ID: CVOAMS2

Lims Batch ID: 182095 Lims Sample ID: 18

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	95
1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	76089-59-3	NIST02.L	14434	90
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14358	90



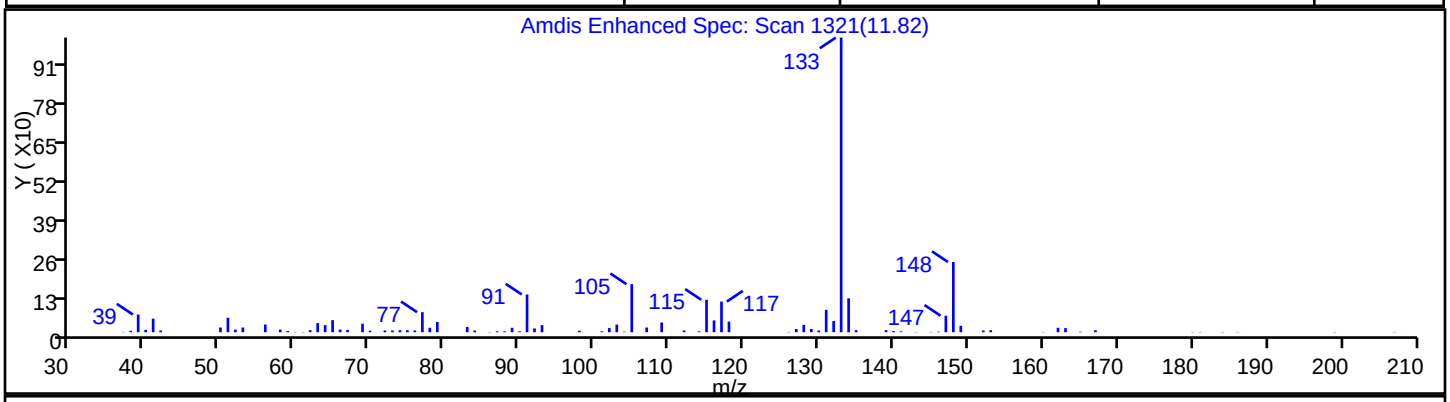
Report Date: 20-Sep-2013 17:32:29 Chrom Revision: 2.1 25-Jul-2013 20:19:50

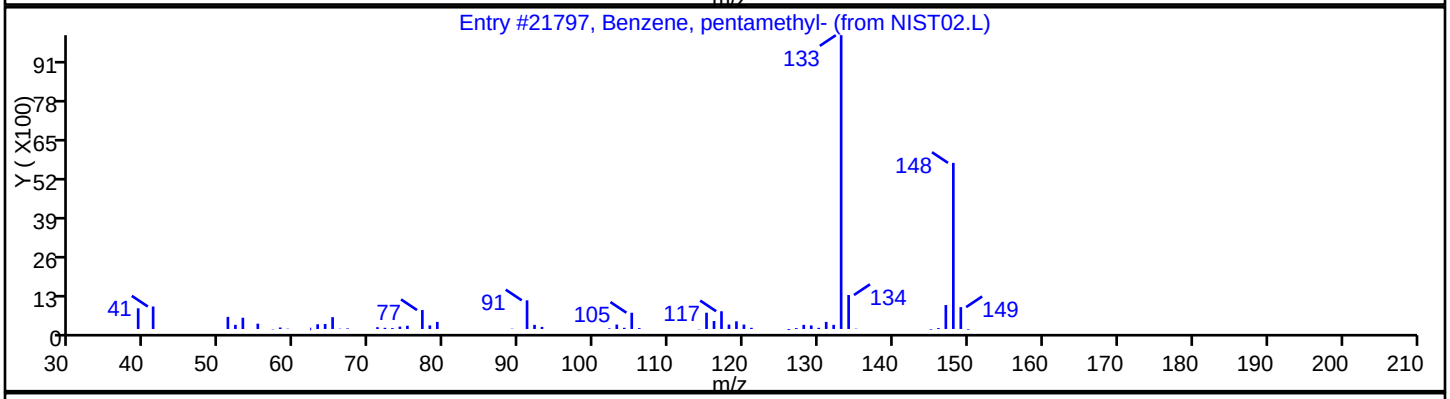
TestAmerica Edison

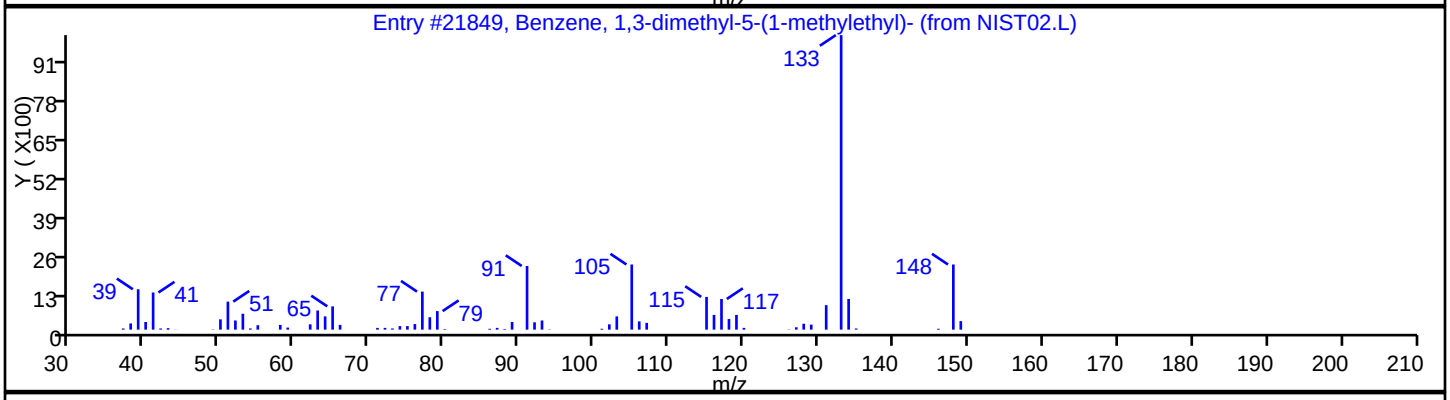
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60684.D

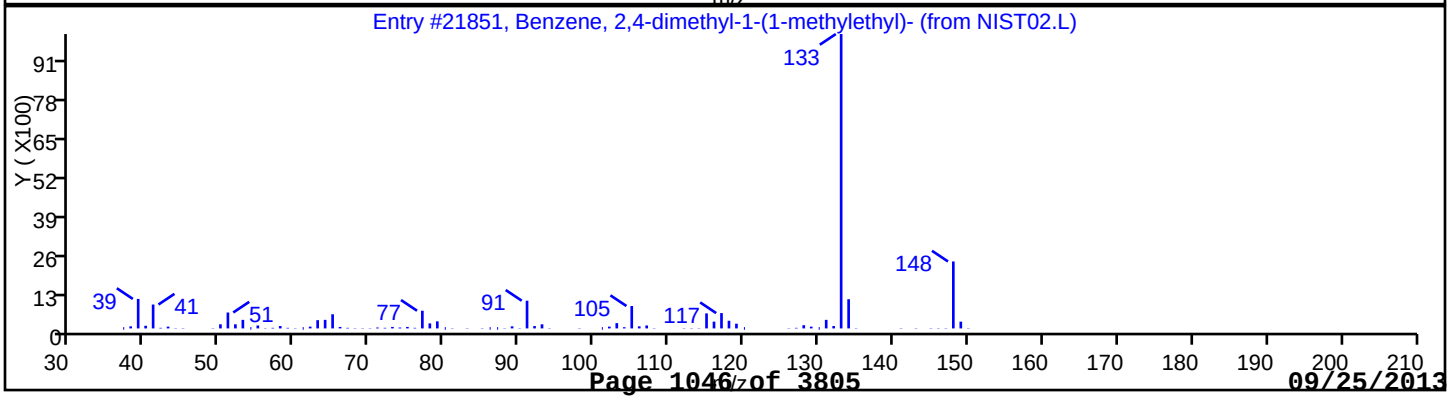
Injection Date:	19-Sep-2013 18:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	18
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, pentamethyl-	700-12-9	NIST02.L	21797	91
Benzene, 1,3-dimethyl-5-(1-methylethyl)-	4706-90-5	NIST02.L	21849	90
Benzene, 2,4-dimethyl-1-(1-methylethyl)-	4706-89-2	NIST02.L	21851	87









Report Date: 20-Sep-2013 17:32:29 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60684.D

Injection Date: 19-Sep-2013 18:29:30 Limit Group: VOA - 8260B Water and Solid

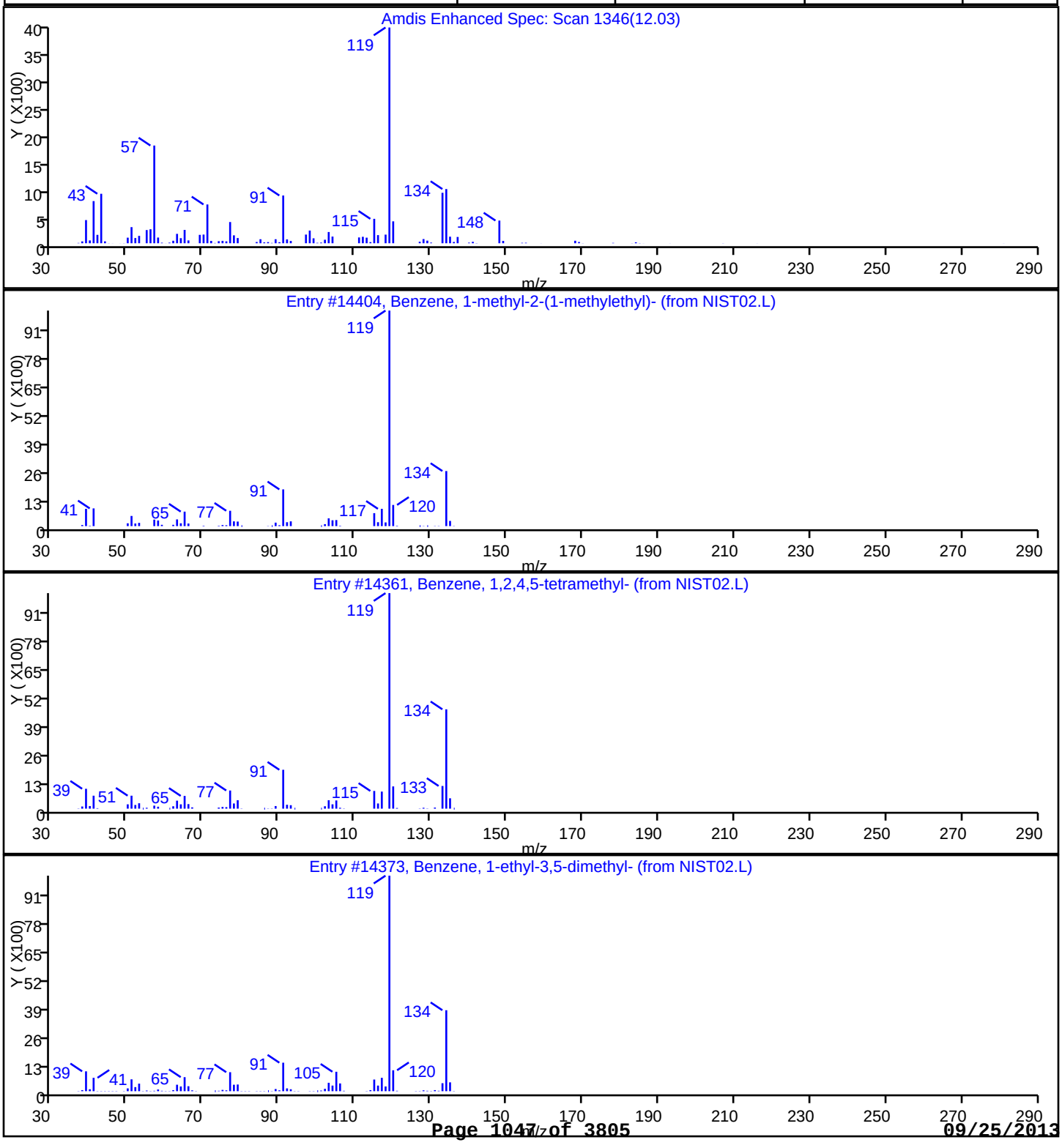
Client ID: PMP-16SE-WT Instrument ID: CVOAMS2

Lims Batch ID: 182095 Lims Sample ID: 18

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	93
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	81
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.L	14373	81



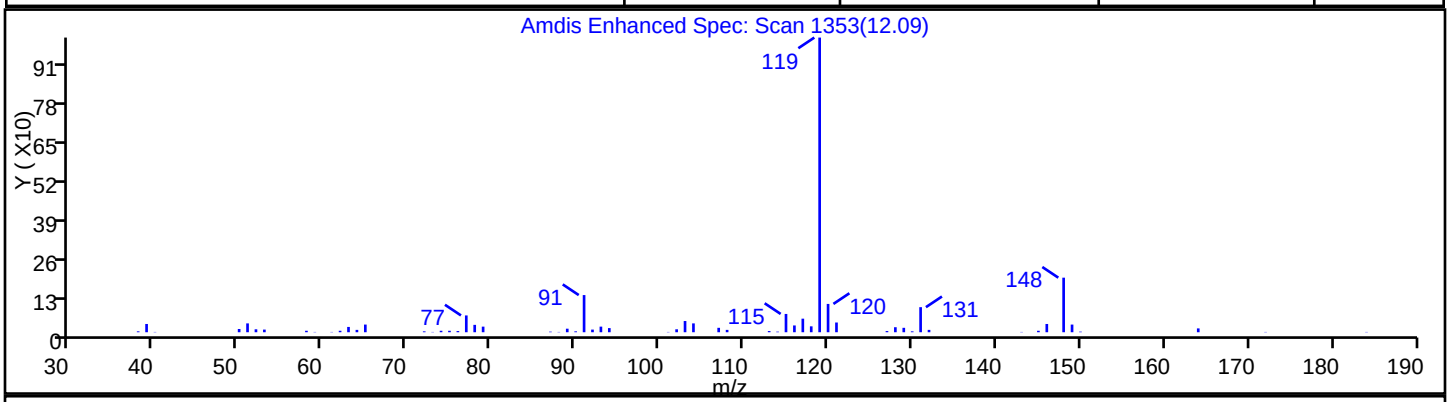
Report Date: 20-Sep-2013 17:32:29 Chrom Revision: 2.1 25-Jul-2013 20:19:50

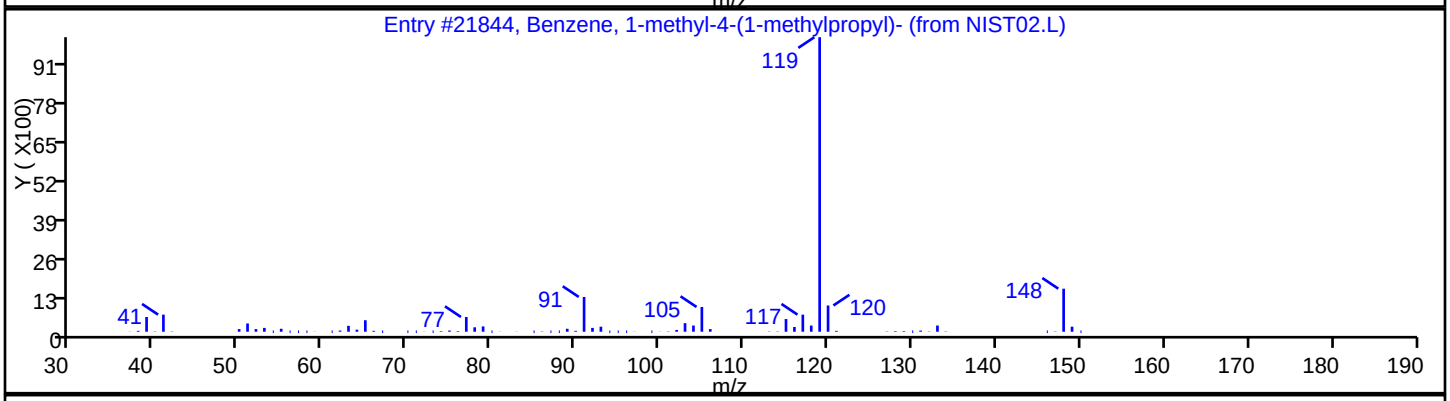
TestAmerica Edison

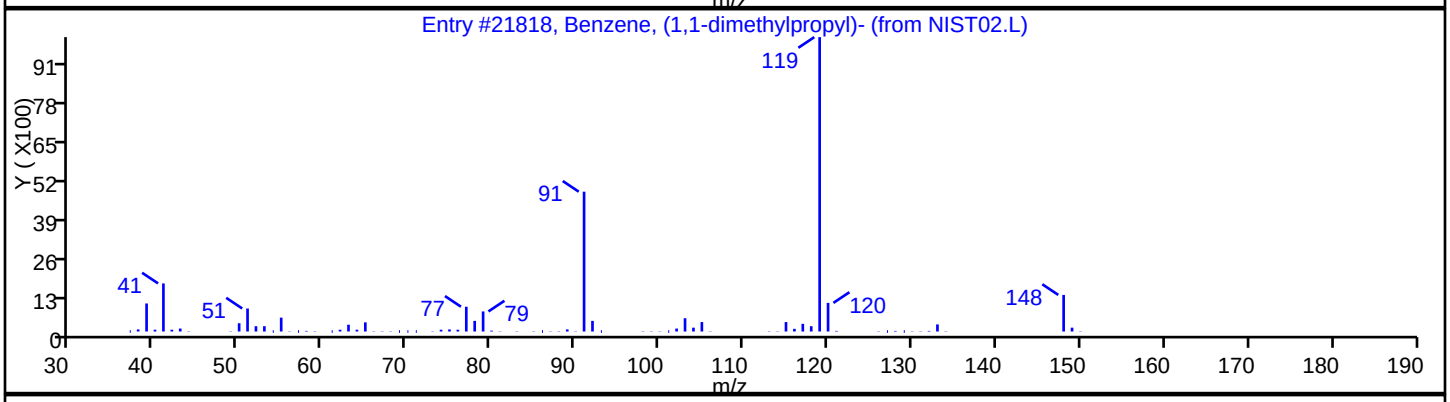
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60684.D

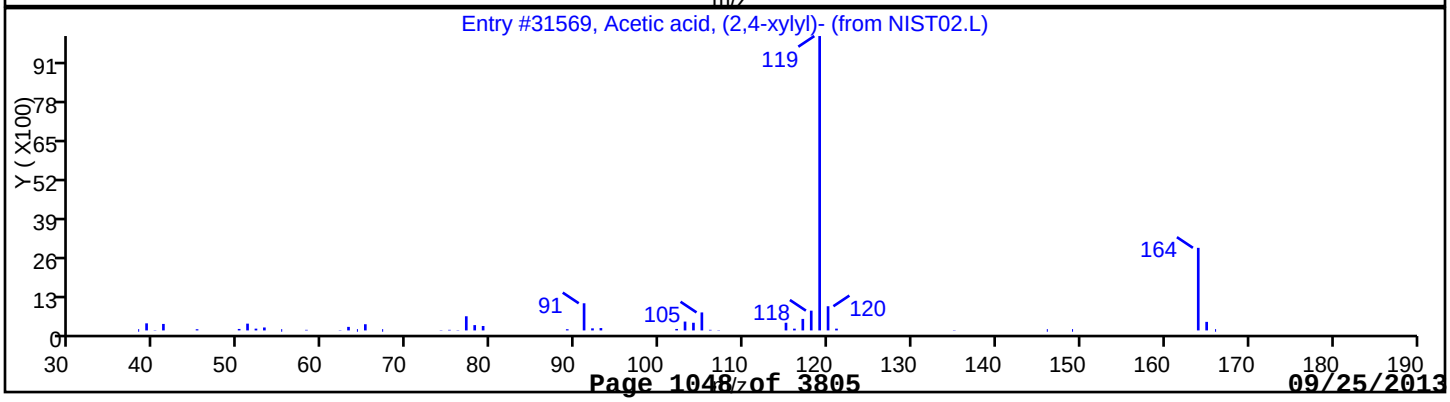
Injection Date:	19-Sep-2013 18:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	18
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

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
Acetic acid, (2,4-xylyl)-	6331-04-0	NIST02.L	31569	72









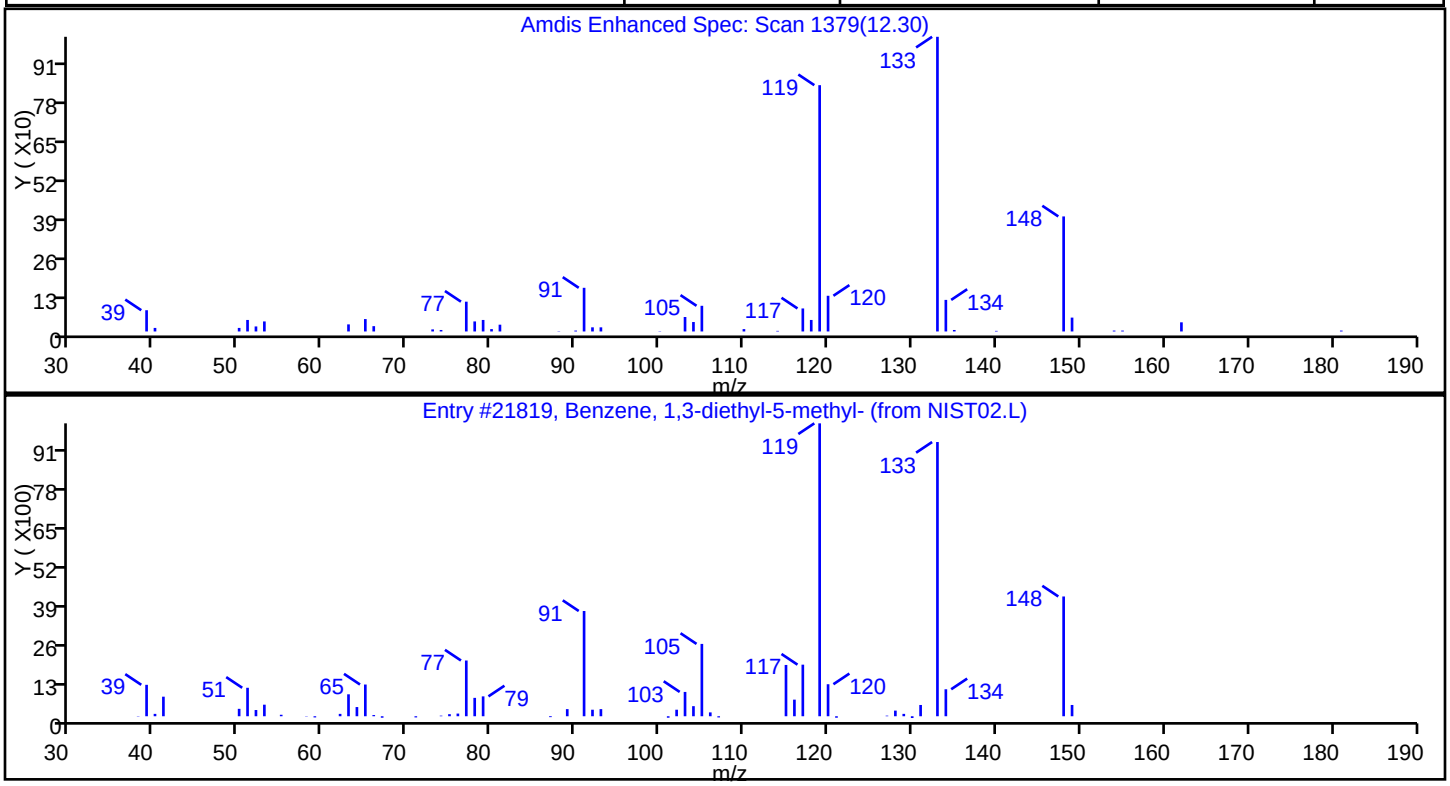
Report Date: 20-Sep-2013 17:32:29 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60684.D

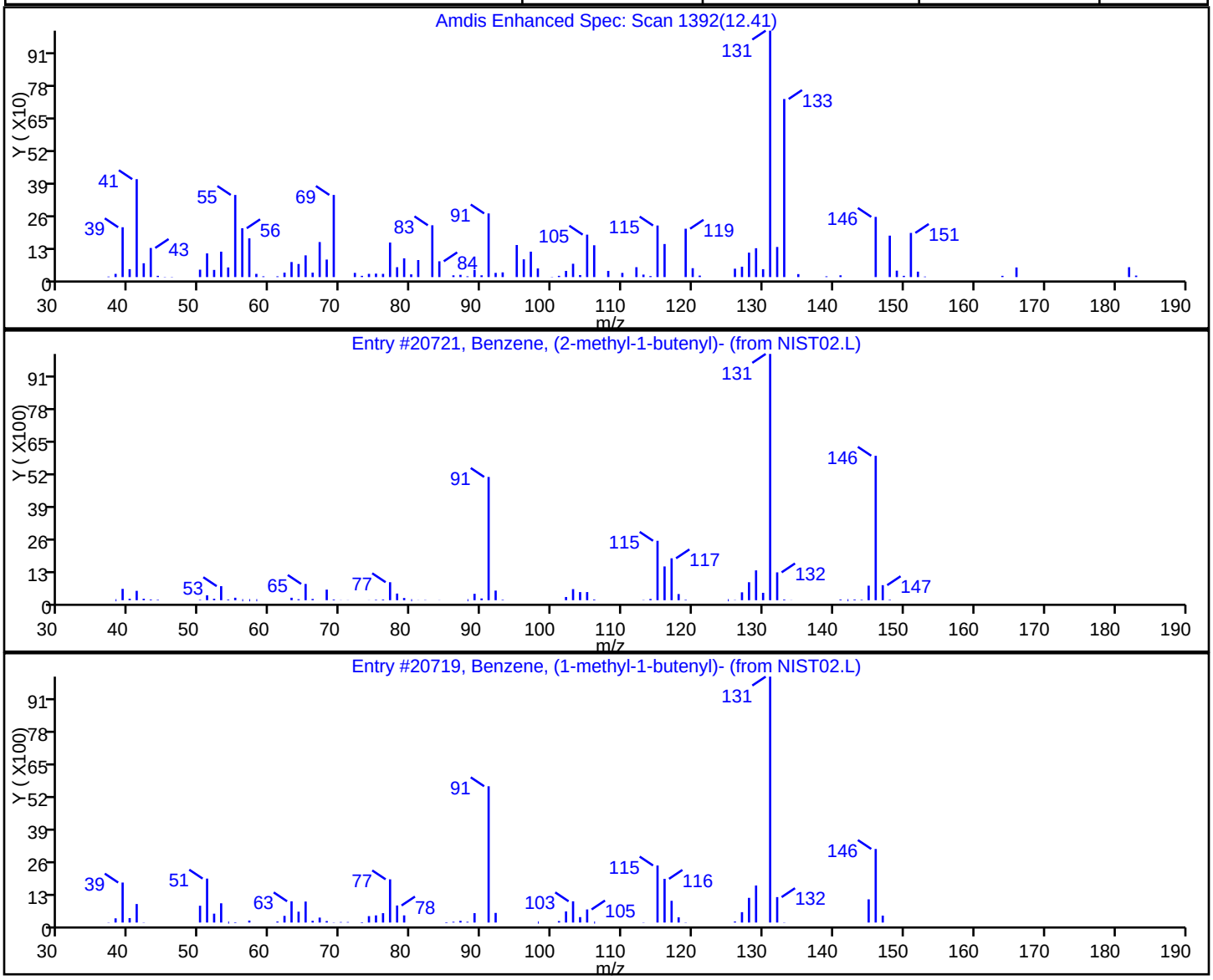
Injection Date:	19-Sep-2013 18:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	18
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.L	21819	86



Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60684.D
Injection Date: 19-Sep-2013 18:29:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-16SE-WT Instrument ID: CVOAMS2
Lims Batch ID: 182095 Lims Sample ID: 18
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-1-butenyl)-	53172-84-2	NIST02.L	20719	90



Report Date: 20-Sep-2013 17:32:29 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60684.D

Injection Date: 19-Sep-2013 18:29:30 Limit Group: VOA - 8260B Water and Solid

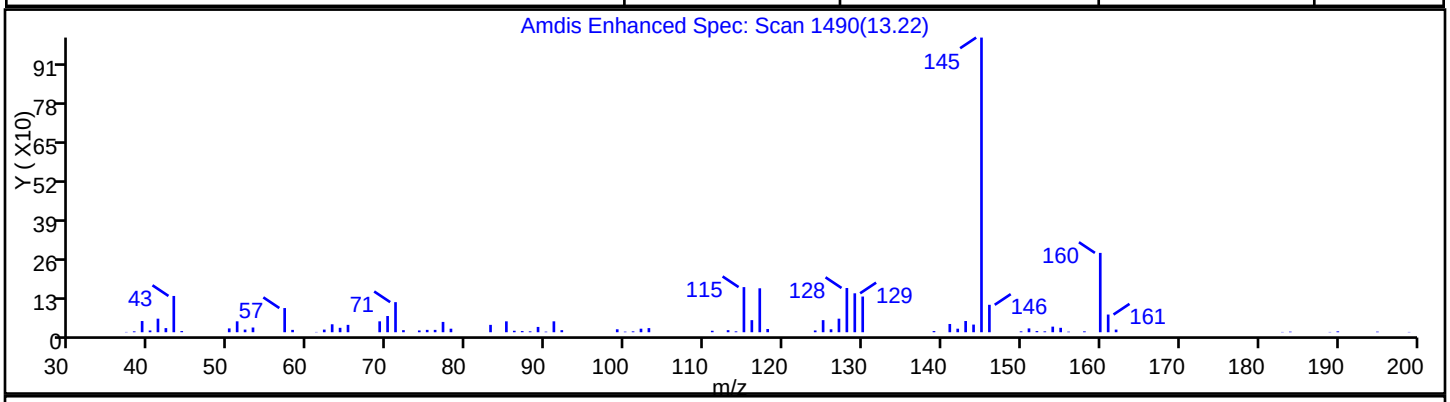
Client ID: PMP-16SE-WT Instrument ID: CVOAMS2

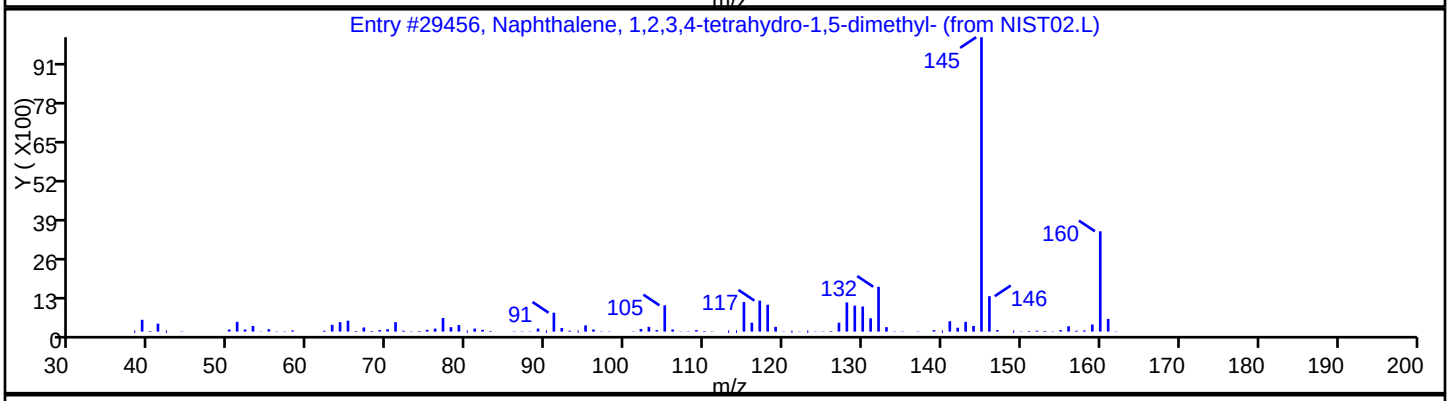
Lims Batch ID: 182095 Lims Sample ID: 18

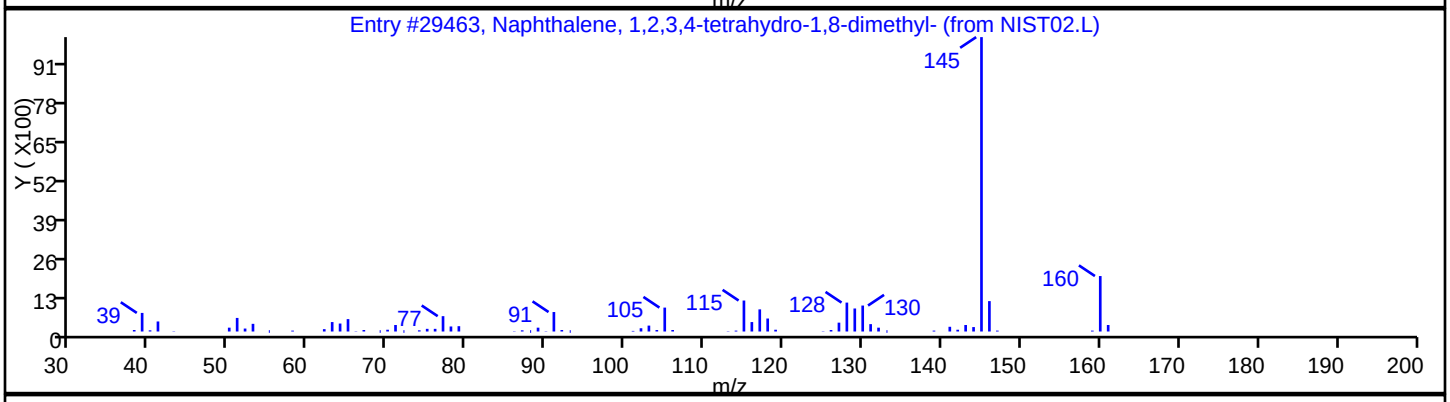
Operator ID: Purge Vol: 5.000 mL

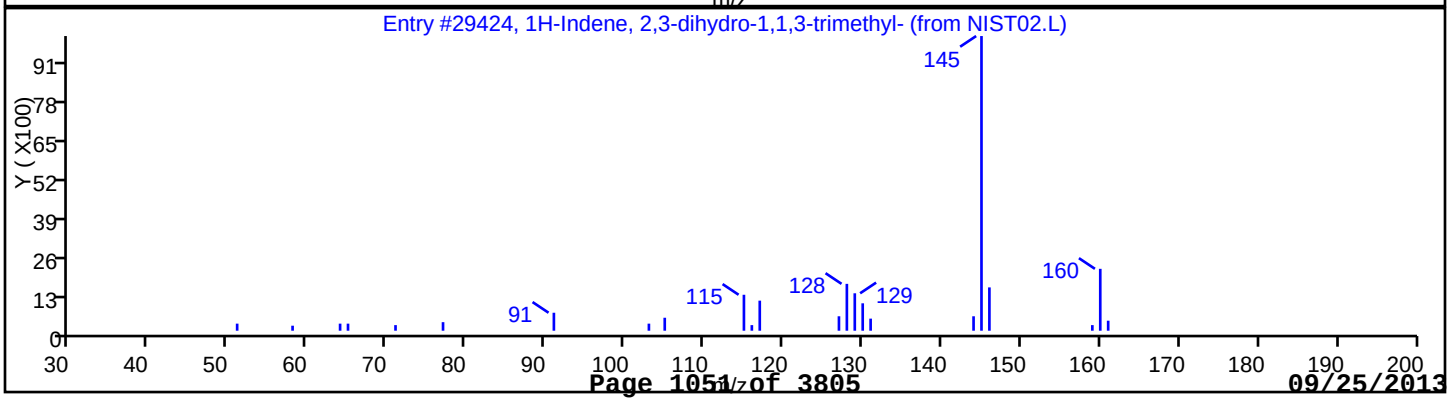
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 1,2,3,4-tetrahydro-1,5-dime	21564-91-0	NIST02.L	29456	91
Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	25419-33-4	NIST02.L	29463	91
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	2613-76-5	NIST02.L	29424	90









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-SI | Lab Sample ID: 460-62968-19

Matrix: Solid | Lab File ID: B60709.D

Analysis Method: 8260B | Date Collected: 09/12/2013 11:40

Sample wt/vol: 6.08(g) | Date Analyzed: 09/20/2013 03:47

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.: 182277 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	9.3	U	96	9.3
74-83-9	Bromomethane	17	U	96	17
75-01-4	Vinyl chloride	14	U	96	14
75-00-3	Chloroethane	16	U	96	16
75-09-2	Methylene Chloride	17	U	96	17
67-64-1	Acetone	260	U	480	260
75-15-0	Carbon disulfide	12	U	96	12
75-69-4	Trichlorofluoromethane	14	U	96	14
75-35-4	1,1-Dichloroethene	8.5	U	96	8.5
75-34-3	1,1-Dichloroethane	13	U	96	13
156-60-5	trans-1,2-Dichloroethene	12	U	96	12
156-59-2	cis-1,2-Dichloroethene	17	U	96	17
67-66-3	Chloroform	7.5	U	96	7.5
78-93-3	2-Butanone	220	U	480	220
107-06-2	1,2-Dichloroethane	18	U	96	18
71-55-6	1,1,1-Trichloroethane	6.0	U	96	6.0
56-23-5	Carbon tetrachloride	5.5	U	96	5.5
71-43-2	Benzene	7.9	U	96	7.9
75-25-2	Bromoform	18	U	96	18
100-42-5	Styrene	11	U	96	11
100-41-4	Ethylbenzene	300		96	9.2
108-90-7	Chlorobenzene	11	U	96	11
110-82-7	Cyclohexane	15	U	96	15
98-82-8	Isopropylbenzene	94	J	96	7.3
591-78-6	2-Hexanone	48	U	480	48
1634-04-4	MTBE	13	U	96	13
76-13-1	Freon TF	7.9	U	96	7.9
79-20-9	Methyl acetate	32	U	480	32
123-91-1	1,4-Dioxane	3500	U	4800	3500
79-01-6	Trichloroethene	8.8	U	96	8.8
108-88-3	Toluene	14	U	96	14
10061-02-6	trans-1,3-Dichloropropene	23	U	96	23
108-10-1	4-Methyl-2-pentanone	95	U	480	95
10061-01-5	cis-1,3-Dichloropropene	18	U	96	18
95-50-1	1,2-Dichlorobenzene	20	U	96	20
541-73-1	1,3-Dichlorobenzene	13	U	96	13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-SI | Lab Sample ID: 460-62968-19

Matrix: Solid | Lab File ID: B60709.D

Analysis Method: 8260B | Date Collected: 09/12/2013 11:40

Sample wt/vol: 6.08(g) | Date Analyzed: 09/20/2013 03:47

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.: 182277 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	22	U	96	22
120-82-1	1,2,4-Trichlorobenzene	710		96	33
87-61-6	1,2,3-Trichlorobenzene	2700		96	49
78-87-5	1,2-Dichloropropane	8.2	U	96	8.2
108-87-2	Methylcyclohexane	170		96	13
127-18-4	Tetrachloroethene	9.3	U	96	9.3
1330-20-7	Xylenes, Total	130	J	290	34
96-12-8	1,2-Dibromo-3-Chloropropane	38	U	96	38
79-34-5	1,1,2,2-Tetrachloroethane	15	U	96	15
79-00-5	1,1,2-Trichloroethane	18	U	96	18
124-48-1	Dibromochloromethane	19	U	96	19
106-93-4	1,2-Dibromoethane	26	U	96	26
75-71-8	Dichlorodifluoromethane	21	U	96	21
74-97-5	Bromochloromethane	26	U	96	26
75-27-4	Bromodichloromethane	12	U	96	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-SI | Lab Sample ID: 460-62968-19

Matrix: Solid | Lab File ID: B60709.D

Analysis Method: 8260B | Date Collected: 09/12/2013 11:40

Sample wt/vol: 6.08(g) | Date Analyzed: 09/20/2013 03:47

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.: 182277 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 60400

CAS NO.	COMPOUND NAME	RT	RESULT	Q
52897-04-8	Hexane, 3-ethyl-2,5-dimethyl-	11.58	4100	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	12.41	5000	J N
629-50-5	Tridecane	12.71	5800	J N
40650-41-7	1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	13.15	4400	J N
5557-93-7	Benzene, 1-(1-methylethenyl)-2-(1-methyl	13.22	6900	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	13.40	5900	J N
91-57-6	Naphthalene, 2-methyl-	13.64	12000	J N
90-12-0	Naphthalene, 1-methyl-	13.84	6200	J N
629-59-4	Tetradecane	14.71	5700	J N
581-42-0	Naphthalene, 2,6-dimethyl-	14.92	4400	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60709.D		
Lims ID:	460-62968-A-19-A	Client ID:	PMP-16SE-SI
Inject. Date:	20-Sep-2013 03:47:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62968-A-19-A		
Misc. Info.:	460-0004826-014		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	13
Lims Batch ID:	182277	Lims Sample ID:	14
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 10:40:03

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	325800	1000.0	
$ 57 Dibromofluoromethane (Surr)	113	4.492	4.492	0.0	97	177623	42.0	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.887	0.0	96	279641	44.5	
* 58 Fluorobenzene	96	5.216	5.216	0.0	97	677440	50.0	
62 Methylcyclohexane	83	5.776	5.776	0.0	77	5107	1.72	
* 65 1,4-Dioxane-d8	96	6.072	6.081	-0.009	88	35428	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.208	7.208	0.0	96	561591	39.1	
* 87 Chlorobenzene-d5	117	8.772	8.772	0.0	89	575151	50.0	
89 Ethylbenzene	106	8.879	8.879	0.0	99	17037	3.13	
91 m-Xylene & p-Xylene	106	9.002	8.994	0.008	99	9116	1.37	
96 Isopropylbenzene	105	9.685	9.685	0.0	95	16706	0.9846	
$ 97 4-Bromofluorobenzene	174	9.858	9.858	0.0	88	242246	42.8	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	96	337898	50.0	
127 1,2,4-Trichlorobenzene	180	12.368	12.368	0.0	84	37039	7.39	
131 1,2,3-Trichlorobenzene	180	12.788	12.788	0.0	86	99356	27.8	
S 134 Xylenes, Total	100				0		1.37	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60709.D		
Lims ID:	460-62968-A-19-A	Client ID:	PMP-16SE-SI
Inject. Date:	20-Sep-2013 03:47:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62968-A-19-A		
Misc. Info.:	460-0004826-014		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	13
Lims Batch ID:	182277	Lims Sample ID:	14
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 10:40:03

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	52897-04-8 Hexane, 3-ethyl-2,5-dimethyl-					
11.578	1727988	42.4	115	87	18492	
	56253-64-6 Benzene, (2-methyl-1-butenyl)-					
12.409	2119843	52.0	115	94	20721	
	629-50-5 Tridecane					
12.705	2462681	60.4	115	95	45543	
	40650-41-7 1H-Indene, 2,3-dihydro-1,1,5-trimethyl-					
13.150	1873856	45.9	115	90	29423	
	5557-93-7 Benzene, 1-(1-methylethenyl)-2-(1-methyl					
13.216	2928148	71.8	115	91	29468	
	31295-56-4 Dodecane, 2,6,11-trimethyl-					
13.397	2507167	61.5	115	86	64586	
	91-57-6 Naphthalene, 2-methyl-					
13.635	4974592	121.9	115	91	18501	
	90-12-0 Naphthalene, 1-methyl-					
13.841	2621466	64.3	115	96	18499	I
	629-59-4 Tetradecane					
14.705	2418023	59.3	115	95	55009	
	581-42-0 Naphthalene, 2,6-dimethyl-					
14.919	1864919	45.7	115	98	27167	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 115 1,4-Dichlorobenzene-d4	10.813	2039655	50.0

QC Flag Legend

Processing Flags

Review Flags
I - User Selected Library Match

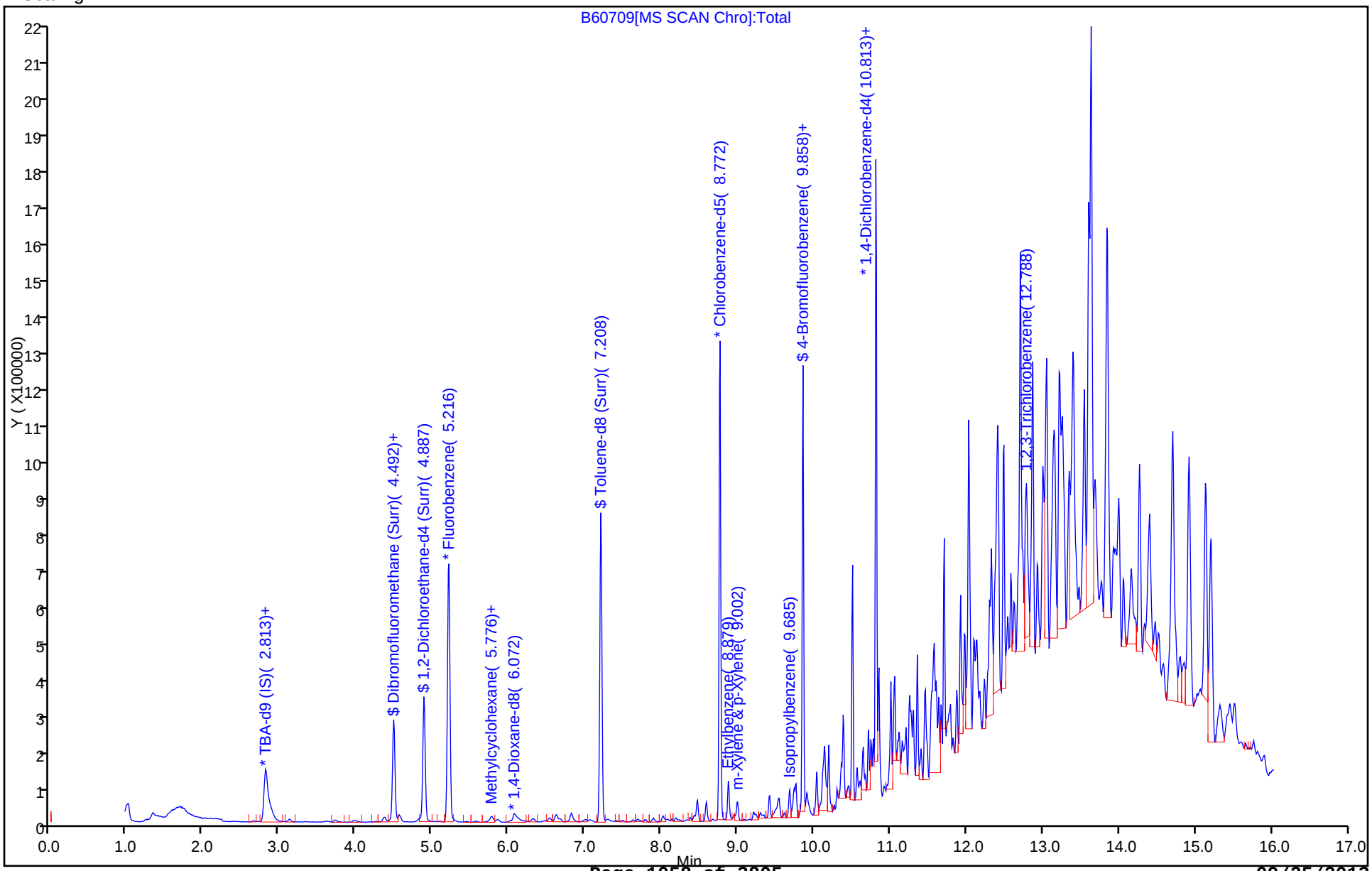
Report Date: 20-Sep-2013 11:01:00 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60709.D

Injection Date:	20-Sep-2013 03:47:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	14
Operator ID:		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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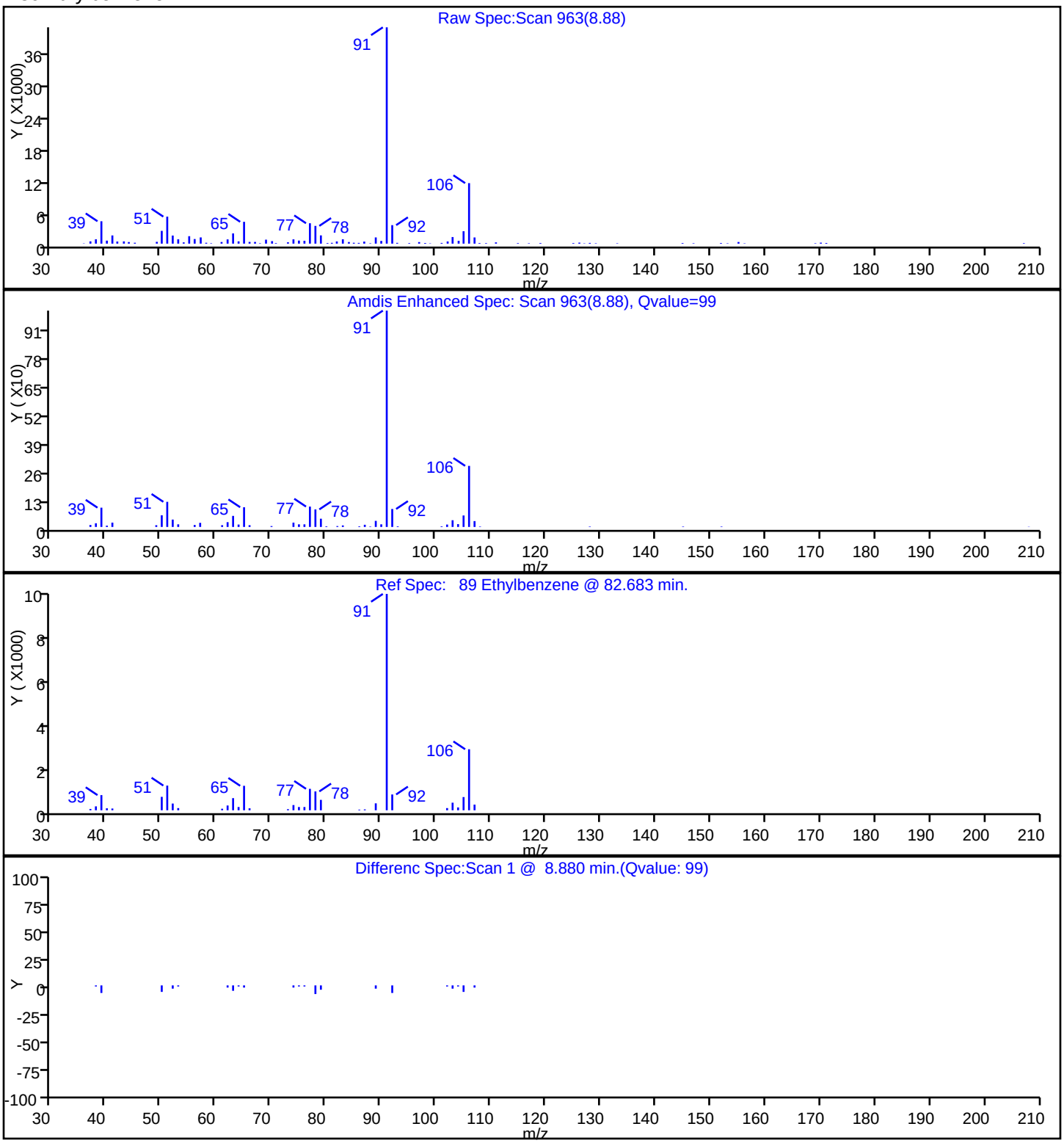
Injection Date:	20-Sep-2013 03:47:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	14
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

89 Ethylbenzene



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TestAmerica Edison

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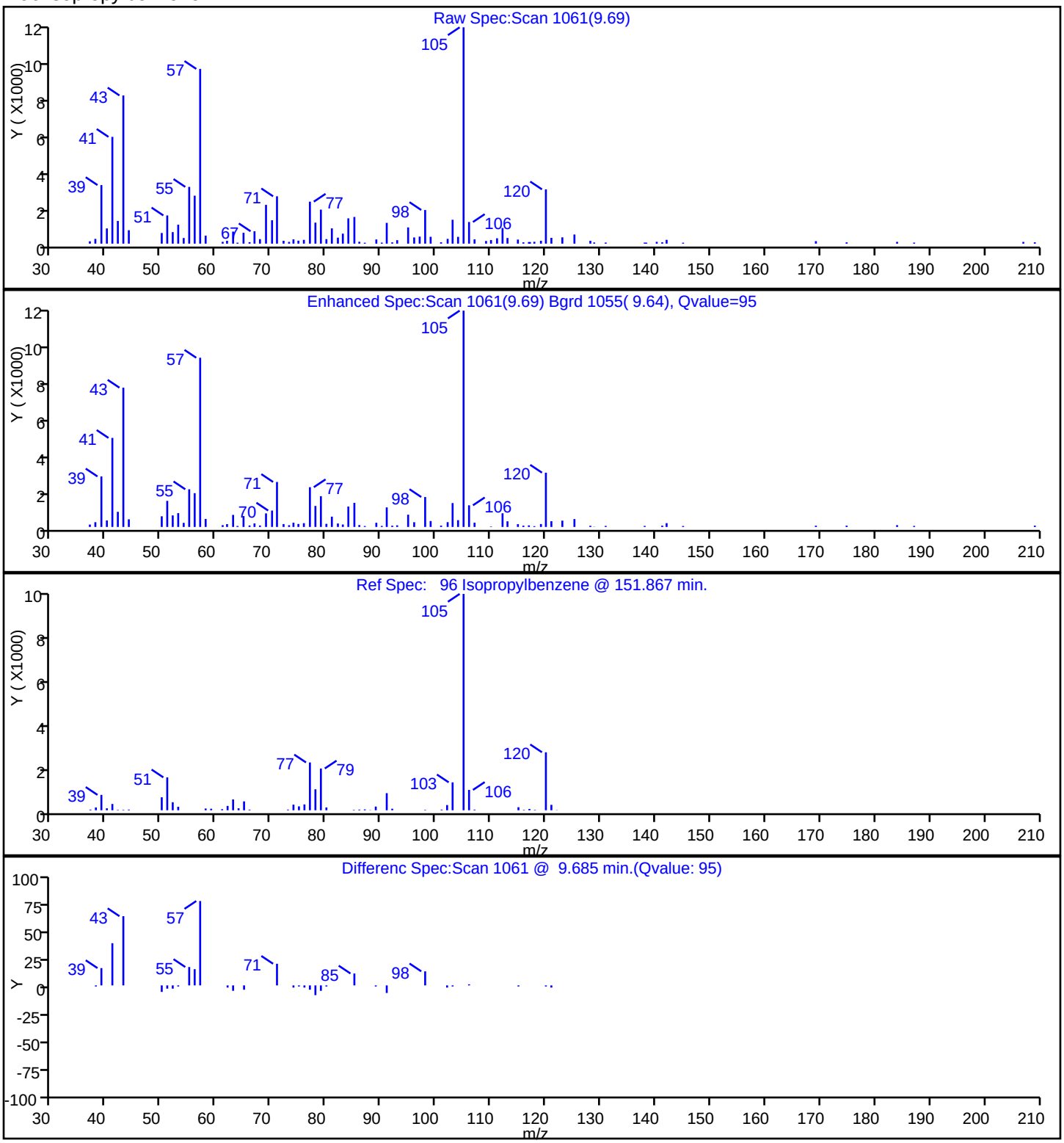
Injection Date:	20-Sep-2013 03:47:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	14
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

96 Isopropylbenzene



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TestAmerica Edison

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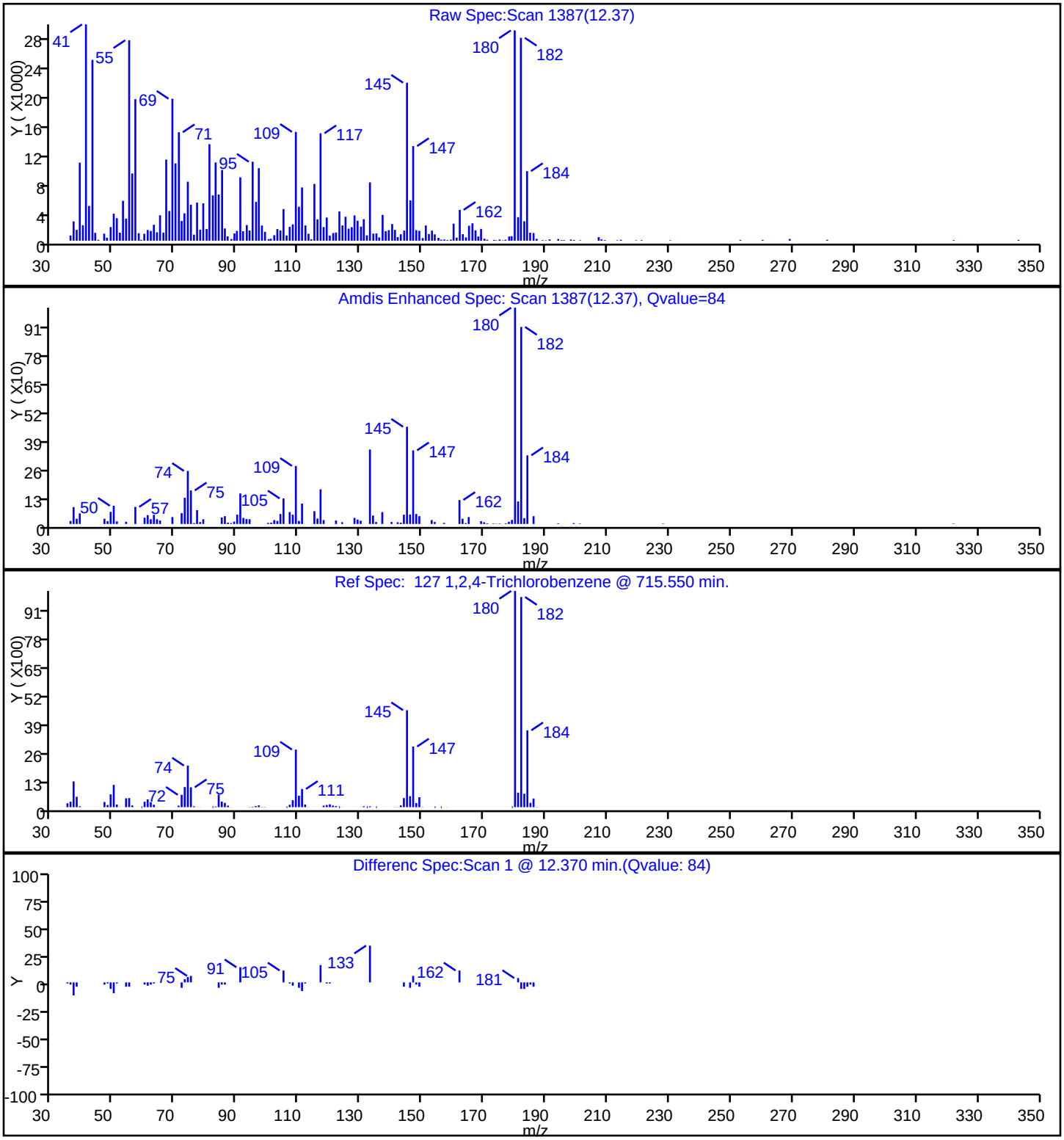
Injection Date:	20-Sep-2013 03:47:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	14
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

127 1,2,4-Trichlorobenzene



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TestAmerica Edison

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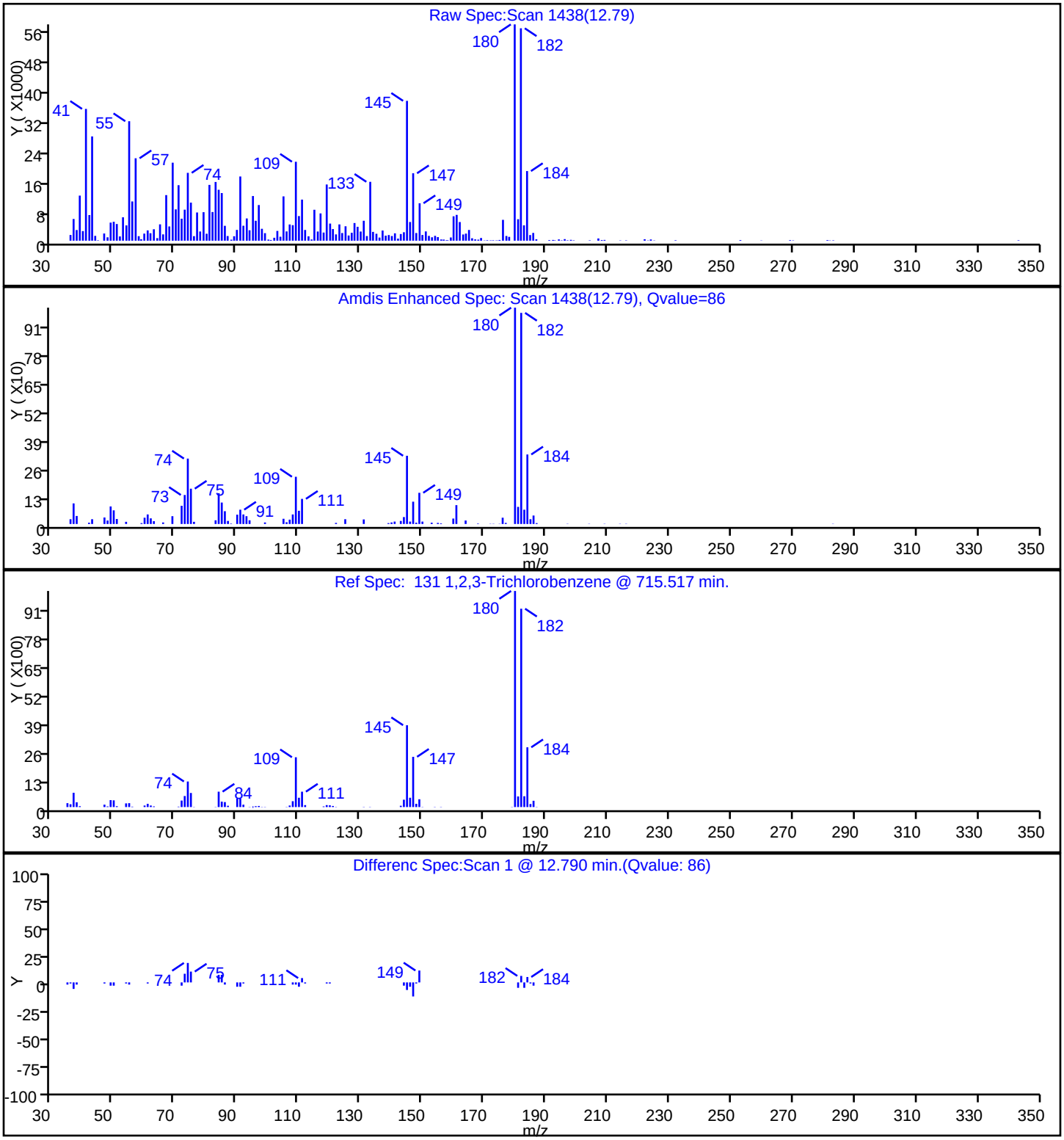
Injection Date:	20-Sep-2013 03:47:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	14
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

131 1,2,3-Trichlorobenzene



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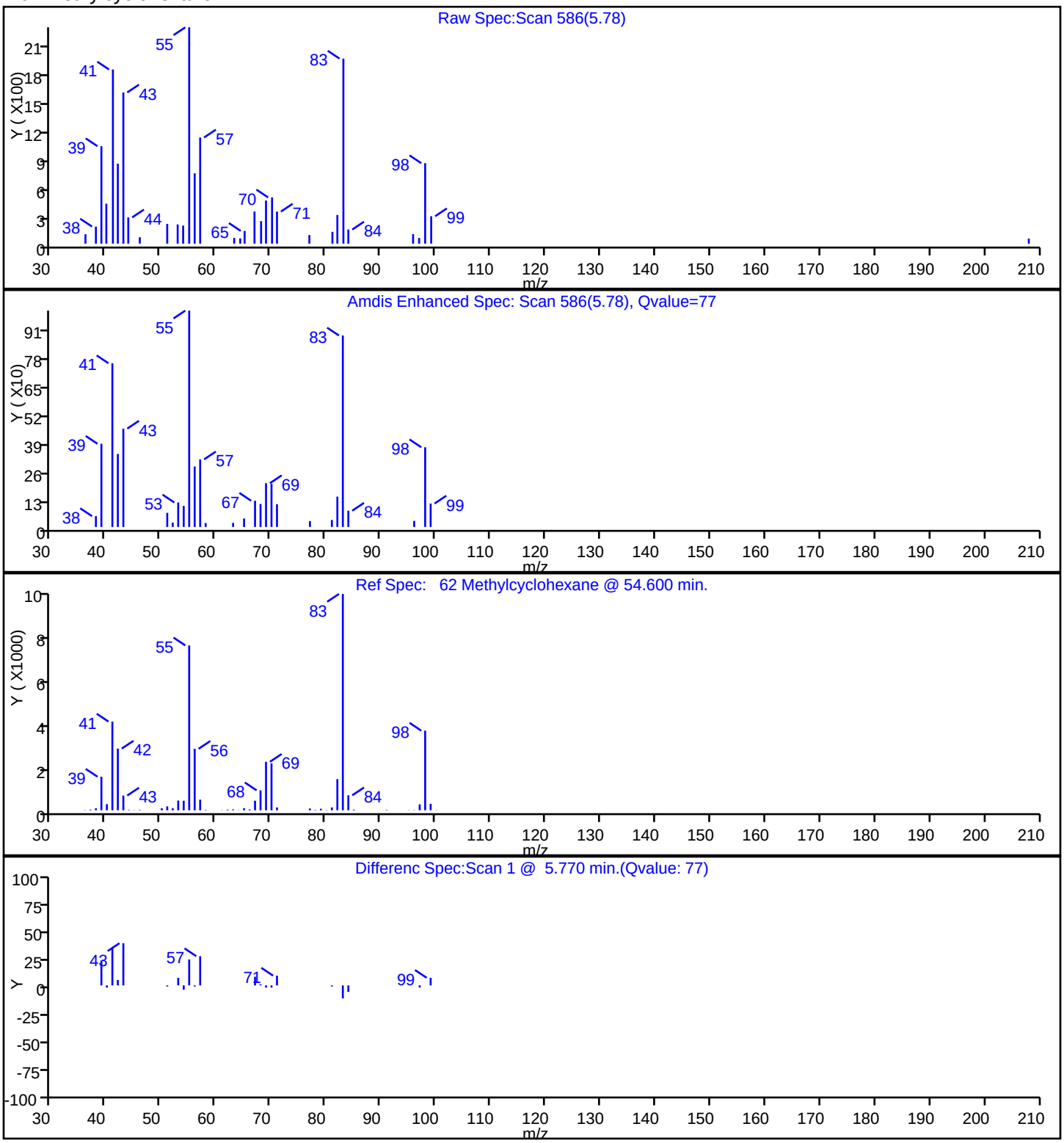
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60709.D

Injection Date:	20-Sep-2013 03:47:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	14
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

62 Methylcyclohexane



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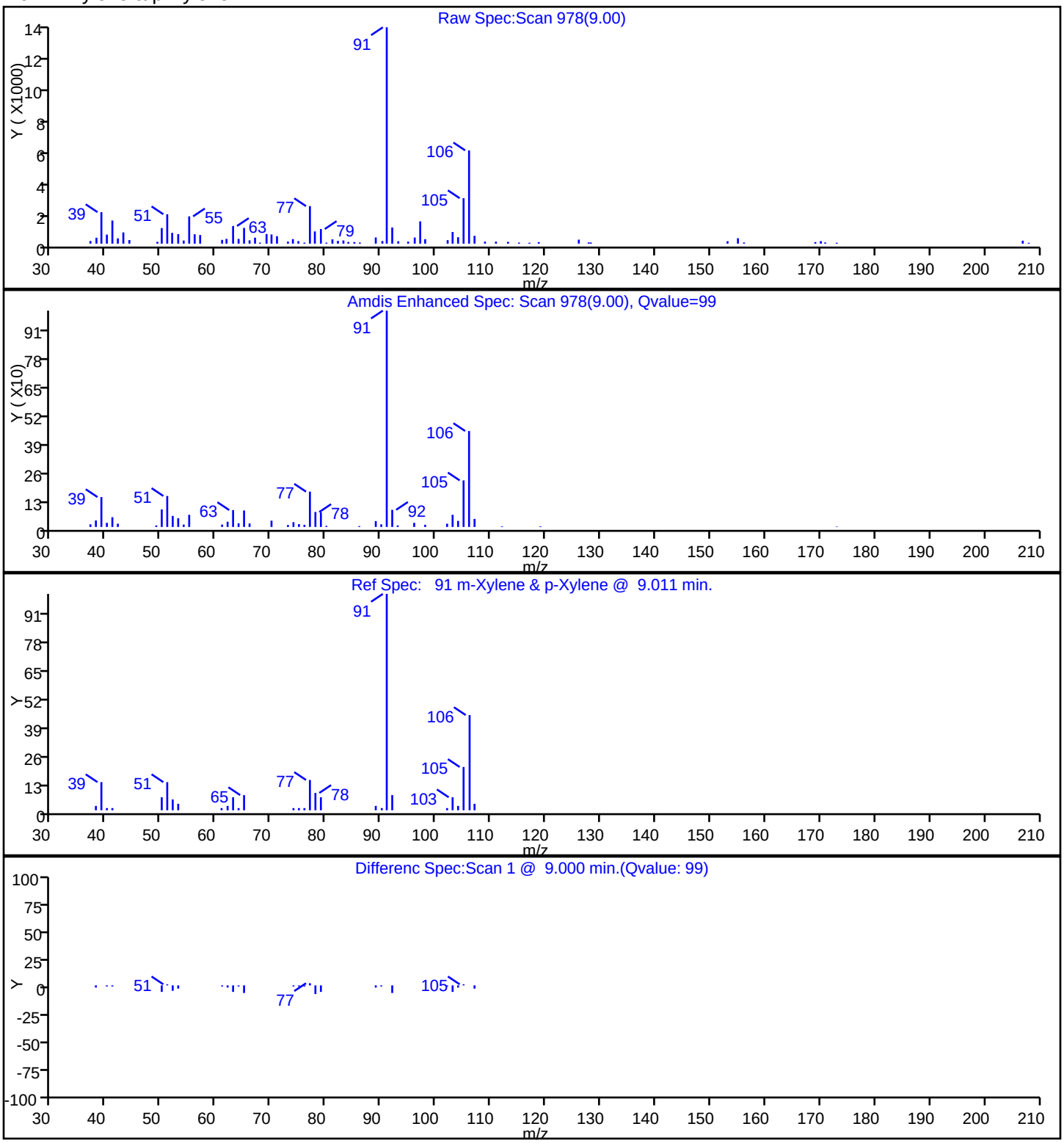
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60709.D

Injection Date:	20-Sep-2013 03:47:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	14
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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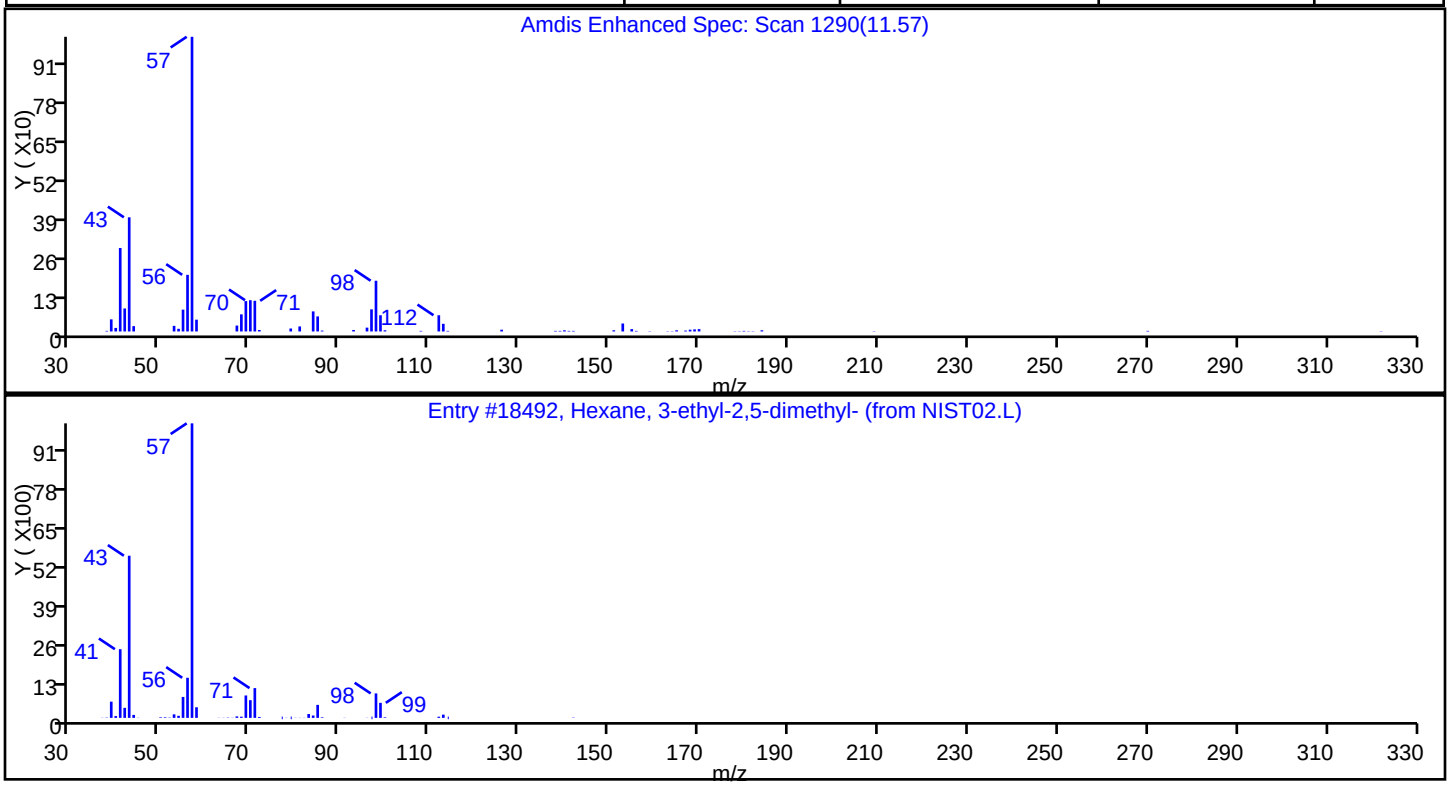
Injection Date: 20-Sep-2013 03:47:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-16SE-SI Instrument ID: CVOAMS2
Lims Batch ID: 182277 Lims Sample ID: 14
Operator ID: Purge Vol: 5.000 mL
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexane, 3-ethyl-2,5-dimethyl-	52897-04-8	NIST02.L	18492	87



Report Date: 20-Sep-2013 11:01:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60709.D

Injection Date: 20-Sep-2013 03:47:30 Limit Group: VOA - 8260B Water and Solid

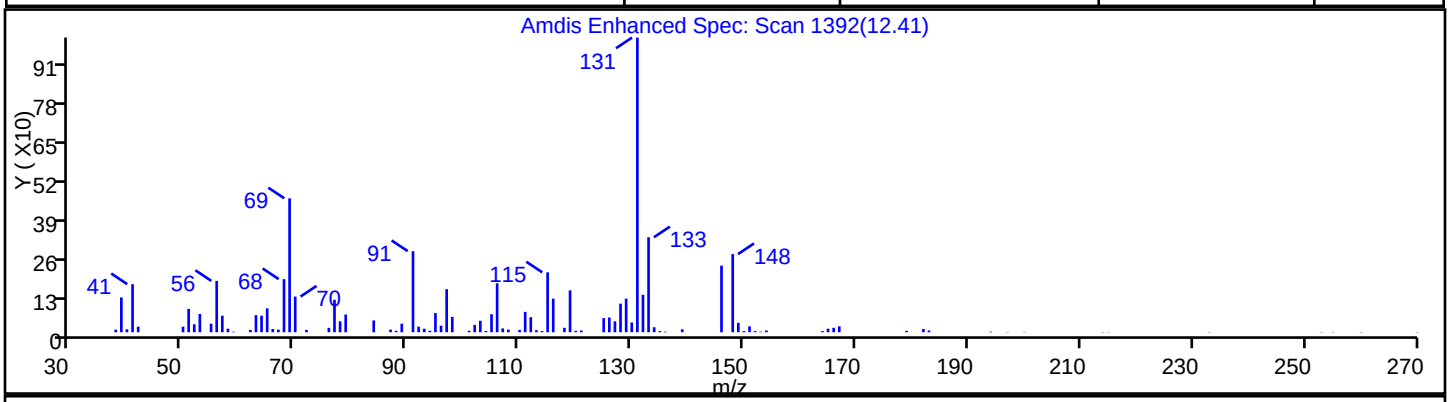
Client ID: PMP-16SE-SI Instrument ID: CVOAMS2

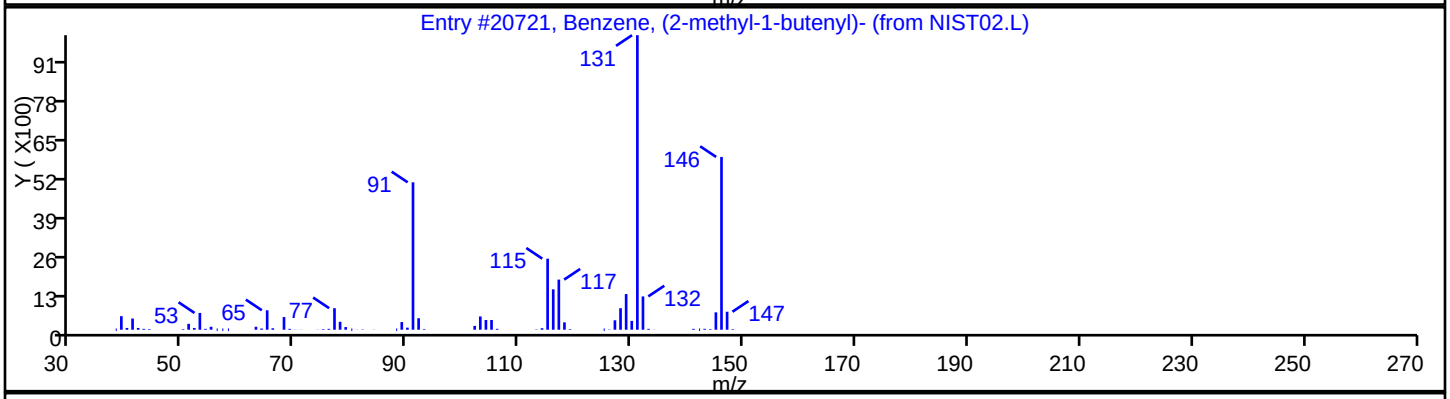
Lims Batch ID: 182277 Lims Sample ID: 14

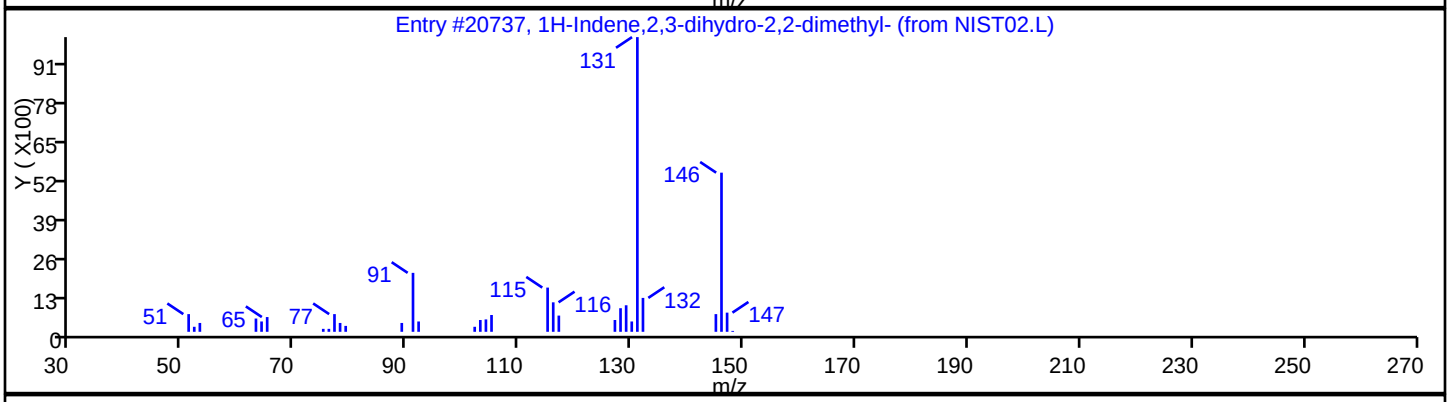
Operator ID: Purge Vol: 5.000 mL

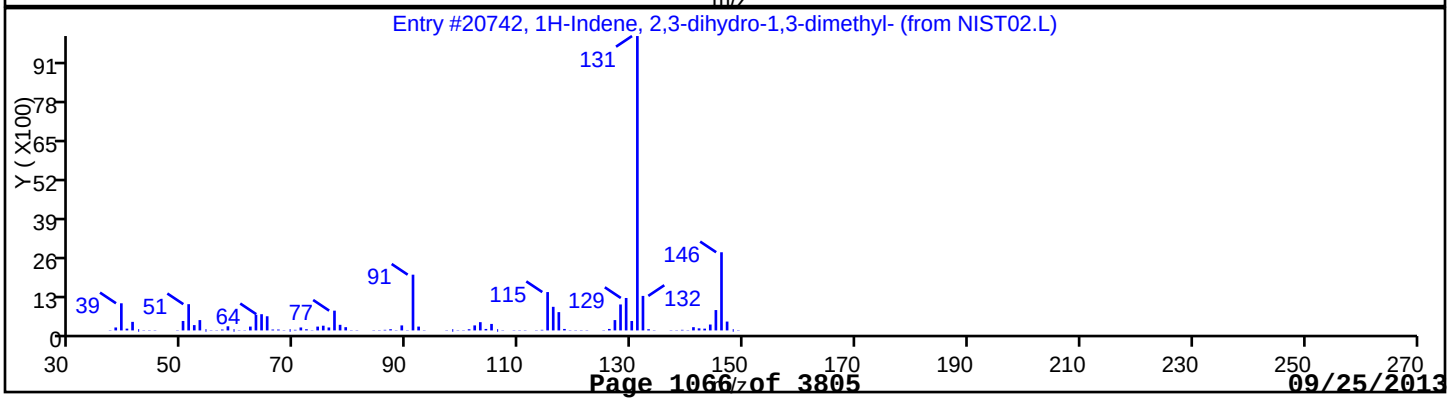
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.L	20721	94
1H-Indene,2,3-dihydro-2,2-dimethyl-	20836-11-7	NIST02.L	20737	76
1H-Indene, 2,3-dihydro-1,3-dimethyl-	4175-53-5	NIST02.L	20742	70









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TestAmerica Edison

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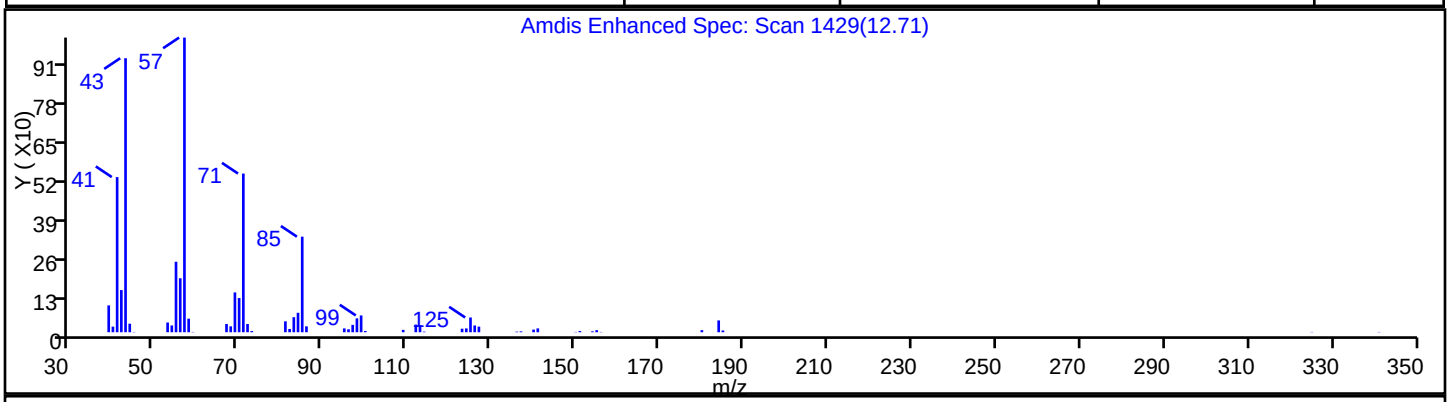
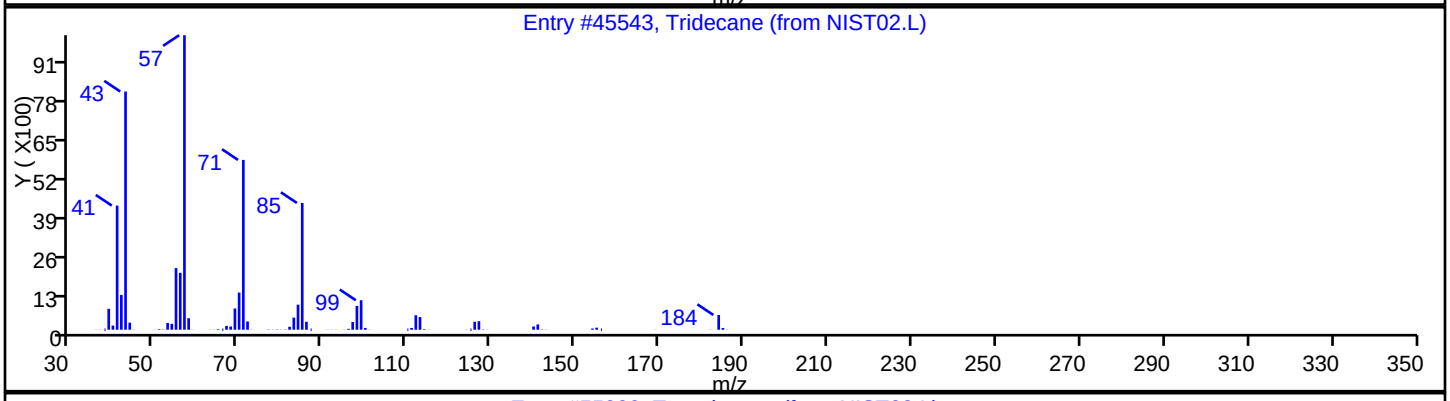
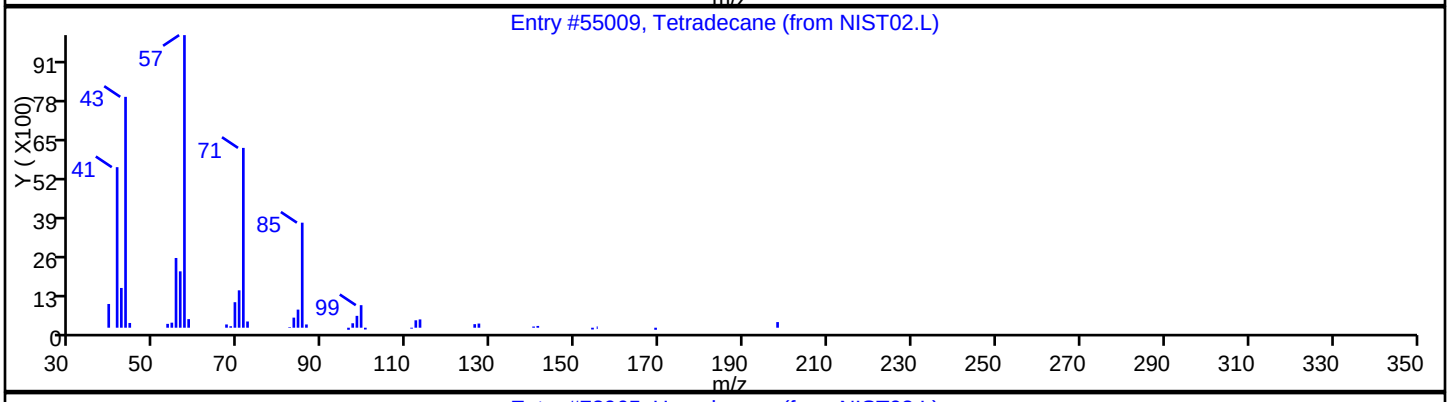
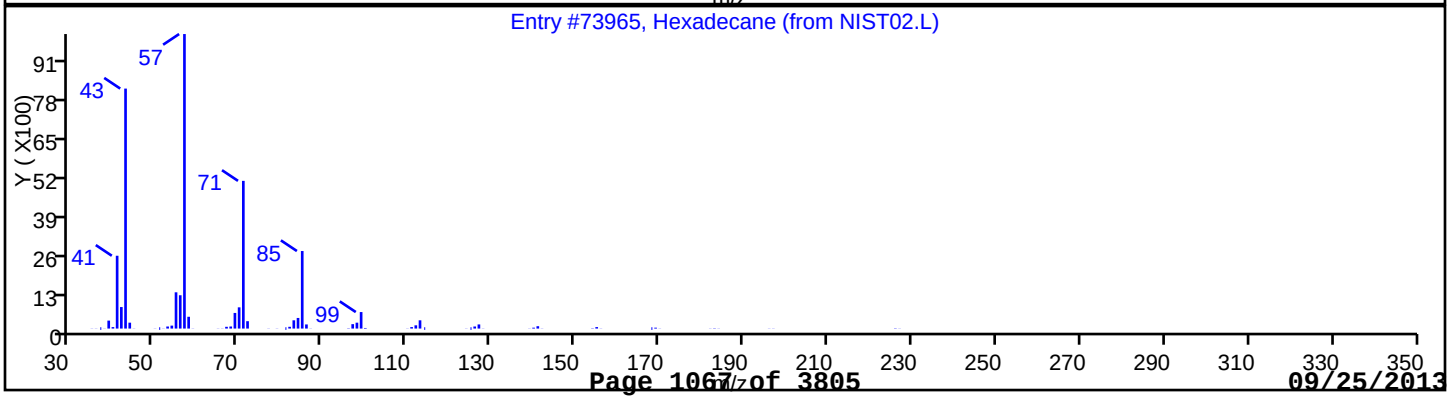
Injection Date:	20-Sep-2013 03:47:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	14
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tridecane	629-50-5	NIST02.L	45543	95
Tetradecane	629-59-4	NIST02.L	55009	86
Hexadecane	544-76-3	NIST02.L	73965	80









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TestAmerica Edison

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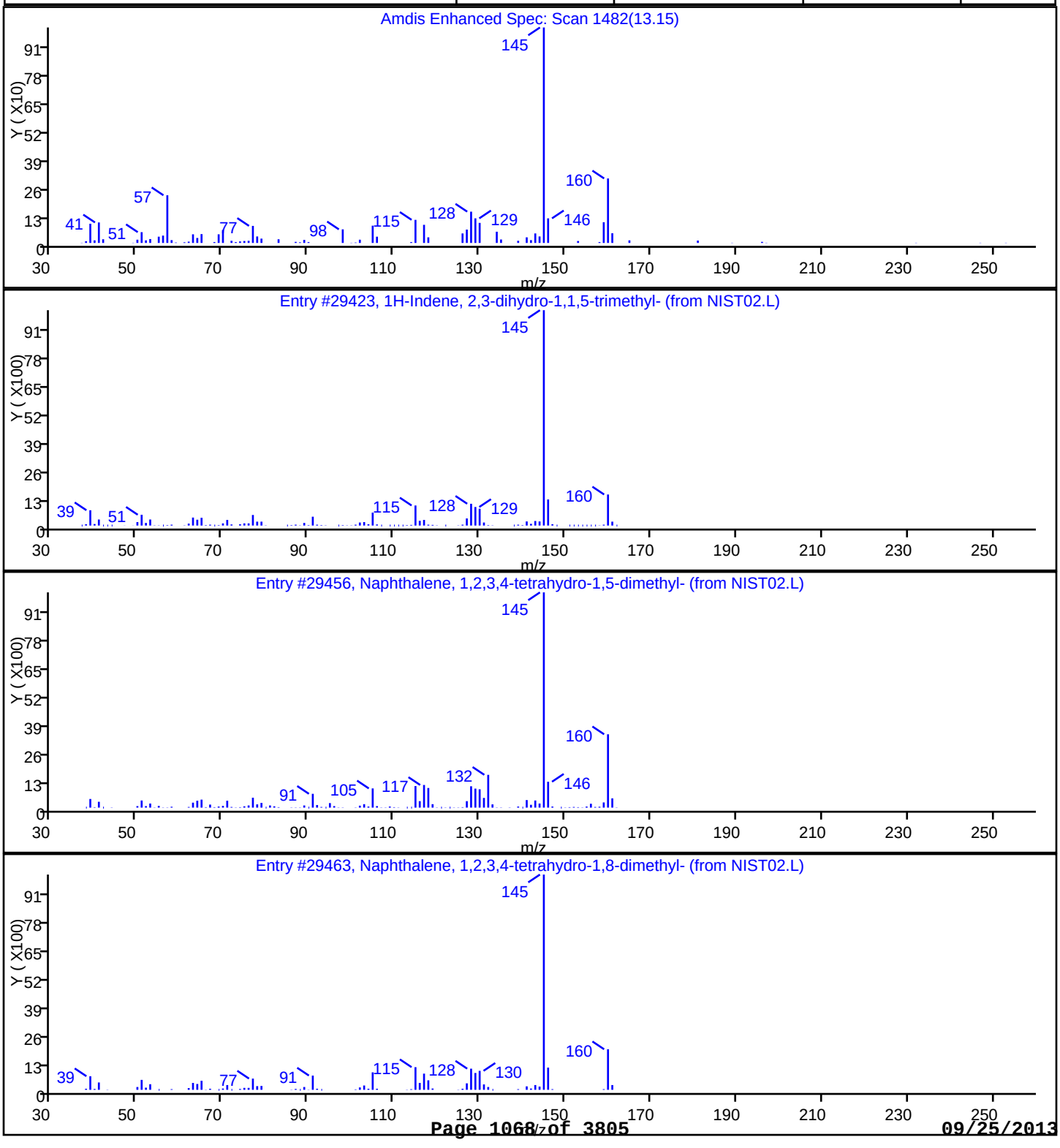
Injection Date:	20-Sep-2013 03:47:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	14
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	40650-41-7	NIST02.L	29423	90
Naphthalene, 1,2,3,4-tetrahydro-1,5-dime	21564-91-0	NIST02.L	29456	90
Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	25419-33-4	NIST02.L	29463	90



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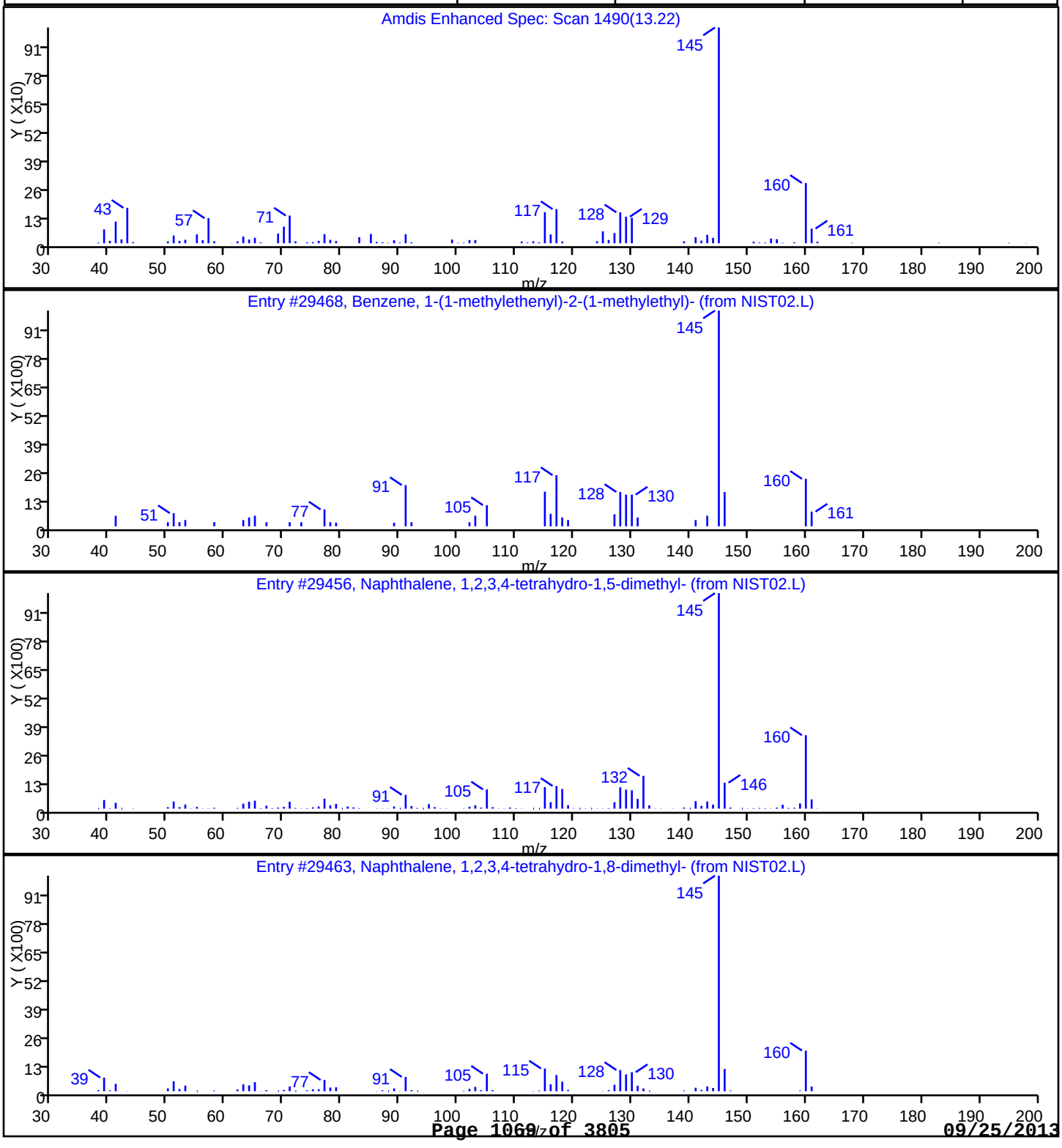
Injection Date:	20-Sep-2013 03:47:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	14
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

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-1,5-dime	21564-91-0	NIST02.L	29456	90
Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	25419-33-4	NIST02.L	29463	90



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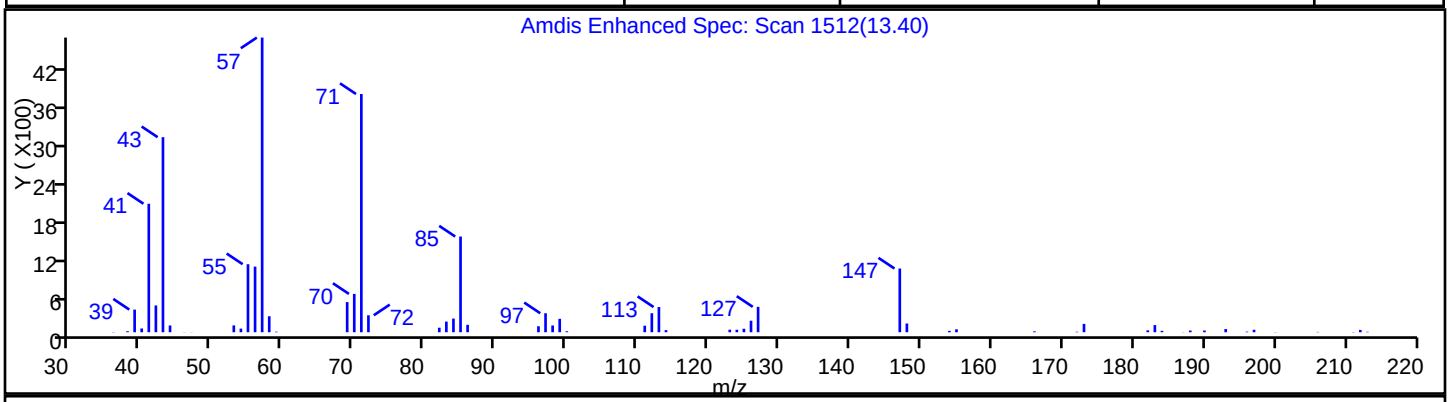
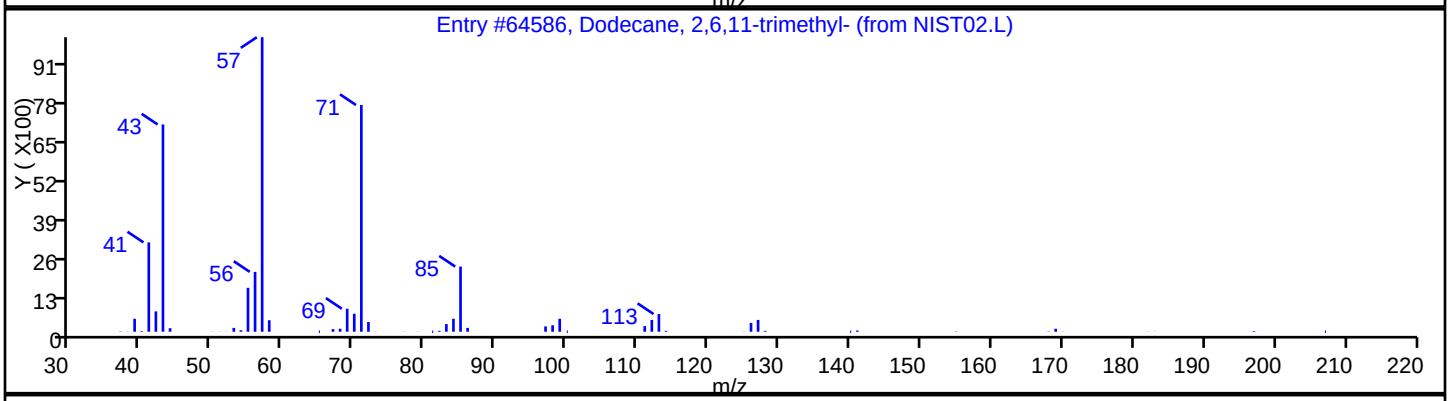
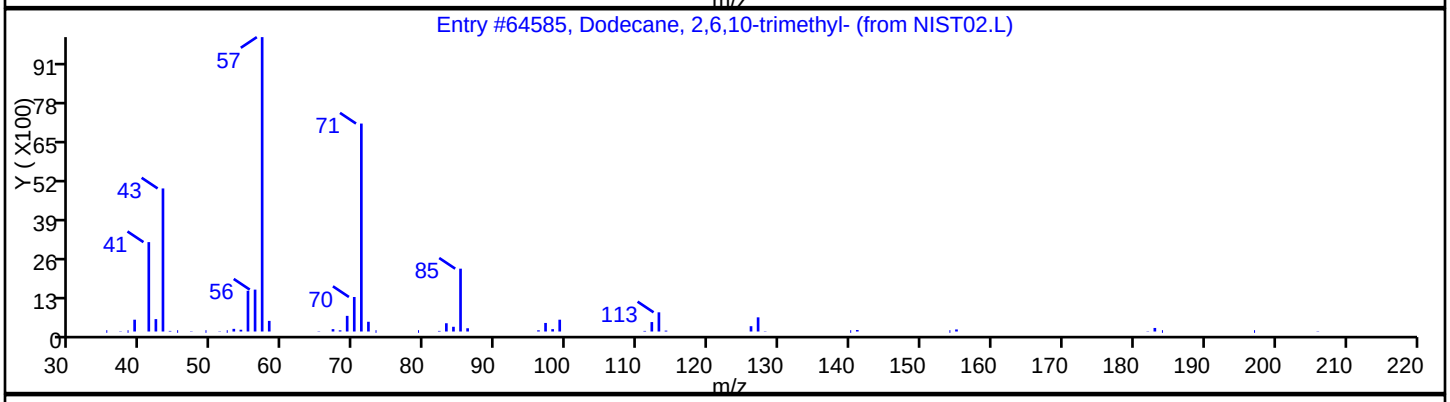
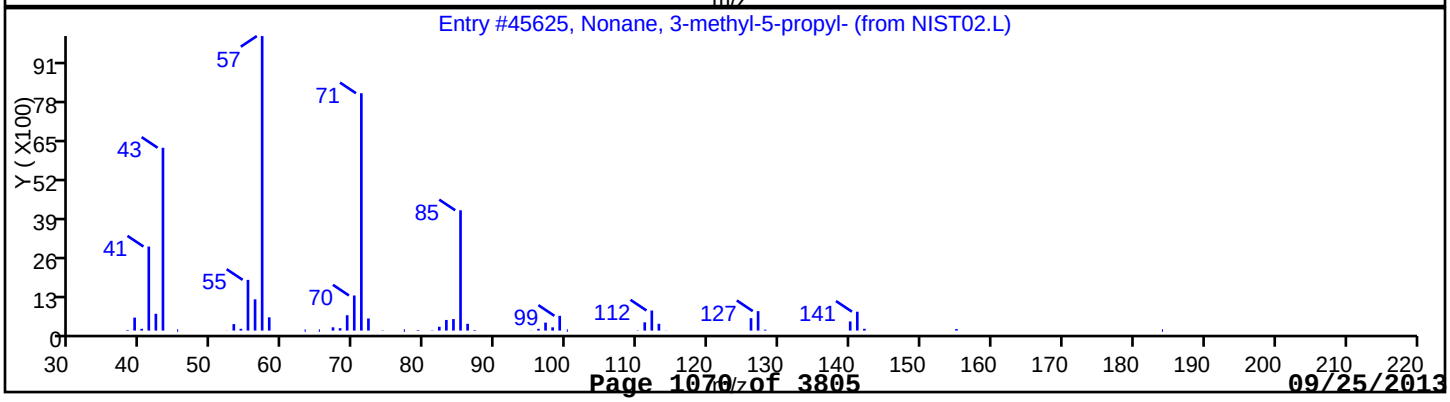
Injection Date:	20-Sep-2013 03:47:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	14
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64586	86
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64585	72
Nonane, 3-methyl-5-propyl-	31081-18-2	NIST02.L	45625	72









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Injection Date: 20-Sep-2013 03:47:30 Limit Group: VOA - 8260B Water and Solid

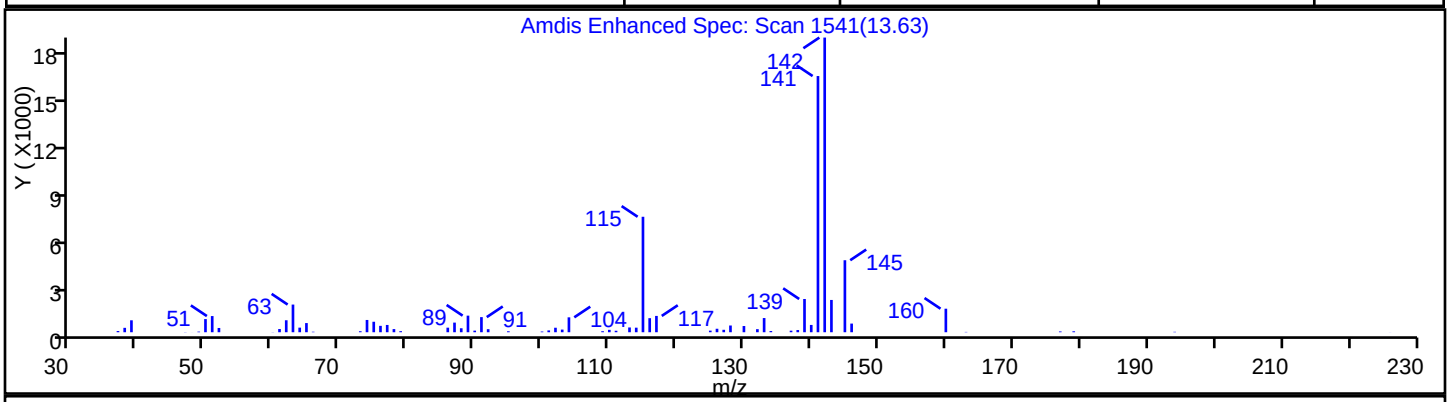
Client ID: PMP-16SE-SI Instrument ID: CVOAMS2

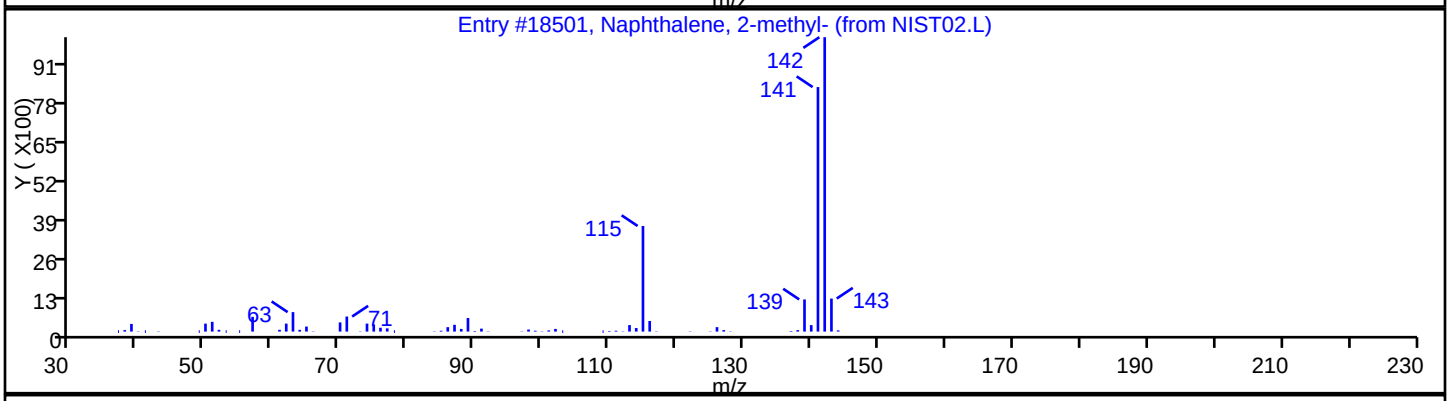
Lims Batch ID: 182277 Lims Sample ID: 14

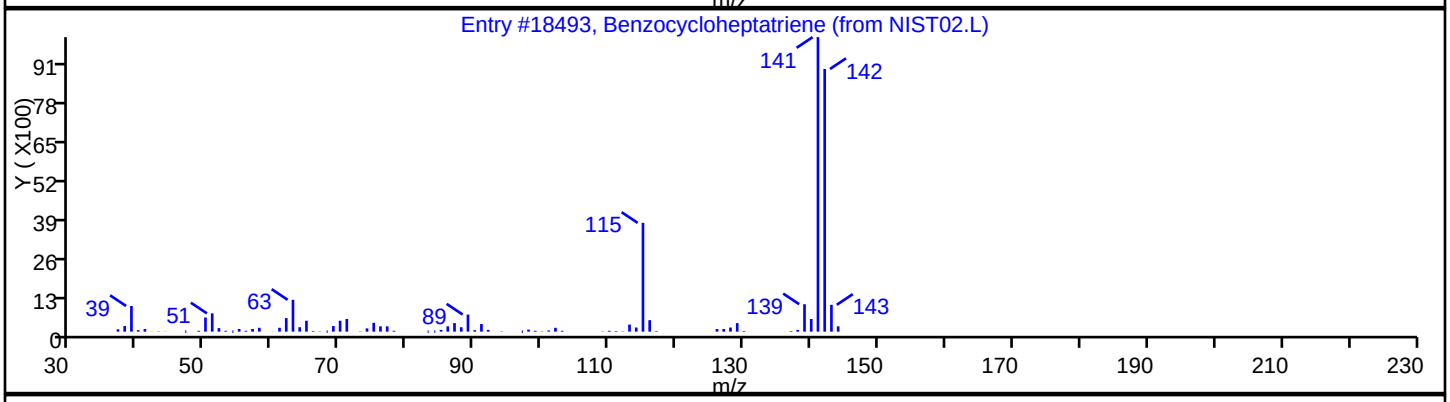
Operator ID: Purge Vol: 5.000 mL

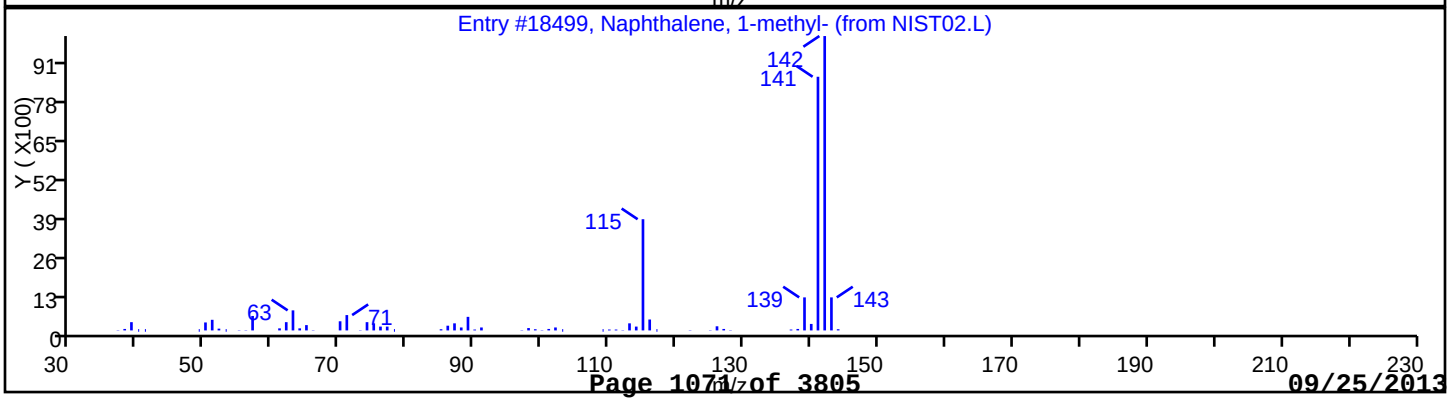
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	91
Benzocycloheptatriene	264-09-5	NIST02.L	18493	91
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	91









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Injection Date: 20-Sep-2013 03:47:30 Limit Group: VOA - 8260B Water and Solid

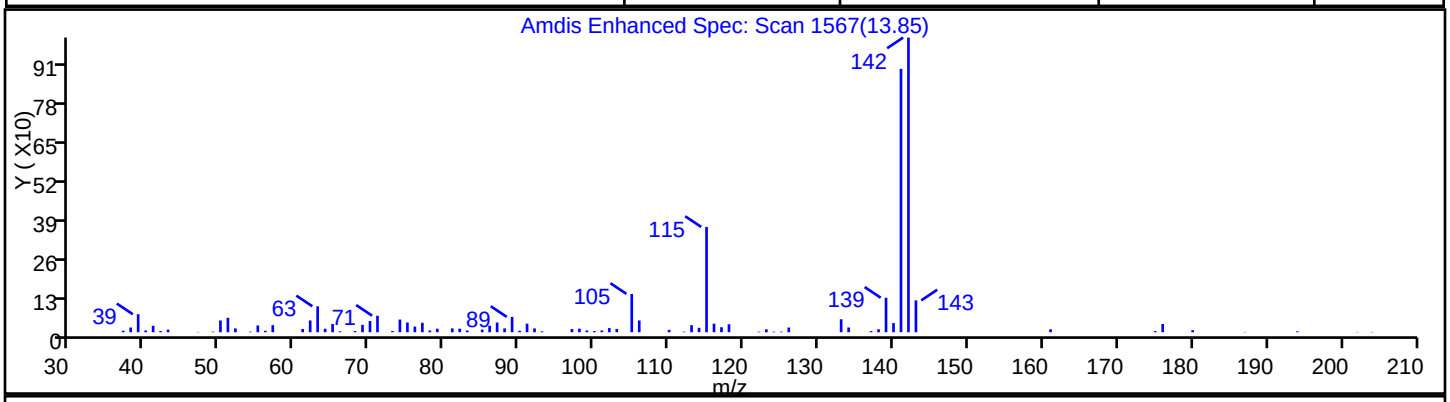
Client ID: PMP-16SE-SI Instrument ID: CVOAMS2

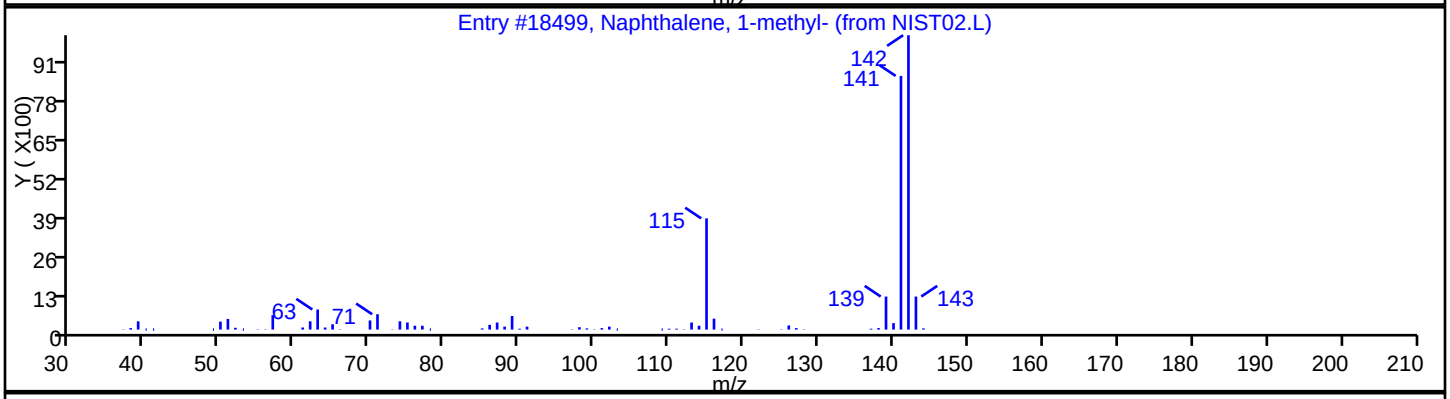
Lims Batch ID: 182277 Lims Sample ID: 14

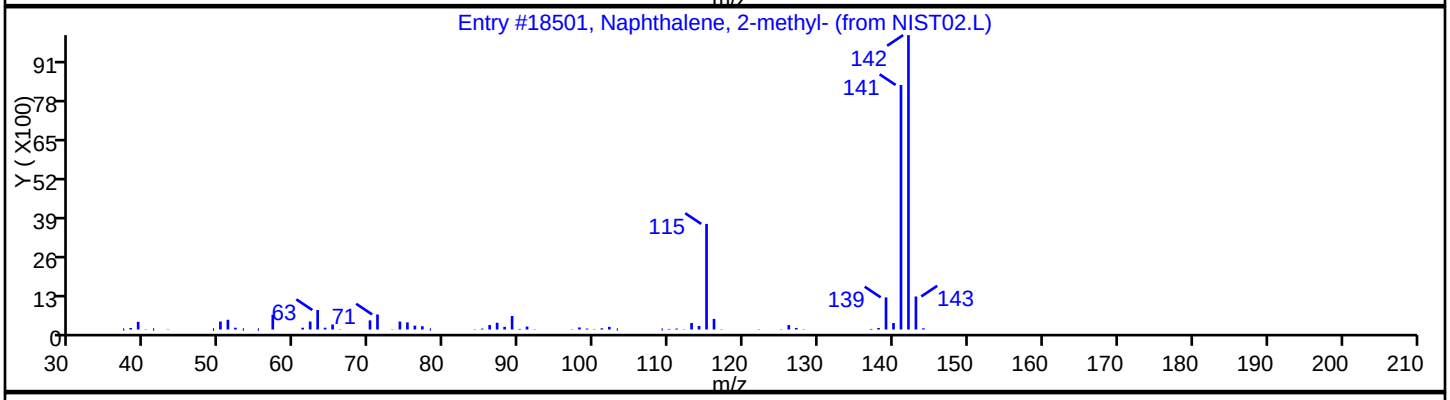
Operator ID: Purge Vol: 5.000 mL

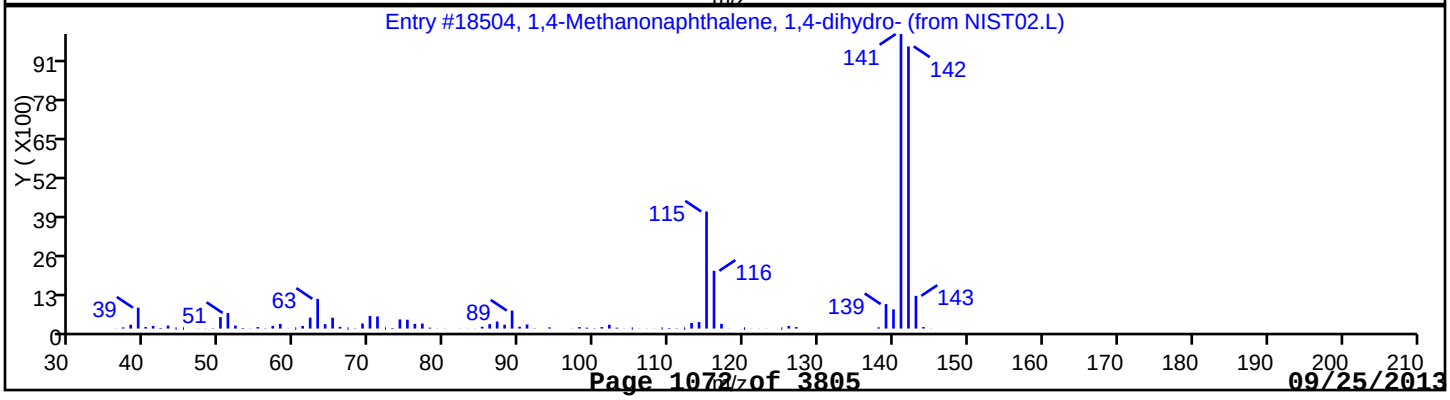
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	96
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	96
1,4-Methanonaphthalene, 1,4-dihydro-	4453-90-1	NIST02.L	18504	93









Report Date: 20-Sep-2013 11:01:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60709.D

Injection Date: 20-Sep-2013 03:47:30 Limit Group: VOA - 8260B Water and Solid

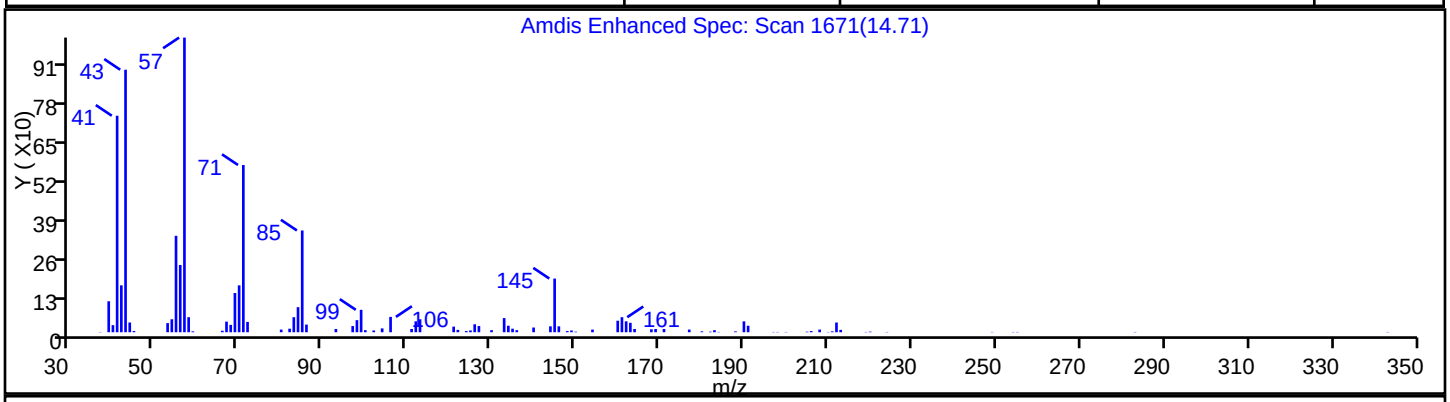
Client ID: PMP-16SE-SI Instrument ID: CVOAMS2

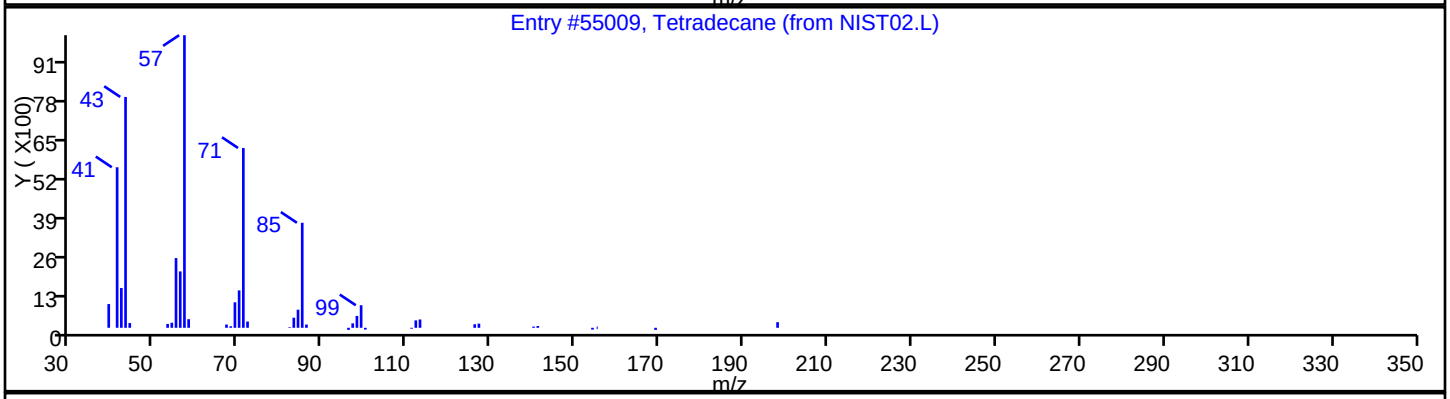
Lims Batch ID: 182277 Lims Sample ID: 14

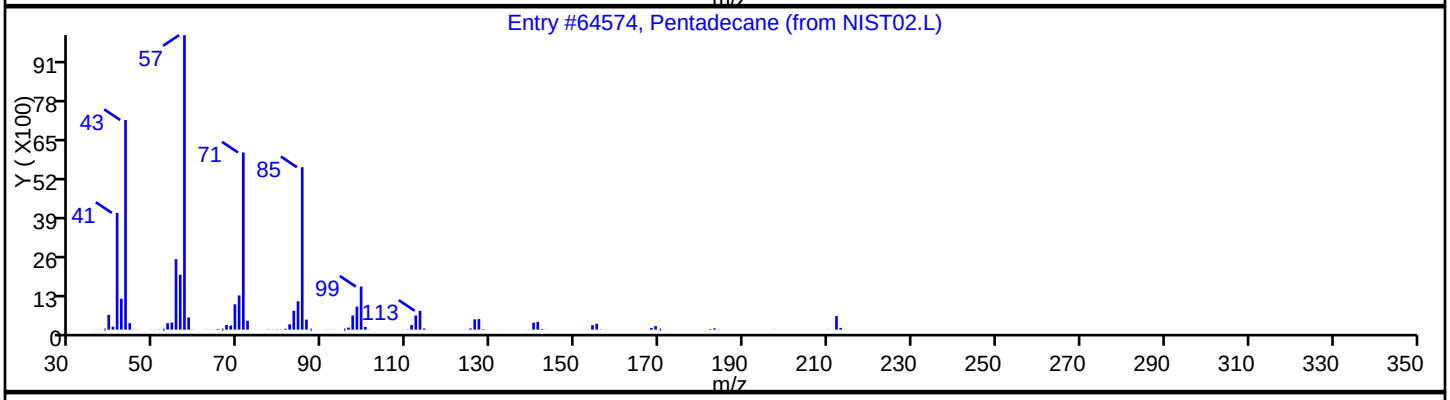
Operator ID: Purge Vol: 5.000 mL

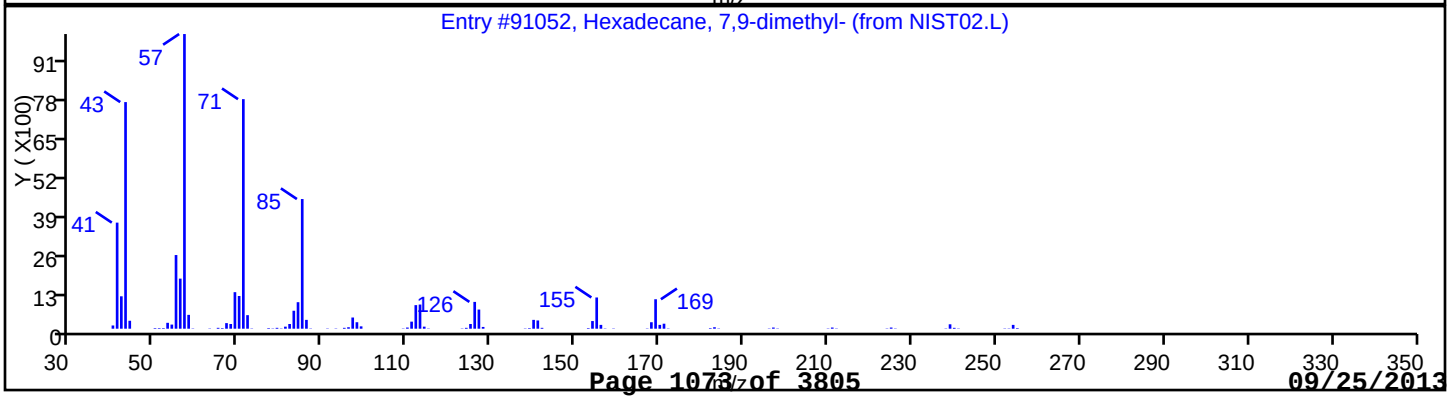
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tetradecane	629-59-4	NIST02.L	55009	95
Pentadecane	629-62-9	NIST02.L	64574	93
Hexadecane, 7,9-dimethyl-	21164-95-4	NIST02.L	91052	83









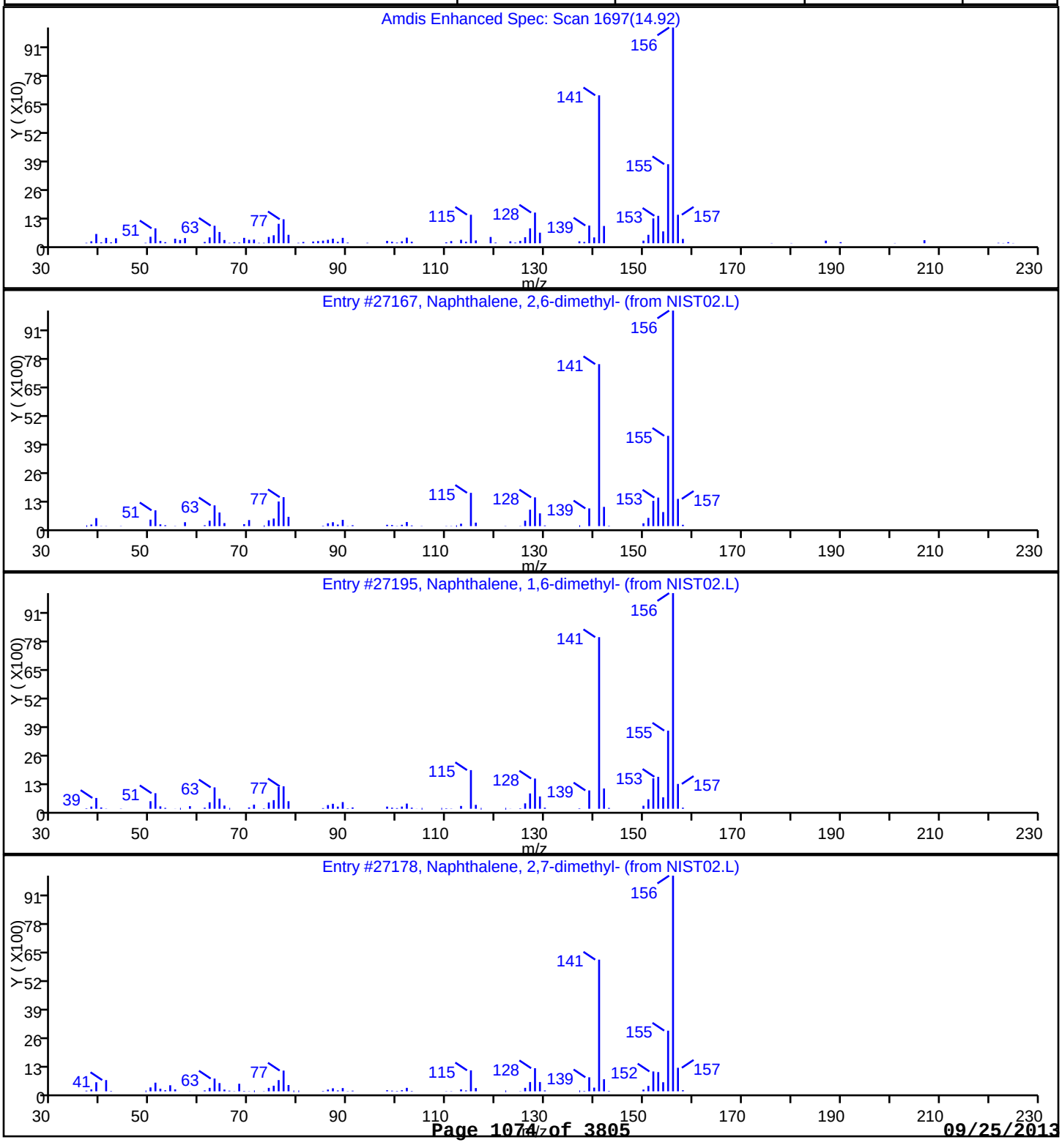
Report Date: 20-Sep-2013 11:01:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60709.D

Injection Date:	20-Sep-2013 03:47:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-16SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	14
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, 1,6-dimethyl-	575-43-9	NIST02.L	27195	98
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.L	27178	98



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-VD | Lab Sample ID: 460-62968-20

Matrix: Solid | Lab File ID: D363125.D

Analysis Method: 8260B | Date Collected: 09/12/2013 12:00

Sample wt/vol: 5.732(g) | Date Analyzed: 09/19/2013 08:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.8 | Level: (low/med) Low

Analysis Batch No.: 182082 | 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	0.31	U	0.93	0.31
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	1.6	U	4.6	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	8.5		0.93	0.22
78-93-3	2-Butanone	0.58	U	4.6	0.58
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	4.6	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	0.28	J	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	4.6	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	4.2		0.93	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-VD | Lab Sample ID: 460-62968-20

Matrix: Solid | Lab File ID: D363125.D

Analysis Method: 8260B | Date Collected: 09/12/2013 12:00

Sample wt/vol: 5.732(g) | Date Analyzed: 09/19/2013 08:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.8 | Level: (low/med) Low

Analysis Batch No.: 182082 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	10		0.93	0.10
120-82-1	1,2,4-Trichlorobenzene	380		0.93	0.18
87-61-6	1,2,3-Trichlorobenzene	110		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	0.64	J	0.93	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	0.93	0.41
79-34-5	1,1,2,2-Tetrachloroethane	0.083	U	0.93	0.083
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	0.20	U	0.93	0.20
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)	84		70-130
2037-26-5	Toluene-d8 (Surr)	112		70-130
460-00-4	Bromofluorobenzene	116		70-130
1868-53-7	Dibromofluoromethane (Surr)	90		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-VD Lab Sample ID: 460-62968-20

Matrix: Solid Lab File ID: D363125.D

Analysis Method: 8260B Date Collected: 09/12/2013 12:00

Sample wt/vol: 5.732(g) Date Analyzed: 09/19/2013 08:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.8 Level: (low/med) Low

Analysis Batch No.: 182082 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 882

CAS NO.	COMPOUND NAME	RT	RESULT	Q
3728-54-9	Cyclohexane, 1-ethyl-2-methyl-	8.09	65	J N
14676-29-0	Heptane, 3-ethyl-2-methyl-	8.45	68	J N
6783-92-2	Cyclohexane, 1,1,2,3-tetramethyl-	8.77	130	J N
493-02-7	Naphthalene, decahydro-, trans-	9.78	190	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	10.27	55	J N
112-40-3	Dodecane	10.69	67	J N
17301-23-4	Undecane, 2,6-dimethyl-	10.80	87	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	11.07	60	J N
75163-97-2	Octadecane, 2,6-dimethyl-	11.20	76	J N
629-50-5	Tridecane	11.34	84	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363125.D
Lims ID: 460-62968-B-20-A
Client ID: PMP-28SE-VD
Inject. Date: 19-Sep-2013 08:40:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: BLK
Misc. Info.: 460-0004794-013
Operator:
Instrument ID: CVOAMS4
Purge Vol: 5.000 mL
ALS Bottle#: 12
Lims Batch ID: 182082
Lims Sample ID: 13
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\8260S_4.m
Last Update: 20-Sep-2013 07:05:43
Calib Date: 05-Sep-2013 06:32:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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 07:05:43

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.652	2.652	0.0	61	203165	1000.0	
47 Chloroform	83	3.576	3.567	0.009	93	84940	9.15	
$ 152 Dibromofluoromethane (Surr)	113	3.721	3.721	0.0	96	162351	45.0	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.169	4.169	0.0	96	161998	42.2	
* 59 Fluorobenzene	96	4.438	4.429	0.009	98	615067	50.0	
61 Trichloroethene	95	4.602	4.588	0.014	15	1585	0.2981	
* 150 1,4-Dioxane-d8	96	5.397	5.406	-0.009	1	16410	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.104	6.104	0.0	96	610276	55.8	
80 Tetrachloroethene	166	6.610	6.605	0.005	37	3518	0.6859	M
* 87 Chlorobenzene-d5	117	7.799	7.795	0.004	85	412061	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	81	162696	58.1	
115 1,3-Dichlorobenzene	146	9.677	9.677	0.0	27	34690	4.51	
* 116 1,4-Dichlorobenzene-d4	152	9.740	9.735	0.005	85	180970	50.0	
117 1,4-Dichlorobenzene	146	9.750	9.750	0.0	68	82091	11.0	
124 1,2,4-Trichlorobenzene	180	11.108	11.103	0.005	85	2482568	409.2	
128 1,2,3-Trichlorobenzene	180	11.464	11.464	0.0	86	603319	114.7	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363125.D		
Lims ID:	460-62968-B-20-A	Client ID:	PMP-28SE-VD
Inject. Date:	19-Sep-2013 08:40:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	BLK		
Misc. Info.:	460-0004794-013		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	12
Lims Batch ID:	182082	Lims Sample ID:	13
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\8260S_4.m		
Last Update:	20-Sep-2013 07:05:43	Calib Date:	05-Sep-2013 06:32:30
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 07:05:43

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	3728-54-9	Cyclohexane, 1-ethyl-2-methyl-				
8.088	6481883	70.0	87	87	11242	
	14676-29-0	Heptane, 3-ethyl-2-methyl-				
8.450	6808021	73.6	87	76	18480	
	6783-92-2	Cyclohexane, 1,1,2,3-tetramethyl-				
8.772	13173326	142.3	87	70	17375	
	493-02-7	Naphthalene, decahydro-, trans-				
9.783	18614764	201.1	87	96	16320	
	2958-76-1	Naphthalene, decahydro-2-methyl-				
10.265	22265451	59.8	116	94	24328	
	112-40-3	Dodecane				
10.689	26796800	72.0	116	96	36159	
	17301-23-4	Undecane, 2,6-dimethyl-				
10.804	34790022	93.4	116	89	45584	
	54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-				
11.069	24252699	65.1	116	93	44161	
	75163-97-2	Octadecane, 2,6-dimethyl-				
11.204	30470753	81.8	116	72	107664	
	629-50-5	Tridecane				
11.344	33899341	91.1	116	96	45543	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 87 Chlorobenzene-d5	7.790	4628035	50.0
* 116 1,4-Dichlorobenzene-d4	9.783	18614764	50.0

QC Flag Legend

Processing Flags

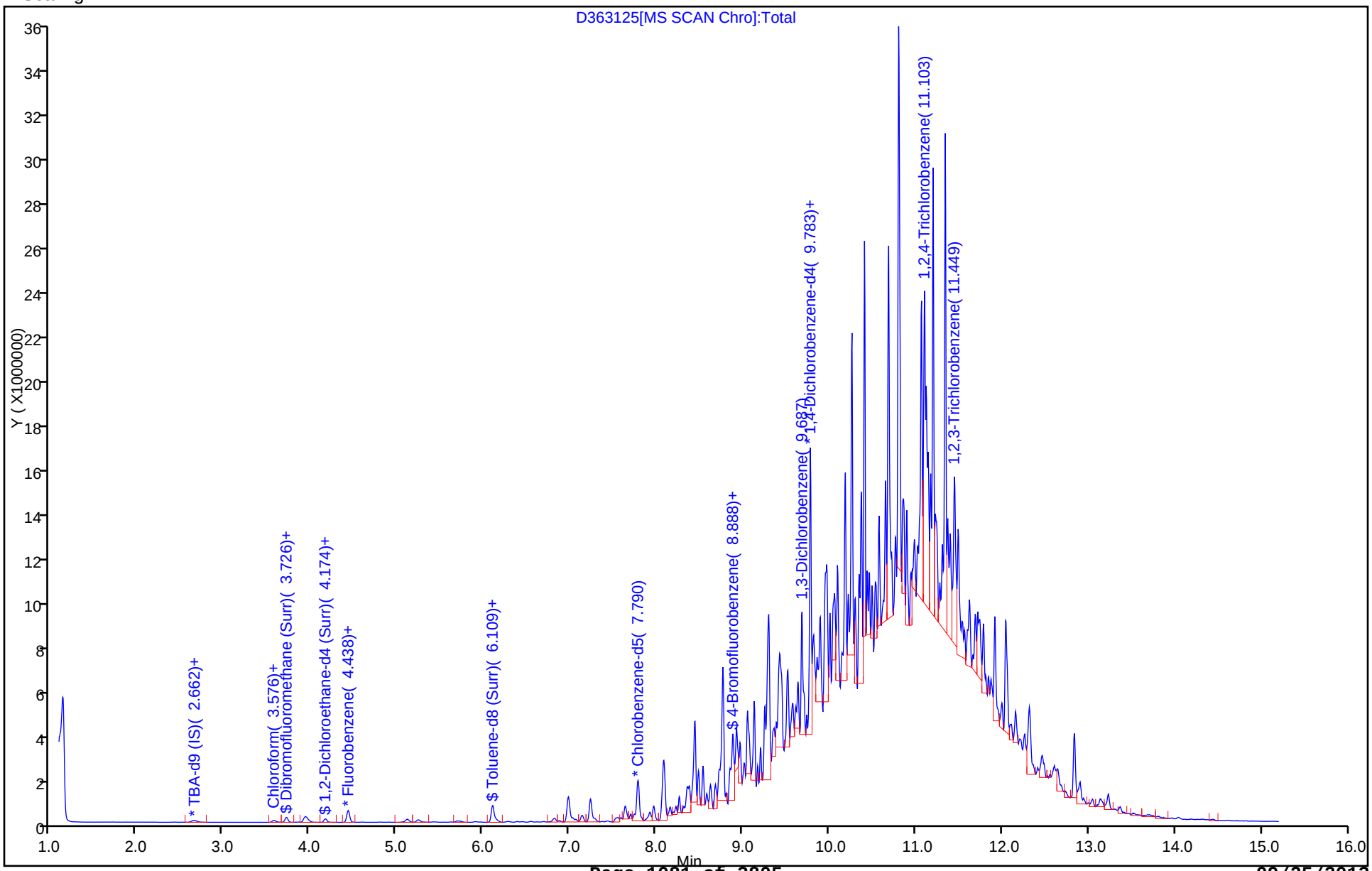
Report Date: 20-Sep-2013 07:05:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363125.D

Injection Date:	19-Sep-2013 08:40:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	13
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



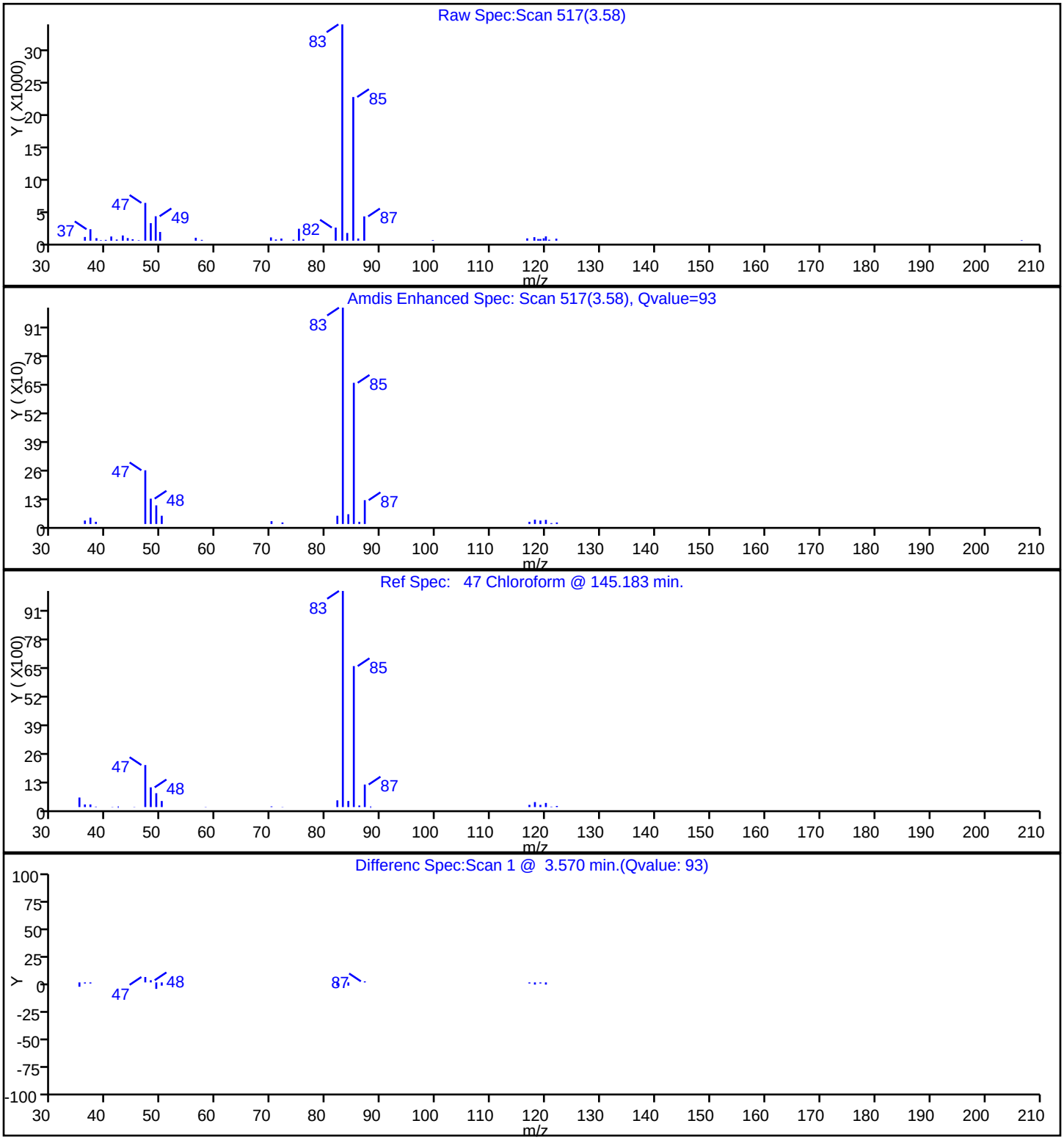
Report Date: 20-Sep-2013 07:05:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363125.D

Injection Date:	19-Sep-2013 08:40:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	13
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



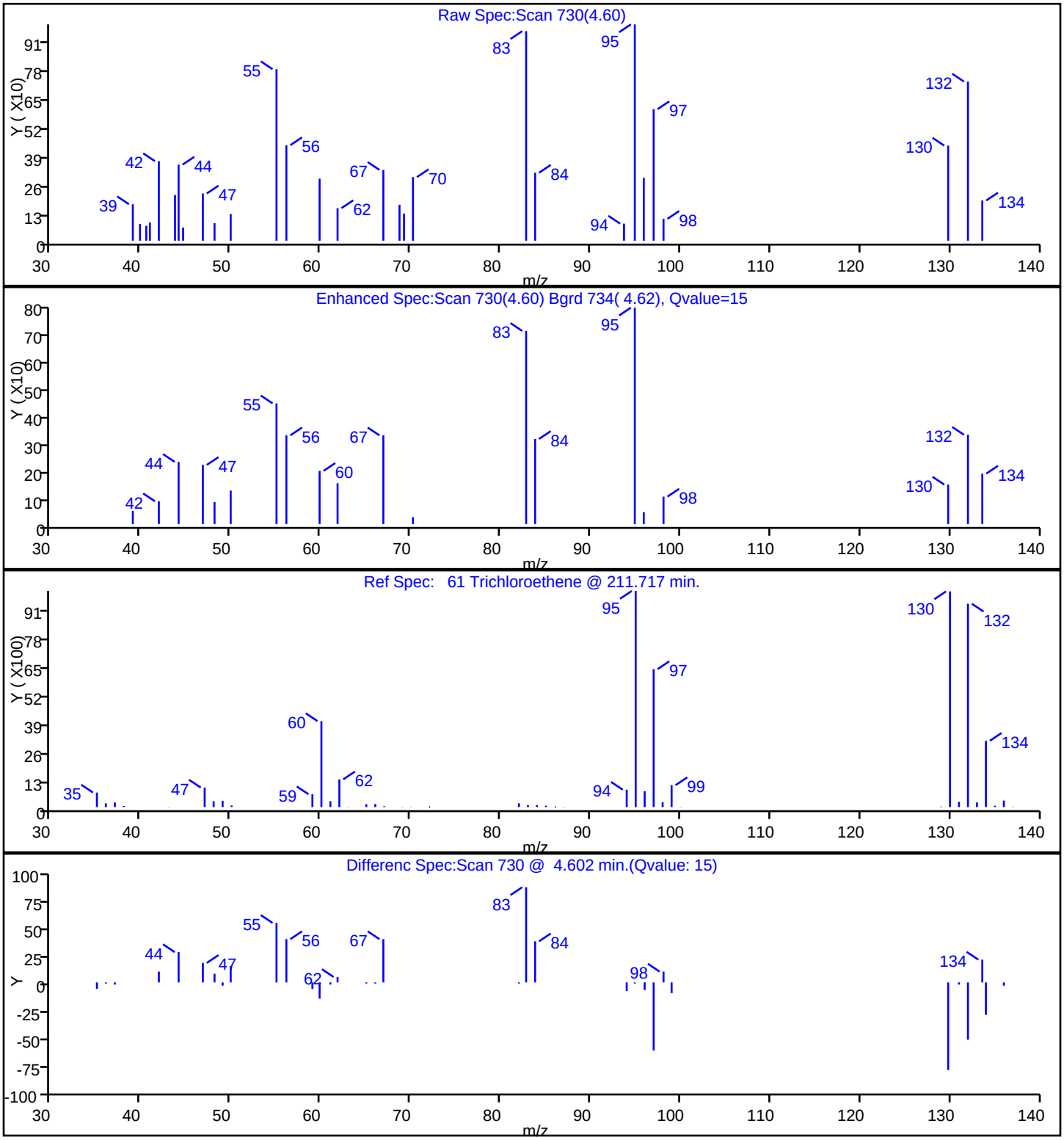
Report Date: 20-Sep-2013 07:05:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363125.D

Injection Date:	19-Sep-2013 08:40:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	13
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

61 Trichloroethene



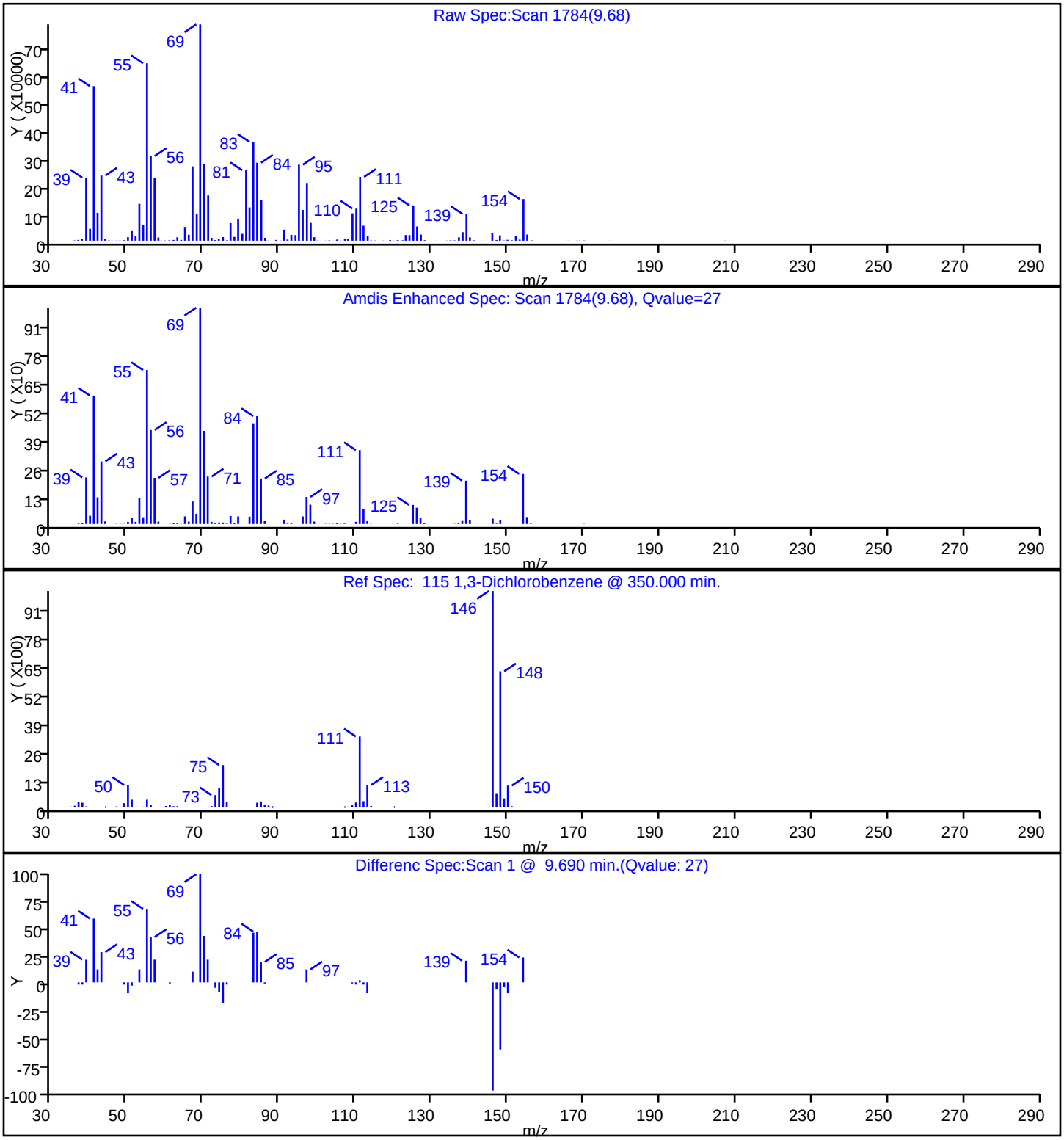
Report Date: 20-Sep-2013 07:05:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363125.D

Injection Date:	19-Sep-2013 08:40:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	13
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

115 1,3-Dichlorobenzene



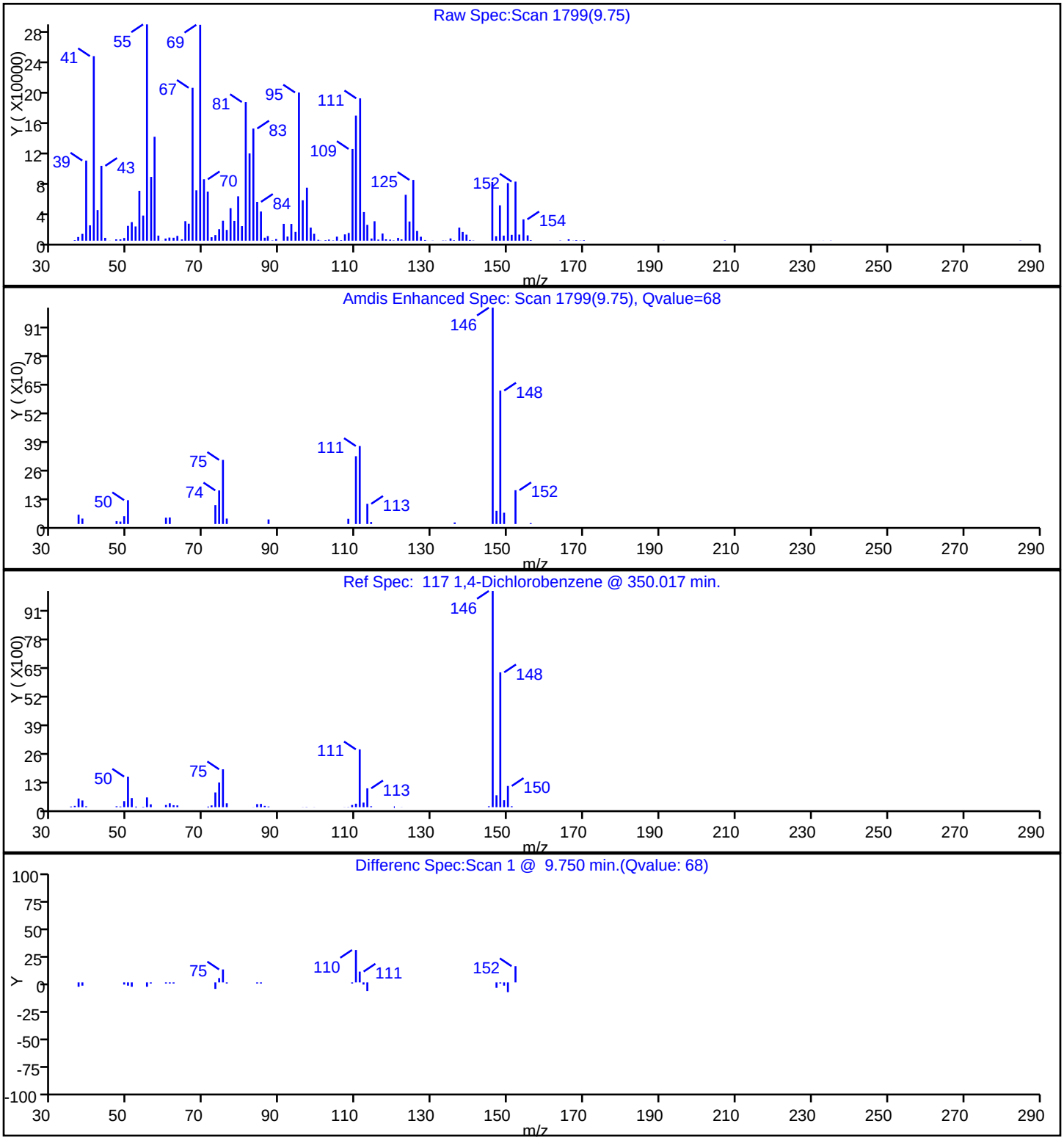
Report Date: 20-Sep-2013 07:05:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363125.D

Injection Date:	19-Sep-2013 08:40:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	13
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



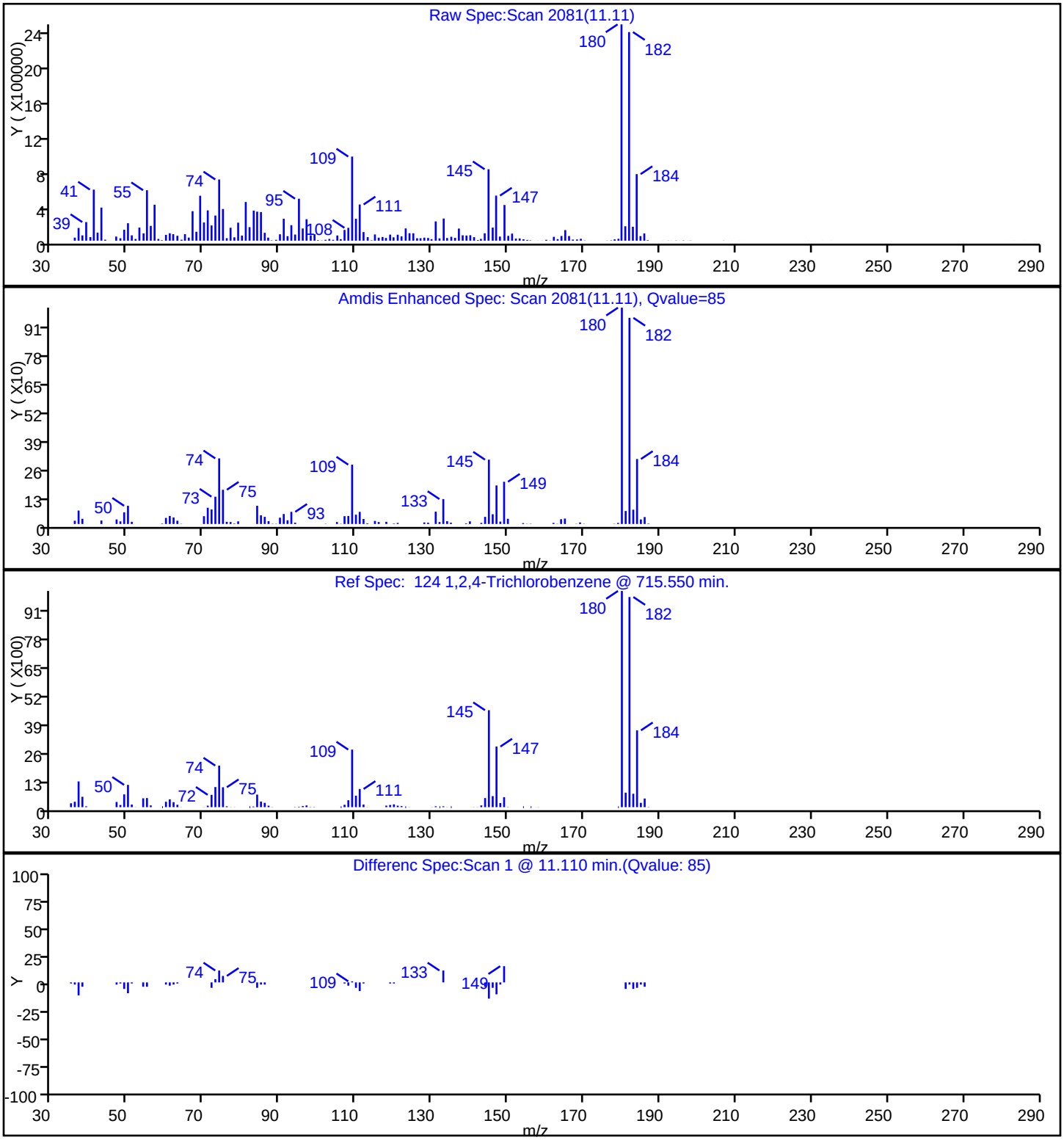
Report Date: 20-Sep-2013 07:05:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363125.D

Injection Date:	19-Sep-2013 08:40:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	13
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



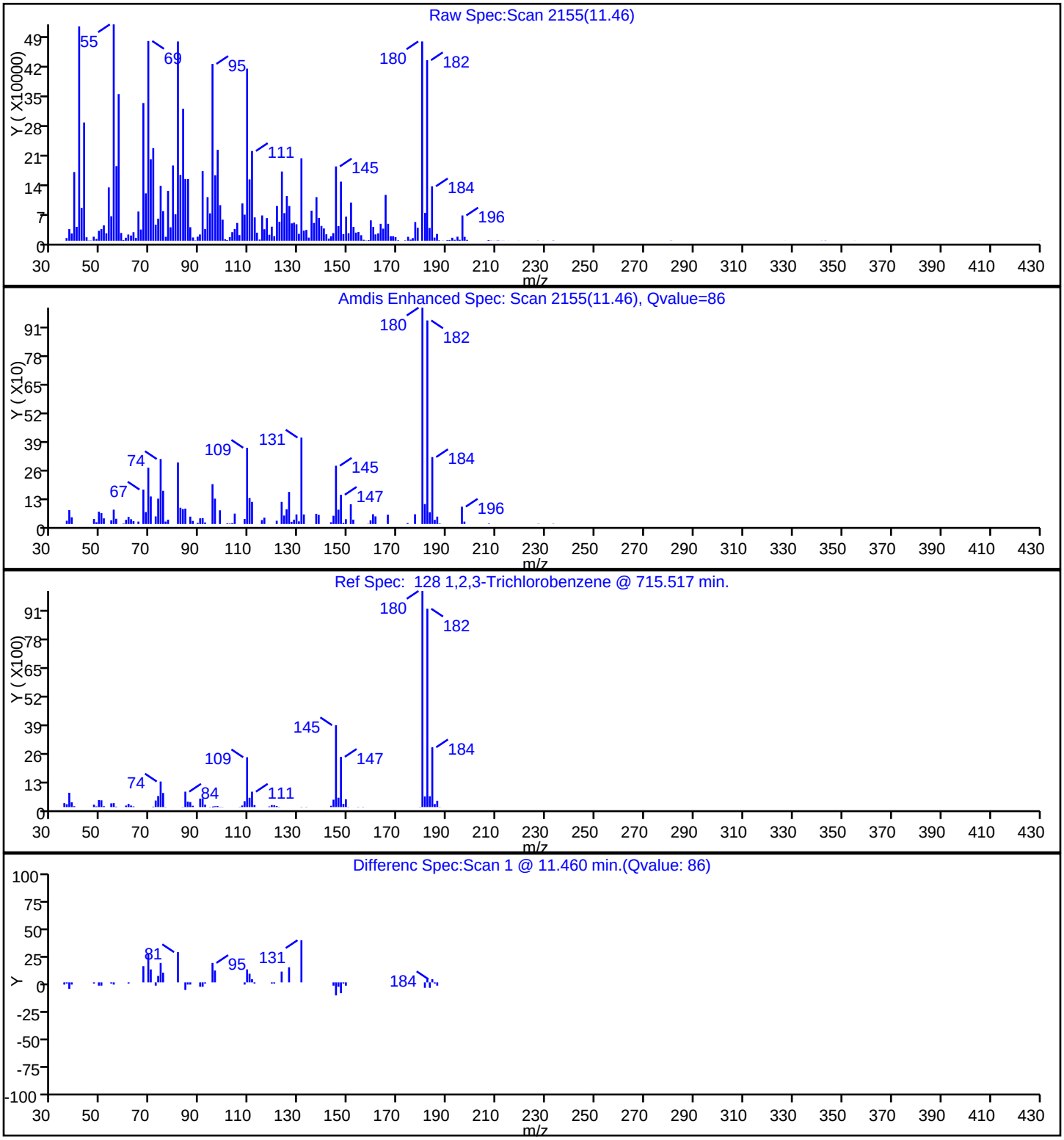
Report Date: 20-Sep-2013 07:05:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363125.D

Injection Date:	19-Sep-2013 08:40:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	13
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

128 1,2,3-Trichlorobenzene



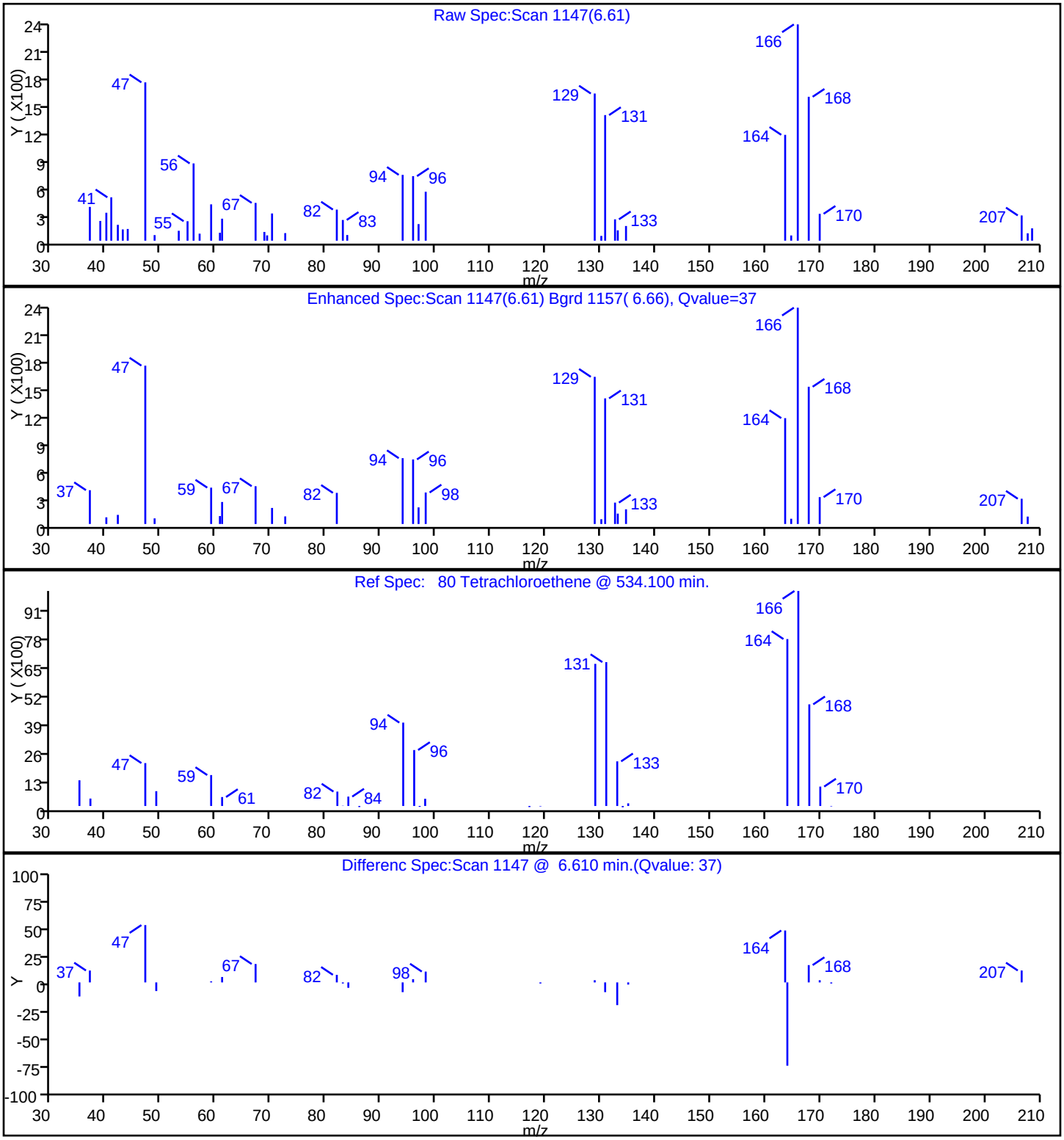
Report Date: 20-Sep-2013 07:05:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363125.D

Injection Date:	19-Sep-2013 08:40:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	13
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene



Manual Integration/User Assign Peak Report

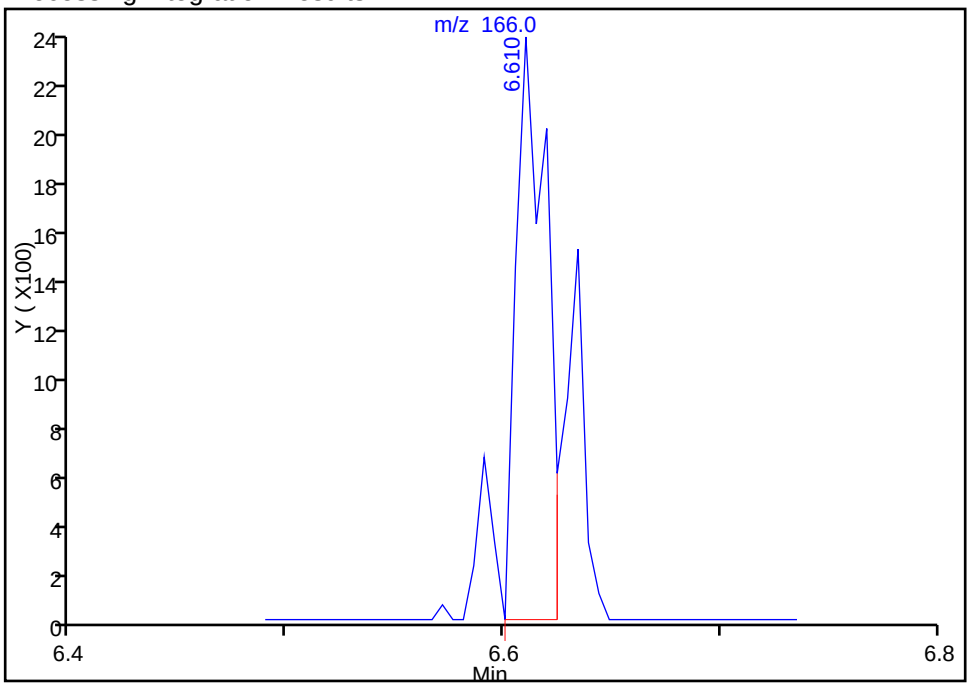
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363125.D		
Injection Date:	19-Sep-2013 08:40:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	13
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene, Signal: 1, m/z: 166.0 Type: quant, RT: 6.61

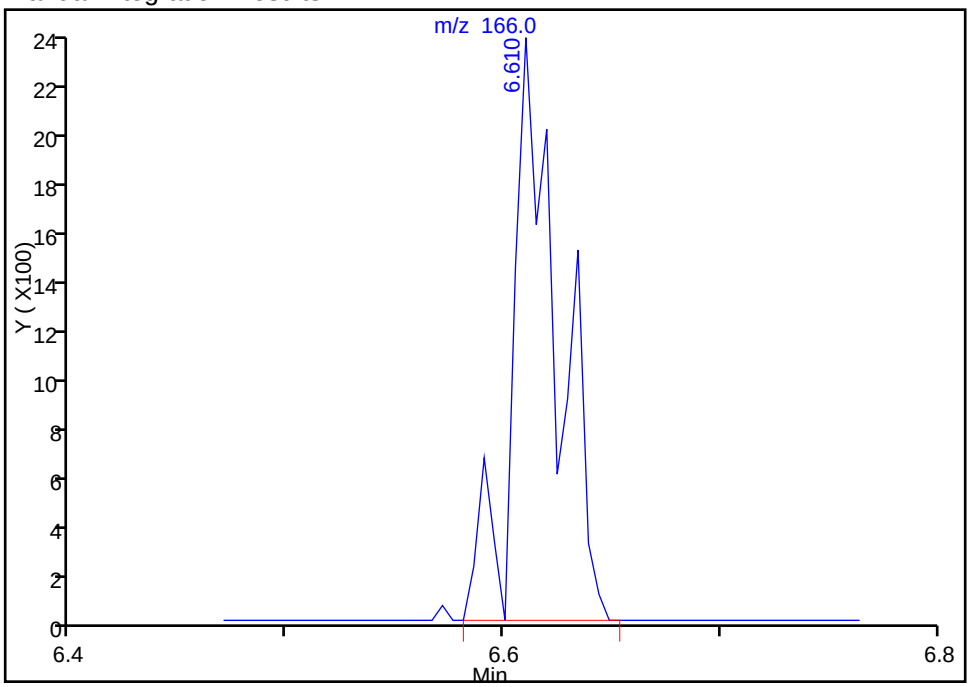
Processing Integration Results

RT: 6.61
Response: 2343
Amount: 0.456813



Manual Integration Results

RT: 6.61
Response: 3518
Amount: 0.685903



Reviewer: delpolitov, 20-Sep-2013 07:05:43
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

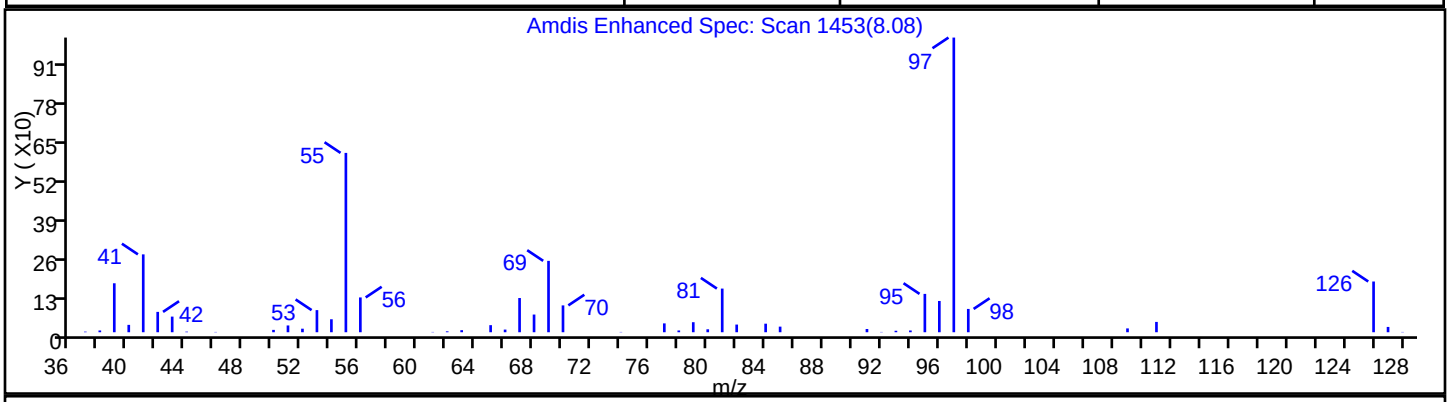
Report Date: 20-Sep-2013 07:05:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

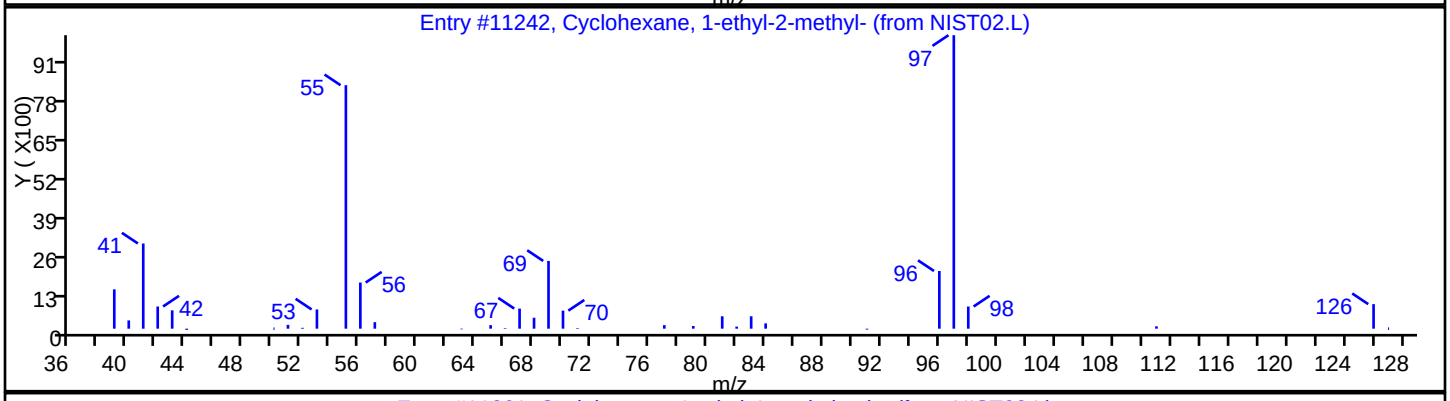
TestAmerica Edison

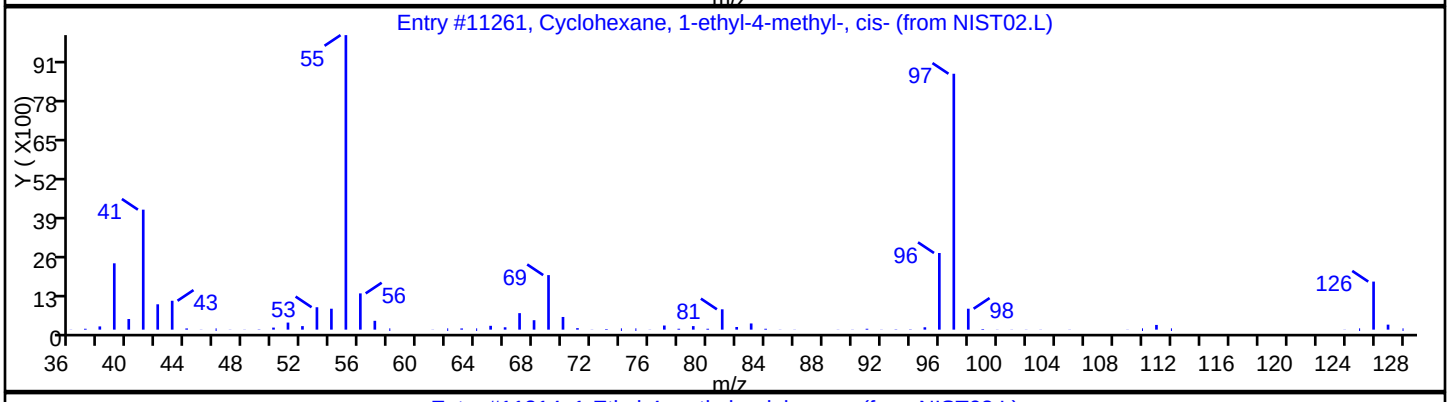
Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363125.D

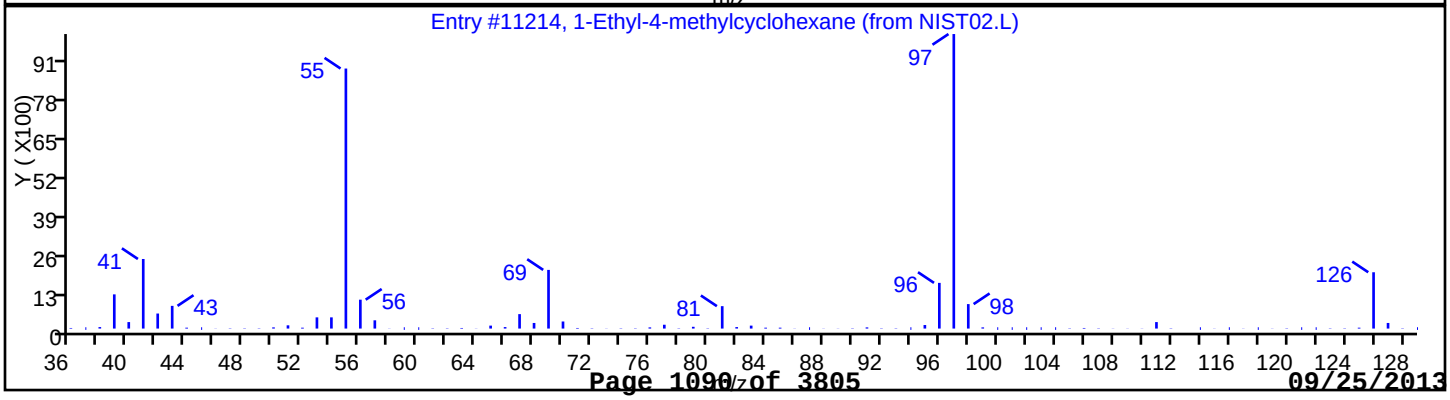
Injection Date:	19-Sep-2013 08:40:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	13
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Cyclohexane, 1-ethyl-2-methyl-	3728-54-9	NIST02.L	11242	87
Cyclohexane, 1-ethyl-4-methyl-, cis-	4926-78-7	NIST02.L	11261	83
1-Ethyl-4-methylcyclohexane	3728-56-1	NIST02.L	11214	74









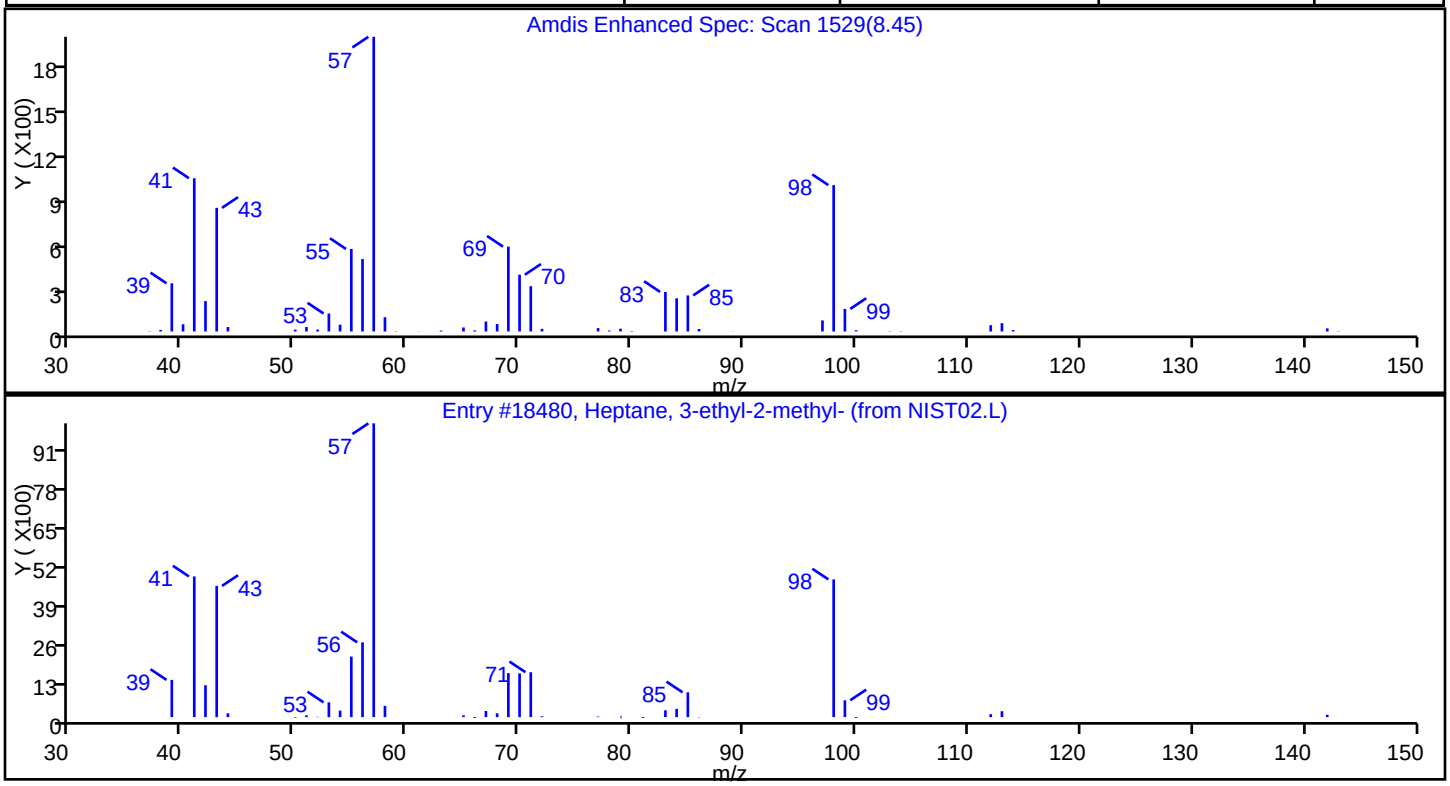
Report Date: 20-Sep-2013 07:05:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363125.D

Injection Date:	19-Sep-2013 08:40:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	13
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
Heptane, 3-ethyl-2-methyl-	14676-29-0	NIST02.L	18480	76



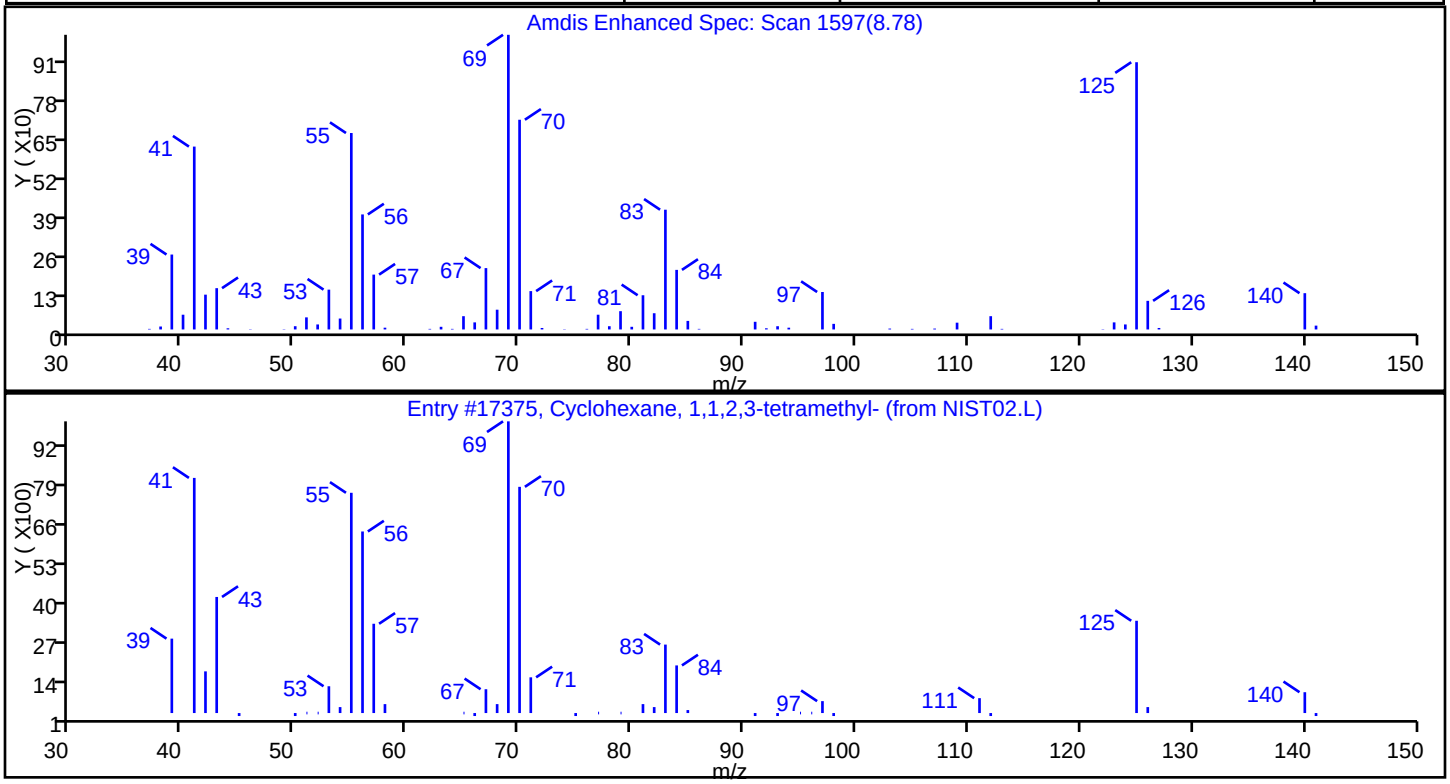
Report Date: 20-Sep-2013 07:05:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363125.D

Injection Date:	19-Sep-2013 08:40:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	13
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, 1,1,2,3-tetramethyl-	6783-92-2	NIST02.L	17375	70



Report Date: 20-Sep-2013 07:05:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363125.D

Injection Date: 19-Sep-2013 08:40:30 Limit Group: VOA - 8260B Water and Solid

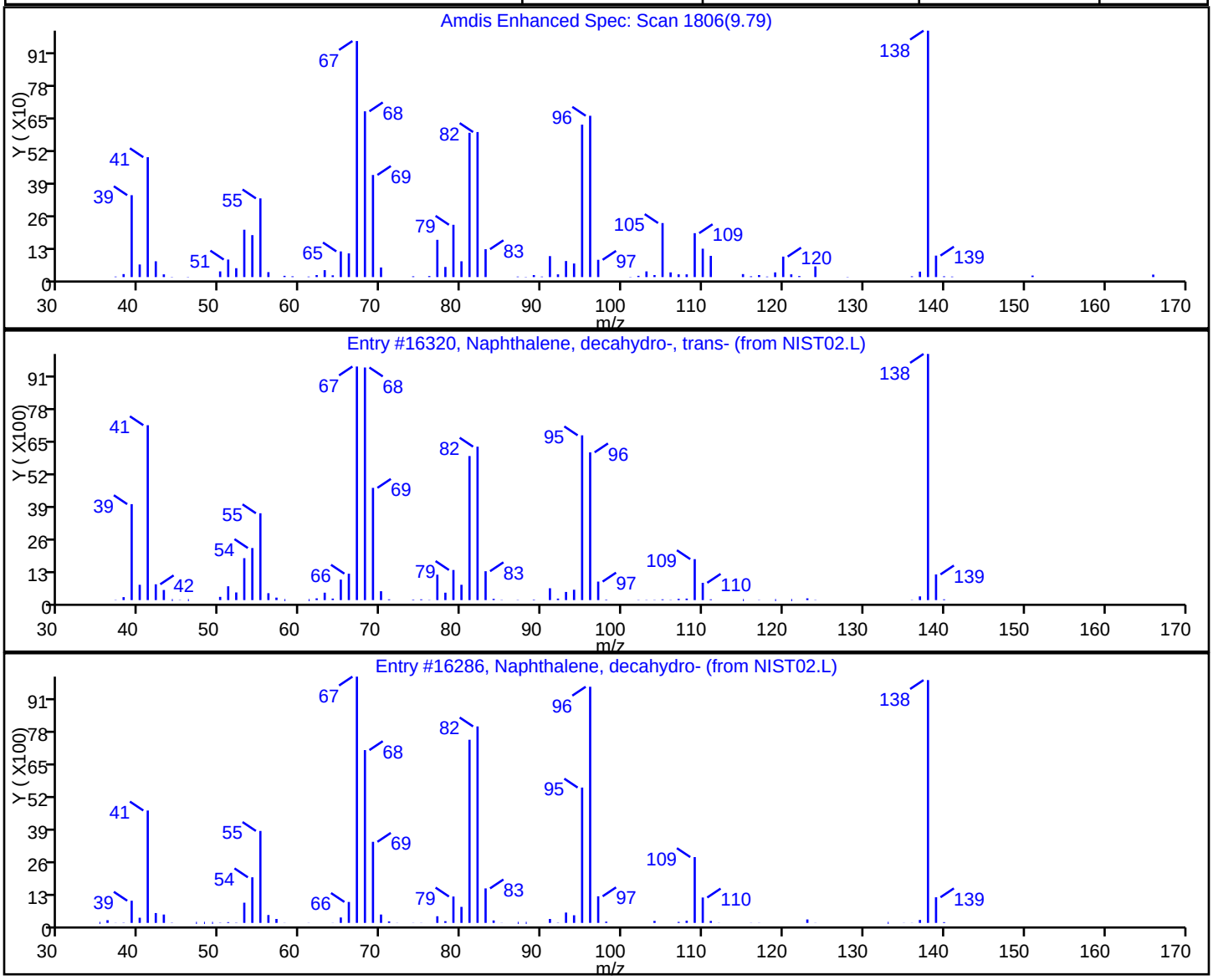
Client ID: PMP-28SE-VD Instrument ID: CVOAMS4

Lims Batch ID: 182082 Lims Sample ID: 13

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	94



Report Date: 20-Sep-2013 07:05:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363125.D

Injection Date: 19-Sep-2013 08:40:30 Limit Group: VOA - 8260B Water and Solid

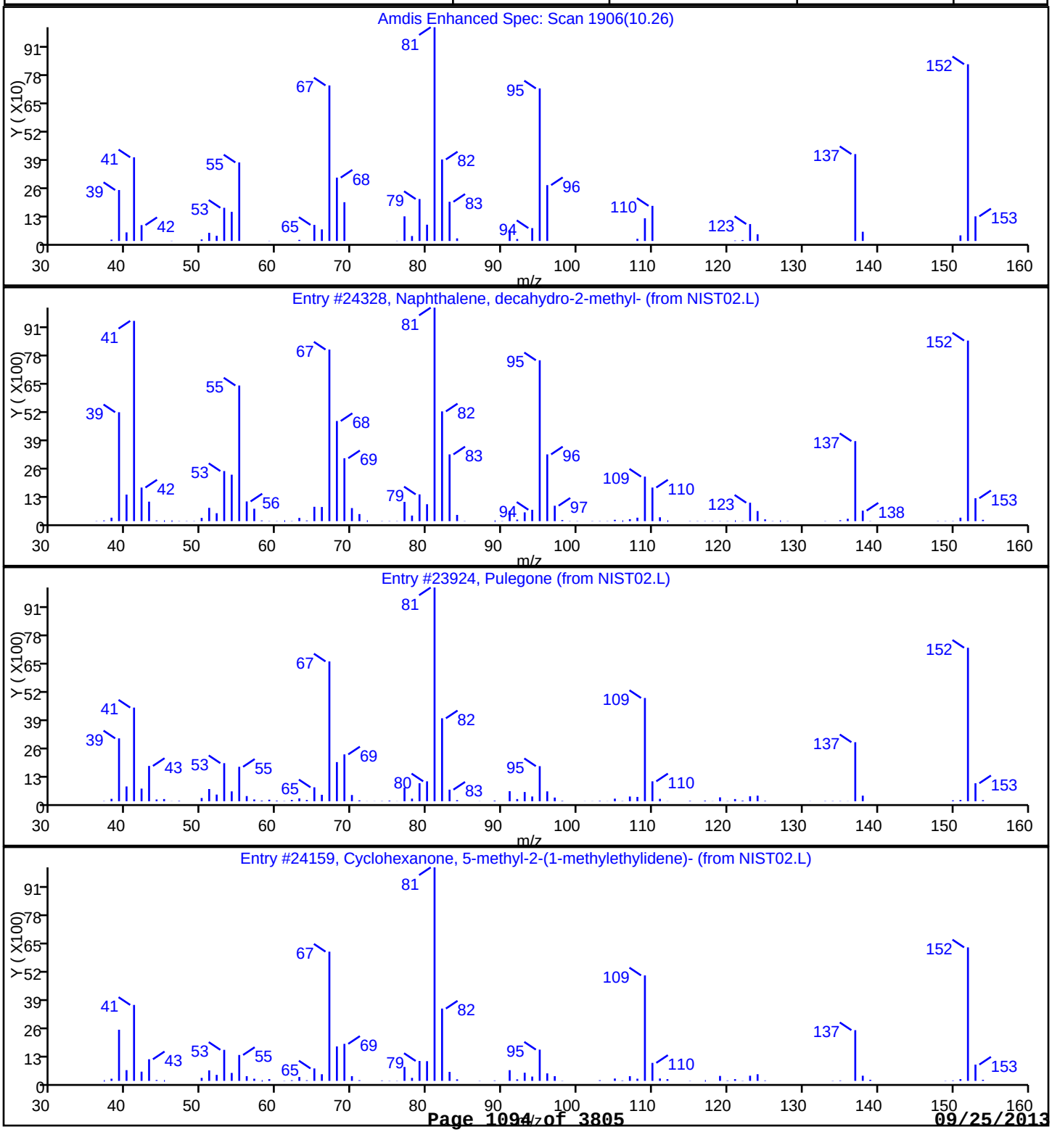
Client ID: PMP-28SE-VD Instrument ID: CVOAMS4

Lims Batch ID: 182082 Lims Sample ID: 13

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
Pulegone	89-82-7	NIST02.L	23924	81
Cyclohexanone, 5-methyl-2-(1-methylethyl	15932-80-6	NIST02.L	24159	74



Report Date: 20-Sep-2013 07:05:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363125.D

Injection Date: 19-Sep-2013 08:40:30 Limit Group: VOA - 8260B Water and Solid

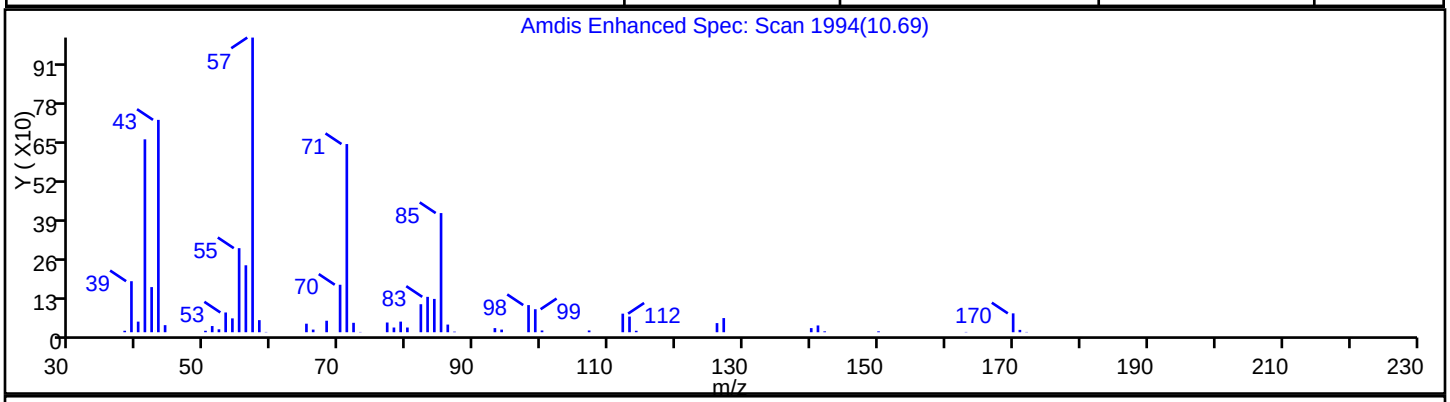
Client ID: PMP-28SE-VD Instrument ID: CVOAMS4

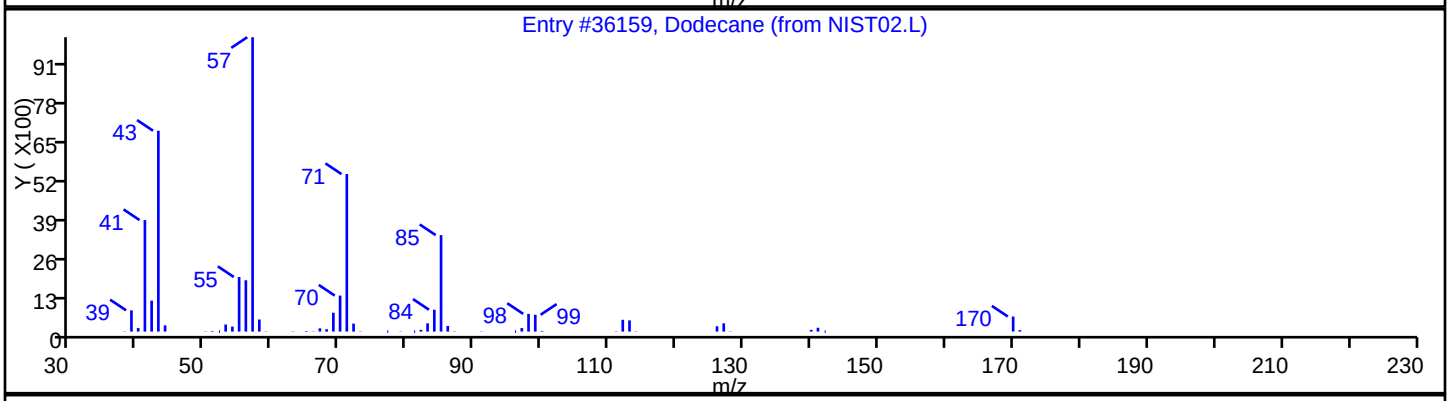
Lims Batch ID: 182082 Lims Sample ID: 13

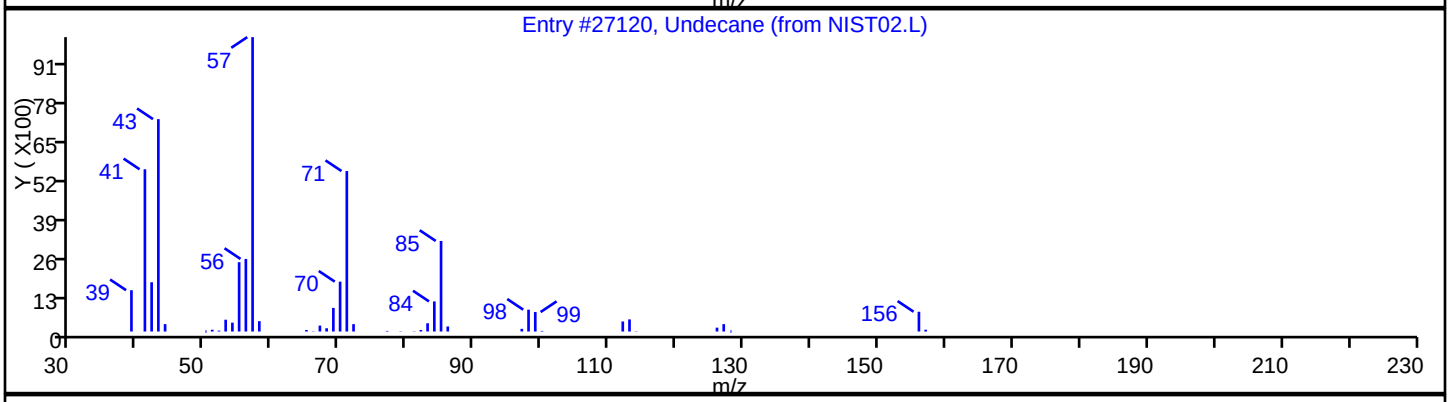
Operator ID: Purge Vol: 5.000 mL

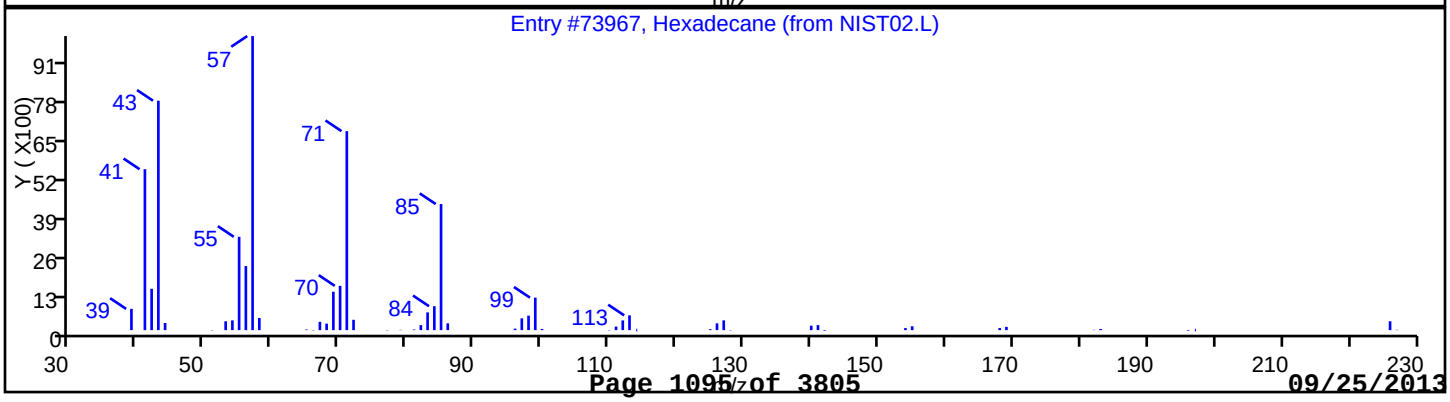
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Dodecane	112-40-3	NIST02.L	36159	96
Undecane	1120-21-4	NIST02.L	27120	90
Hexadecane	544-76-3	NIST02.L	73967	90









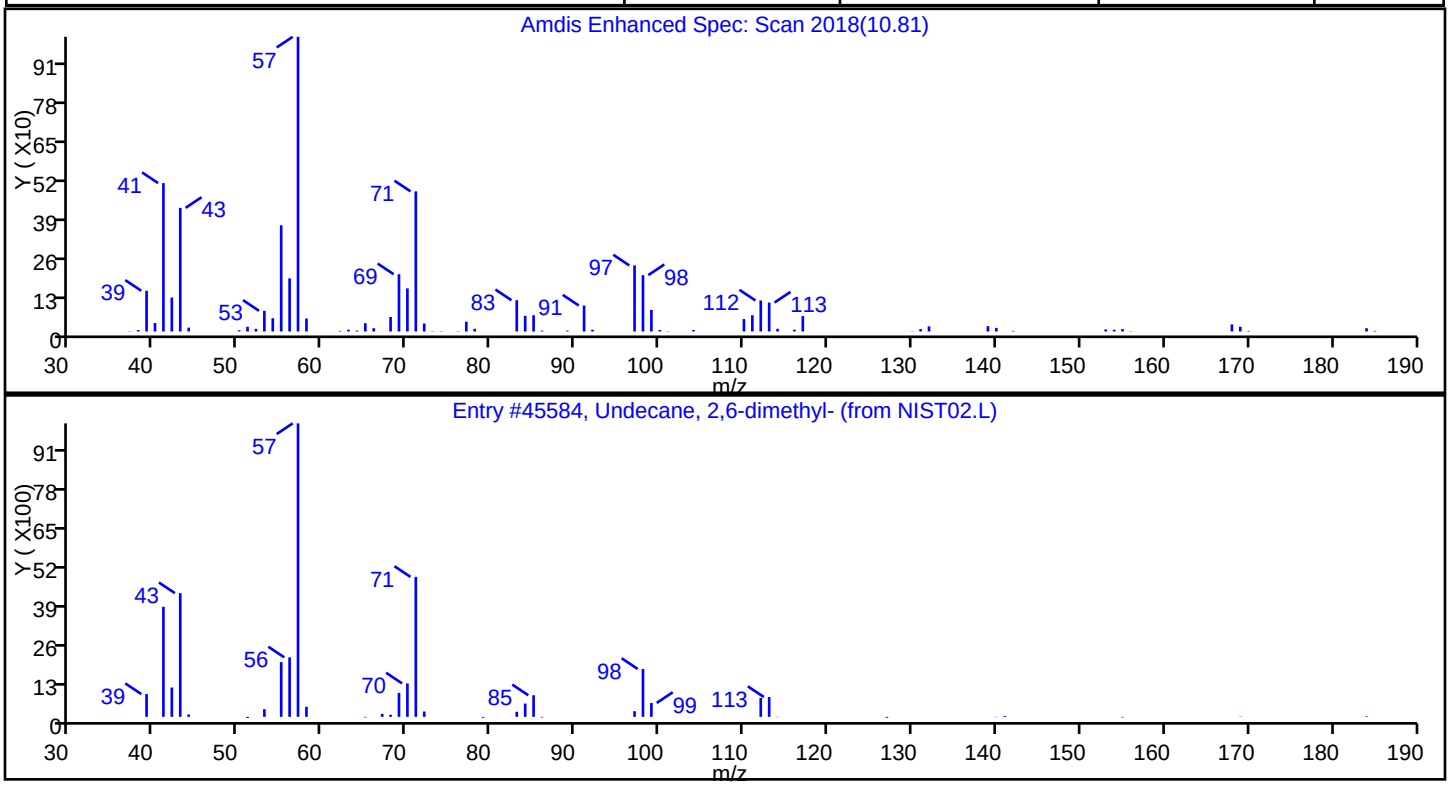
Report Date: 20-Sep-2013 07:05:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363125.D

Injection Date:	19-Sep-2013 08:40:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	13
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, 2,6-dimethyl-	17301-23-4	NIST02.L	45584	89



Report Date: 20-Sep-2013 07:05:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363125.D

Injection Date: 19-Sep-2013 08:40:30 Limit Group: VOA - 8260B Water and Solid

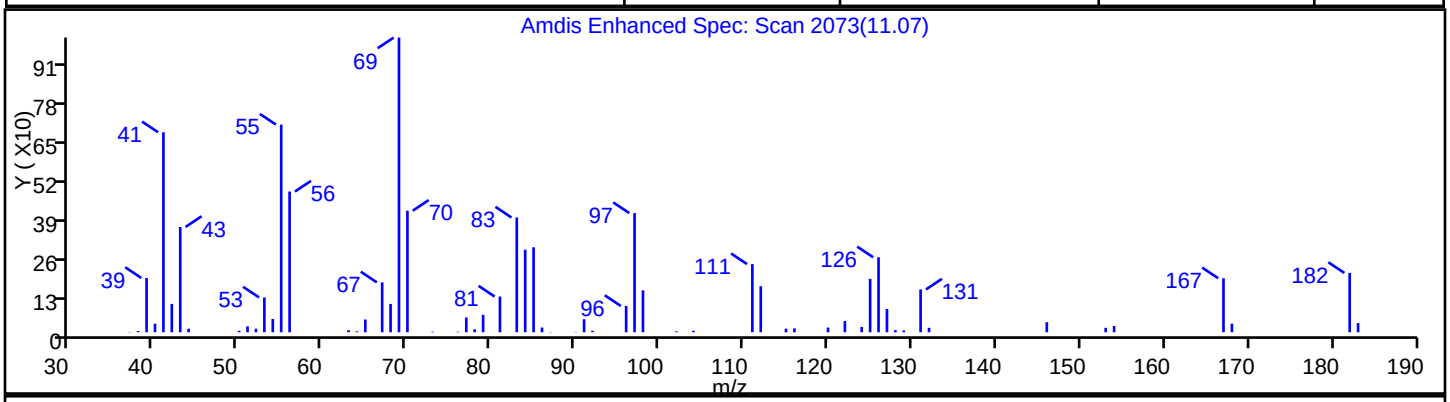
Client ID: PMP-28SE-VD Instrument ID: CVOAMS4

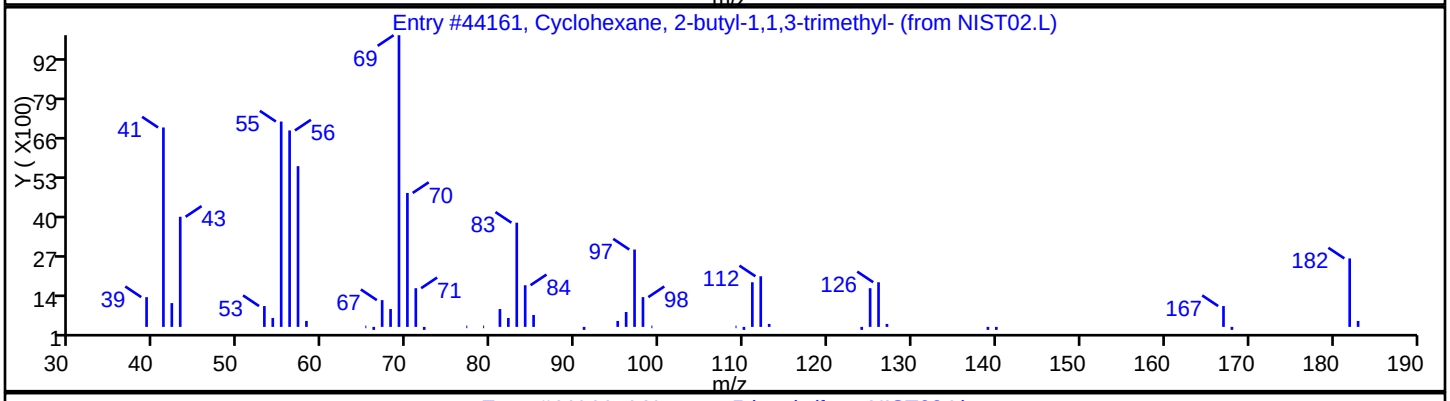
Lims Batch ID: 182082 Lims Sample ID: 13

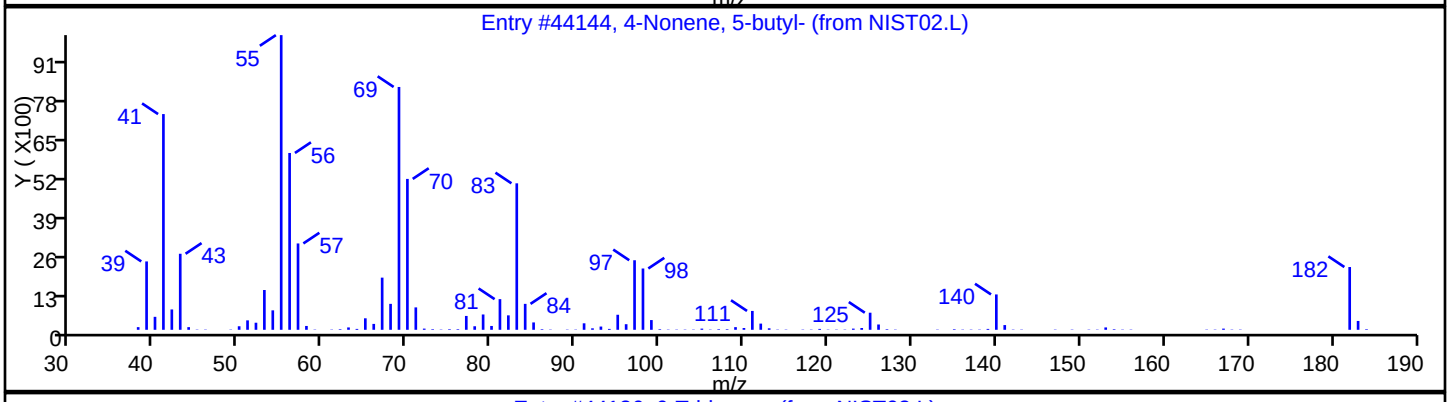
Operator ID: Purge Vol: 5.000 mL

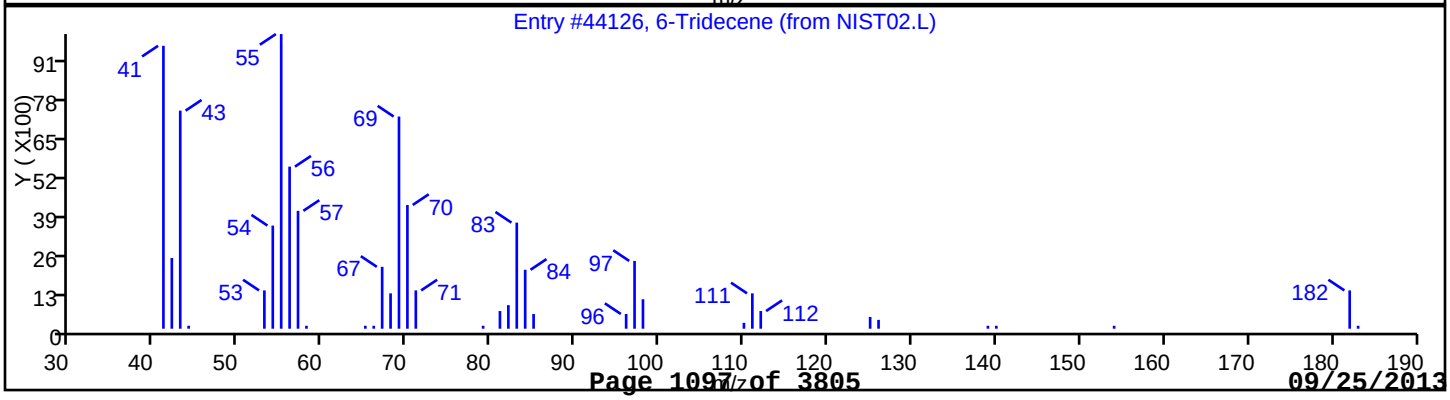
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Cyclohexane, 2-butyl-1,1,3-trimethyl-	54676-39-0	NIST02.L	44161	93
4-Nonene, 5-butyl-	7367-38-6	NIST02.L	44144	86
6-Tridecene	24949-38-0	NIST02.L	44126	83









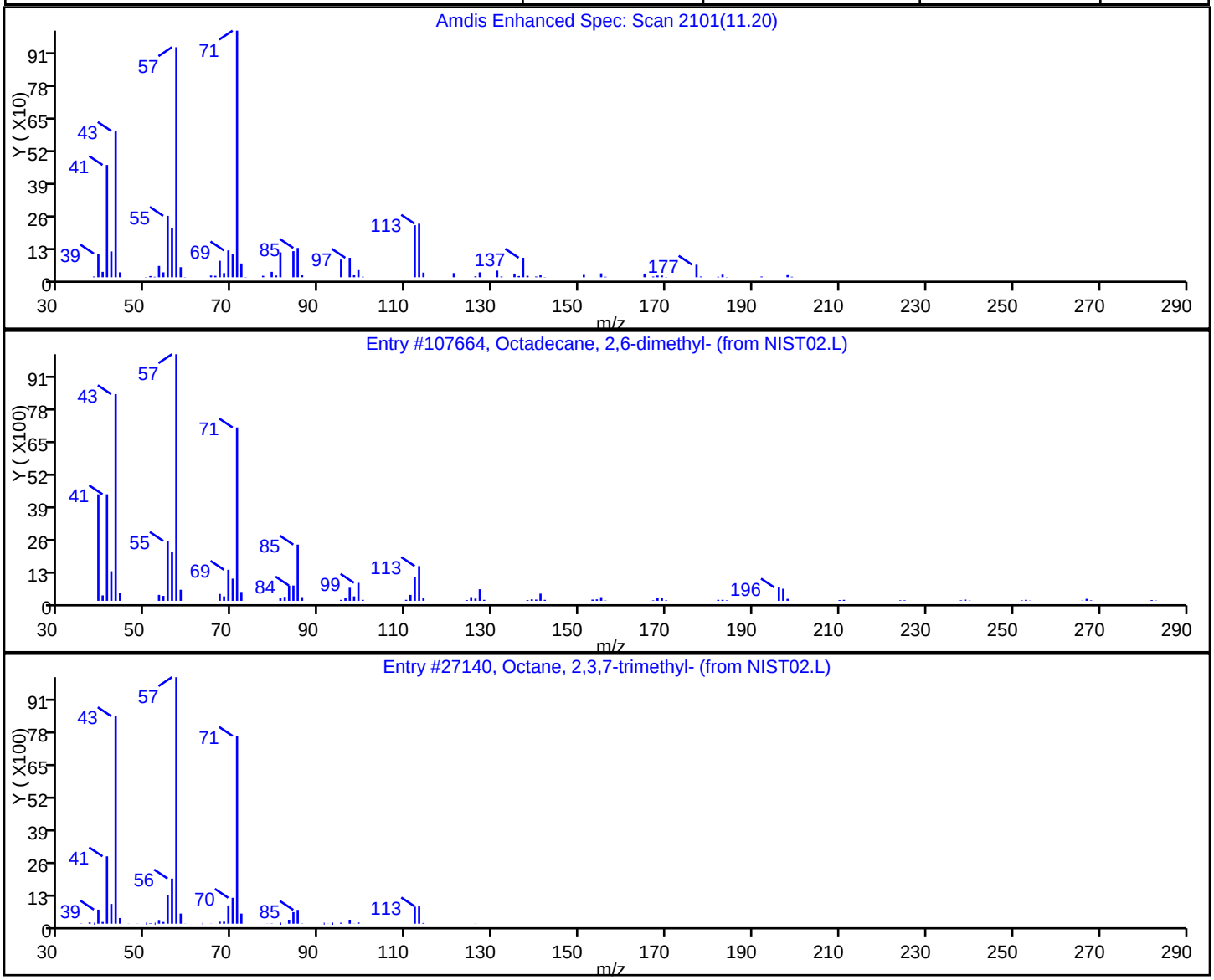
Report Date: 20-Sep-2013 07:05:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363125.D

Injection Date:	19-Sep-2013 08:40:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	13
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
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.L	107664	72
Octane, 2,3,7-trimethyl-	62016-34-6	NIST02.L	27140	72



Report Date: 20-Sep-2013 07:05:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363125.D

Injection Date: 19-Sep-2013 08:40:30 Limit Group: VOA - 8260B Water and Solid

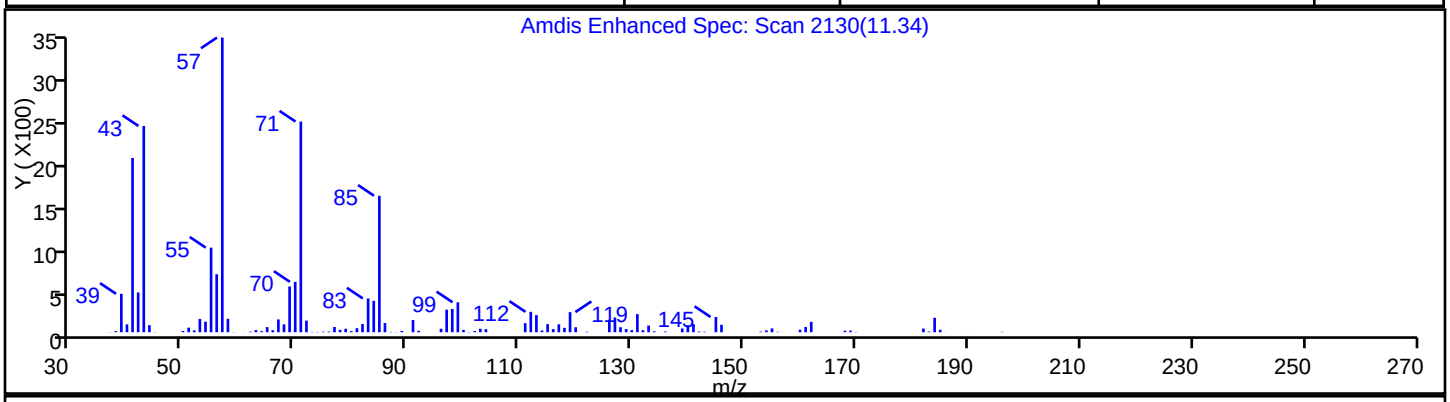
Client ID: PMP-28SE-VD Instrument ID: CVOAMS4

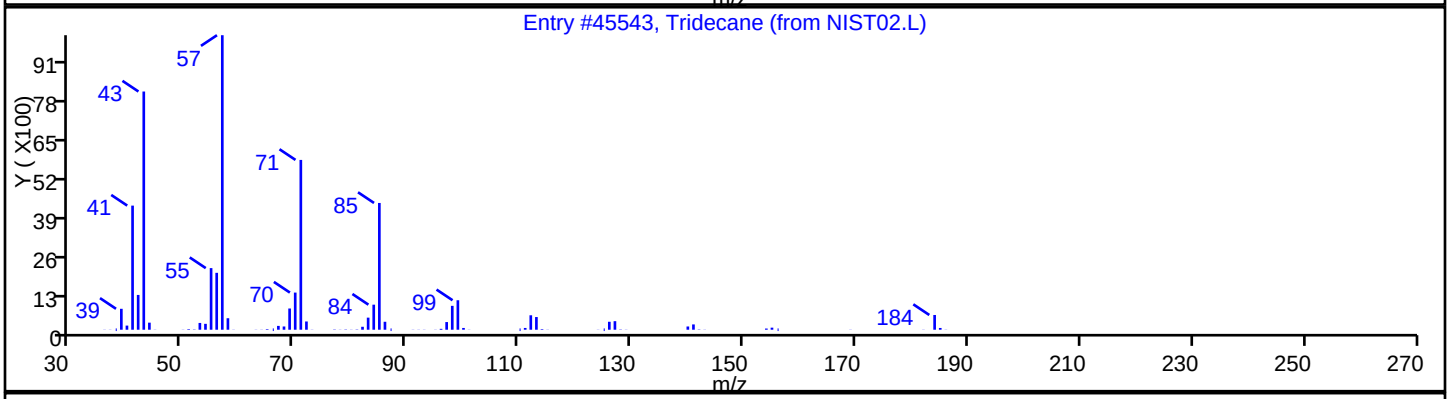
Lims Batch ID: 182082 Lims Sample ID: 13

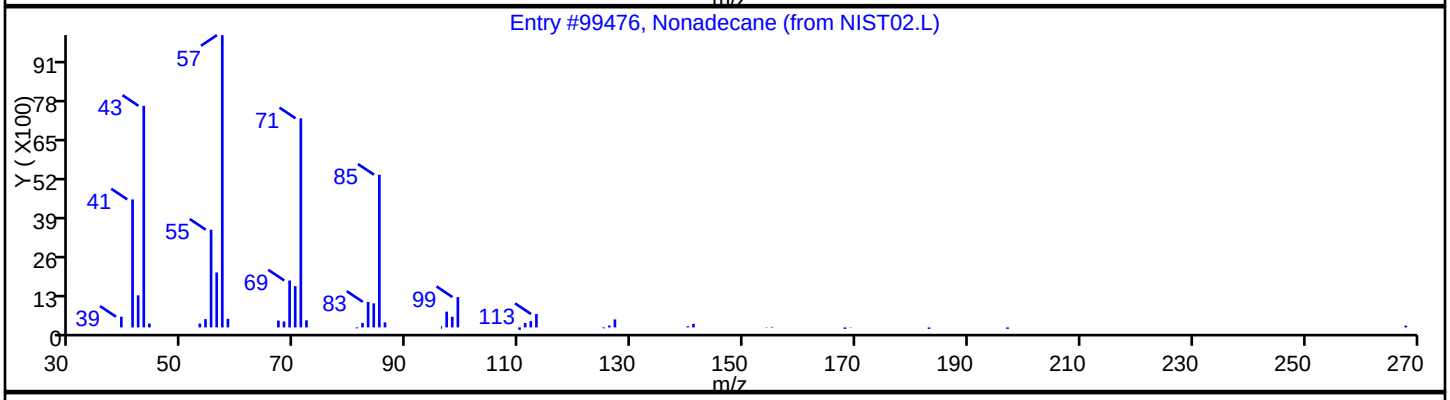
Operator ID: Purge Vol: 5.000 mL

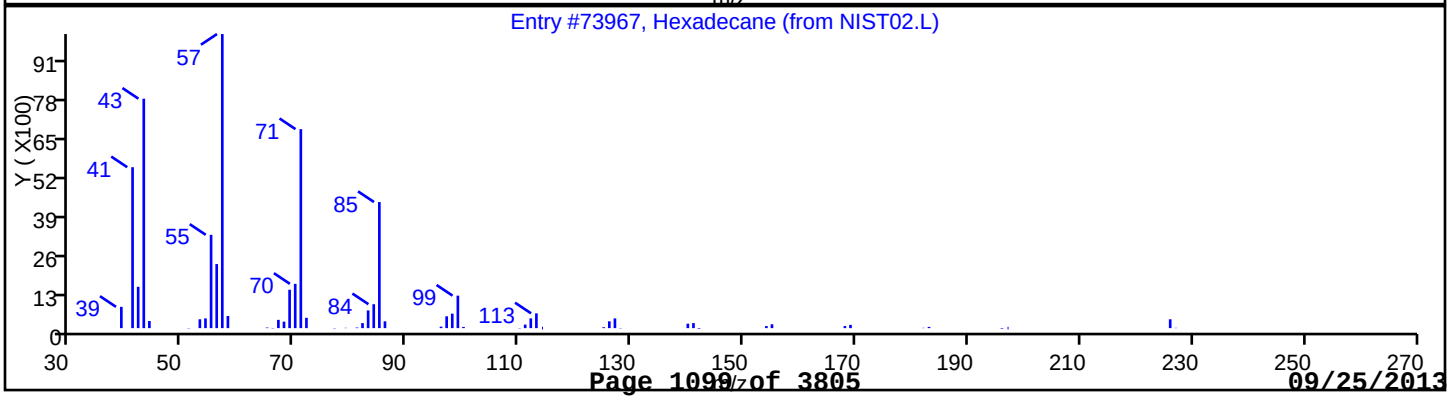
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tridecane	629-50-5	NIST02.L	45543	96
Nonadecane	629-92-5	NIST02.L	99476	87
Hexadecane	544-76-3	NIST02.L	73967	87









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-WT | Lab Sample ID: 460-62968-21

Matrix: Solid | Lab File ID: D363110.D

Analysis Method: 8260B | Date Collected: 09/12/2013 12:05

Sample wt/vol: 5.526(g) | Date Analyzed: 09/19/2013 00:03

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.: 182028 | 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	160	*	5.2	1.8
75-15-0	Carbon disulfide	1.4		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	0.12	U	1.0	0.12
67-66-3	Chloroform	0.25	U	1.0	0.25
78-93-3	2-Butanone	31	*	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	0.18	U	1.0	0.18
108-90-7	Chlorobenzene	0.19	U	1.0	0.19
110-82-7	Cyclohexane	0.62	J	1.0	0.14
98-82-8	Isopropylbenzene	0.12	U	1.0	0.12
591-78-6	2-Hexanone	0.14	U	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	2.9		1.0	0.13
108-88-3	Toluene	0.65	J	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.21	U	5.2	0.21
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.69	J	1.0	0.10
541-73-1	1,3-Dichlorobenzene	1.0		1.0	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-WT | Lab Sample ID: 460-62968-21

Matrix: Solid | Lab File ID: D363110.D

Analysis Method: 8260B | Date Collected: 09/12/2013 12:05

Sample wt/vol: 5.526(g) | Date Analyzed: 09/19/2013 00:03

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.: 182028 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	4.6		1.0	0.12
120-82-1	1,2,4-Trichlorobenzene	200		1.0	0.20
87-61-6	1,2,3-Trichlorobenzene	66		1.0	0.17
78-87-5	1,2-Dichloropropane	0.16	U	1.0	0.16
108-87-2	Methylcyclohexane	0.74	J	1.0	0.10
127-18-4	Tetrachloroethene	9.3		1.0	0.13
1330-20-7	Xylenes, Total	1.5	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)	107		70-130
2037-26-5	Toluene-d8 (Surr)	116		70-130
460-00-4	Bromofluorobenzene	72		70-130
1868-53-7	Dibromofluoromethane (Surr)	112		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-WT Lab Sample ID: 460-62968-21

Matrix: Solid Lab File ID: D363110.D

Analysis Method: 8260B Date Collected: 09/12/2013 12:05

Sample wt/vol: 5.526(g) Date Analyzed: 09/19/2013 00:03

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.: 182028 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 977

CAS NO.	COMPOUND NAME	RT	RESULT	Q
53941-19-8	2-Hexene, 3,4,4-trimethyl-	8.09	85	J N
14676-29-0	Heptane, 3-ethyl-2-methyl-	8.45	90	J N
16538-93-5	Cyclooctane, butyl-	8.78	210	J N
493-02-7	Naphthalene, decahydro-, trans-	9.79	170	J N
50876-32-9	Cyclohexane, 1,1,3,5-tetramethyl-, cis-	9.98	59	J N
1000152-47-3	trans-Decalin, 2-methyl-	10.27	83	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	10.41	63	J N
17301-23-4	Undecane, 2,6-dimethyl-	10.81	69	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	11.07	83	J N
629-50-5	Tridecane	11.34	65	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D
Lims ID: 460-62968-B-21-A
Client ID: PMP-28SE-WT
Inject. Date: 19-Sep-2013 00:03:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-62968-B-21-A
Misc. Info.: 460-0004780-025
Operator:
Instrument ID: CVOAMS4
Purge Vol: 5.000 mL
ALS Bottle#: 24
Lims Batch ID: 182028
Lims Sample ID: 25
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\8260S_4.m
Last Update: 20-Sep-2013 10:18:18
Calib Date: 05-Sep-2013 06:32:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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 10:18:18

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
21 Carbon disulfide	76	2.021	2.012	0.010	99	21171	1.32	
19 Acetone	43	2.435	2.421	0.014	82	118313	156.8	
* 151 TBA-d9 (IS)	65	2.657	2.652	0.005	79	322332	1000.0	
49 Cyclohexane	56	3.504	3.504	0.0	39	4601	0.5948	
$ 152 Dibromofluoromethane (Surr)	113	3.726	3.721	0.005	95	219873	56.2	
43 2-Butanone (MEK)	72	3.856	3.846	0.010	91	13857	29.7	M
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.178	4.164	0.014	95	221817	53.4	
* 59 Fluorobenzene	96	4.438	4.429	0.009	98	666865	50.0	
63 Methylcyclohexane	83	4.602	4.578	0.024	39	7433	0.7073	M
61 Trichloroethene	95	4.592	4.593	0.0	78	15971	2.77	
* 150 1,4-Dioxane-d8	96	5.440	5.406	0.034	20	23502	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.104	6.100	0.004	97	816956	57.9	
77 Toluene	91	6.157	6.153	0.004	26	13868	0.6202	M
80 Tetrachloroethene	166	6.610	6.605	0.005	86	58777	8.89	
* 87 Chlorobenzene-d5	117	7.799	7.795	0.004	80	531444	50.0	
92 o-Xylene	106	8.392	8.382	0.010	34	13571	1.46	
$ 99 4-Bromofluorobenzene	174	8.878	8.873	0.005	50	189226	36.2	
115 1,3-Dichlorobenzene	146	9.682	9.677	0.005	14	14131	0.9843	
* 116 1,4-Dichlorobenzene-d4	152	9.745	9.735	0.010	53	337608	50.0	
117 1,4-Dichlorobenzene	146	9.750	9.745	0.005	24	60739	4.38	
121 1,2-Dichlorobenzene	146	10.053	10.053	0.0	13	8758	0.6603	
124 1,2,4-Trichlorobenzene	180	11.108	11.103	0.005	83	2135749	188.7	
128 1,2,3-Trichlorobenzene	180	11.464	11.459	0.005	68	616303	62.8	
S 131 Xylenes, Total	100				0		1.46	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D		
Lims ID:	460-62968-B-21-A	Client ID:	PMP-28SE-WT
Inject. Date:	19-Sep-2013 00:03:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-B-21-A		
Misc. Info.:	460-0004780-025		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	24
Lims Batch ID:	182028	Lims Sample ID:	25
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\8260S_4.m		
Last Update:	20-Sep-2013 10:18:18	Calib Date:	05-Sep-2013 06:32:30
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 10:18:18

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	53941-19-8 2-Hexene, 3,4,4-trimethyl-					
8.088	23665357	81.3	87	72	11207	
	14676-29-0 Heptane, 3-ethyl-2-methyl-					
8.449	24841145	85.4	87	91	18480	
	16538-93-5 Cyclooctane, butyl-					
8.777	57952963	199.2	87	78	34732	
	493-02-7 Naphthalene, decahydro-, trans-					
9.788	47744385	164.1	87	97	16320	
	50876-32-9 Cyclohexane, 1,1,3,5-tetramethyl-, cis-					
9.976	53956366	56.5	116	78	17394	
	1000152-47-3 trans-Decalin, 2-methyl-					
10.265	75823015	79.4	116	95	24310	
	2958-76-1 Naphthalene, decahydro-2-methyl-					
10.414	57257656	60.0	116	92	24327	
	17301-23-4 Undecane, 2,6-dimethyl-					
10.809	62996562	66.0	116	81	45584	
	54676-39-0 Cyclohexane, 2-butyl-1,1,3-trimethyl-					
11.069	75376927	78.9	116	95	44161	
	629-50-5 Tridecane					
11.339	58855381	61.6	116	90	45541	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 87 Chlorobenzene-d5	7.785	14545676	50.0
* 116 1,4-Dichlorobenzene-d4	9.788	47744385	50.0

QC Flag Legend

Processing Flags

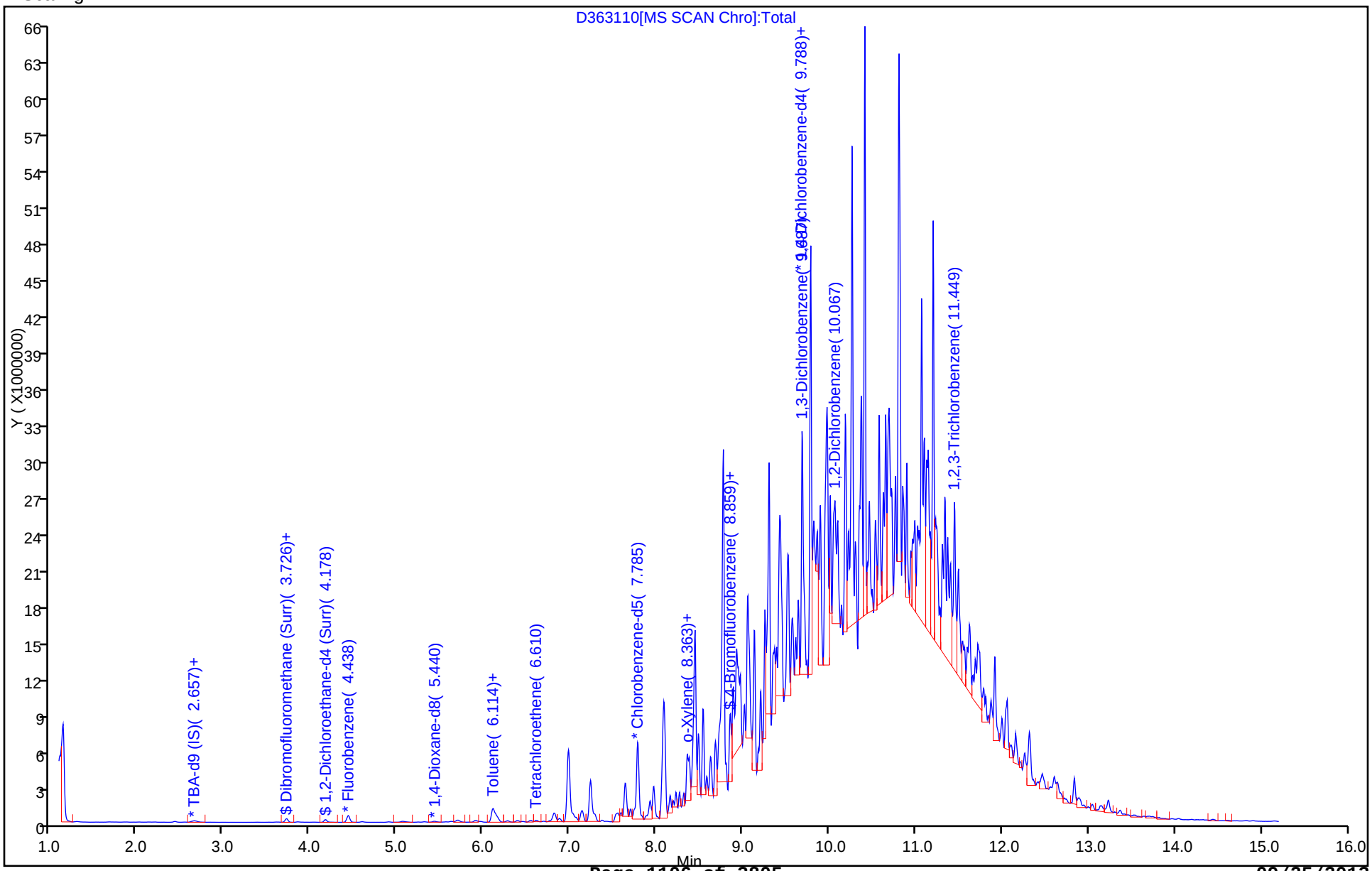
Report Date: 20-Sep-2013 10:18:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



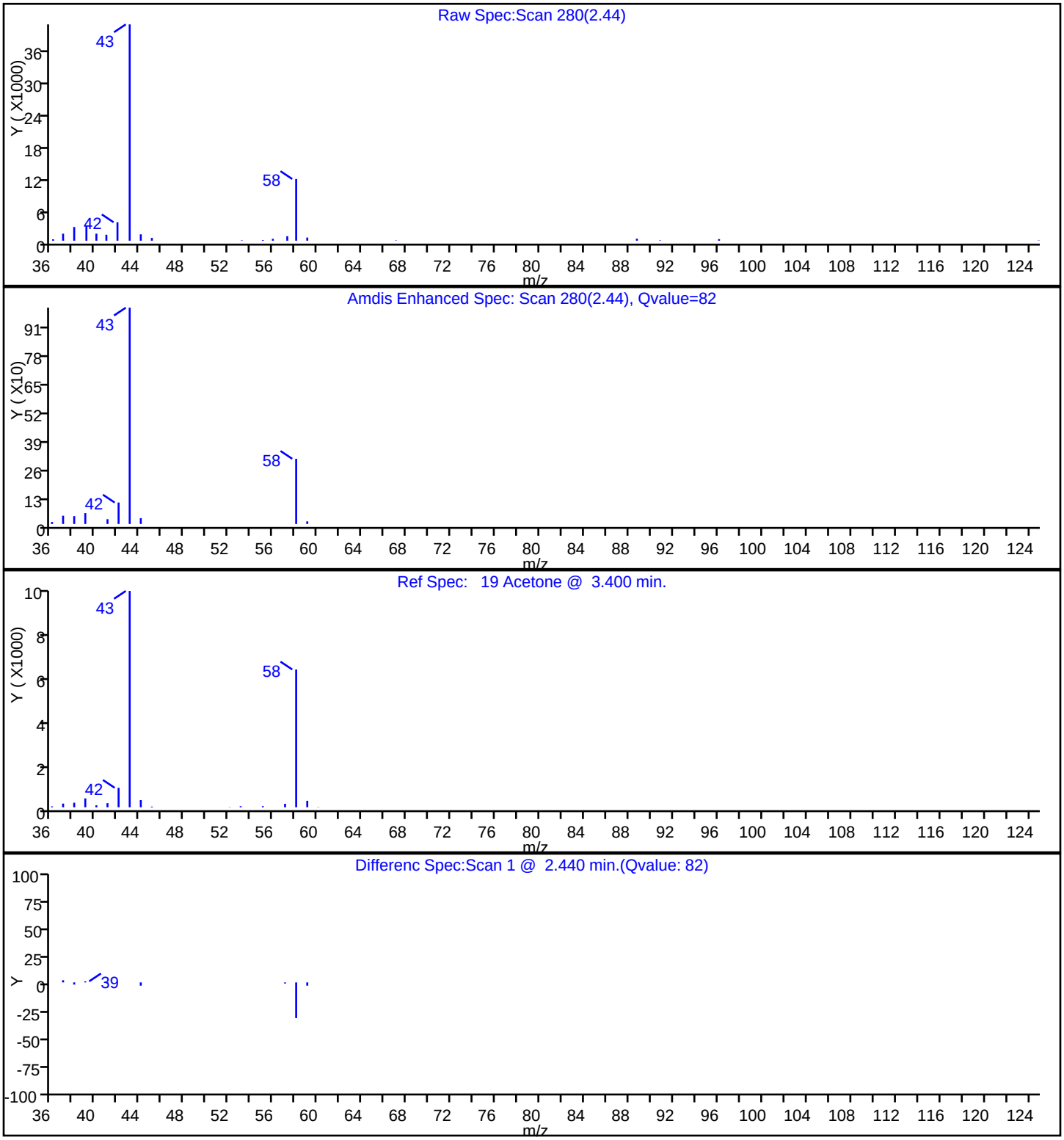
Report Date: 20-Sep-2013 10:18:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



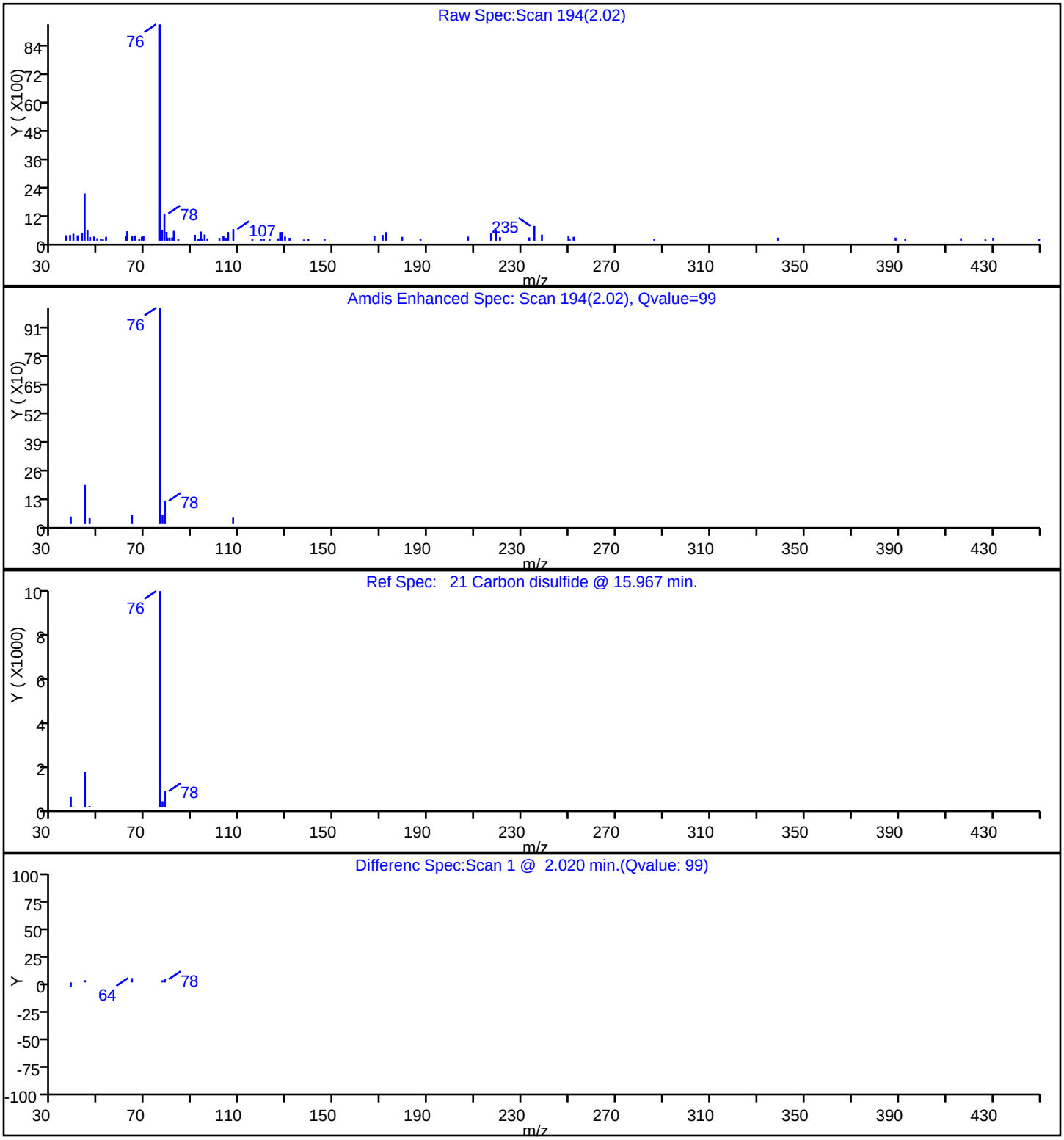
Report Date: 20-Sep-2013 10:18:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

21 Carbon disulfide



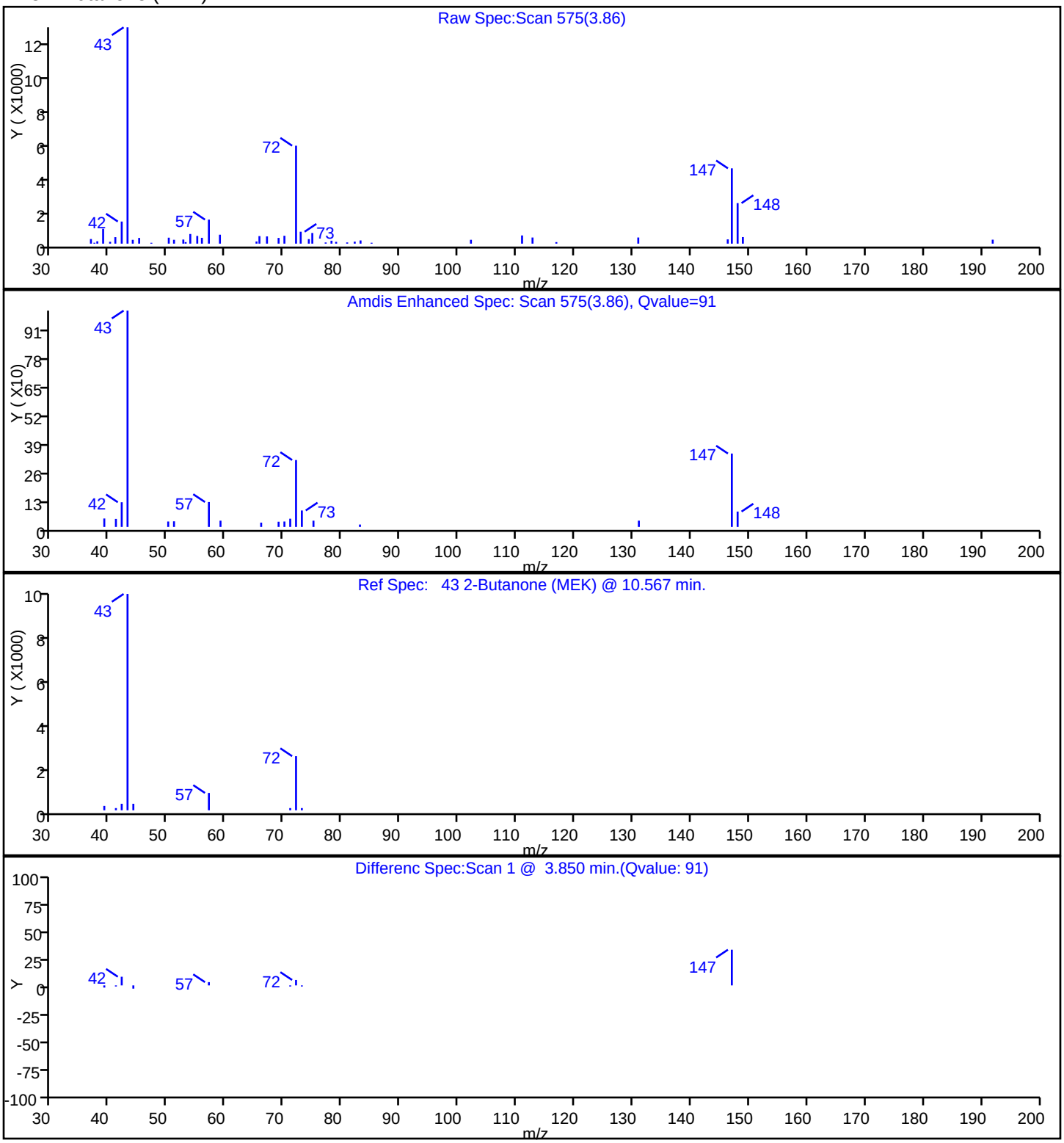
Report Date: 20-Sep-2013 10:18:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

43 2-Butanone (MEK)



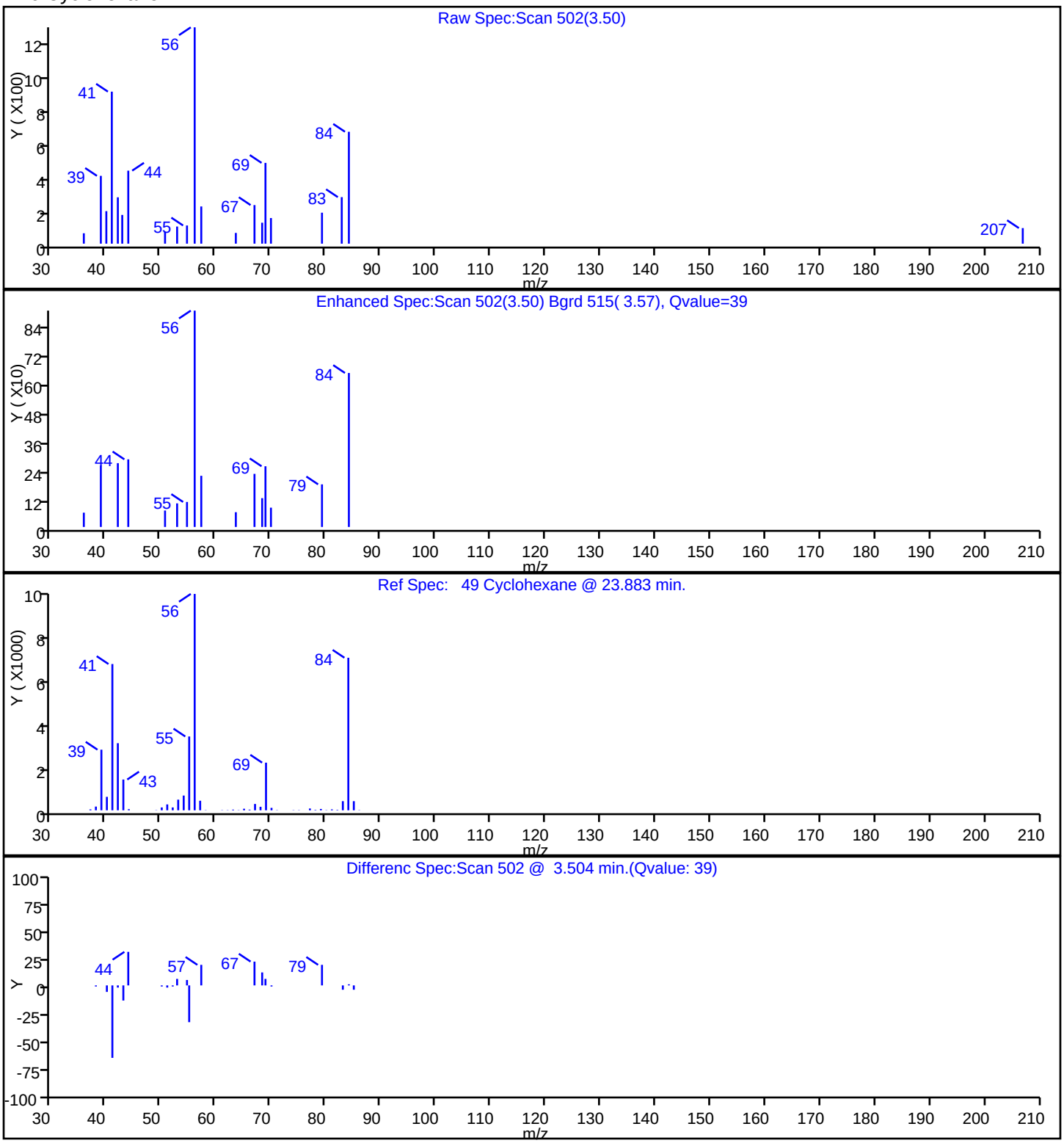
Report Date: 20-Sep-2013 10:18:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

49 Cyclohexane



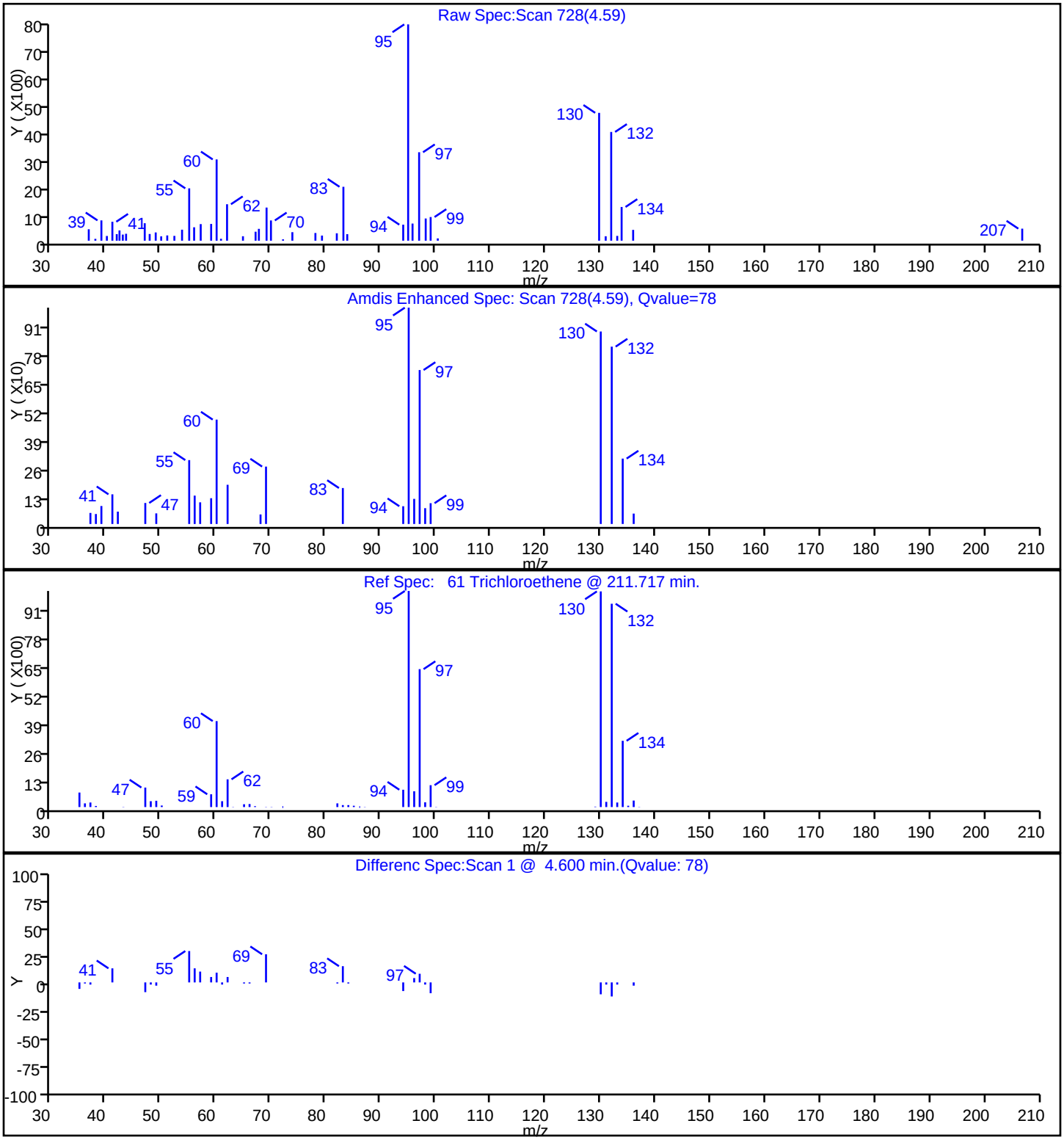
Report Date: 20-Sep-2013 10:18:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

61 Trichloroethene



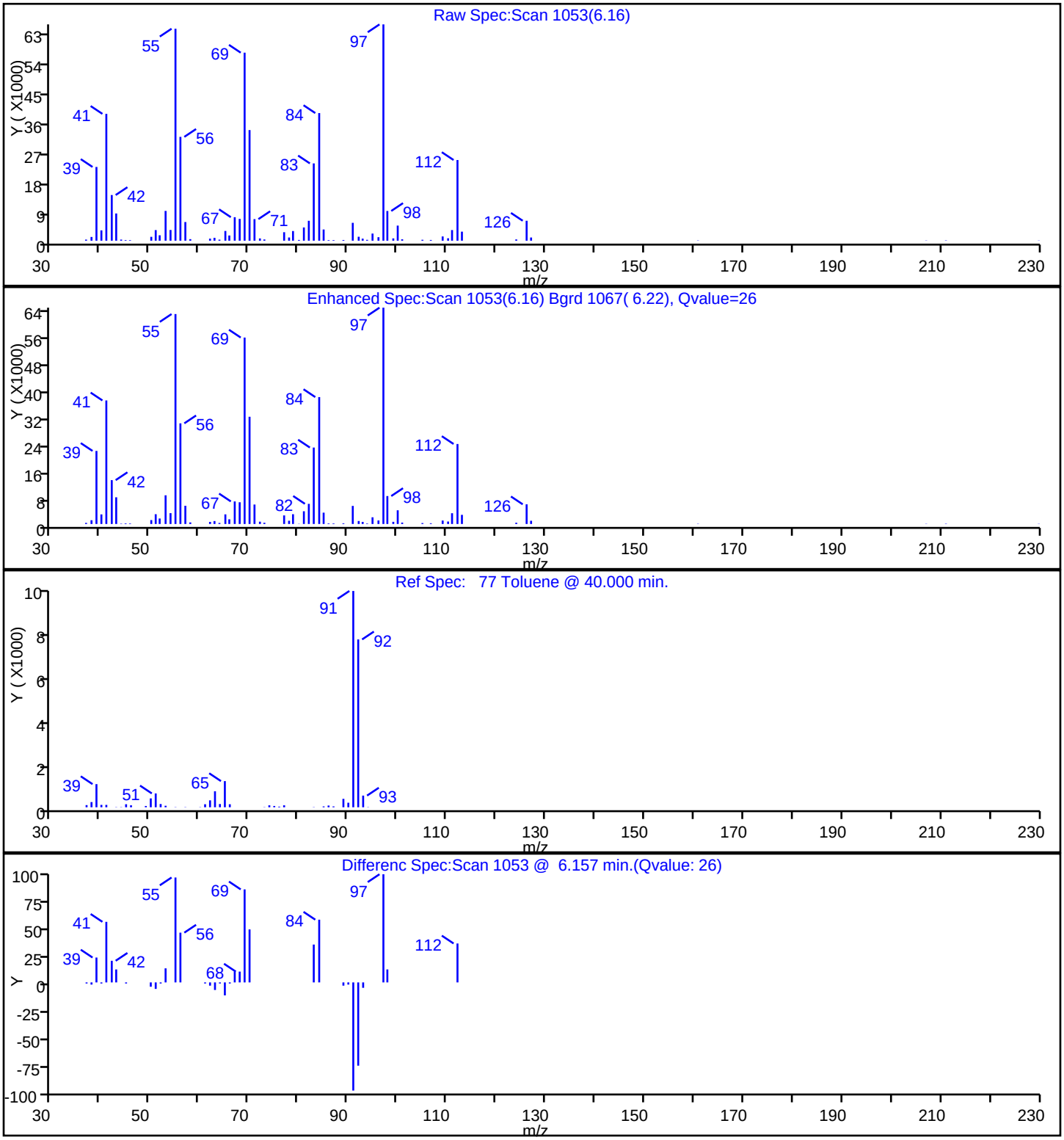
Report Date: 20-Sep-2013 10:18:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

77 Toluene



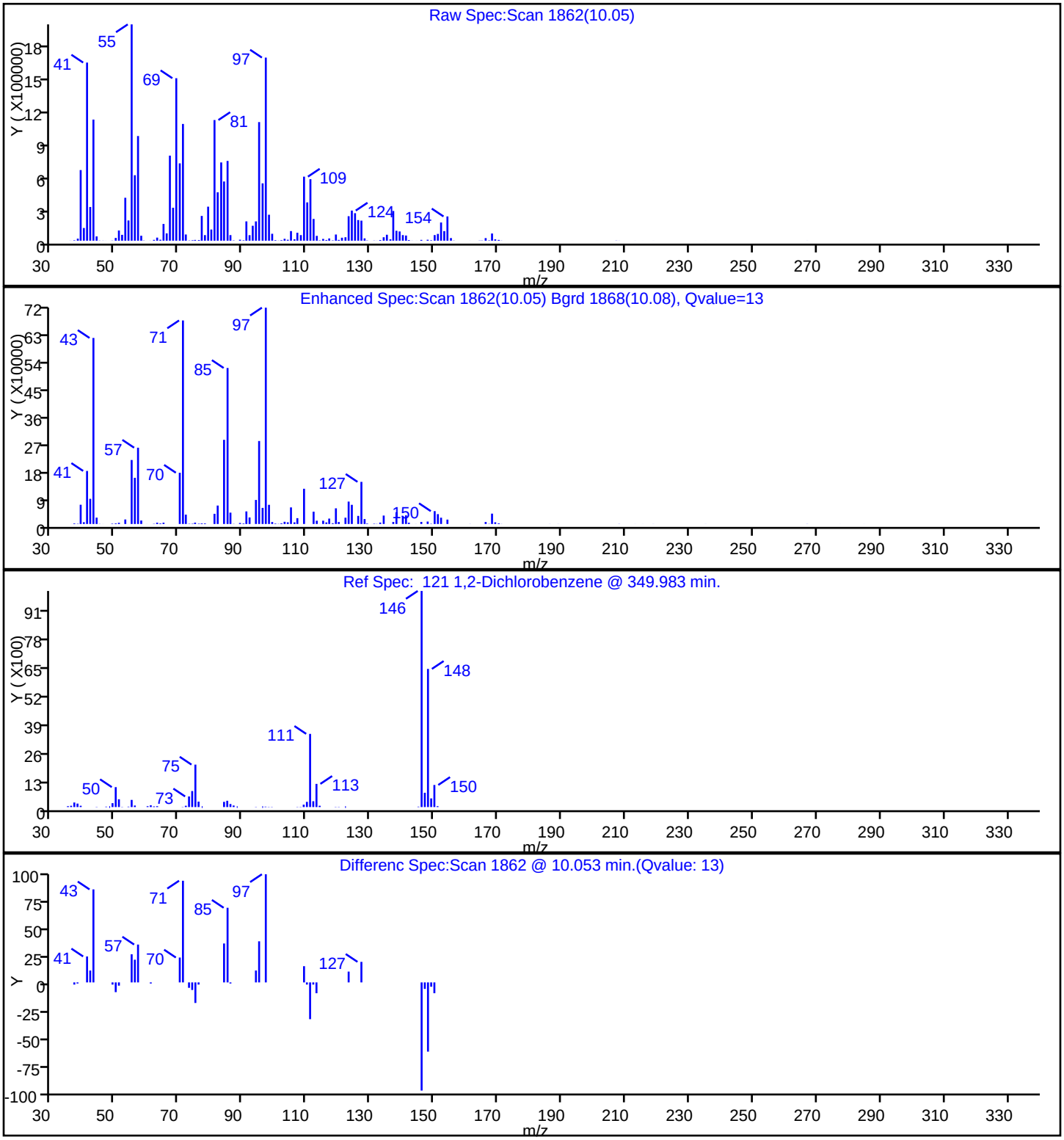
Report Date: 20-Sep-2013 10:18:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

121 1,2-Dichlorobenzene



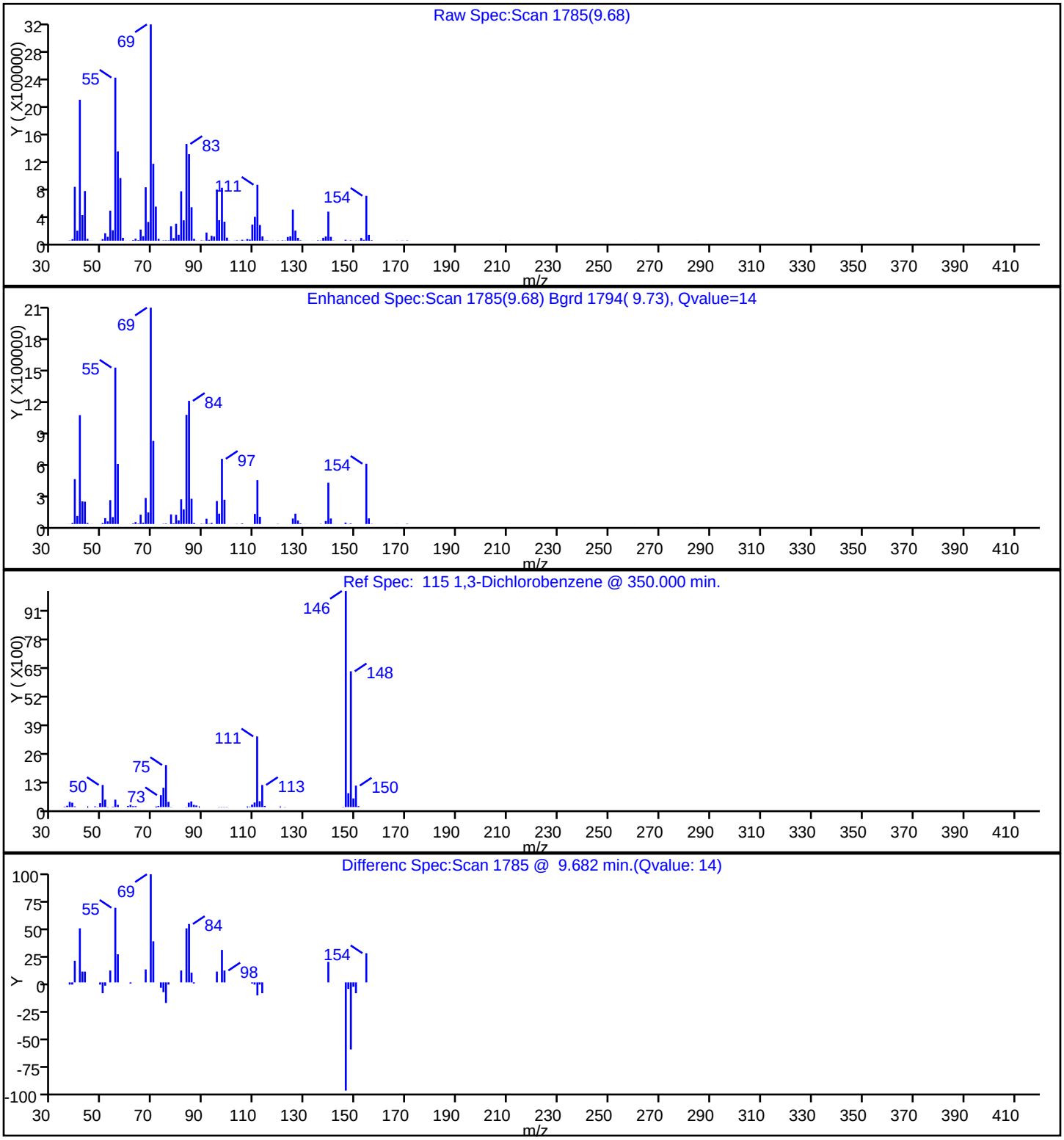
Report Date: 20-Sep-2013 10:18:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

115 1,3-Dichlorobenzene



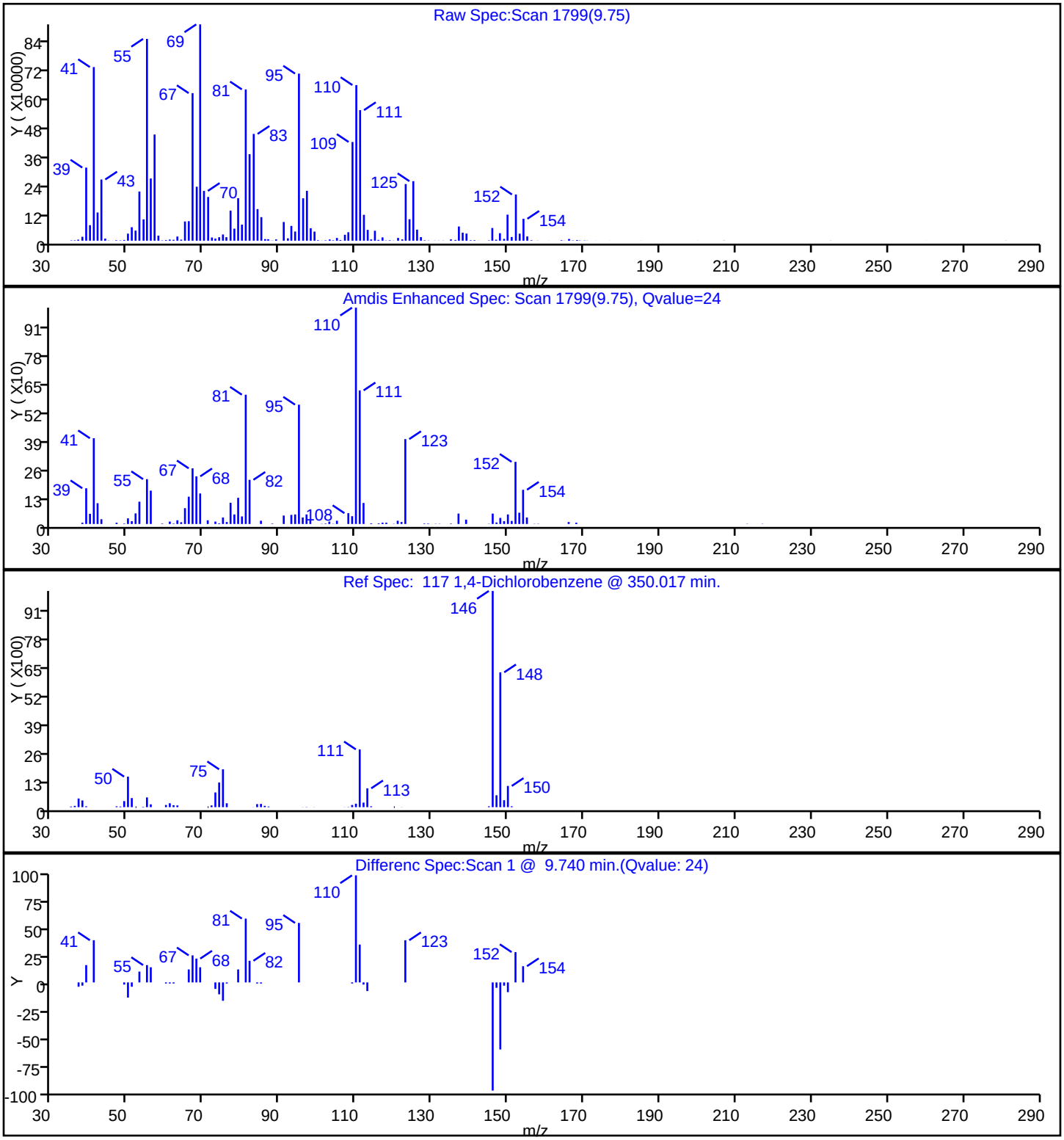
Report Date: 20-Sep-2013 10:18:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



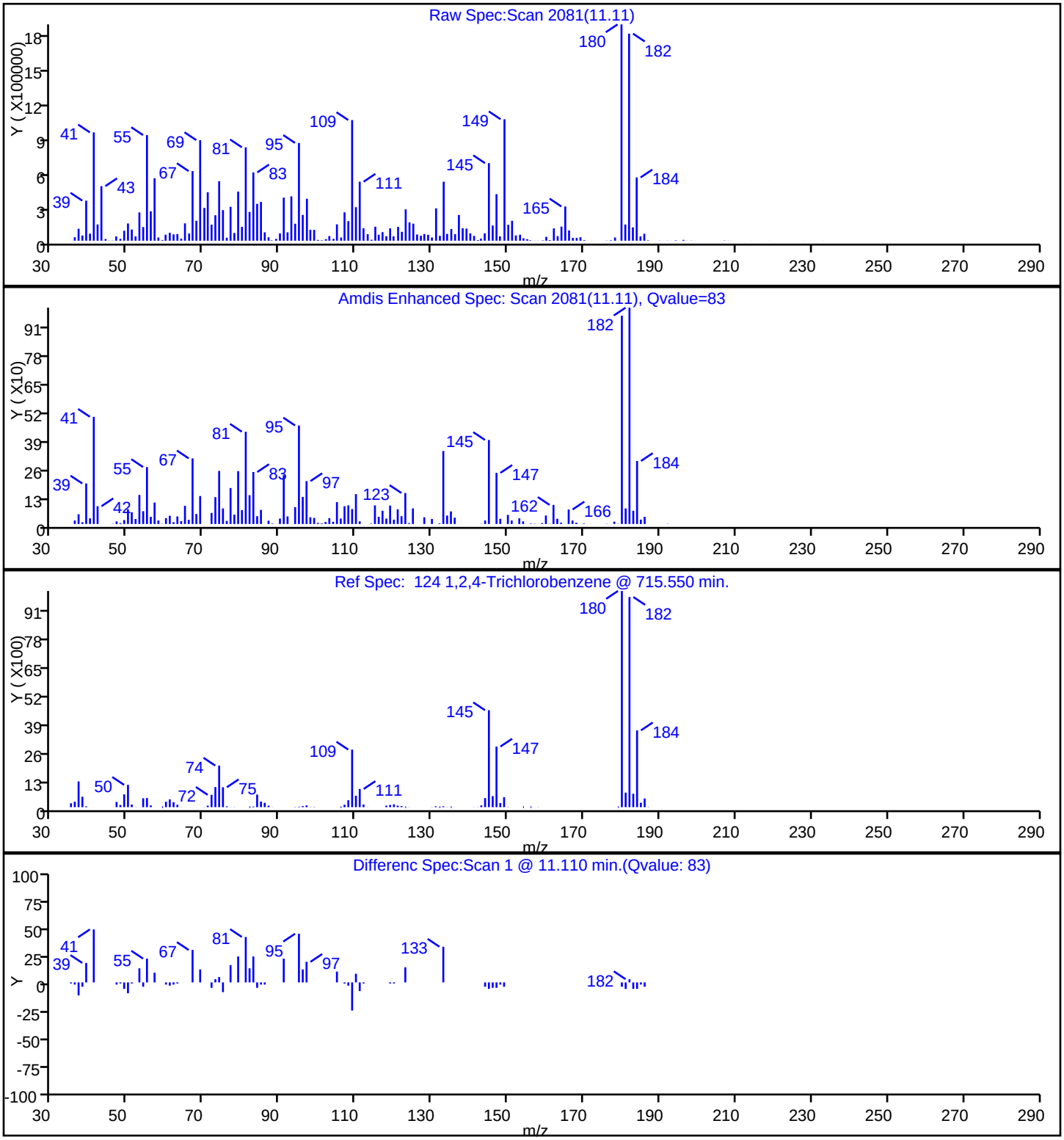
Report Date: 20-Sep-2013 10:18:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



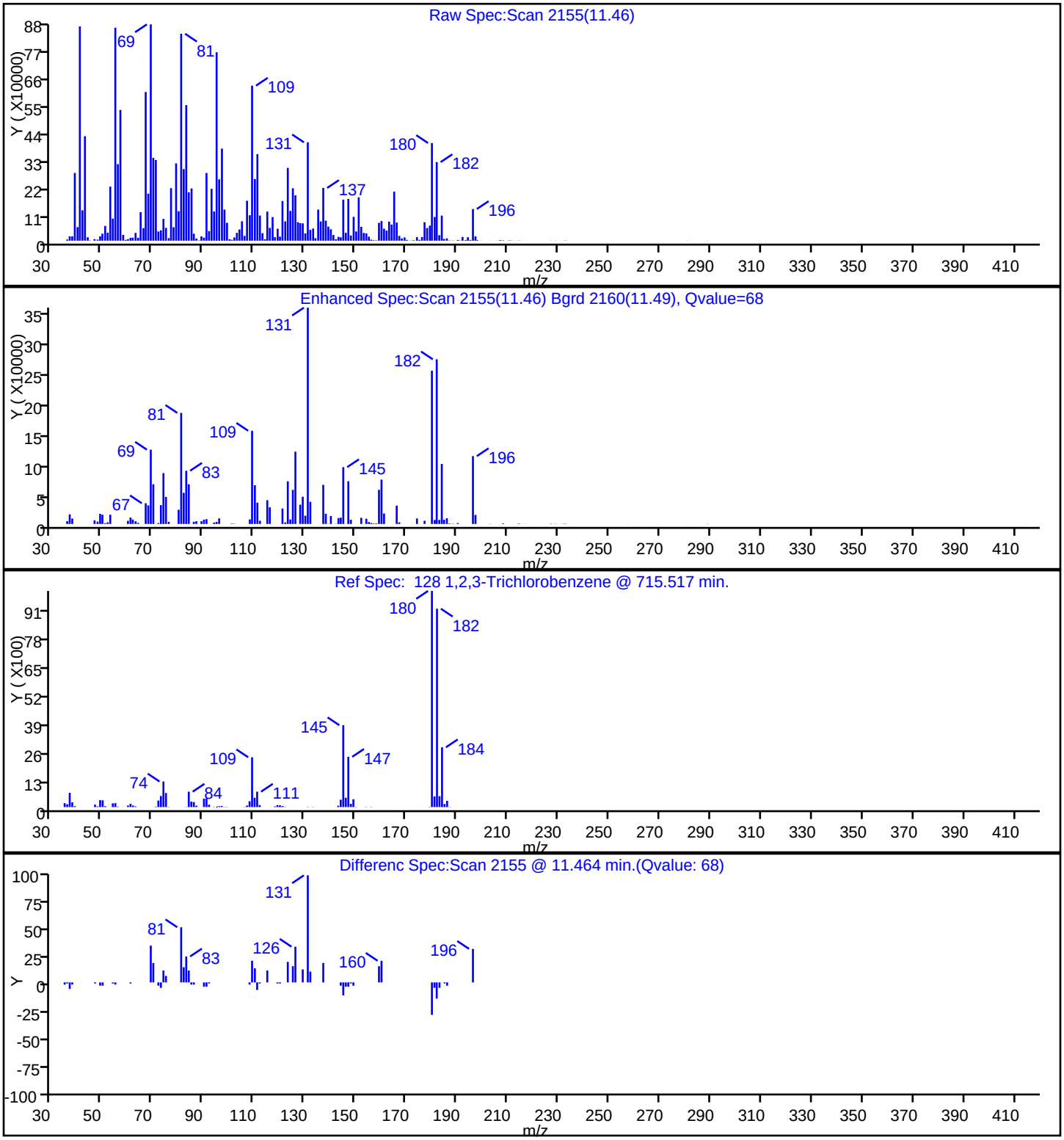
Report Date: 20-Sep-2013 10:18:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

128 1,2,3-Trichlorobenzene



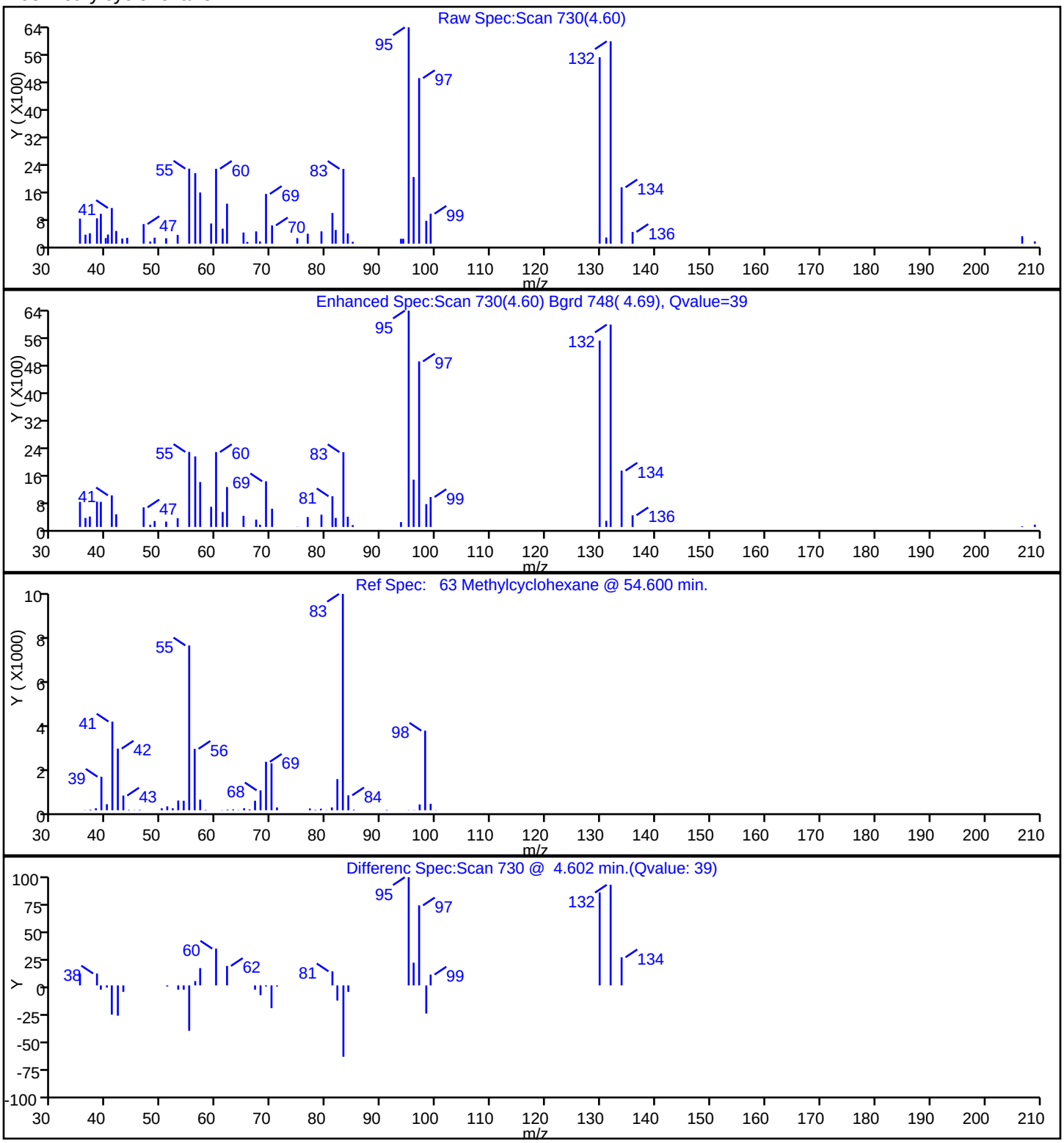
Report Date: 20-Sep-2013 10:18:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

63 Methylcyclohexane



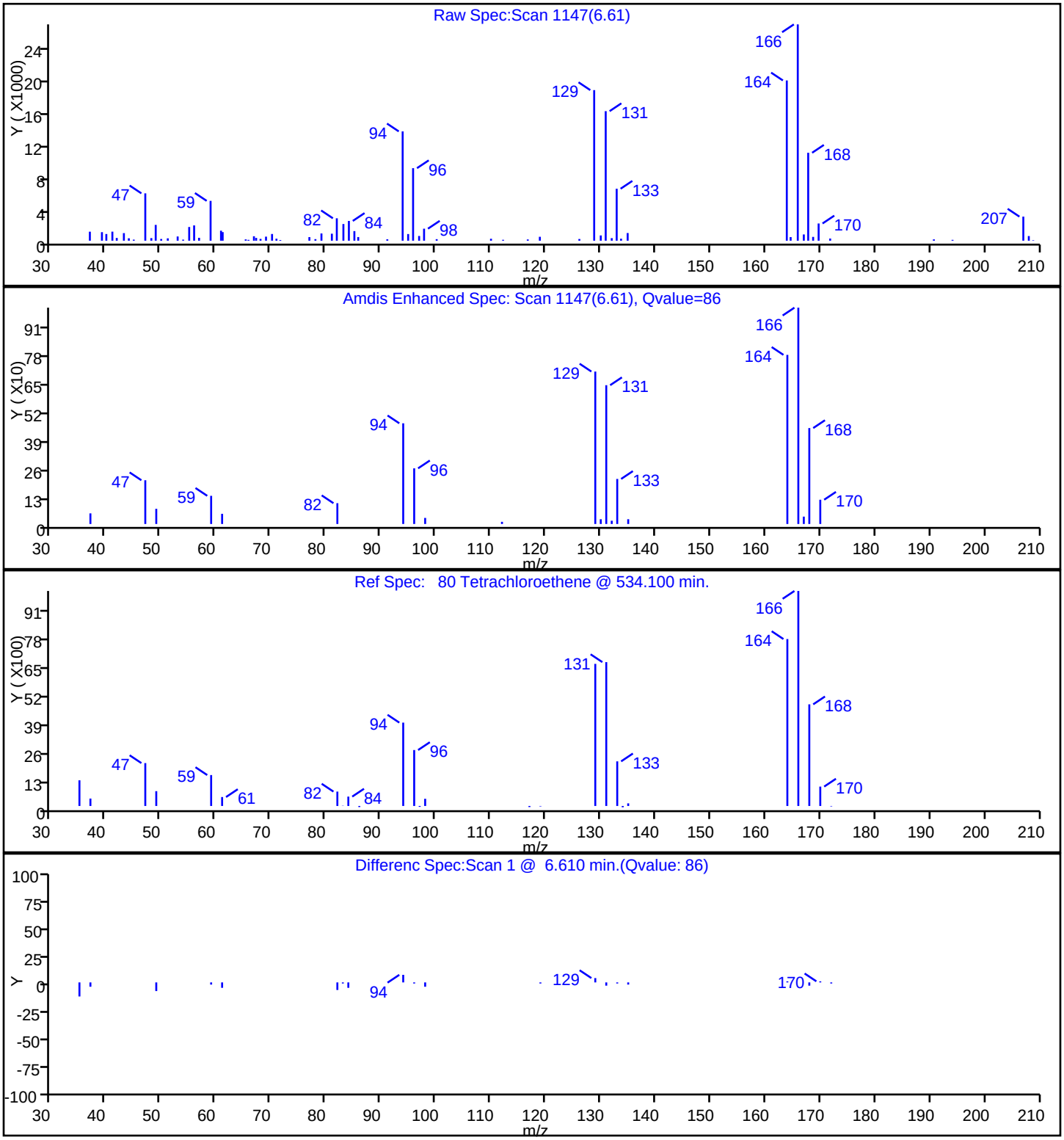
Report Date: 20-Sep-2013 10:18:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene



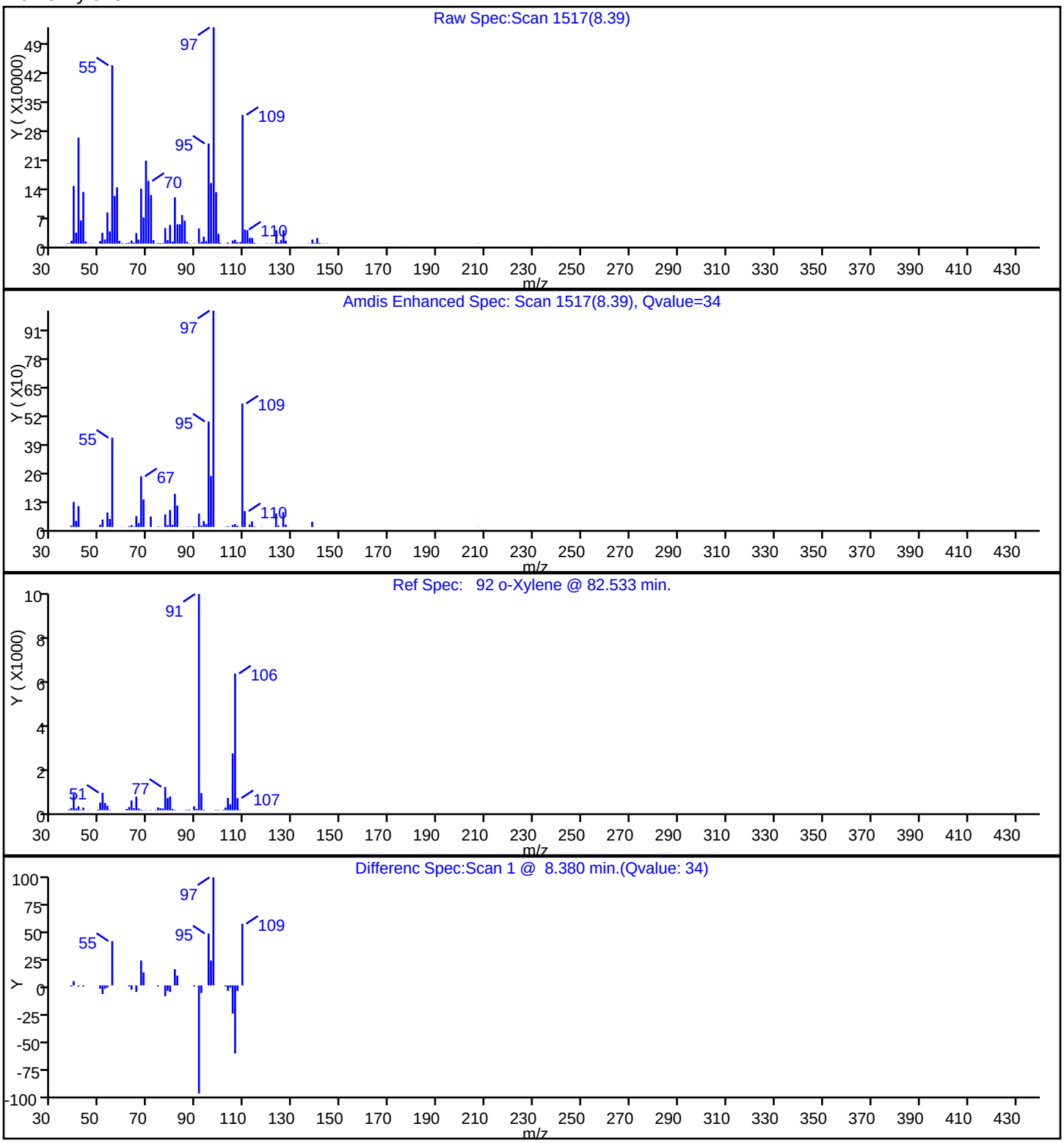
Report Date: 20-Sep-2013 10:18:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	25
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

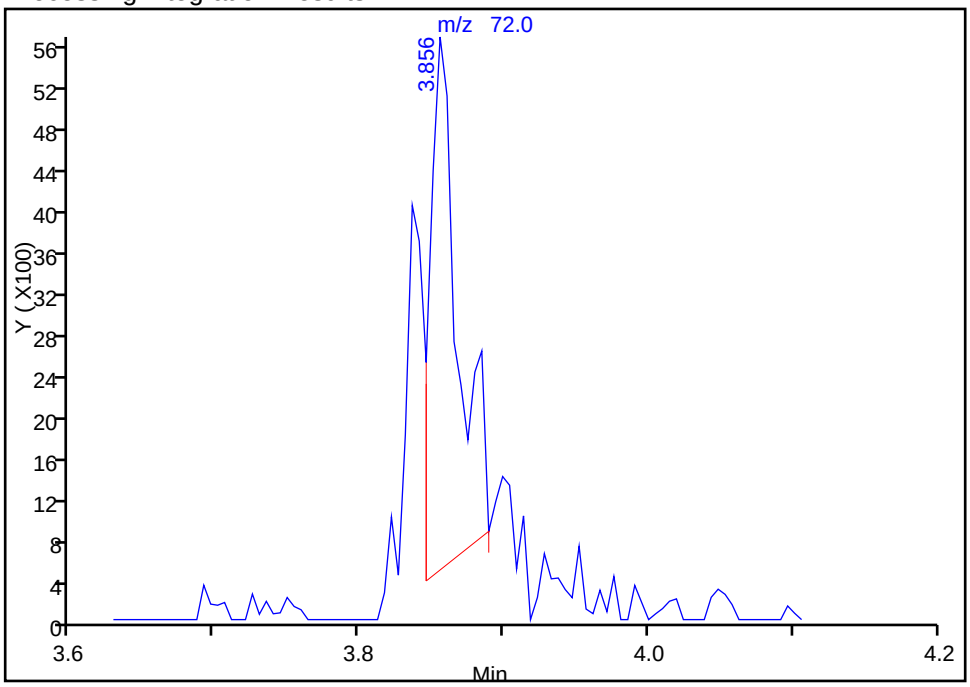
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D		
Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

43 2-Butanone (MEK), Signal: 1, m/z: 72.0 Type: quant, RT: 3.85

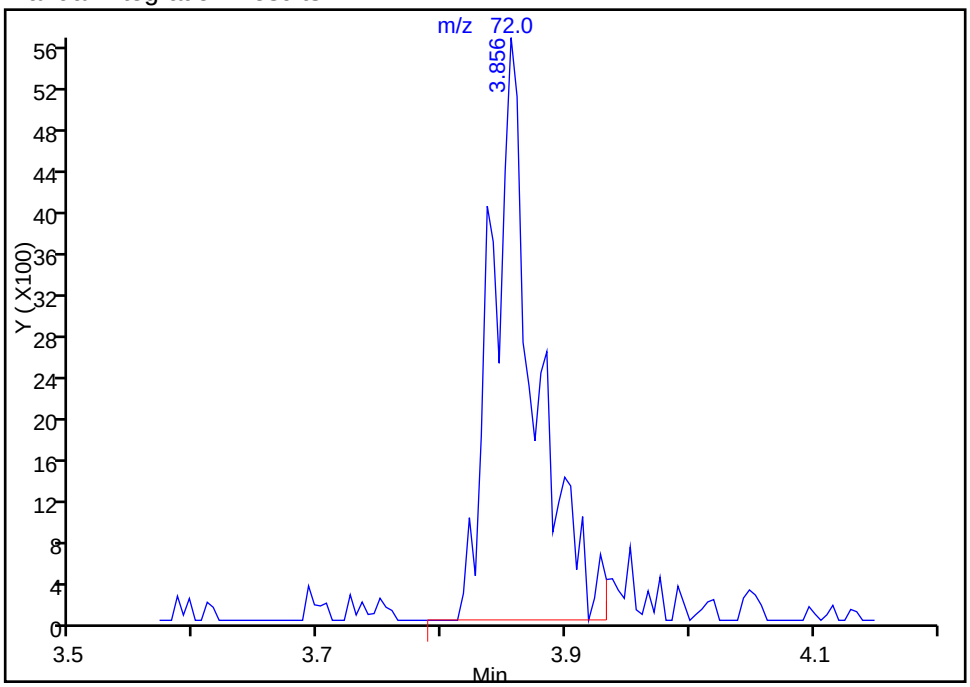
Processing Integration Results

RT: 3.86
Response: 6959
Amount: 14.914790



Manual Integration Results

RT: 3.86
Response: 13857
Amount: 29.698843



Reviewer: delpolitov, 20-Sep-2013 10:18:18
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

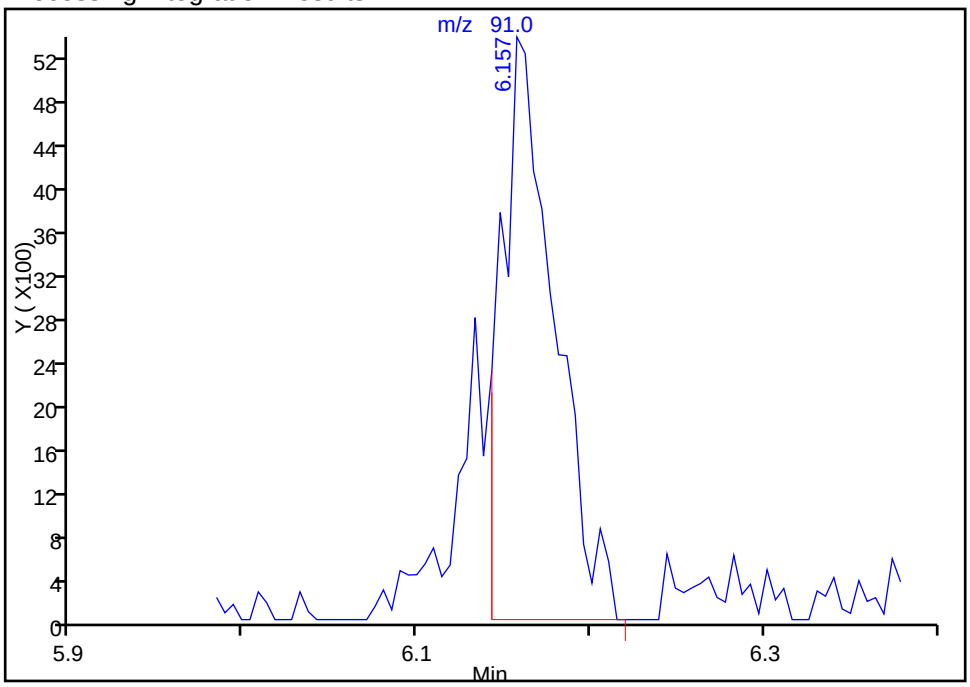
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D		
Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

77 Toluene, Signal: 1, m/z: 91.0 Type: quant, RT: 6.15

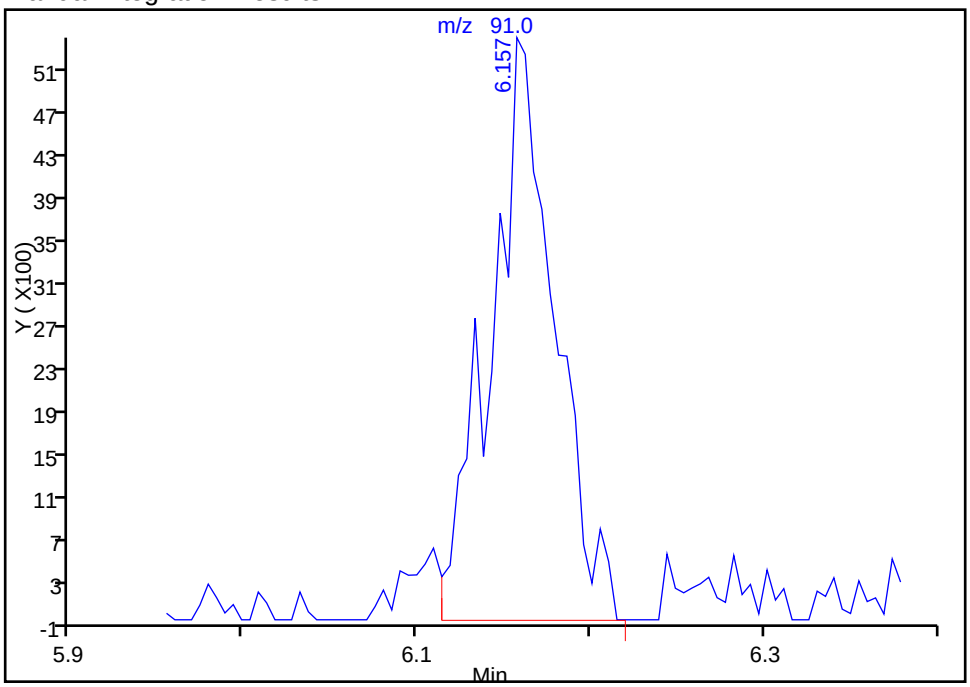
Processing Integration Results

RT: 6.16
Response: 11521
Amount: 0.515265



Manual Integration Results

RT: 6.16
Response: 13868
Amount: 0.620233



Reviewer: delpolitov, 20-Sep-2013 10:18:18
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

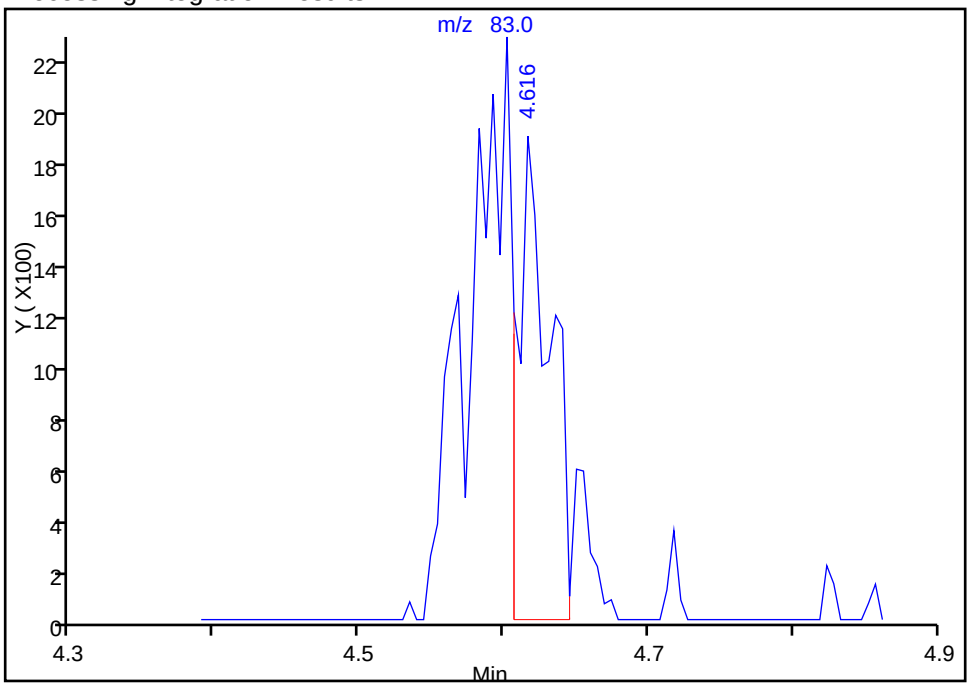
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D		
Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	25
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

63 Methylcyclohexane, Signal: 1, m/z: 83.0 Type: quant, RT: 4.58

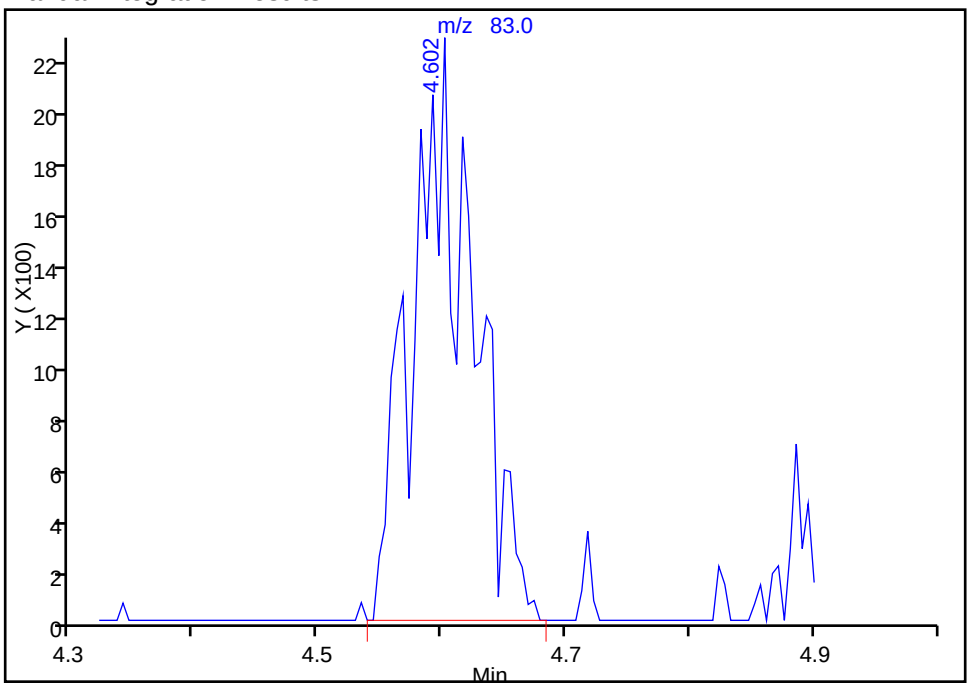
Processing Integration Results

RT: 4.62
Response: 2821
Amount: 0.268423



Manual Integration Results

RT: 4.60
Response: 7433
Amount: 0.707262



Reviewer: delpolitov, 20-Sep-2013 10:18:18
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

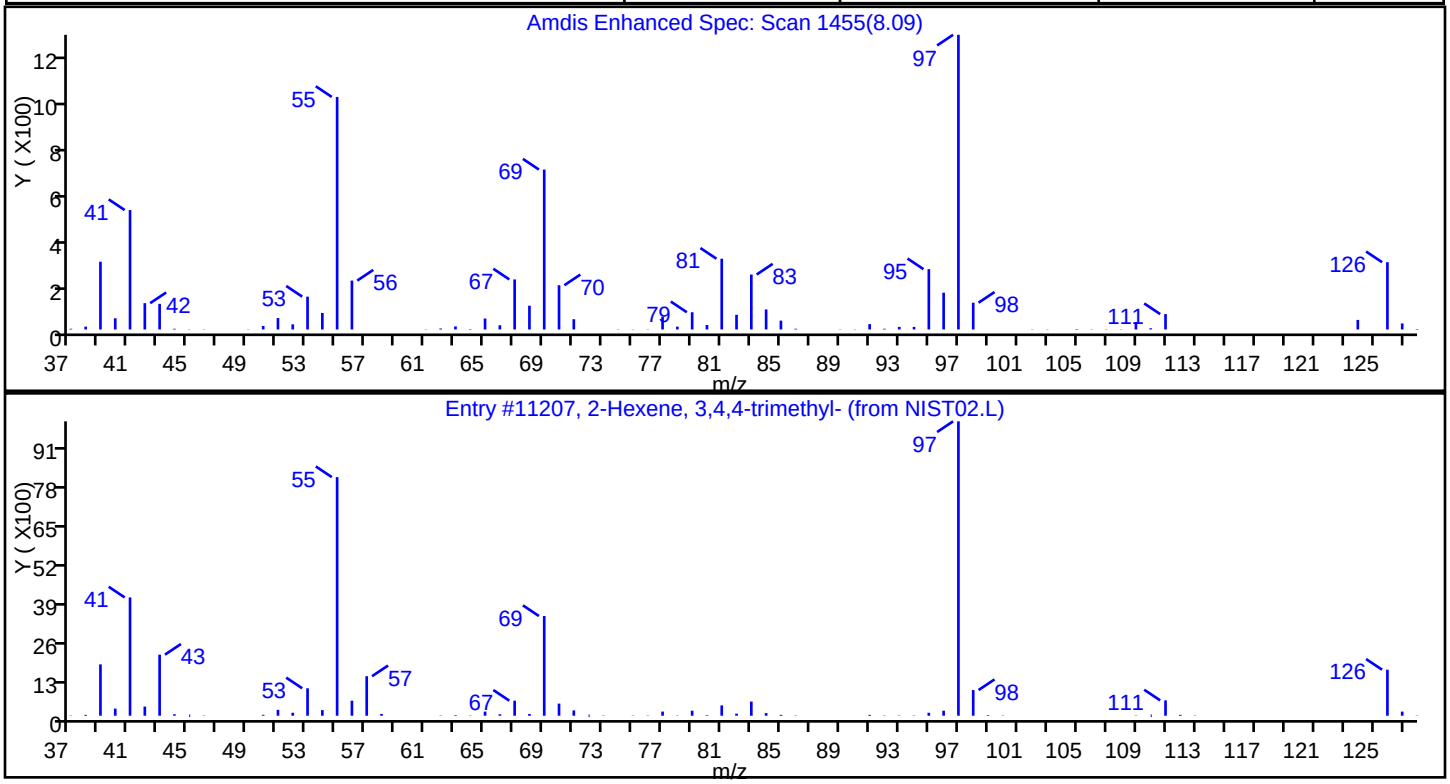
Report Date: 20-Sep-2013 10:18:19 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	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-Hexene, 3,4,4-trimethyl-	53941-19-8	NIST02.L	11207	72

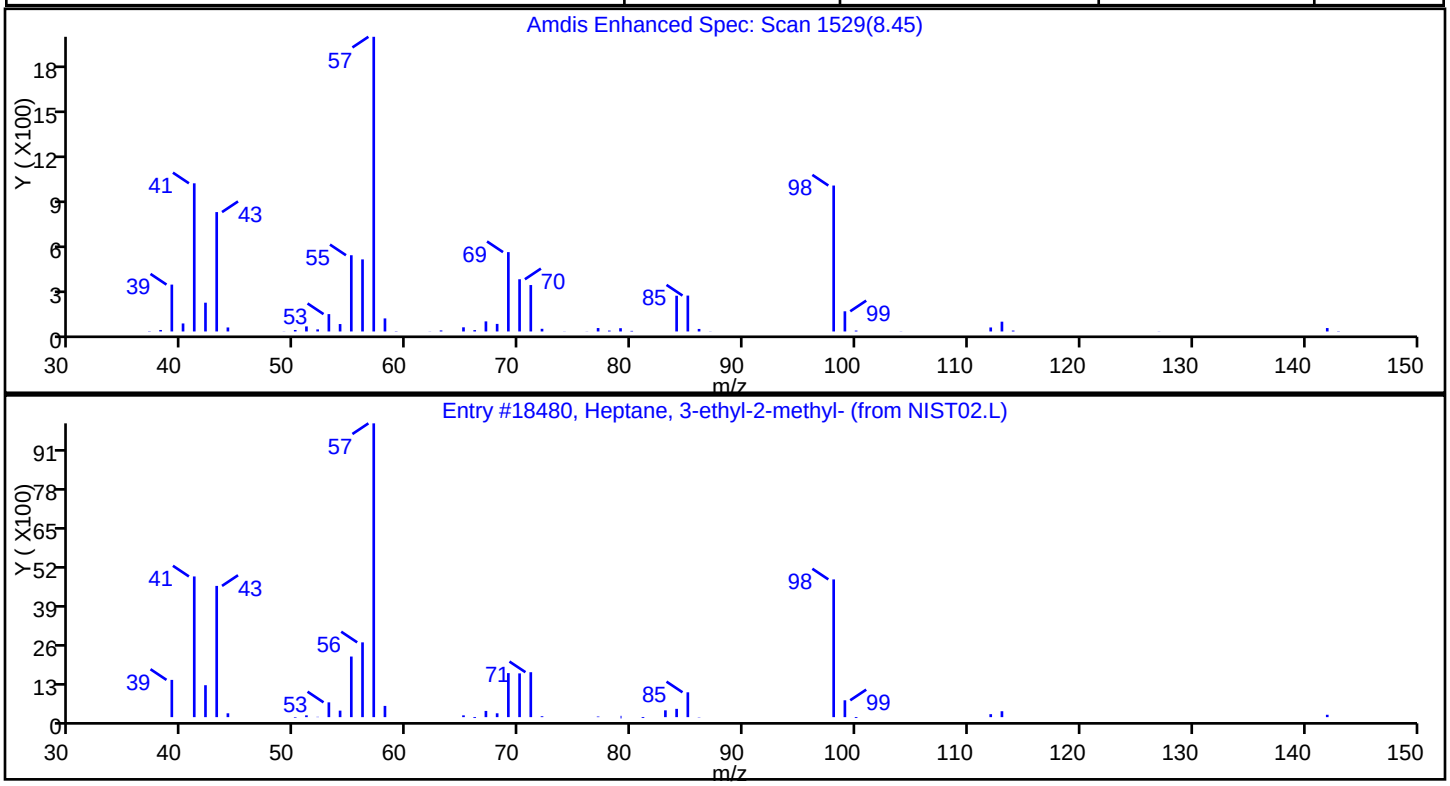


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	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
Heptane, 3-ethyl-2-methyl-	14676-29-0	NIST02.L	18480	91



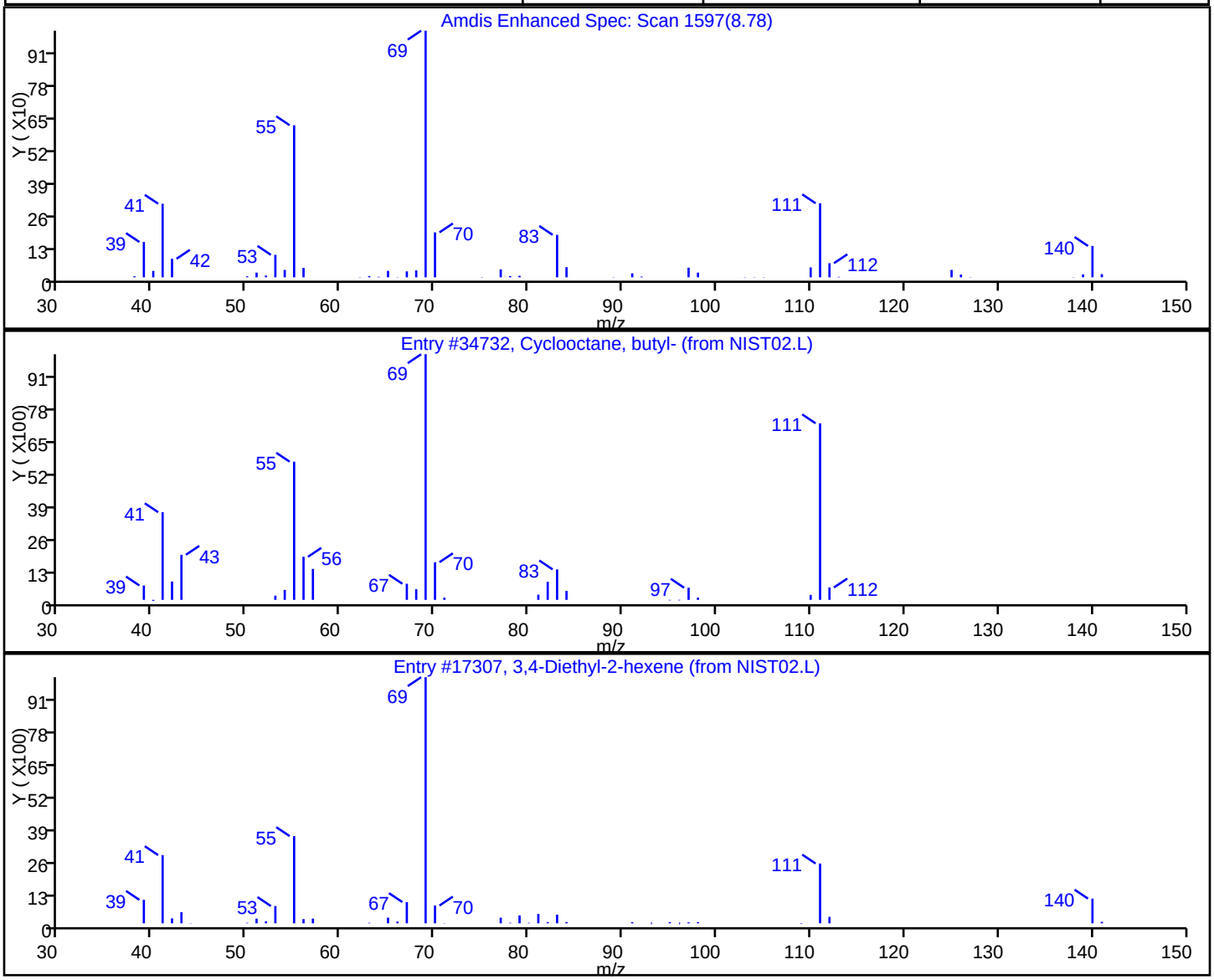
Report Date: 20-Sep-2013 10:18:19 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	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
Cyclooctane, butyl-	16538-93-5	NIST02.L	34732	78
3,4-Diethyl-2-hexene	1000113-54-8	NIST02.L	17307	72



Report Date: 20-Sep-2013 10:18:19 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date: 19-Sep-2013 00:03:30 Limit Group: VOA - 8260B Water and Solid

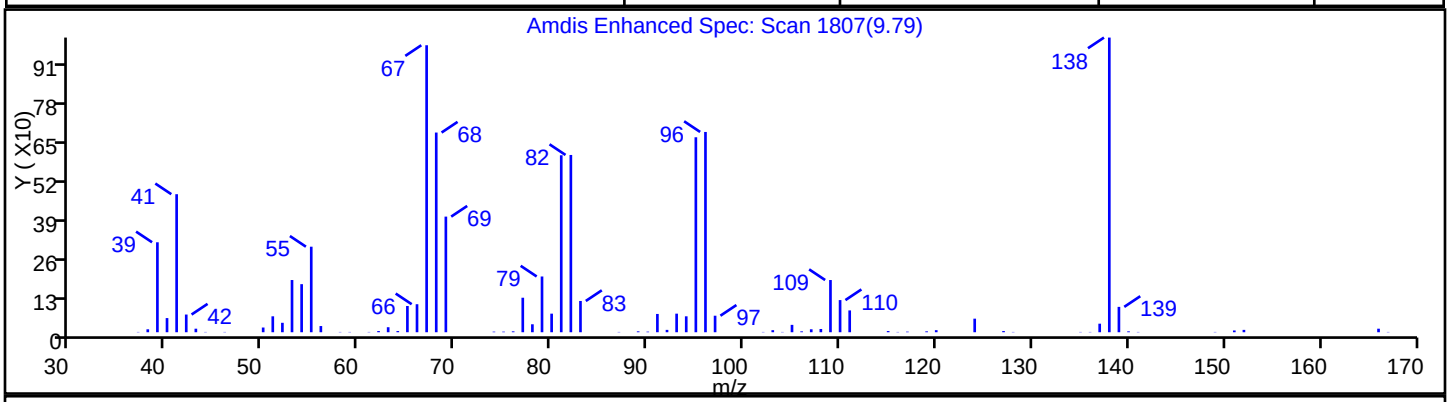
Client ID: PMP-28SE-WT Instrument ID: CVOAMS4

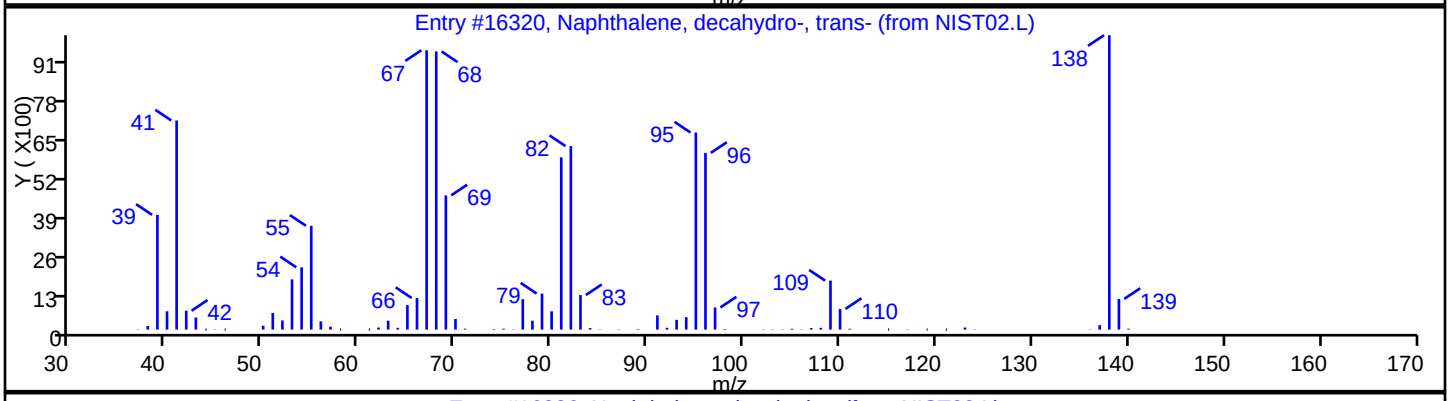
Lims Batch ID: 182028 Lims Sample ID: 25

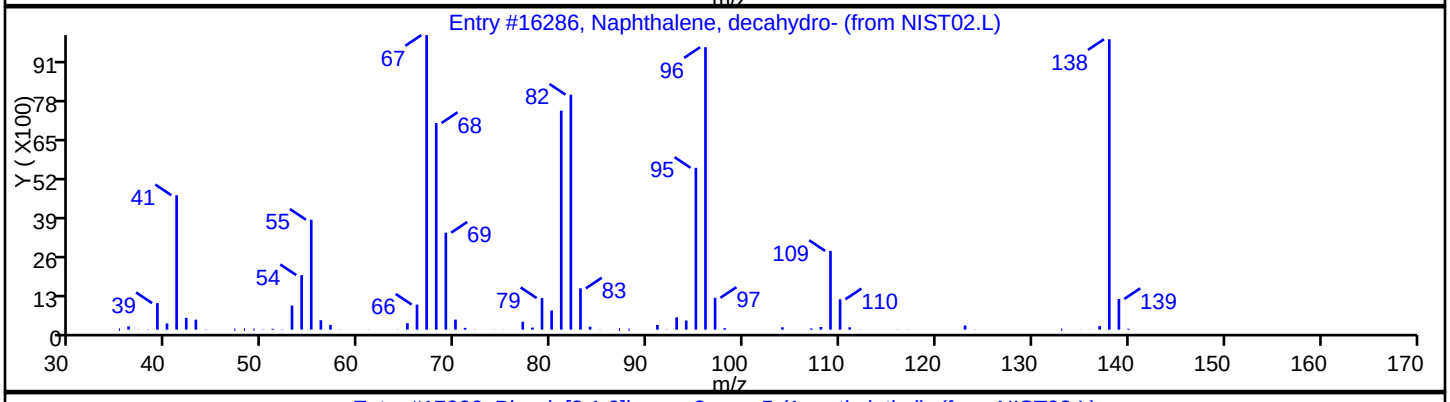
Operator ID: Purge Vol: 5.000 mL

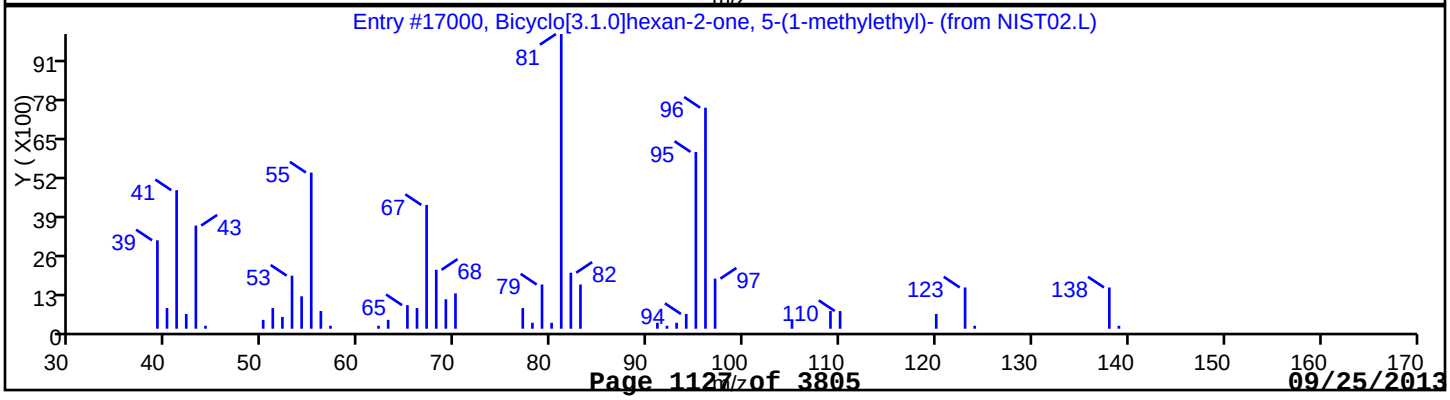
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-, trans-	493-02-7	NIST02.L	16320	97
Naphthalene, decahydro-	91-17-8	NIST02.L	16286	90
Bicyclo[3.1.0]hexan-2-one, 5-(1-methylet	513-20-2	NIST02.L	17000	86









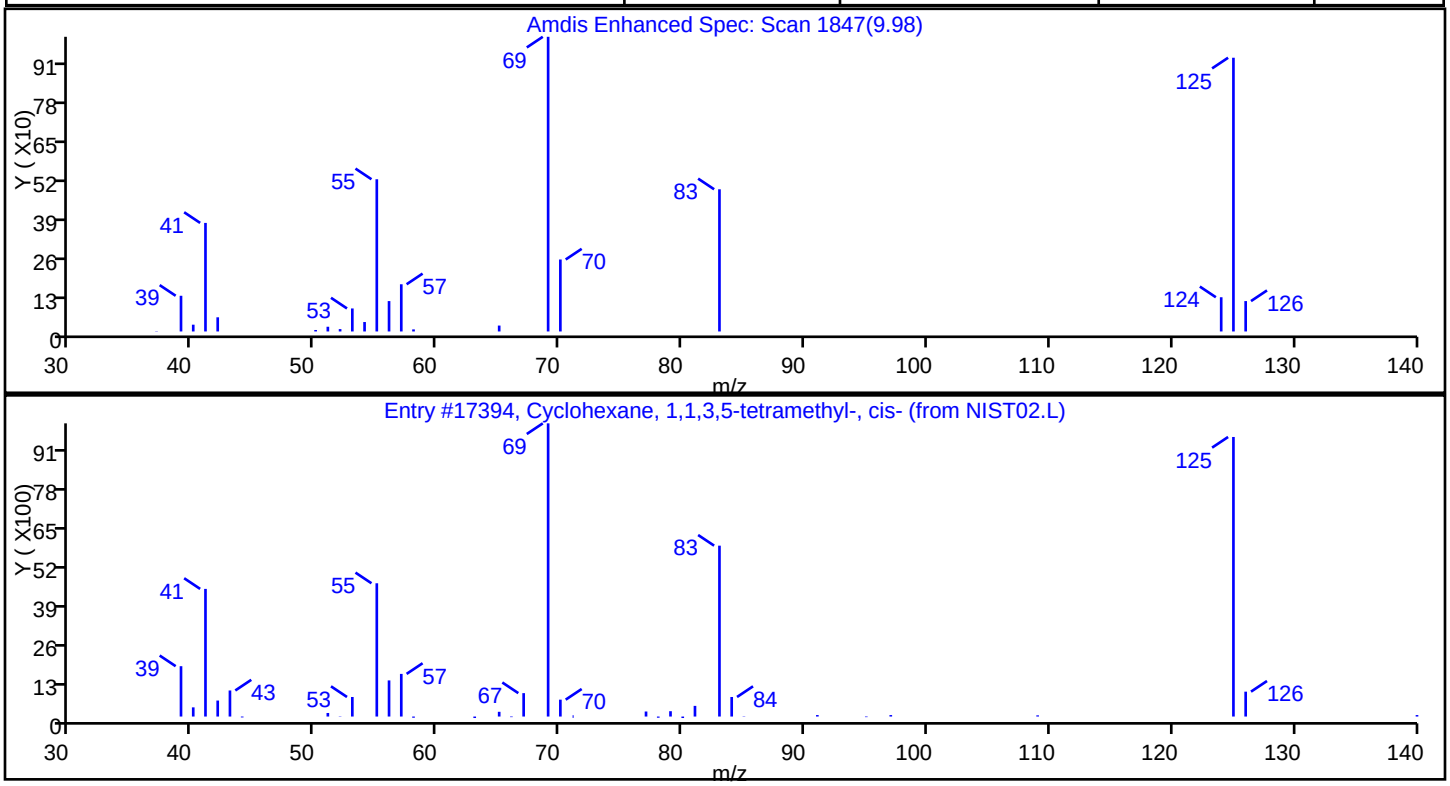
Report Date: 20-Sep-2013 10:18:19 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	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
Cyclohexane, 1,1,3,5-tetramethyl-, cis-	50876-32-9	NIST02.L	17394	78



Report Date: 20-Sep-2013 10:18:19 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date: 19-Sep-2013 00:03:30 Limit Group: VOA - 8260B Water and Solid

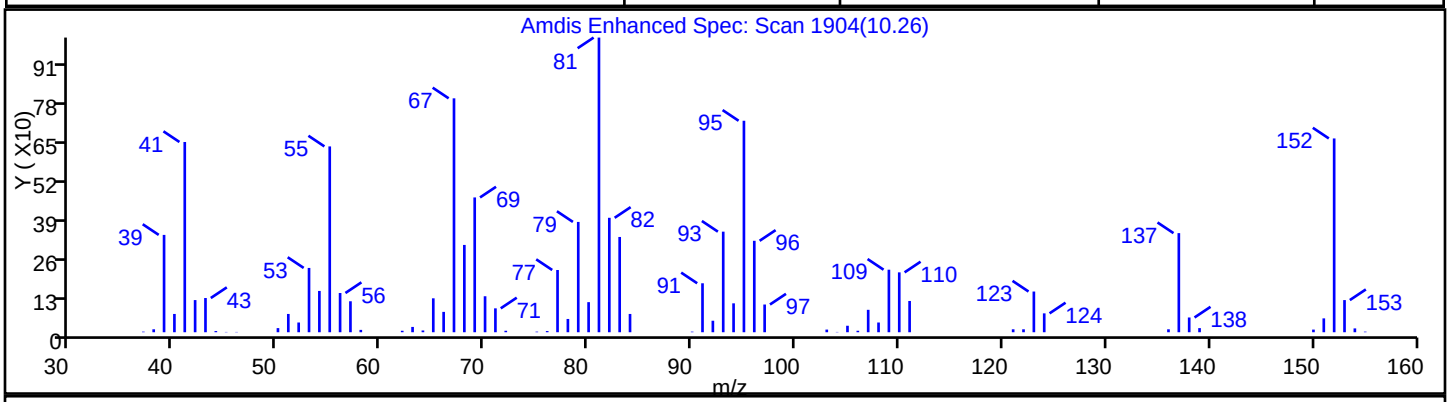
Client ID: PMP-28SE-WT Instrument ID: CVOAMS4

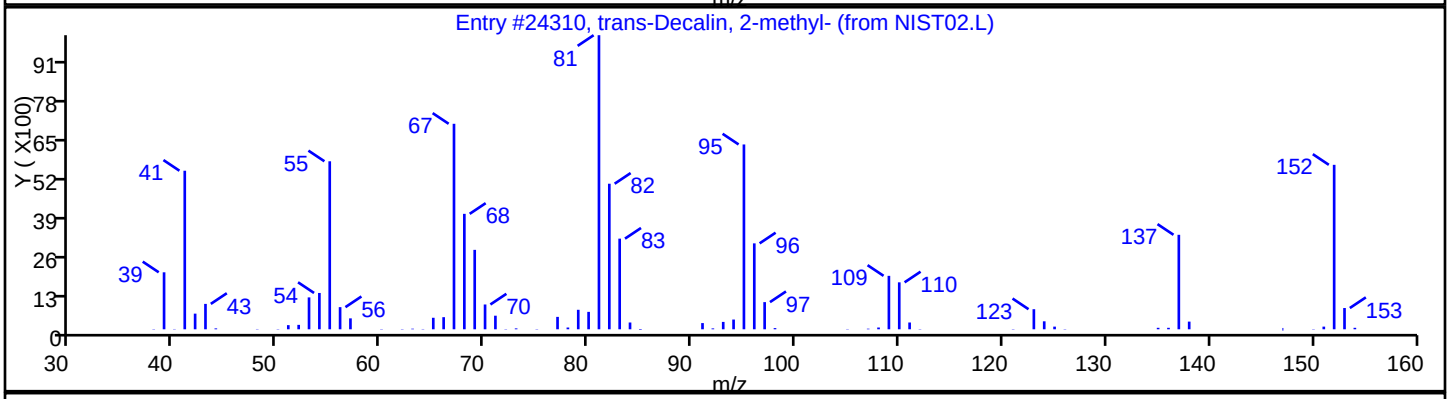
Lims Batch ID: 182028 Lims Sample ID: 25

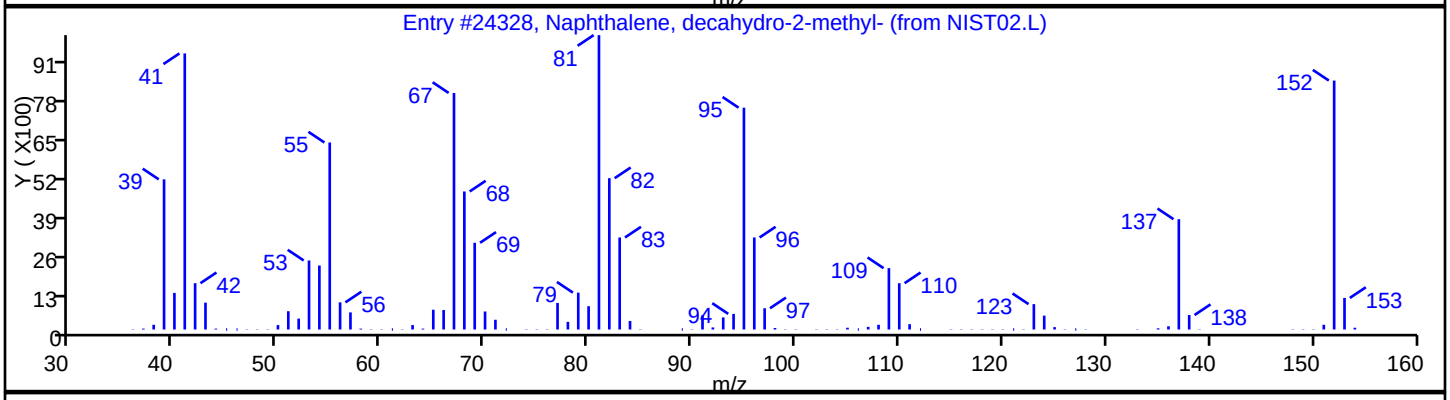
Operator ID: Purge Vol: 5.000 mL

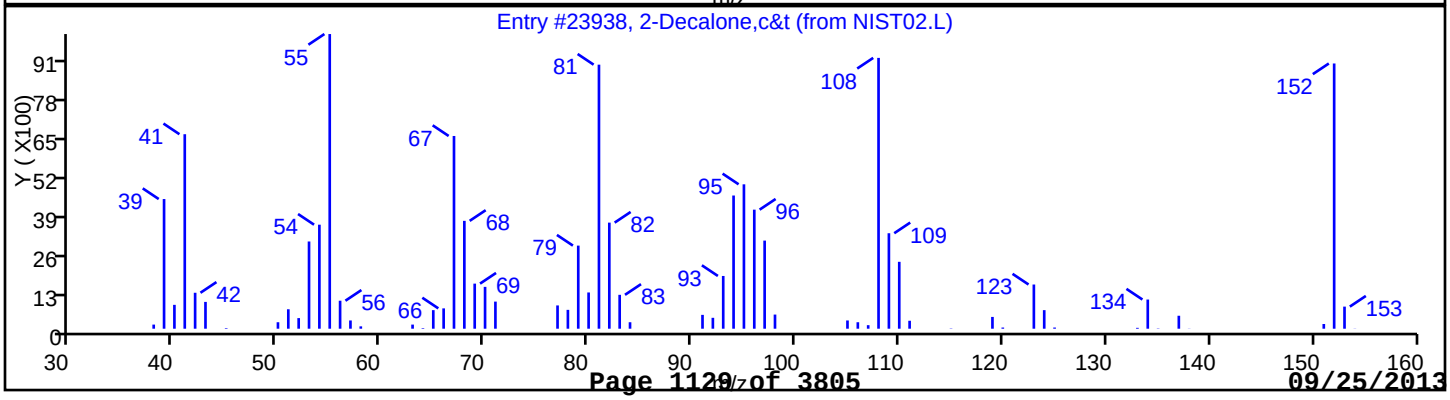
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	95
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	93
2-Decalone,c&t	4832-17-1	NIST02.L	23938	87









Report Date: 20-Sep-2013 10:18:19 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date: 19-Sep-2013 00:03:30 Limit Group: VOA - 8260B Water and Solid

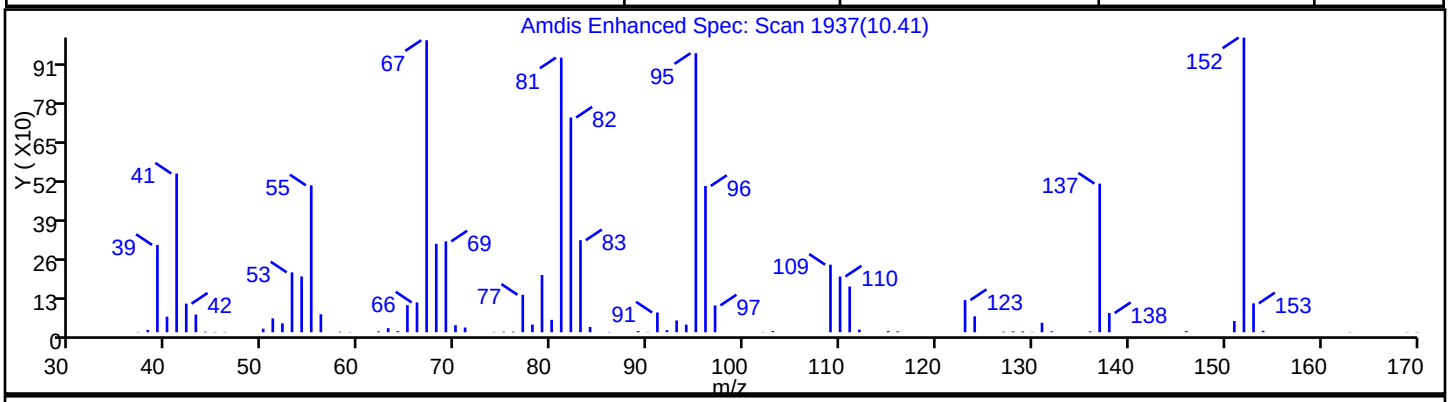
Client ID: PMP-28SE-WT Instrument ID: CVOAMS4

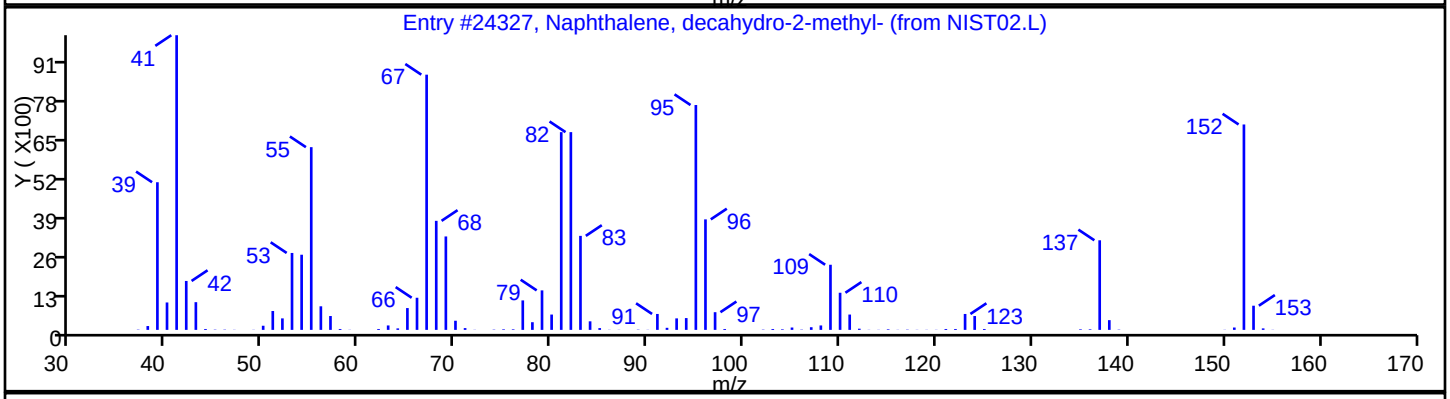
Lims Batch ID: 182028 Lims Sample ID: 25

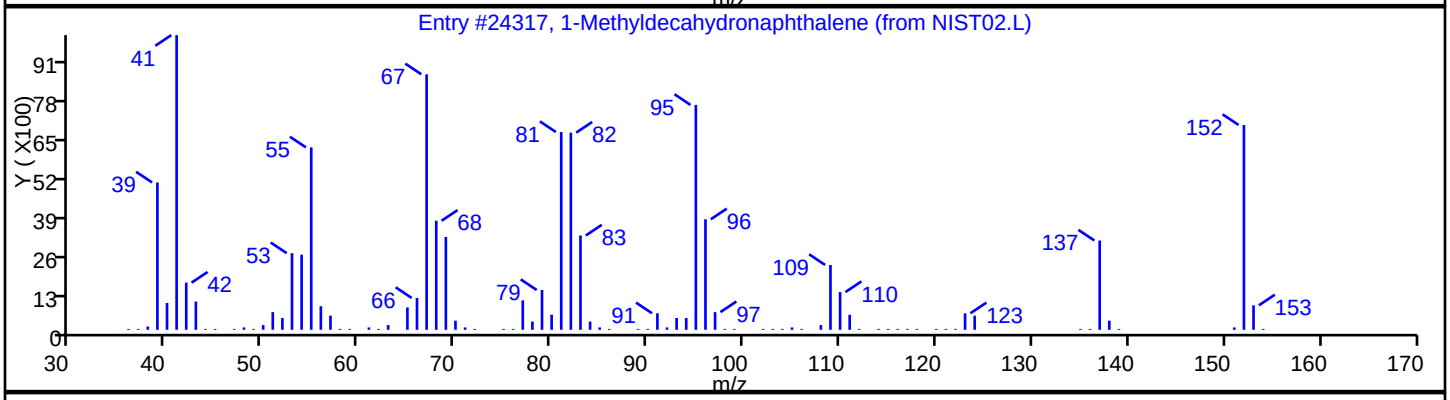
Operator ID: Purge Vol: 5.000 mL

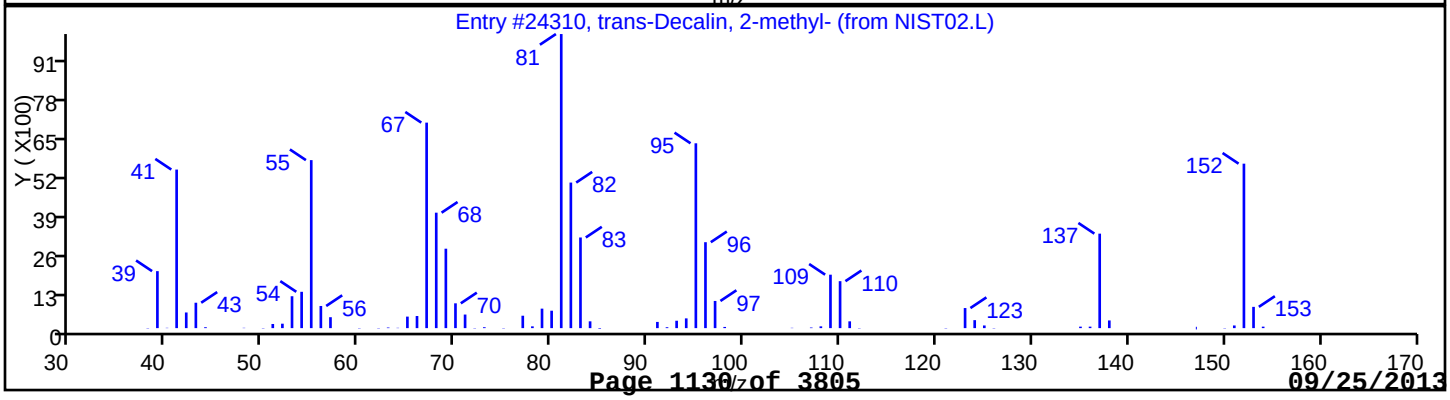
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24327	92
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	92
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	74







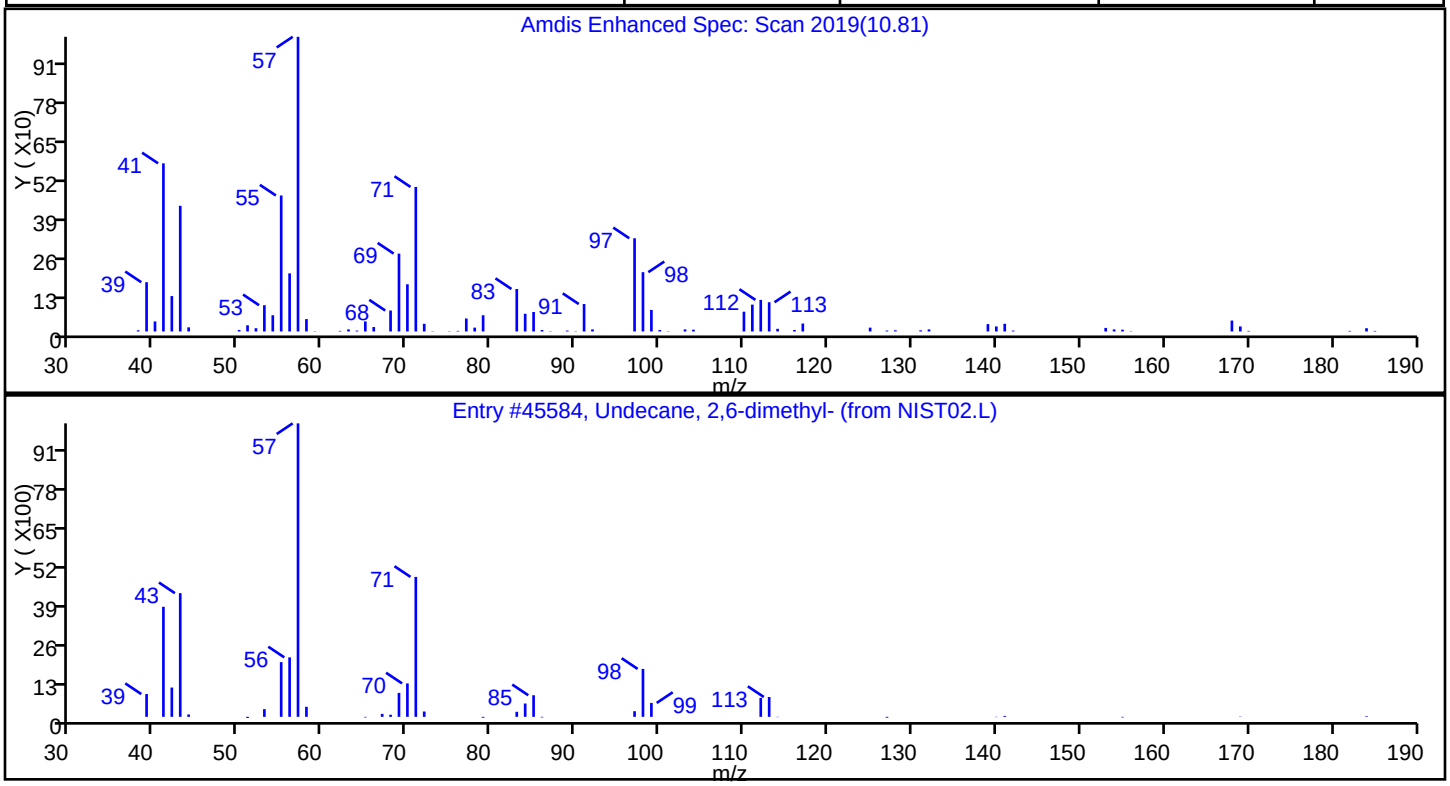


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	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
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.L	45584	81



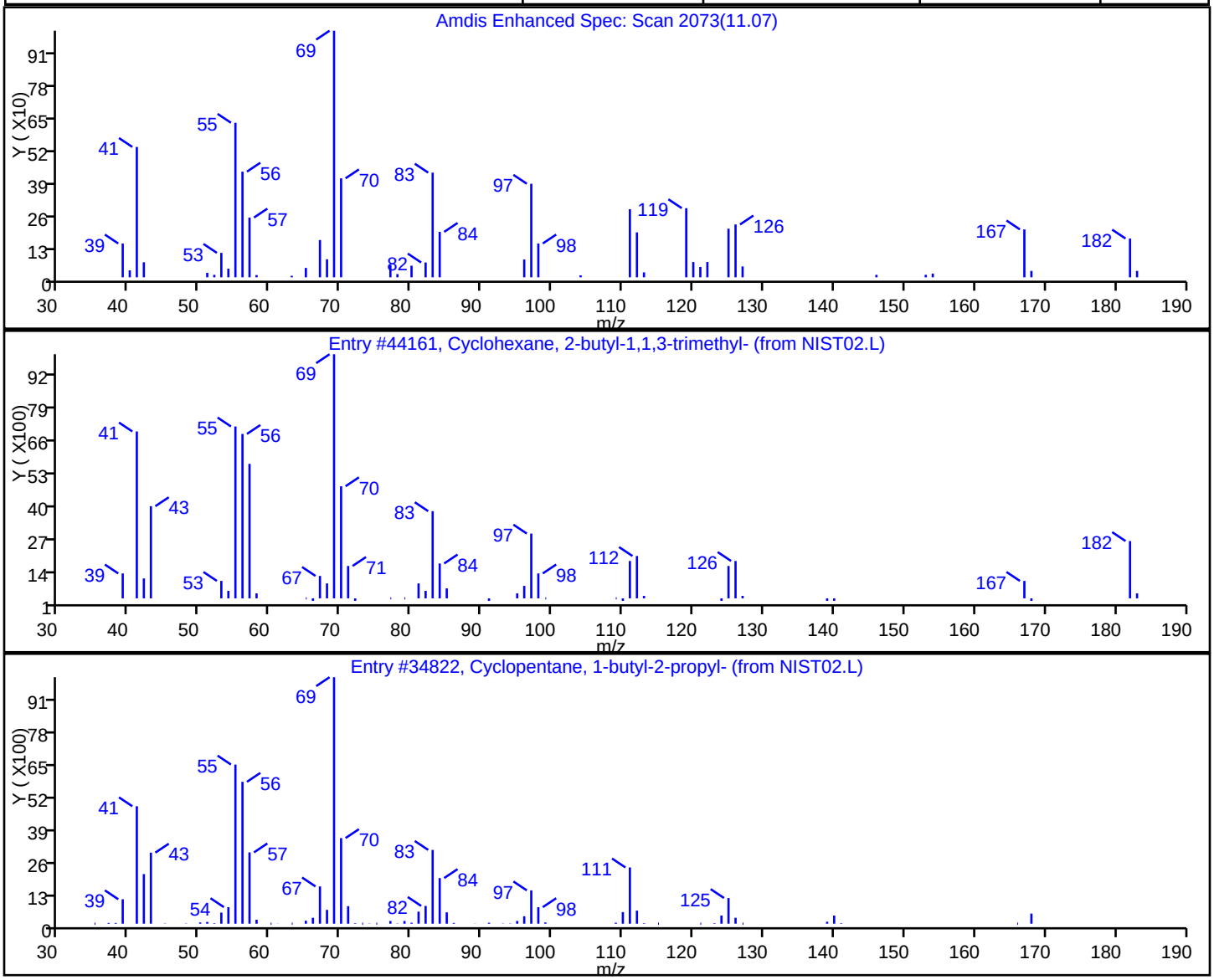
Report Date: 20-Sep-2013 10:18:19 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	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
Cyclohexane, 2-butyl-1,1,3-trimethyl-	54676-39-0	NIST02.L	44161	95
Cyclopentane, 1-butyl-2-propyl-	62199-50-2	NIST02.L	34822	76



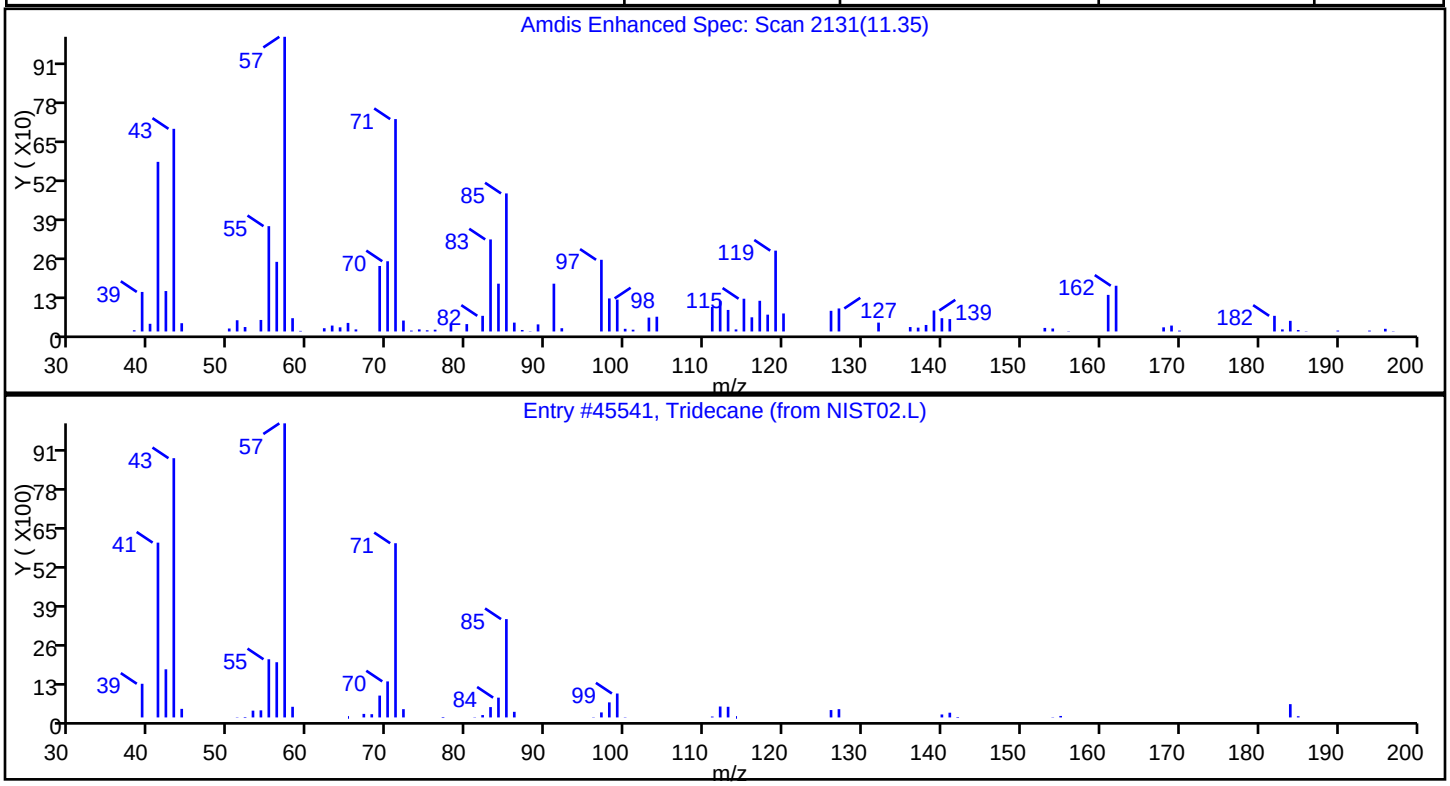
Report Date: 20-Sep-2013 10:18:19 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363110.D

Injection Date:	19-Sep-2013 00:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	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
Tridecane	629-50-5	NIST02.L	45541	90



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SI | Lab Sample ID: 460-62968-22

Matrix: Solid | Lab File ID: D363104.D

Analysis Method: 8260B | Date Collected: 09/12/2013 12:10

Sample wt/vol: 4.5(g) | Date Analyzed: 09/18/2013 21:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.4 | Level: (low/med) Low

Analysis Batch No.: 182028 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.21	U	1.3	0.21
74-83-9	Bromomethane	0.56	U	1.3	0.56
75-01-4	Vinyl chloride	0.44	U	1.3	0.44
75-00-3	Chloroethane	0.43	U	1.3	0.43
75-09-2	Methylene Chloride	0.79	J	1.3	0.19
67-64-1	Acetone	57	*	6.5	2.2
75-15-0	Carbon disulfide	20		1.3	0.19
75-69-4	Trichlorofluoromethane	0.21	U	1.3	0.21
75-35-4	1,1-Dichloroethene	0.25	U	1.3	0.25
75-34-3	1,1-Dichloroethane	0.14	U	1.3	0.14
156-60-5	trans-1,2-Dichloroethene	0.17	U	1.3	0.17
156-59-2	cis-1,2-Dichloroethene	0.14	U	1.3	0.14
67-66-3	Chloroform	0.31	U	1.3	0.31
78-93-3	2-Butanone	0.82	U *	6.5	0.82
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	6.5	0.17
1634-04-4	MTBE	0.14	U	1.3	0.14
76-13-1	Freon TF	0.14	U	1.3	0.14
79-20-9	Methyl acetate	0.42	U	1.3	0.42
123-91-1	1,4-Dioxane	16	U	26	16
79-01-6	Trichloroethene	1.2	J	1.3	0.16
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	0.26	U	6.5	0.26
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.3	0.18
95-50-1	1,2-Dichlorobenzene	0.13	U	1.3	0.13
541-73-1	1,3-Dichlorobenzene	0.21	U	1.3	0.21

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SI | Lab Sample ID: 460-62968-22

Matrix: Solid | Lab File ID: D363104.D

Analysis Method: 8260B | Date Collected: 09/12/2013 12:10

Sample wt/vol: 4.5(g) | Date Analyzed: 09/18/2013 21:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.4 | Level: (low/med) Low

Analysis Batch No.: 182028 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.95	J	1.3	0.14
120-82-1	1,2,4-Trichlorobenzene	42		1.3	0.25
87-61-6	1,2,3-Trichlorobenzene	21		1.3	0.21
78-87-5	1,2-Dichloropropane	0.19	U	1.3	0.19
108-87-2	Methylcyclohexane	1.0	J	1.3	0.13
127-18-4	Tetrachloroethene	0.62	J	1.3	0.16
1330-20-7	Xylenes, Total	2.3	J	3.9	0.87
96-12-8	1,2-Dibromo-3-Chloropropane	0.57	U	1.3	0.57
79-34-5	1,1,2,2-Tetrachloroethane	0.12	U	1.3	0.12
79-00-5	1,1,2-Trichloroethane	0.18	U	1.3	0.18
124-48-1	Dibromochloromethane	0.13	U	1.3	0.13
106-93-4	1,2-Dibromoethane	0.19	U	1.3	0.19
75-71-8	Dichlorodifluoromethane	0.29	U	1.3	0.29
74-97-5	Bromochloromethane	0.14	U	1.3	0.14
75-27-4	Bromodichloromethane	0.42	U	1.3	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
2037-26-5	Toluene-d8 (Surr)	103		70-130
460-00-4	Bromofluorobenzene	104		70-130
1868-53-7	Dibromofluoromethane (Surr)	117		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SI Lab Sample ID: 460-62968-22

Matrix: Solid Lab File ID: D363104.D

Analysis Method: 8260B Date Collected: 09/12/2013 12:10

Sample wt/vol: 4.5(g) Date Analyzed: 09/18/2013 21:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.4 Level: (low/med) Low

Analysis Batch No.: 182028 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 4770

CAS NO.	COMPOUND NAME	RT	RESULT	Q
2958-76-1	Naphthalene, decahydro-2-methyl-	10.26	320	J N
112-40-3	Dodecane	10.68	630	J N
17301-23-4	Undecane, 2,6-dimethyl-	10.80	660	J N
700-12-9	Benzene, pentamethyl-	11.06	660	J N
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	11.12	350	J N
62016-34-6	Octane, 2,3,7-trimethyl-	11.20	590	J N
629-50-5	Tridecane	11.34	420	J N
25419-33-4	Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	11.74	340	J N
3891-98-3	Dodecane, 2,6,10-trimethyl-	11.92	390	J N
	Unknown	12.61	410	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D
Lims ID: 460-62968-B-22-A
Client ID: PMP-28SE-SI
Inject. Date: 18-Sep-2013 21:39:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-62968-B-22-A
Misc. Info.: 460-0004780-019
Operator:
Instrument ID: CVOAMS4
Purge Vol: 5.000 mL
ALS Bottle#: 18
Lims Batch ID: 182028
Lims Sample ID: 19
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\8260S_4.m
Last Update: 20-Sep-2013 10:09:55
Calib Date: 05-Sep-2013 06:32:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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: 19-Sep-2013 11:36:59

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
21 Carbon disulfide	76	2.016	2.012	0.005	99	233875	15.0	
25 Methylene Chloride	84	2.392	2.377	0.015	50	2862	0.6098	
19 Acetone	43	2.440	2.421	0.019	78	41961	43.7	
* 151 TBA-d9 (IS)	65	2.647	2.652	-0.005	70	279152	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.726	3.721	0.005	95	222524	58.6	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.173	4.164	0.009	95	221620	54.9	
* 59 Fluorobenzene	96	4.438	4.429	0.009	99	647039	50.0	
63 Methylcyclohexane	83	4.583	4.578	0.005	71	8180	0.8022	M
61 Trichloroethene	95	4.592	4.593	0.0	58	5272	0.9426	M
* 150 1,4-Dioxane-d8	96	5.406	5.406	0.0	1	24307	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.104	6.100	0.004	99	844305	51.4	
80 Tetrachloroethene	166	6.624	6.605	0.019	64	3651	0.4740	M
* 87 Chlorobenzene-d5	117	7.795	7.795	0.0	85	618845	50.0	
92 o-Xylene	106	8.382	8.382	0.0	74	18969	1.76	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	91	291811	51.8	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	93	363799	50.0	
117 1,4-Dichlorobenzene	146	9.745	9.745	0.0	32	10893	0.7293	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	76	397818	32.6	
128 1,2,3-Trichlorobenzene	180	11.459	11.459	0.0	24	167854	15.9	
S 131 Xylenes, Total	100				0		1.76	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D		
Lims ID:	460-62968-B-22-A	Client ID:	PMP-28SE-SI
Inject. Date:	18-Sep-2013 21:39:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-B-22-A		
Misc. Info.:	460-0004780-019		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	18
Lims Batch ID:	182028	Lims Sample ID:	19
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\8260S_4.m		
Last Update:	20-Sep-2013 10:09:55	Calib Date:	05-Sep-2013 06:32:30
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:	19-Sep-2013 11:36:59

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	2958-76-1	Naphthalene, decahydro-2-methyl-				
10.260	9935953	246.1	116	74	24328	
	112-40-3	Dodecane				
10.684	19703792	488.0	116	96	36159	
	17301-23-4	Undecane, 2,6-dimethyl-				
10.804	20505686	507.8	116	92	45584	
	700-12-9	Benzene, pentamethyl-				
11.064	20431292	506.0	116	89	21796	
	6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-				
11.122	10998419	272.4	116	70	20748	
	62016-34-6	Octane, 2,3,7-trimethyl-				
11.199	18287881	452.9	116	78	27140	
	629-50-5	Tridecane				
11.343	12939432	320.4	116	91	45543	
	25419-33-4	Naphthalene, 1,2,3,4-tetrahydro-1,8-dime				
11.743	10656564	263.9	116	91	29463	
	3891-98-3	Dodecane, 2,6,10-trimethyl-				
11.916	12143209	300.7	116	83	64590	
		Unknown				
12.605	12810652	317.3	116	0	0	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	9.735	2018952	50.0

QC Flag Legend

Processing Flags

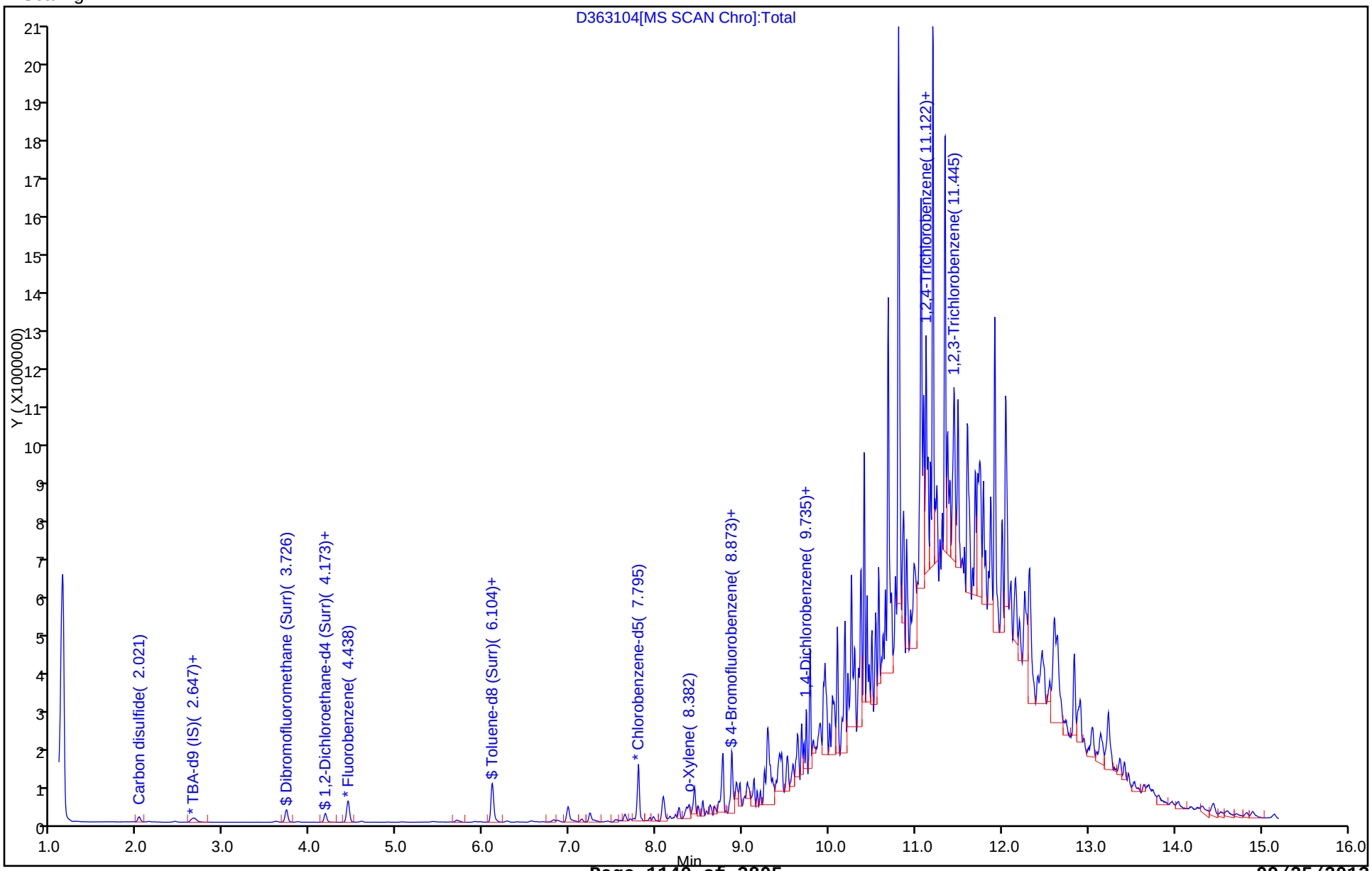
Report Date: 20-Sep-2013 10:09:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D

Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



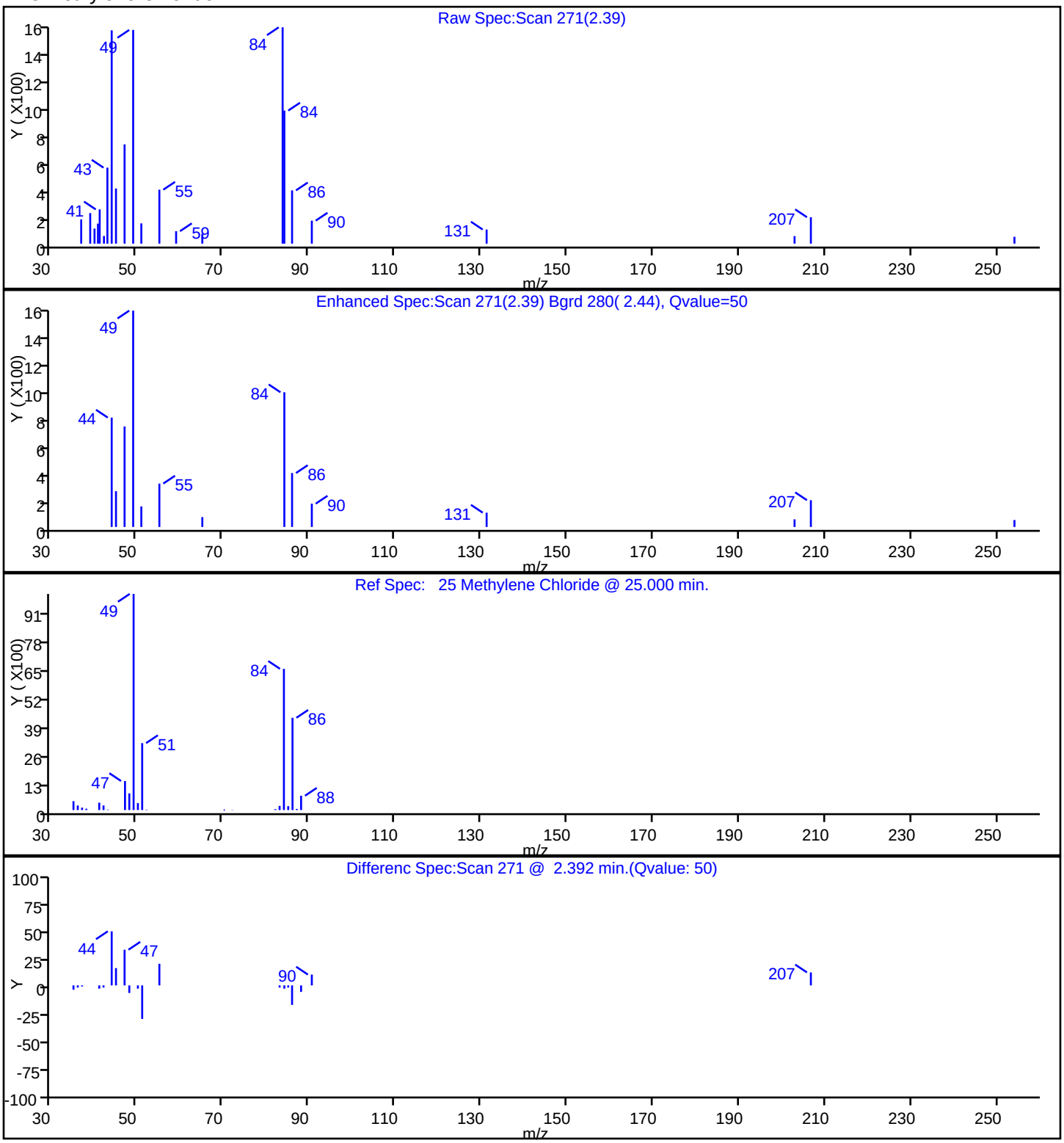
Report Date: 20-Sep-2013 10:09:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D

Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

25 Methylene Chloride

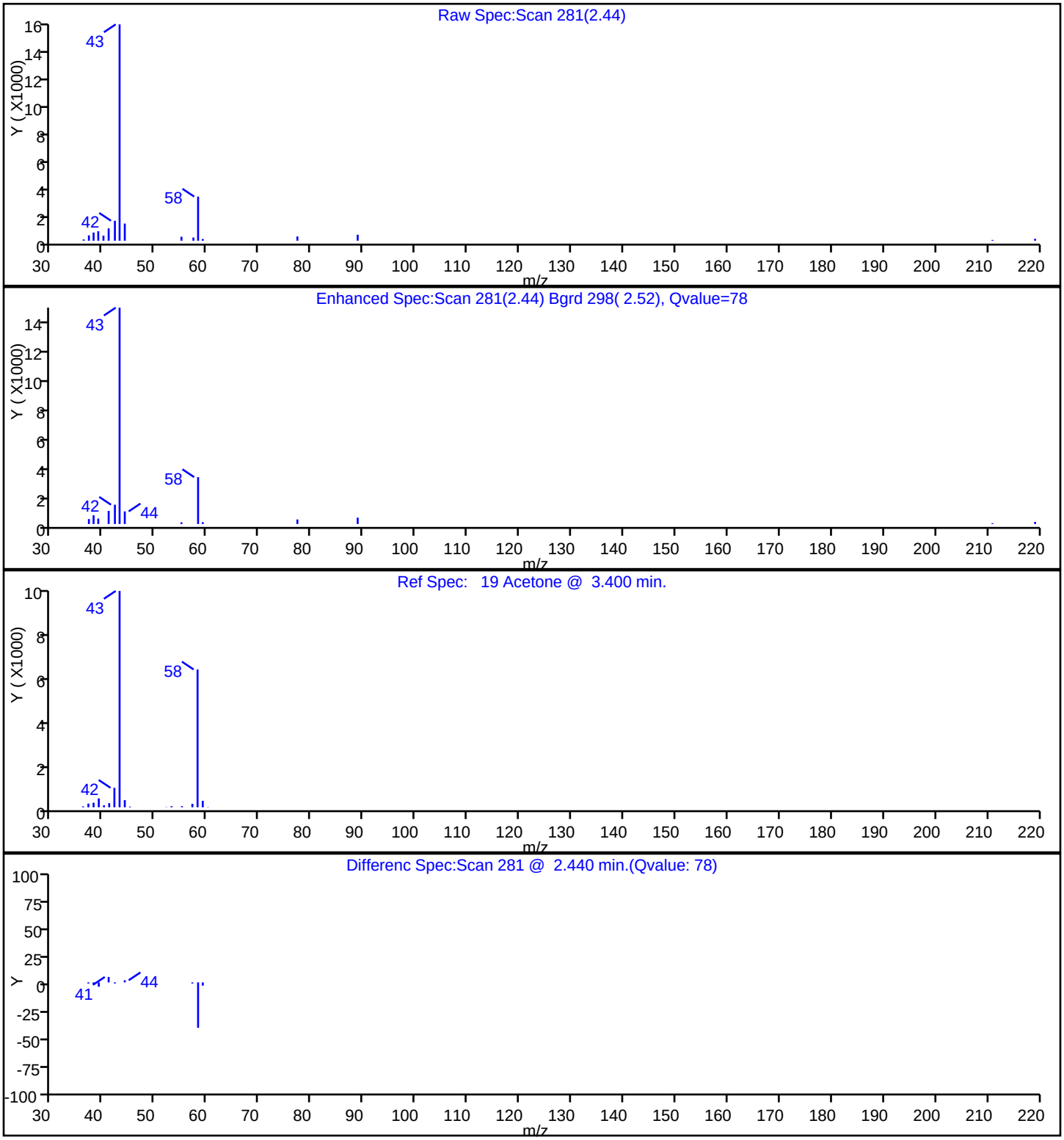


Report Date: 20-Sep-2013 10:09:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D		
Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone



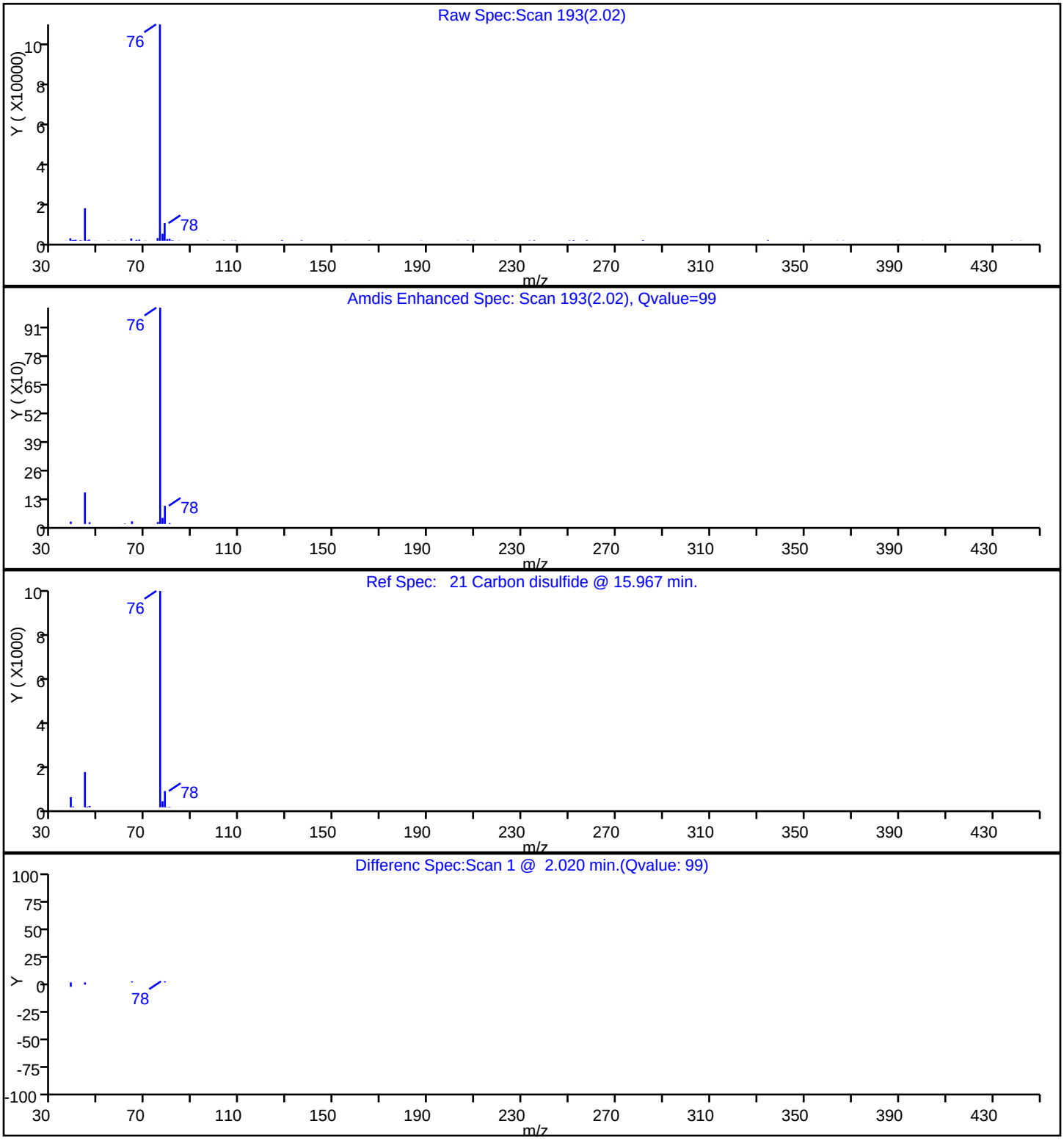
Report Date: 20-Sep-2013 10:09:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D

Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

21 Carbon disulfide



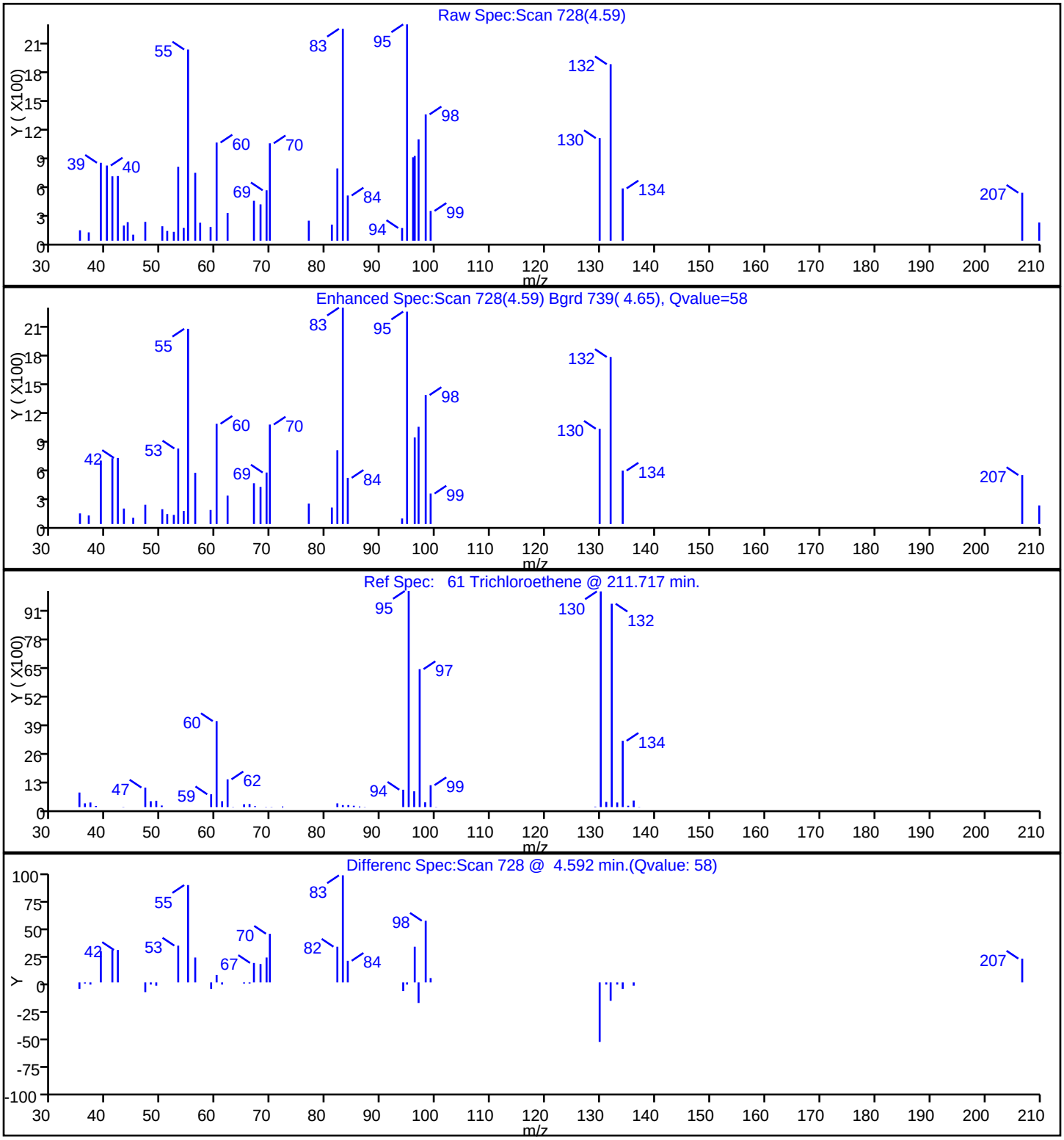
Report Date: 20-Sep-2013 10:09:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D

Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

61 Trichloroethene



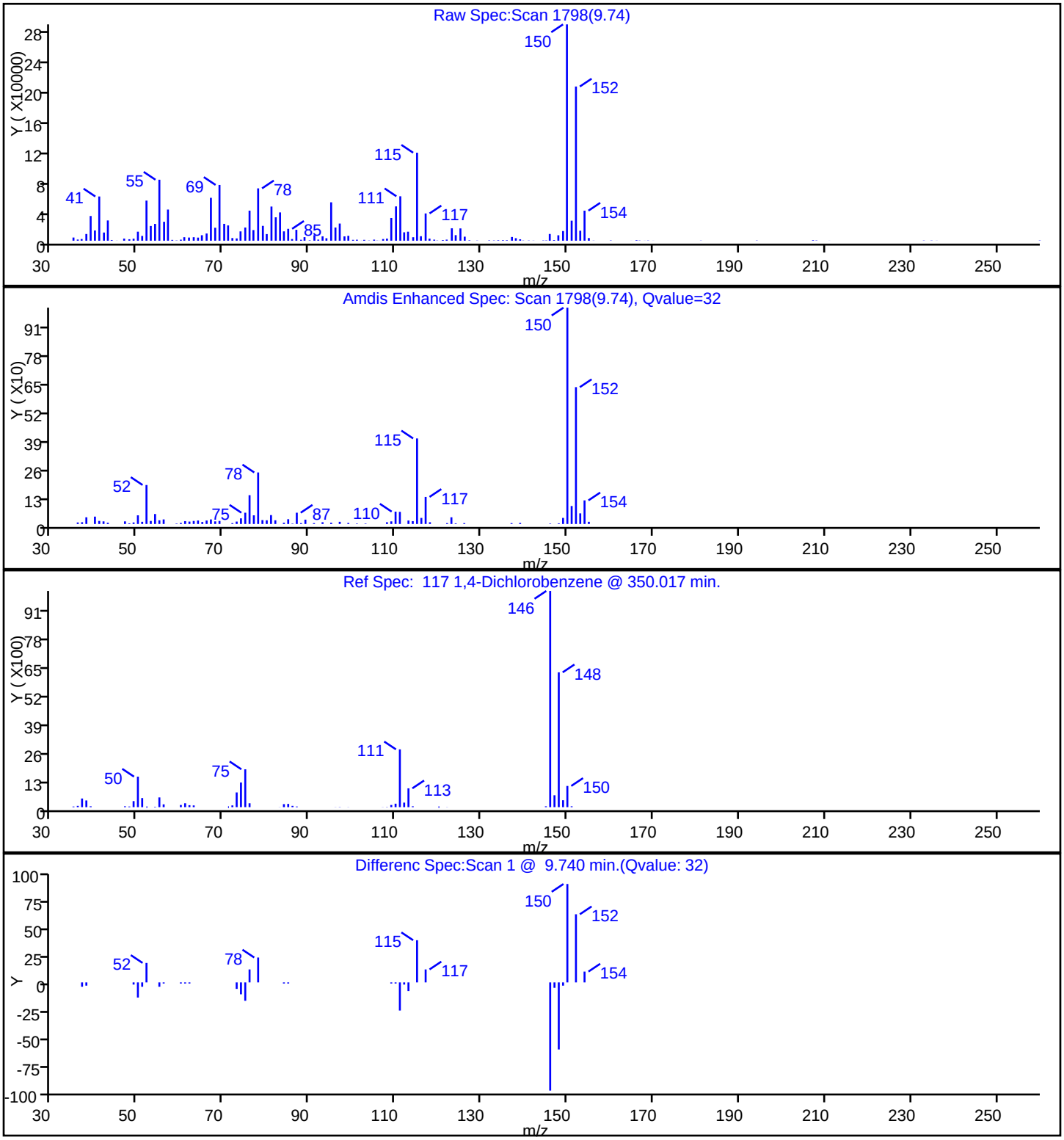
Report Date: 20-Sep-2013 10:09:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D

Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



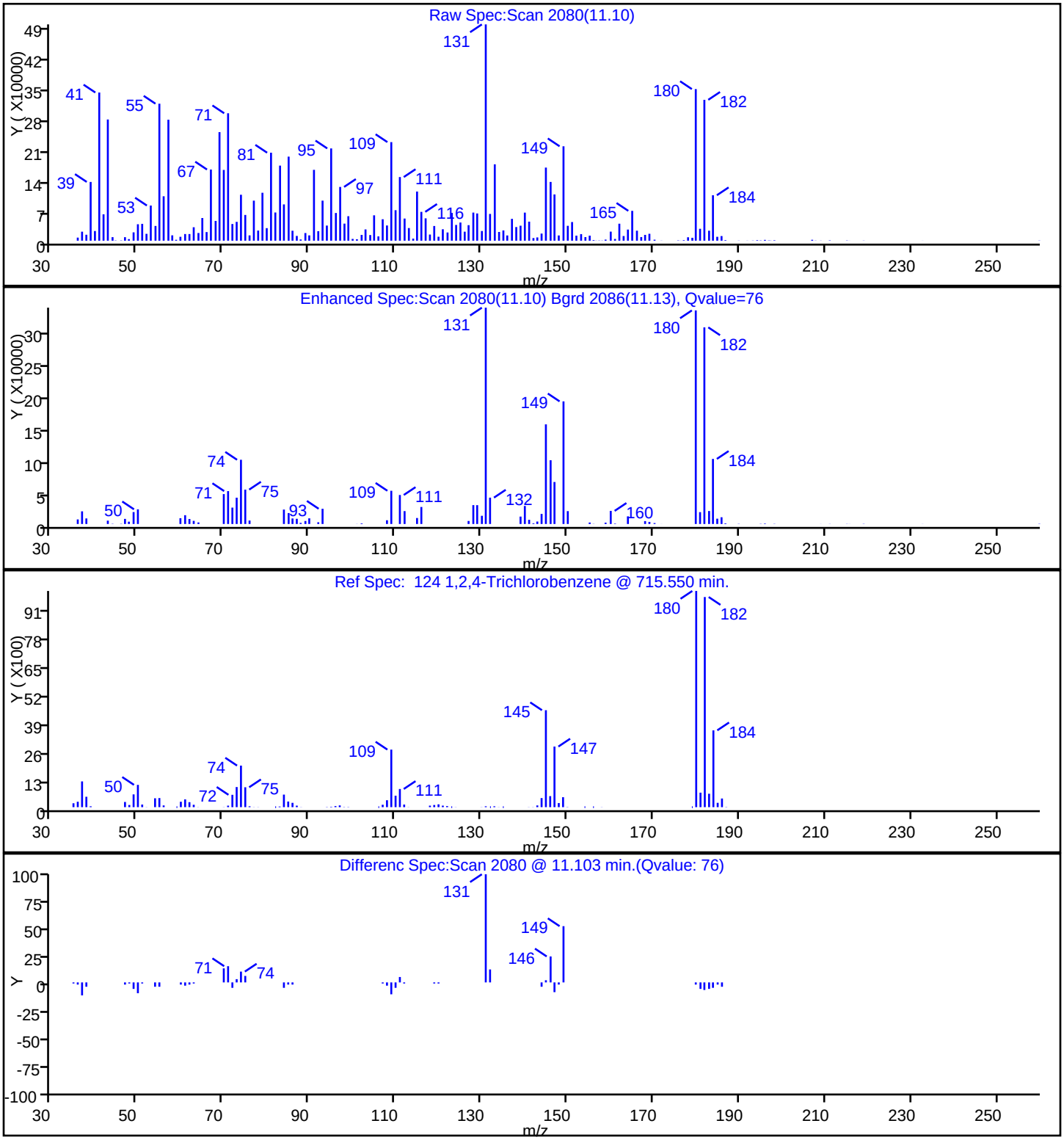
Report Date: 20-Sep-2013 10:09:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D

Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



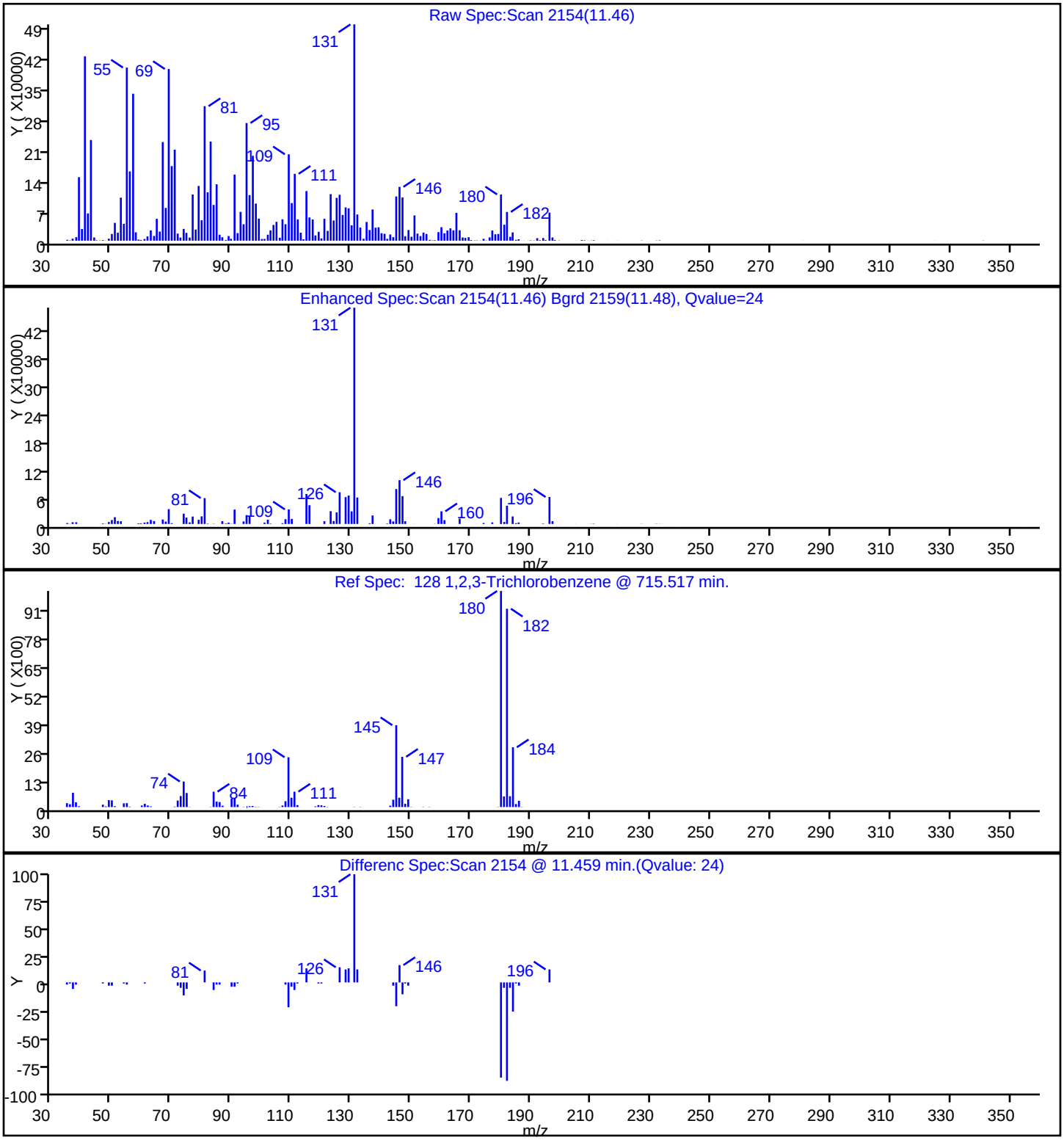
Report Date: 20-Sep-2013 10:09:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D

Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

128 1,2,3-Trichlorobenzene



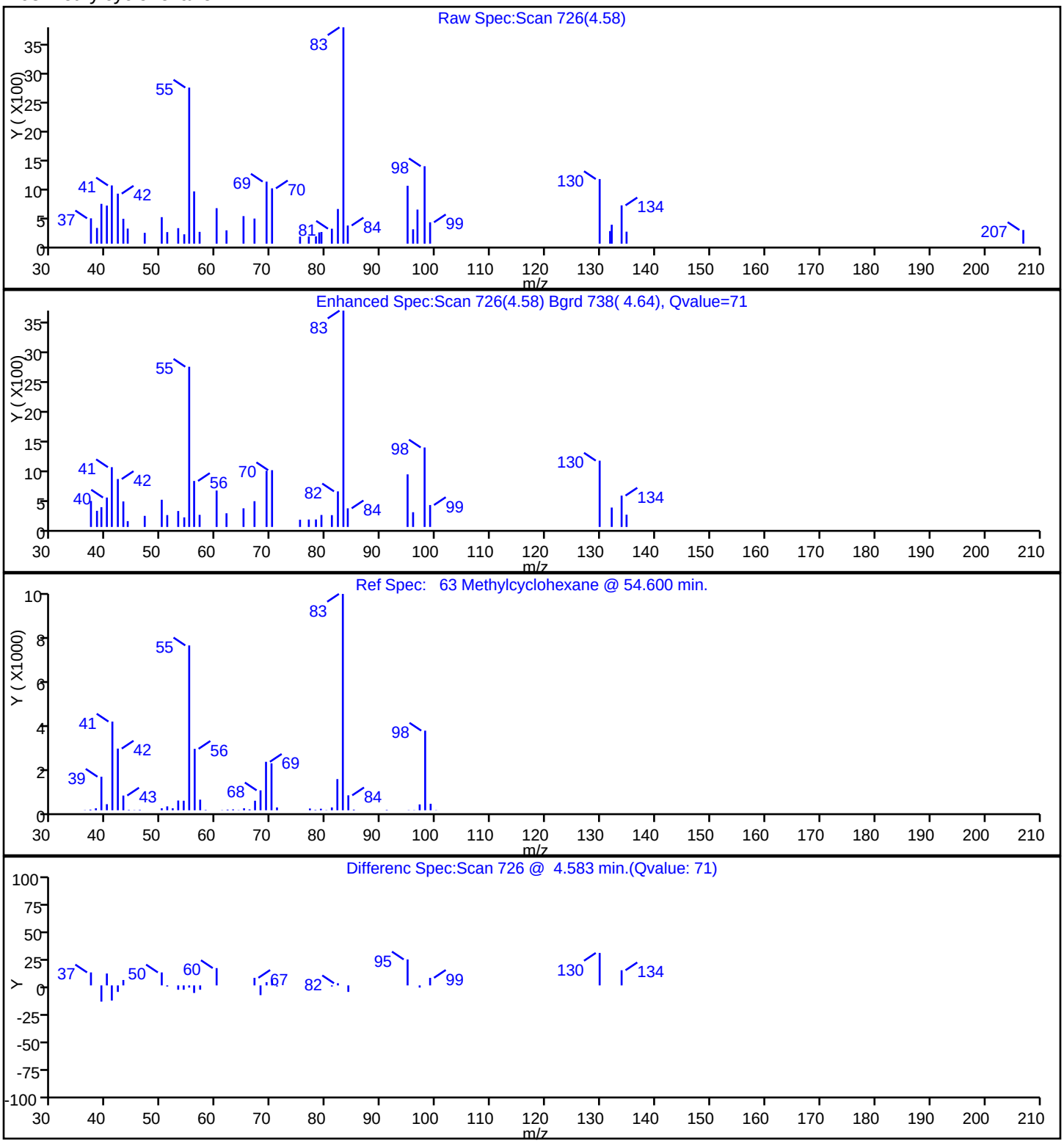
Report Date: 20-Sep-2013 10:09:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D

Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

63 Methylcyclohexane



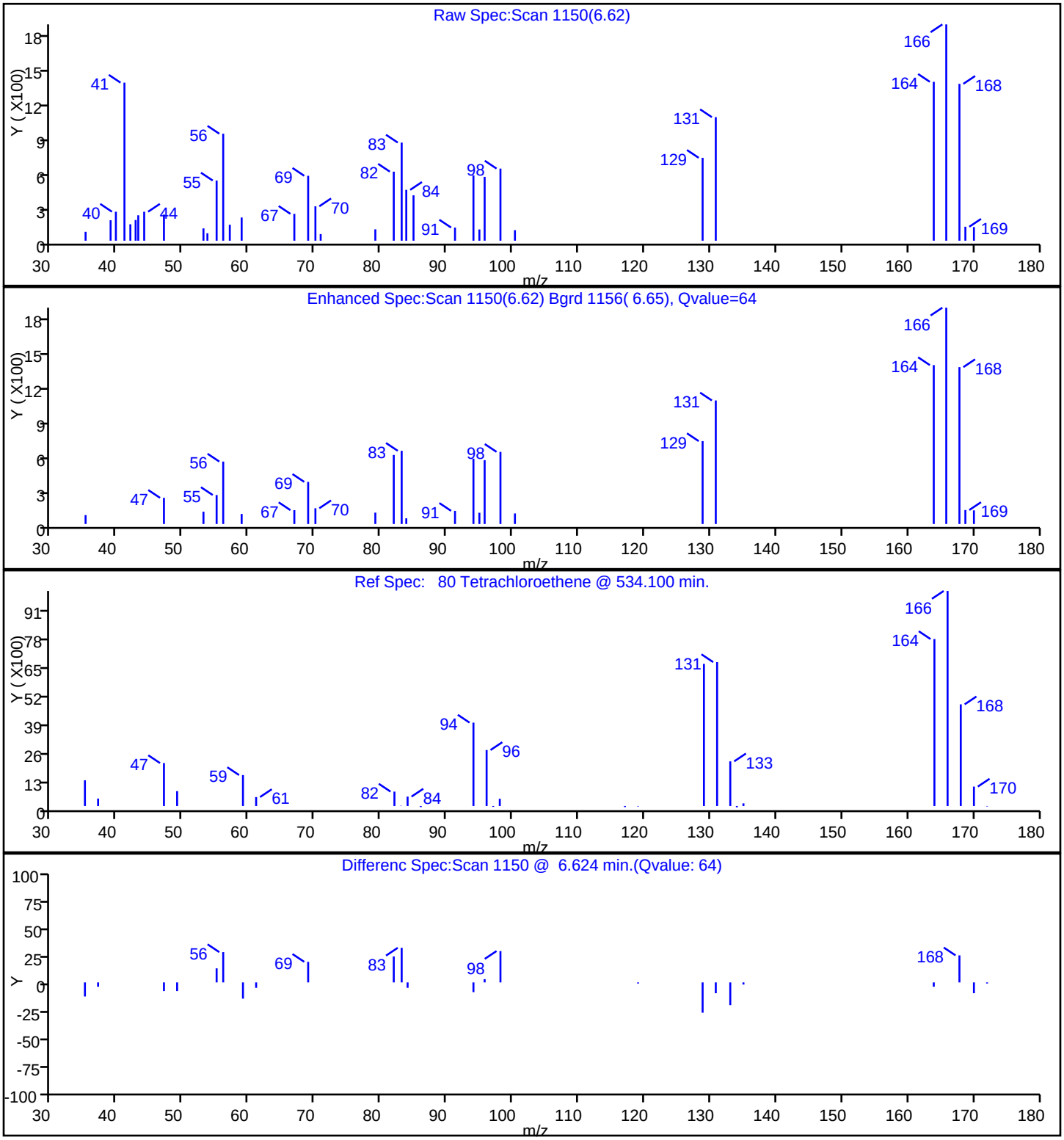
Report Date: 20-Sep-2013 10:09:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D

Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene



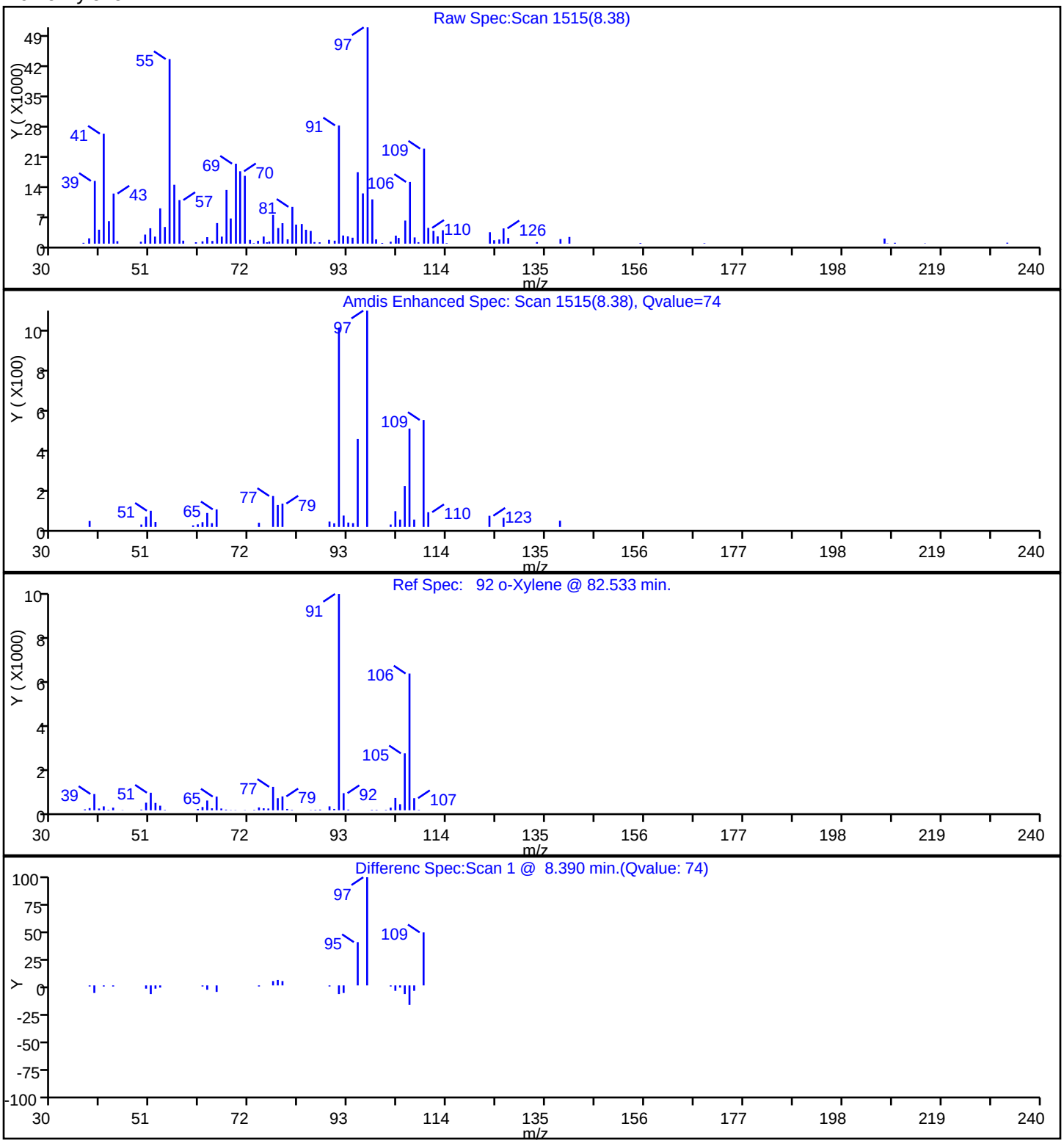
Report Date: 20-Sep-2013 10:09:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D

Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
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

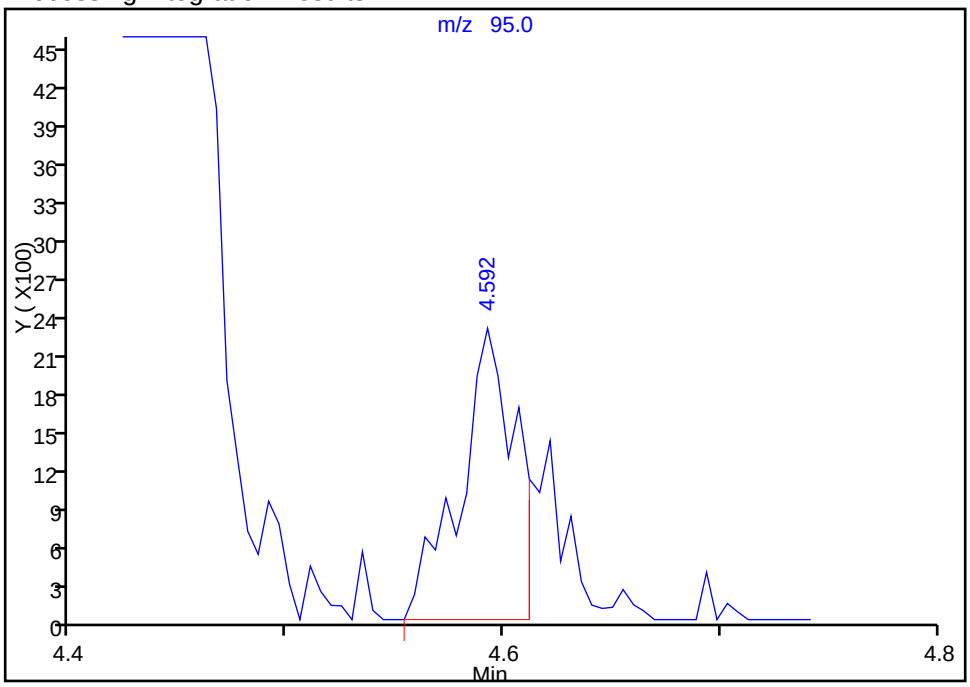
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D		
Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

61 Trichloroethene, Signal: 1, m/z: 95.0 Type: quant, RT: 4.59

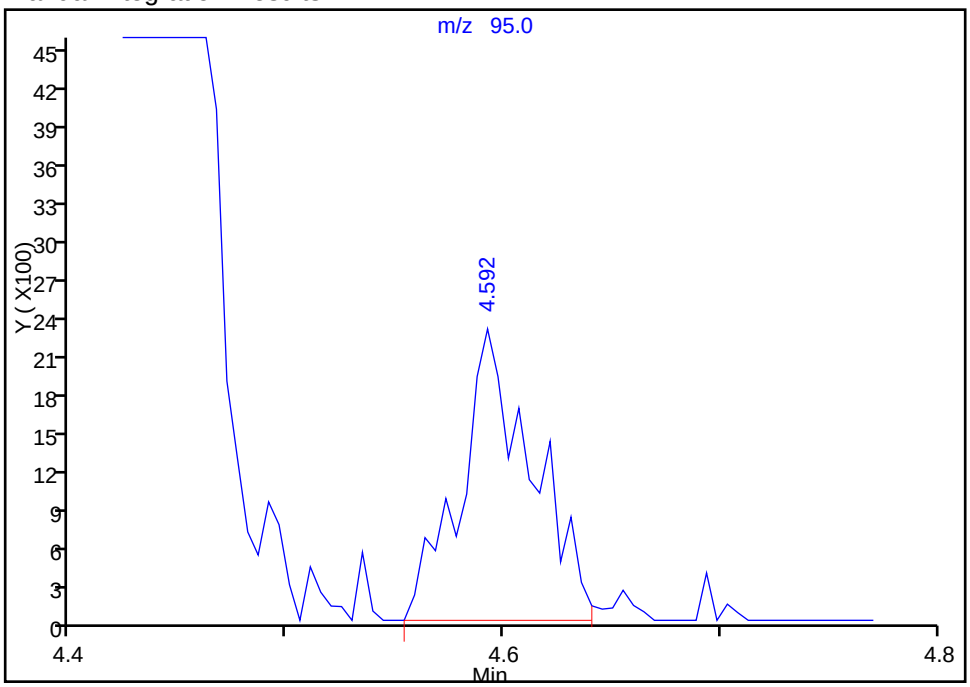
Processing Integration Results

RT: 4.59
Response: 4092
Amount: 0.731591



Manual Integration Results

RT: 4.59
Response: 5272
Amount: 0.942558



Reviewer: delpolitov, 20-Sep-2013 10:09:55
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

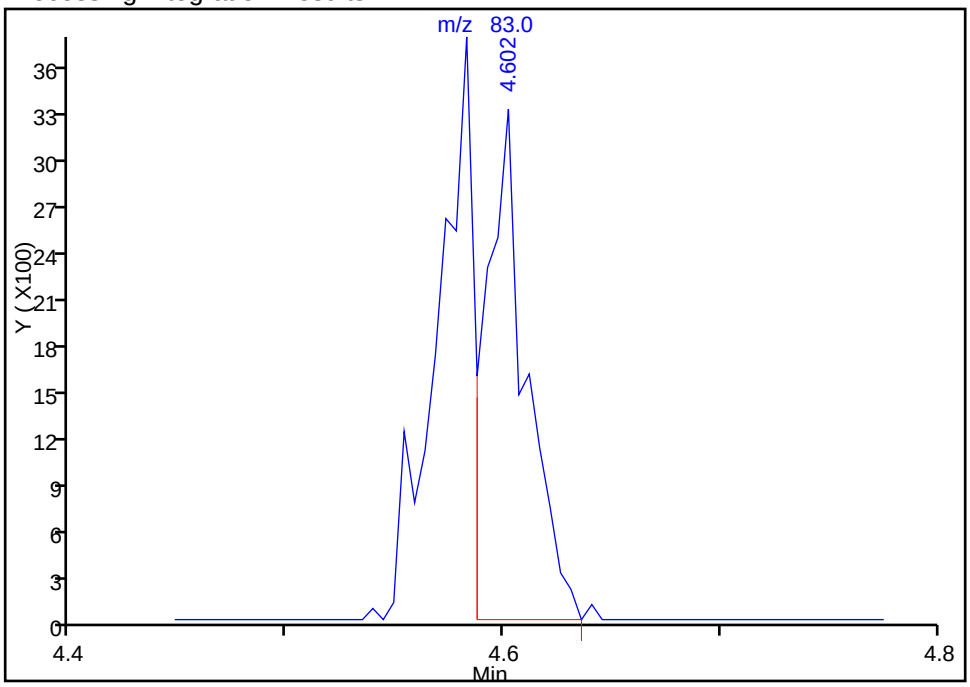
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D		
Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

63 Methylcyclohexane, Signal: 1, m/z: 83.0 Type: quant, RT: 4.58

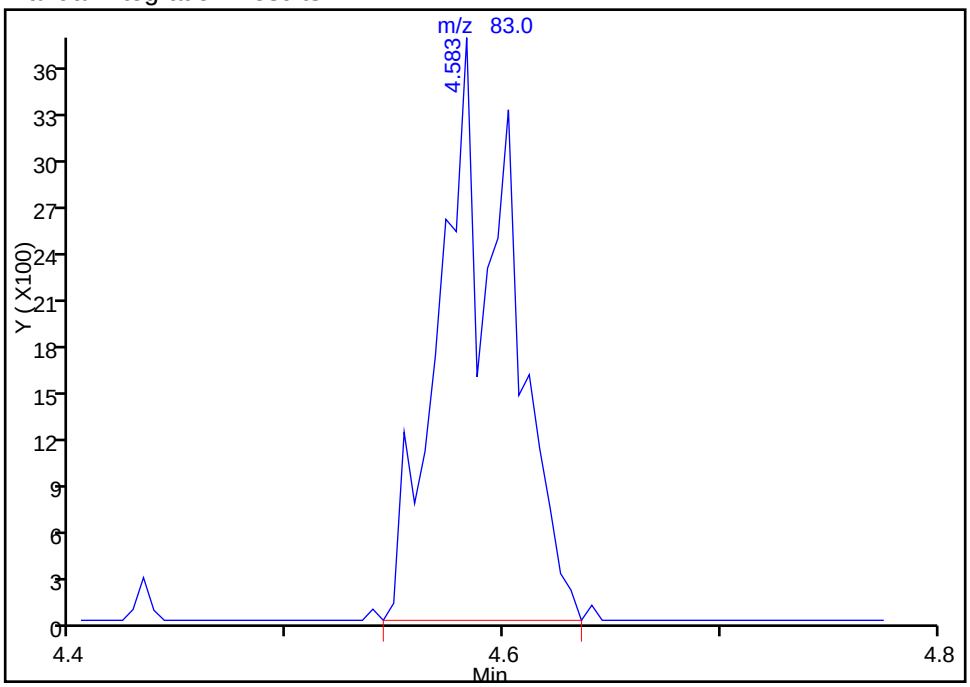
Processing Integration Results

RT: 4.60
Response: 4267
Amount: 0.418452



Manual Integration Results

RT: 4.58
Response: 8180
Amount: 0.802189



Reviewer: delpolitov, 20-Sep-2013 10:09:55
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Manual Integration/User Assign Peak Report

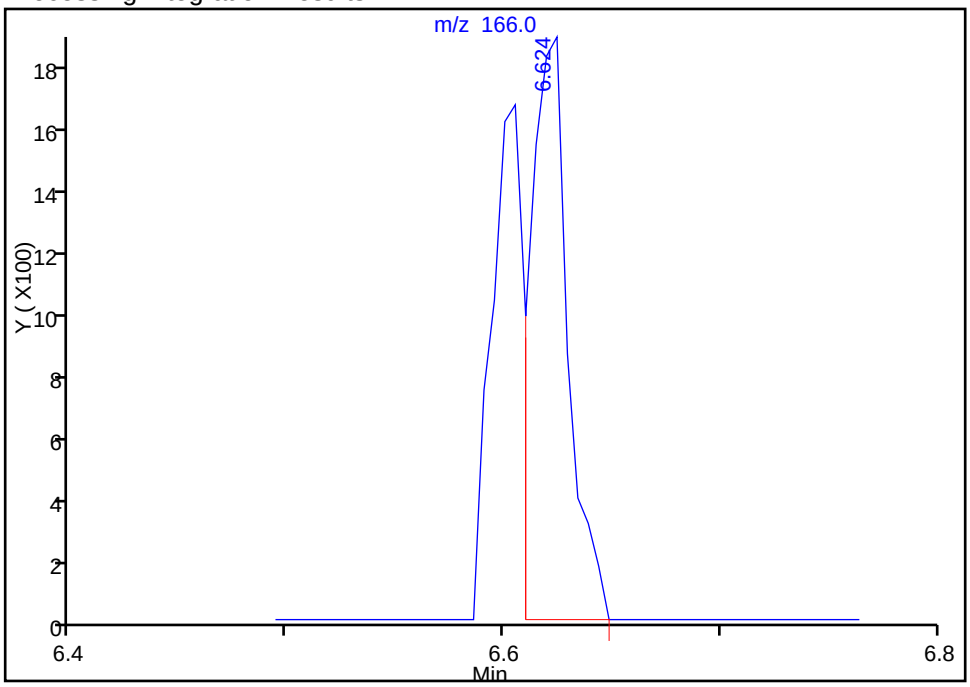
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D		
Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene, Signal: 1, m/z: 166.0 Type: quant, RT: 6.61

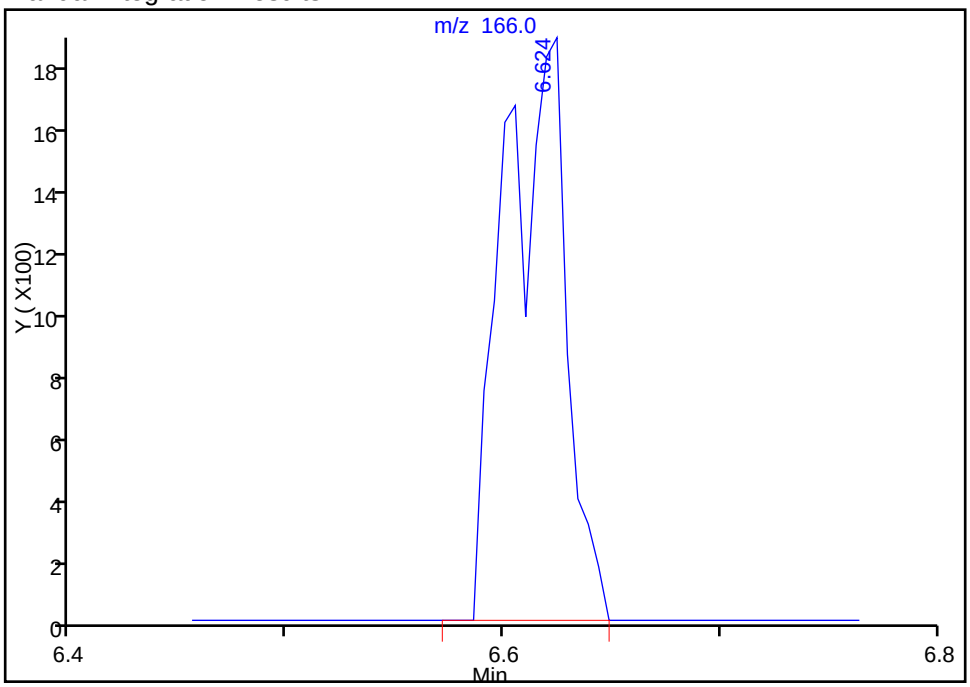
Processing Integration Results

RT: 6.62
Response: 2234
Amount: 0.290021



Manual Integration Results

RT: 6.62
Response: 3651
Amount: 0.473978



Reviewer: delpolitov, 20-Sep-2013 10:09:55
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

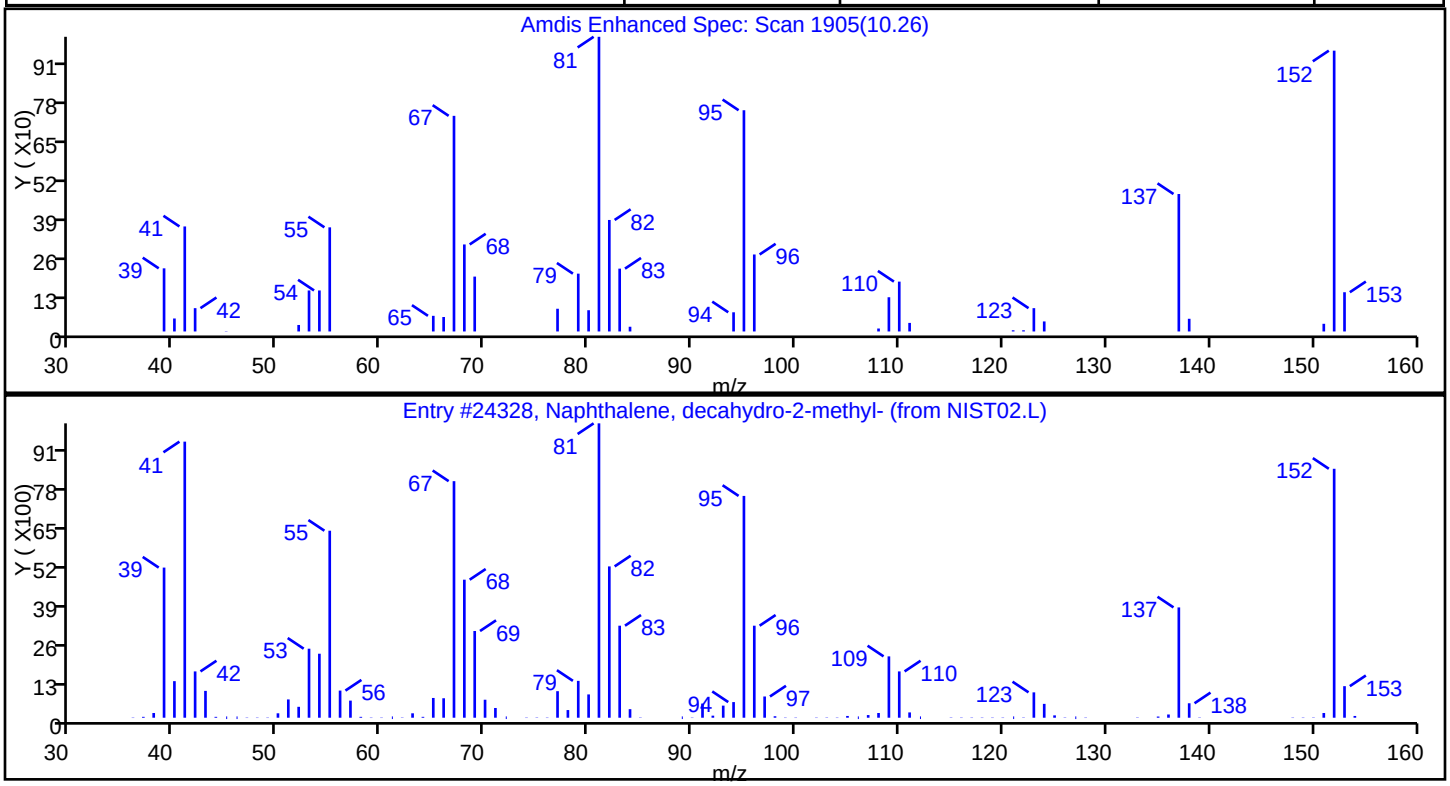
Report Date: 20-Sep-2013 10:09:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D

Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
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	74



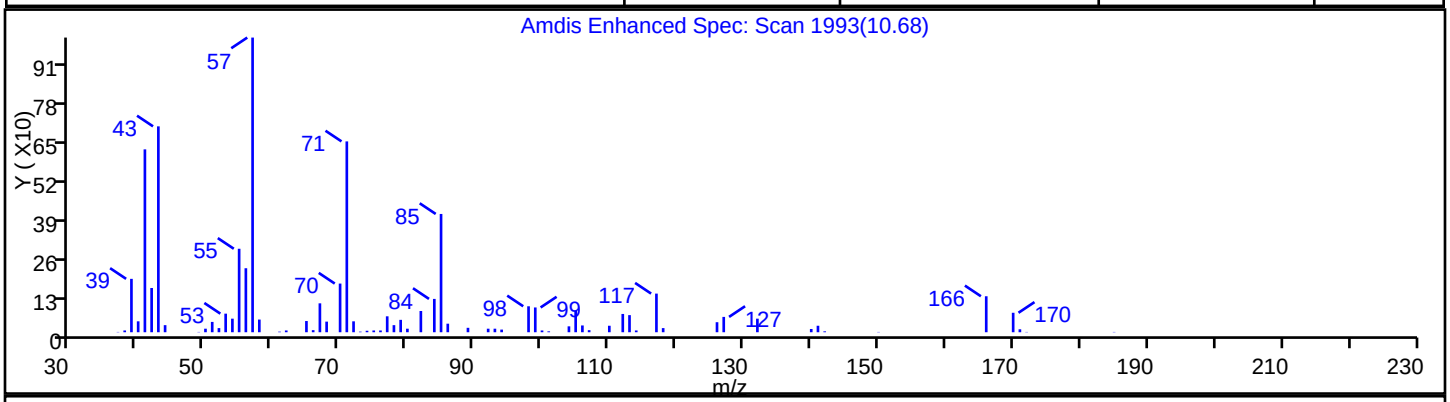
Report Date: 20-Sep-2013 10:09:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

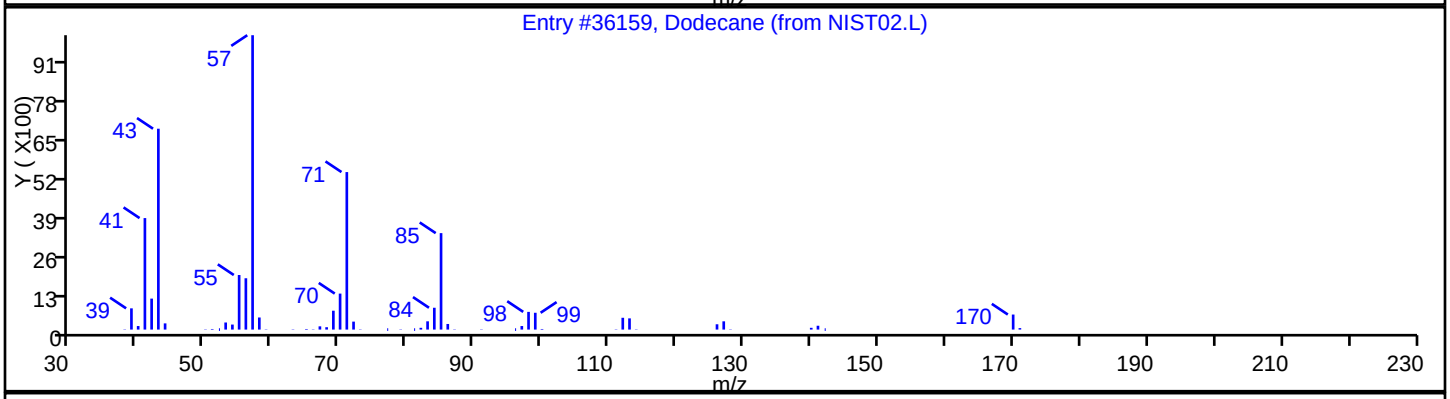
TestAmerica Edison

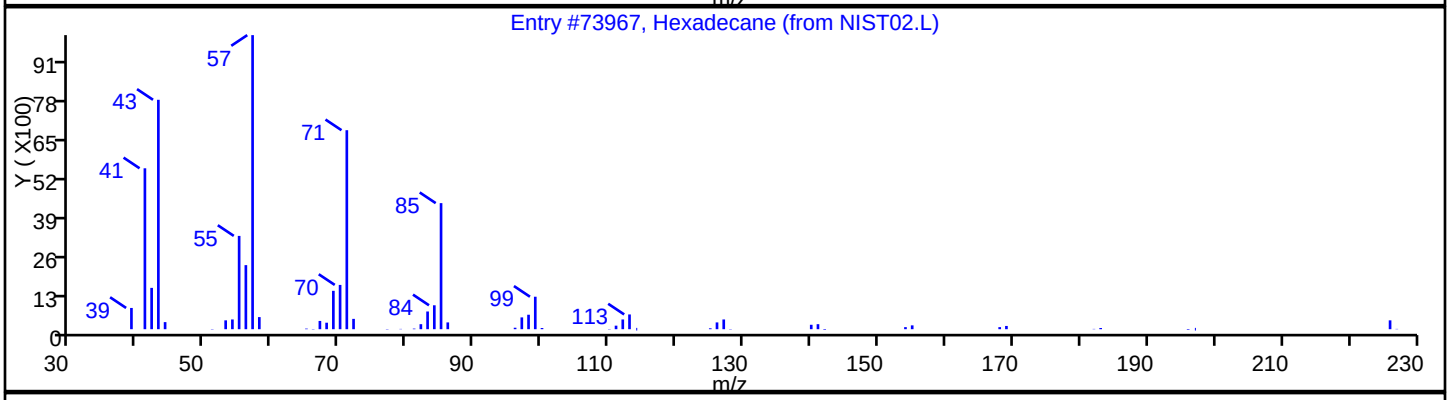
Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D

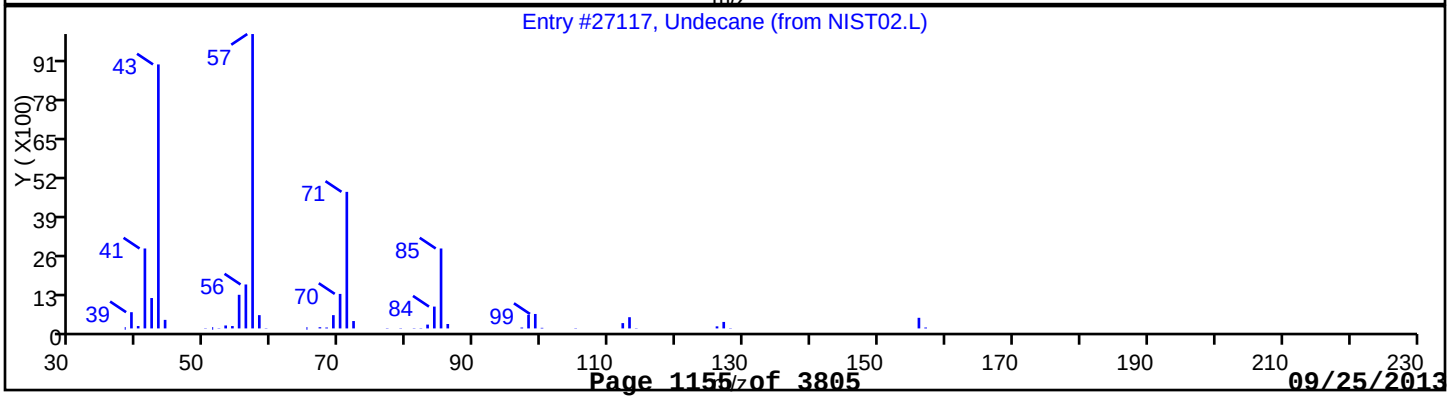
Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Dodecane	112-40-3	NIST02.L	36159	96
Hexadecane	544-76-3	NIST02.L	73967	72
Undecane	1120-21-4	NIST02.L	27117	72









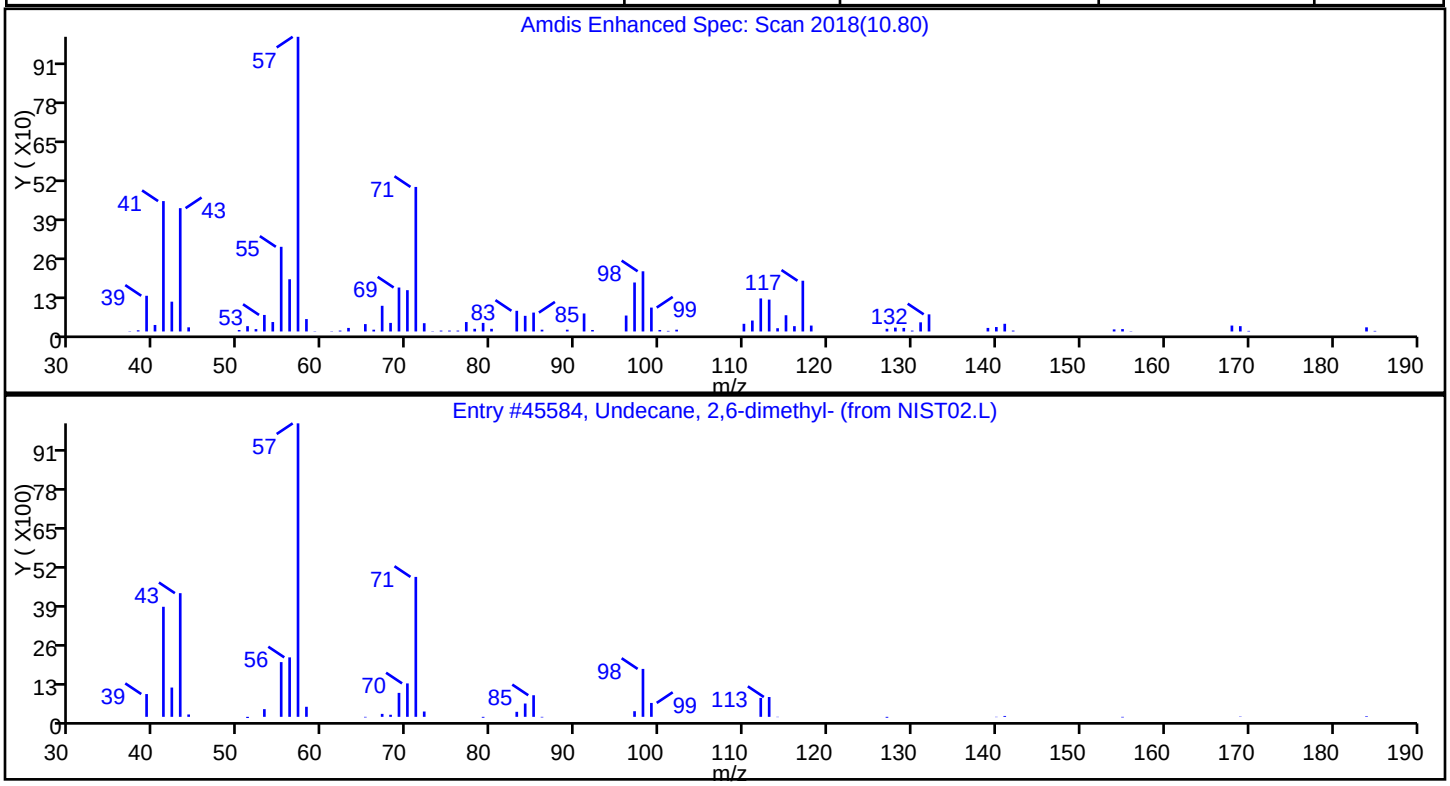
Report Date: 20-Sep-2013 10:09:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D

Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
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, 2,6-dimethyl-	17301-23-4	NIST02.L	45584	92



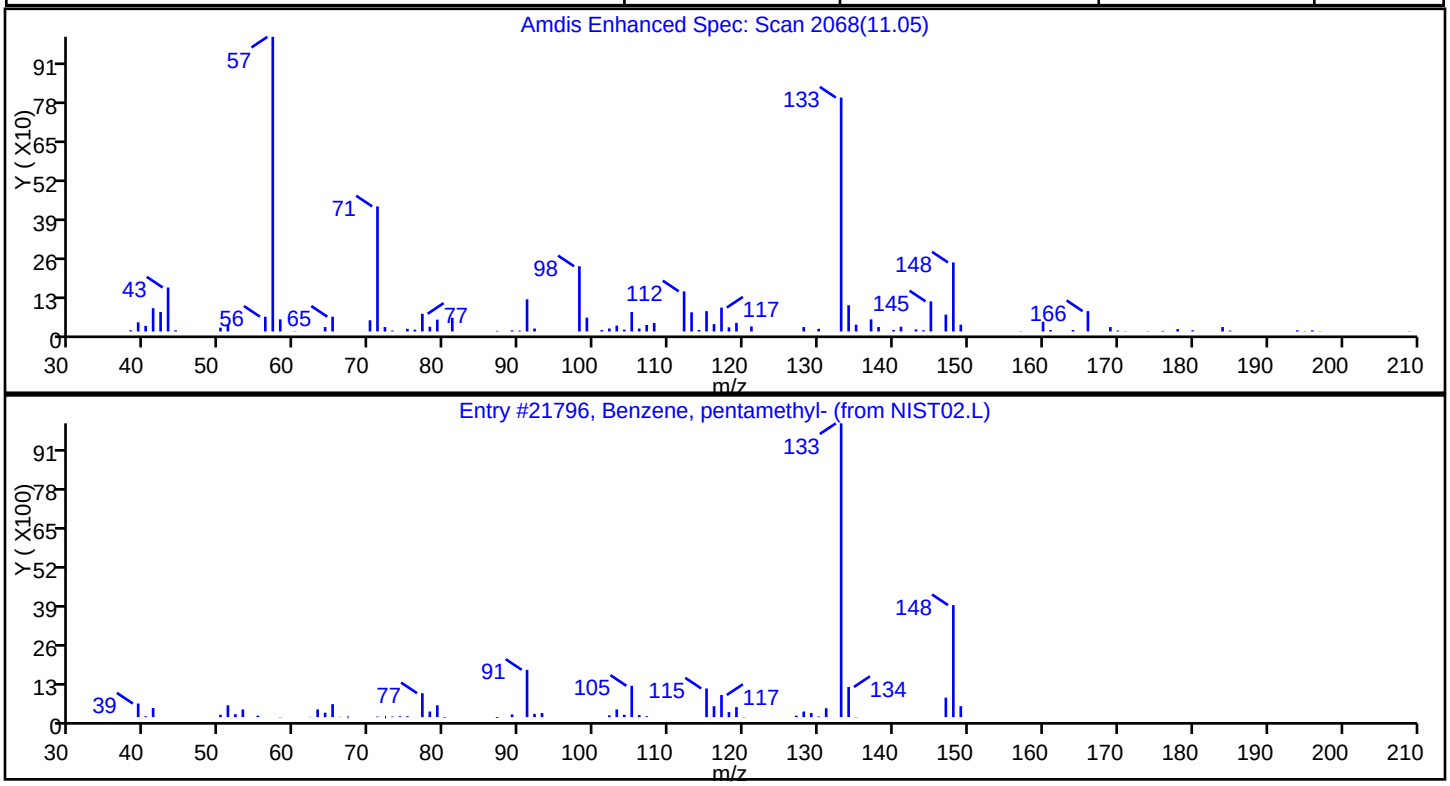
Report Date: 20-Sep-2013 10:09:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D

Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
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, pentamethyl-	700-12-9	NIST02.L	21796	89



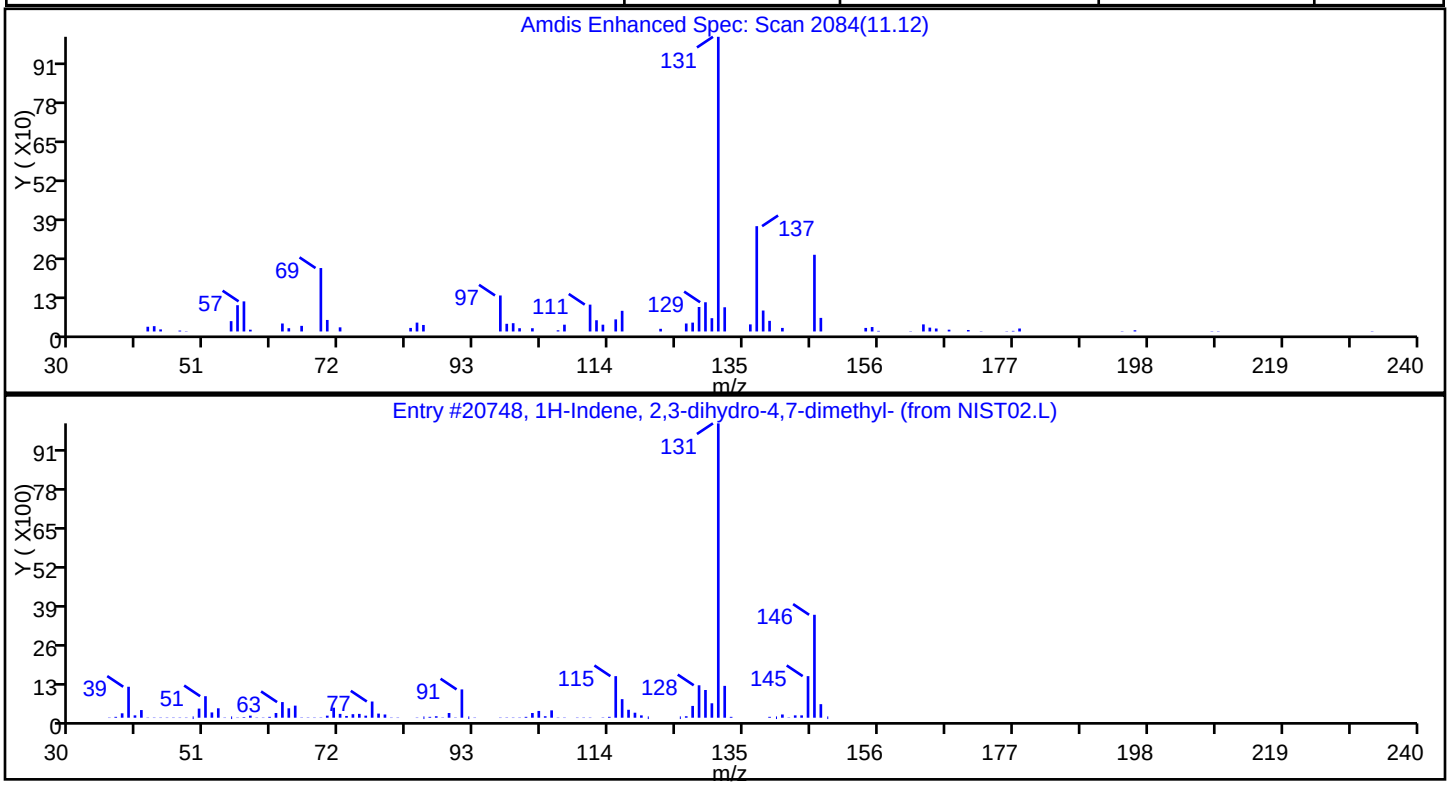
Report Date: 20-Sep-2013 10:09:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D

Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
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-4,7-dimethyl-	6682-71-9	NIST02.L	20748	70

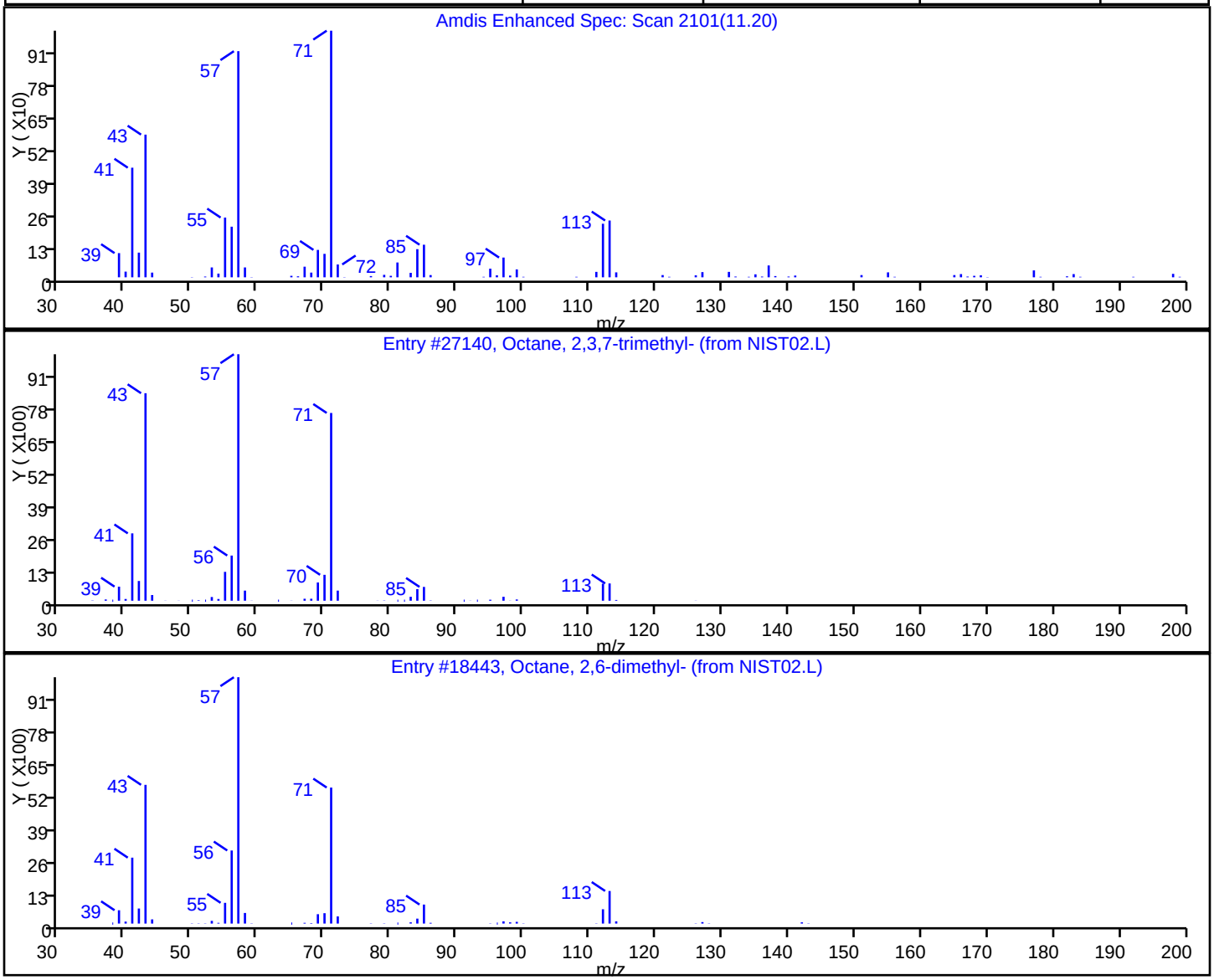


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D

Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

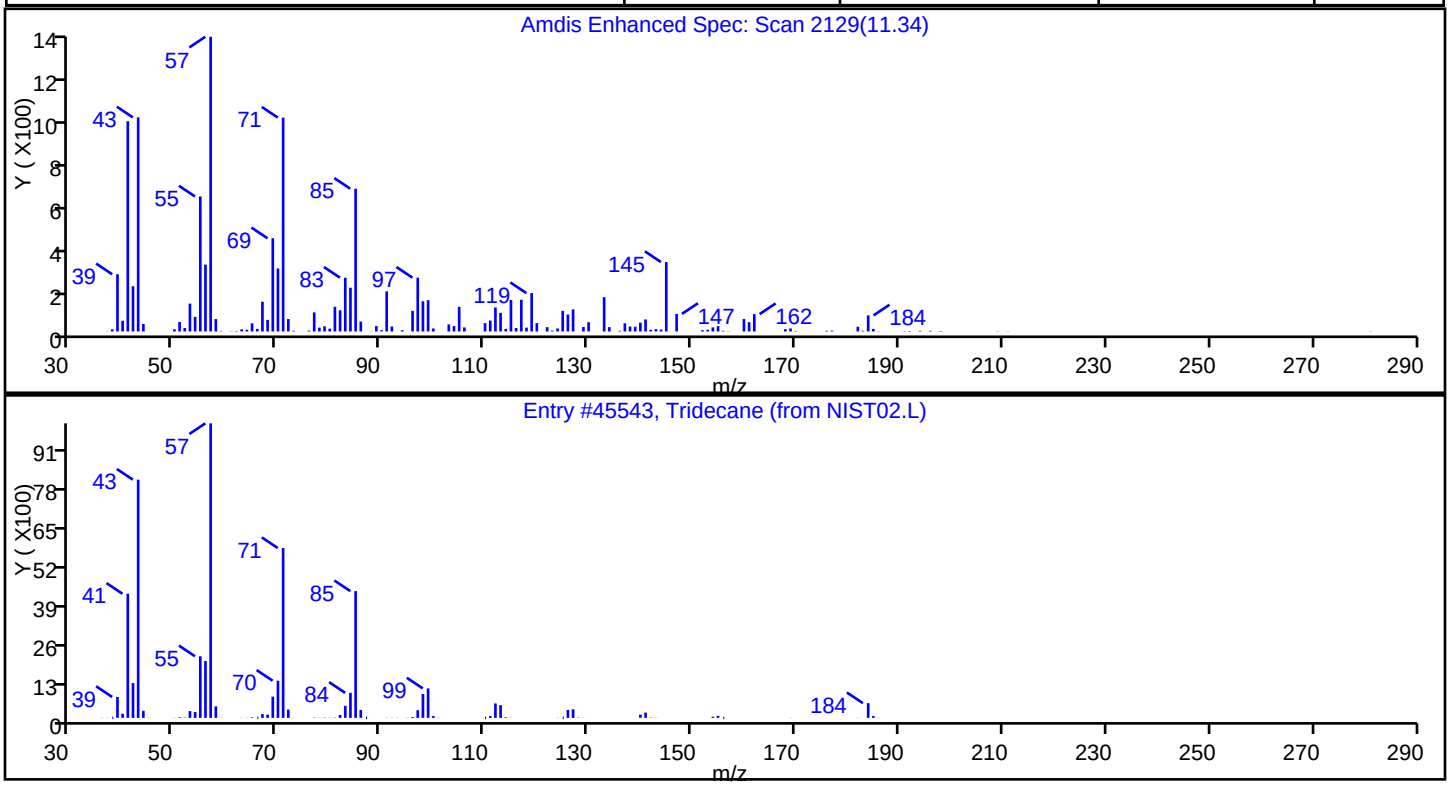
Library Search Compound Match	CAS Number	Library	Entry	Quality
Octane, 2,3,7-trimethyl-	62016-34-6	NIST02.L	27140	78
Octane, 2,6-dimethyl-	2051-30-1	NIST02.L	18443	72



Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D

Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
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	91



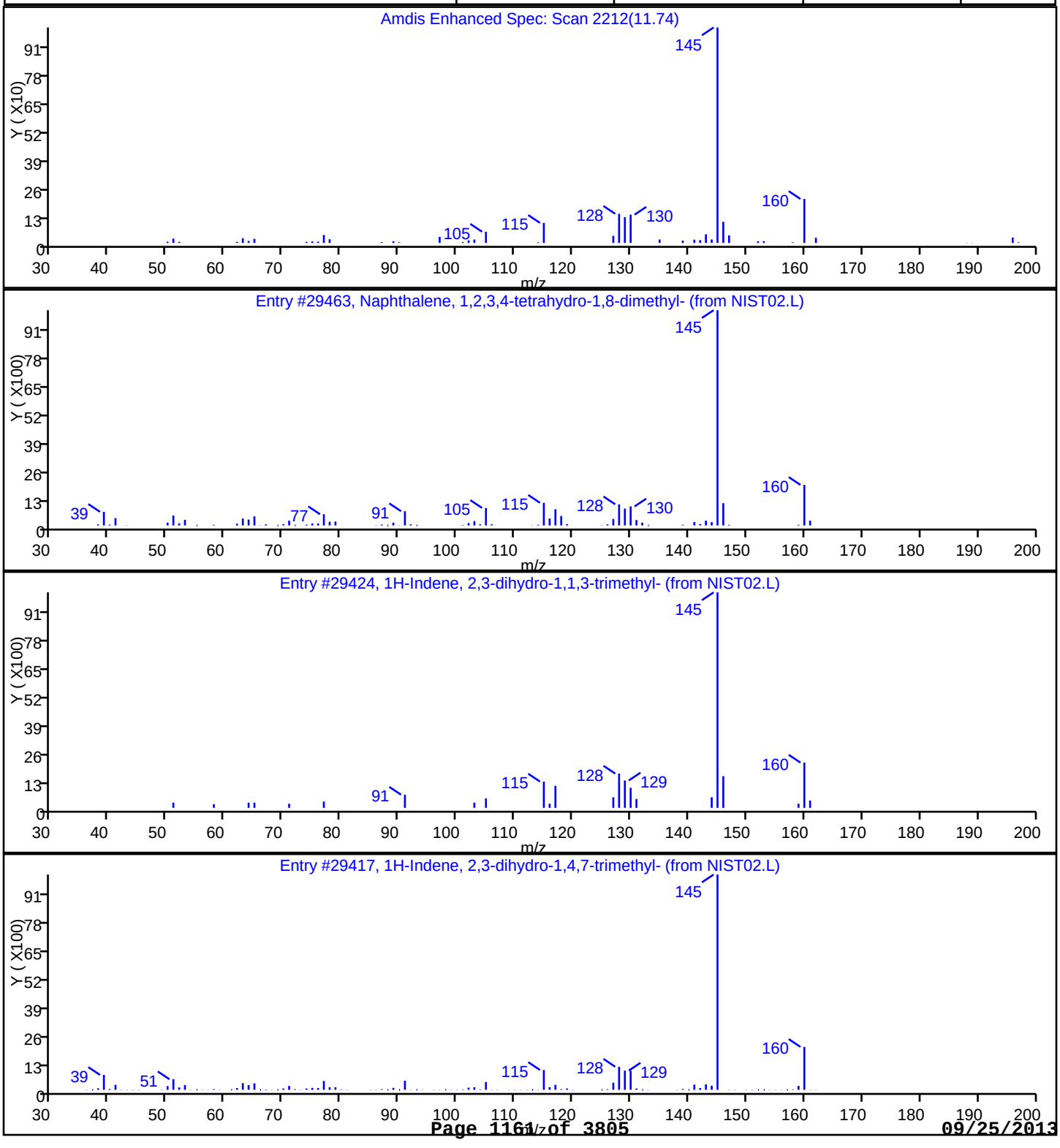
Report Date: 20-Sep-2013 10:09:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D

Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
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-1,8-dime	25419-33-4	NIST02.L	29463	91
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	2613-76-5	NIST02.L	29424	90
1H-Indene, 2,3-dihydro-1,4,7-trimethyl-	54340-87-3	NIST02.L	29417	90



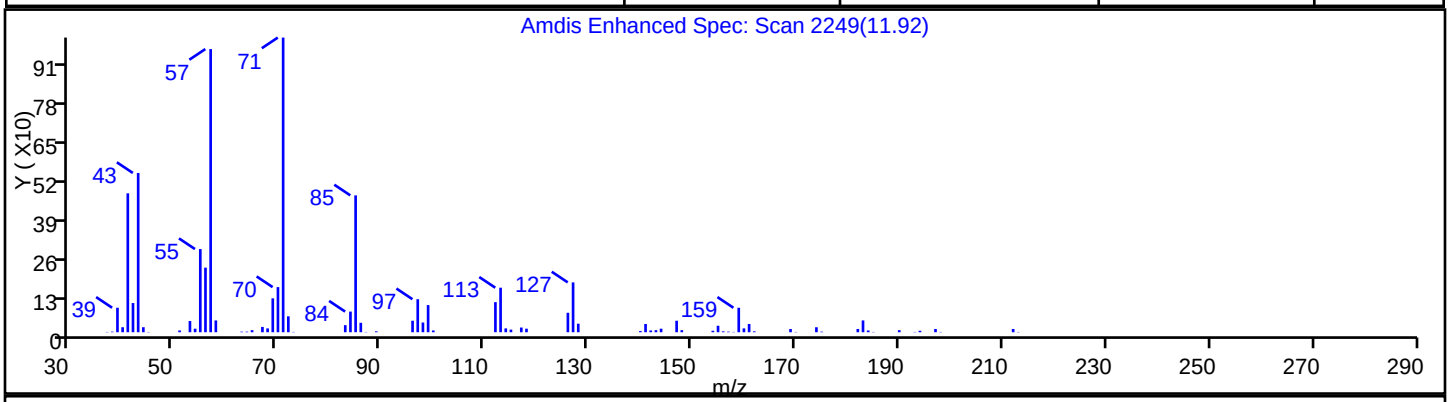
Report Date: 20-Sep-2013 10:09:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

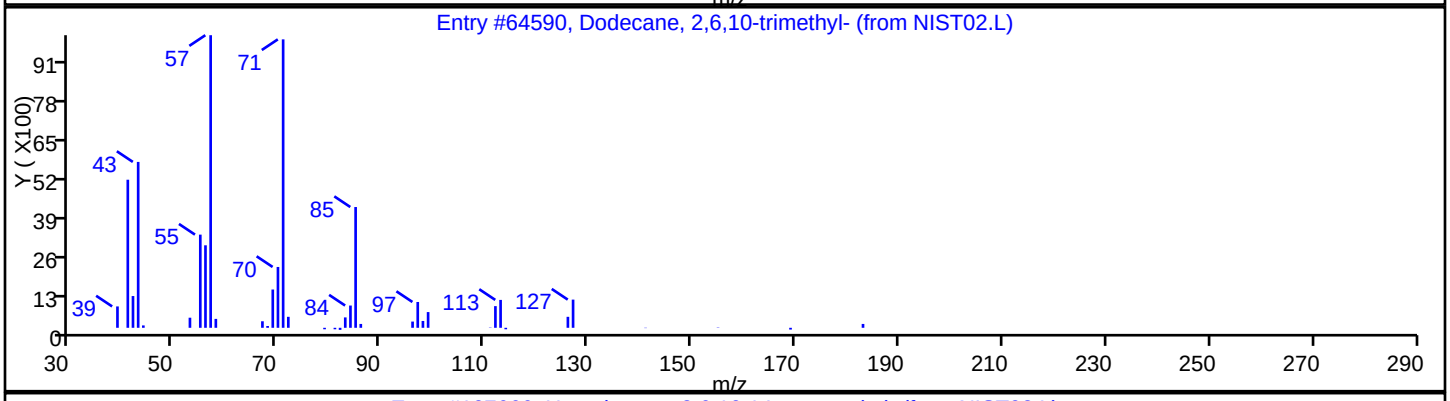
TestAmerica Edison

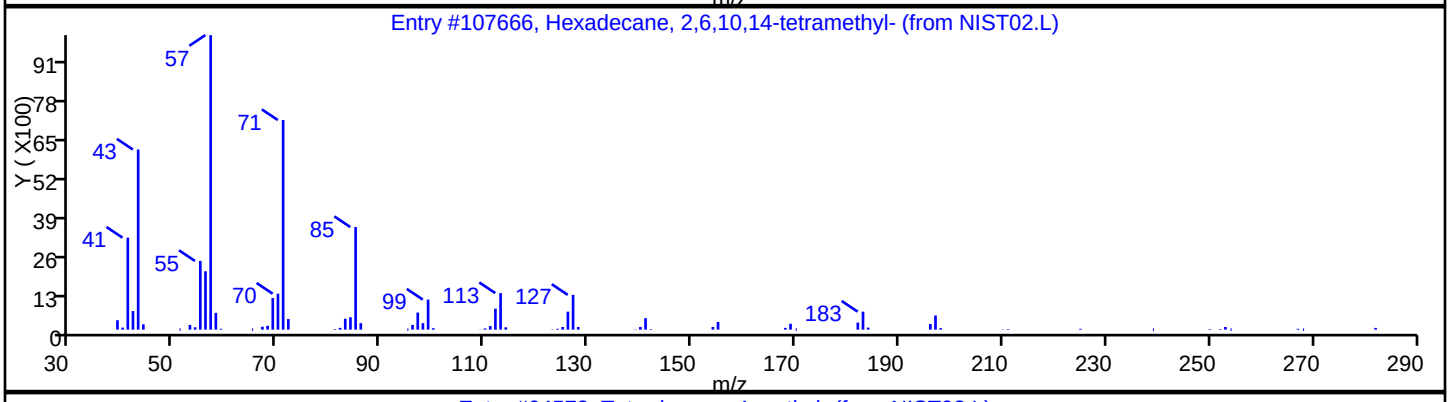
Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D

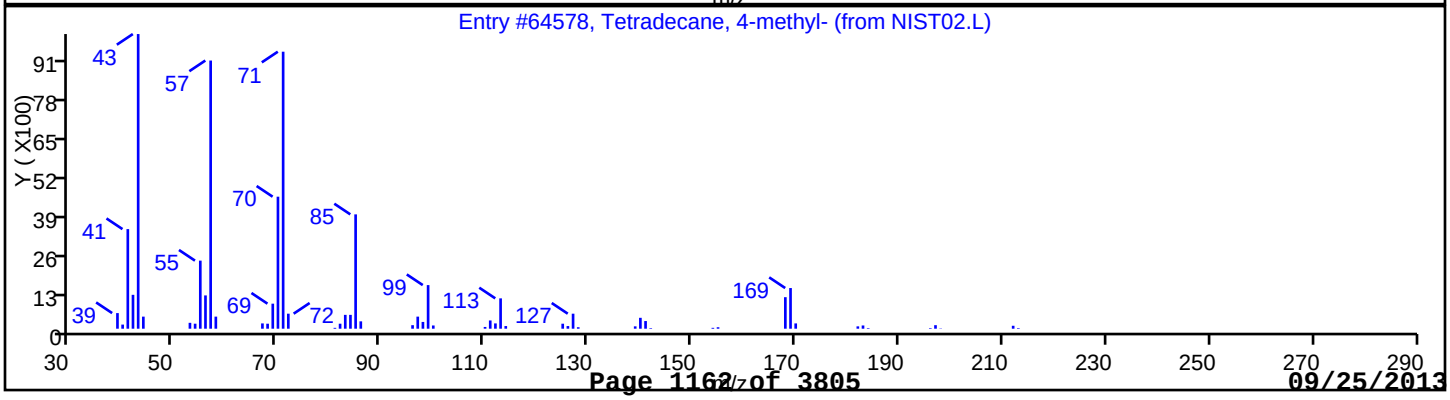
Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	83
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107666	72
Tetradecane, 4-methyl-	25117-24-2	NIST02.L	64578	72









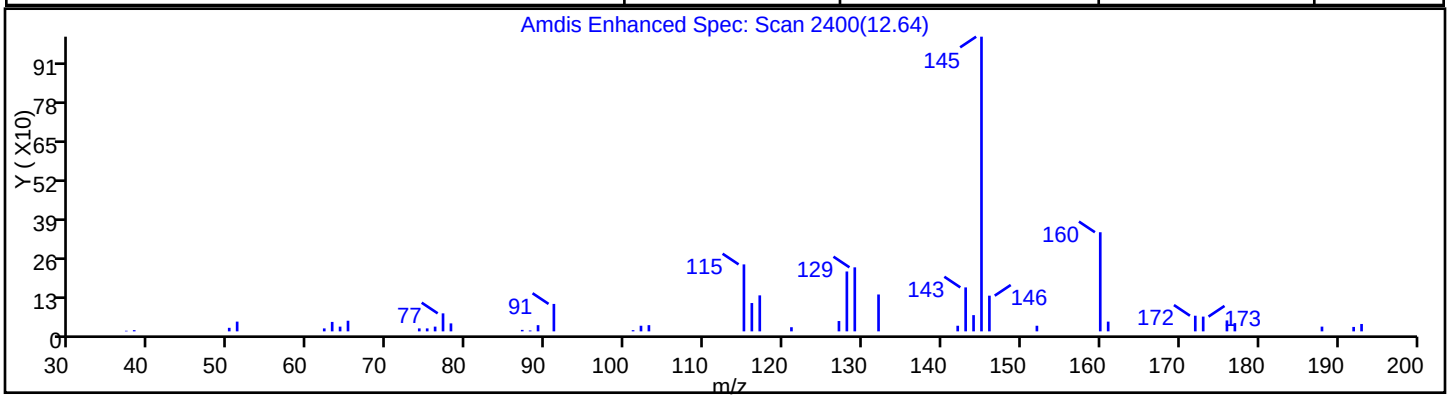
Report Date: 20-Sep-2013 10:09:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

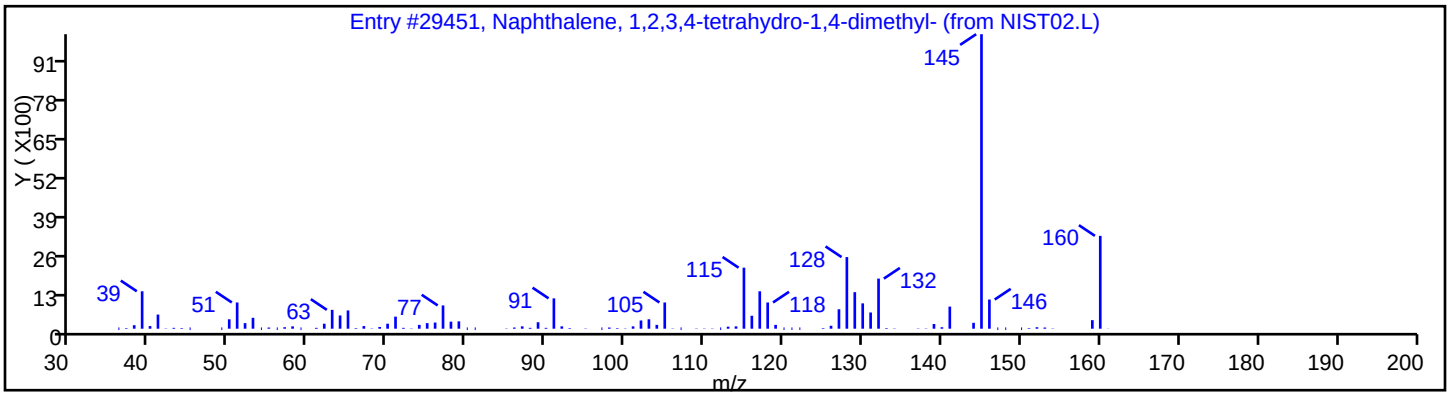
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363104.D

Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SI	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	19
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
Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	4175-54-6	NIST02.L	29451	72





FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SD | Lab Sample ID: 460-62968-23

Matrix: Solid | Lab File ID: D363135.D

Analysis Method: 8260B | Date Collected: 09/12/2013 12:15

Sample wt/vol: 5.388(g) | Date Analyzed: 09/19/2013 12:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.2 | Level: (low/med) Low

Analysis Batch No.: 182082 | 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	0.34	U	1.0	0.34
75-09-2	Methylene Chloride	0.16	U	1.0	0.16
67-64-1	Acetone	1.8	U	5.2	1.8
75-15-0	Carbon disulfide	2.4		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	0.14	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	1.6		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	0.33	J	1.0	0.18
108-90-7	Chlorobenzene	0.19	U	1.0	0.19
110-82-7	Cyclohexane	0.14	U	1.0	0.14
98-82-8	Isopropylbenzene	0.26	J	1.0	0.11
591-78-6	2-Hexanone	0.14	U	5.2	0.14
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	13	U	21	13
79-01-6	Trichloroethene	0.13	U	1.0	0.13
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SD | Lab Sample ID: 460-62968-23

Matrix: Solid | Lab File ID: D363135.D

Analysis Method: 8260B | Date Collected: 09/12/2013 12:15

Sample wt/vol: 5.388(g) | Date Analyzed: 09/19/2013 12:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.2 | Level: (low/med) Low

Analysis Batch No.: 182082 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.46	J	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	3.2		1.0	0.20
87-61-6	1,2,3-Trichlorobenzene	1.7		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	0.13	U	1.0	0.13
1330-20-7	Xylenes, Total	0.85	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	0.11	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)	85		70-130
2037-26-5	Toluene-d8 (Surr)	104		70-130
460-00-4	Bromofluorobenzene	102		70-130
1868-53-7	Dibromofluoromethane (Surr)	90		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SD Lab Sample ID: 460-62968-23

Matrix: Solid Lab File ID: D363135.D

Analysis Method: 8260B Date Collected: 09/12/2013 12:15

Sample wt/vol: 5.388(g) Date Analyzed: 09/19/2013 12:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.2 Level: (low/med) Low

Analysis Batch No.: 182082 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 474

CAS NO.	COMPOUND NAME	RT	RESULT	Q
112-40-3	Dodecane	10.68	35	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	10.80	66	J N
700-12-9	Benzene, pentamethyl-	11.06	62	J N
629-50-5	Tridecane	11.34	39	J N
1685-82-1	1H-Indene, 2,3-dihydro-4,6-dimethyl-	11.60	52	J N
25419-33-4	Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	11.74	51	J N
4175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	12.00	40	J N
2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	12.04	44	J N
90-12-0	Naphthalene, 1-methyl-	12.34	41	J N
14679-13-1	Benzene, 1,3,5-trimethyl-2-(1-methylethe	12.64	44	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D
Lims ID: 460-62968-C-23-A
Client ID: PMP-28SE-SD
Inject. Date: 19-Sep-2013 12:41:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-62968-C-23-A
Misc. Info.: 460-0004794-023
Operator:
Instrument ID: CVOAMS4
Purge Vol: 5.000 mL
ALS Bottle#: 22
Lims Batch ID: 182082
Lims Sample ID: 23
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\8260S_4.m
Last Update: 20-Sep-2013 07:12:54
Calib Date: 05-Sep-2013 06:32:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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: 19-Sep-2013 19:28:37

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
21 Carbon disulfide	76	2.007	2.007	0.0	97	38120	2.34	
* 151 TBA-d9 (IS)	65	2.647	2.652	-0.005	62	209049	1000.0	
47 Chloroform	83	3.572	3.567	0.005	81	15459	1.51	
$ 152 Dibromofluoromethane (Surr)	113	3.716	3.721	-0.005	95	180126	45.2	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.169	4.169	0.0	95	180956	42.7	
* 59 Fluorobenzene	96	4.429	4.429	0.0	98	678988	50.0	
* 150 1,4-Dioxane-d8	96	5.406	5.406	0.0	1	17099	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.095	6.104	-0.009	97	668286	51.8	
* 87 Chlorobenzene-d5	117	7.795	7.795	0.0	84	485646	50.0	
89 Ethylbenzene	106	7.876	7.867	0.009	1	2297	0.3161	M
92 o-Xylene	106	8.387	8.387	0.0	86	6917	0.8167	
98 Isopropylbenzene	105	8.666	8.661	0.005	55	6459	0.2520	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	92	218473	51.0	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	93	276984	50.0	
117 1,4-Dichlorobenzene	146	9.750	9.750	0.0	19	4999	0.4396	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	41	28320	3.05	
128 1,2,3-Trichlorobenzene	180	11.464	11.464	0.0	20	12982	1.61	
S 131 Xylenes, Total	100				0		0.8167	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D		
Lims ID:	460-62968-C-23-A	Client ID:	PMP-28SE-SD
Inject. Date:	19-Sep-2013 12:41:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-C-23-A		
Misc. Info.:	460-0004794-023		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	22
Lims Batch ID:	182082	Lims Sample ID:	23
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\8260S_4.m		
Last Update:	20-Sep-2013 07:12:54	Calib Date:	05-Sep-2013 06:32:30
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:	19-Sep-2013 19:28:37

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	112-40-3	Dodecane				
10.679	1005706	33.3	116	44	36159	
	95-93-2	Benzene, 1,2,4,5-tetramethyl-				
10.804	1921891	63.6	116	90	14360	
	700-12-9	Benzene, pentamethyl-				
11.064	1796243	59.5	116	72	21795	
	629-50-5	Tridecane				
11.339	1139164	37.7	116	92	45543	
	1685-82-1	1H-Indene, 2,3-dihydro-4,6-dimethyl-				
11.599	1517437	50.2	116	92	20745	
	25419-33-4	Naphthalene, 1,2,3,4-tetrahydro-1,8-dime				
11.738	1482619	49.1	116	91	29463	
	4175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,4-dime				
12.003	1156799	38.3	116	94	29460	
	2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-				
12.042	1258010	41.7	116	76	29424	
	90-12-0	Naphthalene, 1-methyl-				
12.335	1191090	39.4	116	91	18499	
	14679-13-1	Benzene, 1,3,5-trimethyl-2-(1-methylethe				
12.639	1261588	41.8	116	90	29452	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	9.735	1510140	50.0

QC Flag Legend

Processing Flags

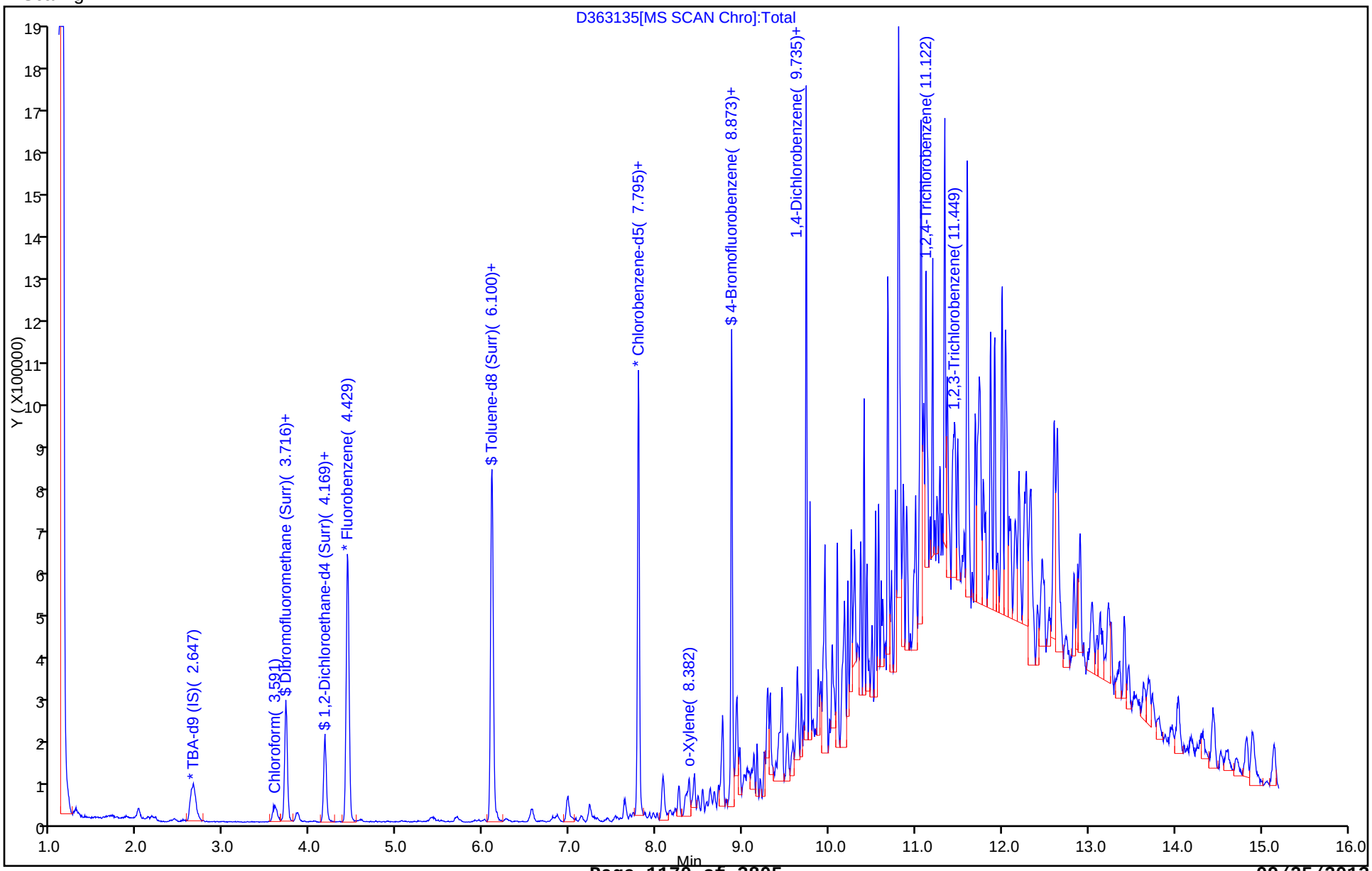
Report Date: 20-Sep-2013 07:12:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D

Injection Date:	19-Sep-2013 12:41:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



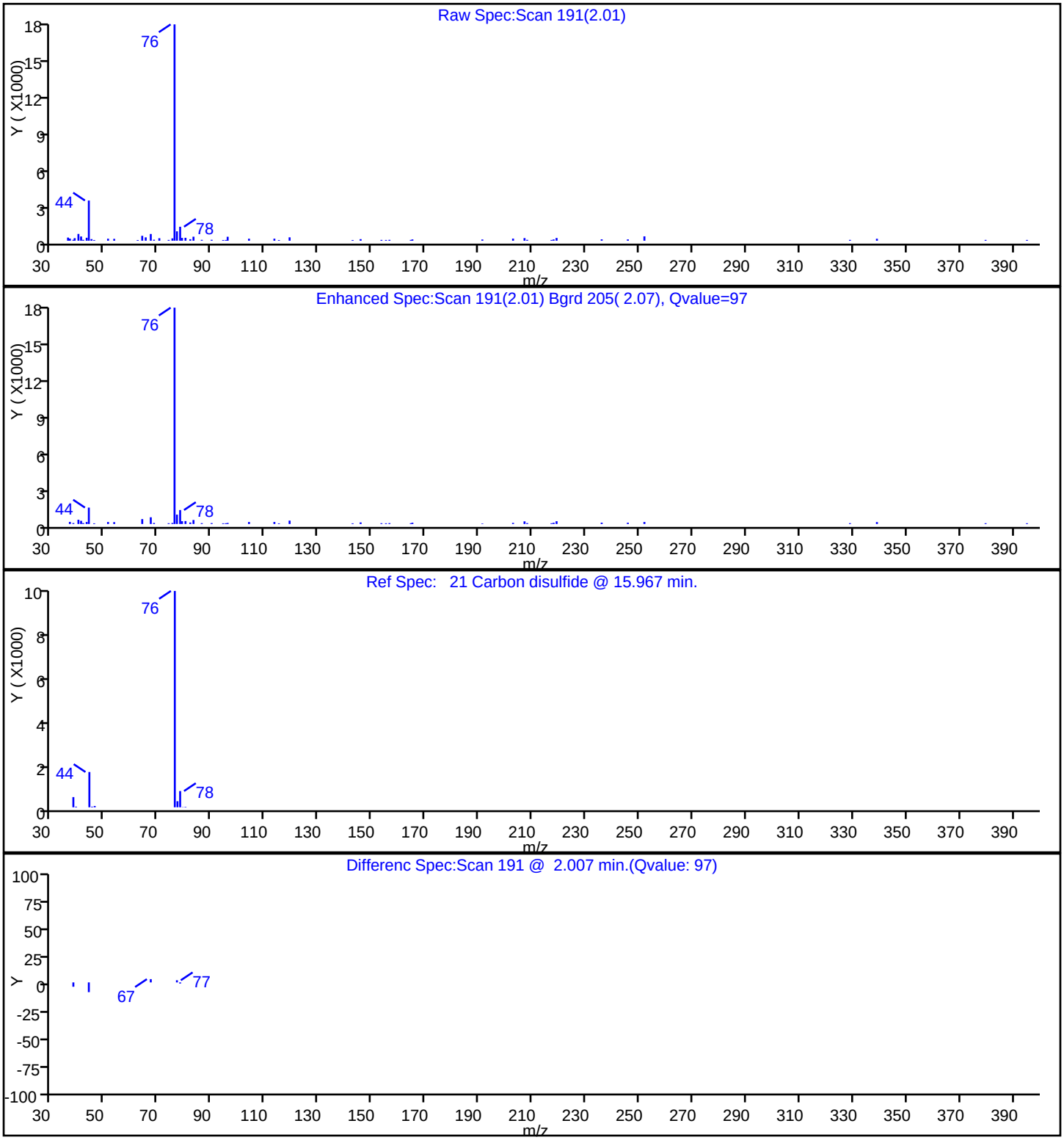
Report Date: 20-Sep-2013 07:12:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D

Injection Date:	19-Sep-2013 12:41:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

21 Carbon disulfide



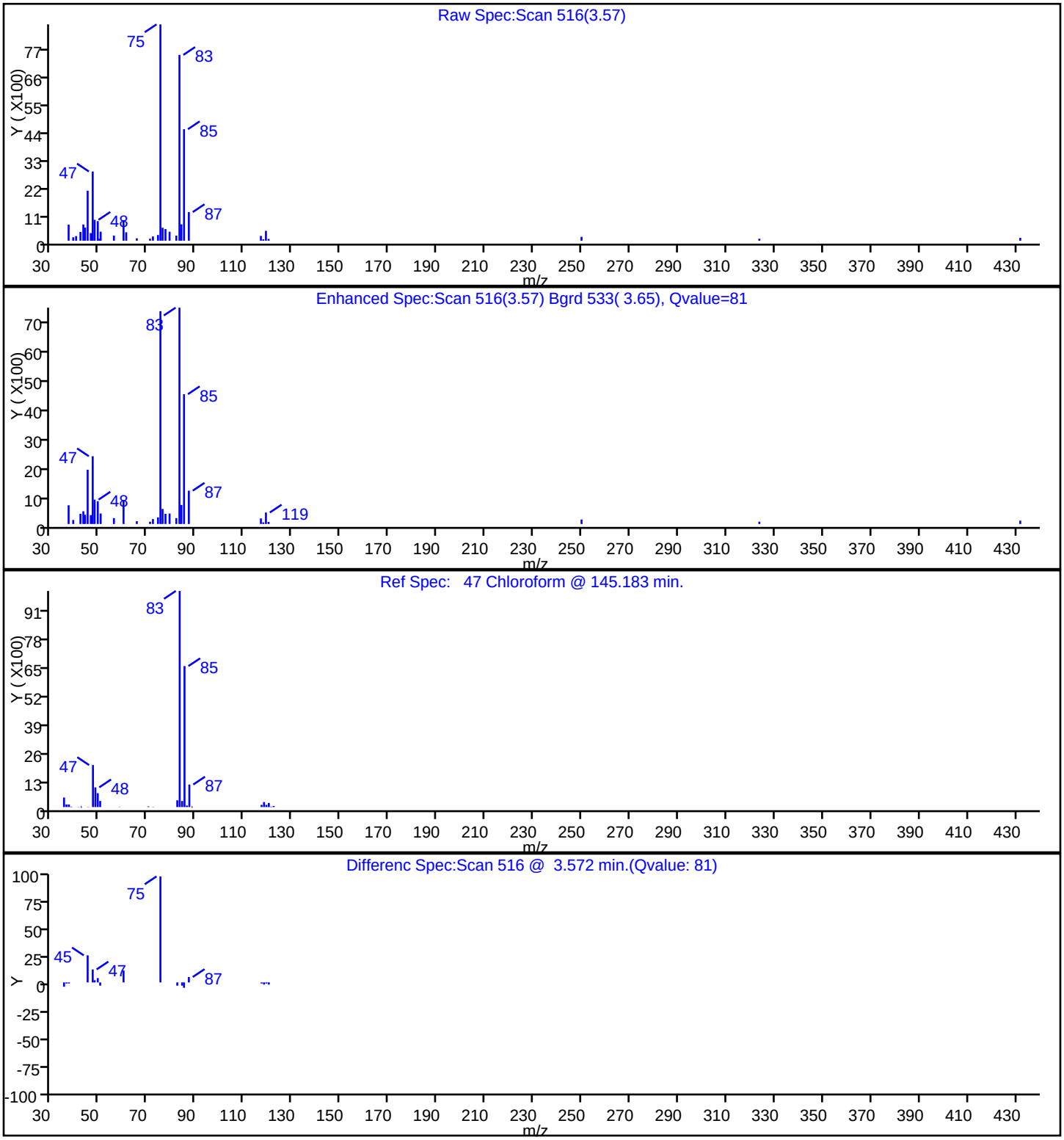
Report Date: 20-Sep-2013 07:12:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D

Injection Date:	19-Sep-2013 12:41:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



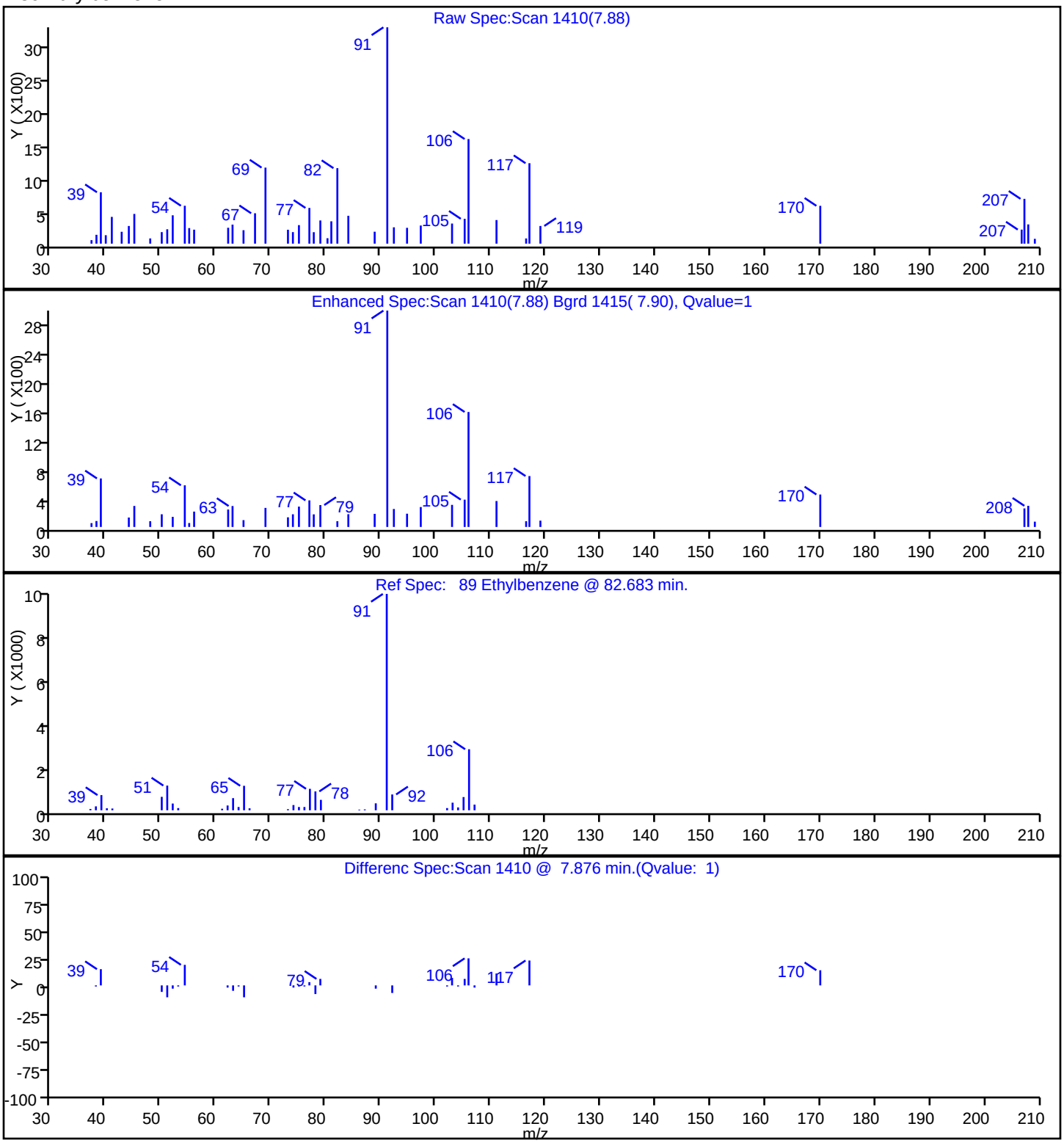
Report Date: 20-Sep-2013 07:12:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D

Injection Date:	19-Sep-2013 12:41:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

89 Ethylbenzene

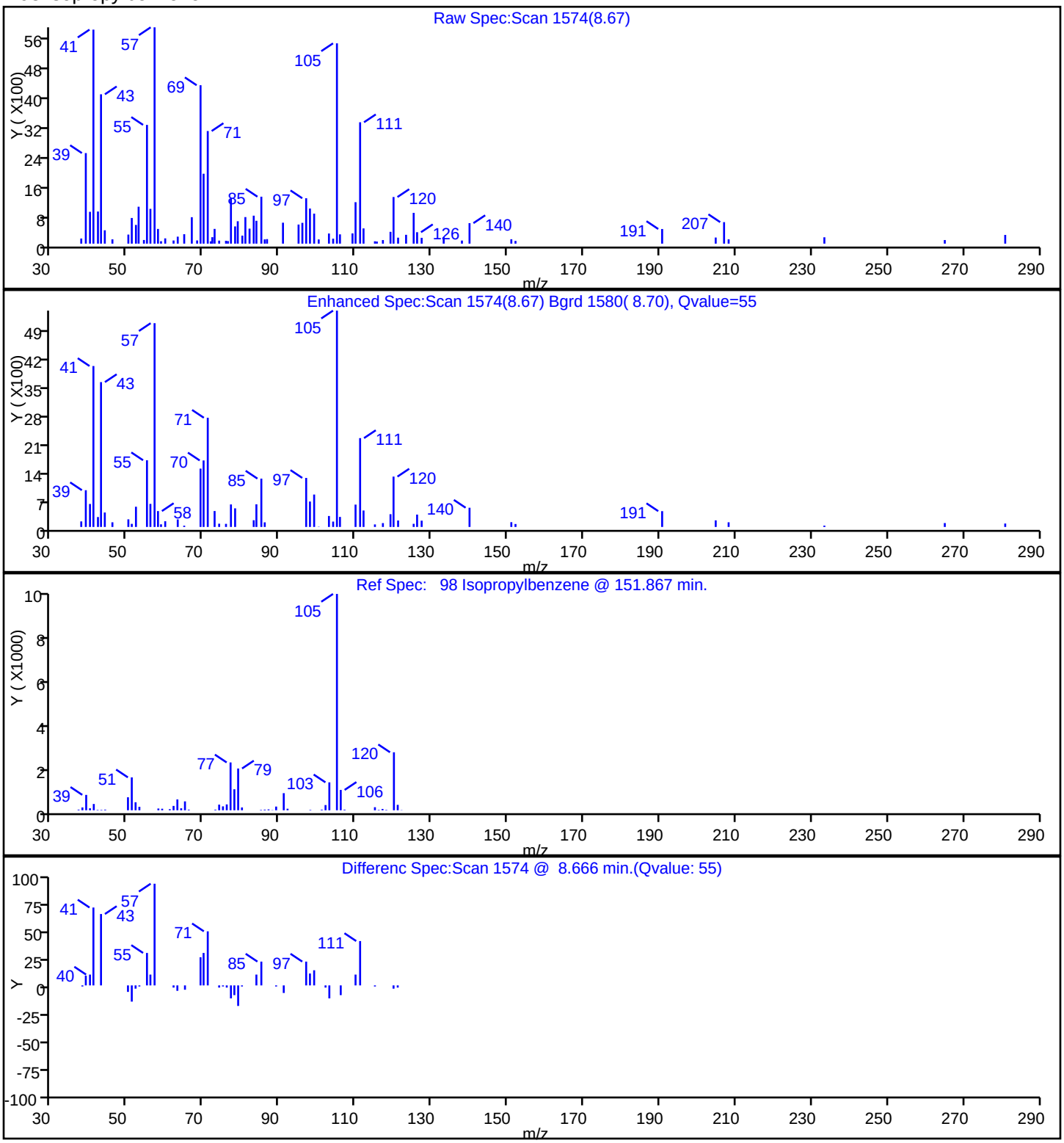


Report Date: 20-Sep-2013 07:12:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D		
Injection Date:	19-Sep-2013 12:41:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

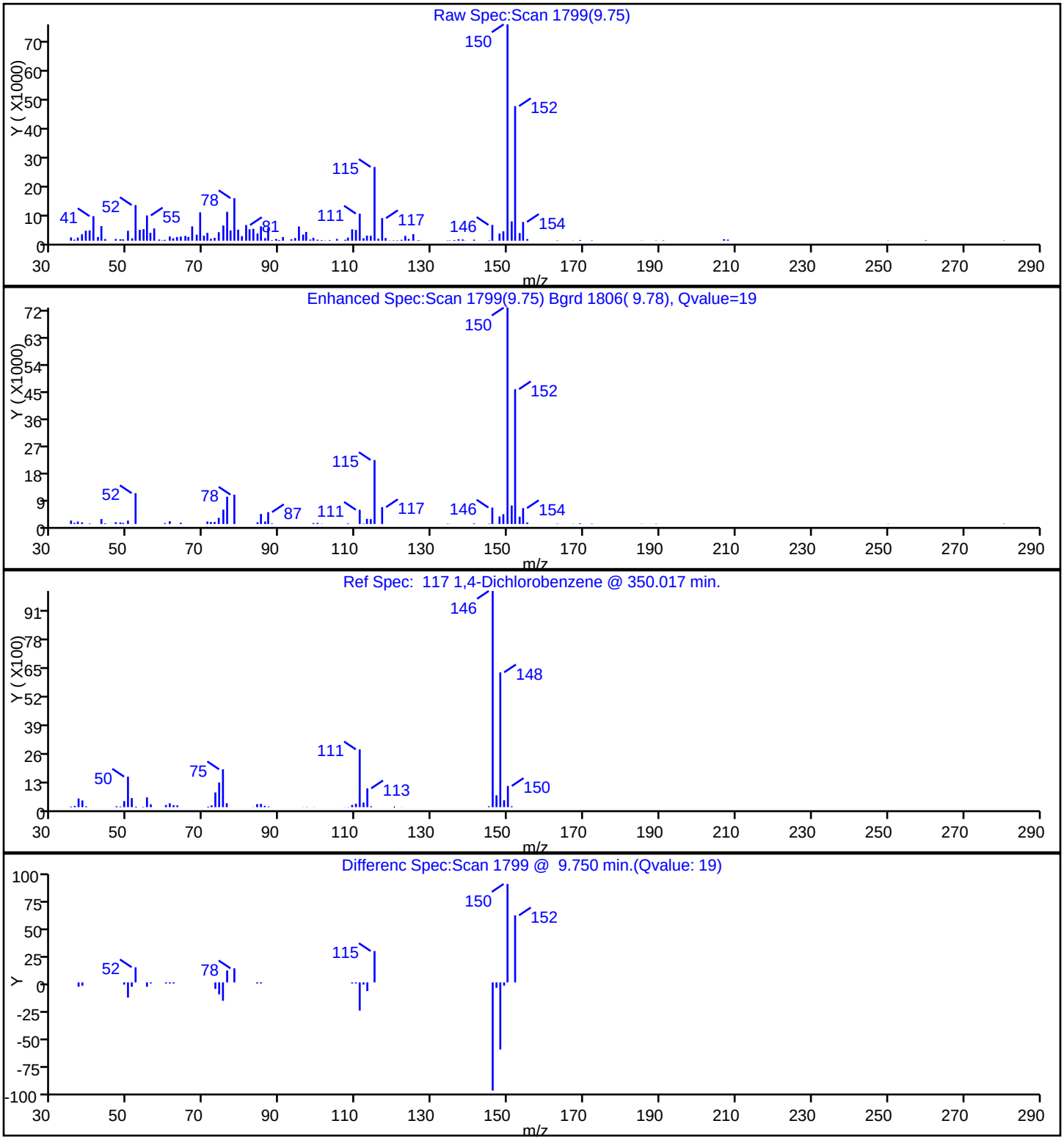
98 Isopropylbenzene



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D		
Injection Date:	19-Sep-2013 12:41:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



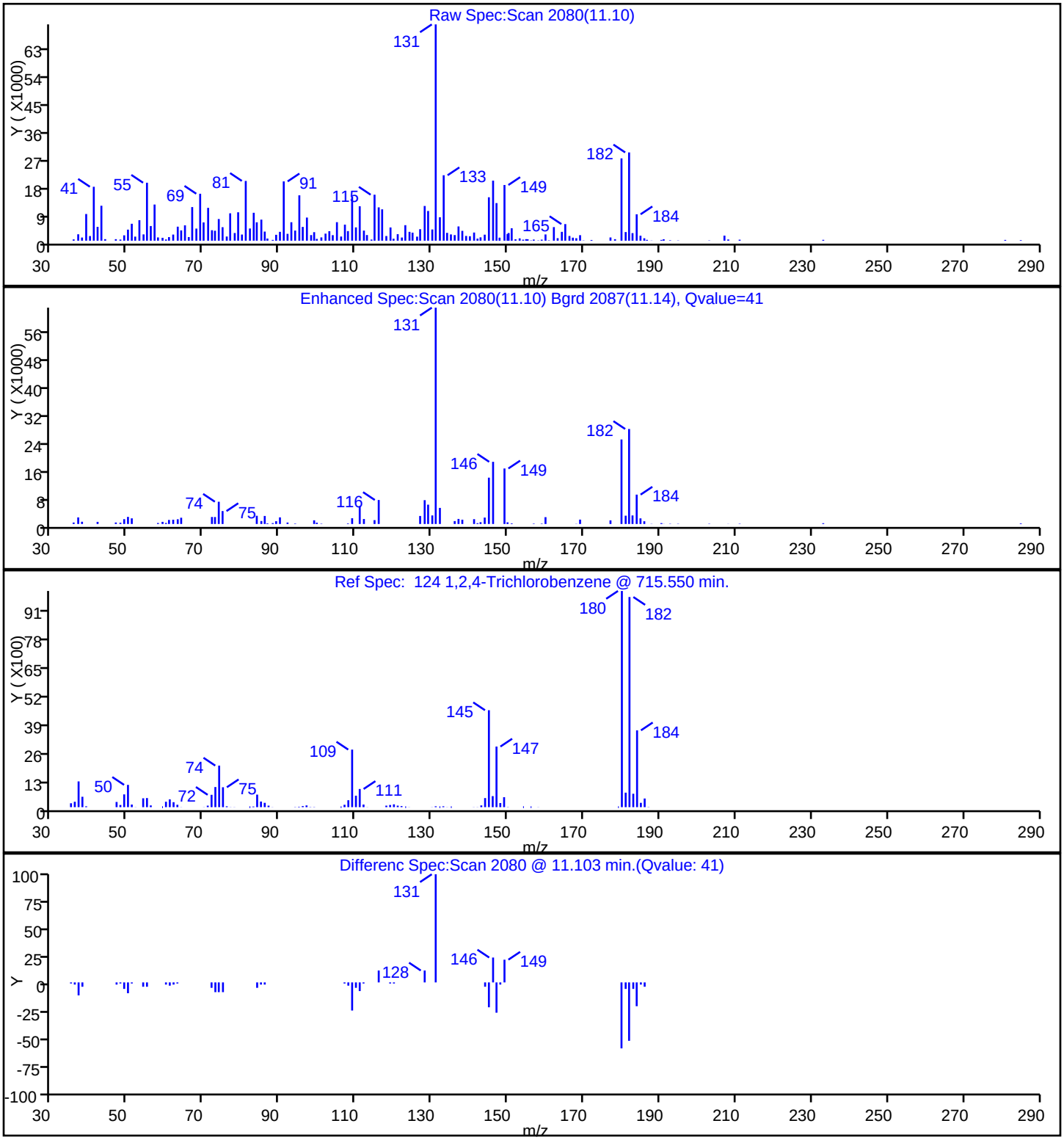
Report Date: 20-Sep-2013 07:12:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D

Injection Date:	19-Sep-2013 12:41:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



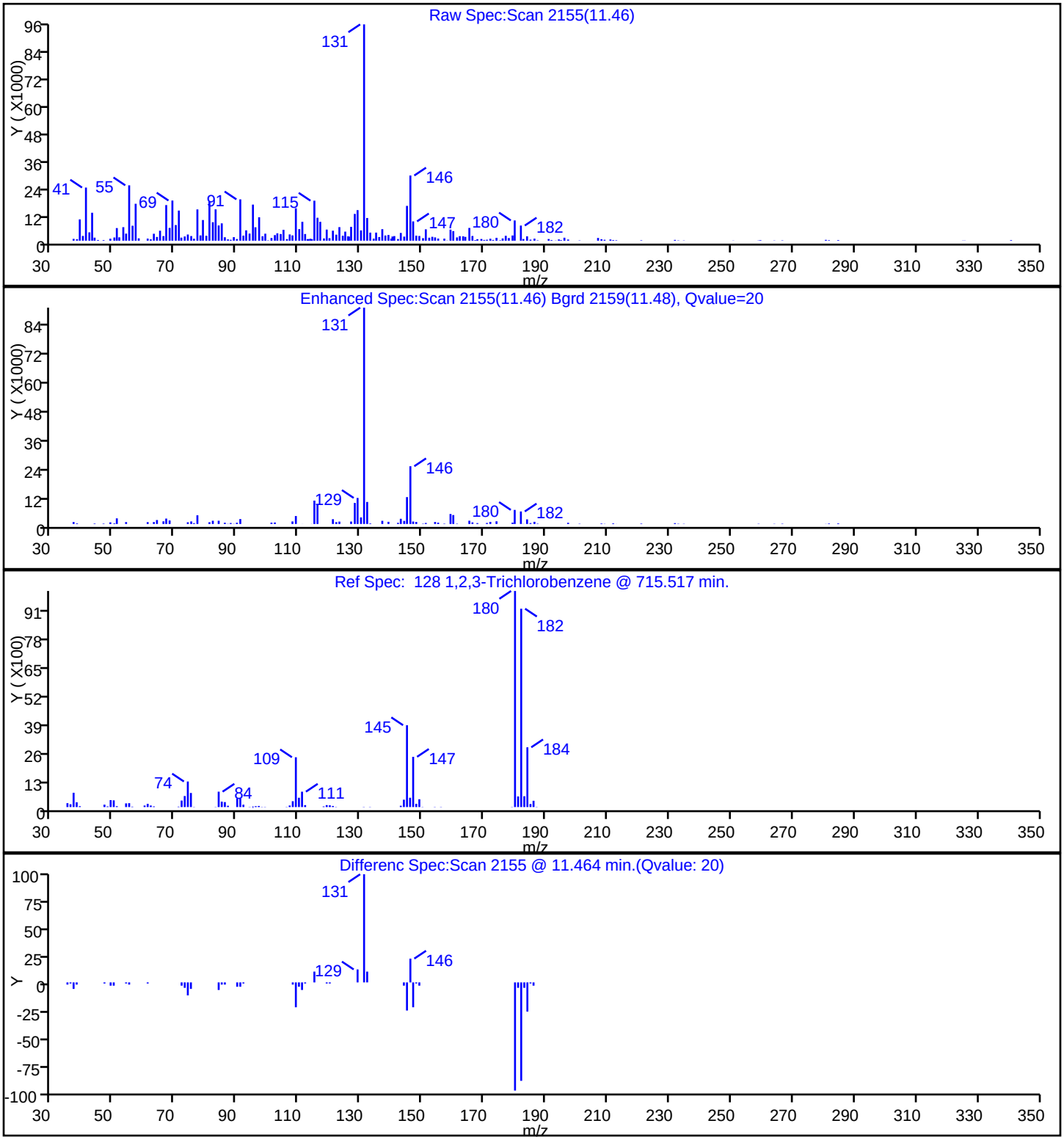
Report Date: 20-Sep-2013 07:12:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D

Injection Date:	19-Sep-2013 12:41:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

128 1,2,3-Trichlorobenzene



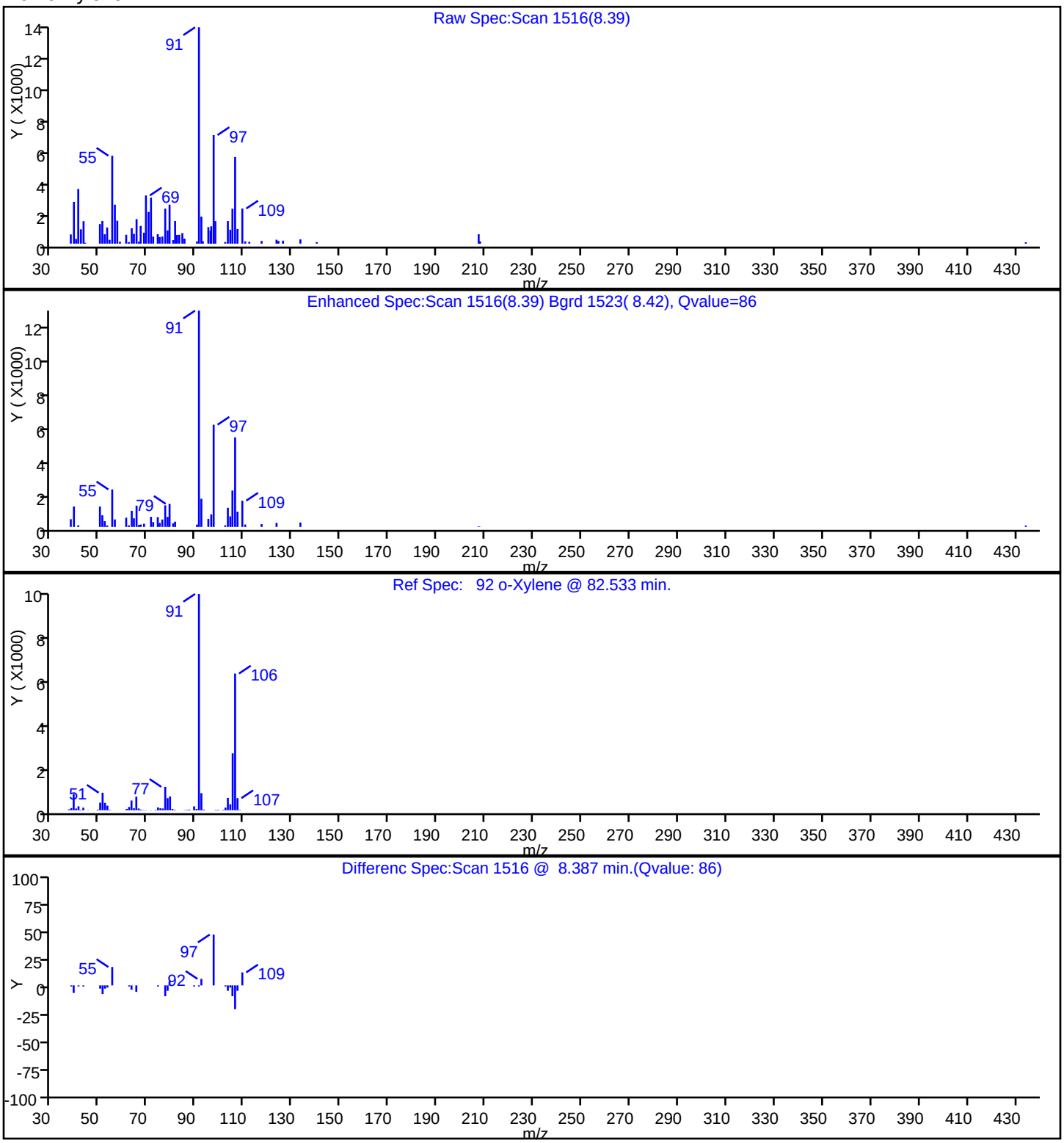
Report Date: 20-Sep-2013 07:12:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D

Injection Date:	19-Sep-2013 12:41:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	23
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

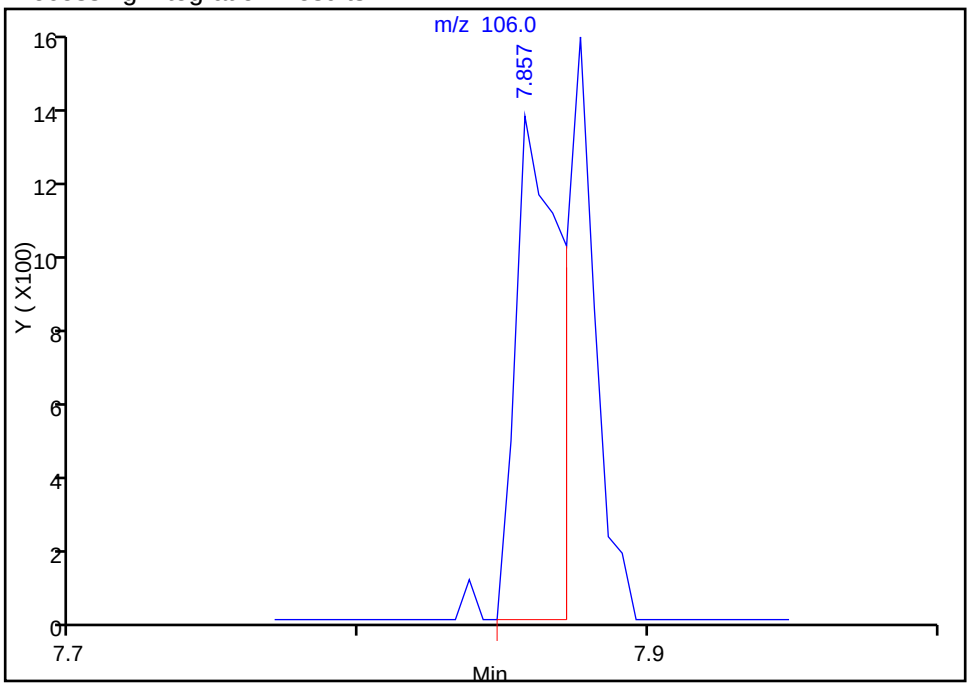
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D		
Injection Date:	19-Sep-2013 12:41:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

89 Ethylbenzene, Signal: 1, m/z: 106.0 Type: quant, RT: 7.87

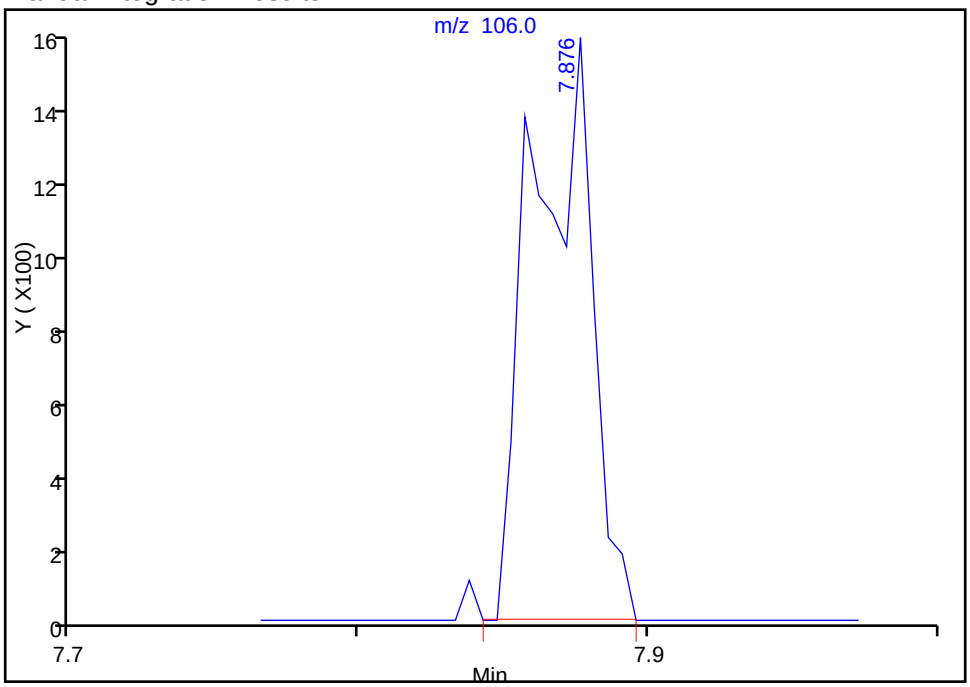
Processing Integration Results

RT: 7.86
Response: 1485
Amount: 0.204351



Manual Integration Results

RT: 7.88
Response: 2297
Amount: 0.316091



Reviewer: delpolitov, 20-Sep-2013 07:12:54
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

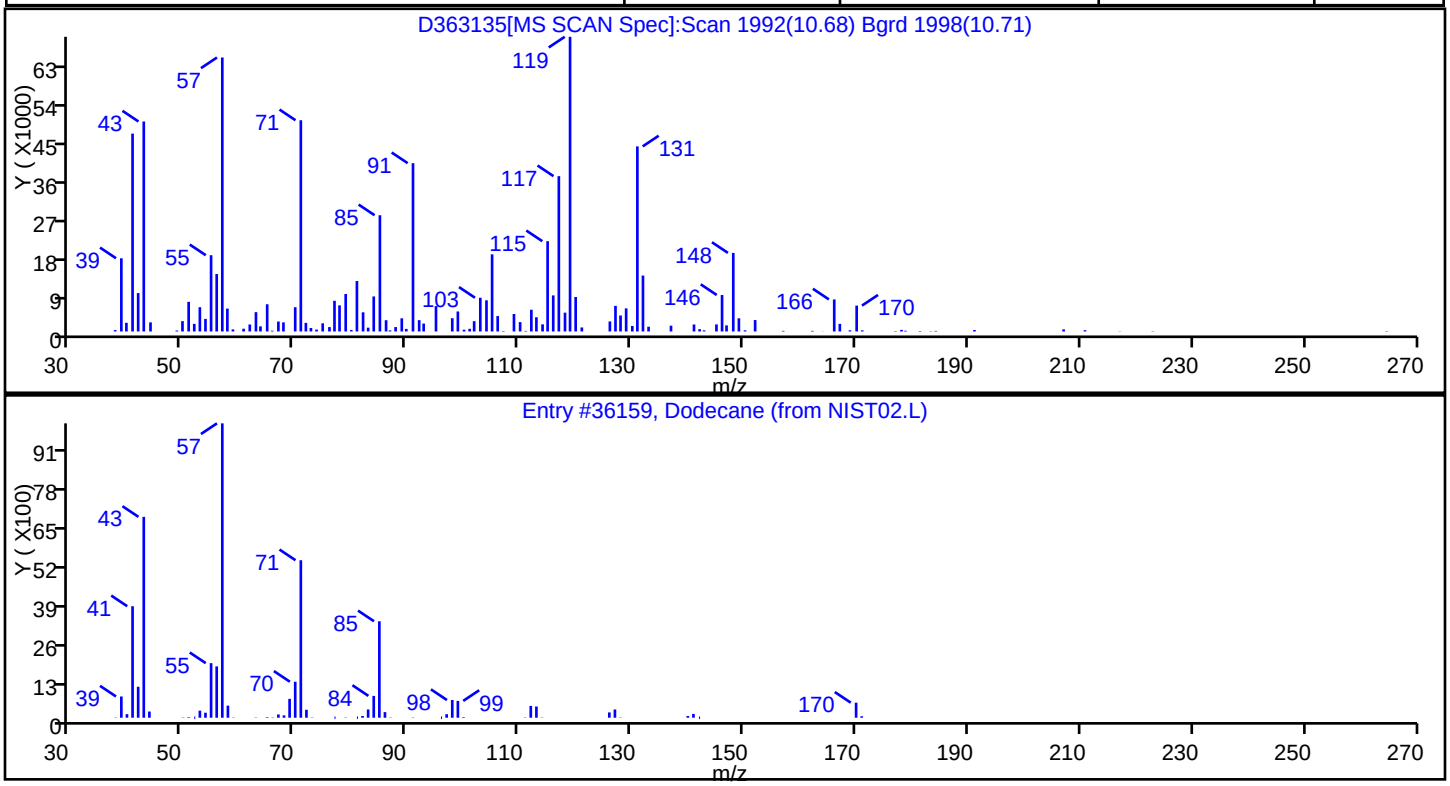
Report Date: 20-Sep-2013 07:12:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D

Injection Date:	19-Sep-2013 12:41:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	23
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	44



Report Date: 20-Sep-2013 07:12:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D

Injection Date: 19-Sep-2013 12:41:30 Limit Group: VOA - 8260B Water and Solid

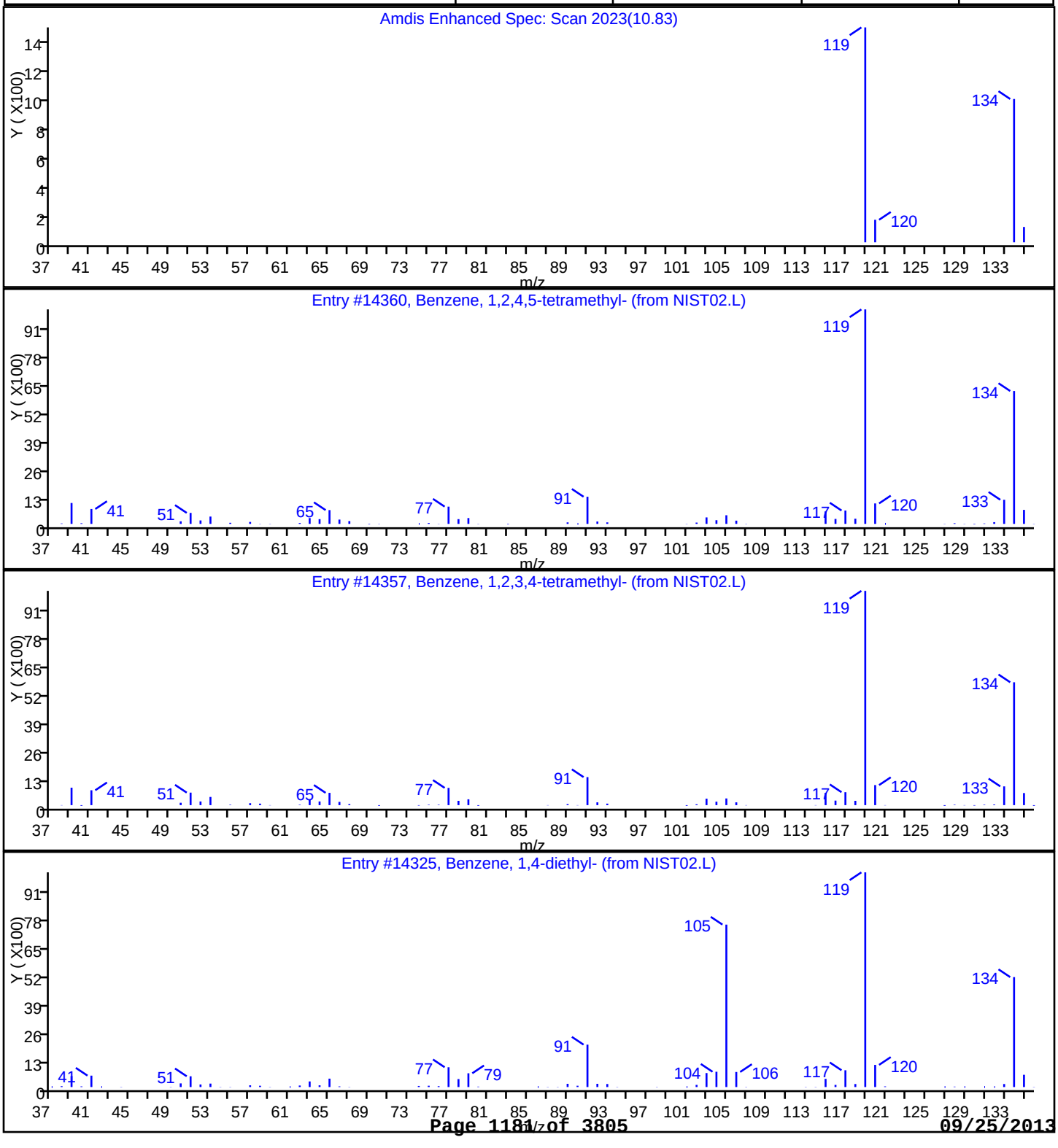
Client ID: PMP-28SE-SD Instrument ID: CVOAMS4

Lims Batch ID: 182082 Lims Sample ID: 23

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	14360	90
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14357	90
Benzene, 1,4-diethyl-	105-05-5	NIST02.L	14325	90



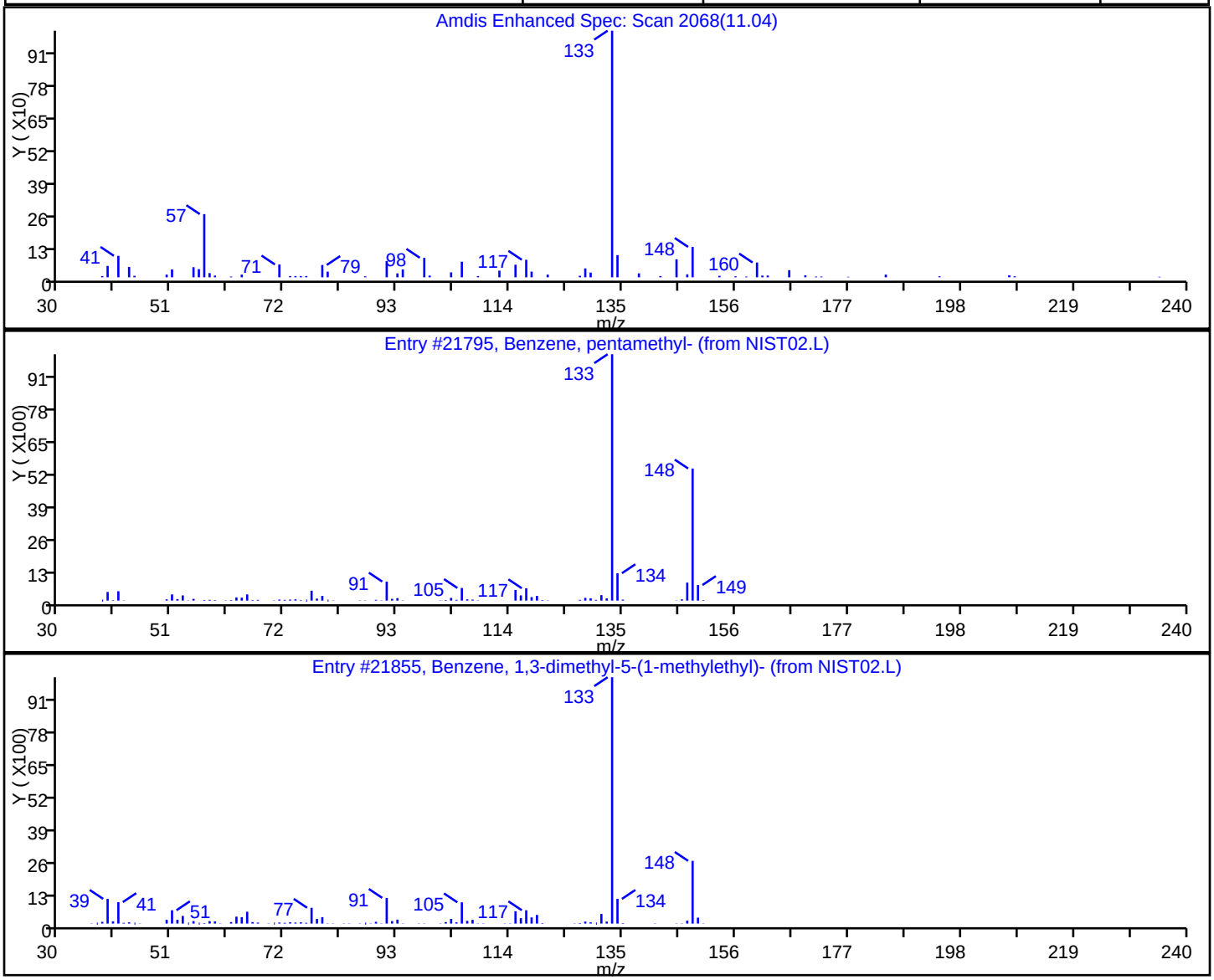
Report Date: 20-Sep-2013 07:12:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D

Injection Date:	19-Sep-2013 12:41:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	23
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, pentamethyl-	700-12-9	NIST02.L	21795	72
Benzene, 1,3-dimethyl-5-(1-methylethyl)-	4706-90-5	NIST02.L	21855	72



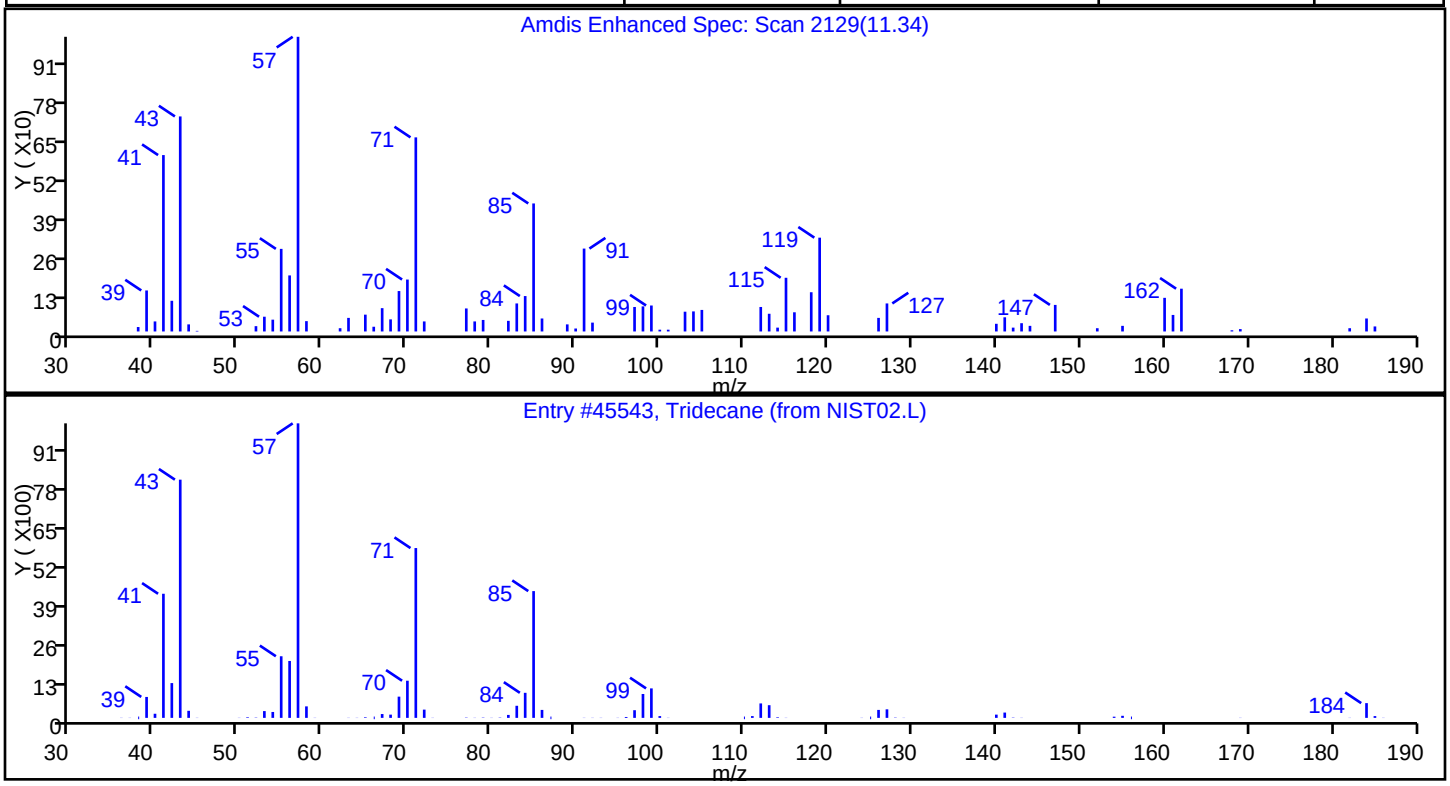
Report Date: 20-Sep-2013 07:12:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D

Injection Date:	19-Sep-2013 12:41:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	23
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	92



Report Date: 20-Sep-2013 07:12:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D

Injection Date: 19-Sep-2013 12:41:30 Limit Group: VOA - 8260B Water and Solid

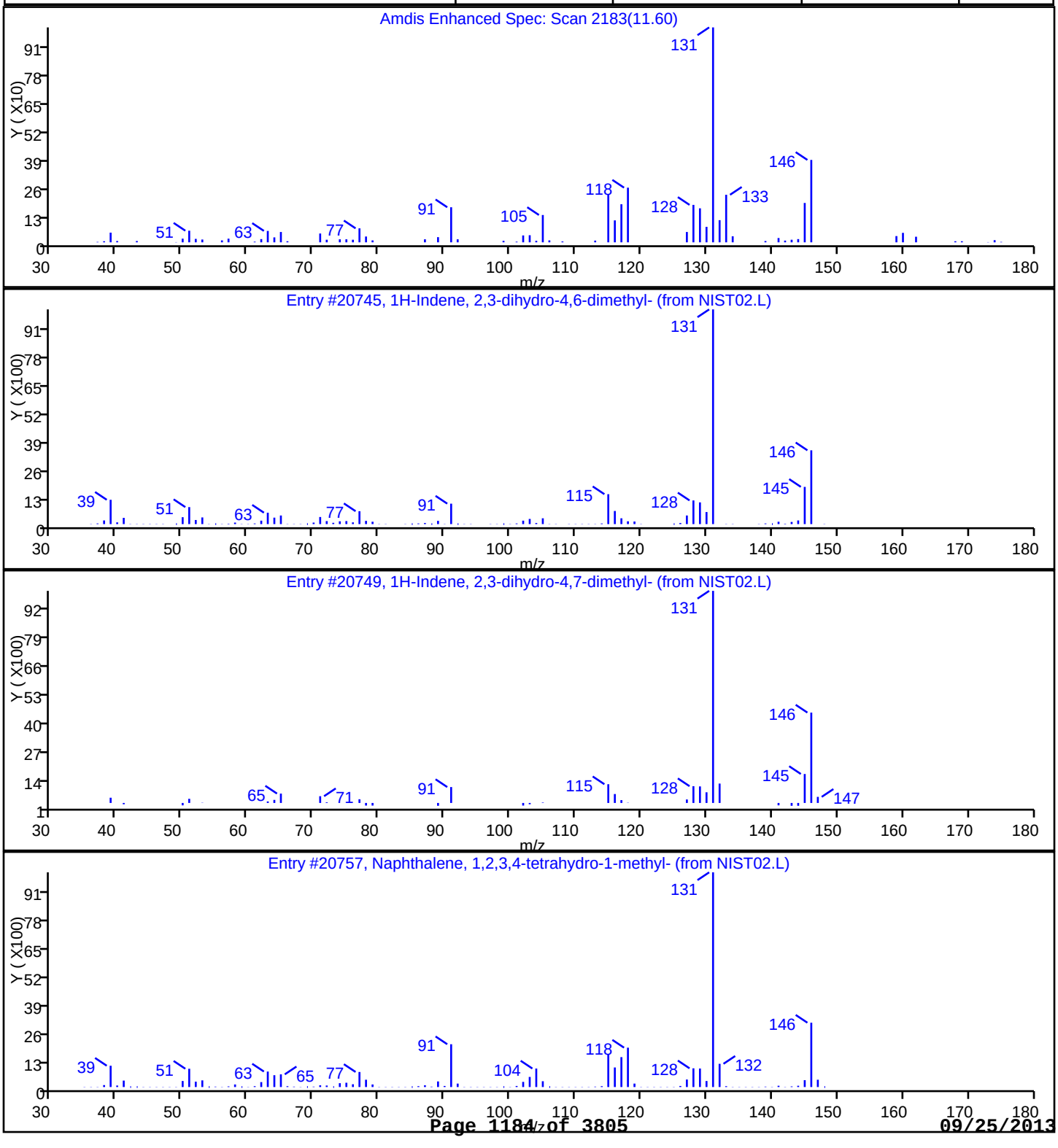
Client ID: PMP-28SE-SD Instrument ID: CVOAMS4

Lims Batch ID: 182082 Lims Sample ID: 23

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-4,6-dimethyl-	1685-82-1	NIST02.L	20745	92
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20749	89
Naphthalene, 1,2,3,4-tetrahydro-1-methyl	1559-81-5	NIST02.L	20757	87



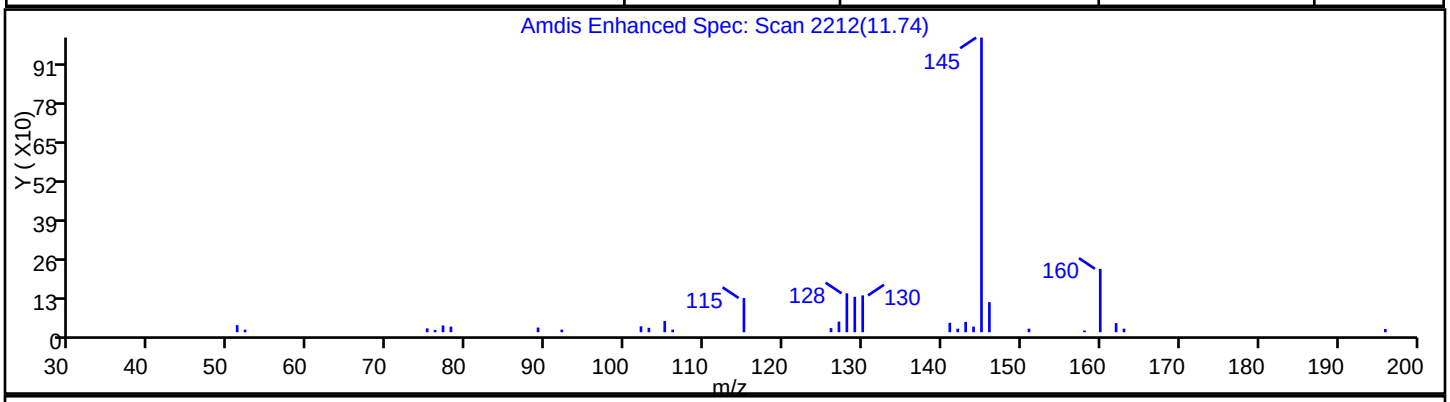
Report Date: 20-Sep-2013 07:12:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

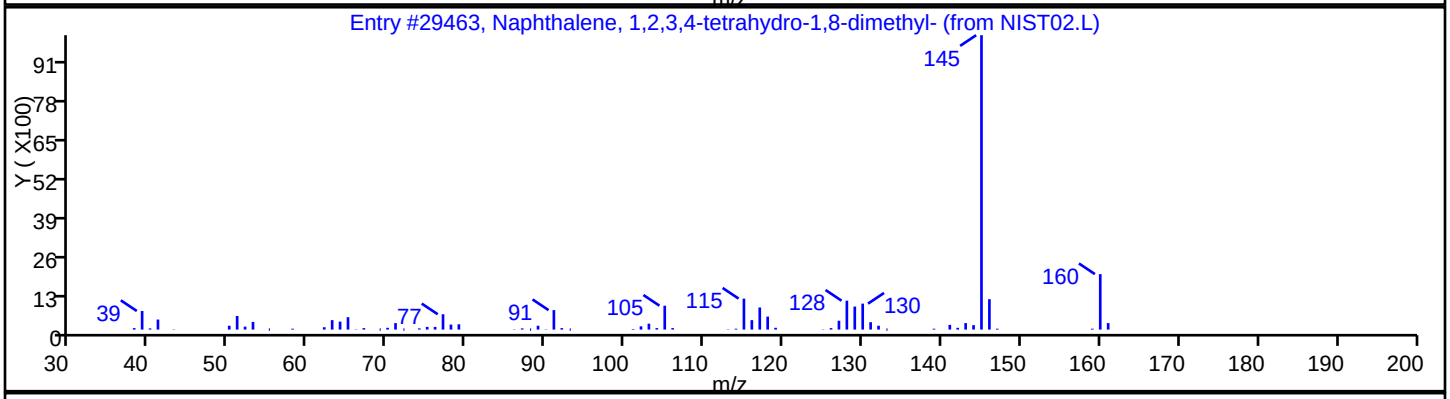
TestAmerica Edison

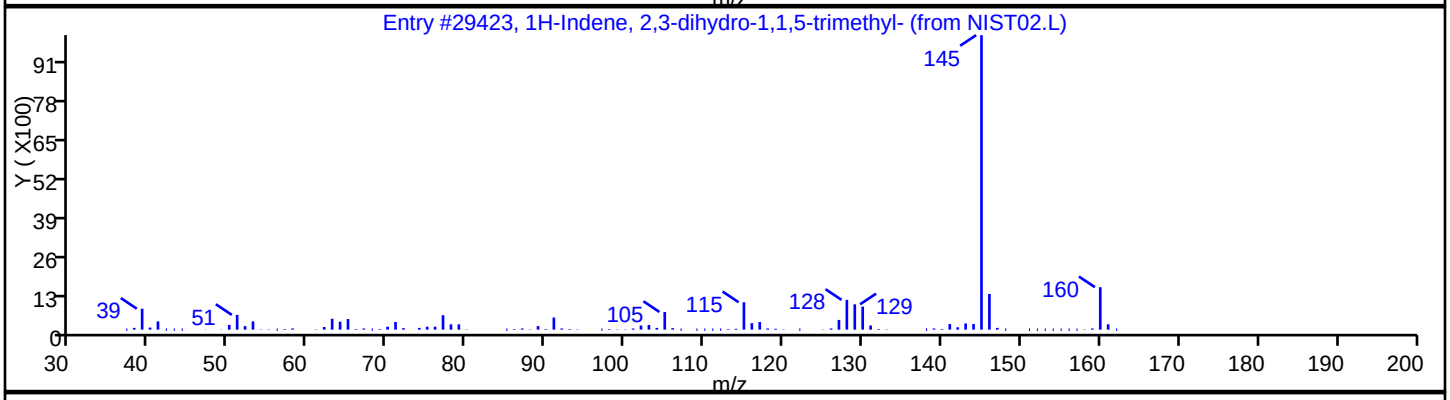
Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D

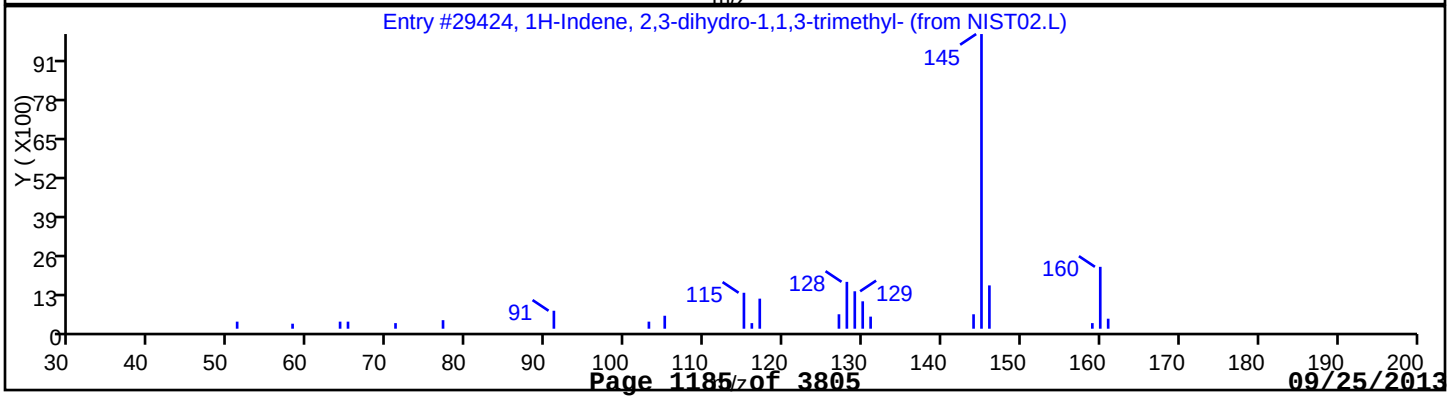
Injection Date:	19-Sep-2013 12:41:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	25419-33-4	NIST02.L	29463	91
1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	40650-41-7	NIST02.L	29423	91
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	2613-76-5	NIST02.L	29424	91









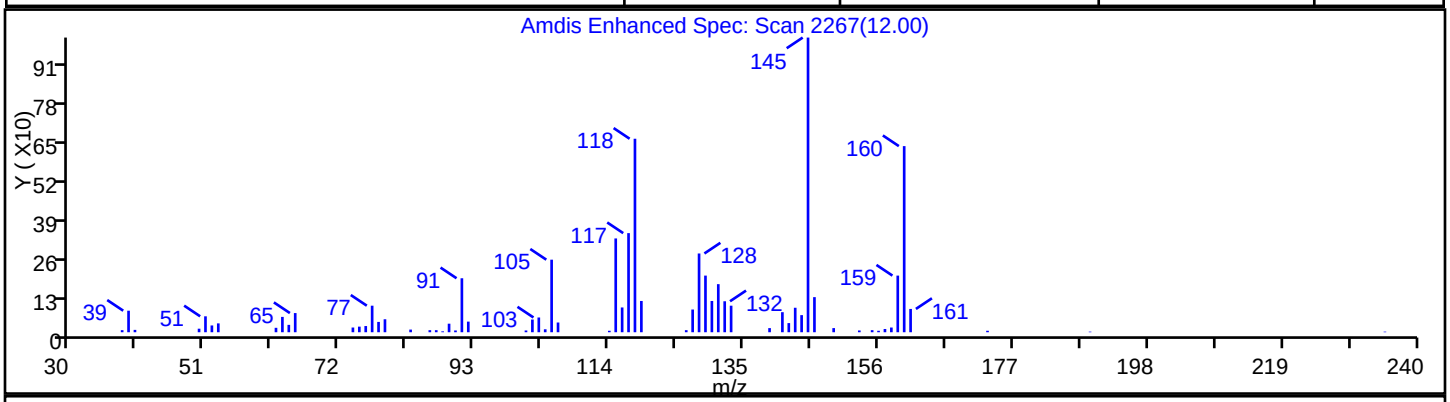
Report Date: 20-Sep-2013 07:12:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

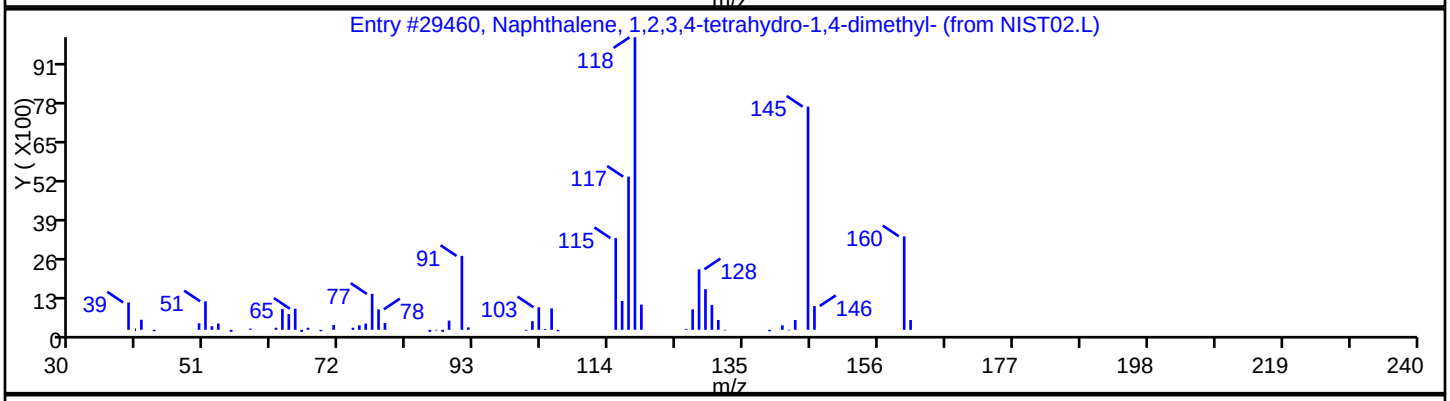
TestAmerica Edison

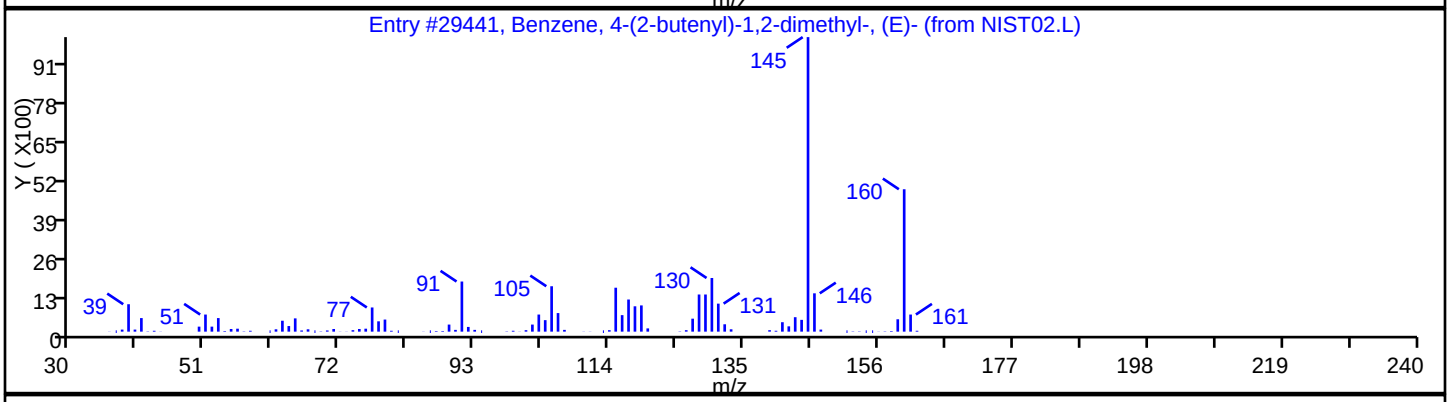
Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D

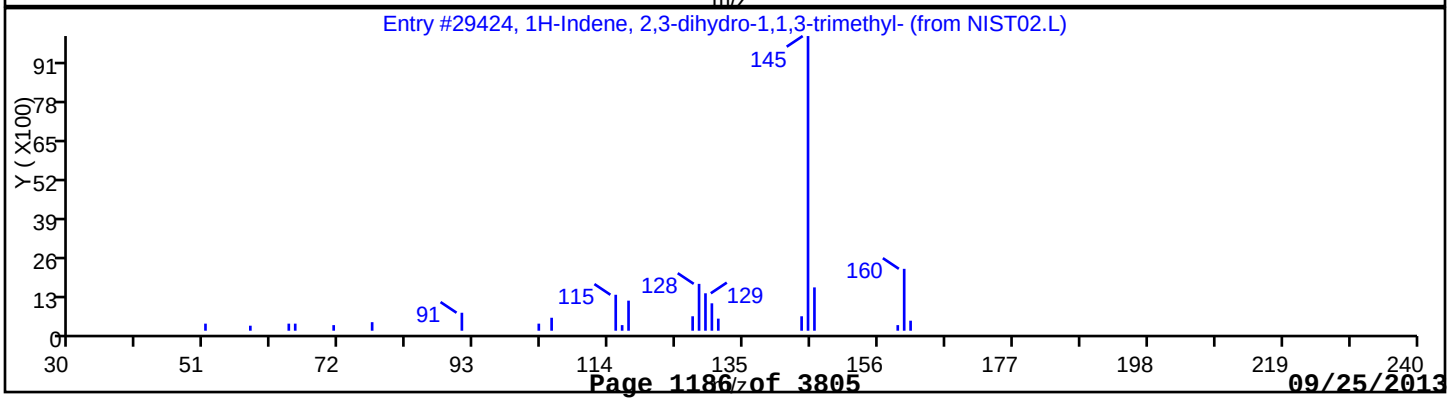
Injection Date:	19-Sep-2013 12:41:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	4175-54-6	NIST02.L	29460	94
Benzene, 4-(2-butenyl)-1,2-dimethyl-, (E	54340-86-2	NIST02.L	29441	90
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	2613-76-5	NIST02.L	29424	83









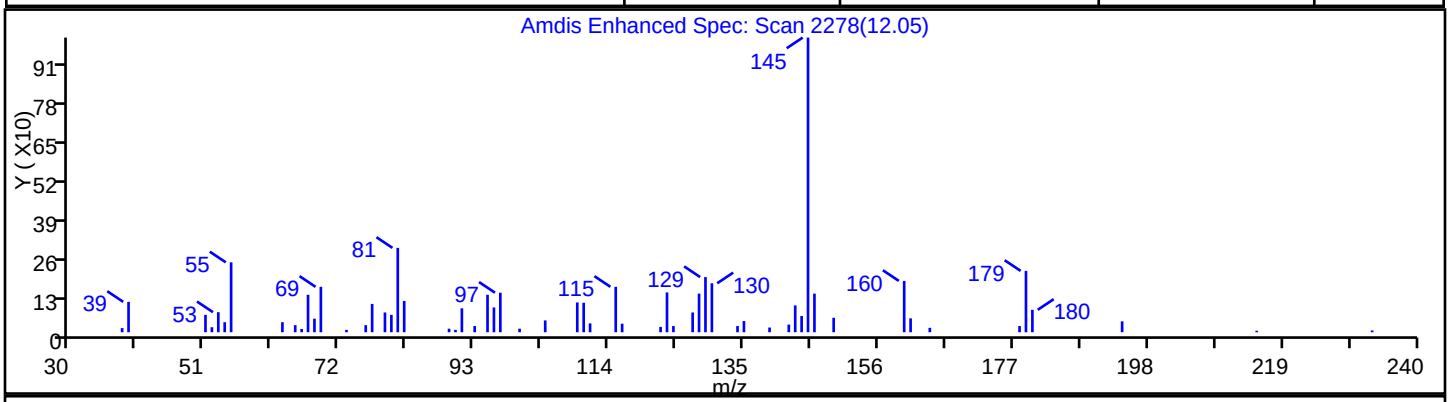
Report Date: 20-Sep-2013 07:12:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

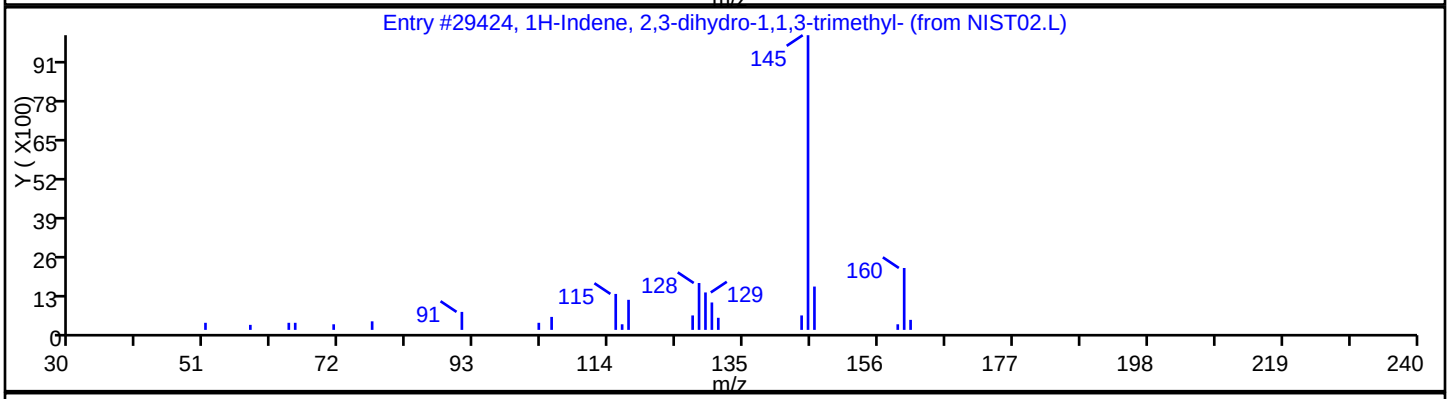
TestAmerica Edison

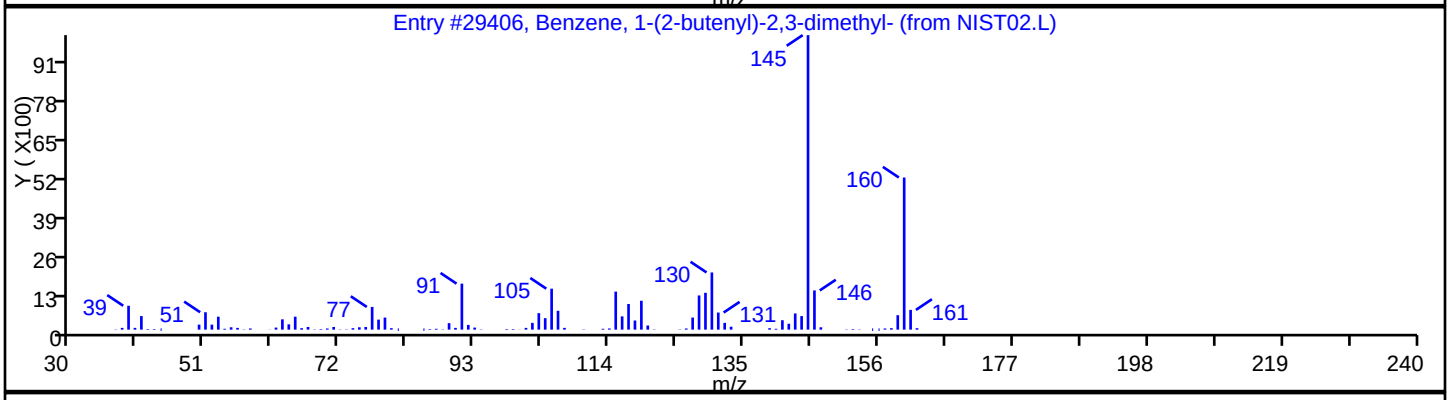
Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D

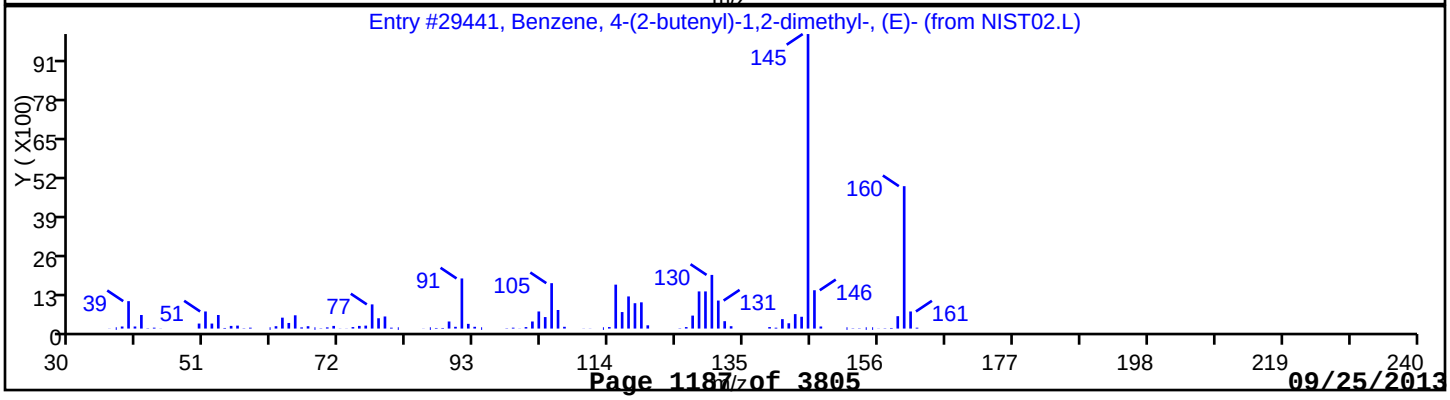
Injection Date:	19-Sep-2013 12:41:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	2613-76-5	NIST02.L	29424	76
Benzene, 1-(2-butenyl)-2,3-dimethyl-	54340-85-1	NIST02.L	29406	74
Benzene, 4-(2-butenyl)-1,2-dimethyl-, (E	54340-86-2	NIST02.L	29441	74









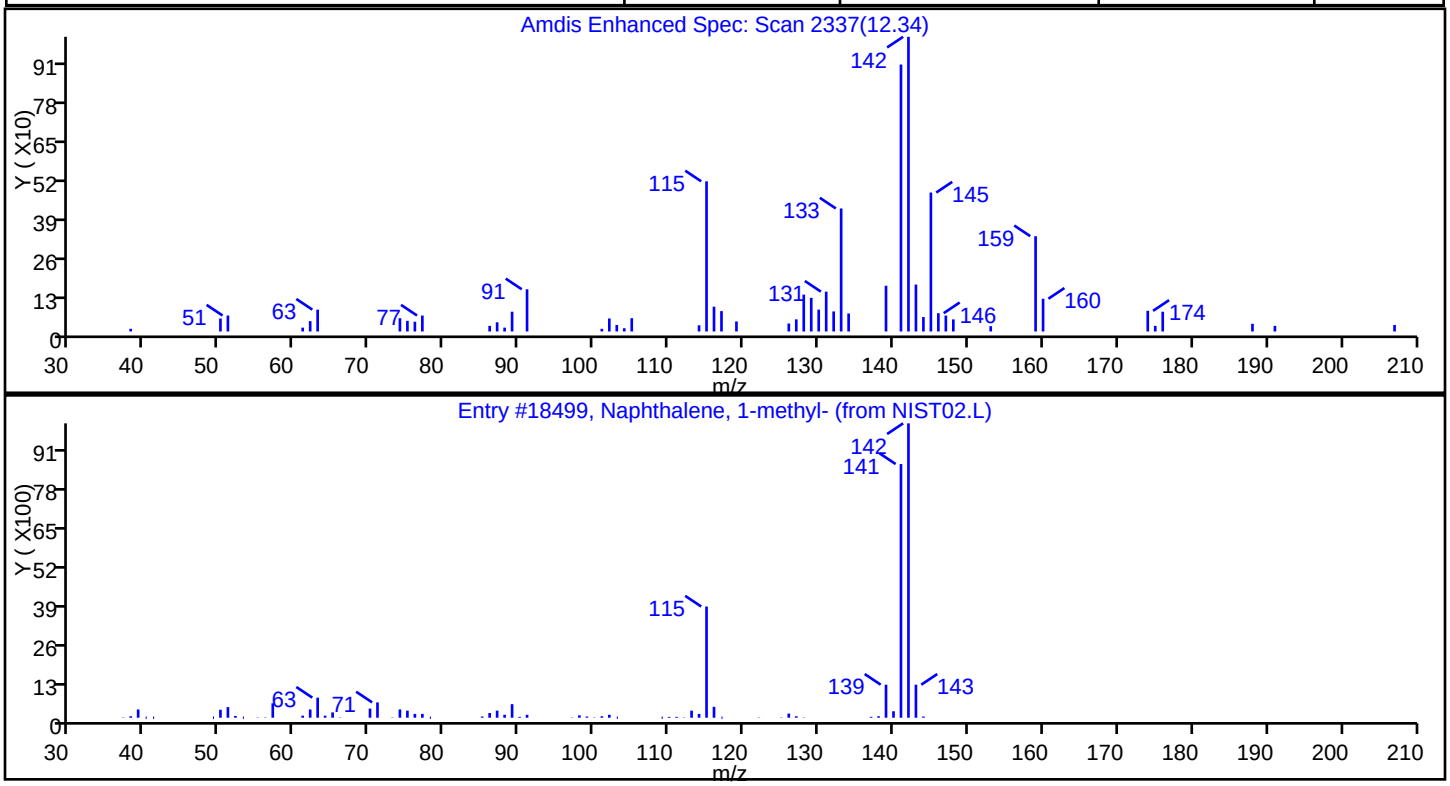
Report Date: 20-Sep-2013 07:12:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D

Injection Date:	19-Sep-2013 12:41:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	23
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	91



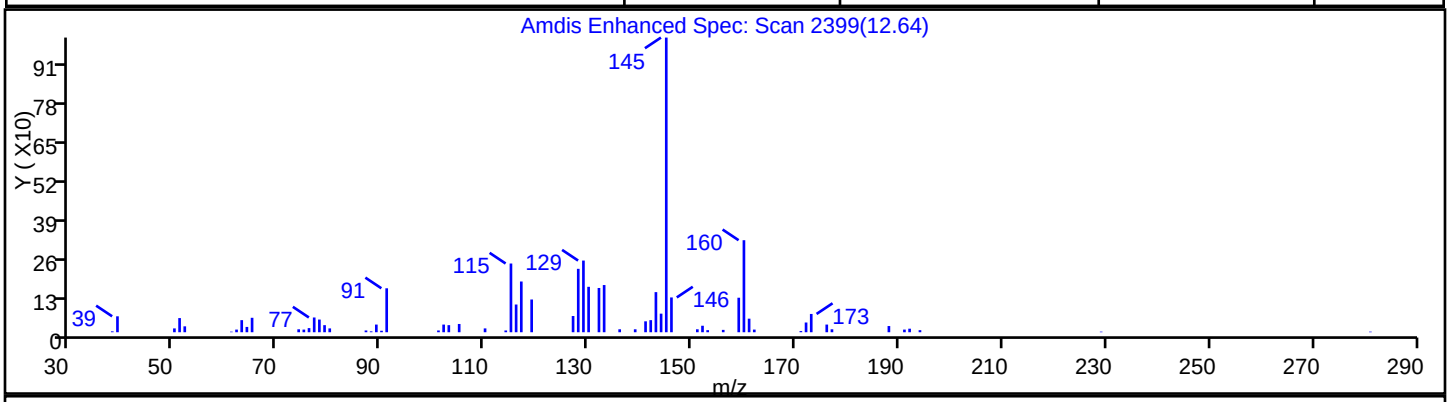
Report Date: 20-Sep-2013 07:12:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

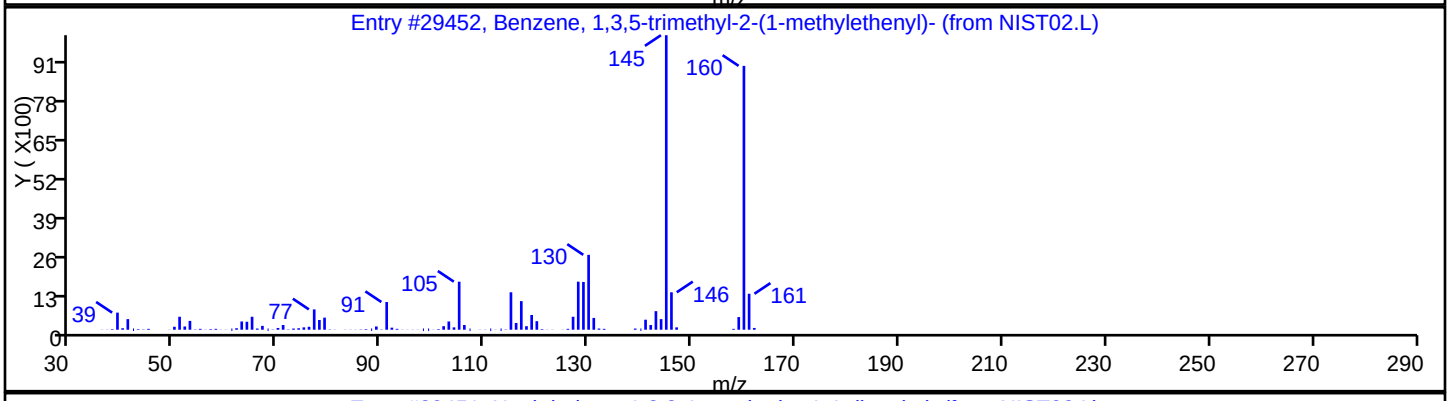
TestAmerica Edison

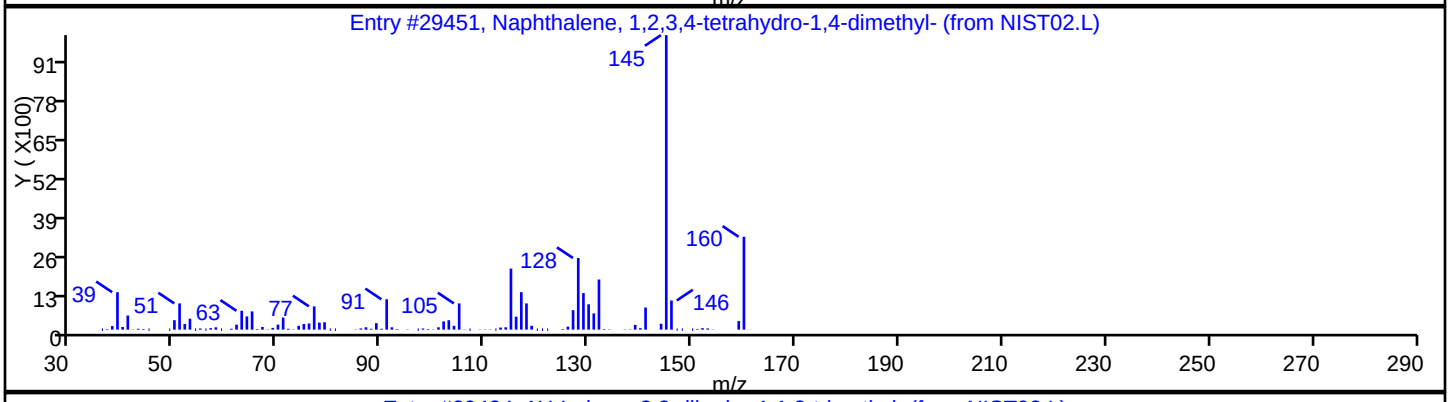
Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363135.D

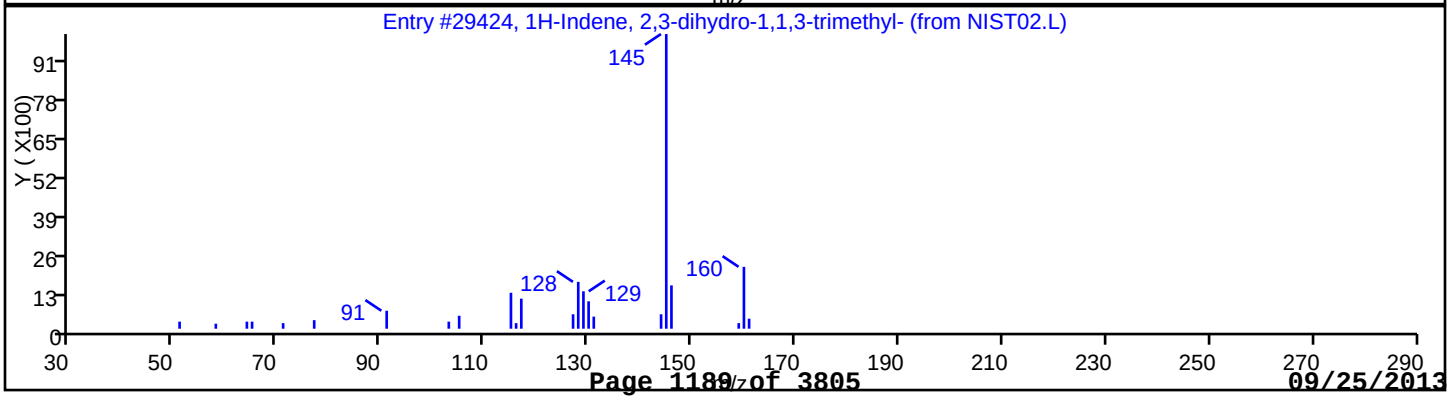
Injection Date:	19-Sep-2013 12:41:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-28SE-SD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1,3,5-trimethyl-2-(1-methylethe	14679-13-1	NIST02.L	29452	90
Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	4175-54-6	NIST02.L	29451	81
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	2613-76-5	NIST02.L	29424	76









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-VD | Lab Sample ID: 460-62968-24

Matrix: Solid | Lab File ID: D363132.D

Analysis Method: 8260B | Date Collected: 09/12/2013 14:00

Sample wt/vol: 6.169(g) | Date Analyzed: 09/19/2013 11:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.8 | Level: (low/med) Low

Analysis Batch No.: 182082 | 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	1.4	U	4.2	1.4
75-15-0	Carbon disulfide	0.13	U	0.84	0.13
75-69-4	Trichlorofluoromethane	0.13	U	0.84	0.13
75-35-4	1,1-Dichloroethene	0.16	U	0.84	0.16
75-34-3	1,1-Dichloroethane	0.093	U	0.84	0.093
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.84	0.11
156-59-2	cis-1,2-Dichloroethene	0.093	U	0.84	0.093
67-66-3	Chloroform	0.20	U	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	0.093	U	0.84	0.093
591-78-6	2-Hexanone	0.11	U	4.2	0.11
1634-04-4	MTBE	0.093	U	0.84	0.093
76-13-1	Freon TF	0.093	U	0.84	0.093
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-VD | Lab Sample ID: 460-62968-24

Matrix: Solid | Lab File ID: D363132.D

Analysis Method: 8260B | Date Collected: 09/12/2013 14:00

Sample wt/vol: 6.169(g) | Date Analyzed: 09/19/2013 11:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.8 | Level: (low/med) Low

Analysis Batch No.: 182082 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.75	J	0.84	0.093
120-82-1	1,2,4-Trichlorobenzene	0.22	J	0.84	0.16
87-61-6	1,2,3-Trichlorobenzene	0.44	J	0.84	0.13
78-87-5	1,2-Dichloropropane	0.13	U	0.84	0.13
108-87-2	Methylcyclohexane	0.084	U	0.84	0.084
127-18-4	Tetrachloroethene	0.10	U	0.84	0.10
1330-20-7	Xylenes, Total	0.56	U	2.5	0.56
96-12-8	1,2-Dibromo-3-Chloropropane	0.37	U	0.84	0.37
79-34-5	1,1,2,2-Tetrachloroethane	0.076	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	0.19	U	0.84	0.19
74-97-5	Bromochloromethane	0.093	U	0.84	0.093
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)	89		70-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
460-00-4	Bromofluorobenzene	105		70-130
1868-53-7	Dibromofluoromethane (Surr)	90		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-VD Lab Sample ID: 460-62968-24

Matrix: Solid Lab File ID: D363132.D

Analysis Method: 8260B Date Collected: 09/12/2013 14:00

Sample wt/vol: 6.169(g) Date Analyzed: 09/19/2013 11:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.8 Level: (low/med) Low

Analysis Batch No.: 182082 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\CVOAMS4\20130919-4794.b\D363132.D		
Lims ID:	460-62968-C-24-A	Client ID:	PMP-9SE-VD
Inject. Date:	19-Sep-2013 11:29:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-C-24-A		
Misc. Info.:	460-0004794-020		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	19
Lims Batch ID:	182082	Lims Sample ID:	20
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\8260S_4.m		
Last Update:	20-Sep-2013 07:08:55	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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:	19-Sep-2013 19:22:57

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.652	2.652	0.0	62	217304	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.726	3.721	0.005	96	185433	44.9	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.174	4.169	0.005	95	194710	44.3	
* 59 Fluorobenzene	96	4.438	4.429	0.009	98	704774	50.0	
* 150 1,4-Dioxane-d8	96	5.406	5.406	0.0	1	18294	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.100	6.104	-0.004	98	724402	53.1	
* 87 Chlorobenzene-d5	117	7.795	7.795	0.0	85	513576	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	91	223554	52.4	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	96	275356	50.0	
117 1,4-Dichlorobenzene	146	9.745	9.750	-0.005	36	10064	0.8902	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	64	2365	0.2562	M
128 1,2,3-Trichlorobenzene	180	11.464	11.464	0.0	45	4219	0.5270	

QC Flag Legend

Review Flags
M - Manually Integrated

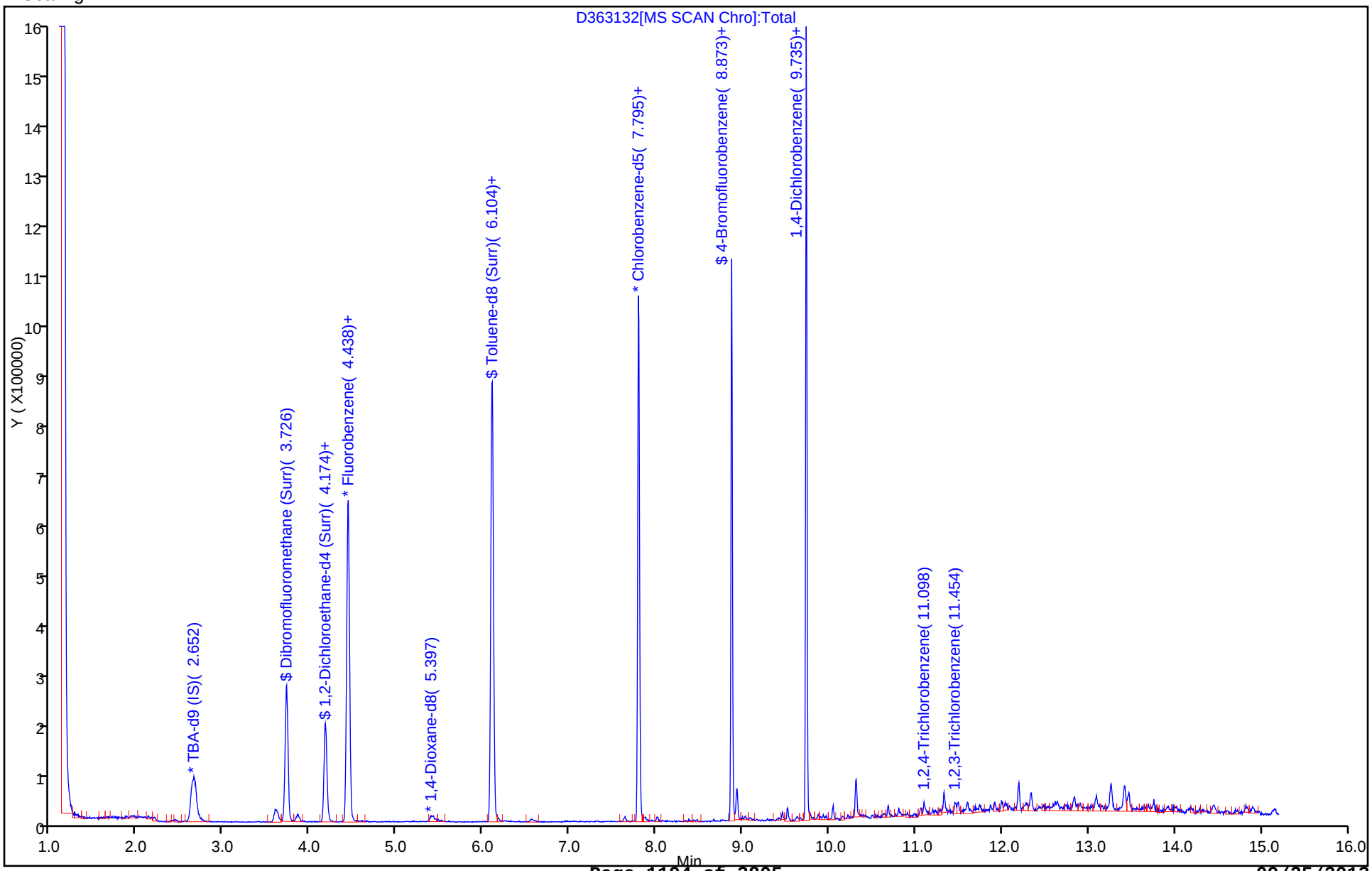
Report Date: 20-Sep-2013 07:08:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363132.D

Injection Date:	19-Sep-2013 11:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



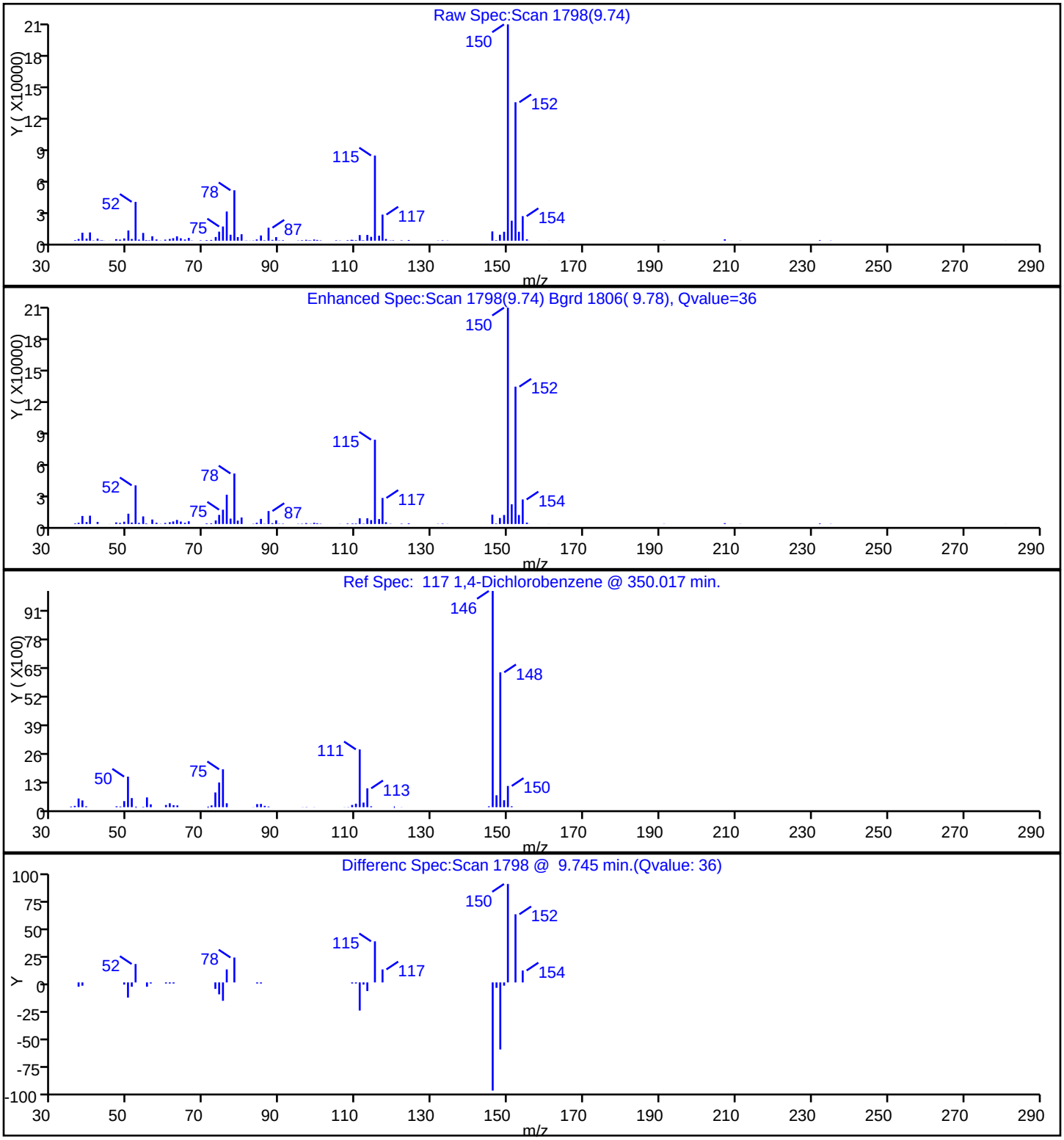
Report Date: 20-Sep-2013 07:08:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363132.D

Injection Date:	19-Sep-2013 11:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



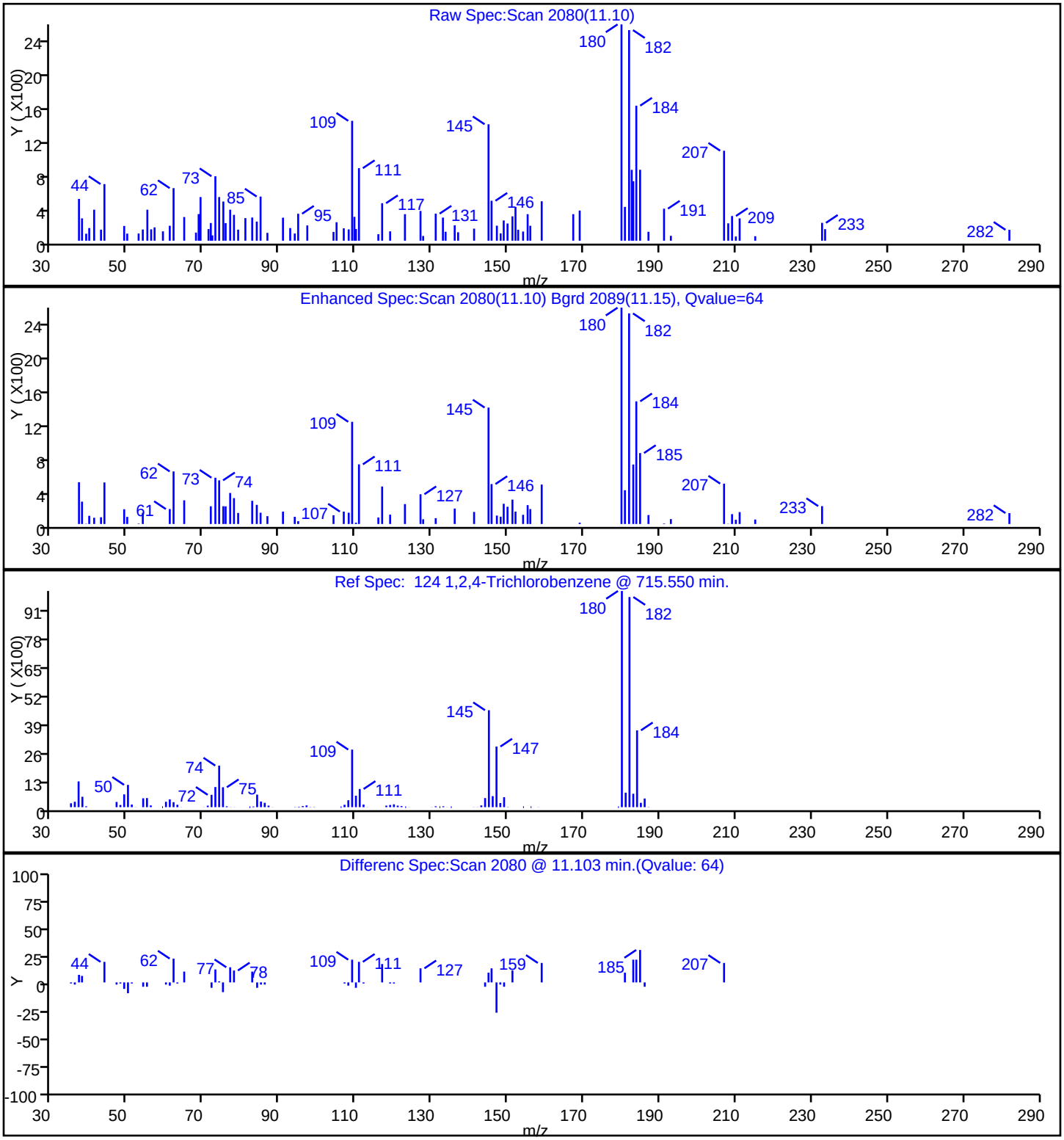
Report Date: 20-Sep-2013 07:08:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363132.D

Injection Date:	19-Sep-2013 11:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene

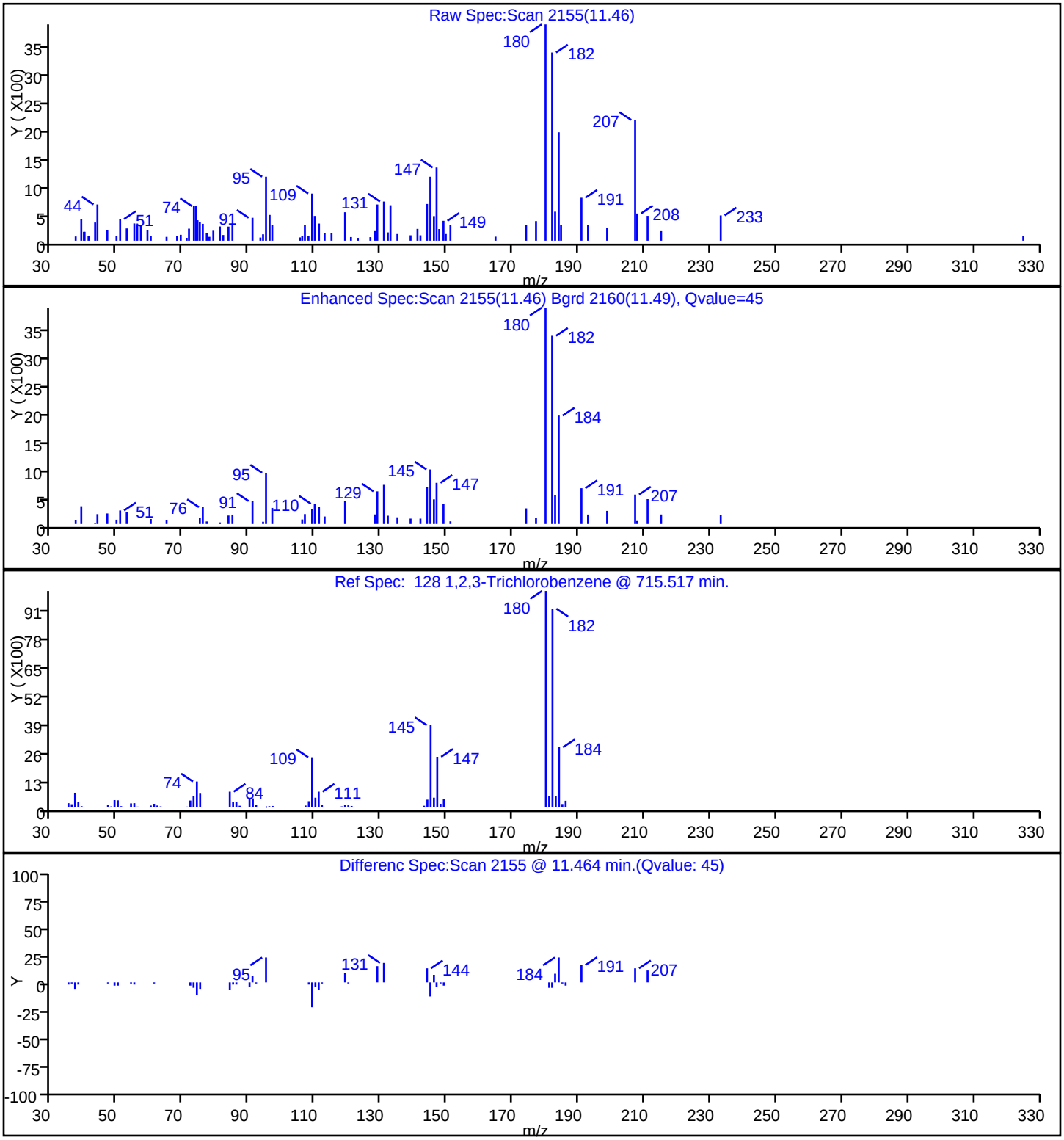


Report Date: 20-Sep-2013 07:08:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363132.D		
Injection Date:	19-Sep-2013 11:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

128 1,2,3-Trichlorobenzene



Manual Integration/User Assign Peak Report

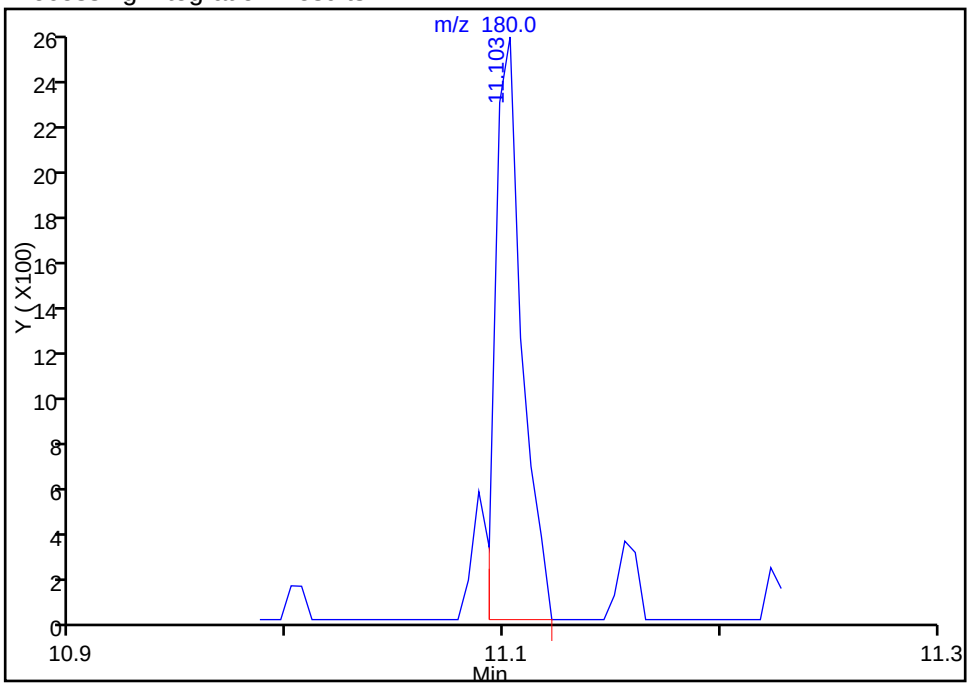
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363132.D		
Injection Date:	19-Sep-2013 11:29:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	20
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene, Signal: 1, m/z: 180.0 Type: quant, RT: 11.10

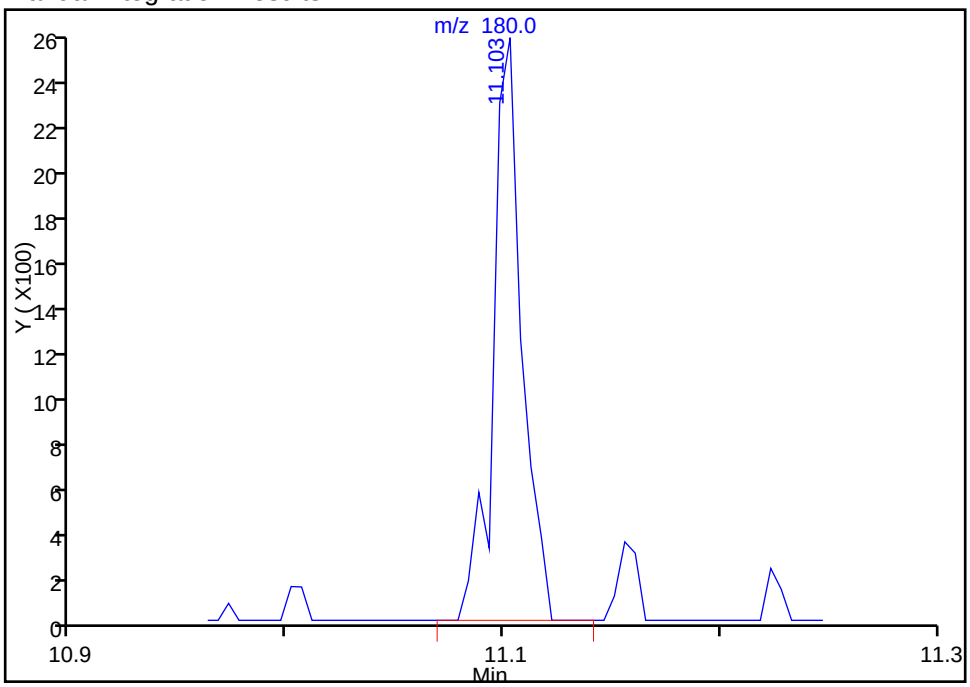
Processing Integration Results

RT: 11.10
Response: 2152
Amount: 0.233123



Manual Integration Results

RT: 11.10
Response: 2365
Amount: 0.256197



Reviewer: delpolitov, 20-Sep-2013 07:08:55
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-WT | Lab Sample ID: 460-62968-25

Matrix: Solid | Lab File ID: D363106.D

Analysis Method: 8260B | Date Collected: 09/12/2013 14:05

Sample wt/vol: 6.205(g) | Date Analyzed: 09/18/2013 22:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.9 | Level: (low/med) Low

Analysis Batch No.: 182028 | 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	0.52	J	0.94	0.14
67-64-1	Acetone	1.6	U *	4.7	1.6
75-15-0	Carbon disulfide	0.83	J	0.94	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.94	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.94	0.18
75-34-3	1,1-Dichloroethane	0.10	U	0.94	0.10
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.94	0.12
156-59-2	cis-1,2-Dichloroethene	0.38	J	0.94	0.10
67-66-3	Chloroform	24		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-WT | Lab Sample ID: 460-62968-25

Matrix: Solid | Lab File ID: D363106.D

Analysis Method: 8260B | Date Collected: 09/12/2013 14:05

Sample wt/vol: 6.205(g) | Date Analyzed: 09/18/2013 22:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.9 | Level: (low/med) Low

Analysis Batch No.: 182028 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.58	J	0.94	0.10
120-82-1	1,2,4-Trichlorobenzene	0.57	J	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	0.48	J	0.94	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	97		70-130
1868-53-7	Dibromofluoromethane (Surr)	113		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-WT Lab Sample ID: 460-62968-25

Matrix: Solid Lab File ID: D363106.D

Analysis Method: 8260B Date Collected: 09/12/2013 14:05

Sample wt/vol: 6.205(g) Date Analyzed: 09/18/2013 22:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.9 Level: (low/med) Low

Analysis Batch No.: 182028 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 59.6

CAS NO.	COMPOUND NAME	RT	RESULT	Q
4696-30-4	1-Butene, 4-methoxy	9.52	5.7	J N
112-40-3	Dodecane	10.68	6.5	J N
1000111-72-1	trans,trans-1,6-Dimethylspiro[4.5]decane	10.80	5.0	J N
	Unknown	11.07	5.8	J
629-82-3	Octane, 1,1'-oxybis-	11.20	4.9	J N
629-50-5	Tridecane	11.34	5.1	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	12.31	10	J N
17302-01-1	3-Ethyl-3-methylheptane	12.61	5.2	J N
629-62-9	Pentadecane	12.90	5.8	J N
	Unknown	13.23	5.6	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D
Lims ID: 460-62968-B-25-A
Client ID: PMP-9SE-WT
Inject. Date: 18-Sep-2013 22:28:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-62968-B-25-A
Misc. Info.: 460-0004780-021
Operator:
Instrument ID: CVOAMS4
Purge Vol: 5.000 mL
ALS Bottle#: 20
Lims Batch ID: 182028
Lims Sample ID: 21
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\8260S_4.m
Last Update: 20-Sep-2013 10:12:26
Calib Date: 05-Sep-2013 06:32:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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 10:12:26

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
21 Carbon disulfide	76	2.031	2.012	0.020	59	14519	0.8882	M
25 Methylene Chloride	84	2.392	2.377	0.015	52	2742	0.5557	
* 151 TBA-d9 (IS)	65	2.652	2.652	0.0	64	272211	1000.0	
42 cis-1,2-Dichloroethene	96	3.350	3.341	0.009	32	2221	0.4098	
47 Chloroform	83	3.576	3.567	0.009	93	268270	26.1	
$ 152 Dibromofluoromethane (Surr)	113	3.726	3.721	0.005	93	224835	56.4	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.178	4.164	0.014	96	224813	53.0	
* 59 Fluorobenzene	96	4.438	4.429	0.009	98	680371	50.0	
70 Dichlorobromomethane	83	5.199	5.194	0.005	1	3548	0.5104	M
* 150 1,4-Dioxane-d8	96	5.411	5.406	0.005	1	22876	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.105	6.100	0.005	98	823197	49.0	
* 87 Chlorobenzene-d5	117	7.795	7.795	0.0	85	632358	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	90	261613	48.5	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	96	348365	50.0	
117 1,4-Dichlorobenzene	146	9.750	9.745	0.005	44	8841	0.6182	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	53	7100	0.6079	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D		
Lims ID:	460-62968-B-25-A	Client ID:	PMP-9SE-WT
Inject. Date:	18-Sep-2013 22:28:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-B-25-A		
Misc. Info.:	460-0004780-021		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	20
Lims Batch ID:	182028	Lims Sample ID:	21
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\8260S_4.m		
Last Update:	20-Sep-2013 10:12:26	Calib Date:	05-Sep-2013 06:32:30
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 10:12:26

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	4696-30-4	1-Butene, 4-methoxy				
9.523	254840	6.04	116	43	1722	
	112-40-3	Dodecane				
10.679	294218	6.97	116	81	36159	
	1000111-72-1	trans,trans-1,6-Dimethylspiro[4.5]decane				
10.804	224770	5.33	116	89	33346	
		Unknown				
11.069	259351	6.15	116			
	629-82-3	Octane, 1,1'-oxybis-				
11.199	220247	5.22	116	50	83809	
	629-50-5	Tridecane				
11.339	229596	5.44	116	90	45543	
	80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal				
12.311	450959	10.7	116	64	61716	
	17302-01-1	3-Ethyl-3-methylheptane				
12.610	235924	5.59	116	50	18463	
	629-62-9	Pentadecane				
12.899	263652	6.25	116	93	64574	
		Unknown				
13.226	251730	5.97	116			

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	9.735	2109765	50.0

QC Flag Legend

Processing Flags

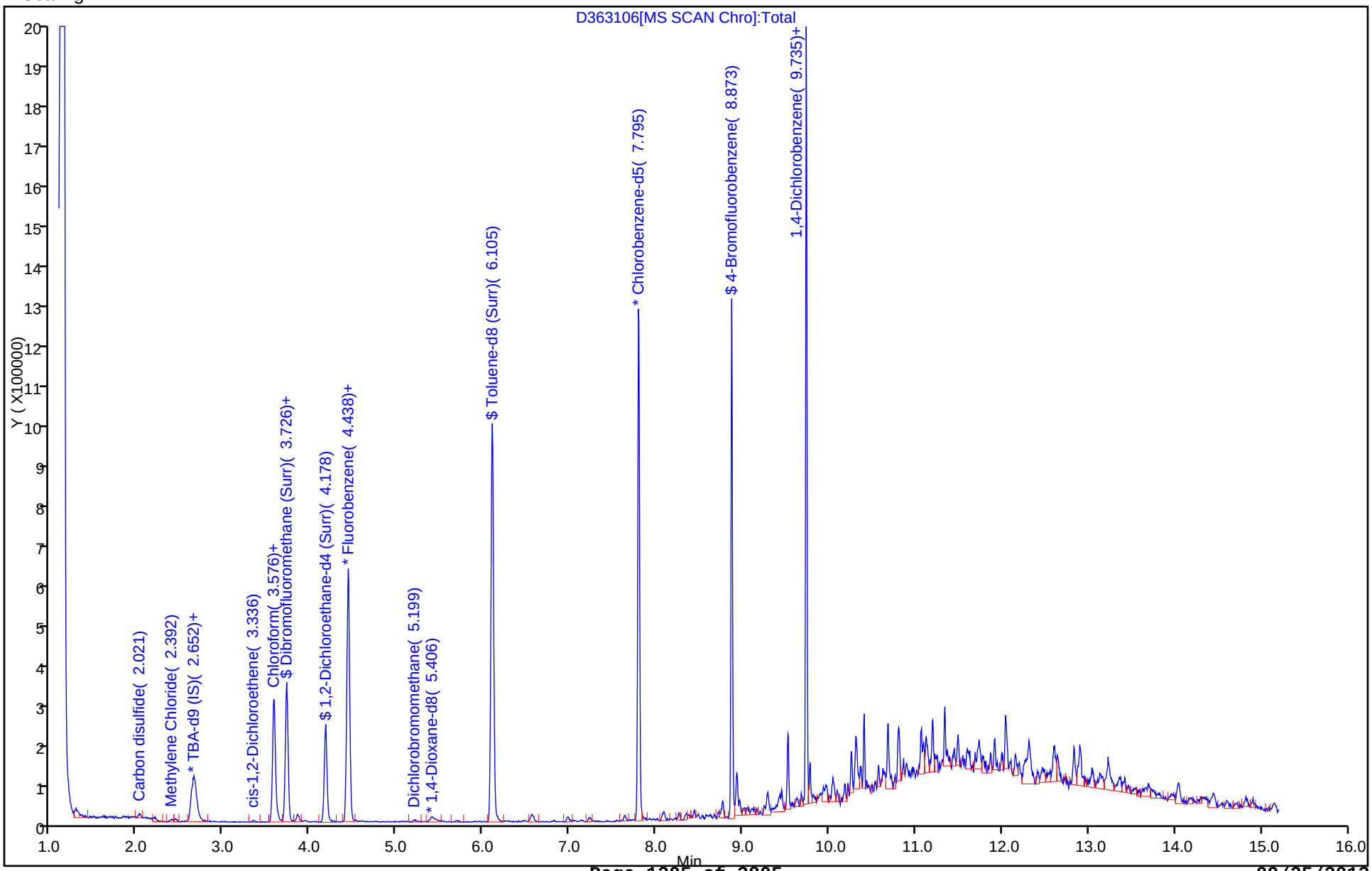
Report Date: 20-Sep-2013 10:12:26 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D

Injection Date:	18-Sep-2013 22:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



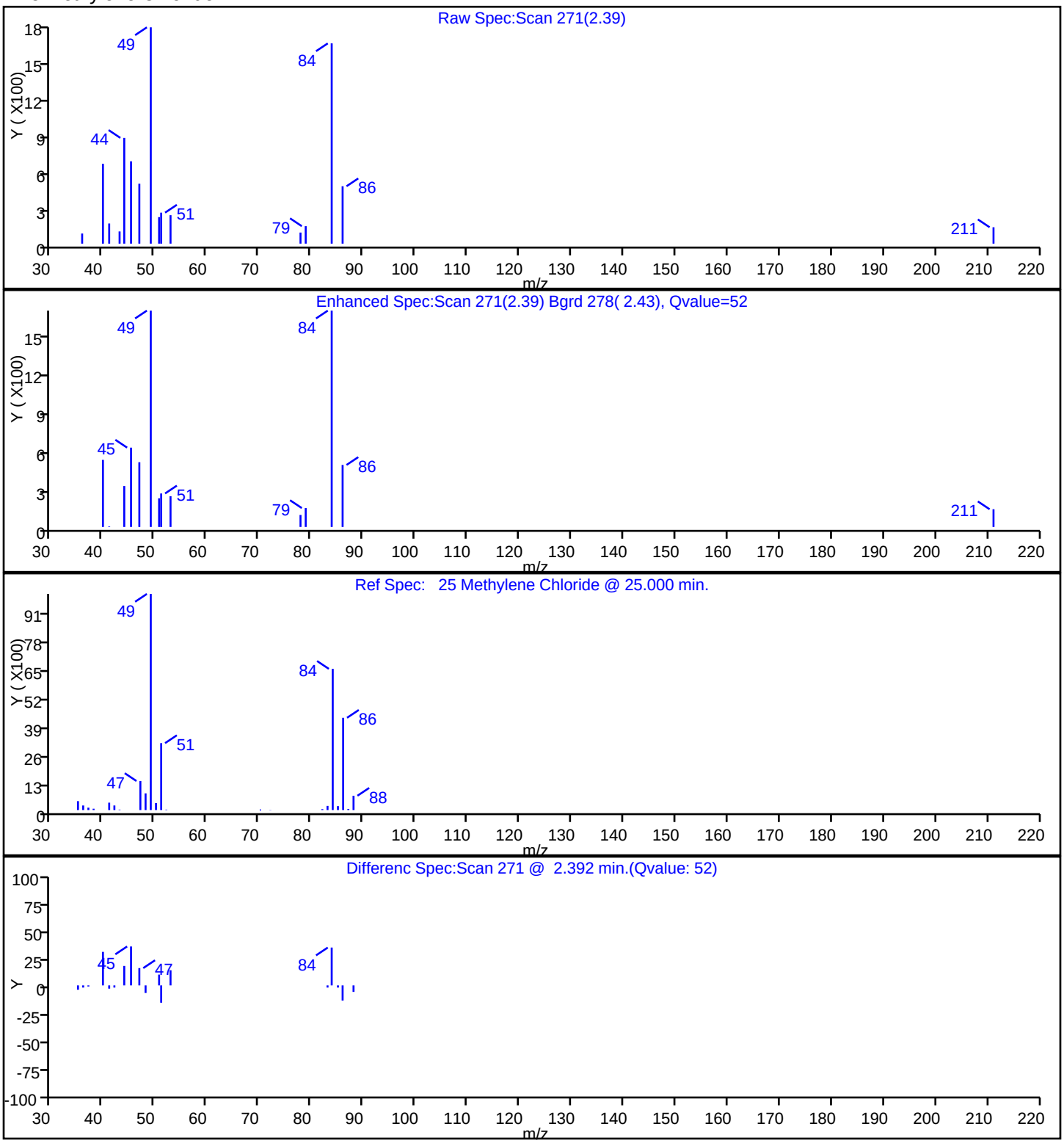
Report Date: 20-Sep-2013 10:12:26 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D

Injection Date:	18-Sep-2013 22:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

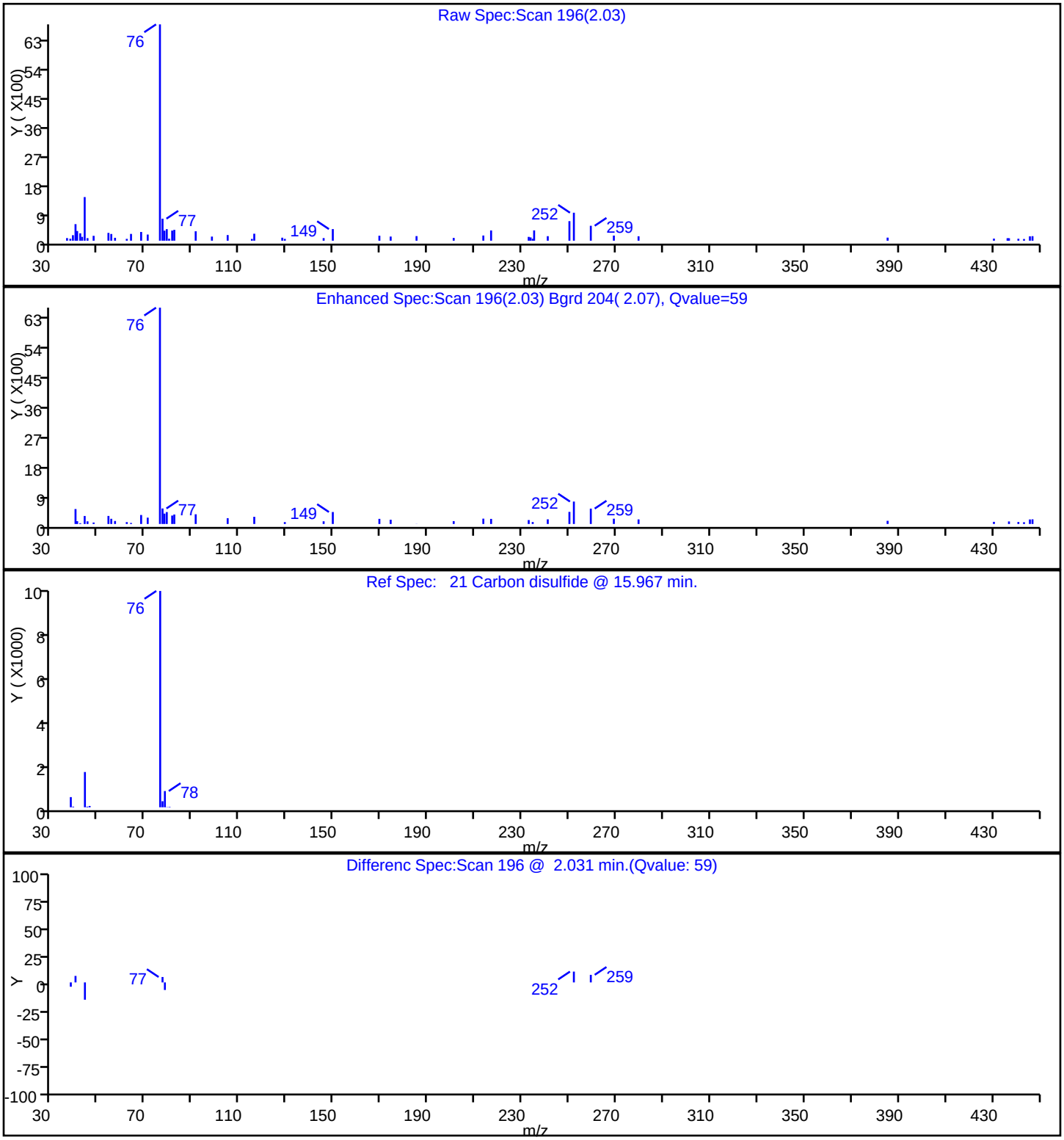
25 Methylene Chloride



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D		
Injection Date:	18-Sep-2013 22:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

21 Carbon disulfide



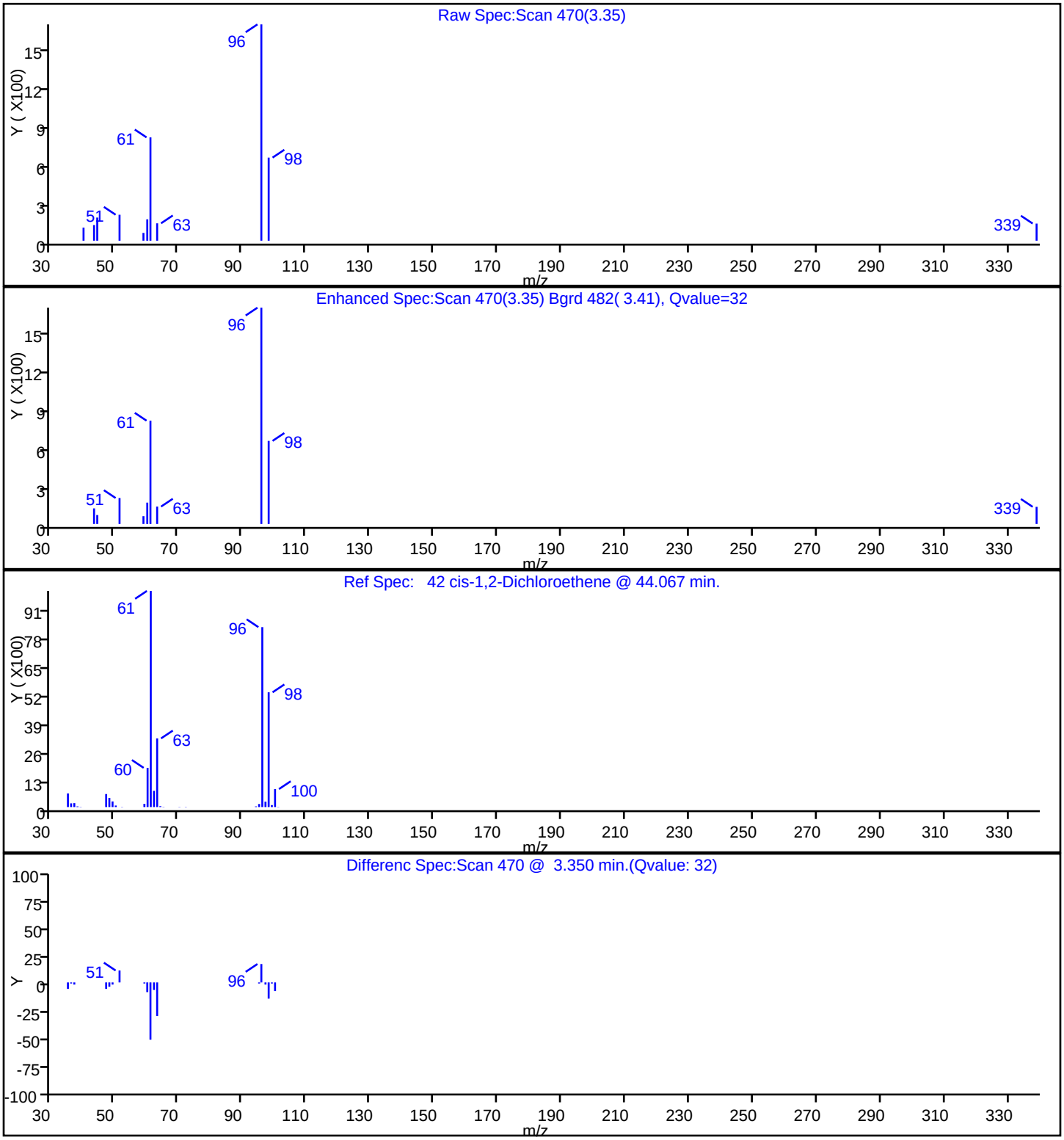
Report Date: 20-Sep-2013 10:12:26 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D

Injection Date:	18-Sep-2013 22:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

42 cis-1,2-Dichloroethene



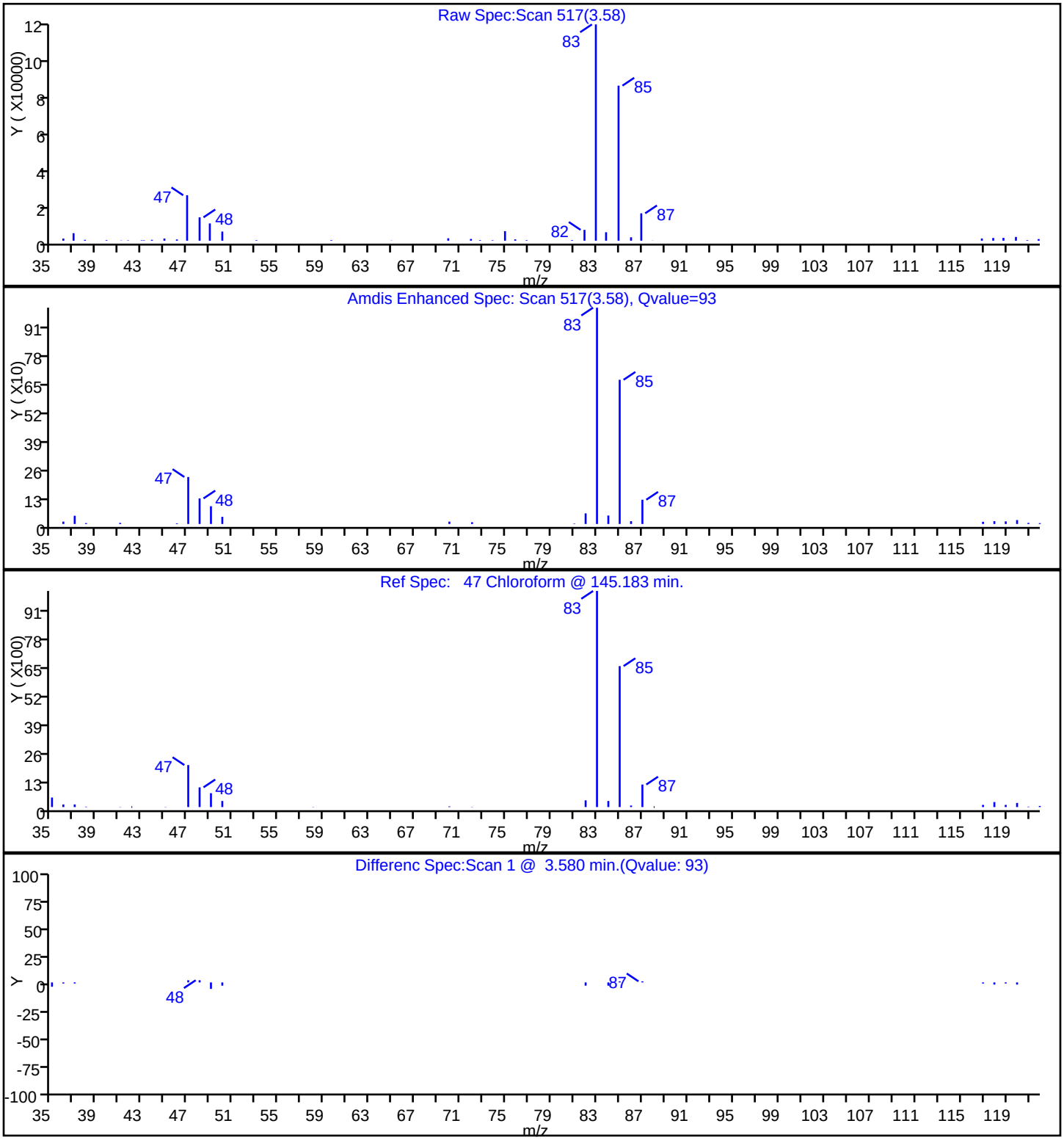
Report Date: 20-Sep-2013 10:12:26 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D

Injection Date:	18-Sep-2013 22:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



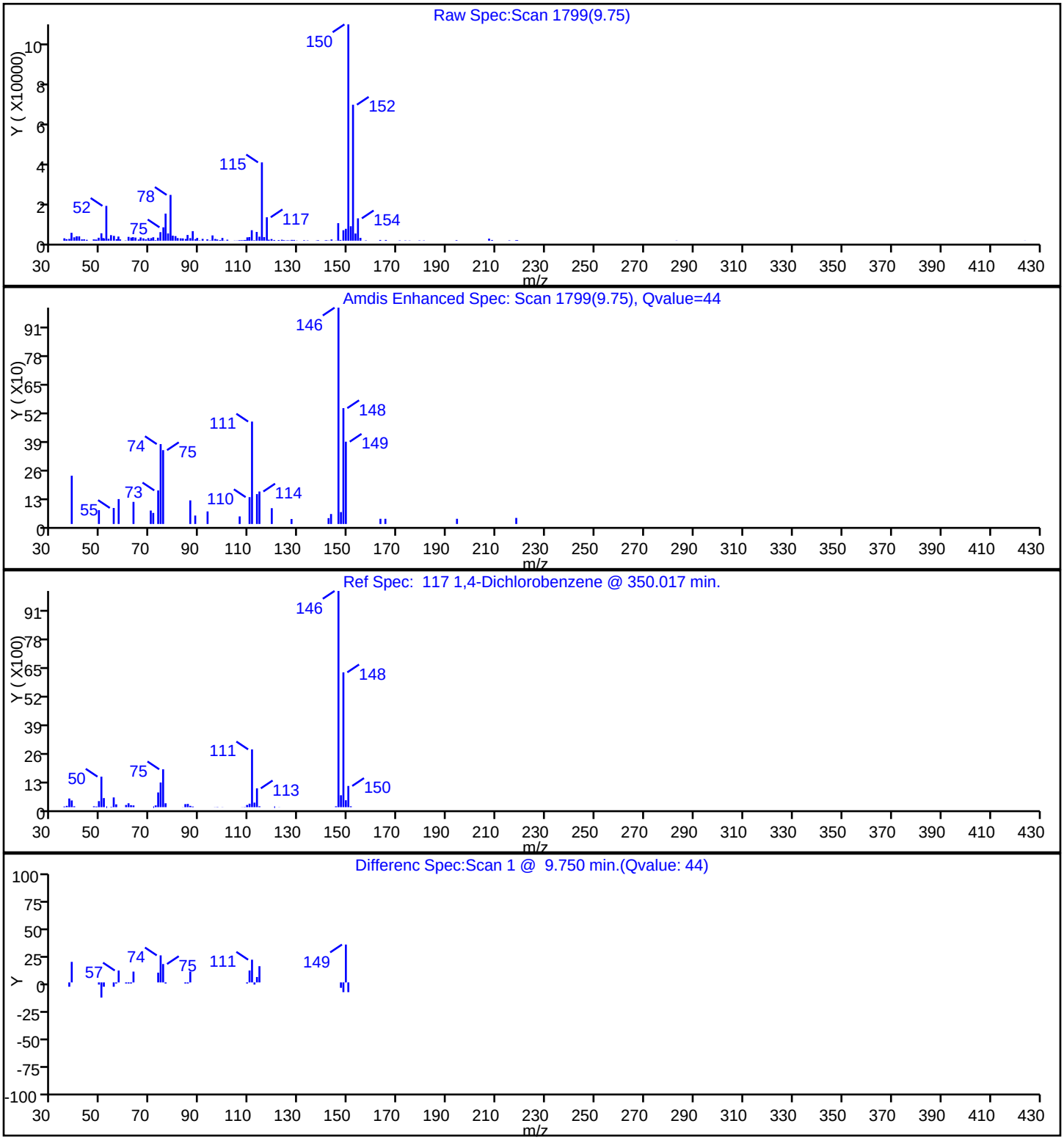
Report Date: 20-Sep-2013 10:12:26 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D

Injection Date:	18-Sep-2013 22:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



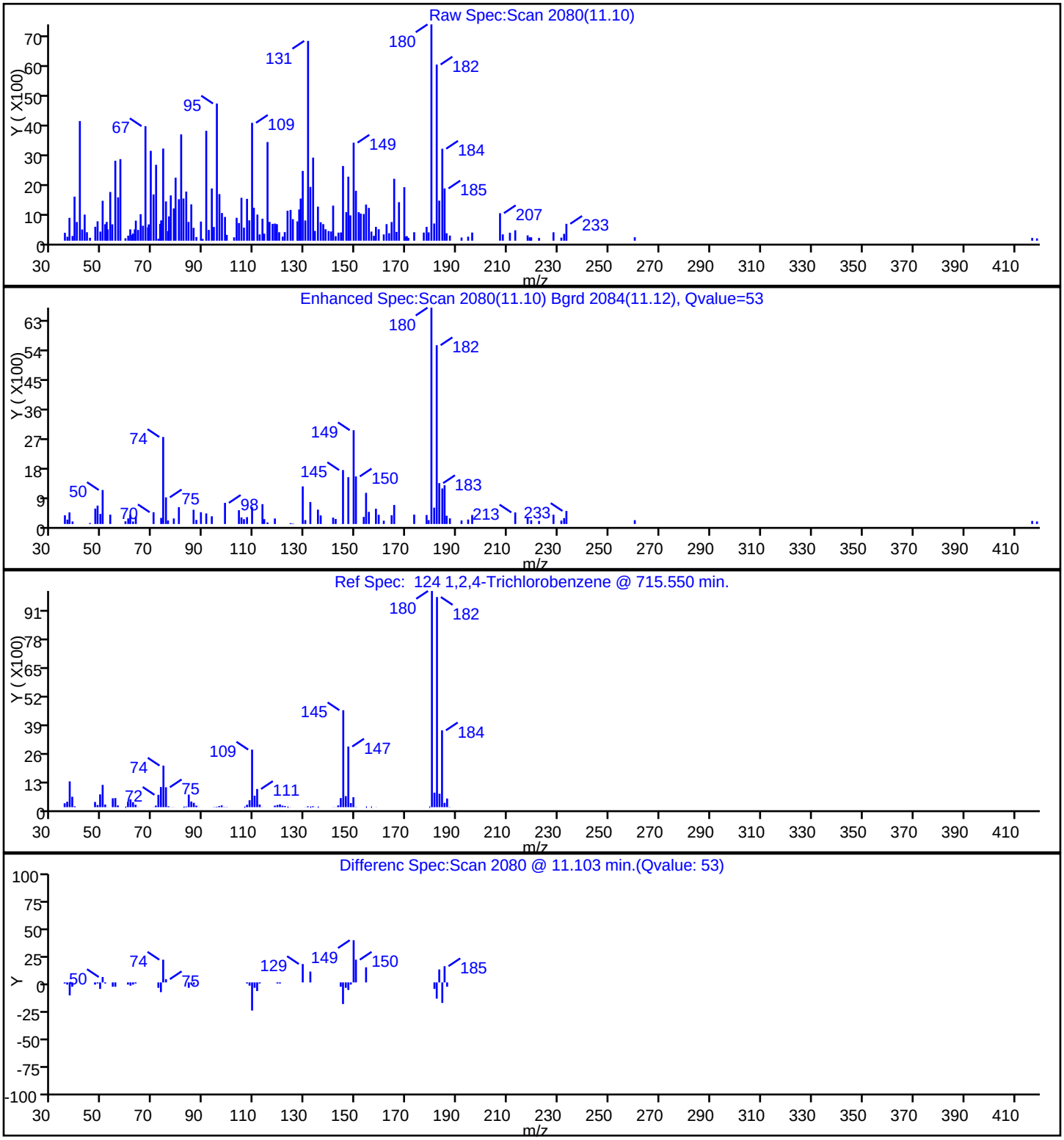
Report Date: 20-Sep-2013 10:12:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D

Injection Date:	18-Sep-2013 22:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



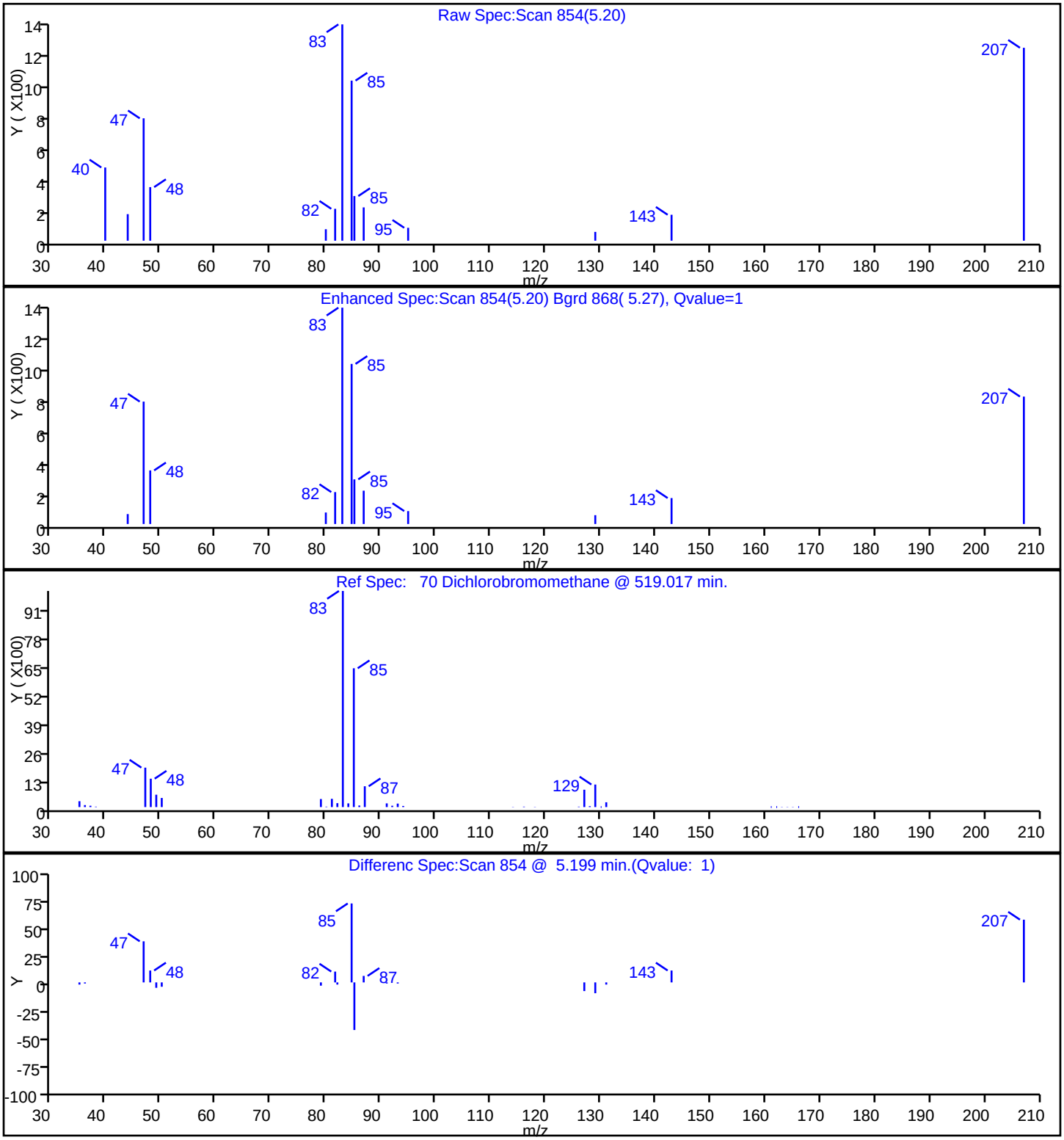
Report Date: 20-Sep-2013 10:12:26 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D

Injection Date:	18-Sep-2013 22:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

70 Dichlorobromomethane



Manual Integration/User Assign Peak Report

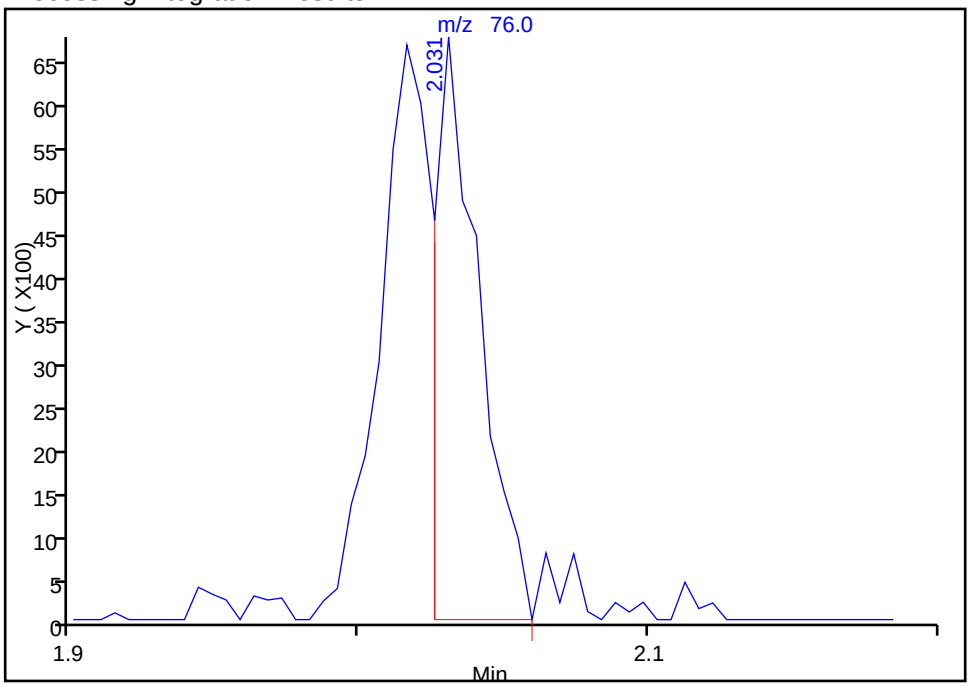
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D		
Injection Date:	18-Sep-2013 22:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

21 Carbon disulfide, Signal: 1, m/z: 76.0 Type: quant, RT: 2.01

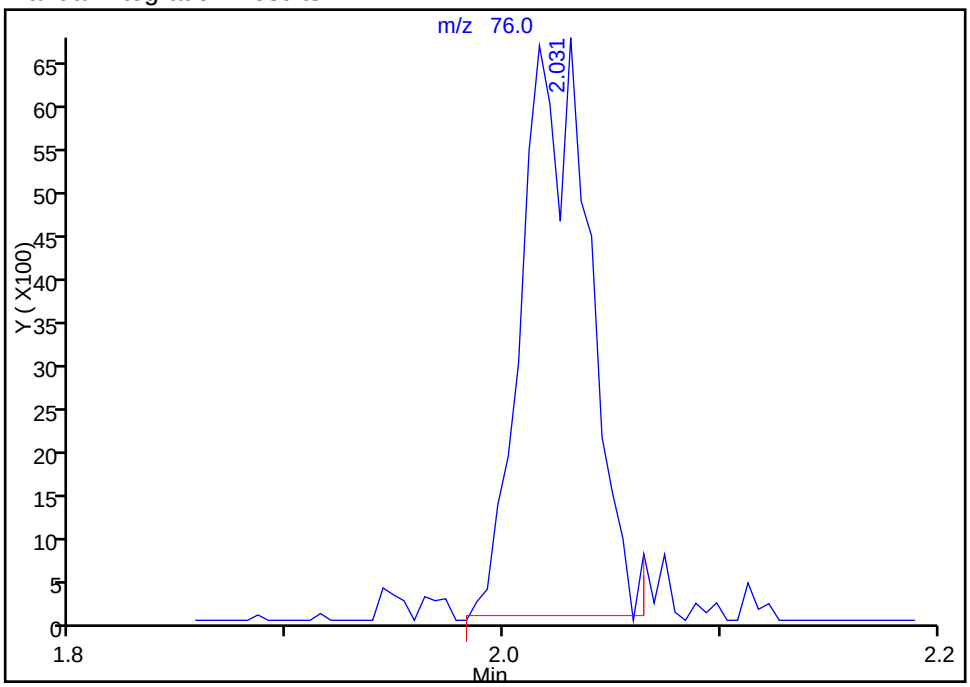
Processing Integration Results

RT: 2.03
Response: 7343
Amount: 0.449183



Manual Integration Results

RT: 2.03
Response: 14519
Amount: 0.888150



Reviewer: tupayachia, 19-Sep-2013 11:39:08
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

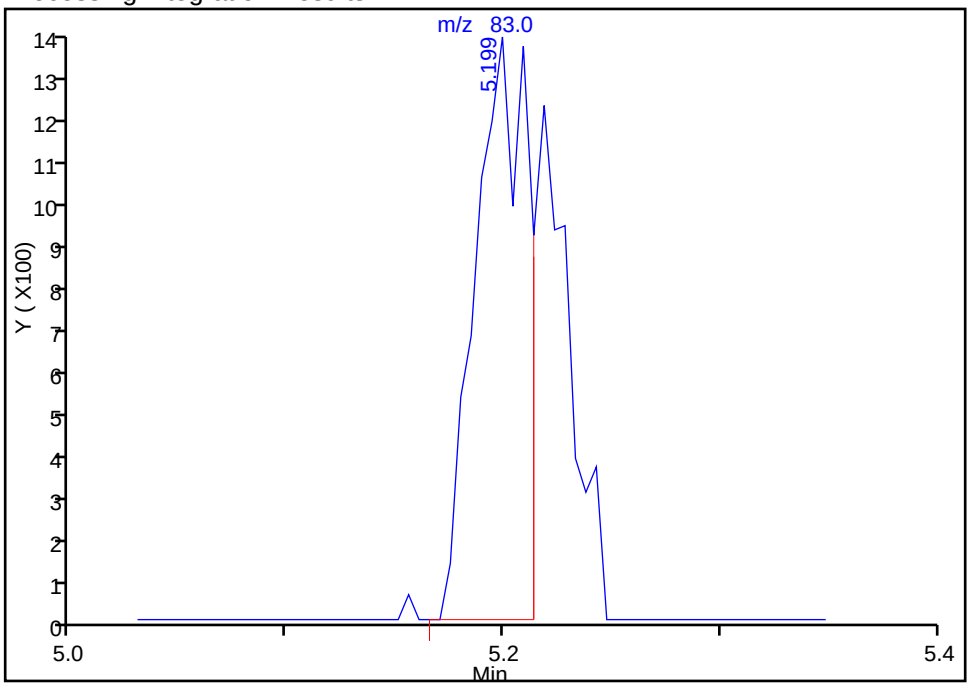
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D		
Injection Date:	18-Sep-2013 22:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

70 Dichlorobromomethane, Signal: 1, m/z: 83.0 Type: quant, RT: 5.19

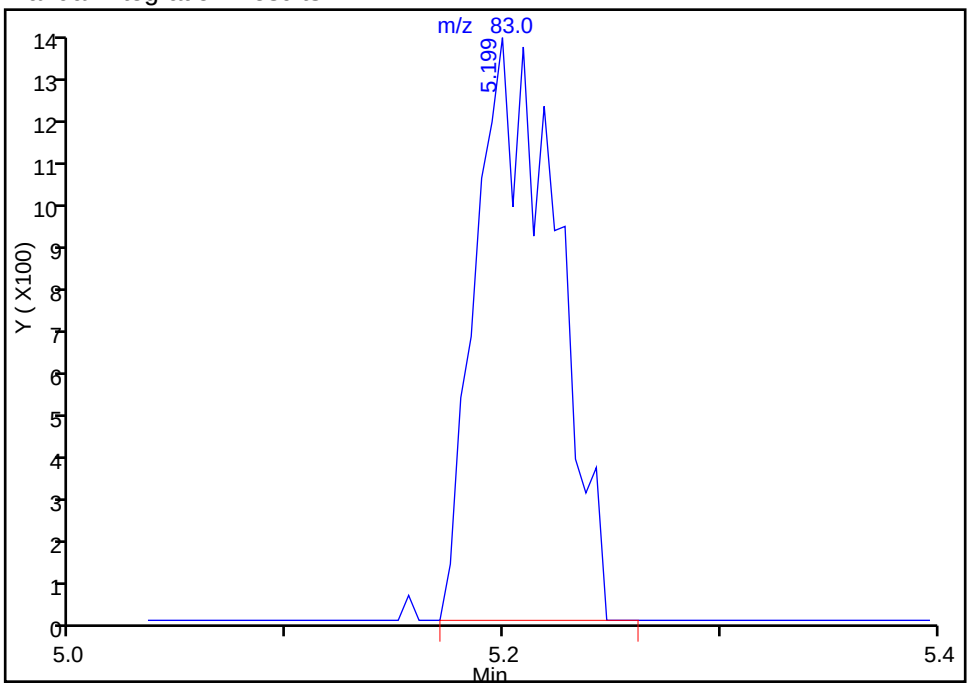
Processing Integration Results

RT: 5.20
Response: 2360
Amount: 0.339475



Manual Integration Results

RT: 5.20
Response: 3548
Amount: 0.510363



Reviewer: delpolitov, 20-Sep-2013 10:10:56
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

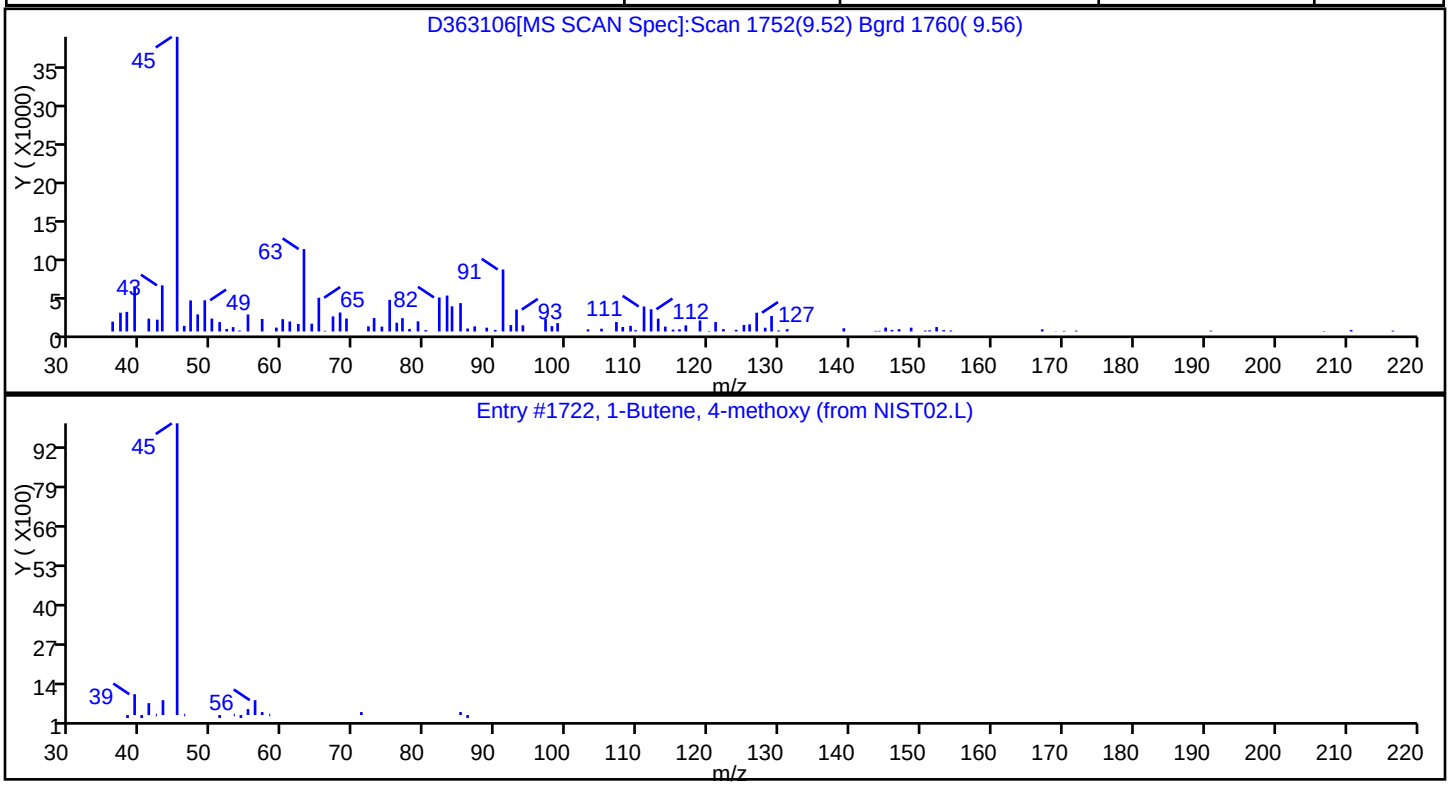
Report Date: 20-Sep-2013 10:12:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D

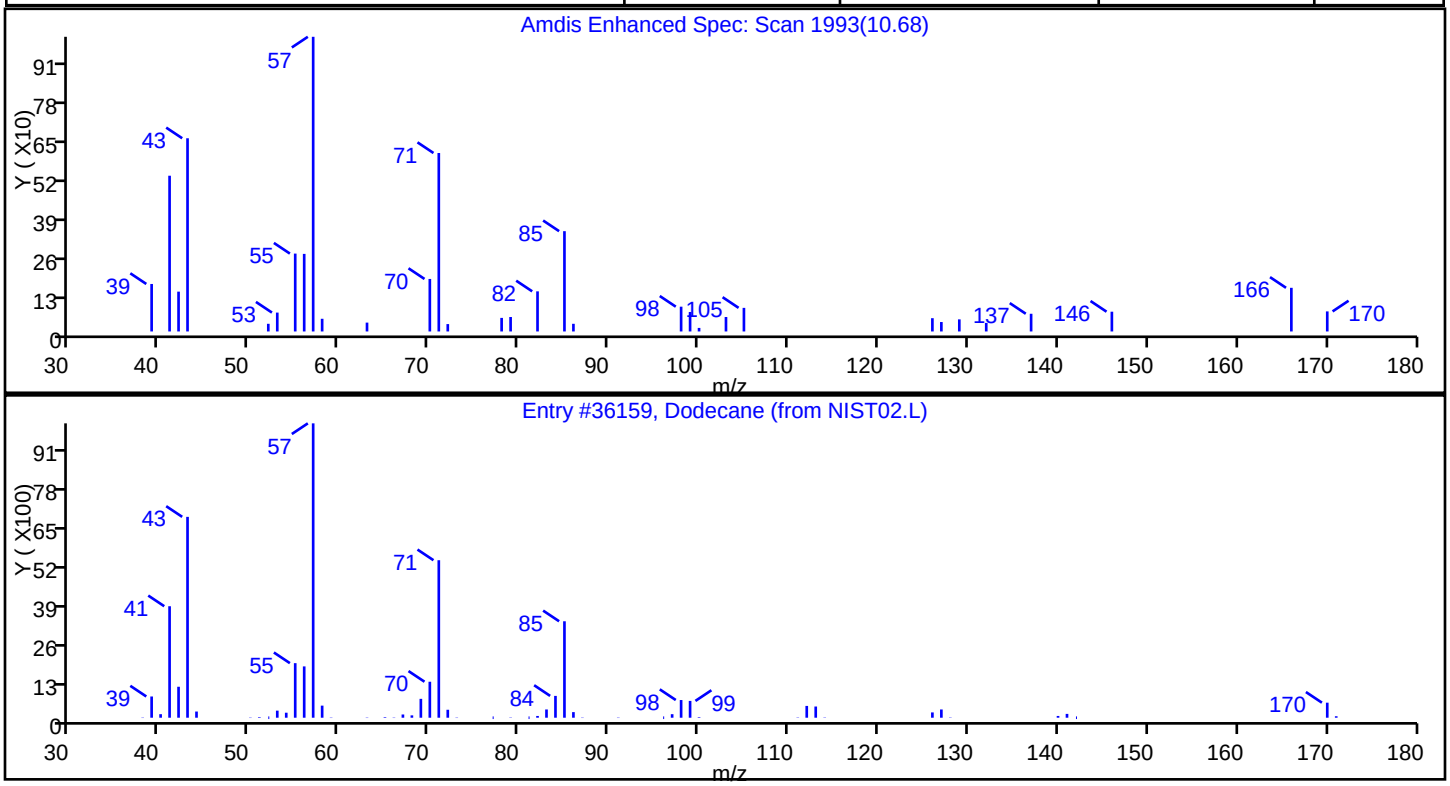
Injection Date:	18-Sep-2013 22:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1-Butene, 4-methoxy	4696-30-4	NIST02.L	1722	43



Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D
Injection Date: 18-Sep-2013 22:28:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-9SE-WT Instrument ID: CVOAMS4
Lims Batch ID: 182028 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
Dodecane	112-40-3	NIST02.L	36159	81



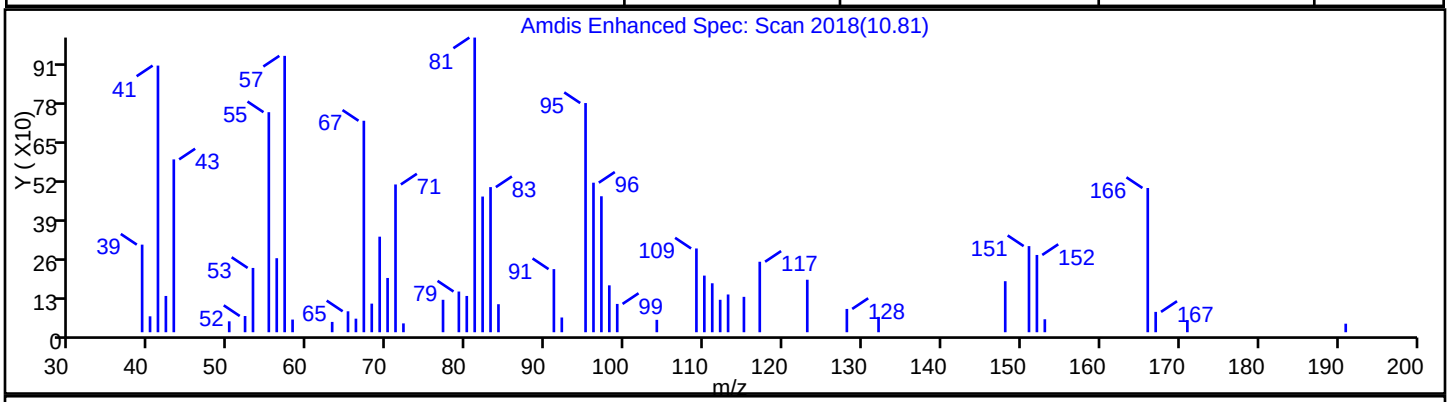
Report Date: 20-Sep-2013 10:12:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

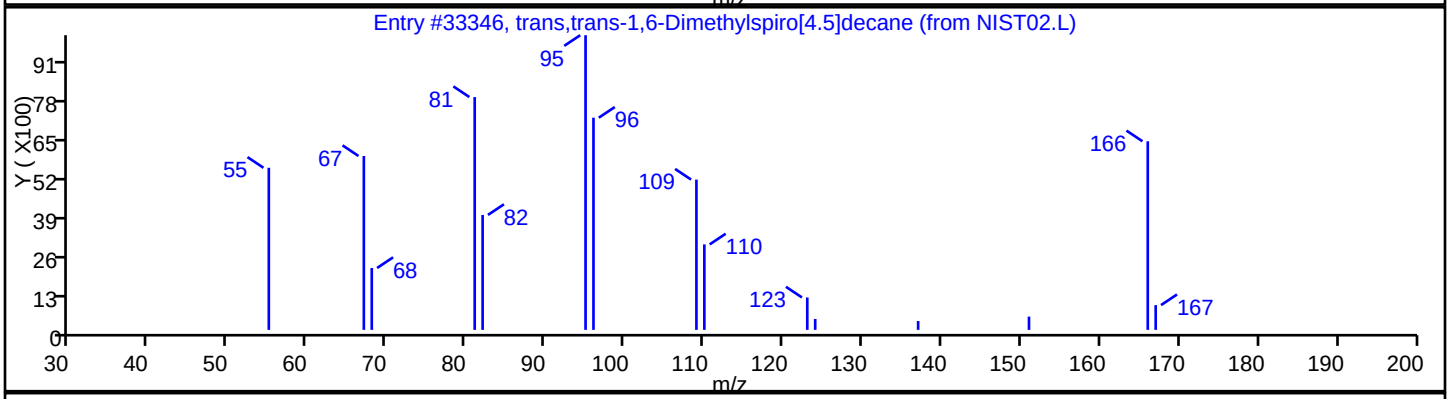
TestAmerica Edison

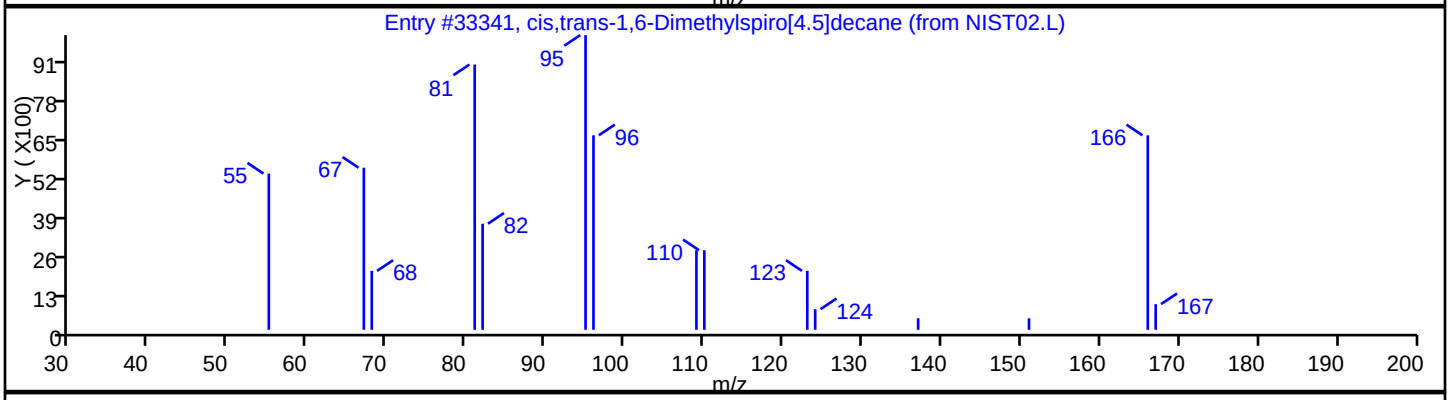
Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D

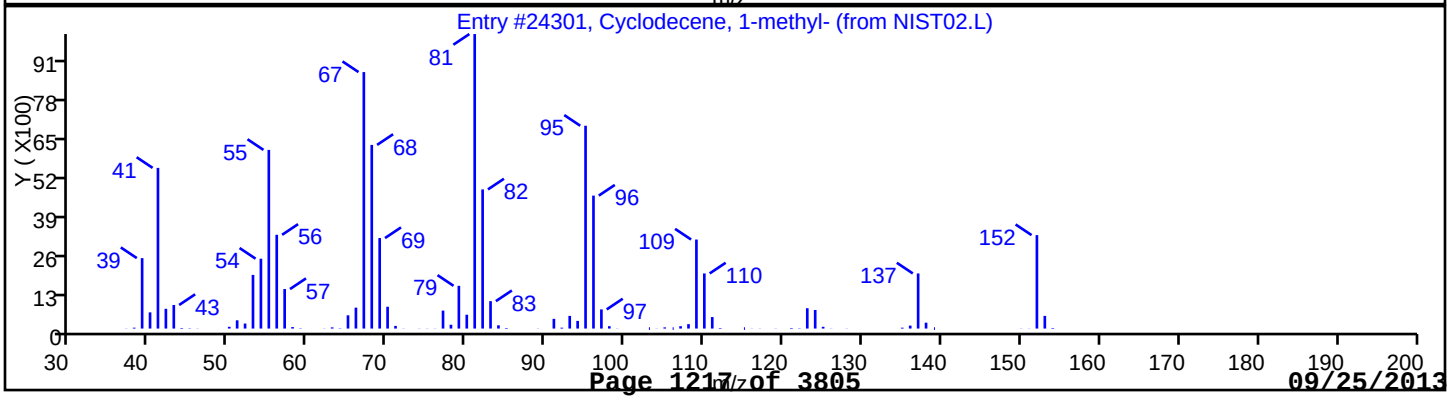
Injection Date:	18-Sep-2013 22:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
trans,trans-1,6-Dimethylspiro[4.5]decane	1000111-72-1	NIST02.L	33346	89
cis,trans-1,6-Dimethylspiro[4.5]decane	1000111-72-3	NIST02.L	33341	86
Cyclodecene, 1-methyl-	66633-38-3	NIST02.L	24301	83







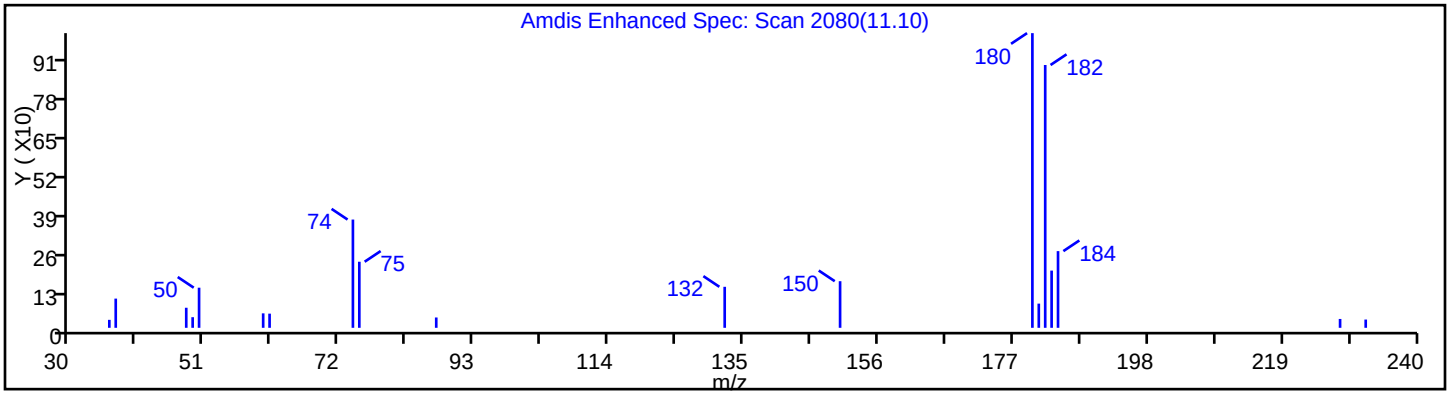


Report Date: 20-Sep-2013 10:12:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D		
Injection Date:	18-Sep-2013 22:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

No Library Matches Found above the Threshold: 40



Report Date: 20-Sep-2013 10:12:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D

Injection Date: 18-Sep-2013 22:28:30 Limit Group: VOA - 8260B Water and Solid

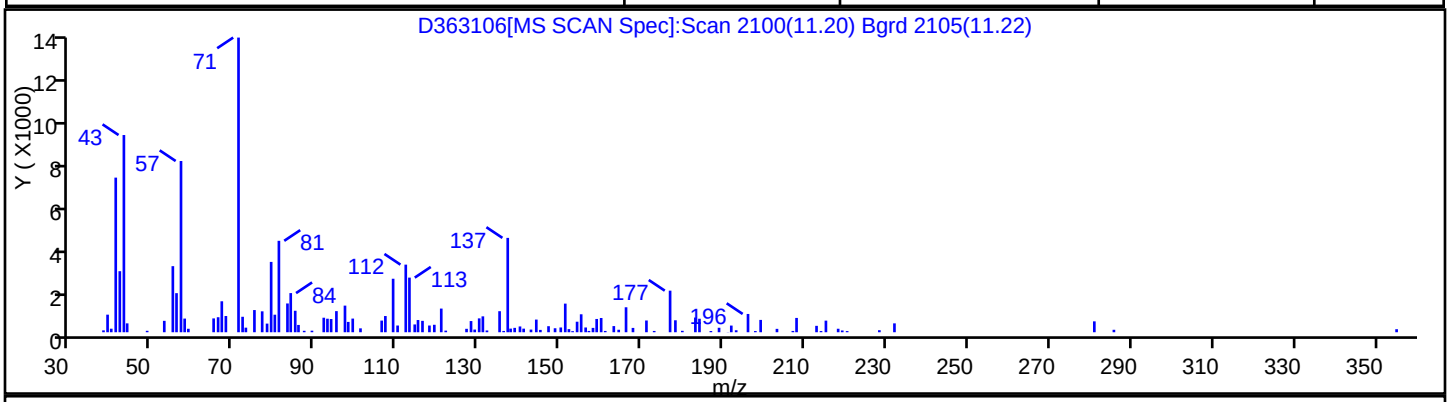
Client ID: PMP-9SE-WT Instrument ID: CVOAMS4

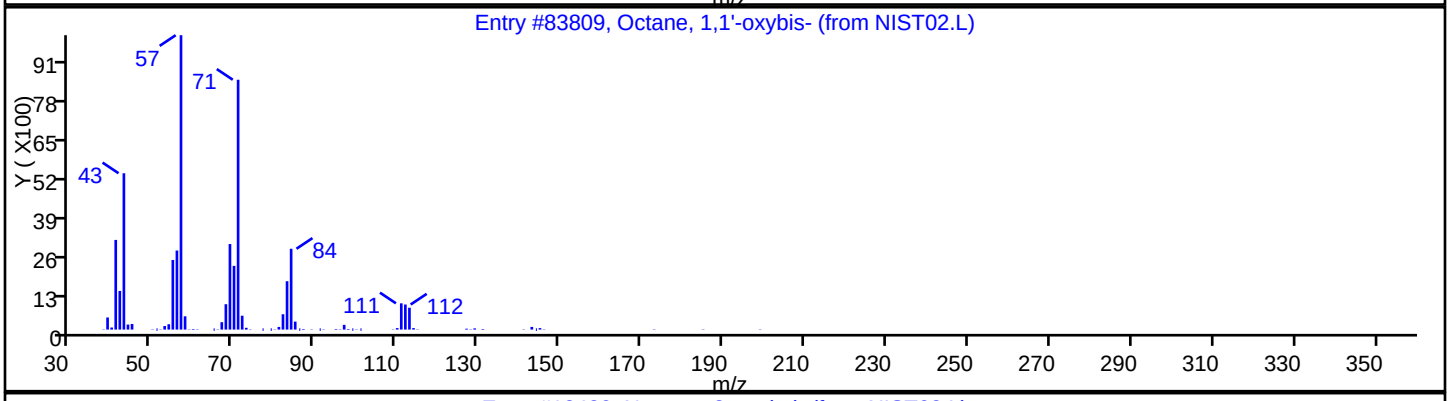
Lims Batch ID: 182028 Lims Sample ID: 21

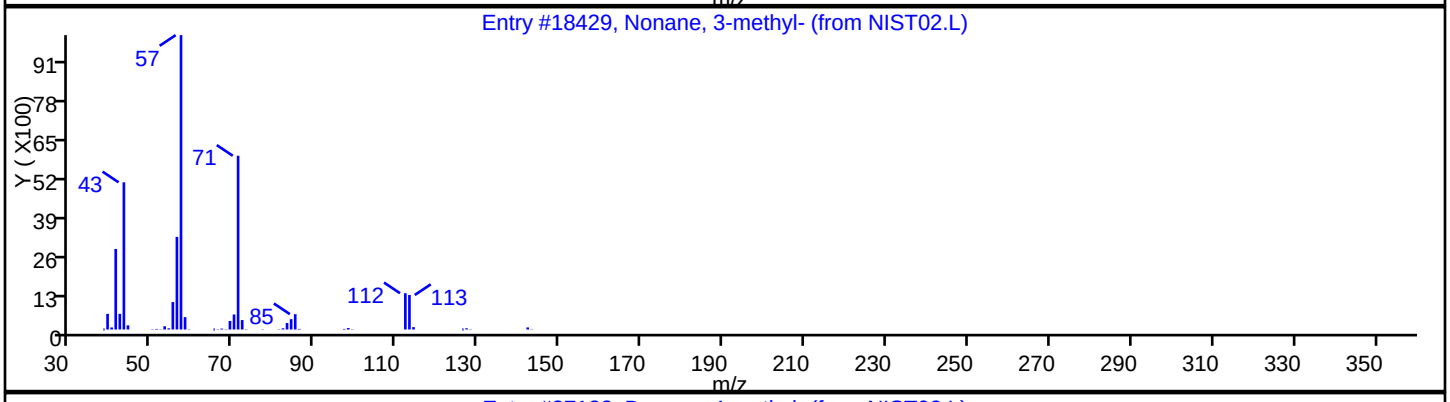
Operator ID: Purge Vol: 5.000 mL

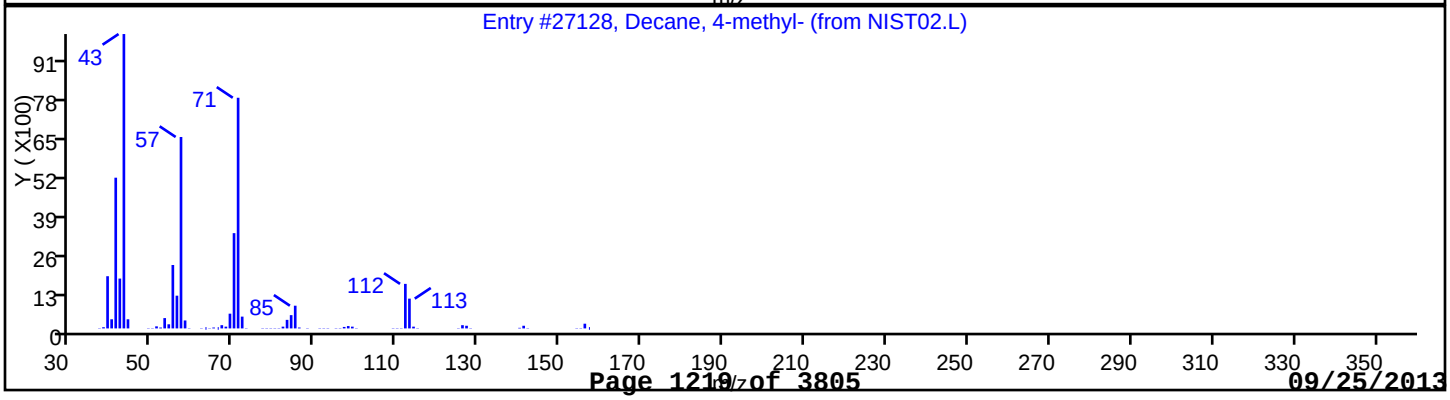
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Octane, 1,1'-oxybis-	629-82-3	NIST02.L	83809	50
Nonane, 3-methyl-	5911-04-6	NIST02.L	18429	50
Decane, 4-methyl-	2847-72-5	NIST02.L	27128	46









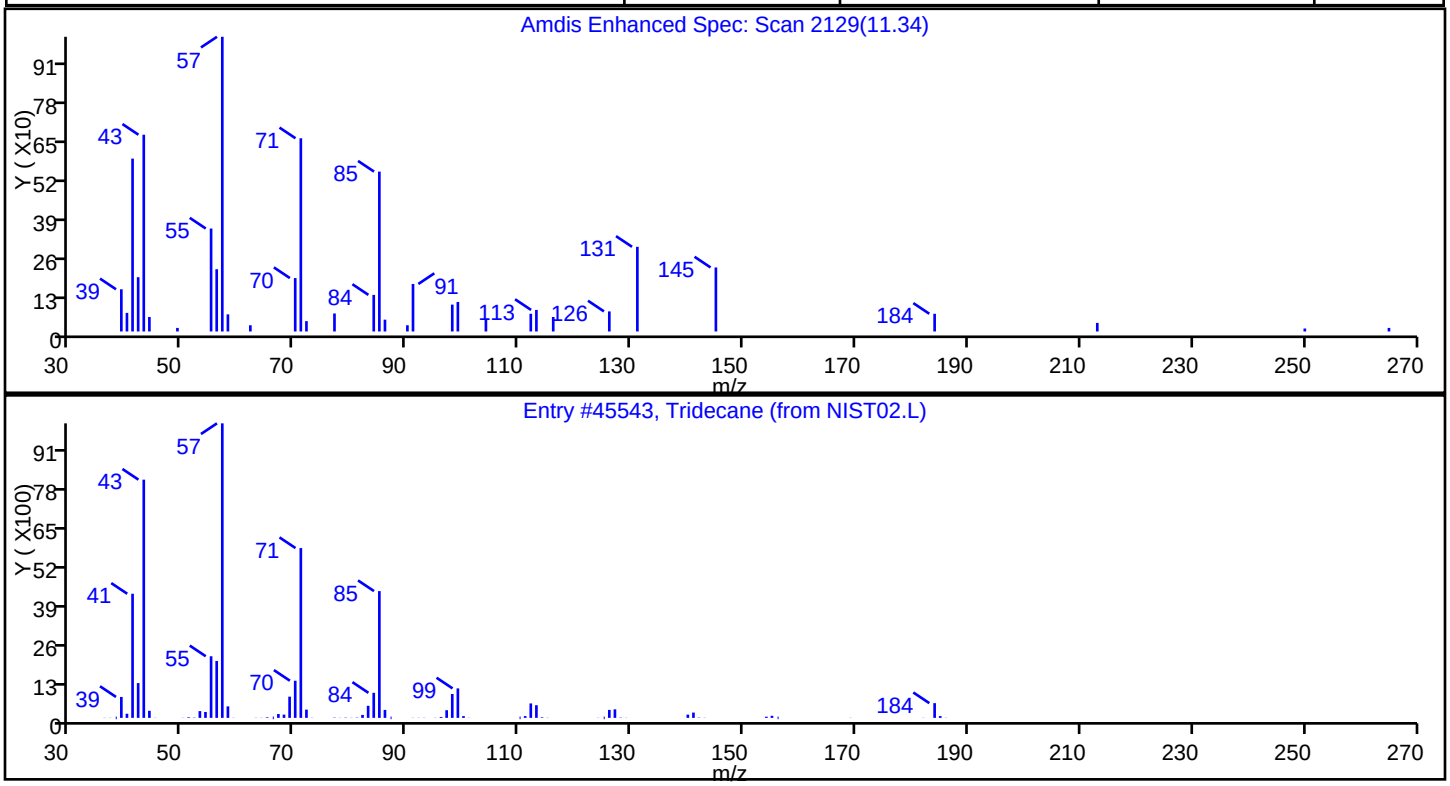
Report Date: 20-Sep-2013 10:12:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D

Injection Date:	18-Sep-2013 22:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	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
Tridecane	629-50-5	NIST02.L	45543	90

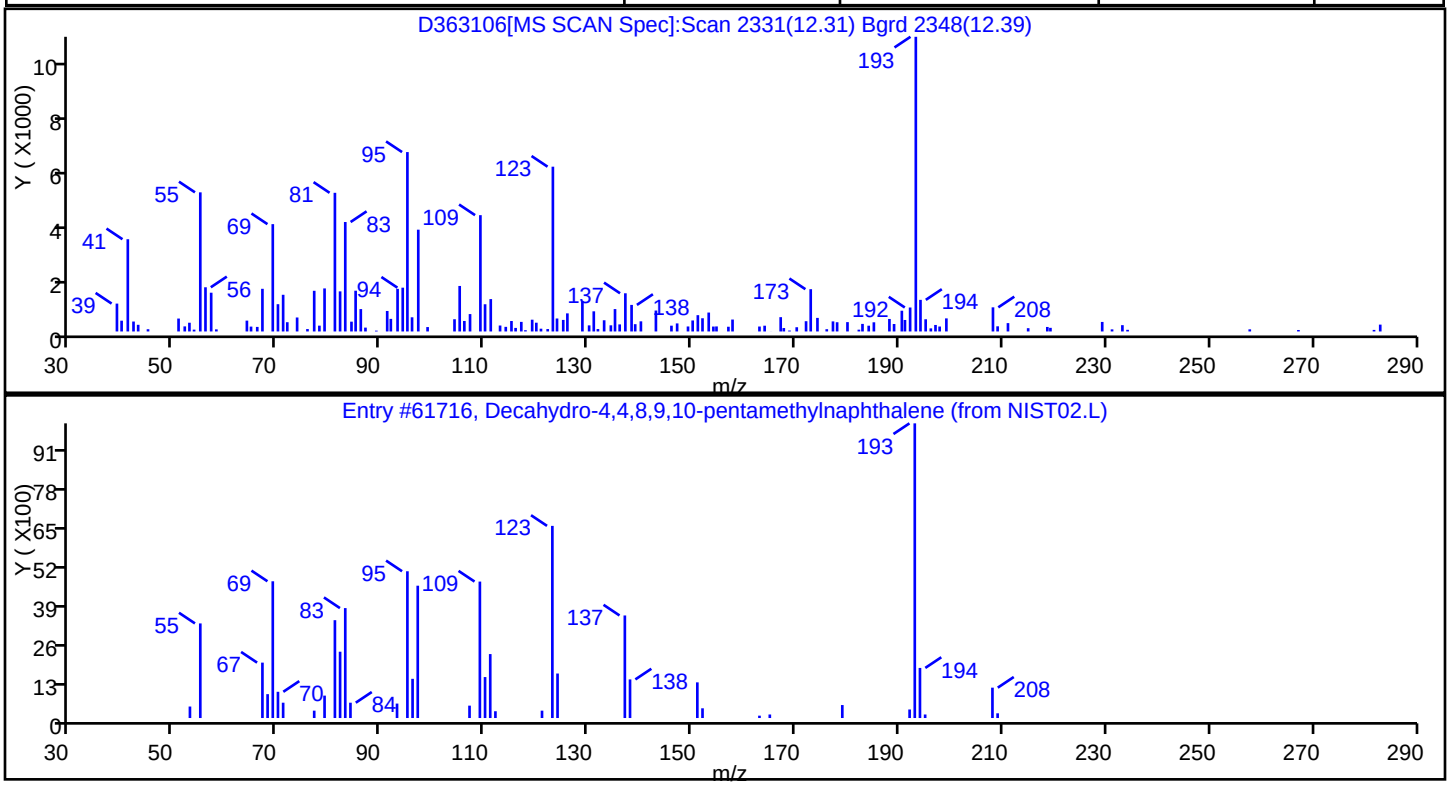


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D

Injection Date:	18-Sep-2013 22:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	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
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	64



Report Date: 20-Sep-2013 10:12:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D

Injection Date: 18-Sep-2013 22:28:30 Limit Group: VOA - 8260B Water and Solid

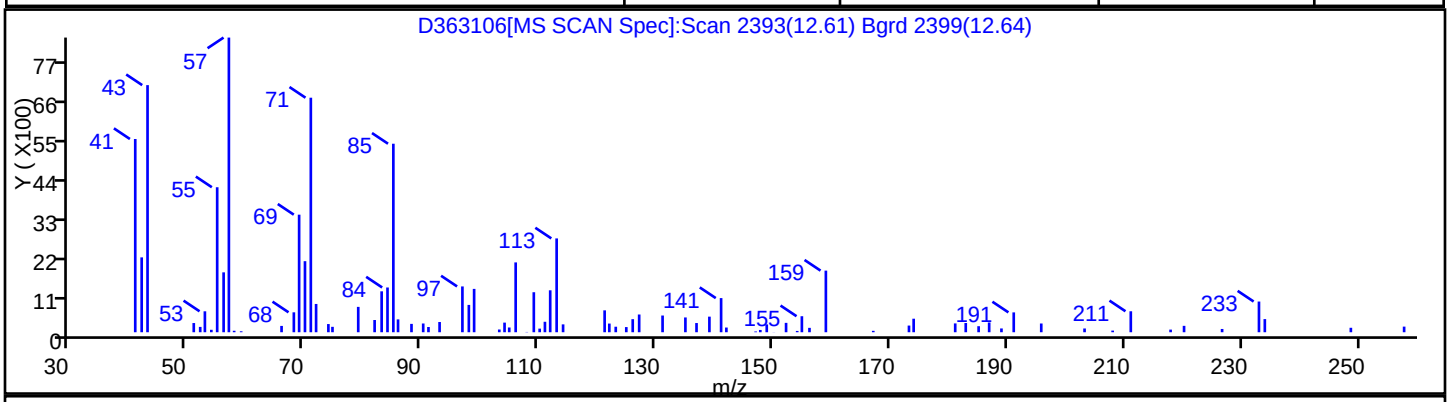
Client ID: PMP-9SE-WT Instrument ID: CVOAMS4

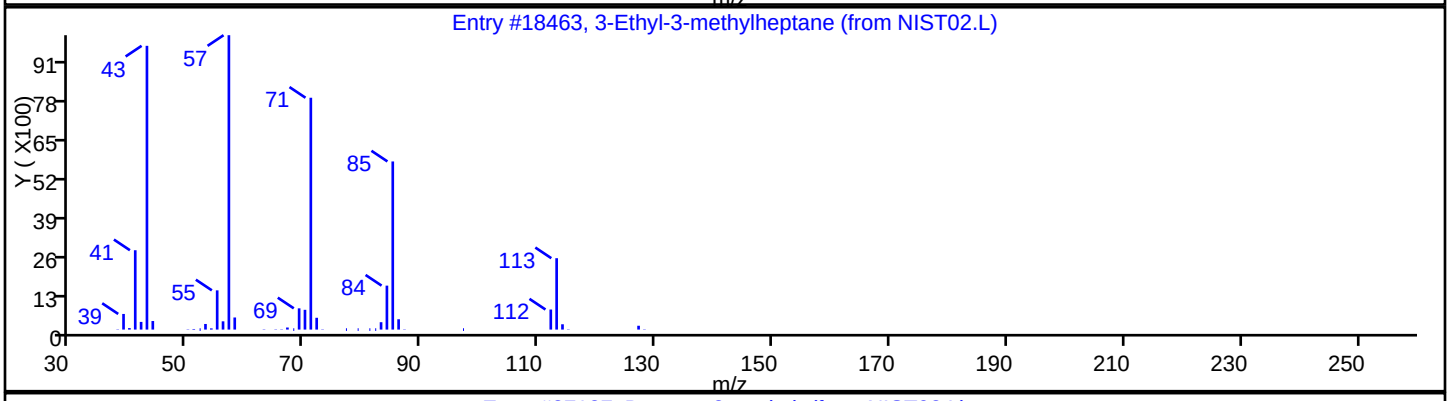
Lims Batch ID: 182028 Lims Sample ID: 21

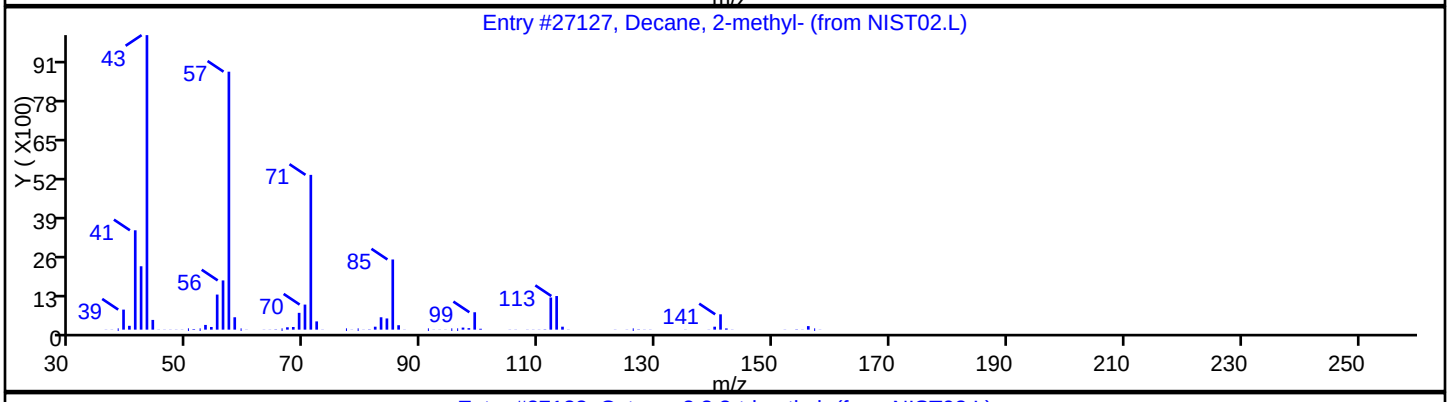
Operator ID: Purge Vol: 5.000 mL

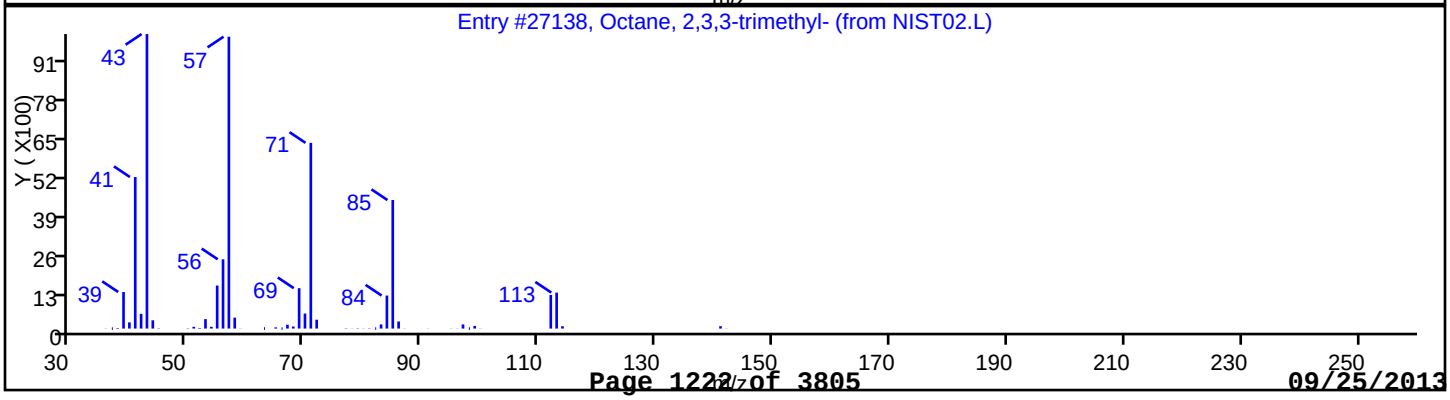
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
3-Ethyl-3-methylheptane	17302-01-1	NIST02.L	18463	50
Decane, 2-methyl-	6975-98-0	NIST02.L	27127	49
Octane, 2,3,3-trimethyl-	62016-30-2	NIST02.L	27138	47









Report Date: 20-Sep-2013 10:12:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D

Injection Date: 18-Sep-2013 22:28:30 Limit Group: VOA - 8260B Water and Solid

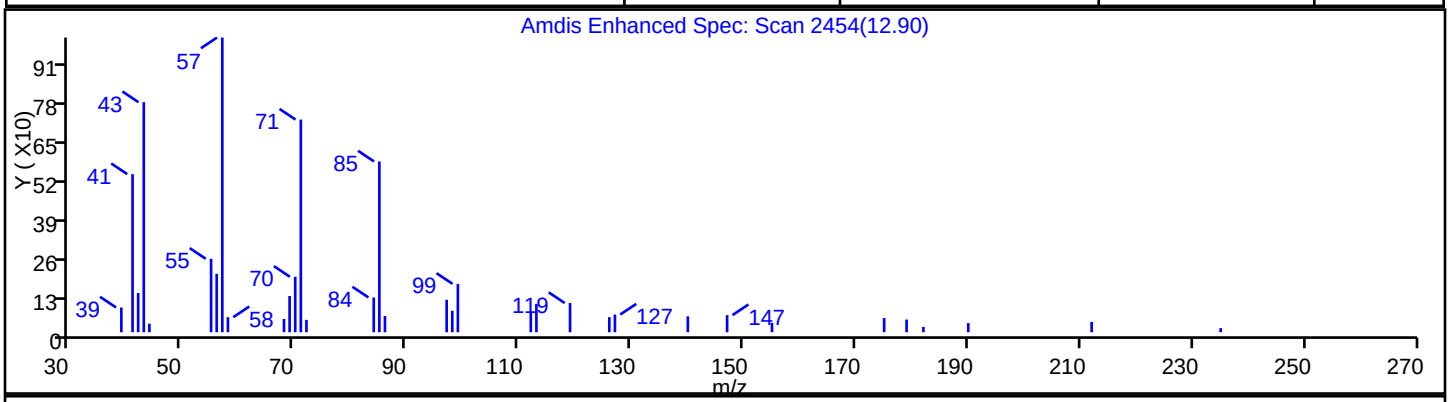
Client ID: PMP-9SE-WT Instrument ID: CVOAMS4

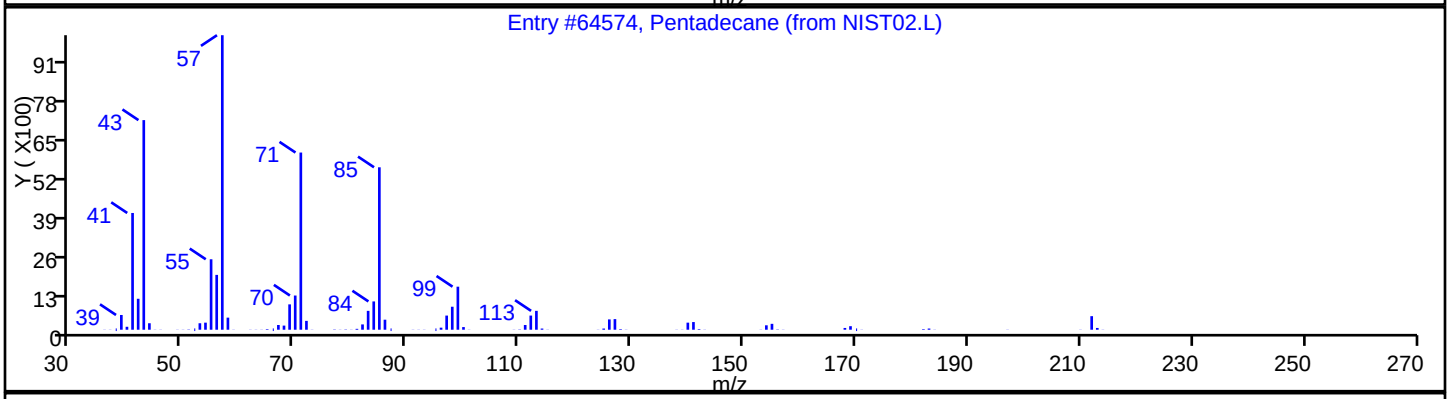
Lims Batch ID: 182028 Lims Sample ID: 21

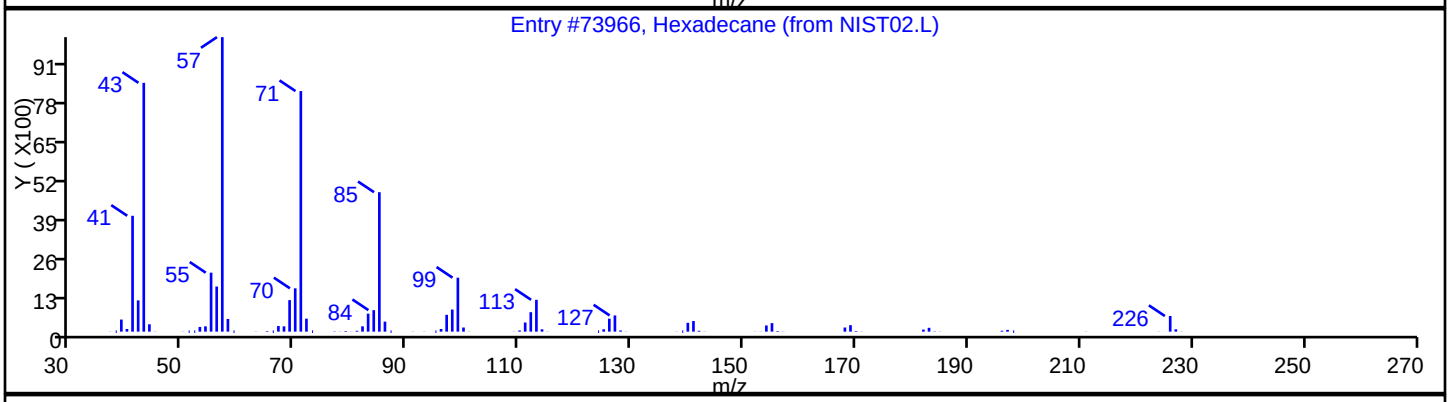
Operator ID: Purge Vol: 5.000 mL

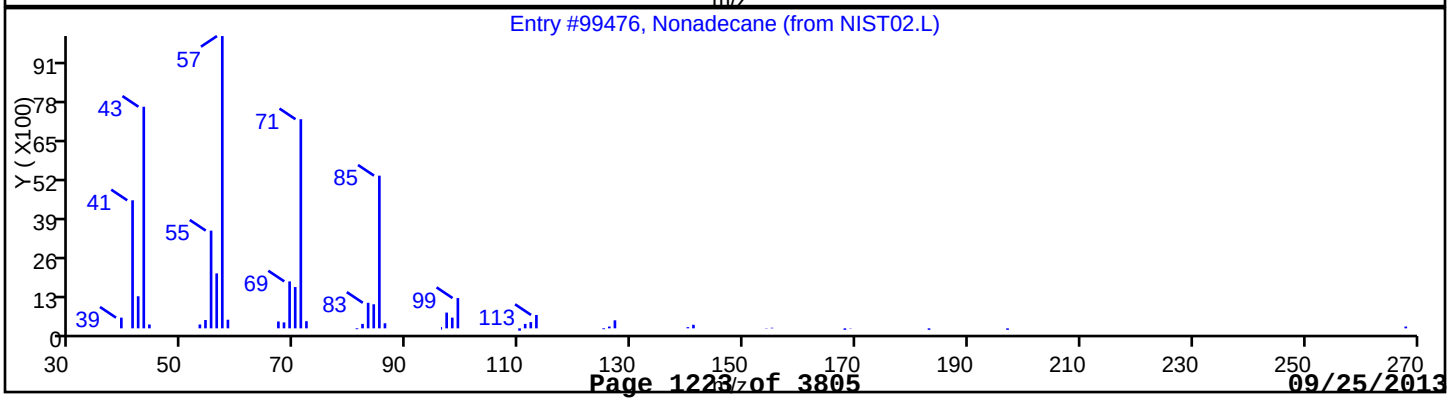
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane	629-62-9	NIST02.L	64574	93
Hexadecane	544-76-3	NIST02.L	73966	90
Nonadecane	629-92-5	NIST02.L	99476	87









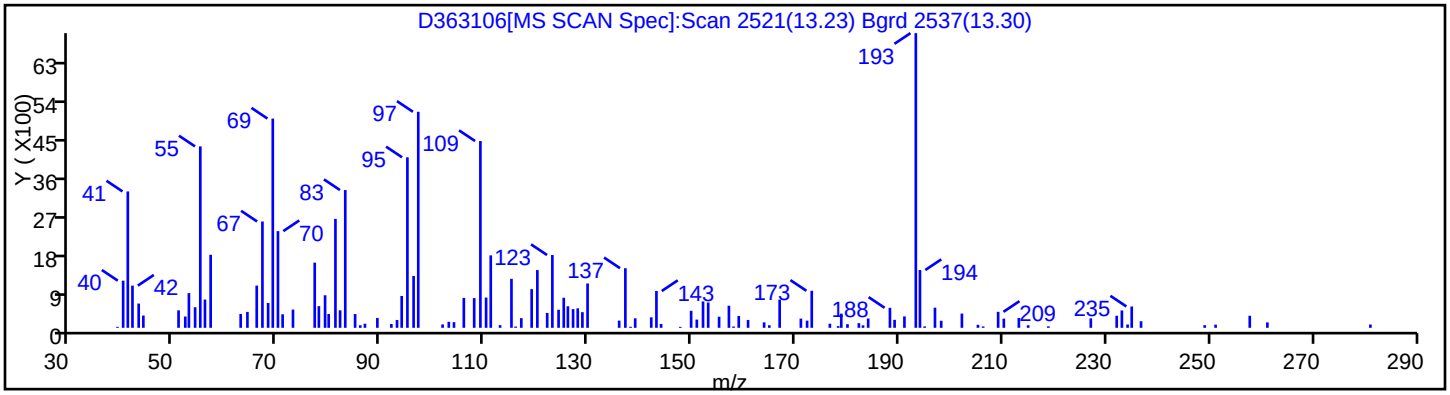
Report Date: 20-Sep-2013 10:12:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363106.D

Injection Date:	18-Sep-2013 22:28:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

No Library Matches Found above the Threshold: 40



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-SI | Lab Sample ID: 460-62968-26

Matrix: Solid | Lab File ID: B60657.D

Analysis Method: 8260B | Date Collected: 09/12/2013 14:10

Sample wt/vol: 6.15(g) | Date Analyzed: 09/19/2013 05:49

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.5 | Level: (low/med) Medium

Analysis Batch No.: 182063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	8.3	U	86	8.3
74-83-9	Bromomethane	16	U	86	16
75-01-4	Vinyl chloride	12	U	86	12
75-00-3	Chloroethane	15	U	86	15
75-09-2	Methylene Chloride	16	U	86	16
67-64-1	Acetone	230	U	430	230
75-15-0	Carbon disulfide	11	U	86	11
75-69-4	Trichlorofluoromethane	13	U	86	13
75-35-4	1,1-Dichloroethene	7.6	U	86	7.6
75-34-3	1,1-Dichloroethane	11	U	86	11
156-60-5	trans-1,2-Dichloroethene	11	U	86	11
156-59-2	cis-1,2-Dichloroethene	15	U	86	15
67-66-3	Chloroform	6.8	U	86	6.8
78-93-3	2-Butanone	200	U	430	200
107-06-2	1,2-Dichloroethane	16	U	86	16
71-55-6	1,1,1-Trichloroethane	5.4	U	86	5.4
56-23-5	Carbon tetrachloride	4.9	U	86	4.9
71-43-2	Benzene	7.1	U	86	7.1
75-25-2	Bromoform	17	U	86	17
100-42-5	Styrene	10	U	86	10
100-41-4	Ethylbenzene	8.2	U	86	8.2
108-90-7	Chlorobenzene	9.5	U	86	9.5
110-82-7	Cyclohexane	14	U	86	14
98-82-8	Isopropylbenzene	6.6	U	86	6.6
591-78-6	2-Hexanone	43	U	430	43
1634-04-4	MTBE	12	U	86	12
76-13-1	Freon TF	7.1	U	86	7.1
79-20-9	Methyl acetate	29	U	430	29
123-91-1	1,4-Dioxane	3100	U	4300	3100
79-01-6	Trichloroethene	7.9	U	86	7.9
108-88-3	Toluene	13	U	86	13
10061-02-6	trans-1,3-Dichloropropene	21	U	86	21
108-10-1	4-Methyl-2-pentanone	85	U	430	85
10061-01-5	cis-1,3-Dichloropropene	16	U	86	16
95-50-1	1,2-Dichlorobenzene	18	U	86	18
541-73-1	1,3-Dichlorobenzene	12	U	86	12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-SI | Lab Sample ID: 460-62968-26

Matrix: Solid | Lab File ID: B60657.D

Analysis Method: 8260B | Date Collected: 09/12/2013 14:10

Sample wt/vol: 6.15(g) | Date Analyzed: 09/19/2013 05:49

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 | ID: 0.25(mm)

% Moisture: 5.5 | Level: (low/med) Medium

Analysis Batch No.: 182063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	20	U	86	20
120-82-1	1,2,4-Trichlorobenzene	1200		86	29
87-61-6	1,2,3-Trichlorobenzene	44	U	86	44
78-87-5	1,2-Dichloropropane	7.4	U	86	7.4
108-87-2	Methylcyclohexane	12	U	86	12
127-18-4	Tetrachloroethene	8.4	U	86	8.4
1330-20-7	Xylenes, Total	38	J	260	31
96-12-8	1,2-Dibromo-3-Chloropropane	34	U	86	34
79-34-5	1,1,2,2-Tetrachloroethane	14	U	86	14
79-00-5	1,1,2-Trichloroethane	16	U	86	16
124-48-1	Dibromochloromethane	17	U	86	17
106-93-4	1,2-Dibromoethane	24	U	86	24
75-71-8	Dichlorodifluoromethane	19	U	86	19
74-97-5	Bromochloromethane	24	U	86	24
75-27-4	Bromodichloromethane	11	U	86	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		75-135
2037-26-5	Toluene-d8 (Surr)	82		59-150
460-00-4	Bromofluorobenzene	93		72-133
1868-53-7	Dibromofluoromethane (Surr)	87		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-SI Lab Sample ID: 460-62968-26

Matrix: Solid Lab File ID: B60657.D

Analysis Method: 8260B Date Collected: 09/12/2013 14:10

Sample wt/vol: 6.15(g) Date Analyzed: 09/19/2013 05:49

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.5 Level: (low/med) Medium

Analysis Batch No.: 182063 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 65900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	11.04	7800	J
2958-76-1	Naphthalene, decahydro-2-methyl-	11.54	5800	J N
2958-75-0	1-Methyldecahydronaphthalene	11.71	7600	J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	11.77	4600	J N
	Unknown Aromatic	12.03	8400	J
	Unknown	12.13	8200	J
4175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethyl-	12.33	6900	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	12.40	8400	J N
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	12.86	4400	J N
25419-33-4	Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	13.22	3800	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60657.D		
Lims ID:	460-62968-A-26-A	Client ID:	PMP-9SE-SI
Inject. Date:	19-Sep-2013 05:49:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62968-A-26-A		
Misc. Info.:	460-0004786-021		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	20
Lims Batch ID:	182063	Lims Sample ID:	21
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\8260W_2.m		
Last Update:	20-Sep-2013 16:39:22	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:	19-Sep-2013 08:04:20

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	2.822	2.789	0.033	64	375281	1000.0	
$ 57 Dibromofluoromethane (Surr)	113	4.492	4.484	0.008	97	187219	43.7	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.879	0.008	89	301006	47.4	
* 58 Fluorobenzene	96	5.208	5.208	0.0	97	685682	50.0	
* 65 1,4-Dioxane-d8	96	6.072	6.073	-0.001	93	42993	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.208	7.200	0.008	97	591546	41.0	
* 87 Chlorobenzene-d5	117	8.764	8.764	0.0	89	577954	50.0	
92 o-Xylene	106	9.356	9.356	0.0	78	2880	0.4372	
$ 97 4-Bromofluorobenzene	174	9.858	9.850	0.008	92	264308	46.5	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	97	346756	50.0	
127 1,2,4-Trichlorobenzene	180	12.368	12.360	0.008	76	69530	13.5	
S 134 Xylenes, Total	100				0		0.4372	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60657.D		
Lims ID:	460-62968-A-26-A	Client ID:	PMP-9SE-SI
Inject. Date:	19-Sep-2013 05:49:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62968-A-26-A		
Misc. Info.:	460-0004786-021		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	20
Lims Batch ID:	182063	Lims Sample ID:	21
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\8260W_2.m		
Last Update:	20-Sep-2013 16:39:22	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:	19-Sep-2013 08:04:20

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
		Unknown				
11.043	4697346	90.4	115	0	0	
	2958-76-1	Naphthalene, decahydro-2-methyl-				
11.537	3478770	66.9	115	98	24328	
	2958-75-0	1-Methyldecahydronaphthalene				
11.710	4599835	88.5	115	98	24317	I
	2050-24-0	Benzene, 1,3-diethyl-5-methyl-				
11.767	2780688	53.5	115	83	21830	
		Unknown Aromatic				
12.031	5091334	98.0	115	0	0	
		Unknown				
12.129	4935935	95.0	115	0	0	
	4175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethyl-				
12.327	4168273	80.2	115	87	20742	I
	56253-64-6	Benzene, (2-methyl-1-butenyl)-				
12.401	5082425	97.8	115	91	20721	
	6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-				
12.862	2627469	50.6	115	83	20748	I
	25419-33-4	Naphthalene, 1,2,3,4-tetrahydro-1,8-dime				
13.216	2282988	43.9	115	91	29463	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 115 1,4-Dichlorobenzene-d4	10.813	2598390	50.0

QC Flag Legend

Processing Flags

Review Flags
I - User Selected Library Match

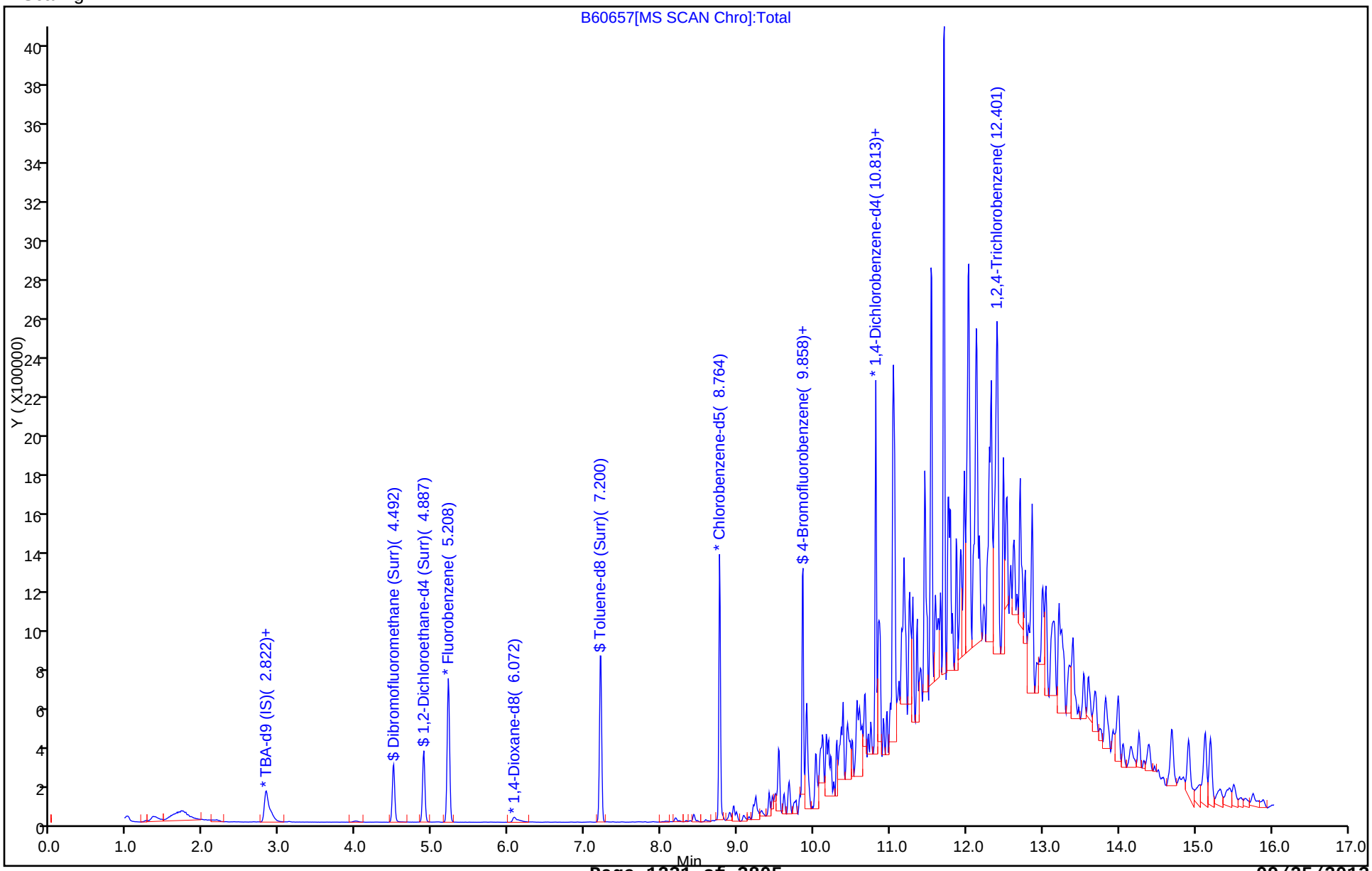
Report Date: 20-Sep-2013 16:46:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60657.D

Injection Date:	19-Sep-2013 05:49:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



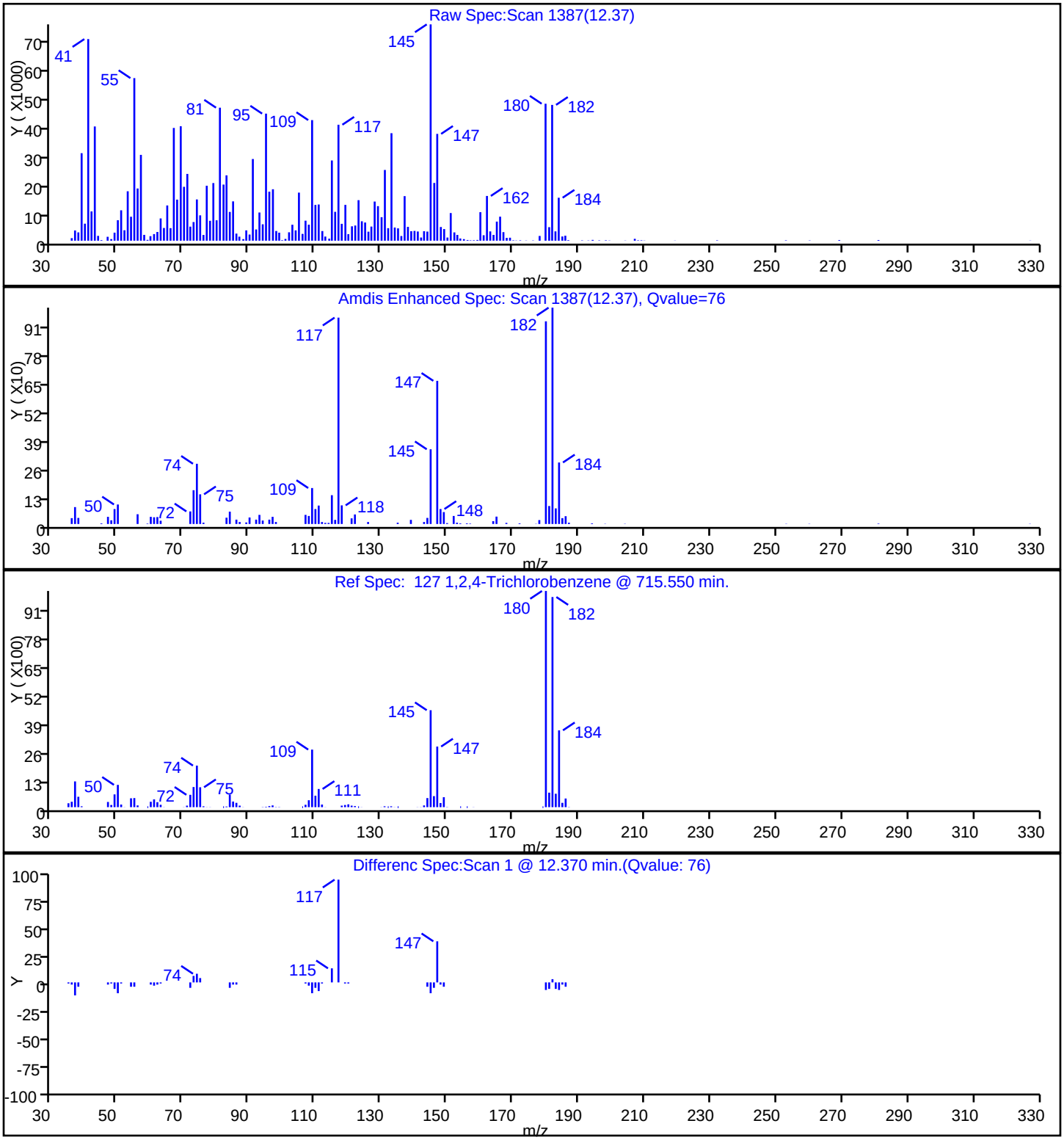
Report Date: 20-Sep-2013 16:46:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60657.D

Injection Date:	19-Sep-2013 05:49:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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



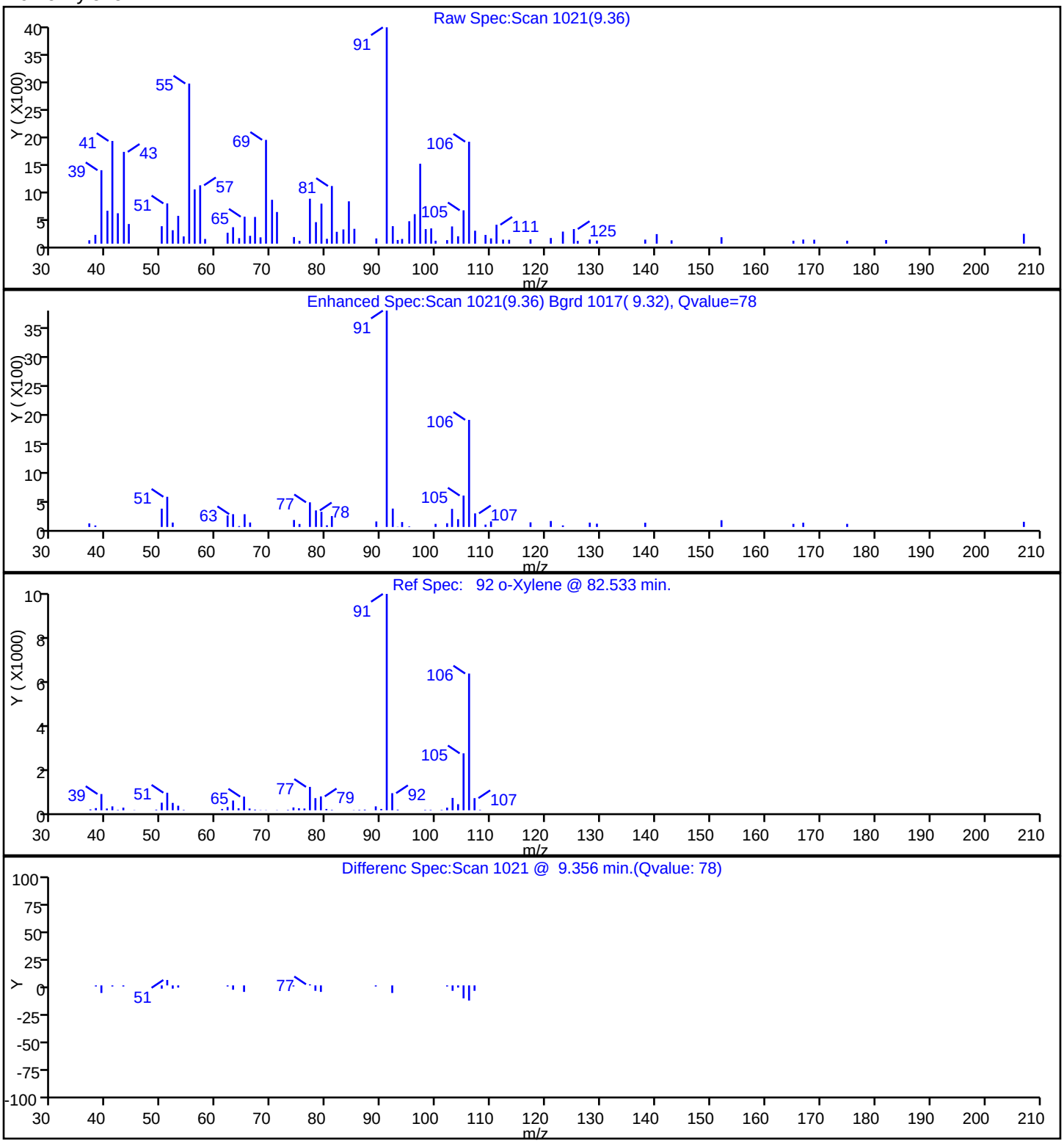
Report Date: 20-Sep-2013 16:46:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60657.D

Injection Date:	19-Sep-2013 05:49:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

92 o-Xylene



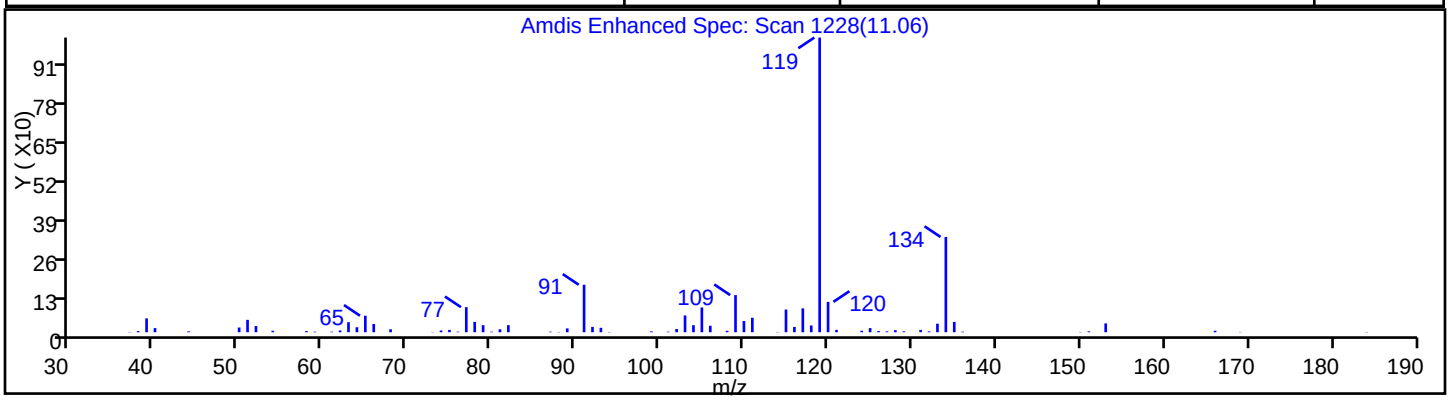
Report Date: 20-Sep-2013 16:46:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

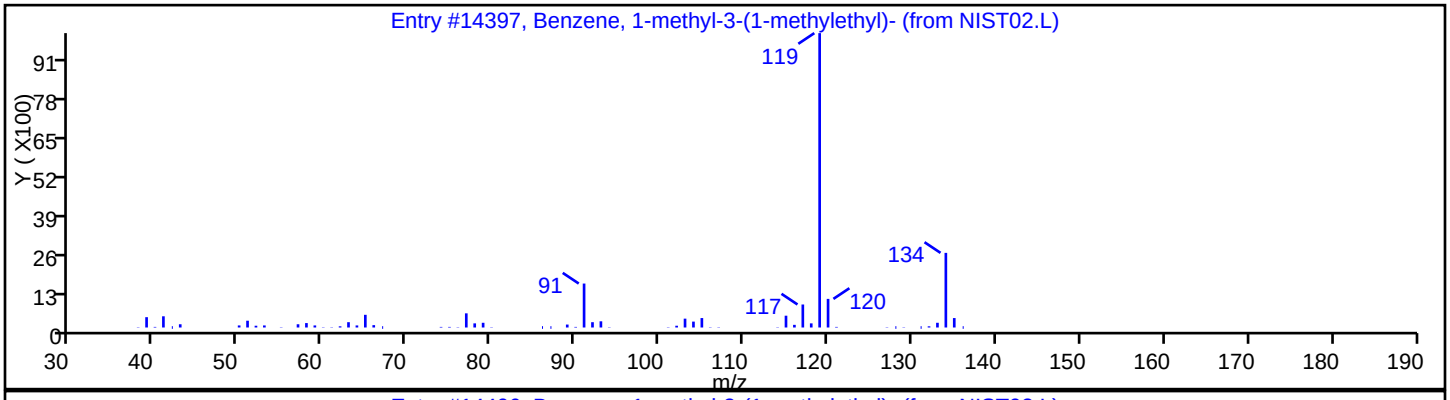
TestAmerica Edison

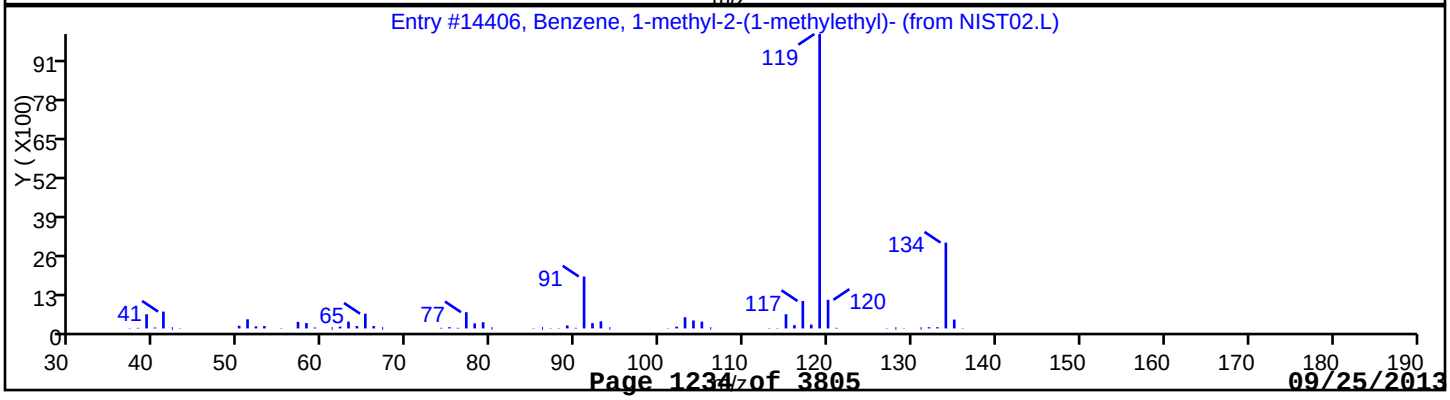
Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60657.D

Injection Date:	19-Sep-2013 05:49:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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
Unknown		NIST02.L	0	0
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.L	14397	95
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14406	95







Report Date: 20-Sep-2013 16:46:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60657.D

Injection Date: 19-Sep-2013 05:49:30 Limit Group: VOA - 8260B Water and Solid

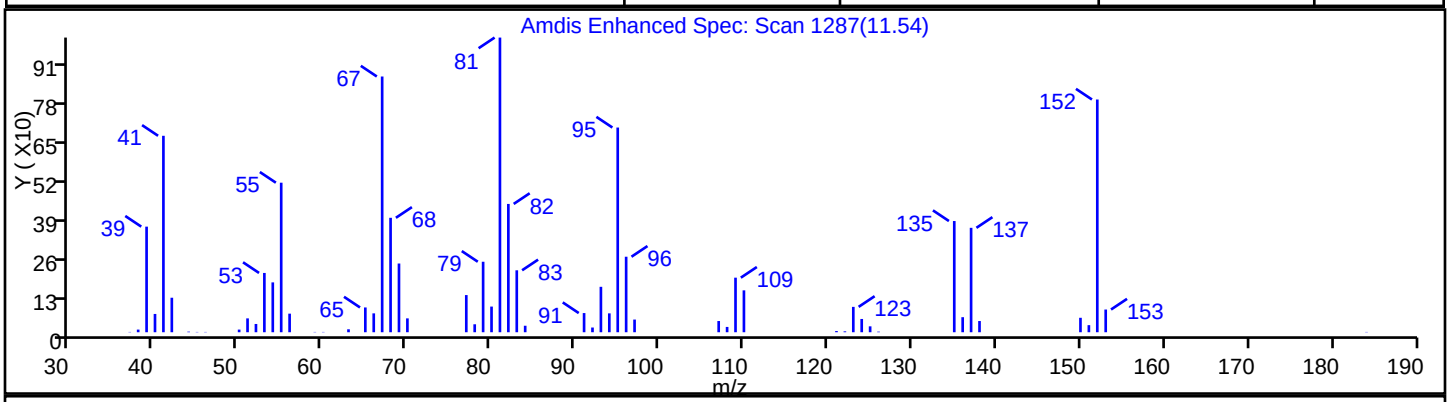
Client ID: PMP-9SE-SI Instrument ID: CVOAMS2

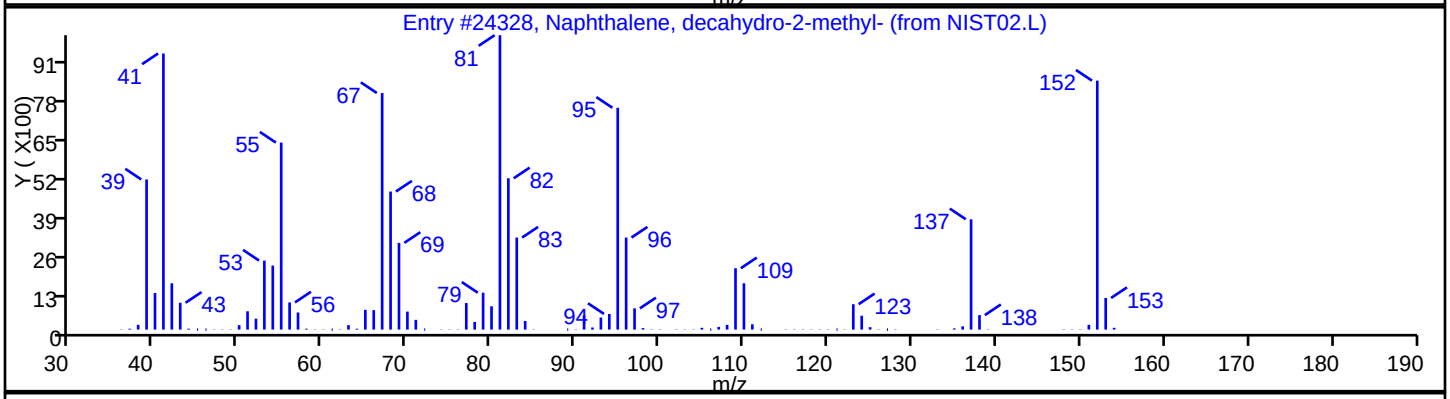
Lims Batch ID: 182063 Lims Sample ID: 21

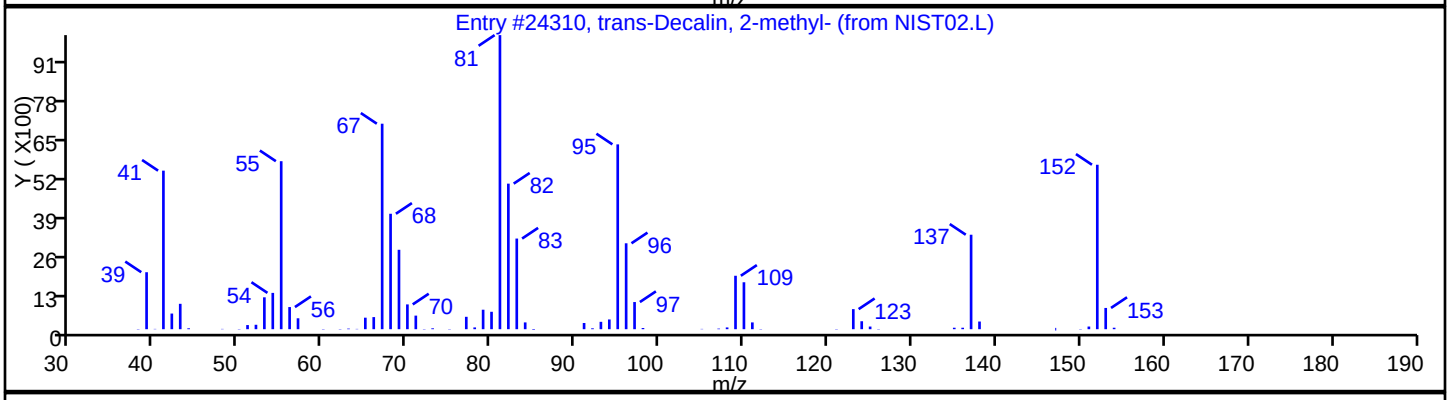
Operator ID: Purge Vol: 5.000 mL

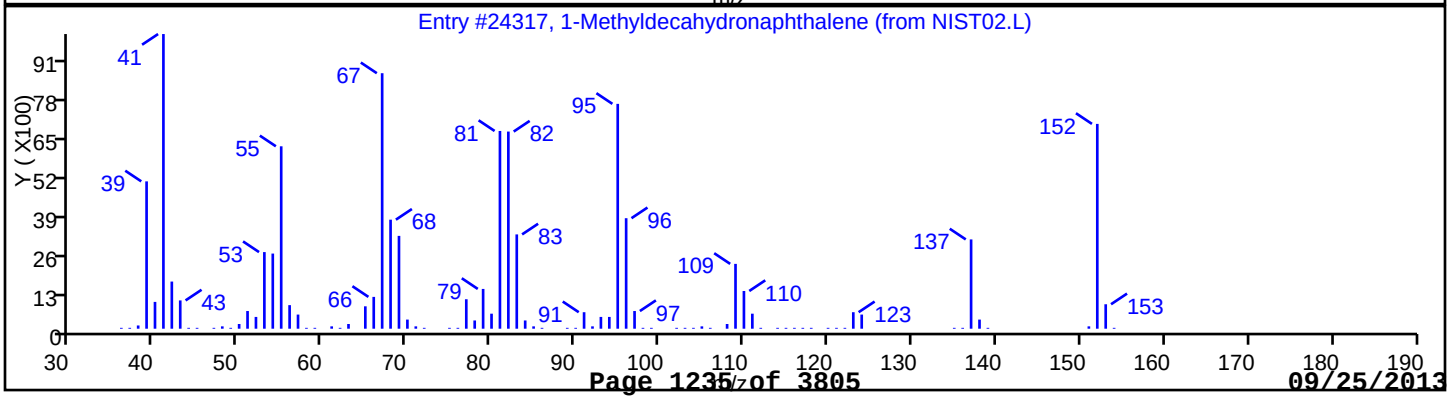
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	98
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	94
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	92









Report Date: 20-Sep-2013 16:46:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60657.D

Injection Date: 19-Sep-2013 05:49:30 Limit Group: VOA - 8260B Water and Solid

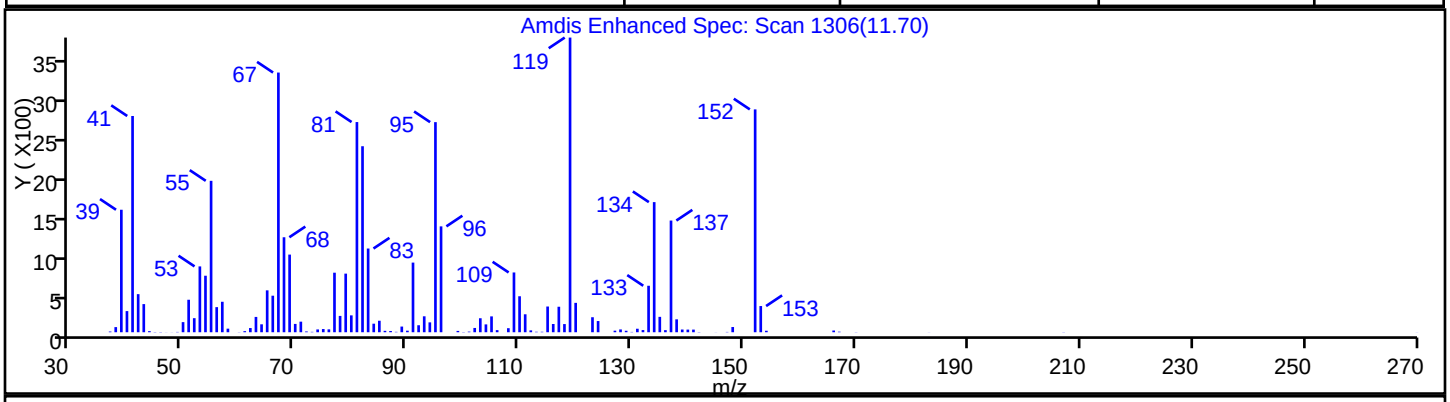
Client ID: PMP-9SE-SI Instrument ID: CVOAMS2

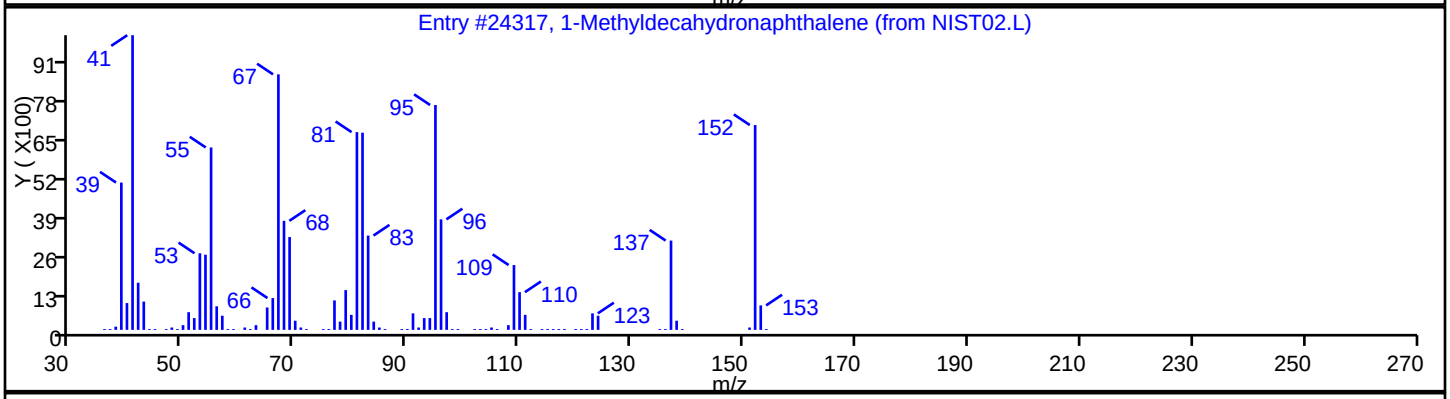
Lims Batch ID: 182063 Lims Sample ID: 21

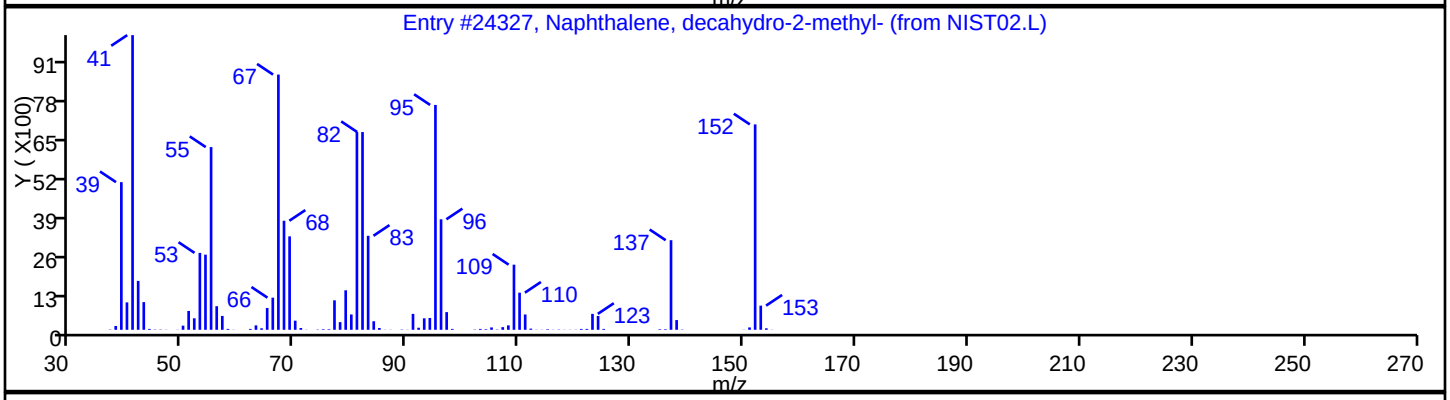
Operator ID: Purge Vol: 5.000 mL

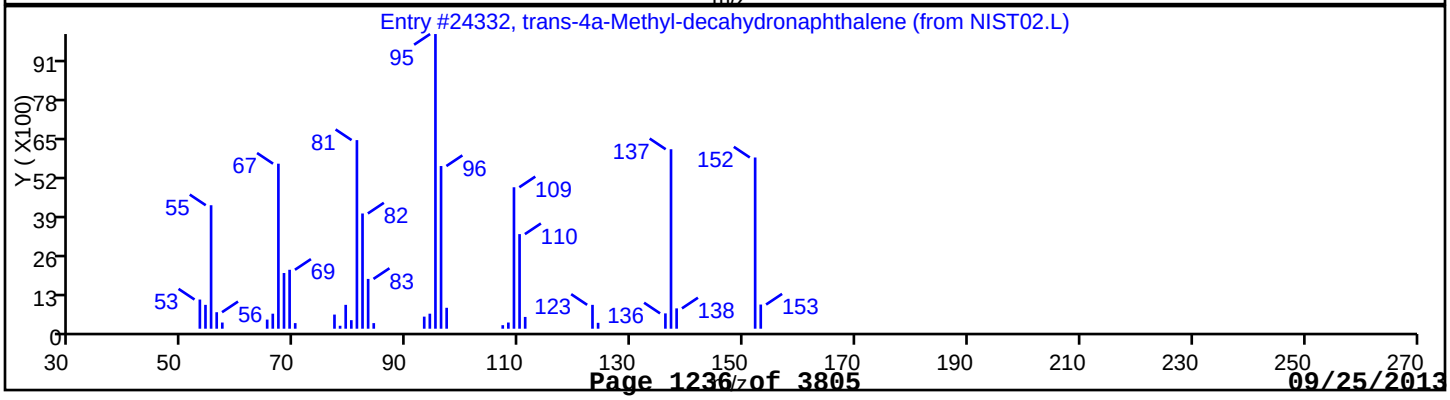
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
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	83









Report Date: 20-Sep-2013 16:46:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60657.D

Injection Date: 19-Sep-2013 05:49:30 Limit Group: VOA - 8260B Water and Solid

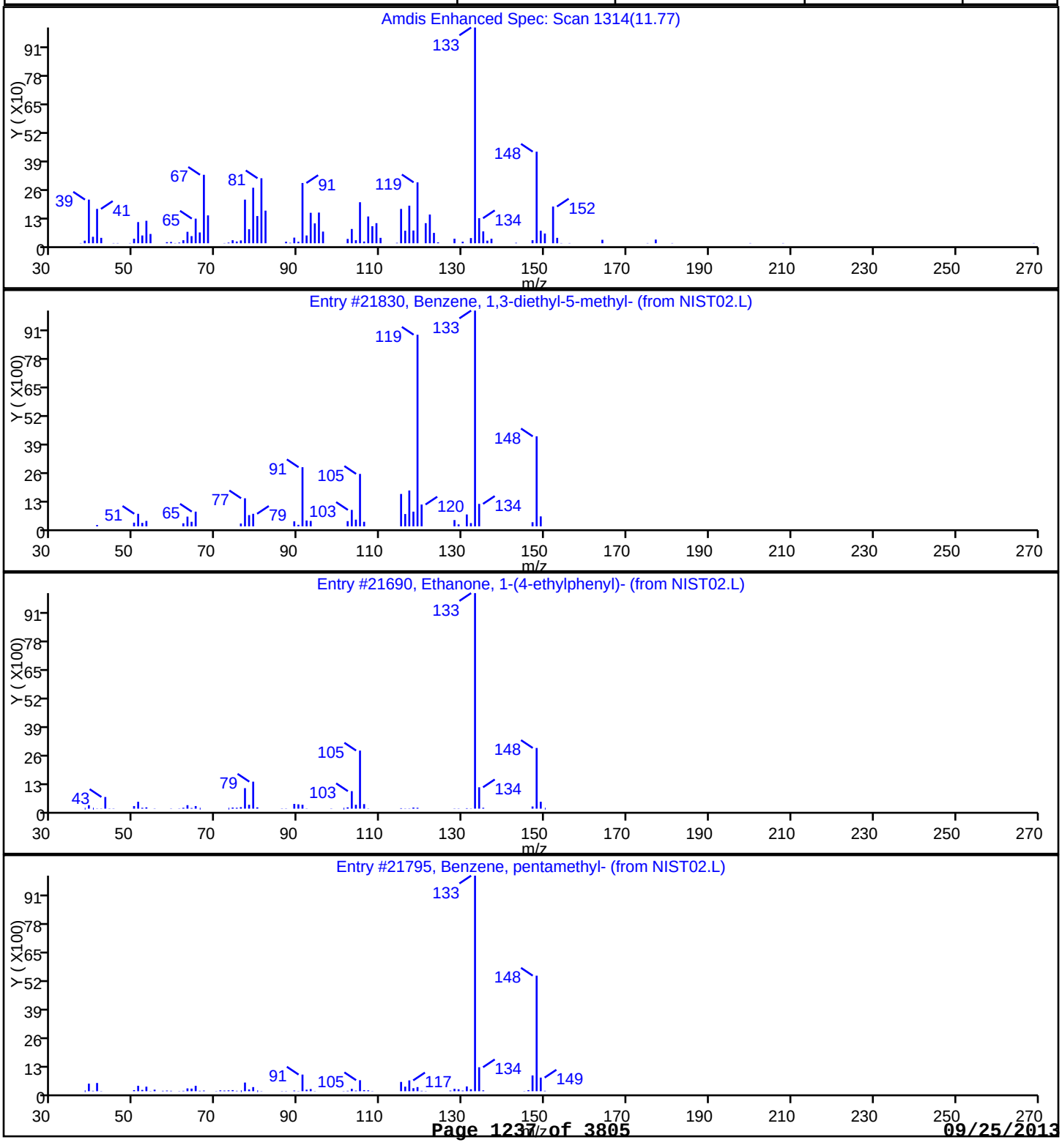
Client ID: PMP-9SE-SI Instrument ID: CVOAMS2

Lims Batch ID: 182063 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, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.L	21830	83
Ethanone, 1-(4-ethylphenyl)-	937-30-4	NIST02.L	21690	78
Benzene, pentamethyl-	700-12-9	NIST02.L	21795	70



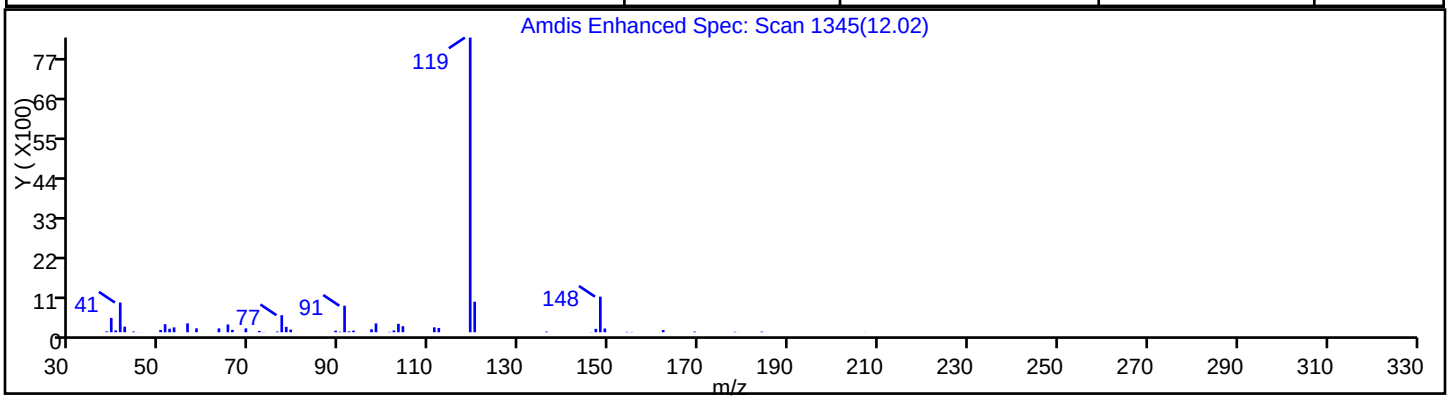
Report Date: 20-Sep-2013 16:46:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

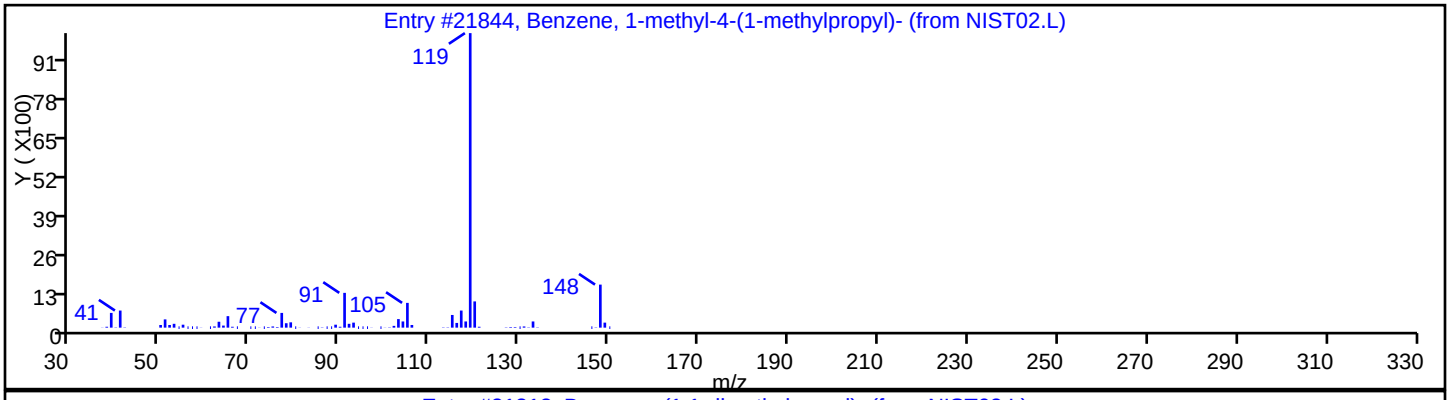
TestAmerica Edison

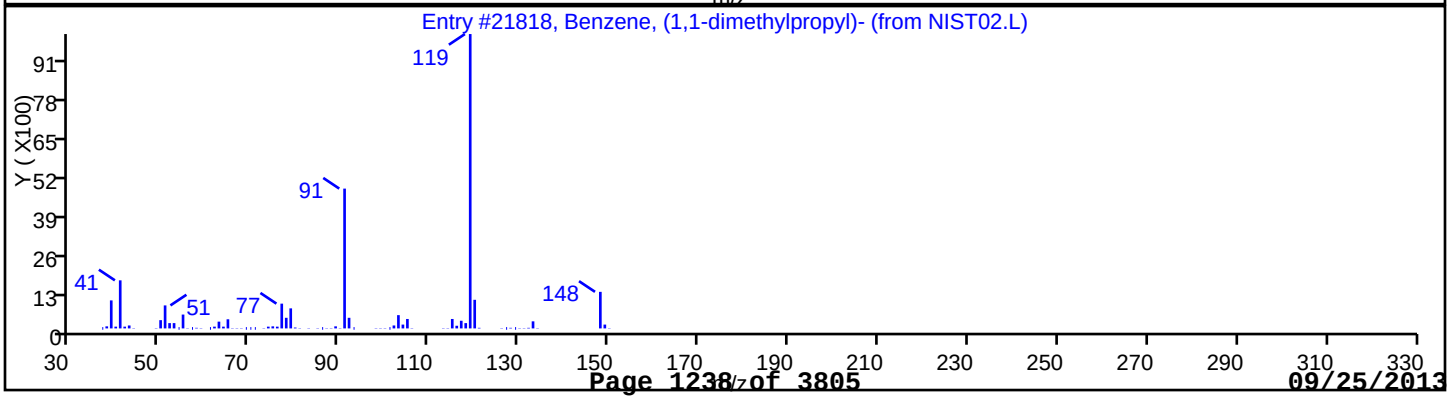
Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60657.D

Injection Date:	19-Sep-2013 05:49:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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
Unknown Aromatic		NIST02.L	0	0
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	86
Benzene, (1,1-dimethylpropyl)-	2049-95-8	NIST02.L	21818	78







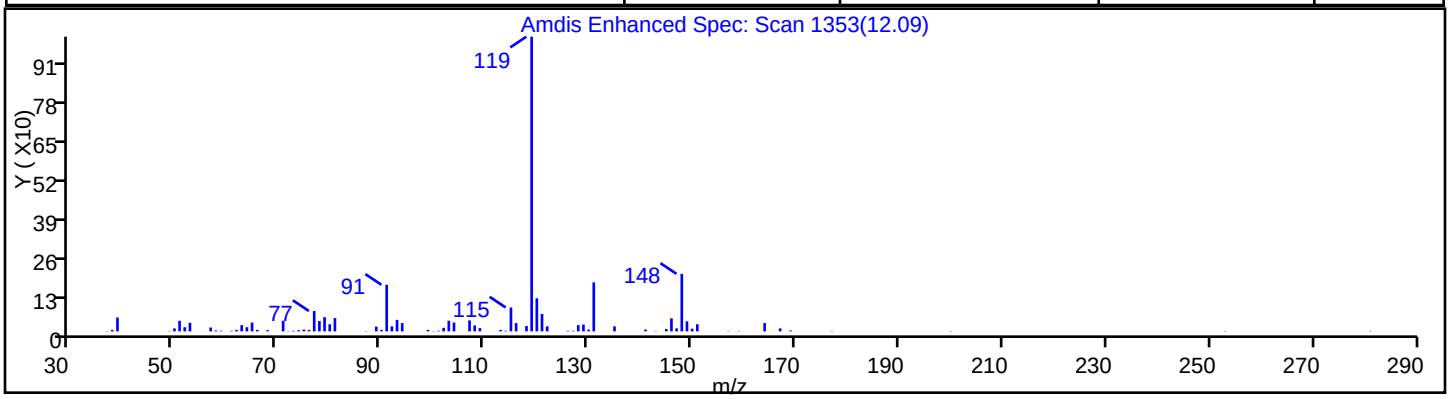
Report Date: 20-Sep-2013 16:46:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

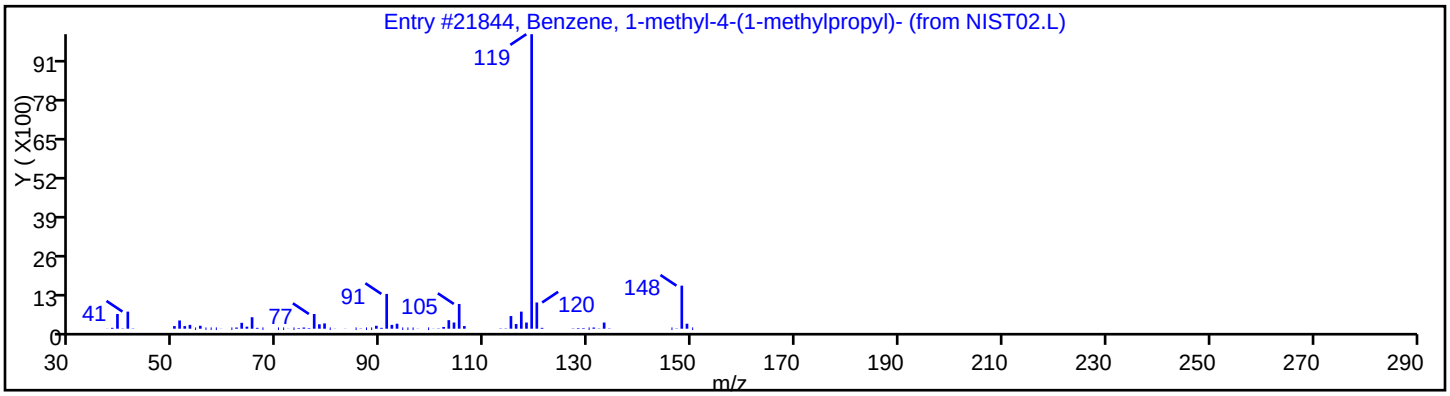
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60657.D

Injection Date:	19-Sep-2013 05:49:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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
Unknown		NIST02.L	0	0
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	81





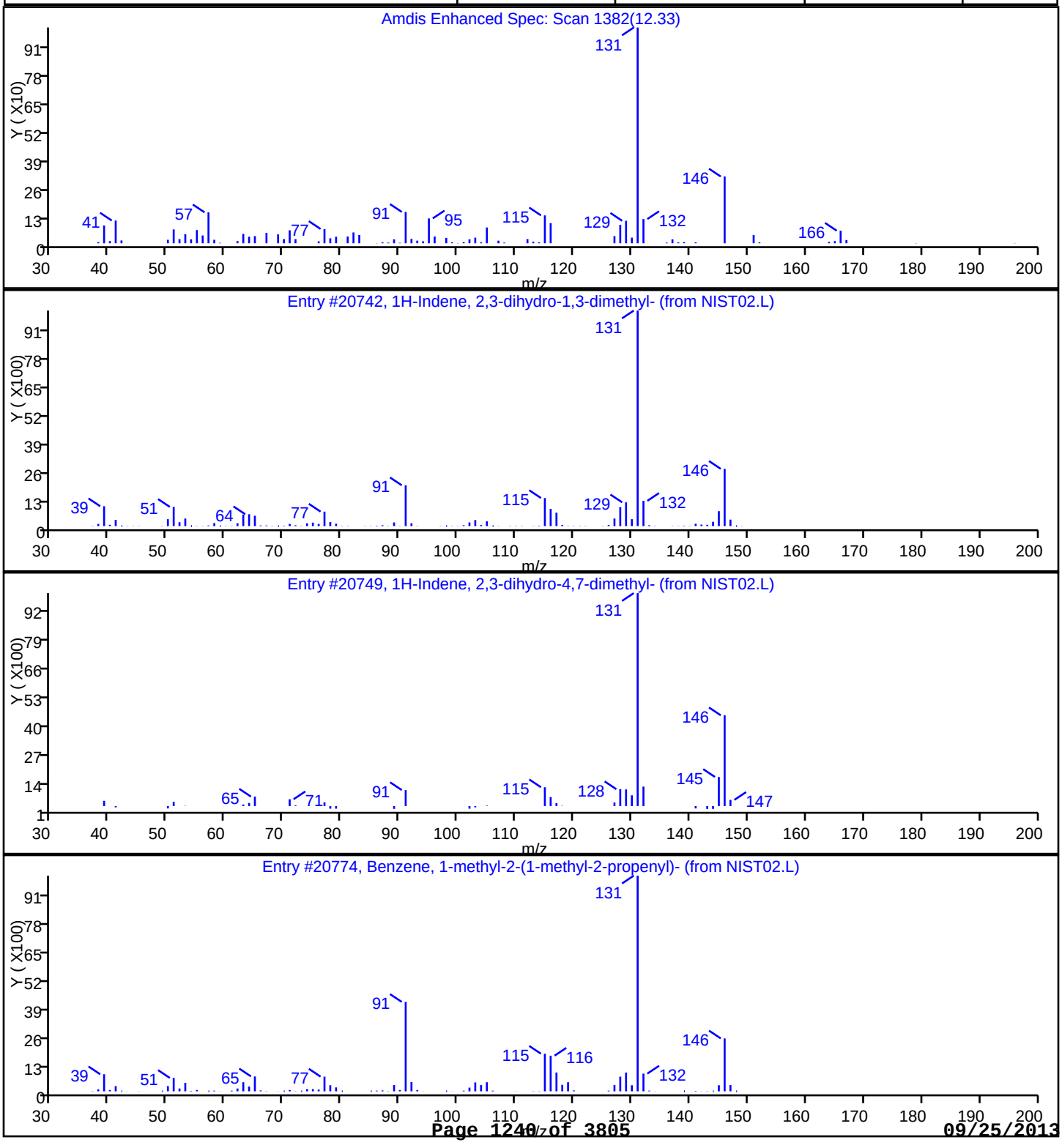
Report Date: 20-Sep-2013 16:46:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60657.D

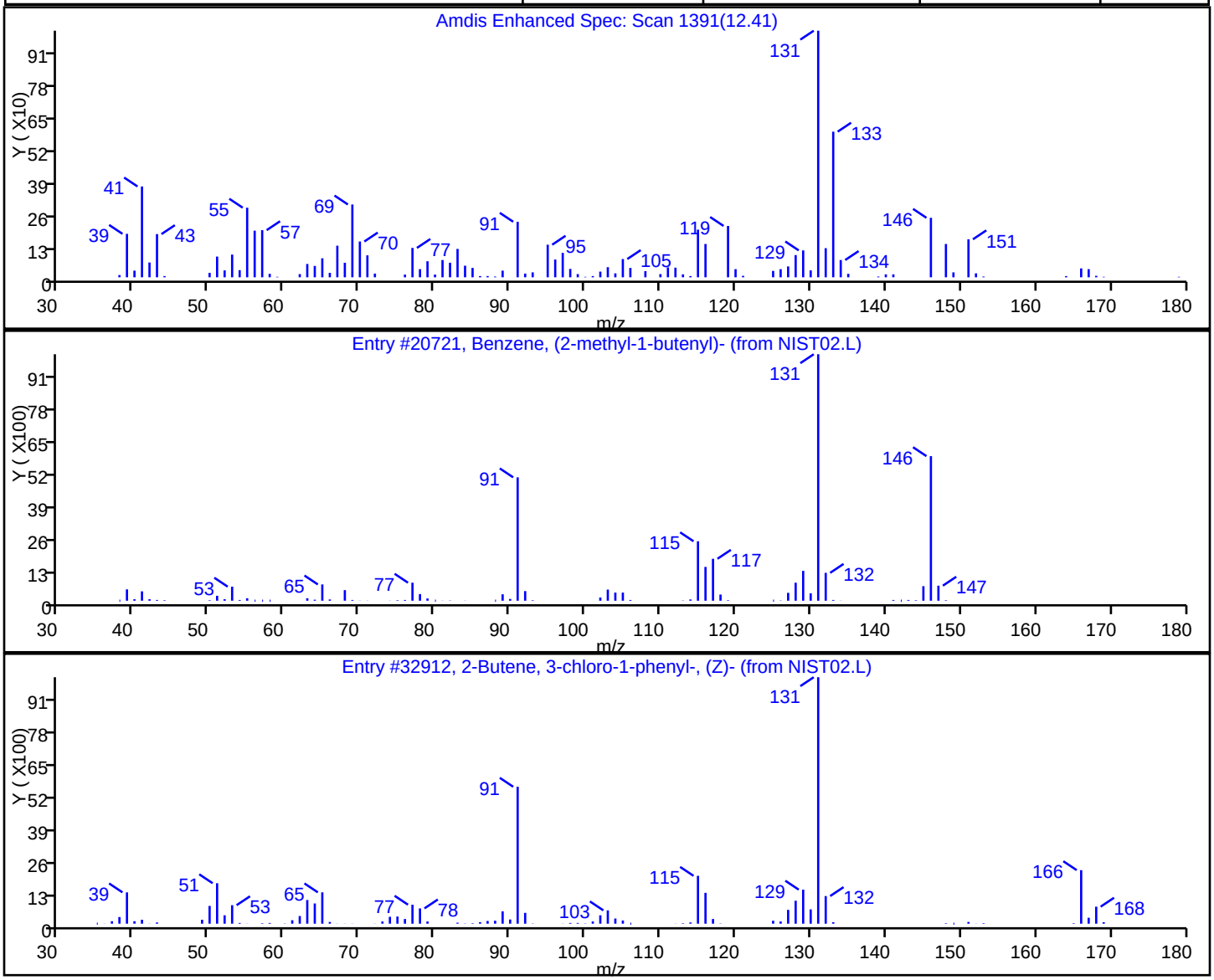
Injection Date:	19-Sep-2013 05:49:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	21
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene, 2,3-dihydro-1,3-dimethyl-	4175-53-5	NIST02.L	20742	87
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20749	87
Benzene, 1-methyl-2-(1-methyl-2-propenyl	97664-19-2	NIST02.L	20774	87



Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60657.D
Injection Date: 19-Sep-2013 05:49:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-9SE-SI Instrument ID: CVOAMS2
Lims Batch ID: 182063 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, (2-methyl-1-butenyl)-	56253-64-6	NIST02.L	20721	91
2-Butene, 3-chloro-1-phenyl-, (Z)-	16608-68-7	NIST02.L	32912	70

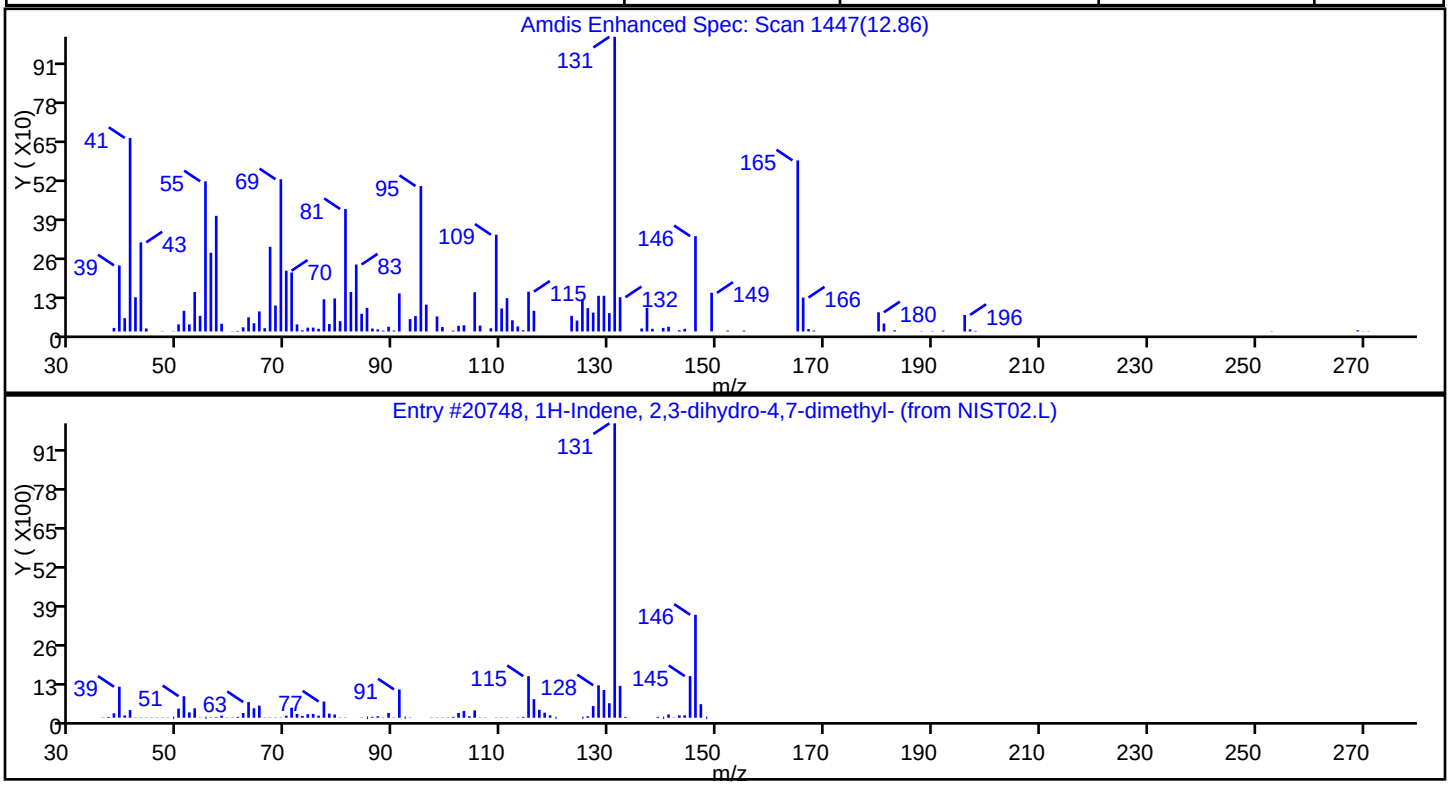


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60657.D

Injection Date:	19-Sep-2013 05:49:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20748	83



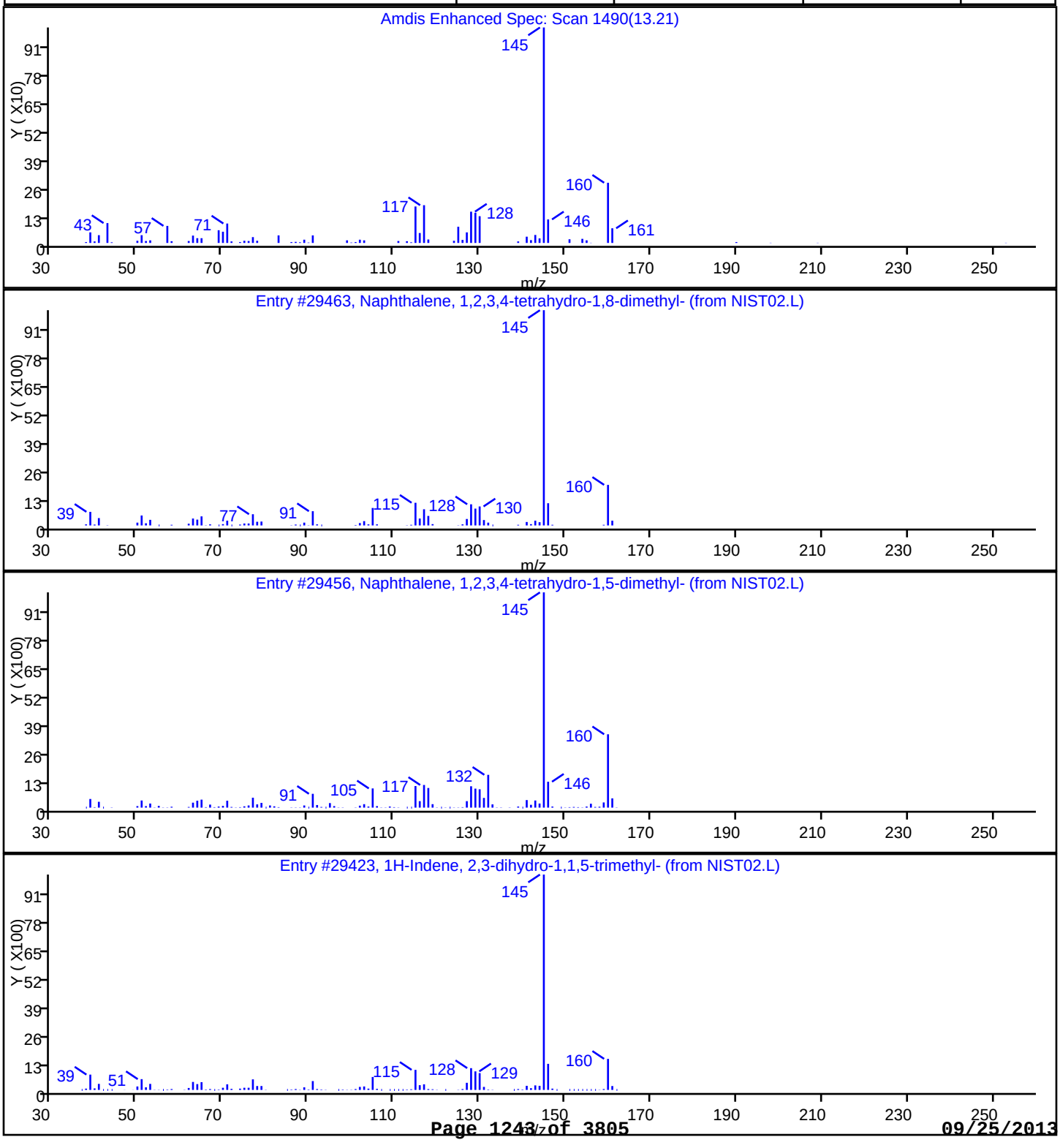
Report Date: 20-Sep-2013 16:46:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60657.D

Injection Date:	19-Sep-2013 05:49:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-9SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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, 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
1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	40650-41-7	NIST02.L	29423	91



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VS | Lab Sample ID: 460-62968-27

Matrix: Solid | Lab File ID: B60659.D

Analysis Method: 8260B | Date Collected: 09/12/2013 15:15

Sample wt/vol: 5.353(g) | Date Analyzed: 09/19/2013 06:35

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.3 | Level: (low/med) Medium

Analysis Batch No.: 182063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	9.7	U	100	9.7
74-83-9	Bromomethane	18	U	100	18
75-01-4	Vinyl chloride	14	U	100	14
75-00-3	Chloroethane	17	U	100	17
75-09-2	Methylene Chloride	18	U	100	18
67-64-1	Acetone	270	U	500	270
75-15-0	Carbon disulfide	13	U	100	13
75-69-4	Trichlorofluoromethane	15	U	100	15
75-35-4	1,1-Dichloroethene	8.8	U	100	8.8
75-34-3	1,1-Dichloroethane	13	U	100	13
156-60-5	trans-1,2-Dichloroethene	13	U	100	13
156-59-2	cis-1,2-Dichloroethene	320		100	18
67-66-3	Chloroform	180		100	7.8
78-93-3	2-Butanone	230	U	500	230
107-06-2	1,2-Dichloroethane	19	U	100	19
71-55-6	1,1,1-Trichloroethane	6.2	U	100	6.2
56-23-5	Carbon tetrachloride	5.7	U	100	5.7
71-43-2	Benzene	12	J	100	8.2
75-25-2	Bromoform	19	U	100	19
100-42-5	Styrene	12	U	100	12
100-41-4	Ethylbenzene	74	J	100	9.6
108-90-7	Chlorobenzene	330		100	11
110-82-7	Cyclohexane	16	U	100	16
98-82-8	Isopropylbenzene	200		100	7.6
591-78-6	2-Hexanone	50	U	500	50
1634-04-4	MTBE	14	U	100	14
76-13-1	Freon TF	8.2	U	100	8.2
79-20-9	Methyl acetate	33	U	500	33
123-91-1	1,4-Dioxane	3600	U	5000	3600
79-01-6	Trichloroethene	5300		100	9.2
108-88-3	Toluene	450		100	15
10061-02-6	trans-1,3-Dichloropropene	24	U	100	24
108-10-1	4-Methyl-2-pentanone	98	U	500	98
10061-01-5	cis-1,3-Dichloropropene	18	U	100	18
95-50-1	1,2-Dichlorobenzene	540		100	20
541-73-1	1,3-Dichlorobenzene	47	J	100	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VS | Lab Sample ID: 460-62968-27

Matrix: Solid | Lab File ID: B60659.D

Analysis Method: 8260B | Date Collected: 09/12/2013 15:15

Sample wt/vol: 5.353(g) | Date Analyzed: 09/19/2013 06:35

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 | ID: 0.25(mm)

% Moisture: 6.3 | Level: (low/med) Medium

Analysis Batch No.: 182063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	280		100	23
120-82-1	1,2,4-Trichlorobenzene	21000		100	34
87-61-6	1,2,3-Trichlorobenzene	6300		100	51
78-87-5	1,2-Dichloropropane	8.6	U	100	8.6
108-87-2	Methylcyclohexane	430		100	14
127-18-4	Tetrachloroethene	840		100	9.7
1330-20-7	Xylenes, Total	3600		300	36
96-12-8	1,2-Dibromo-3-Chloropropane	40	U	100	40
79-34-5	1,1,2,2-Tetrachloroethane	16	U	100	16
79-00-5	1,1,2-Trichloroethane	19	U	100	19
124-48-1	Dibromochloromethane	20	U	100	20
106-93-4	1,2-Dibromoethane	27	U	100	27
75-71-8	Dichlorodifluoromethane	21	U	100	21
74-97-5	Bromochloromethane	27	U	100	27
75-27-4	Bromodichloromethane	12	U	100	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		75-135
2037-26-5	Toluene-d8 (Surr)	82		59-150
460-00-4	Bromofluorobenzene	92		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VS | Lab Sample ID: 460-62968-27

Matrix: Solid | Lab File ID: B60659.D

Analysis Method: 8260B | Date Collected: 09/12/2013 15:15

Sample wt/vol: 5.353(g) | Date Analyzed: 09/19/2013 06:35

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.3 | Level: (low/med) Medium

Analysis Batch No.: 182063 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 70000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	11.04	11000	J
2958-76-1	Naphthalene, decahydro-2-methyl-	11.54	5800	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.71	8500	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.78	5100	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	12.03	8700	J N
	Unknown	12.13	8700	J
13632-94-5	Benzene, 1,4-diethyl-2-methyl-	12.32	5300	J N
53172-84-2	Benzene, (1-methyl-1-butenyl)-	12.40	5900	J N
40650-41-7	1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	13.22	5600	J N
17302-32-8	Nonane, 3,7-dimethyl-	13.40	5400	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D
Lims ID: 460-62968-A-27-A
Client ID: PMP-24SE-VS
Inject. Date: 19-Sep-2013 06:35:30
Dil. Factor: 50.0000
Sample Type: Client
Sample ID: 460-62968-A-27-A
Misc. Info.: 460-0004786-023
Operator:
Instrument ID: CVOAMS2
Purge Vol: 5.000 mL
ALS Bottle#: 22
Lims Batch ID: 182063
Lims Sample ID: 23
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\8260W_2.m
Last Update: 20-Sep-2013 16:47:34
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: 19-Sep-2013 08:10:38

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	2.813	2.789	0.024	76	361042	1000.0	
39 cis-1,2-Dichloroethene	96	3.966	3.974	-0.008	86	11916	3.24	
47 Chloroform	83	4.303	4.303	0.0	89	13140	1.80	
$ 57 Dibromofluoromethane (Surr)	113	4.484	4.484	0.0	97	182300	43.2	
52 Benzene	78	4.854	4.846	0.008	9	1715	0.1212	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.879	4.879	0.0	96	290688	46.5	
* 58 Fluorobenzene	96	5.208	5.208	0.0	96	675028	50.0	
60 Trichloroethene	95	5.636	5.636	0.0	92	230788	53.2	
62 Methylcyclohexane	83	5.760	5.760	0.0	83	12739	4.31	
* 65 1,4-Dioxane-d8	96	6.064	6.073	-0.009	90	46111	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.200	7.200	0.0	97	587890	41.2	
77 Toluene	91	7.282	7.282	0.0	92	71735	4.52	
81 Tetrachloroethene	166	7.858	7.858	0.0	89	35451	8.44	
* 87 Chlorobenzene-d5	117	8.764	8.764	0.0	90	571961	50.0	
88 Chlorobenzene	112	8.788	8.788	0.0	74	37365	3.35	
89 Ethylbenzene	106	8.879	8.871	0.008	96	4041	0.7454	
91 m-Xylene & p-Xylene	106	8.994	8.994	0.0	99	146573	22.1	
92 o-Xylene	106	9.356	9.356	0.0	89	91710	14.1	
96 Isopropylbenzene	105	9.677	9.677	0.0	94	33654	1.99	
$ 97 4-Bromofluorobenzene	174	9.858	9.850	0.008	92	258039	45.9	
113 1,3-Dichlorobenzene	146	10.755	10.747	0.008	38	4228	0.4678	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	97	335074	50.0	
116 1,4-Dichlorobenzene	146	10.829	10.829	0.0	59	27532	2.82	
122 1,2-Dichlorobenzene	146	11.134	11.134	0.0	78	51109	5.44	
127 1,2,4-Trichlorobenzene	180	12.368	12.360	0.008	91	1054350	212.2	
131 1,2,3-Trichlorobenzene	180	12.788	12.788	0.0	88	222248	62.7	
S 134 Xylenes, Total	100				0		36.2	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D		
Lims ID:	460-62968-A-27-A	Client ID:	PMP-24SE-VS
Inject. Date:	19-Sep-2013 06:35:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62968-A-27-A		
Misc. Info.:	460-0004786-023		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	22
Lims Batch ID:	182063	Lims Sample ID:	23
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\8260W_2.m		
Last Update:	20-Sep-2013 16:47:34	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:	19-Sep-2013 08:10:38

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	Unknown					
11.043	6090755	115.0	115	0	0	
	2958-76-1	Naphthalene, decahydro-2-methyl-				
11.537	3066233	57.9	115	99	24328	
	95-93-2	Benzene, 1,2,4,5-tetramethyl-				
11.710	4520580	85.4	115	94	14361	
	1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-				
11.784	2731577	51.6	115	80	21844	
	527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-				
12.031	4608366	87.0	115	87	14406	
	Unknown					
12.130	4615275	87.1	115	0	0	
	13632-94-5	Benzene, 1,4-diethyl-2-methyl-				
12.319	2822982	53.3	115	86	21821	
	53172-84-2	Benzene, (1-methyl-1-butenyl)-				
12.401	3154439	59.6	115	87	20719	
	40650-41-7	1H-Indene, 2,3-dihydro-1,1,5-trimethyl-				
13.216	2950323	55.7	115	81	29423	
	17302-32-8	Nonane, 3,7-dimethyl-				
13.397	2848977	53.8	115	81	27137	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 115 1,4-Dichlorobenzene-d4	10.813	2648028	50.0

QC Flag Legend

Processing Flags

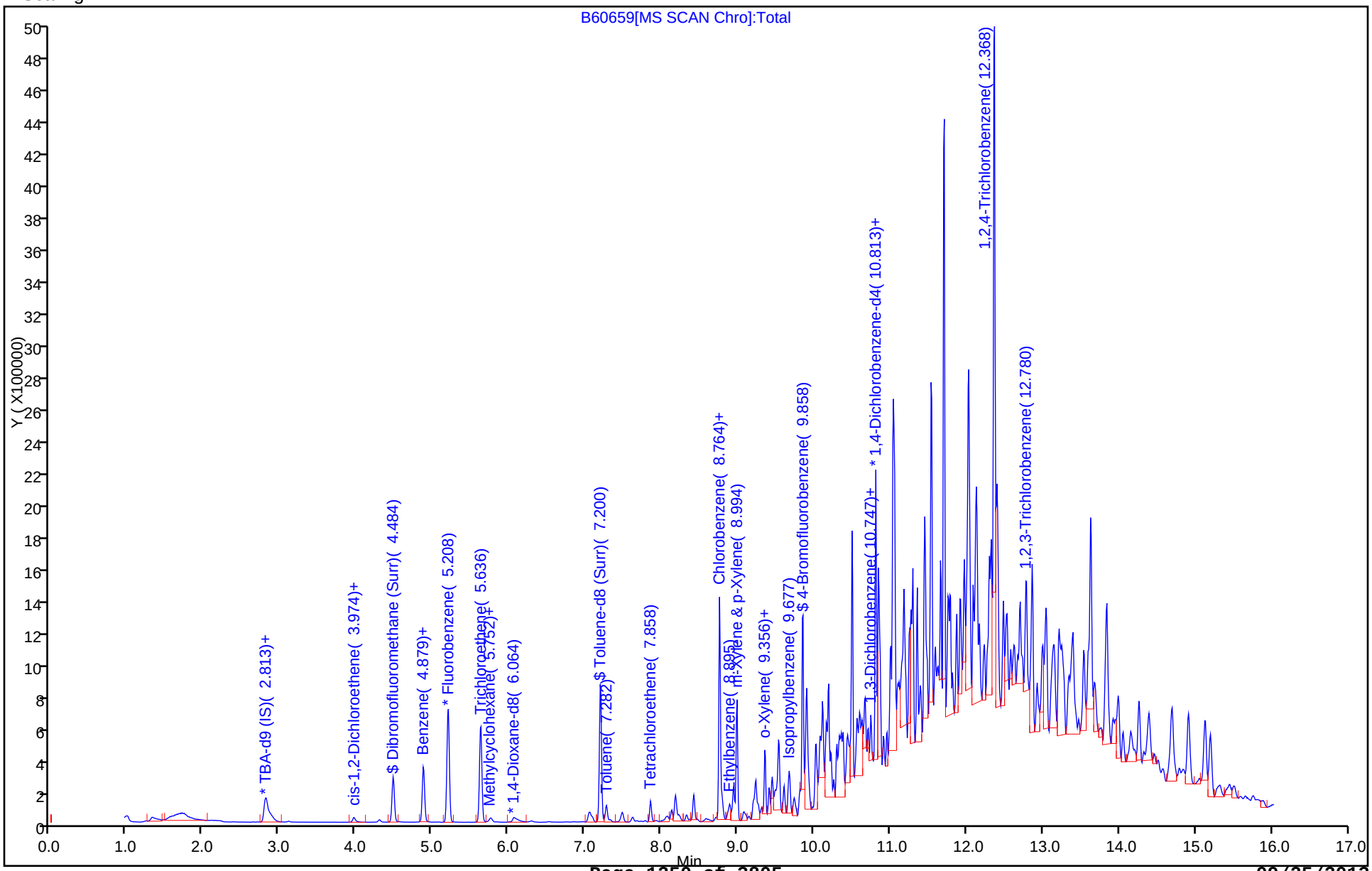
Report Date: 20-Sep-2013 16:48:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



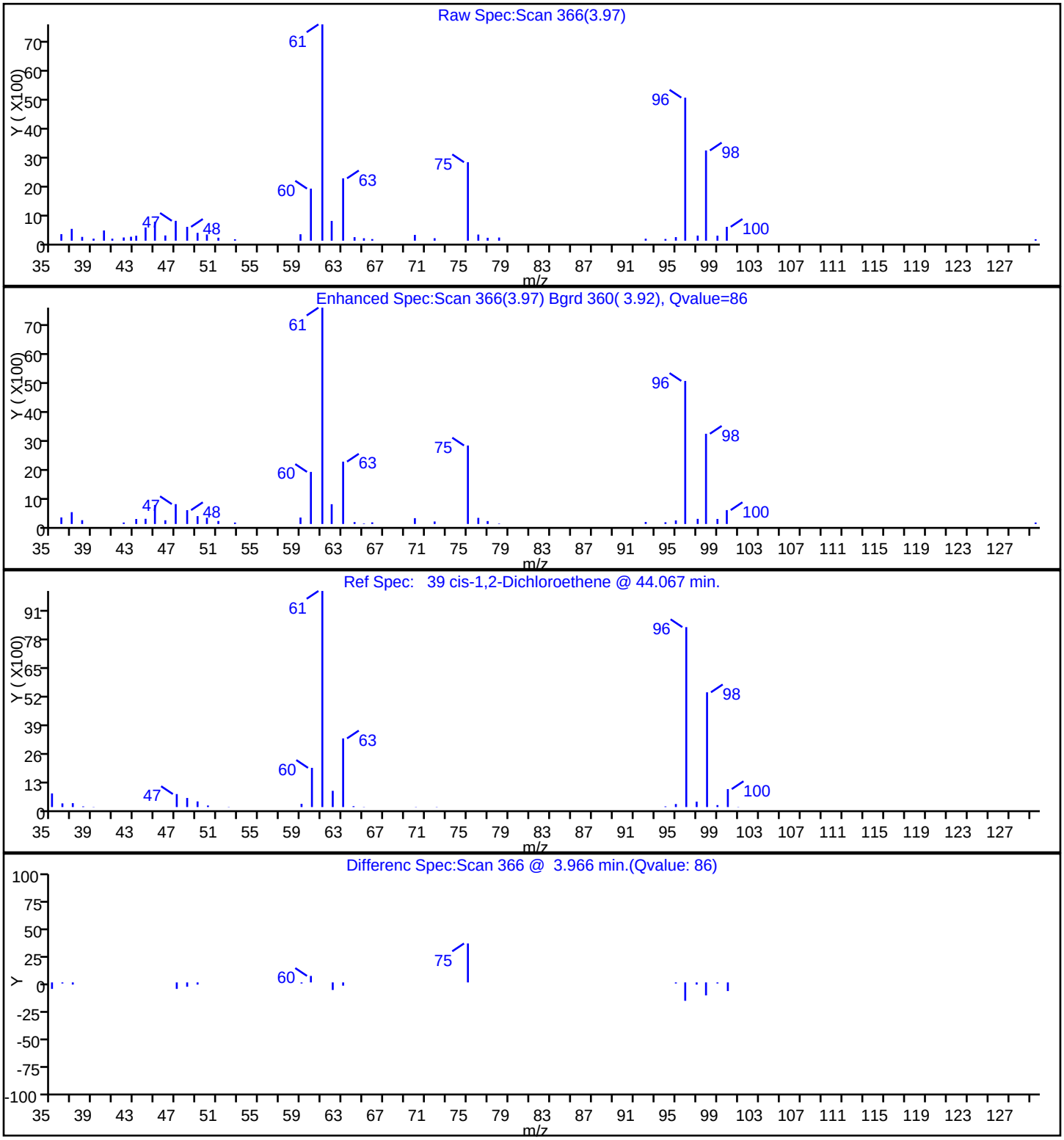
Report Date: 20-Sep-2013 16:48:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

39 cis-1,2-Dichloroethene



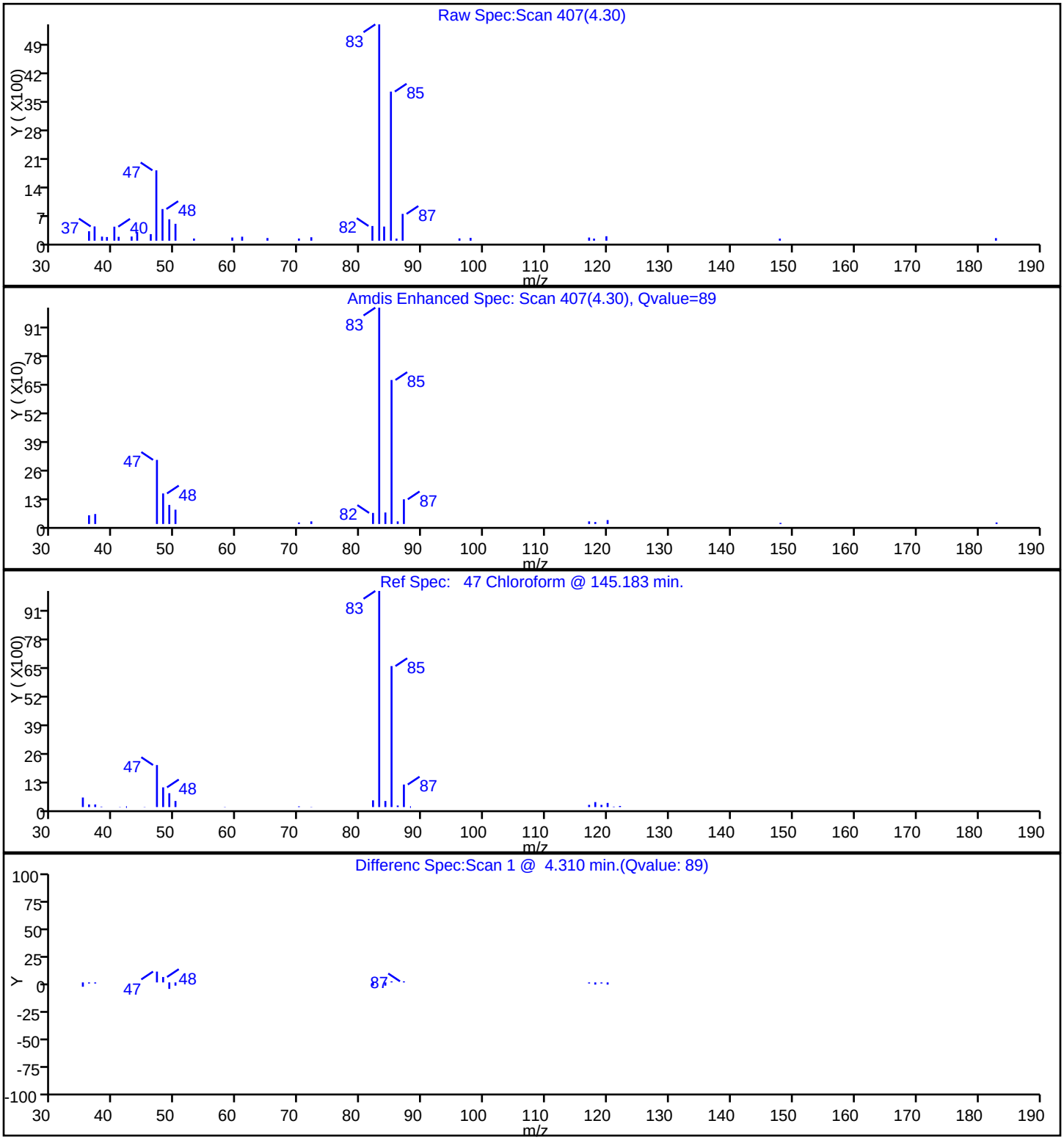
Report Date: 20-Sep-2013 16:48:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



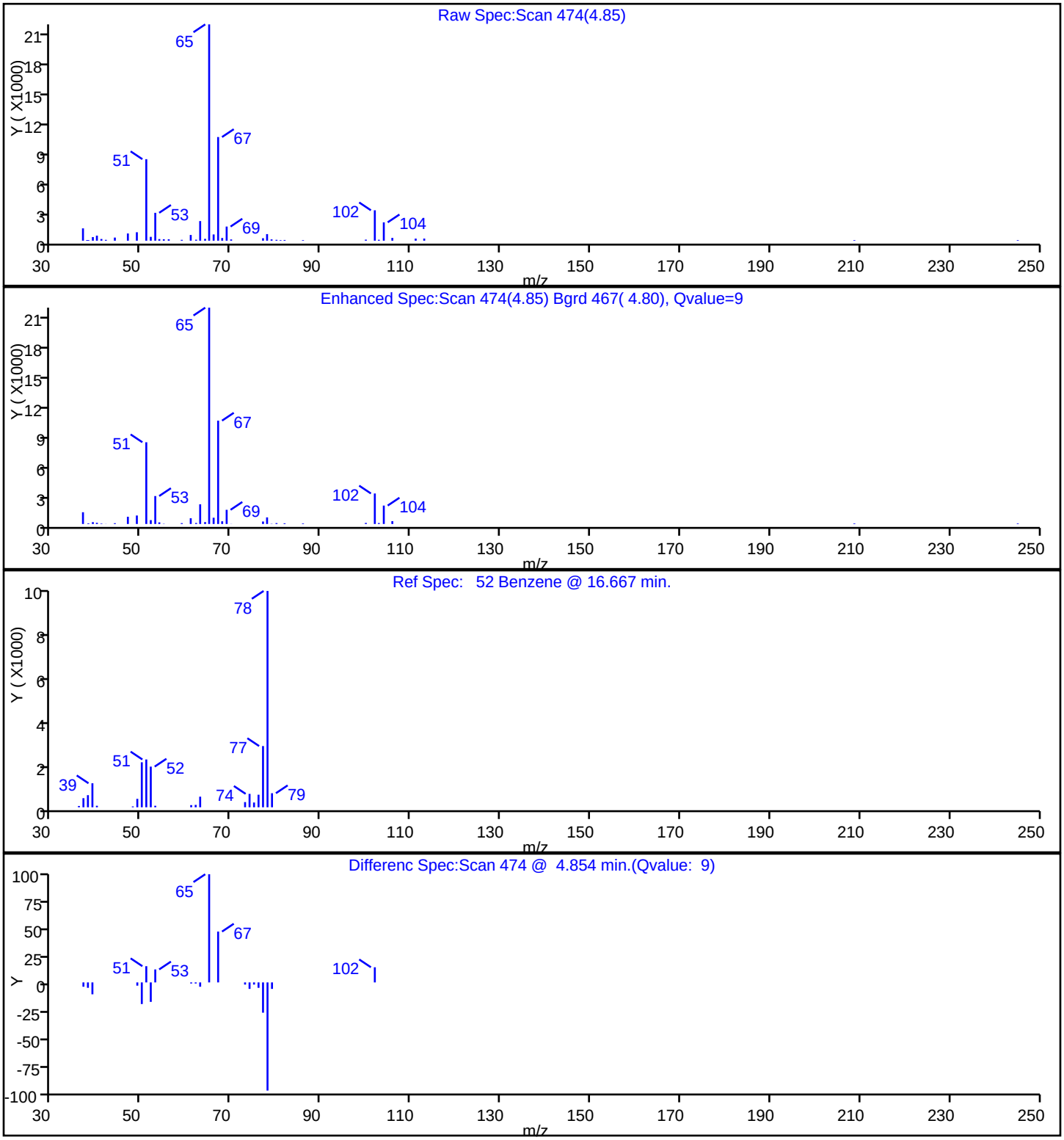
Report Date: 20-Sep-2013 16:48:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

52 Benzene



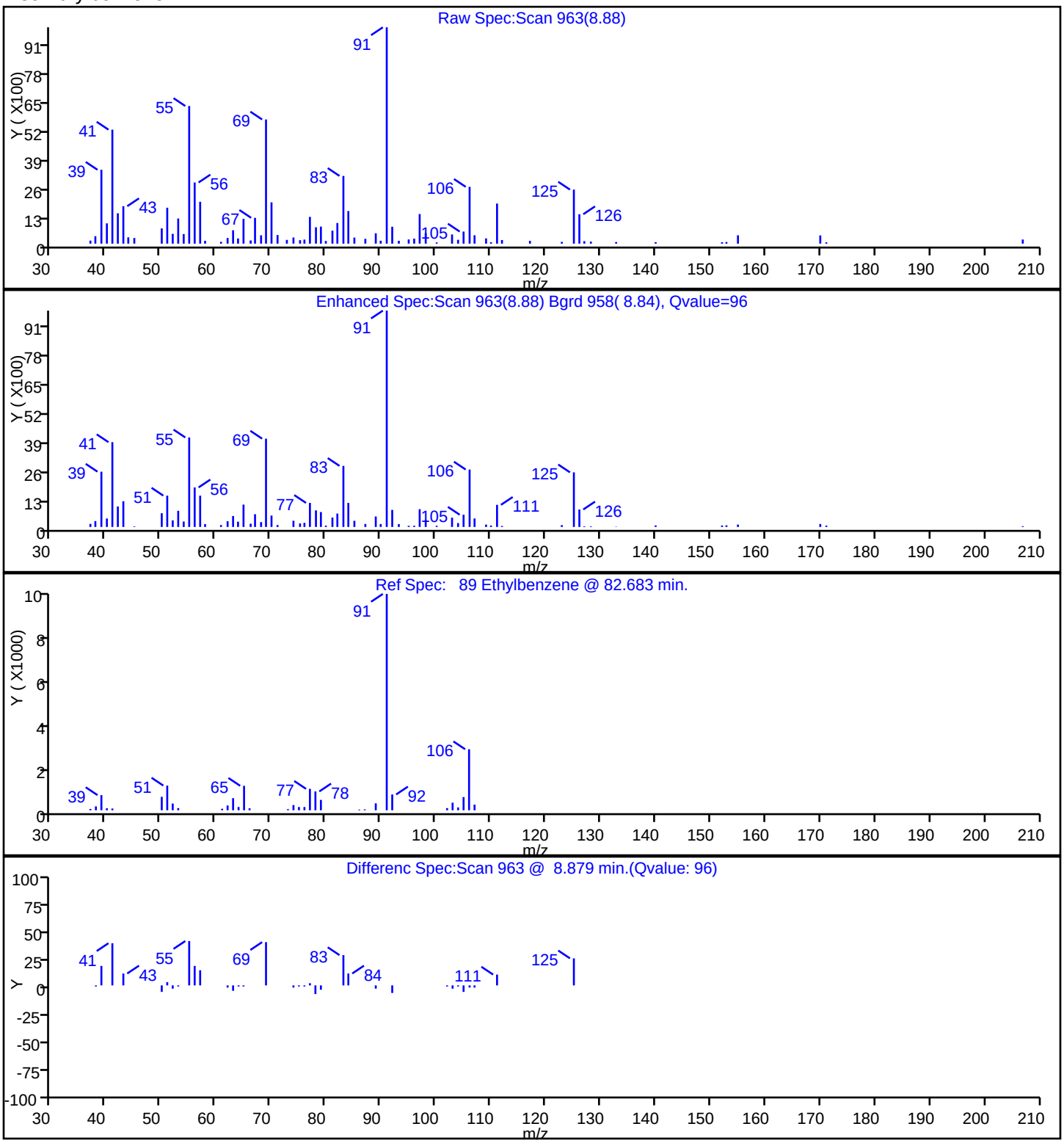
Report Date: 20-Sep-2013 16:48:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

89 Ethylbenzene



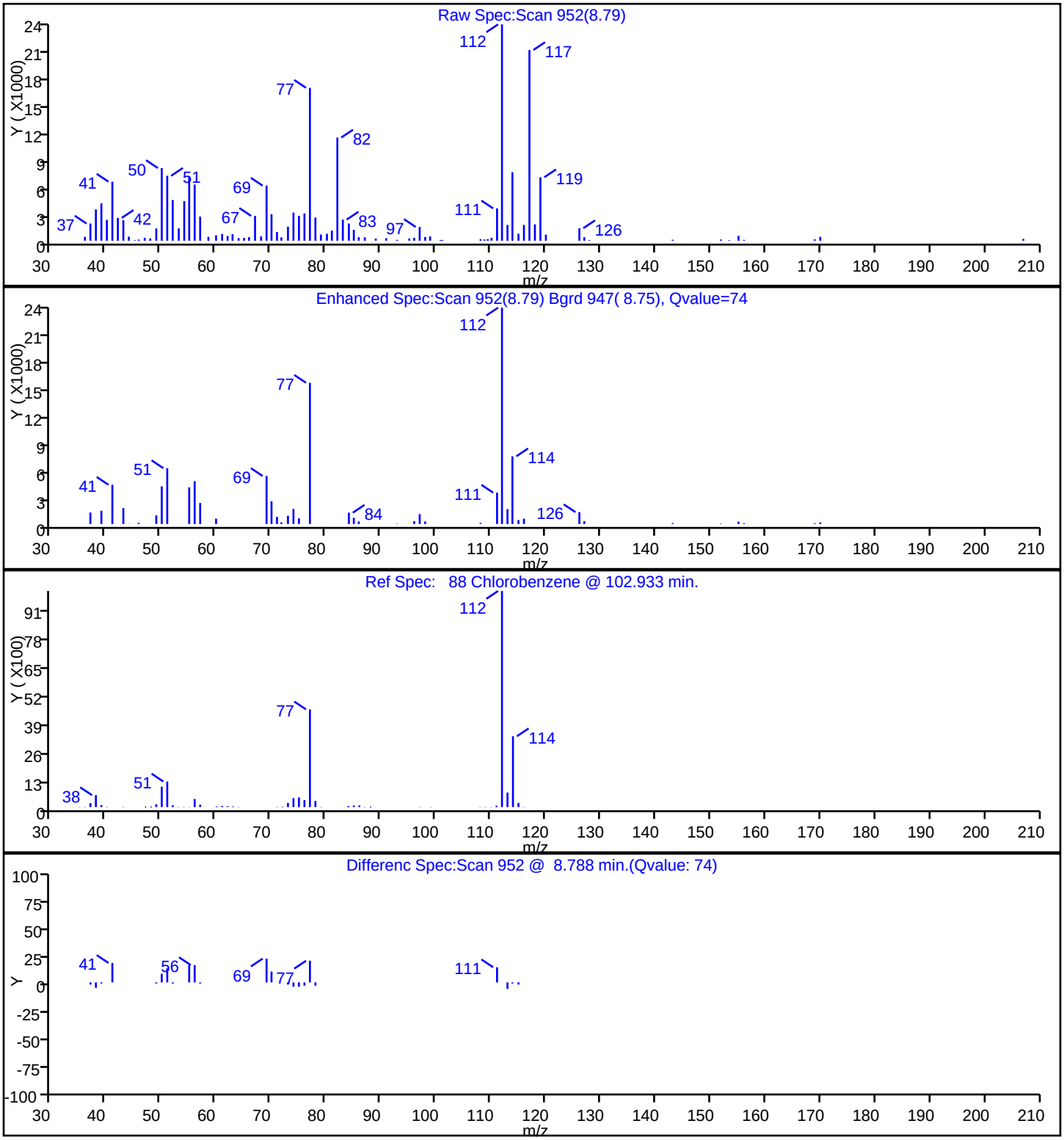
Report Date: 20-Sep-2013 16:48:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

88 Chlorobenzene



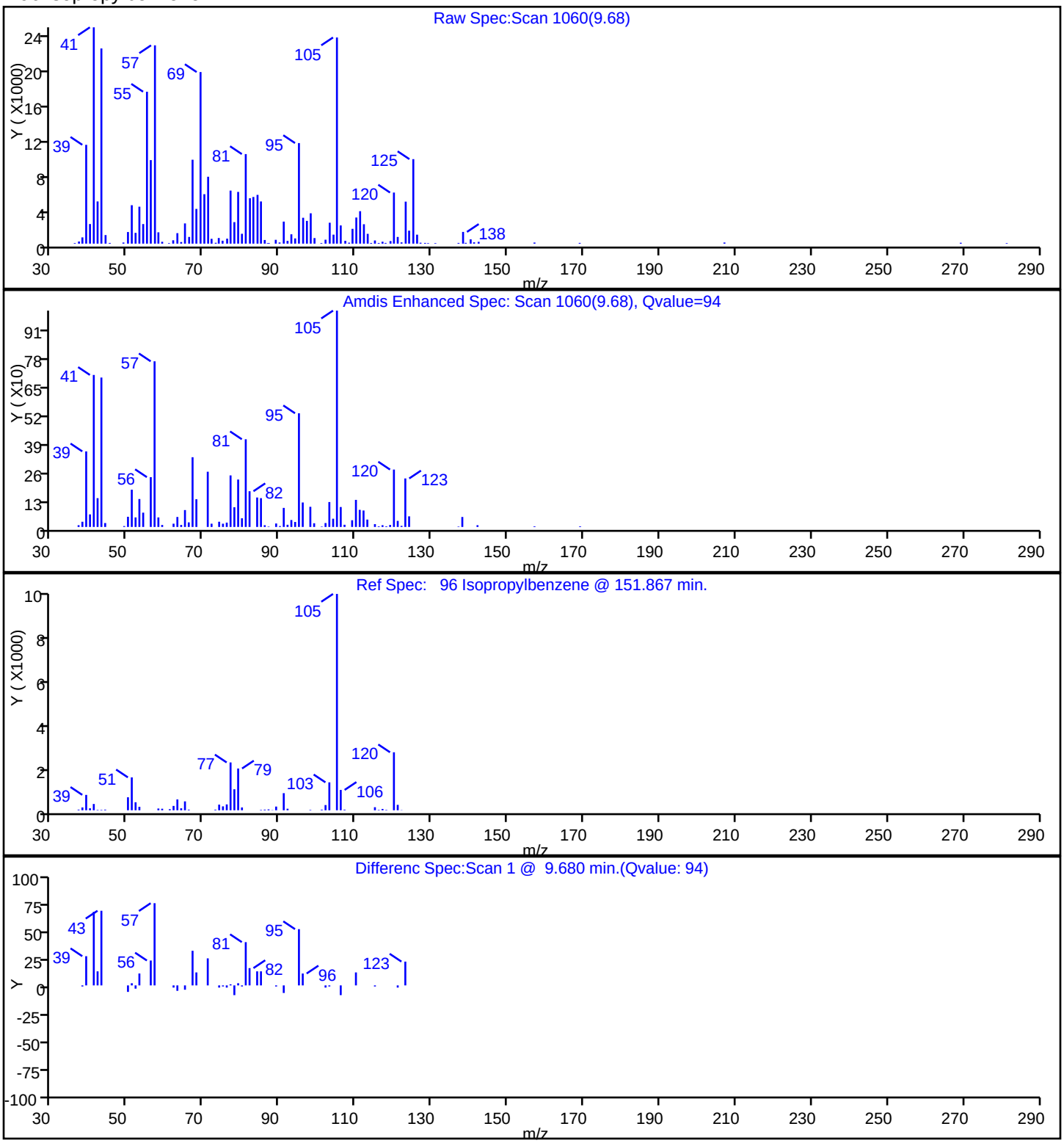
Report Date: 20-Sep-2013 16:48:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

96 Isopropylbenzene



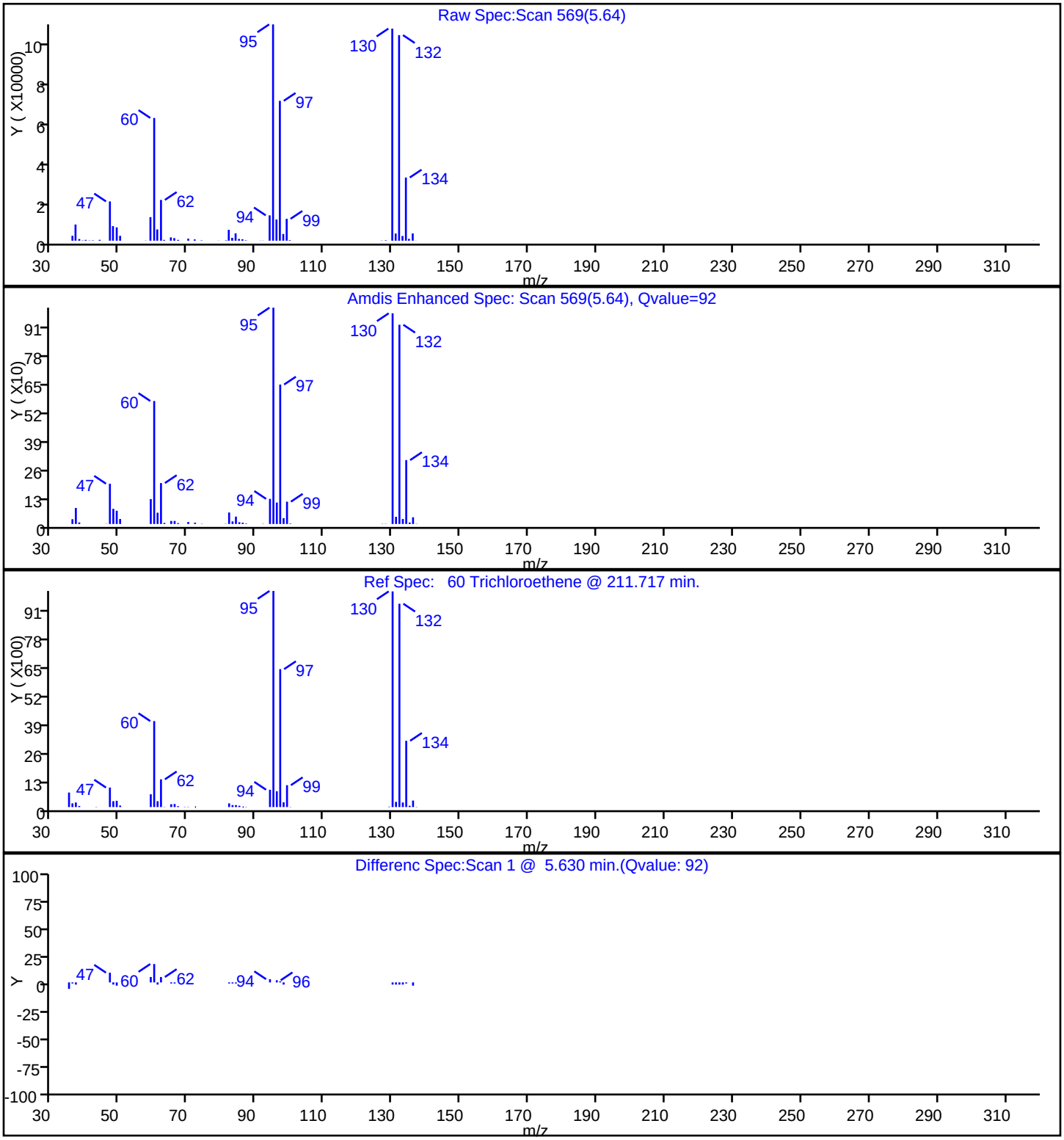
Report Date: 20-Sep-2013 16:48:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

60 Trichloroethene



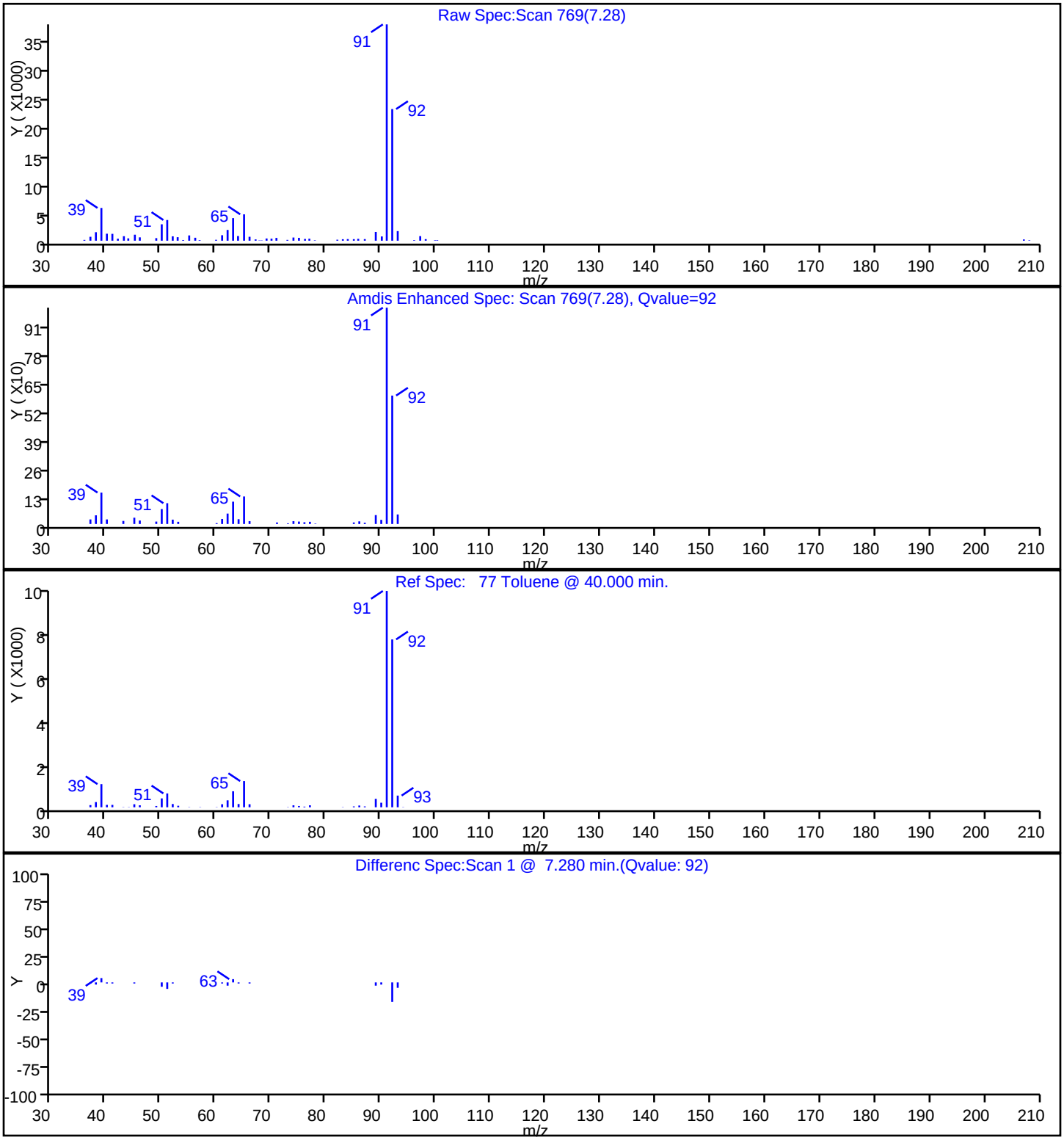
Report Date: 20-Sep-2013 16:48:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

77 Toluene



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TestAmerica Edison

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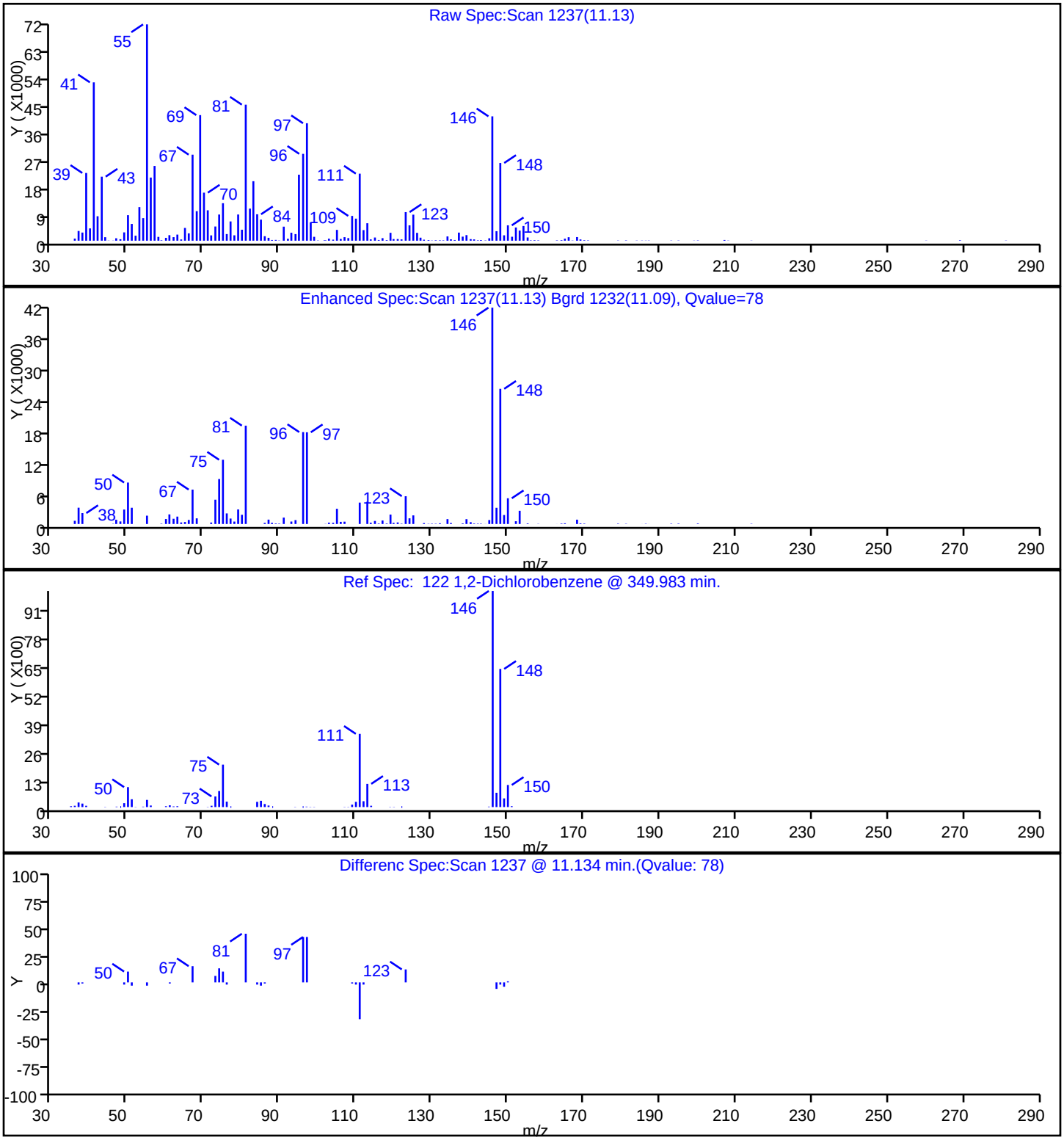
Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

122 1,2-Dichlorobenzene



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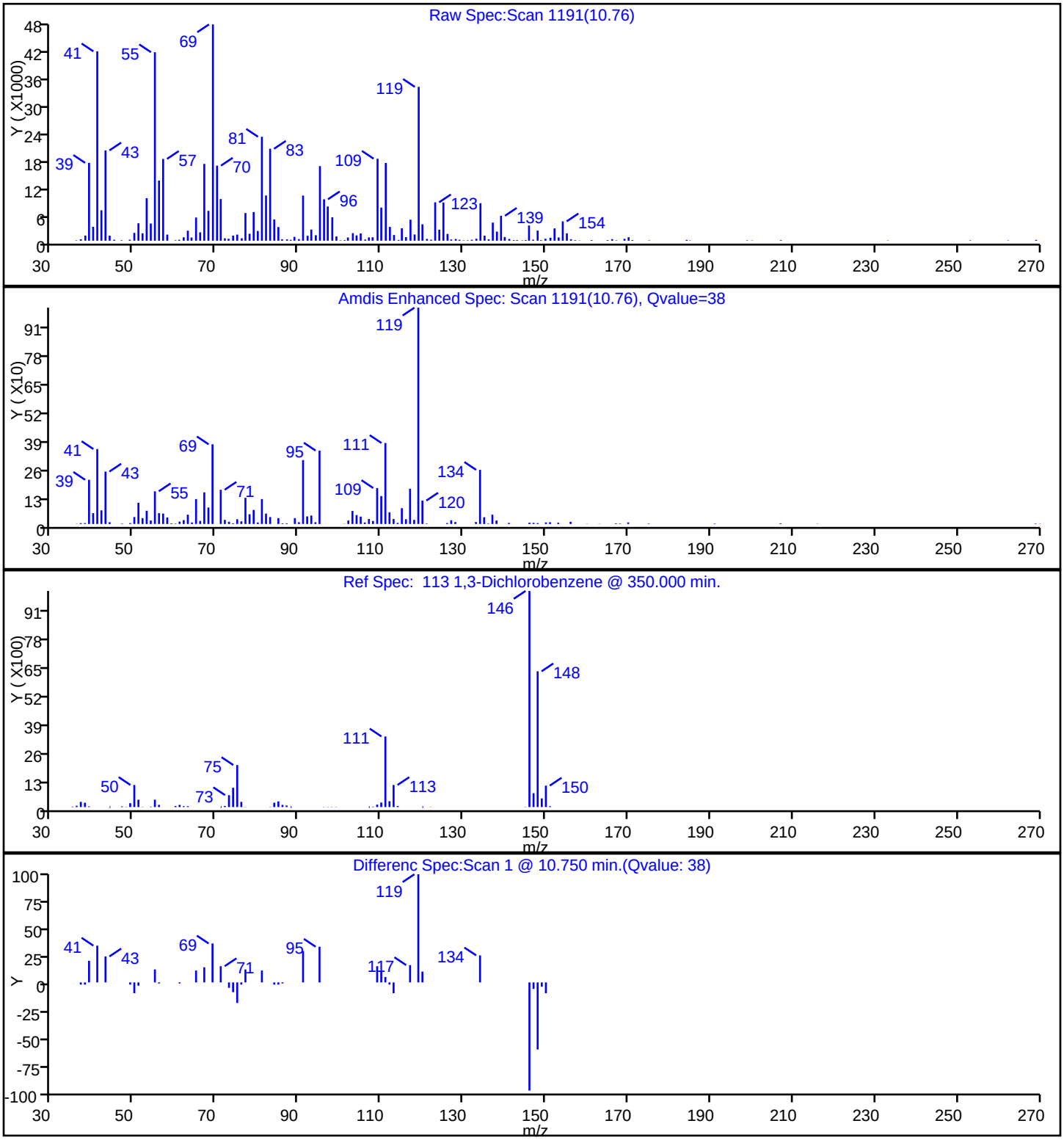
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
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 16:48:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

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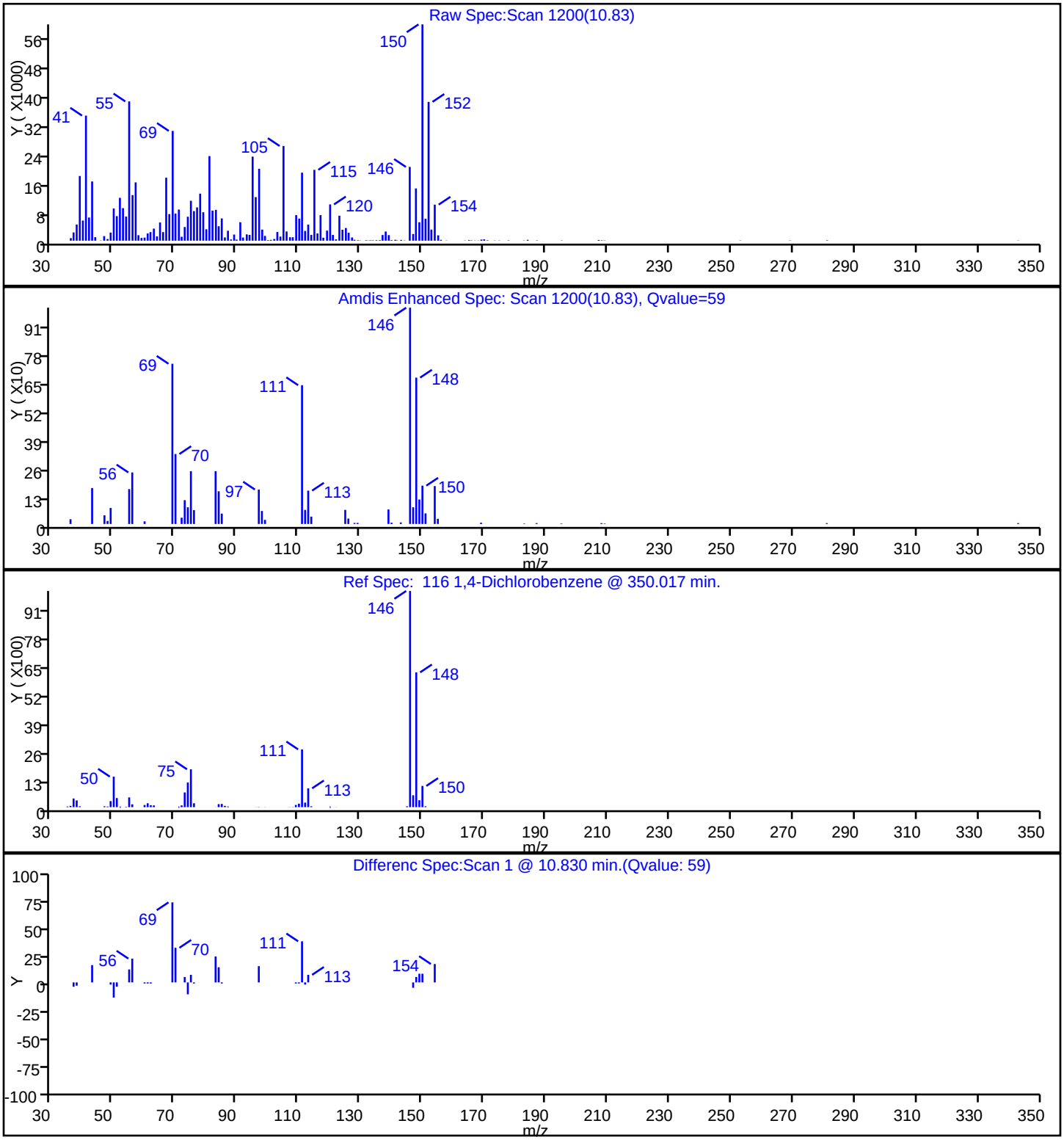
Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

116 1,4-Dichlorobenzene



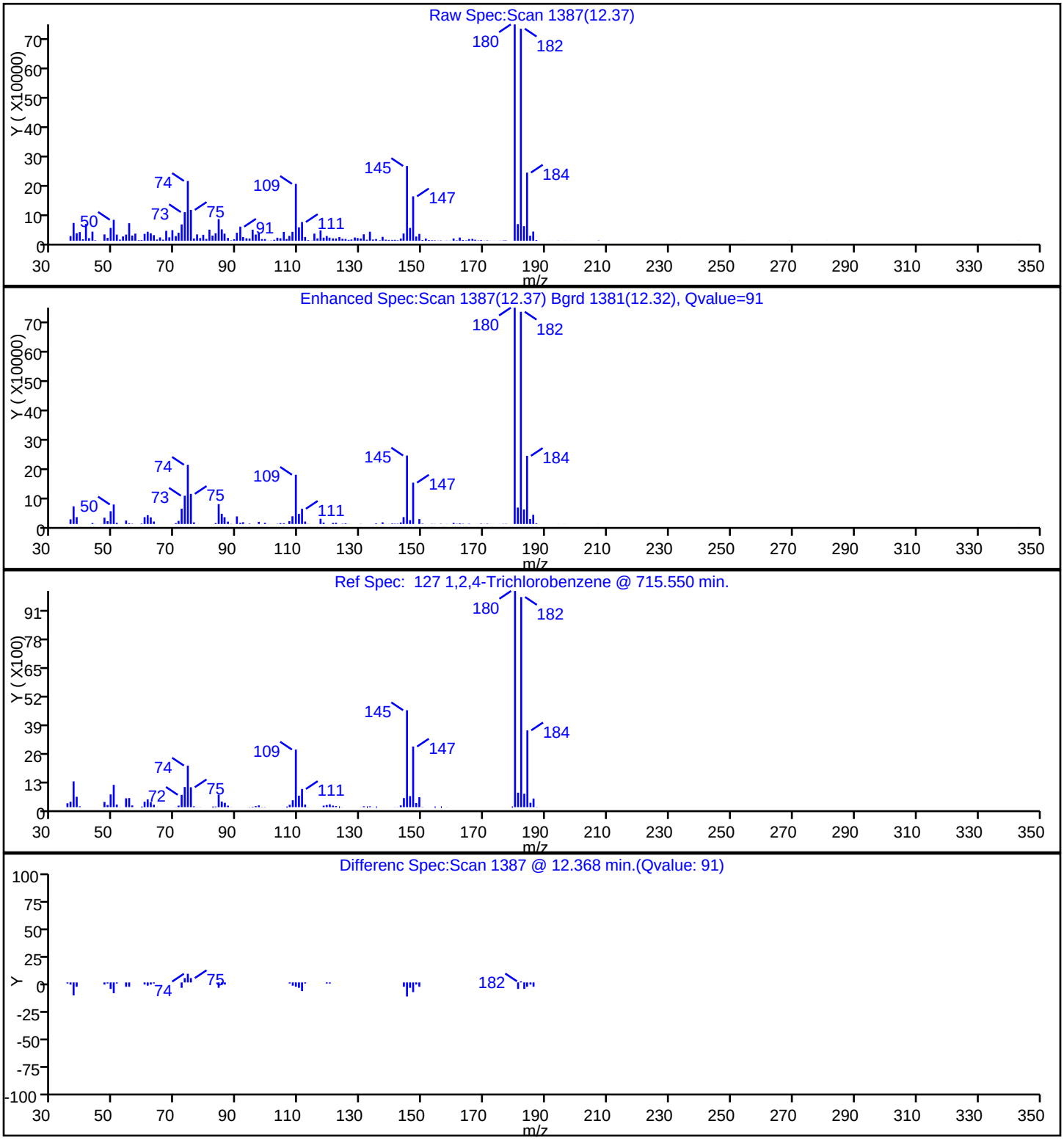
Report Date: 20-Sep-2013 16:48:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

127 1,2,4-Trichlorobenzene



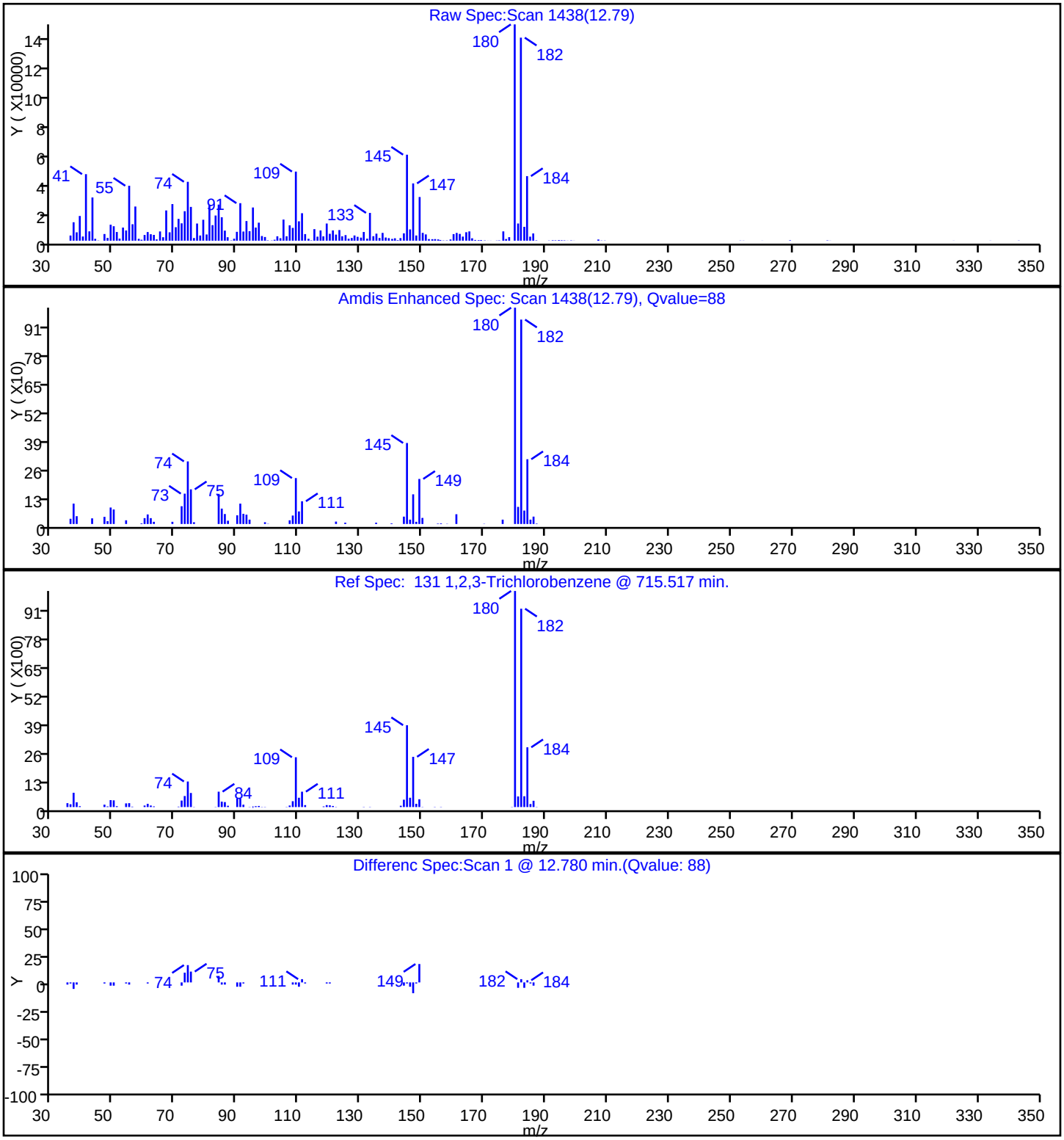
Report Date: 20-Sep-2013 16:48:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

131 1,2,3-Trichlorobenzene



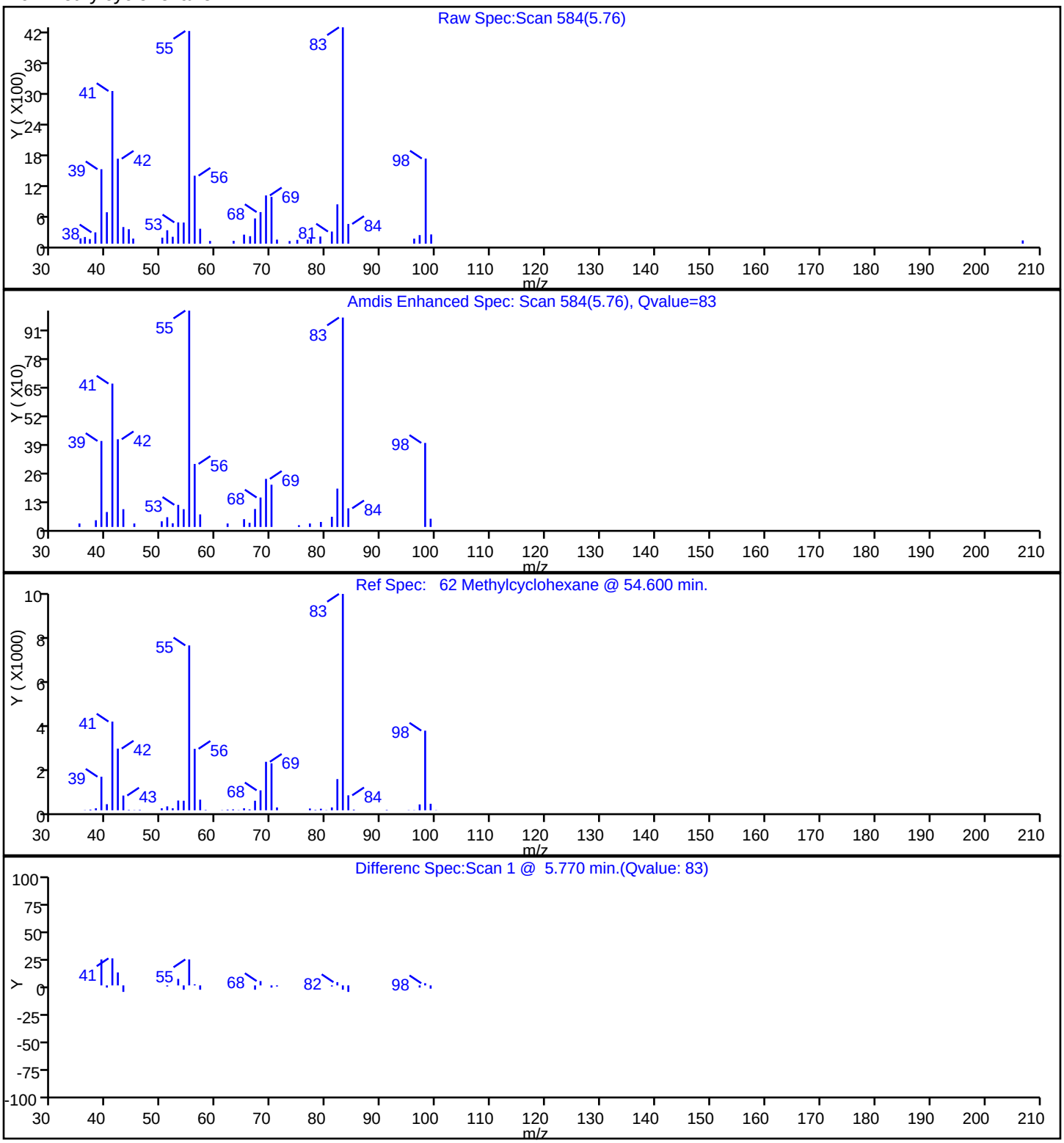
Report Date: 20-Sep-2013 16:48:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

62 Methylcyclohexane



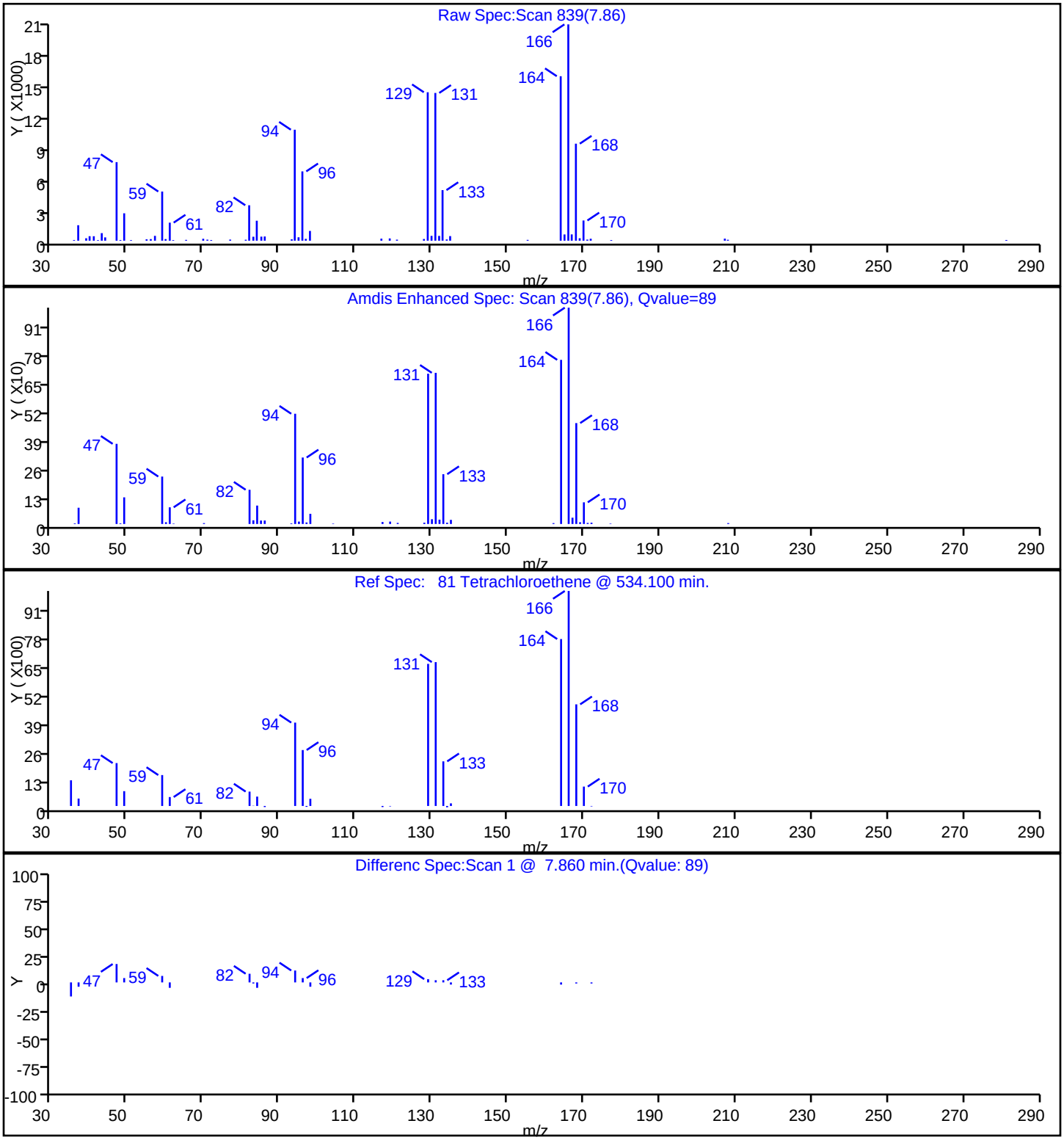
Report Date: 20-Sep-2013 16:48:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

81 Tetrachloroethene



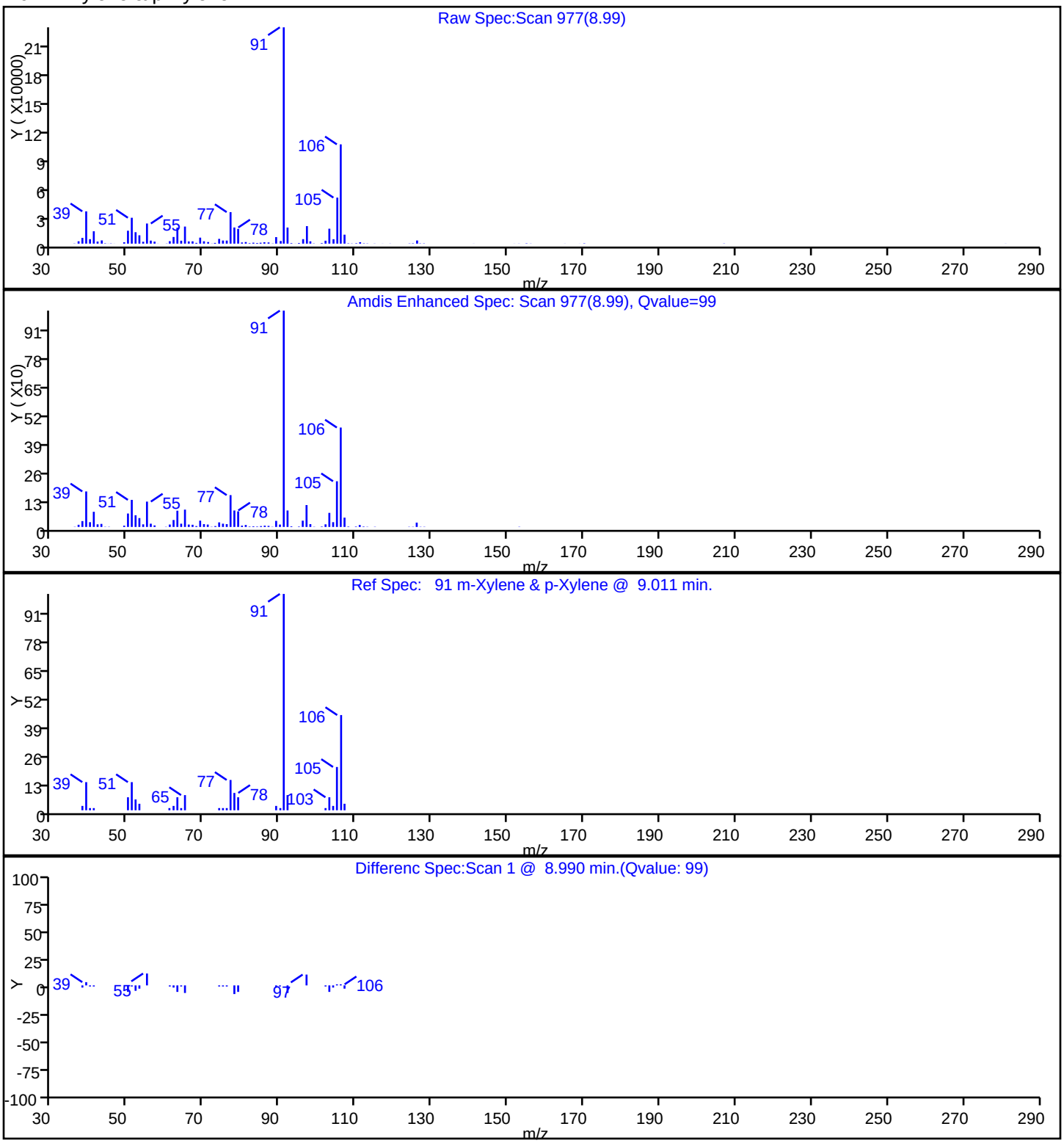
Report Date: 20-Sep-2013 16:48:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
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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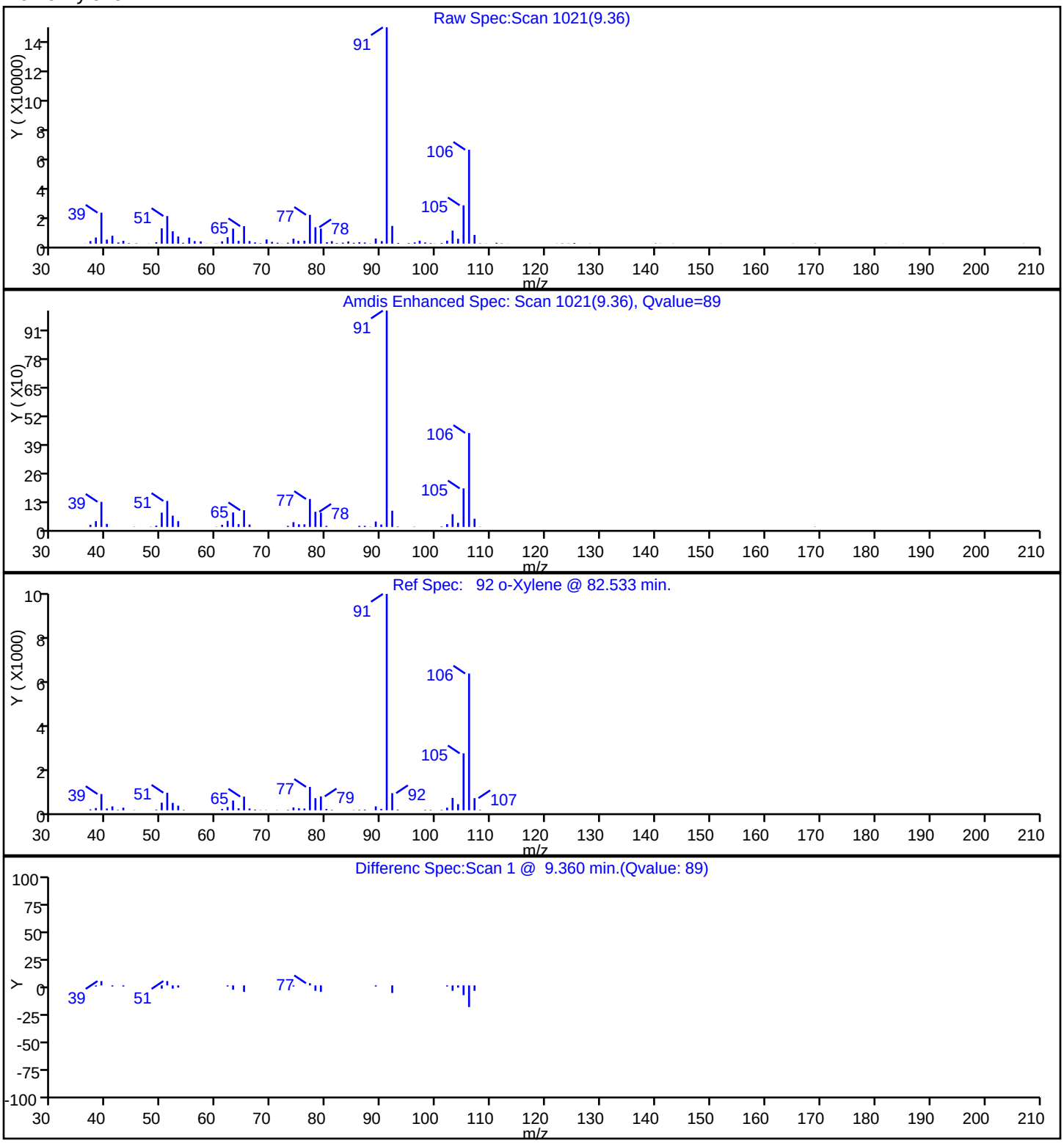
Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

92 o-Xylene



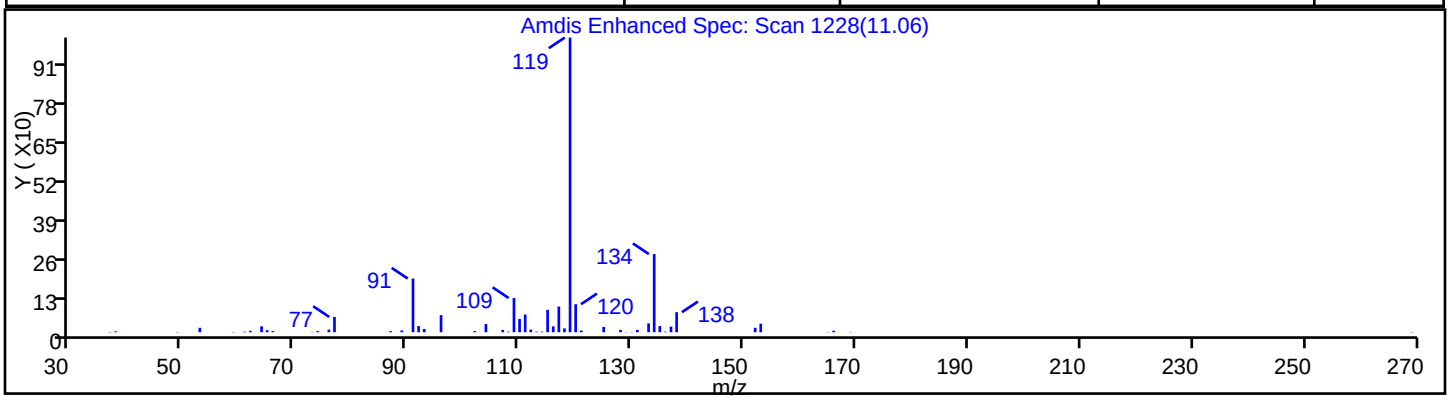
Report Date: 20-Sep-2013 16:48:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

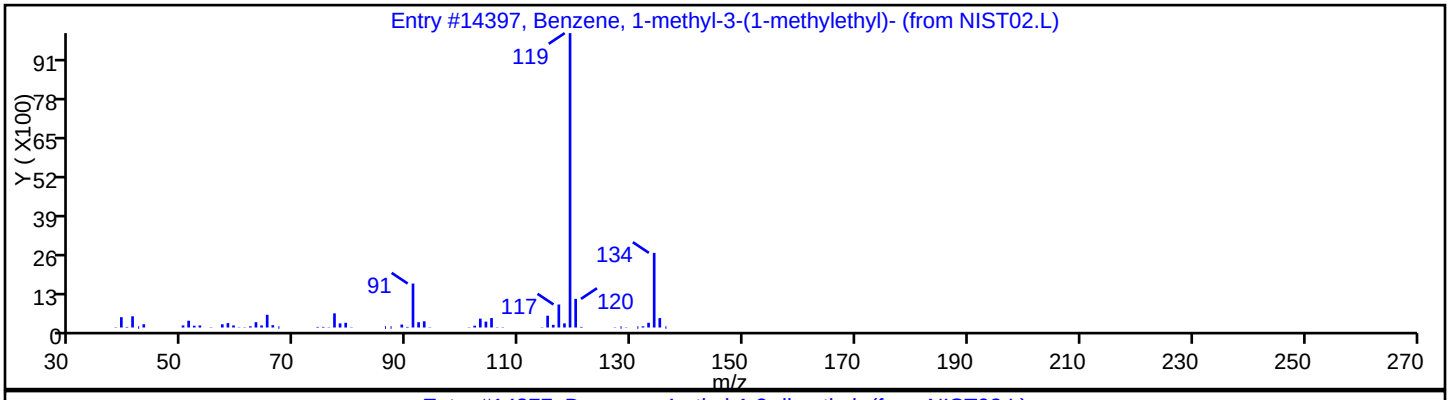
TestAmerica Edison

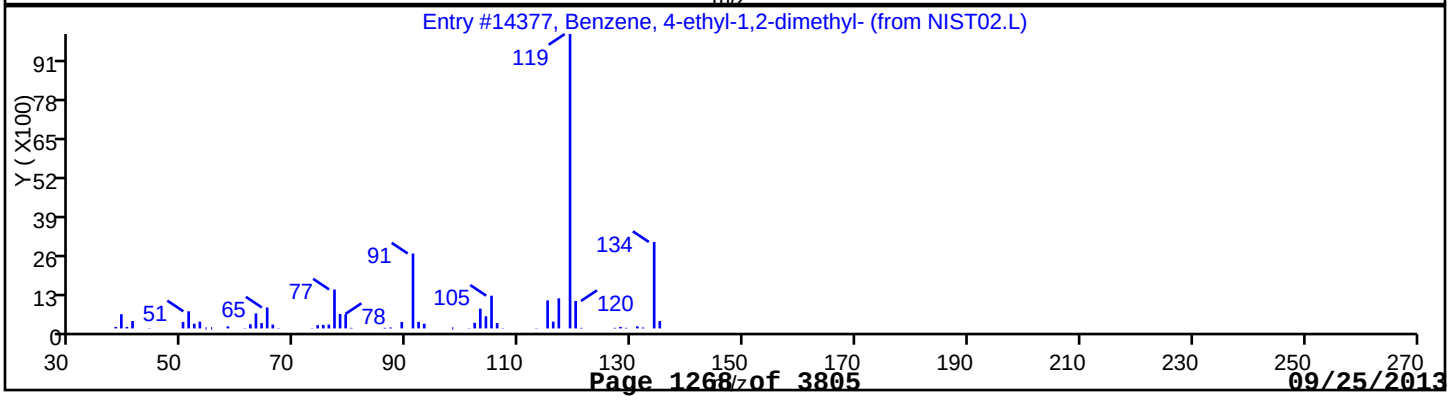
Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
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
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.L	14397	81
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14377	81







Report Date: 20-Sep-2013 16:48:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date: 19-Sep-2013 06:35:30 Limit Group: VOA - 8260B Water and Solid

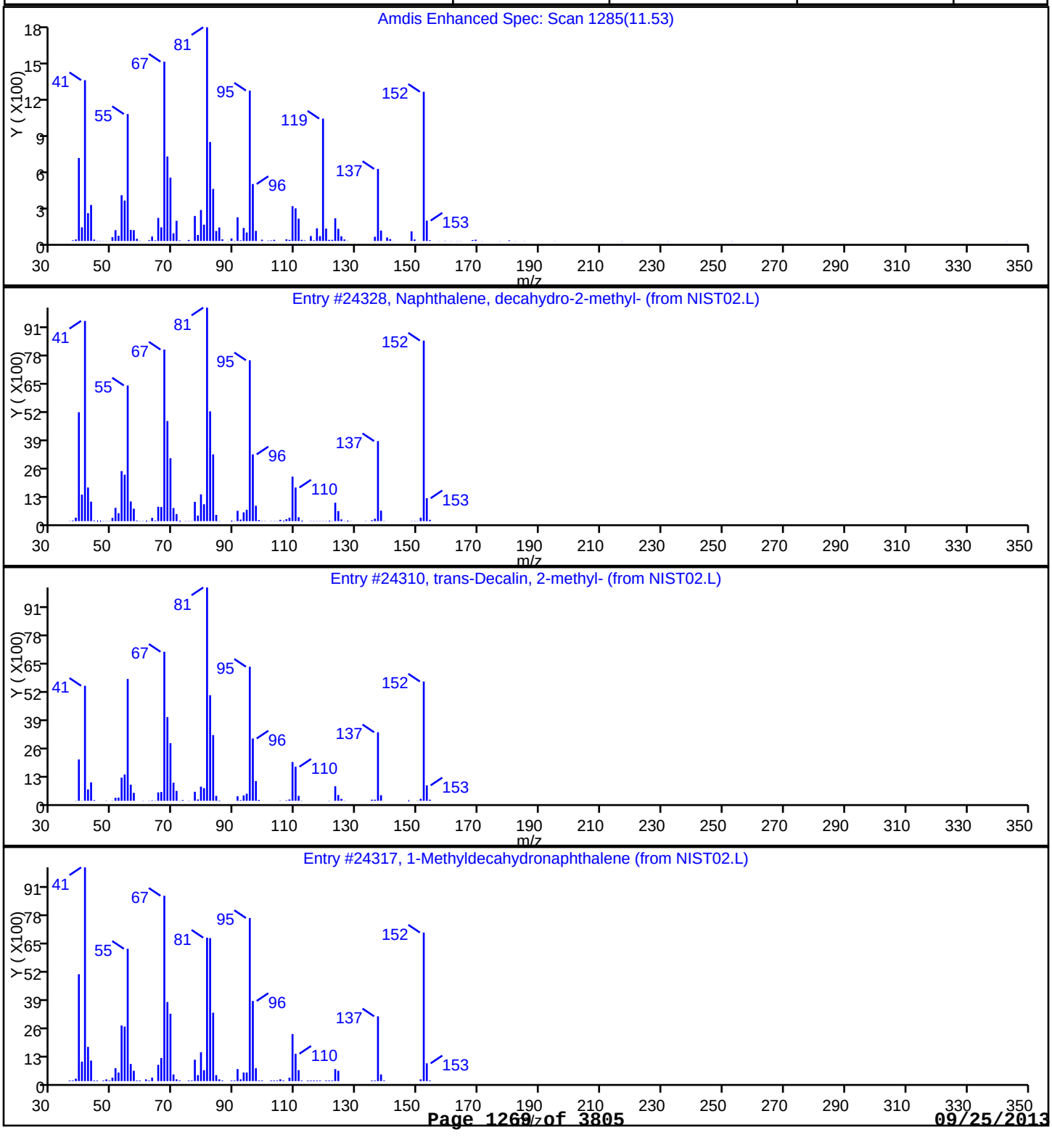
Client ID: PMP-24SE-VS Instrument ID: CVOAMS2

Lims Batch ID: 182063 Lims Sample ID: 23

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	93
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	89



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Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date: 19-Sep-2013 06:35:30 Limit Group: VOA - 8260B Water and Solid

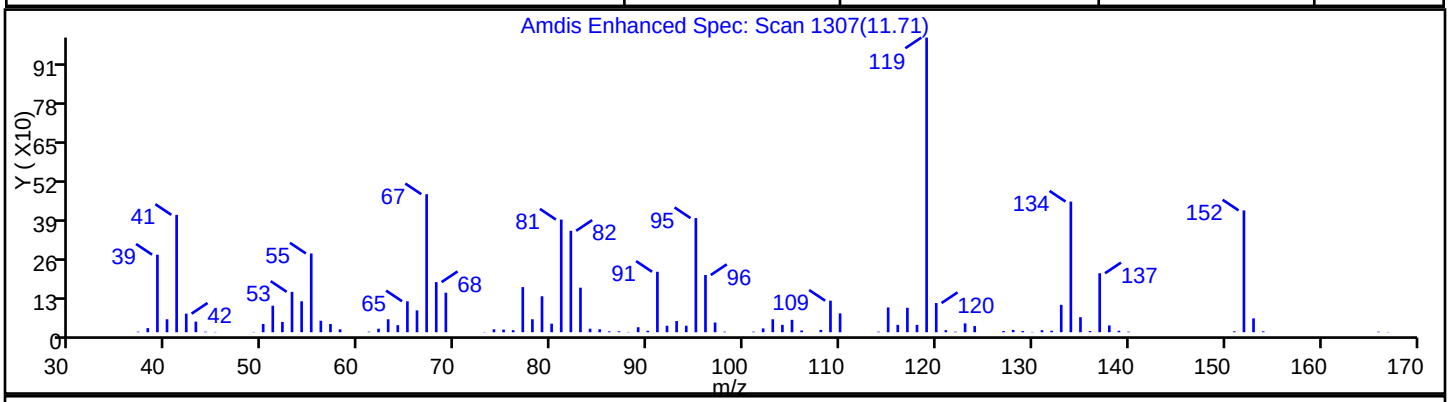
Client ID: PMP-24SE-VS Instrument ID: CVOAMS2

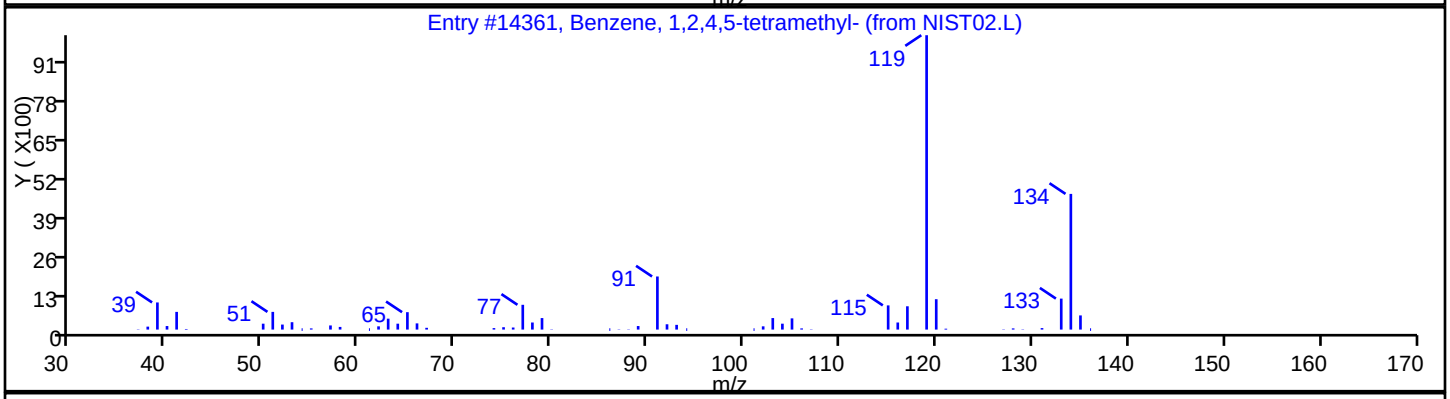
Lims Batch ID: 182063 Lims Sample ID: 23

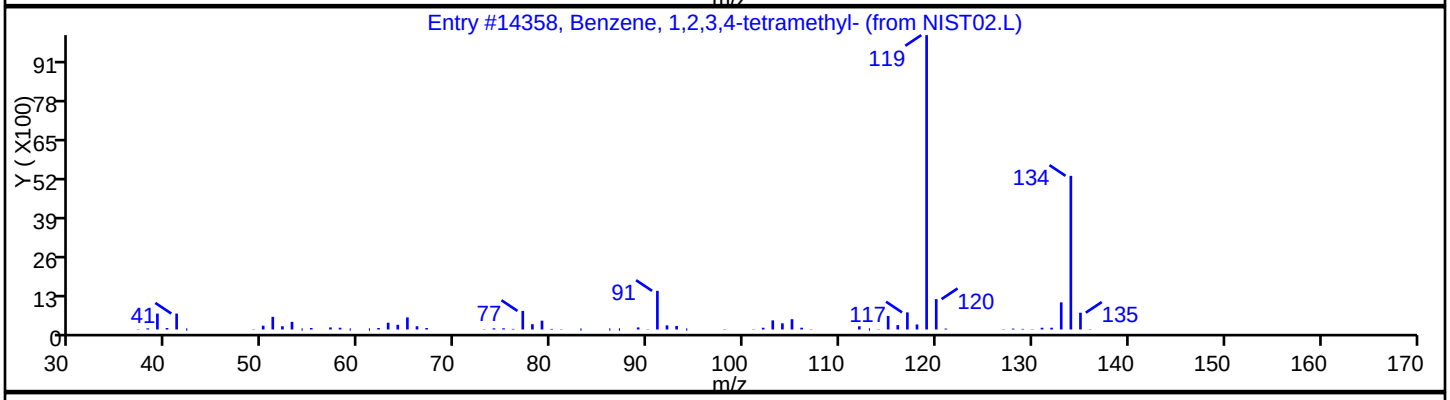
Operator ID: Purge Vol: 5.000 mL

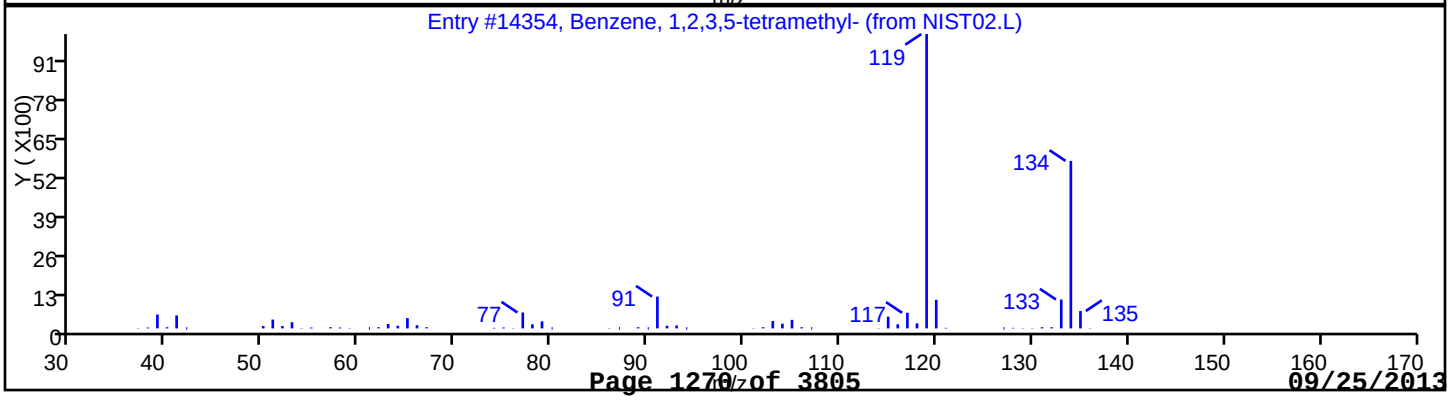
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	94
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14358	87
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14354	87









Report Date: 20-Sep-2013 16:48:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

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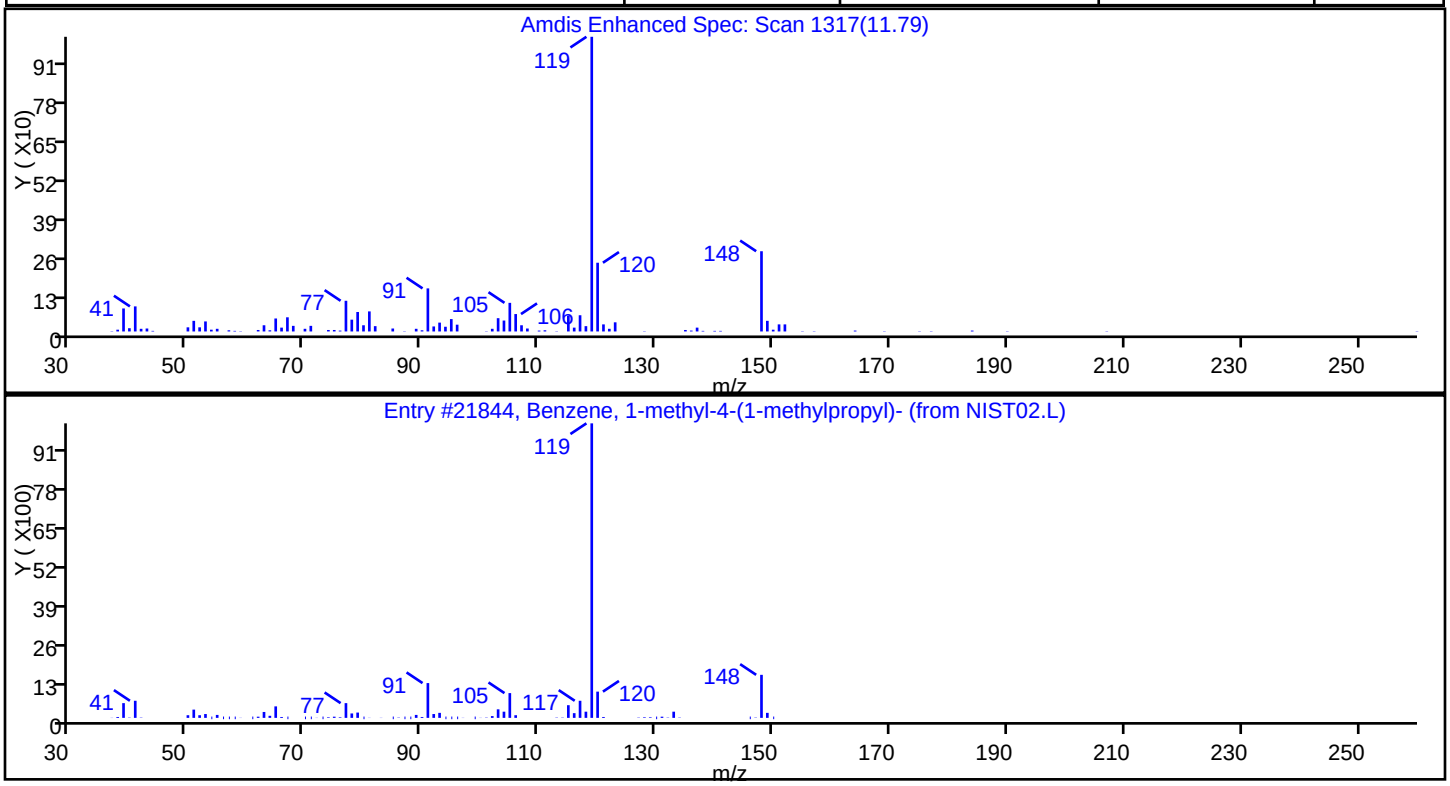
Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
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



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Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date: 19-Sep-2013 06:35:30 Limit Group: VOA - 8260B Water and Solid

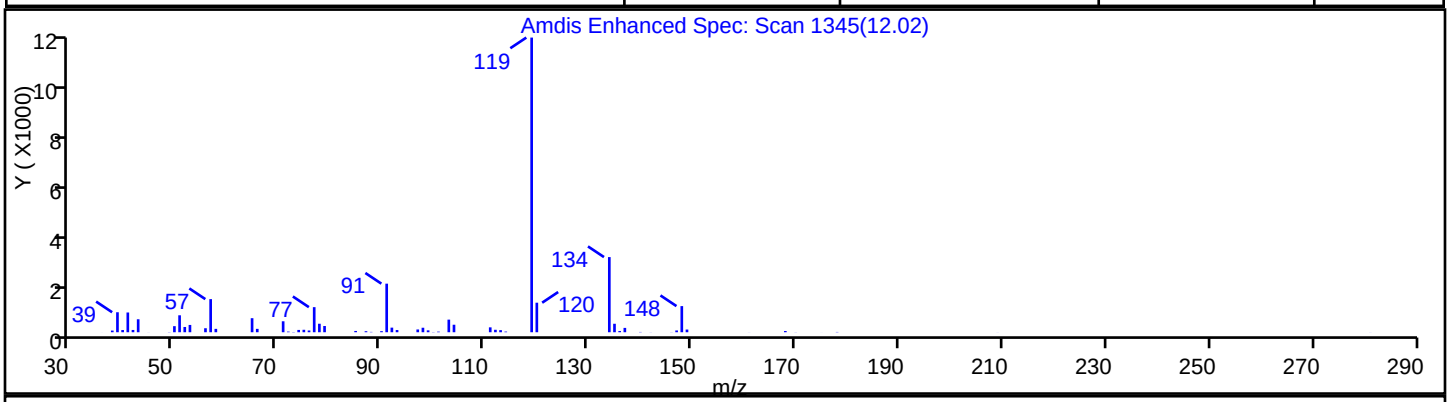
Client ID: PMP-24SE-VS Instrument ID: CVOAMS2

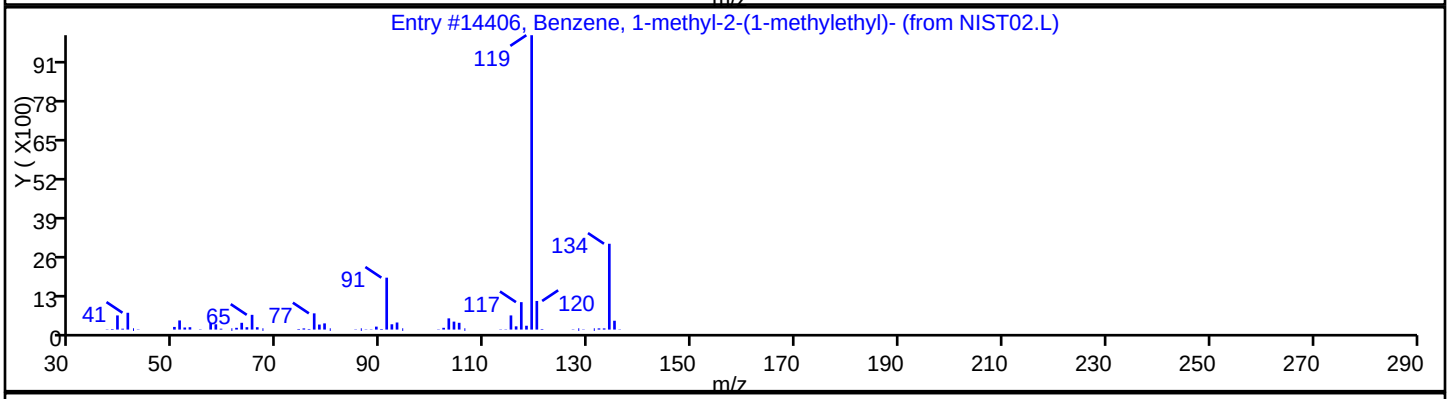
Lims Batch ID: 182063 Lims Sample ID: 23

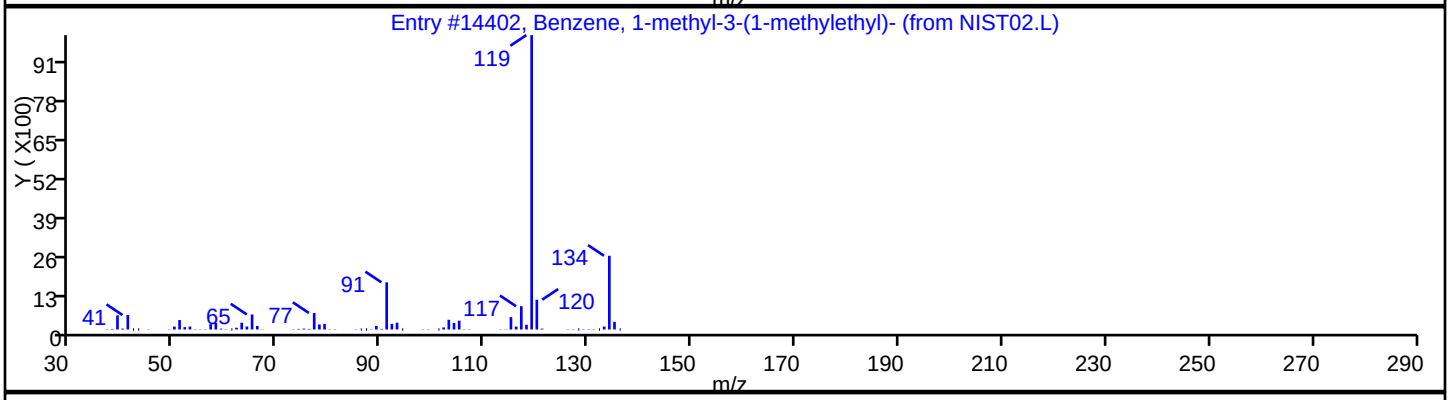
Operator ID: Purge Vol: 5.000 mL

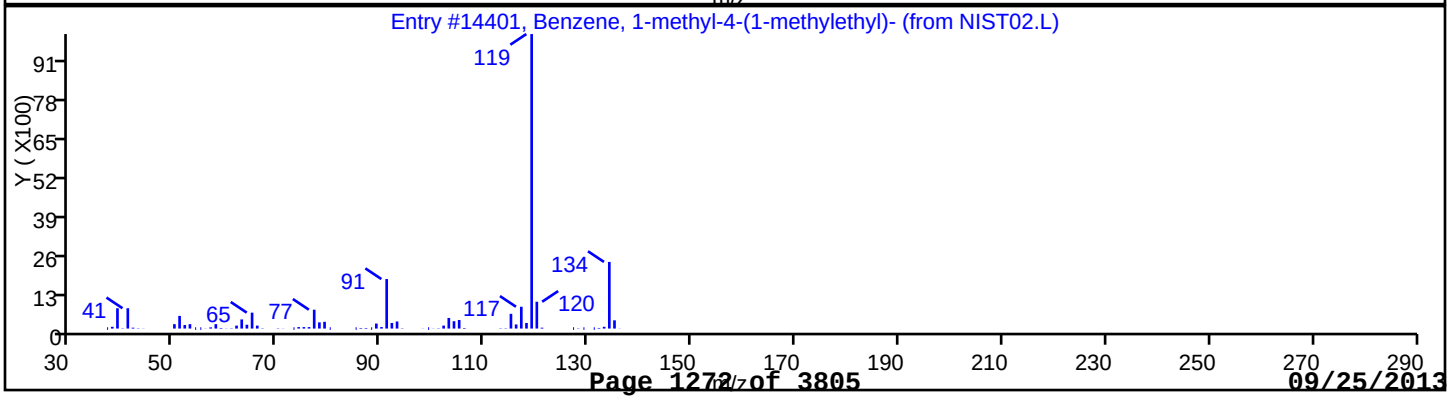
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14406	87
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.L	14402	83
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.L	14401	83









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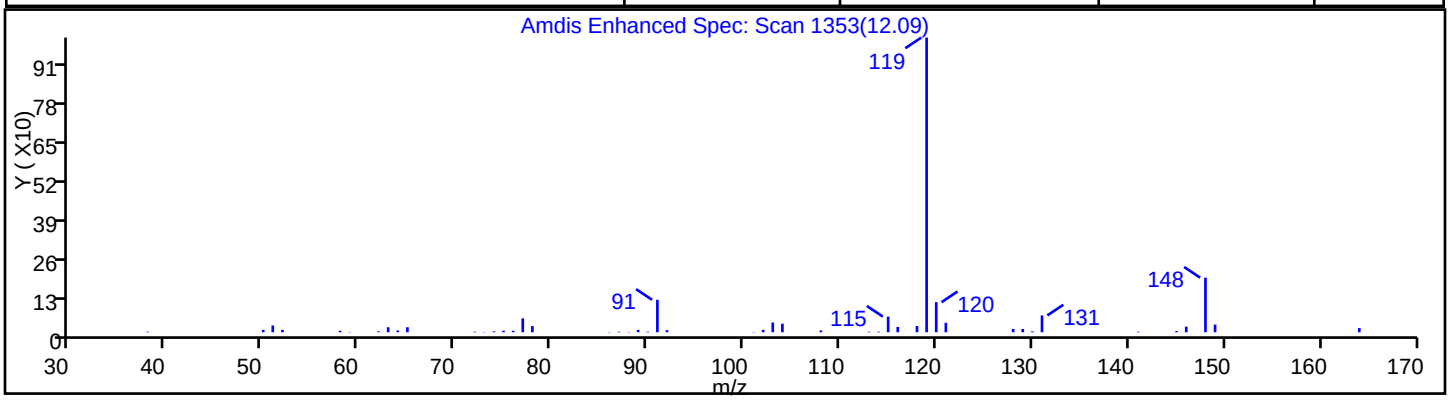
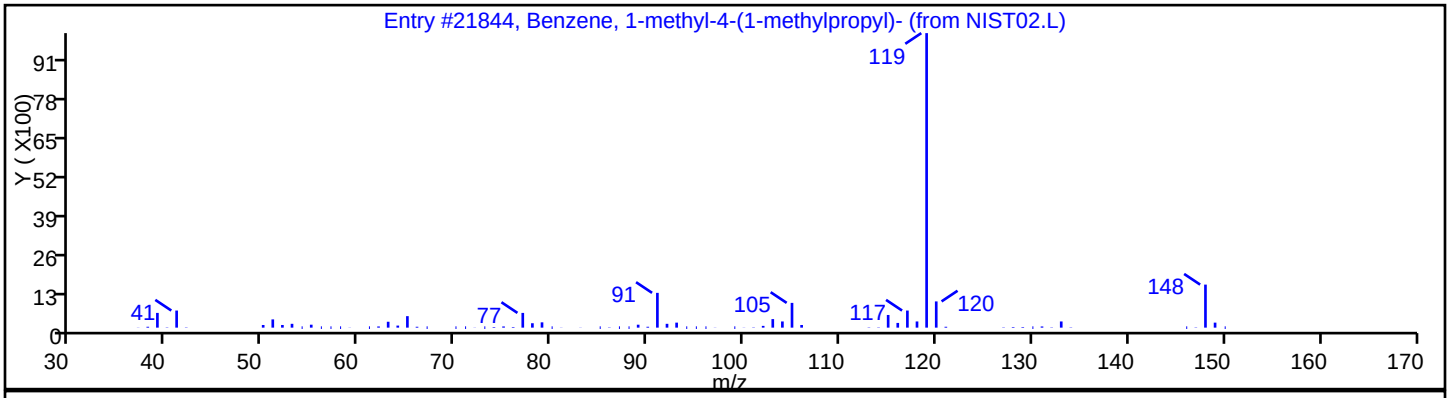
TestAmerica Edison

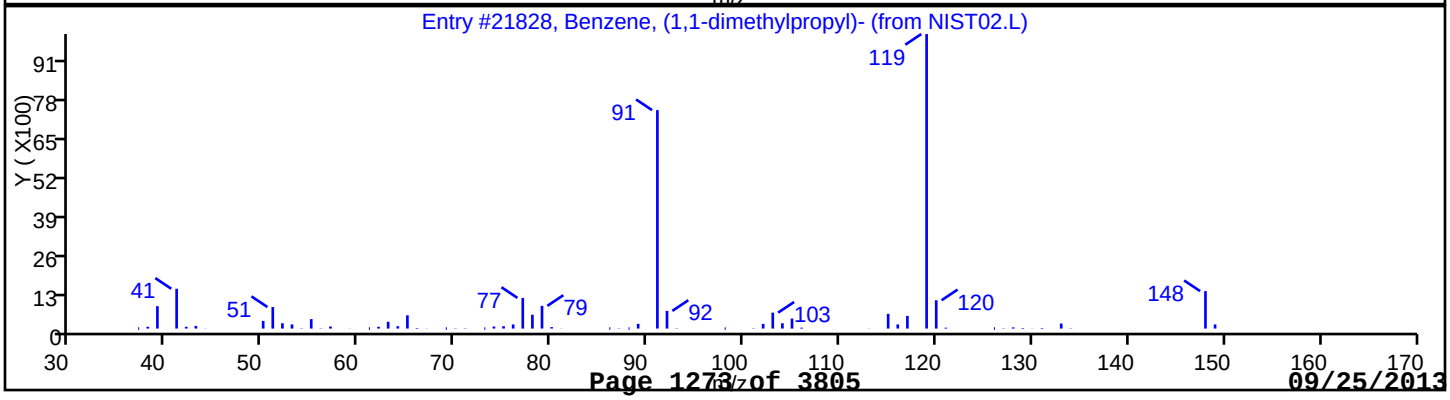
Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
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
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	83
Benzene, (1,1-dimethylpropyl)-	2049-95-8	NIST02.L	21828	72







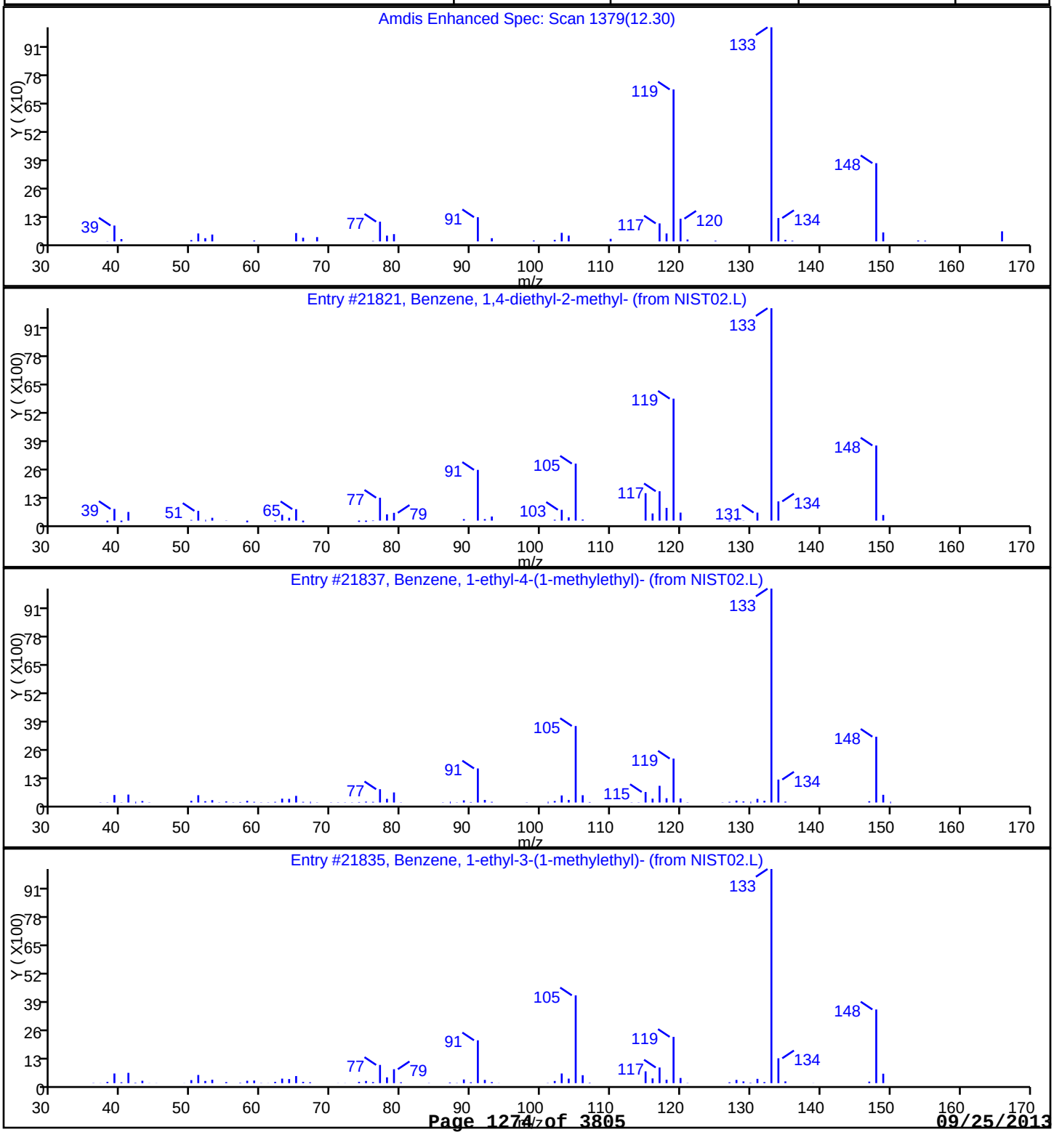
Report Date: 20-Sep-2013 16:48:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
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-ethyl-4-(1-methylethyl)-	4218-48-8	NIST02.L	21837	72
Benzene, 1-ethyl-3-(1-methylethyl)-	4920-99-4	NIST02.L	21835	72



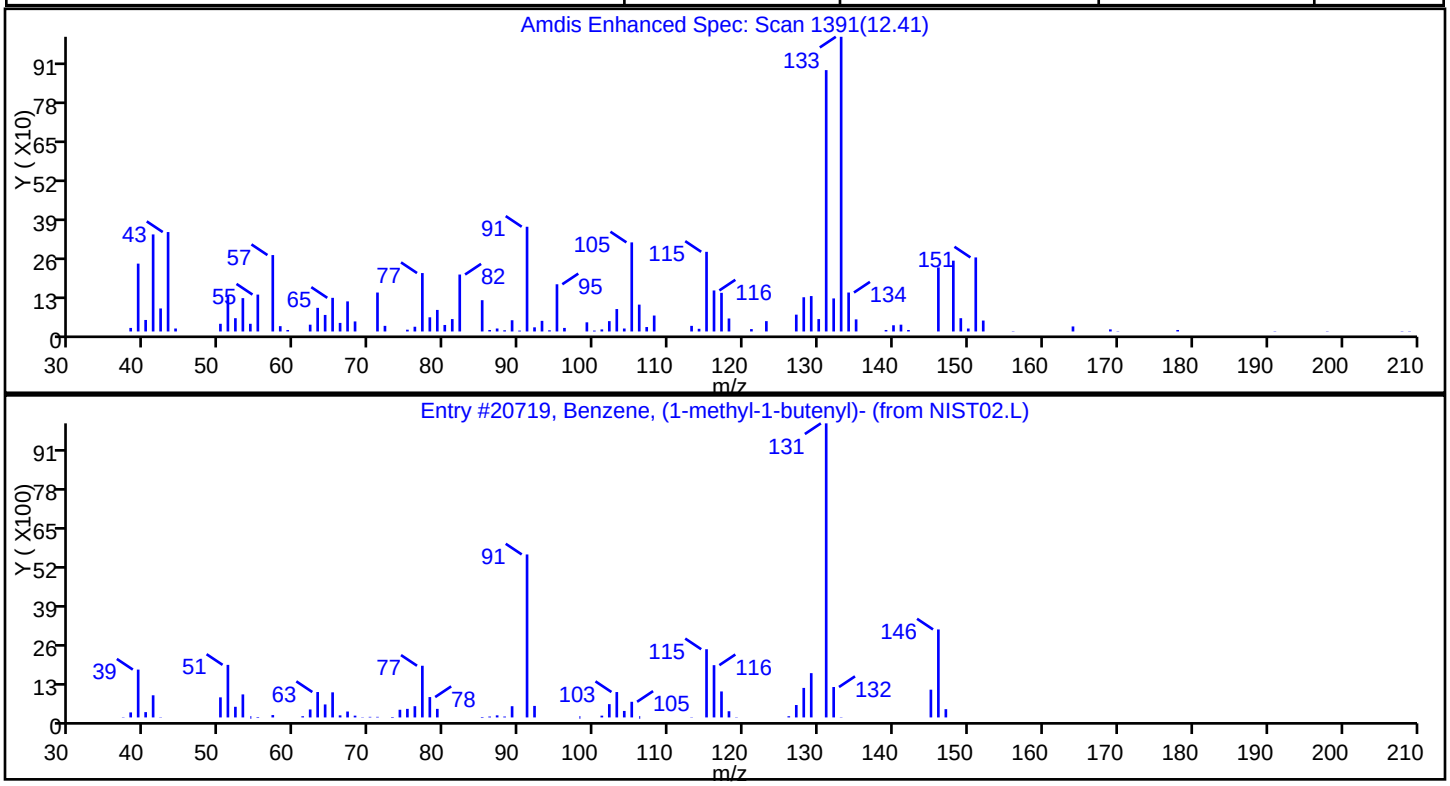
Report Date: 20-Sep-2013 16:48:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
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-1-butenyl)-	53172-84-2	NIST02.L	20719	87



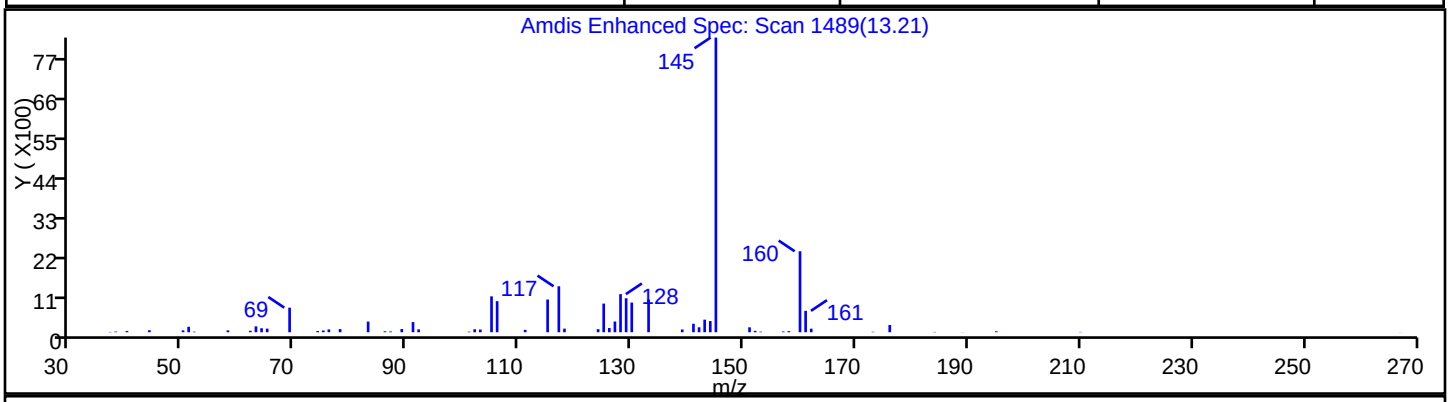
Report Date: 20-Sep-2013 16:48:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

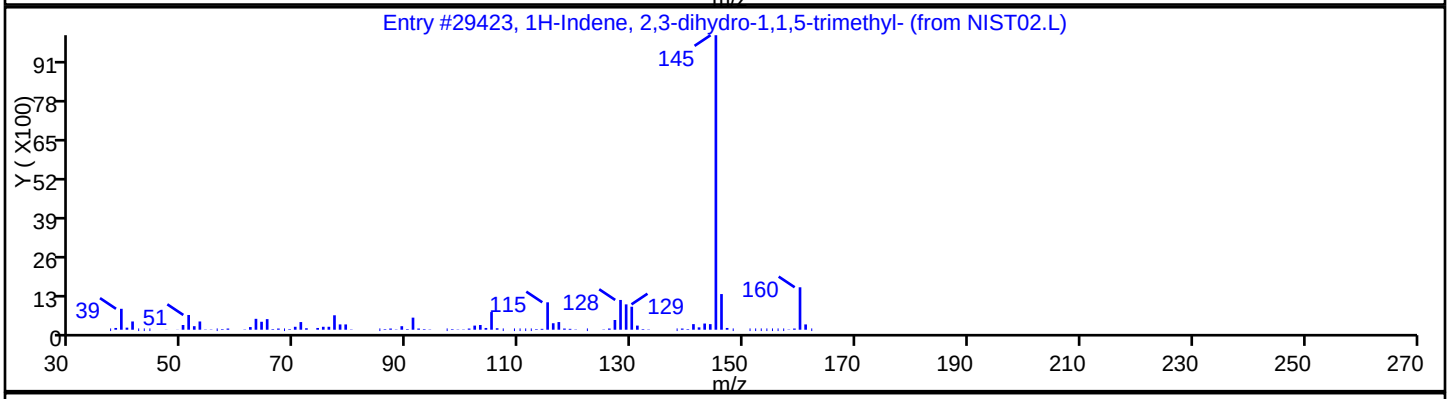
TestAmerica Edison

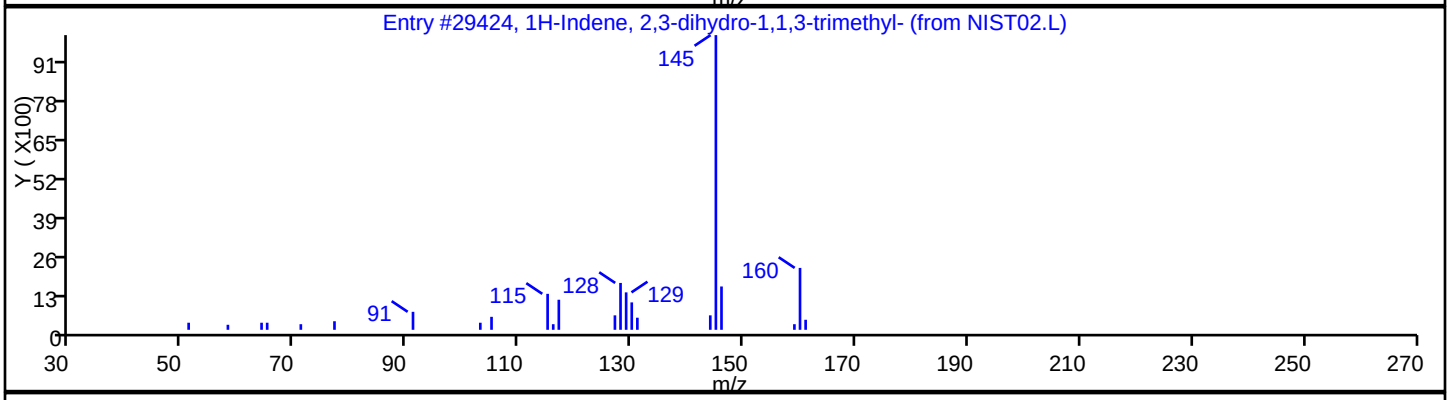
Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

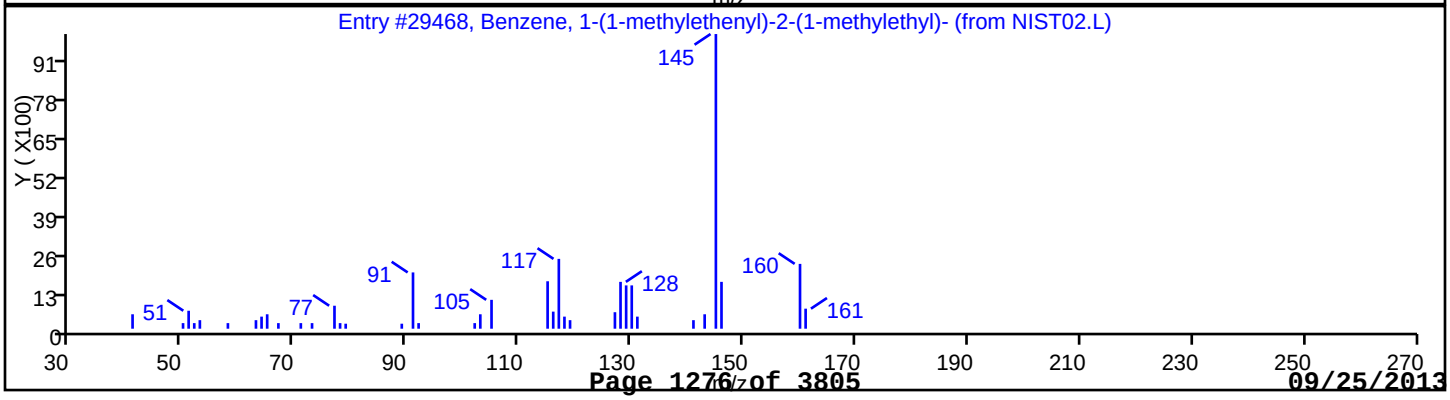
Injection Date:	19-Sep-2013 06:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VS	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	23
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	40650-41-7	NIST02.L	29423	81
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	2613-76-5	NIST02.L	29424	81
Benzene, 1-(1-methylethenyl)-2-(1-methyl	5557-93-7	NIST02.L	29468	81









Report Date: 20-Sep-2013 16:48:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60659.D

Injection Date: 19-Sep-2013 06:35:30 Limit Group: VOA - 8260B Water and Solid

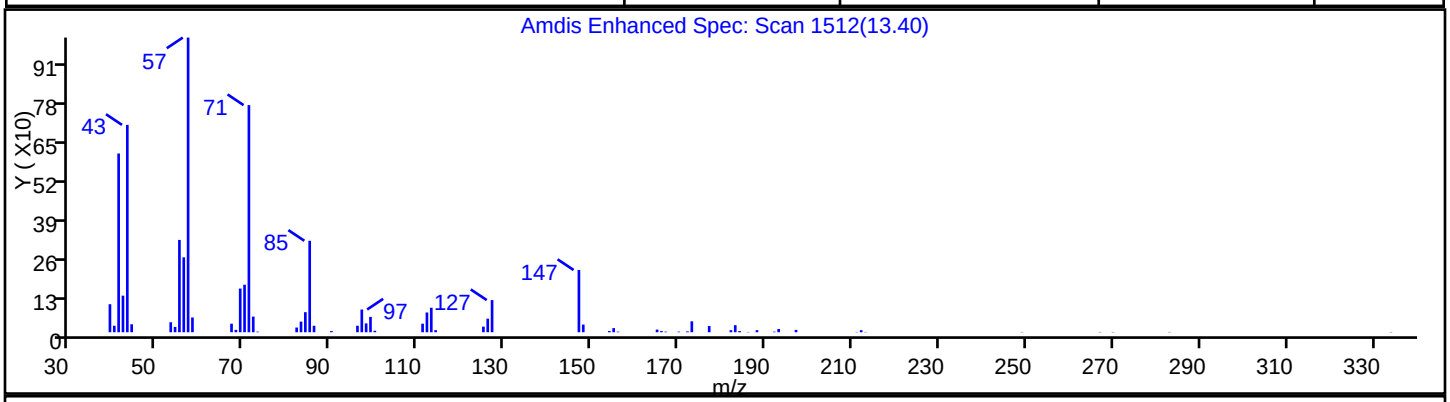
Client ID: PMP-24SE-VS Instrument ID: CVOAMS2

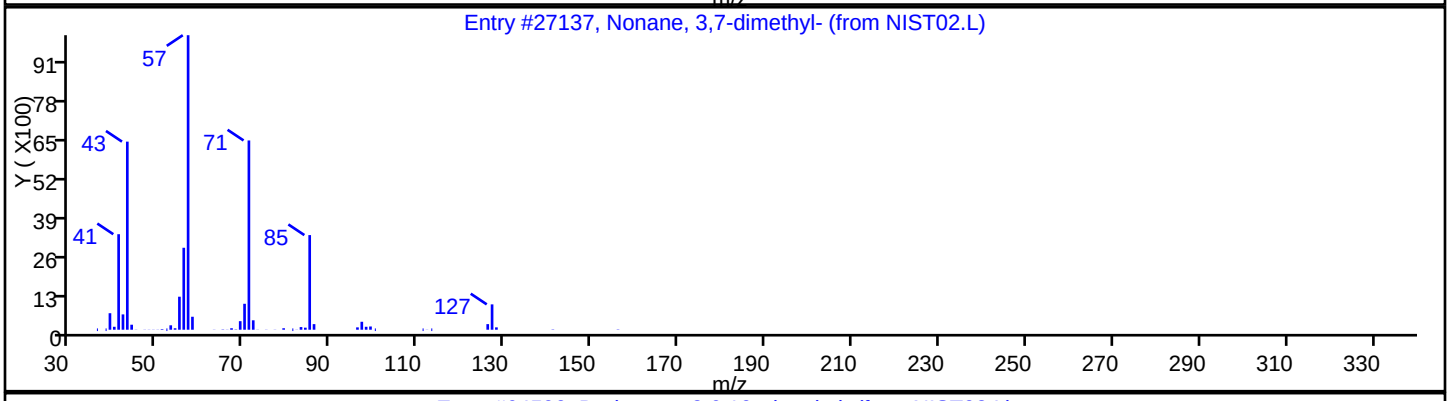
Lims Batch ID: 182063 Lims Sample ID: 23

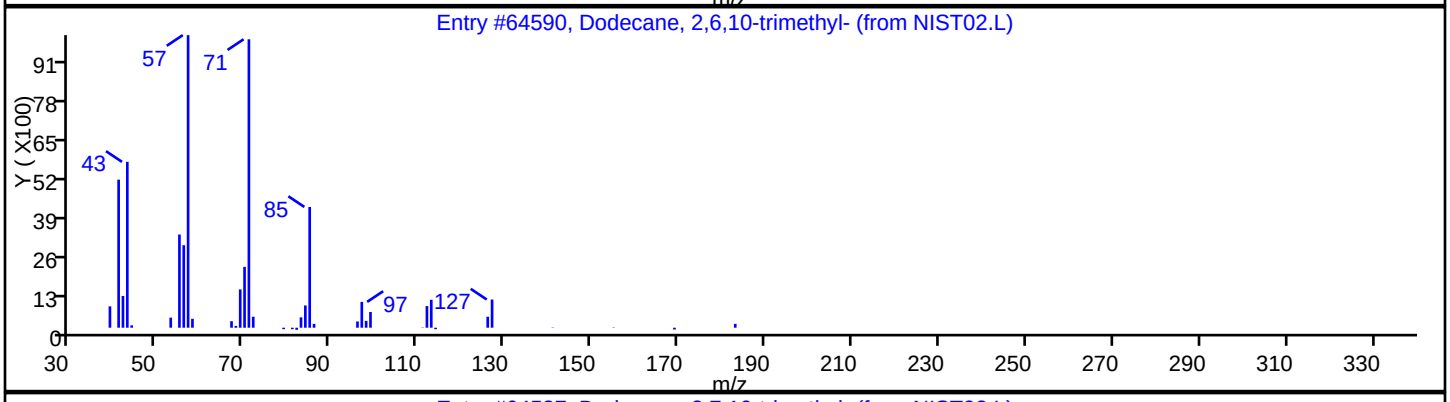
Operator ID: Purge Vol: 5.000 mL

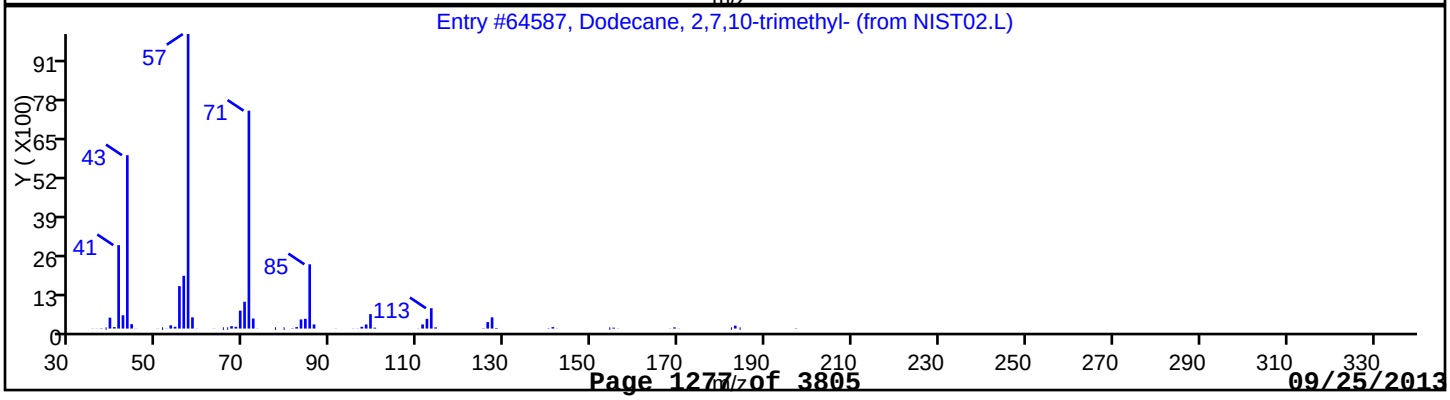
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Nonane, 3,7-dimethyl-	17302-32-8	NIST02.L	27137	81
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	81
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	80









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VD | Lab Sample ID: 460-62968-28

Matrix: Solid | Lab File ID: B60675.D

Analysis Method: 8260B | Date Collected: 09/12/2013 15:30

Sample wt/vol: 5.361(g) | Date Analyzed: 09/19/2013 14:50

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 200

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 | ID: 0.25(mm)

% Moisture: 10.4 | Level: (low/med) Medium

Analysis Batch No.: 182095 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	40	U	420	40
74-83-9	Bromomethane	76	U	420	76
75-01-4	Vinyl chloride	260	J	420	60
75-00-3	Chloroethane	70	U	420	70
75-09-2	Methylene Chloride	76	U	420	76
67-64-1	Acetone	1100	U	2100	1100
75-15-0	Carbon disulfide	52	U	420	52
75-69-4	Trichlorofluoromethane	61	U	420	61
75-35-4	1,1-Dichloroethene	37	U	420	37
75-34-3	1,1-Dichloroethane	54	U	420	54
156-60-5	trans-1,2-Dichloroethene	54	U	420	54
156-59-2	cis-1,2-Dichloroethene	2600		420	74
67-66-3	Chloroform	58	J	420	33
78-93-3	2-Butanone	970	U	2100	970
107-06-2	1,2-Dichloroethane	79	U	420	79
71-55-6	1,1,1-Trichloroethane	300	J	420	26
56-23-5	Carbon tetrachloride	24	U	420	24
71-43-2	Benzene	58	J	420	34
75-25-2	Bromoform	80	U	420	80
100-42-5	Styrene	4200		420	49
100-41-4	Ethylbenzene	9100		420	40
108-90-7	Chlorobenzene	2400		420	46
110-82-7	Cyclohexane	210	J	420	66
98-82-8	Isopropylbenzene	1300		420	32
591-78-6	2-Hexanone	1700	J	2100	210
1634-04-4	MTBE	57	U	420	57
76-13-1	Freon TF	3200		420	34
79-20-9	Methyl acetate	140	U	830	140
123-91-1	1,4-Dioxane	15000	U	21000	15000
79-01-6	Trichloroethene	130000		420	38
108-88-3	Toluene	6200		420	62
10061-02-6	trans-1,3-Dichloropropene	100	U	420	100
108-10-1	4-Methyl-2-pentanone	410	U	2100	410
10061-01-5	cis-1,3-Dichloropropene	77	U	420	77
95-50-1	1,2-Dichlorobenzene	4000		420	85
541-73-1	1,3-Dichlorobenzene	56	U	420	56

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VD | Lab Sample ID: 460-62968-28

Matrix: Solid | Lab File ID: B60675.D

Analysis Method: 8260B | Date Collected: 09/12/2013 15:30

Sample wt/vol: 5.361(g) | Date Analyzed: 09/19/2013 14:50

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 200

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.4 | 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	370	J	420	97
120-82-1	1,2,4-Trichlorobenzene	18000		420	140
87-61-6	1,2,3-Trichlorobenzene	3700		420	210
78-87-5	1,2-Dichloropropane	36	U	420	36
108-87-2	Methylcyclohexane	1300	*	420	56
127-18-4	Tetrachloroethene	8200		420	40
1330-20-7	Xylenes, Total	55000		1200	150
96-12-8	1,2-Dibromo-3-Chloropropane	170	U *	420	170
79-34-5	1,1,2,2-Tetrachloroethane	66	U	420	66
79-00-5	1,1,2-Trichloroethane	78	U	420	78
124-48-1	Dibromochloromethane	83	U	420	83
106-93-4	1,2-Dibromoethane	110	U	420	110
75-71-8	Dichlorodifluoromethane	90	U	420	90
74-97-5	Bromochloromethane	110	U	420	110
75-27-4	Bromodichloromethane	52	U	420	52

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-135
2037-26-5	Toluene-d8 (Surr)	78		59-150
460-00-4	Bromofluorobenzene	89		72-133
1868-53-7	Dibromofluoromethane (Surr)	90		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VD Lab Sample ID: 460-62968-28

Matrix: Solid Lab File ID: B60675.D

Analysis Method: 8260B Date Collected: 09/12/2013 15:30

Sample wt/vol: 5.361(g) Date Analyzed: 09/19/2013 14:50

Soil Aliquot Vol: 5 (mL) Dilution Factor: 200

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.4 Level: (low/med) Medium

Analysis Batch No.: 182095 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 179000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
124-18-5	Decane	10.15	32000	J N
2847-72-5	Decane, 4-methyl-	10.39	12000	J N
95-63-6	Benzene, 1,2,4-trimethyl-	10.51	14000	J N
1120-21-4	Undecane	11.10	25000	J N
1000152-47-3	trans-Decalin, 2-methyl-	11.55	12000	J N
488-23-3	Benzene, 1,2,3,4-tetramethyl-	11.71	19000	J N
112-40-3	Dodecane	11.92	17000	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.03	20000	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	12.13	13000	J N
91-20-3	Naphthalene	12.58	15000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D
Lims ID: 460-62968-A-28-A
Client ID: PMP-24SE-VD
Inject. Date: 19-Sep-2013 14:50:30
Dil. Factor: 200.0000
Sample Type: Client
Sample ID: 460-62968-A-28-A
Misc. Info.: 460-0004800-009
Operator:
Instrument ID: CVOAMS2
Purge Vol: 5.000 mL
ALS Bottle#: 8
Lims Batch ID: 182095
Lims Sample ID: 9
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\8260W_2.m
Last Update: 19-Sep-2013 18:26:05
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 16:48:55

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
4 Vinyl chloride	62	1.340	1.348	-0.008	31	5133	0.6358	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.295	2.278	0.017	73	6055	7.67	
* 26 TBA-d9 (IS)	65	2.789	2.797	-0.008	64	340388	1000.0	
39 cis-1,2-Dichloroethene	96	3.965	3.974	-0.009	86	22913	6.30	
47 Chloroform	83	4.303	4.311	-0.008	39	1000	0.1388	
48 Cyclohexane	56	4.410	4.418	-0.008	1	1855	0.5116	M
49 1,1,1-Trichloroethane	97	4.443	4.443	0.0	68	3362	0.7109	
$ 57 Dibromofluoromethane (Surr)	113	4.484	4.484	0.0	98	47101	11.3	
52 Benzene	78	4.846	4.854	-0.008	44	1997	0.1405	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.879	4.887	-0.008	95	69856	11.3	
* 58 Fluorobenzene	96	5.208	5.208	0.0	97	667263	50.0	
60 Trichloroethene	95	5.636	5.636	0.0	92	1289371	300.7	
62 Methylcyclohexane	83	5.768	5.768	0.0	83	9098	3.12	
* 65 1,4-Dioxane-d8	96	6.064	6.064	0.0	90	37841	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.208	7.200	0.008	97	139345	9.71	
77 Toluene	91	7.282	7.282	0.0	89	238383	15.0	
81 Tetrachloroethene	166	7.866	7.858	0.008	90	83573	19.8	
83 2-Hexanone	43	7.891	8.097	-0.206	51	12350	4.14	
* 87 Chlorobenzene-d5	117	8.763	8.763	0.0	90	574606	50.0	
88 Chlorobenzene	112	8.796	8.788	0.008	89	65813	5.87	
89 Ethylbenzene	106	8.879	8.879	0.0	99	118427	21.7	
91 m-Xylene & p-Xylene	106	8.994	8.994	0.0	99	695038	104.3	
92 o-Xylene	106	9.364	9.356	0.008	91	190170	29.0	
93 Styrene	104	9.389	9.389	0.0	91	116460	10.1	
96 Isopropylbenzene	105	9.685	9.677	0.008	96	51396	3.03	
$ 97 4-Bromofluorobenzene	174	9.858	9.858	0.0	93	62845	11.1	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	96	329361	50.0	
116 1,4-Dichlorobenzene	146	10.837	10.829	0.008	33	8473	0.8840	
122 1,2-Dichlorobenzene	146	11.134	11.134	0.0	88	89702	9.71	
127 1,2,4-Trichlorobenzene	180	12.368	12.368	0.0	88	209778	42.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
131 1,2,3-Trichlorobenzene	180	12.788	12.788	0.0	85	30608	8.78	
S 134 Xylenes, Total	100				0		133.3	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D		
Lims ID:	460-62968-A-28-A	Client ID:	PMP-24SE-VD
Inject. Date:	19-Sep-2013 14:50:30	Dil. Factor:	200.0000
Sample Type:	Client		
Sample ID:	460-62968-A-28-A		
Misc. Info.:	460-0004800-009		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	8
Lims Batch ID:	182095	Lims Sample ID:	9
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\8260W_2.m		
Last Update:	19-Sep-2013 18:26:05	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:	XAWRK003		
First Level Reviewer: desais		Date:	19-Sep-2013 16:48:55

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
124-18-5 Decane						
10.146	3100025	76.4	115	97	18419	
2847-72-5 Decane, 4-methyl-						
10.385	1167634	28.8	115	90	27123	
95-63-6 Benzene, 1,2,4-trimethyl-						
10.508	1354089	33.4	115	94	9124	I
1120-21-4 Undecane						
11.101	2399605	59.1	115	91	27118	
1000152-47-3 trans-Decalin, 2-methyl-						
11.545	1128358	27.8	115	93	24310	
488-23-3 Benzene, 1,2,3,4-tetramethyl-						
11.710	1877155	46.2	115	86	14353	I
112-40-3 Dodecane						
11.924	1647497	40.6	115	96	36159	
95-93-2 Benzene, 1,2,4,5-tetramethyl-						
12.031	1993927	49.1	115	90	14361	
1595-16-0 Benzene, 1-methyl-4-(1-methylpropyl)-						
12.129	1292282	31.8	115	87	21844	
91-20-3 Naphthalene						
12.582	1452014	35.8	115	95	11563	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 115 1,4-Dichlorobenzene-d4	10.813	2029366	50.0

QC Flag Legend

Processing Flags

Review Flags
I - User Selected Library Match

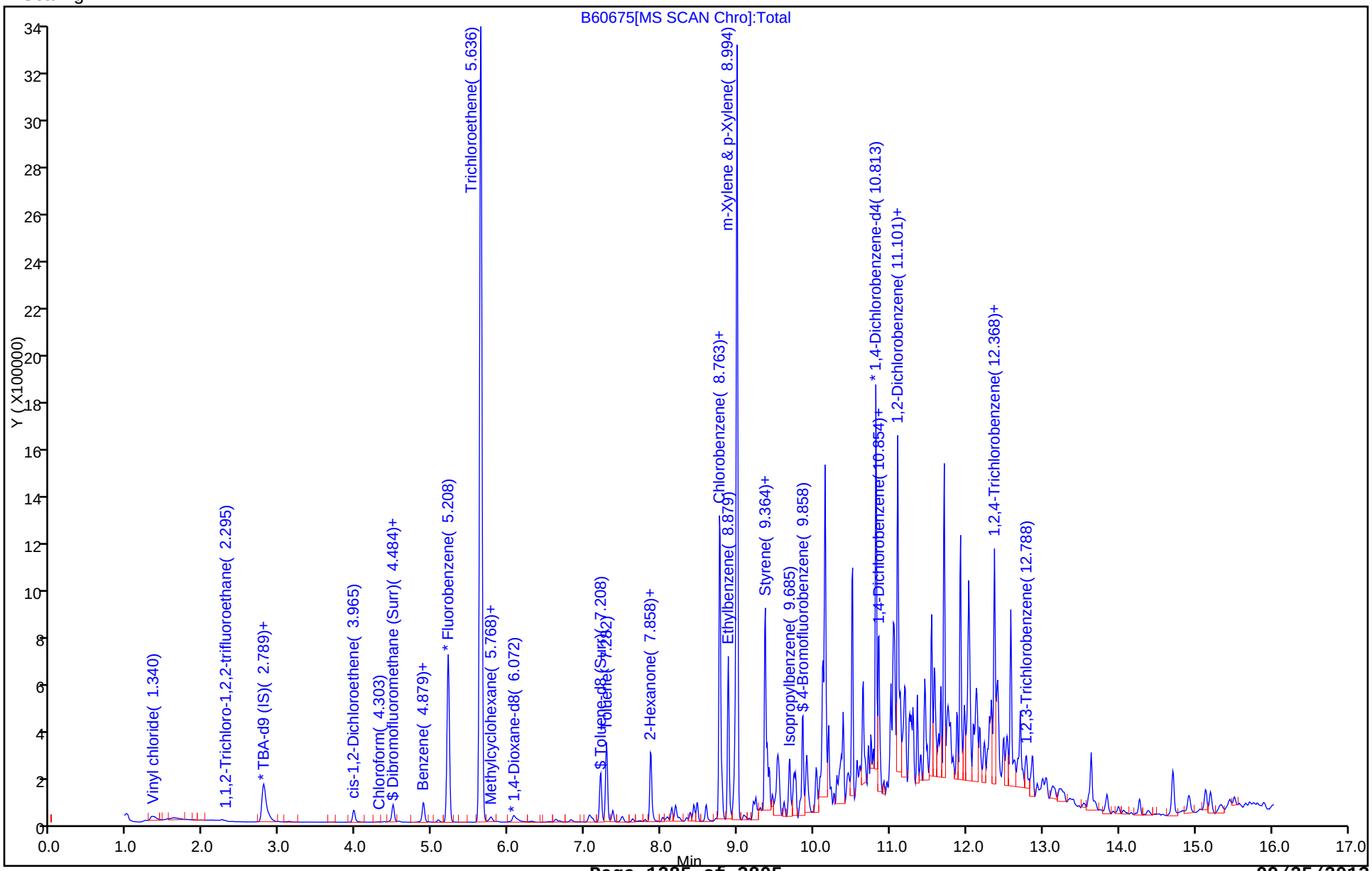
Report Date: 19-Sep-2013 18:26:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



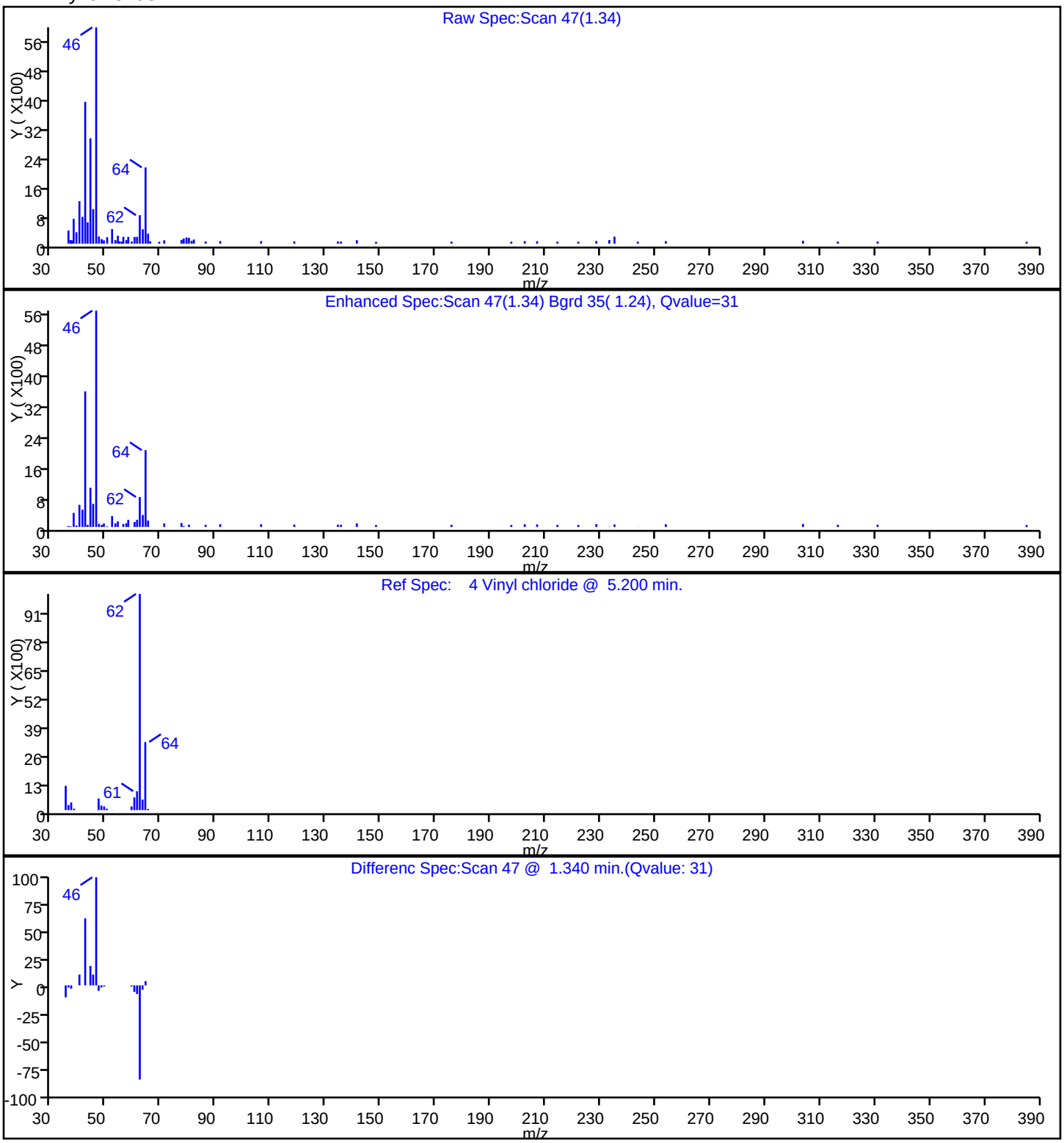
Report Date: 19-Sep-2013 18:26:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

4 Vinyl chloride



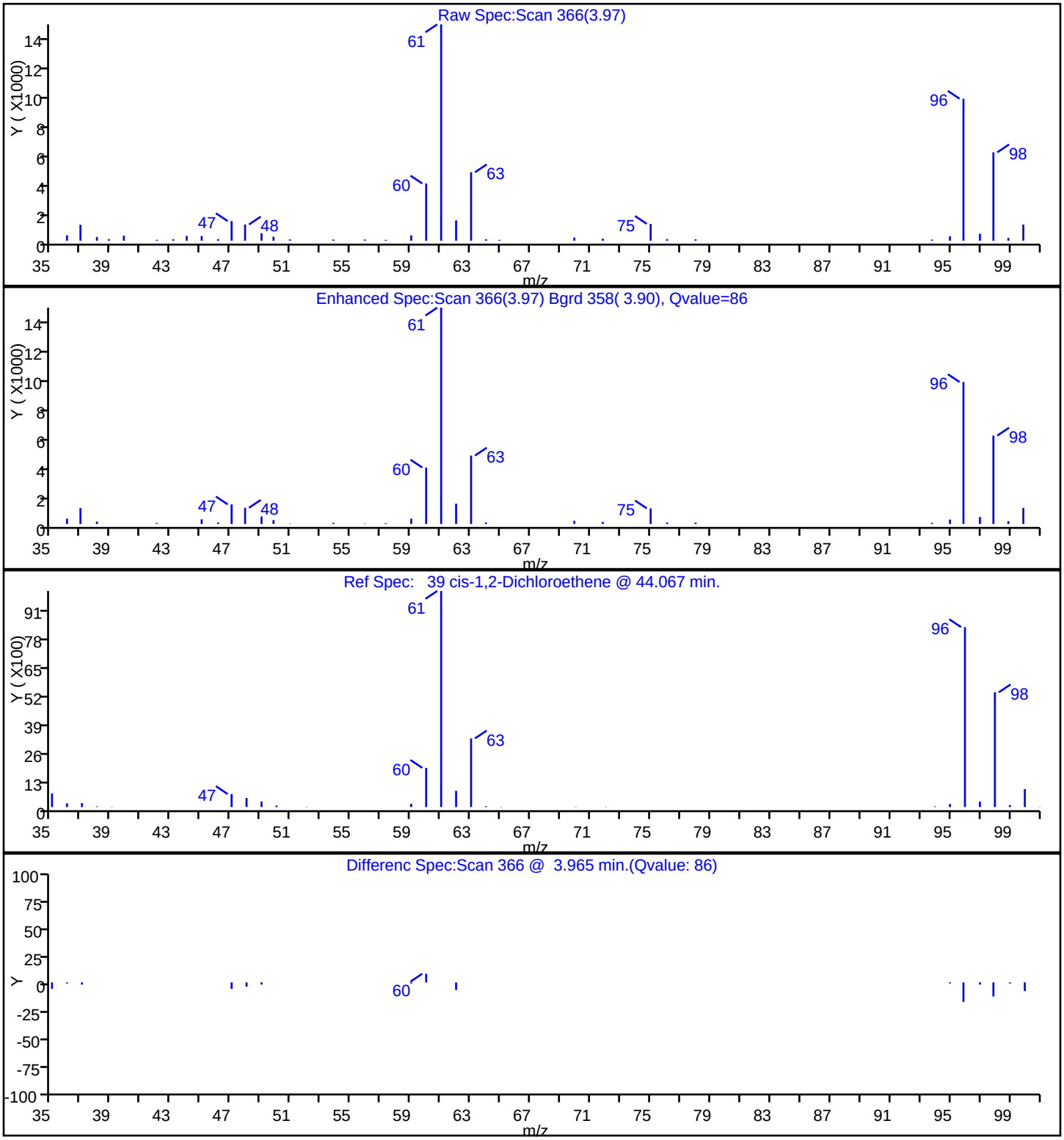
Report Date: 19-Sep-2013 18:26:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

39 cis-1,2-Dichloroethene



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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
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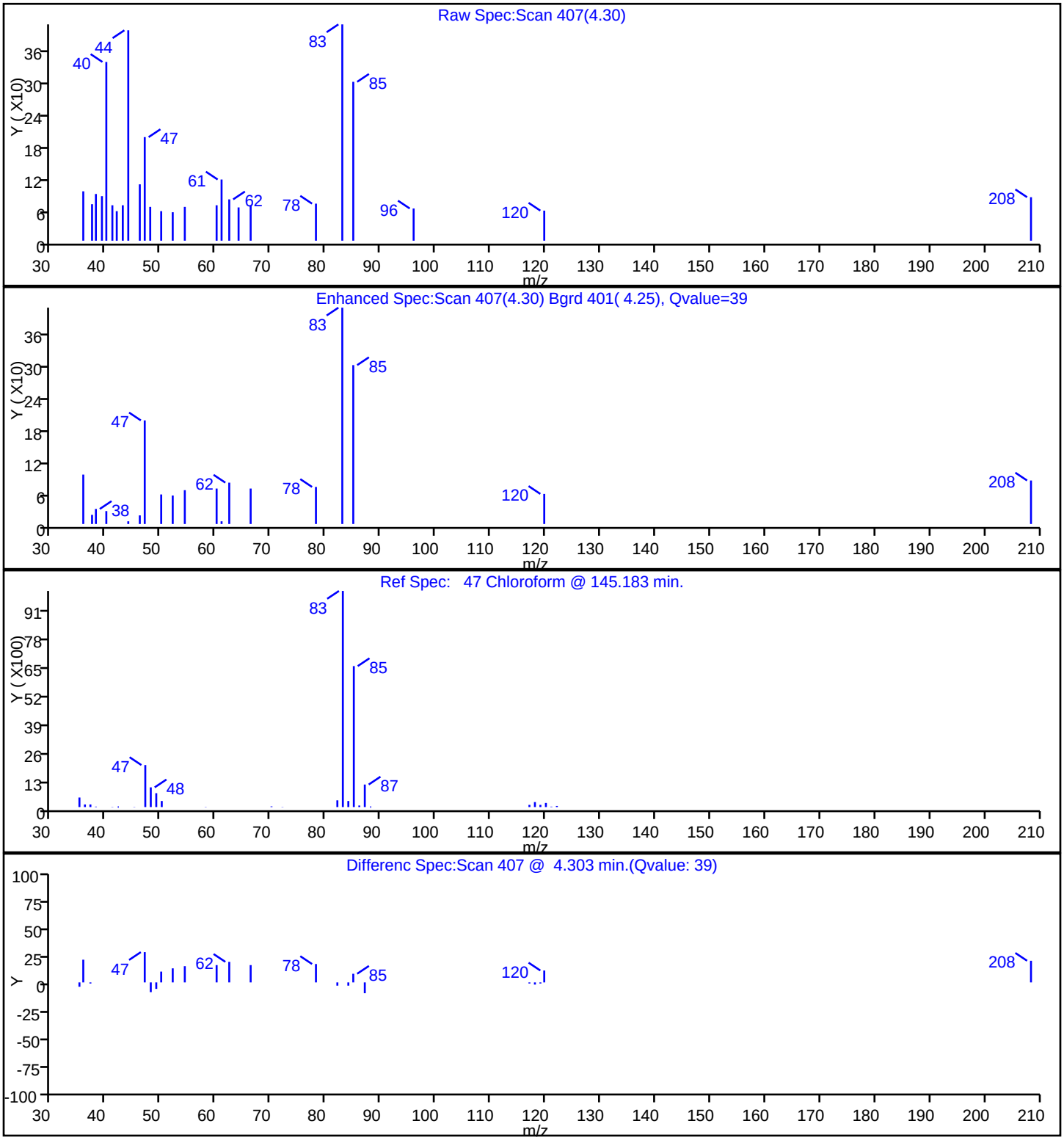
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



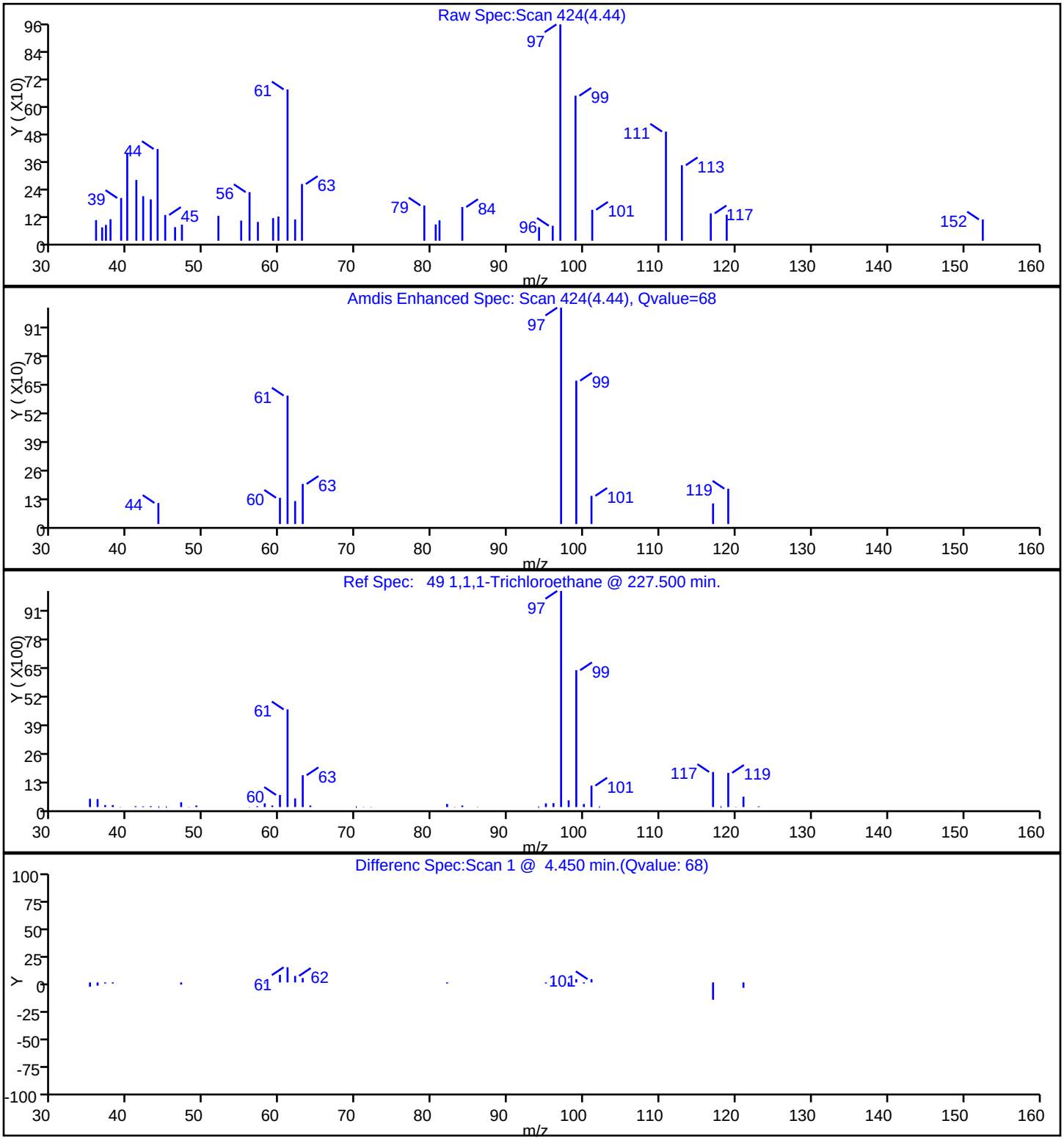
Report Date: 19-Sep-2013 18:26:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

49 1,1,1-Trichloroethane



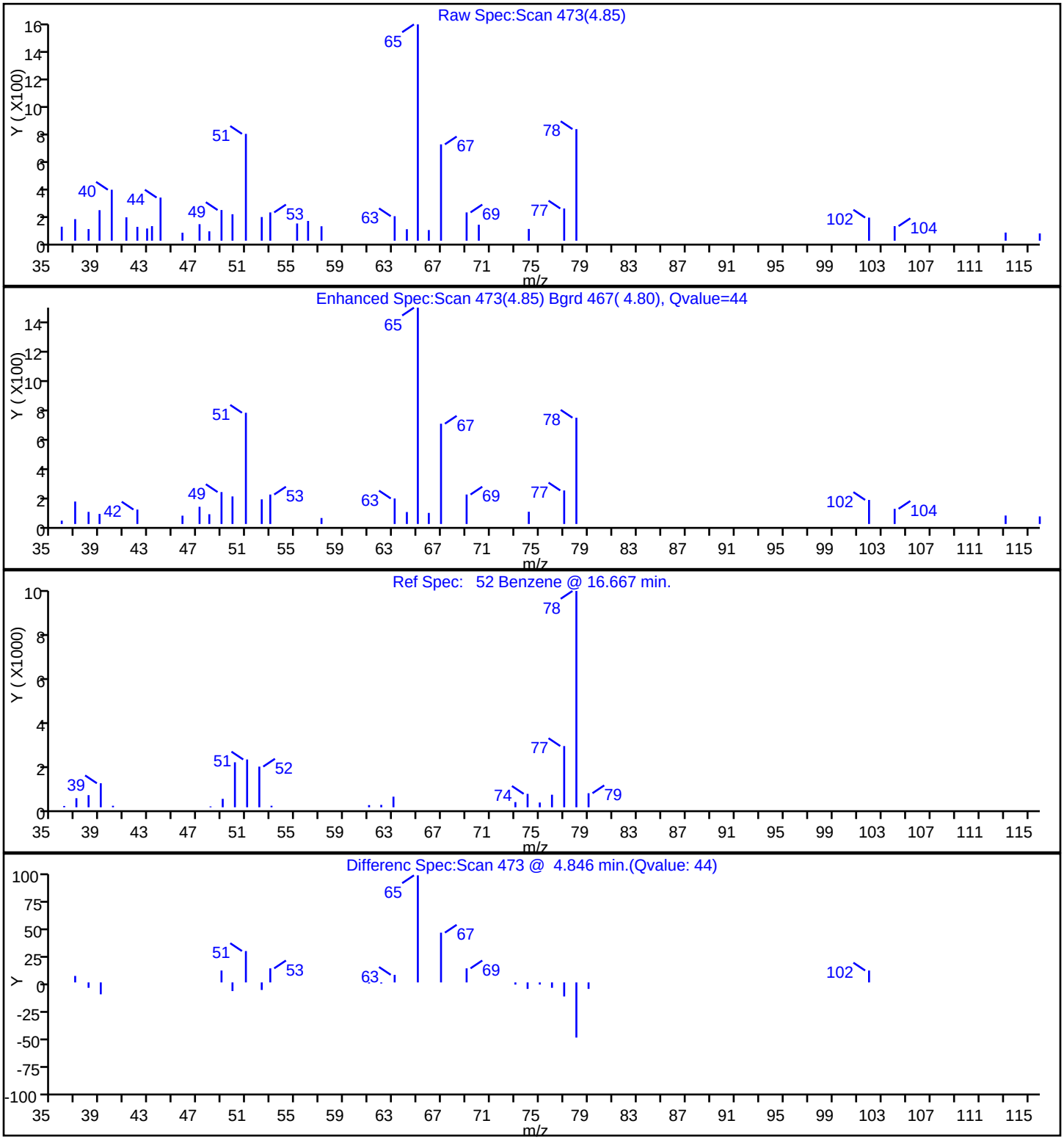
Report Date: 19-Sep-2013 18:26:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

52 Benzene



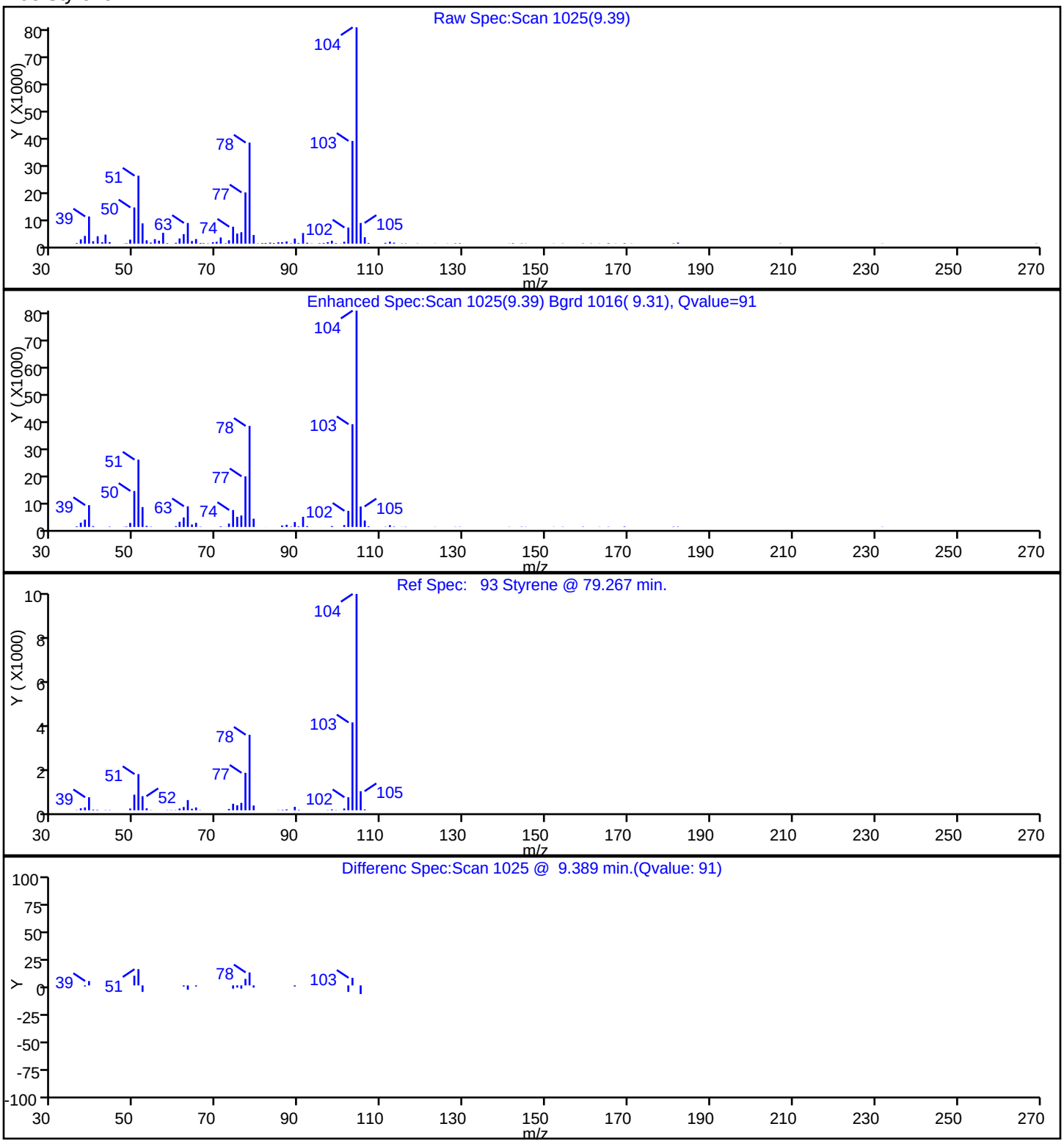
Report Date: 19-Sep-2013 18:26:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

93 Styrene



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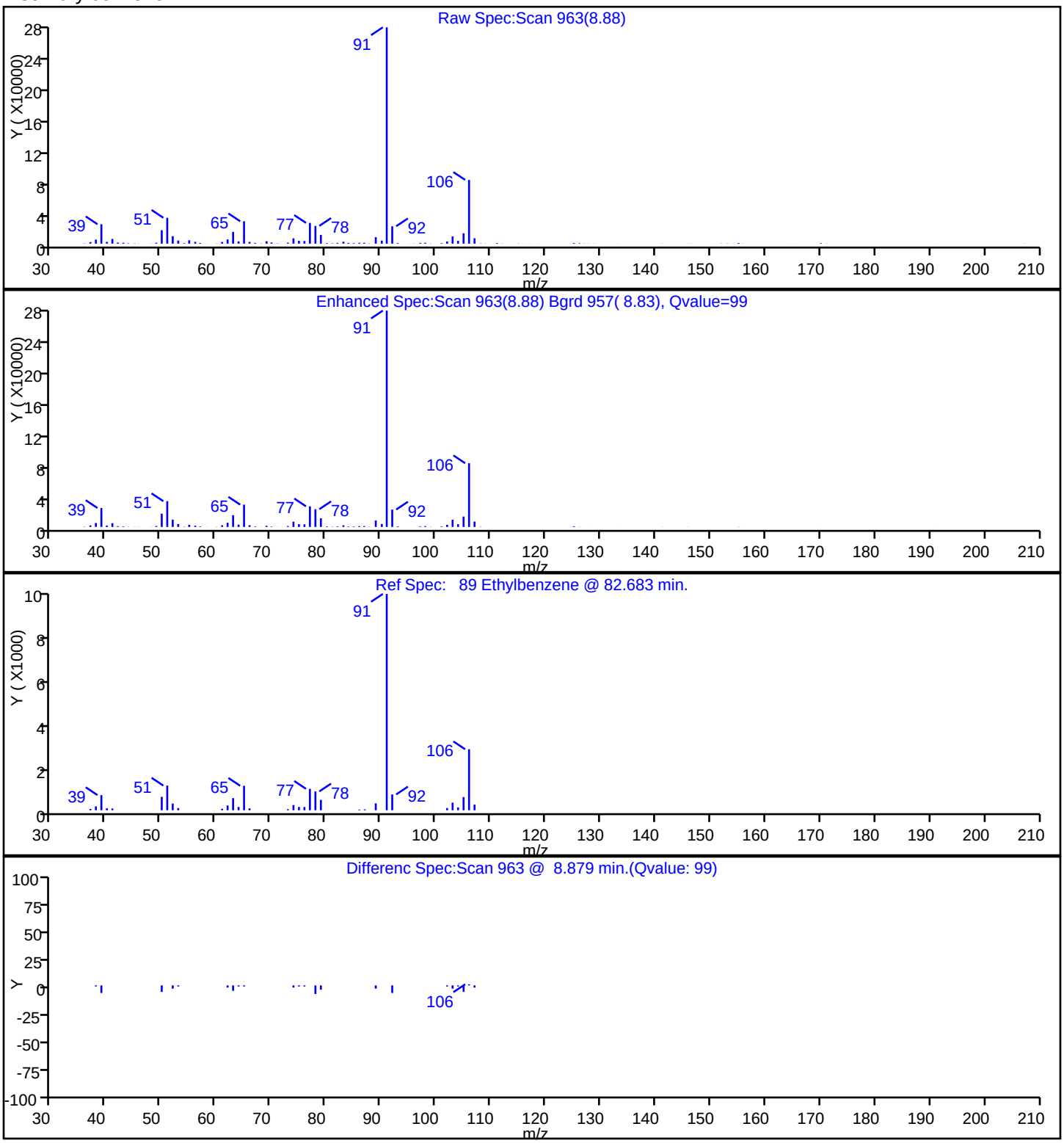
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

89 Ethylbenzene



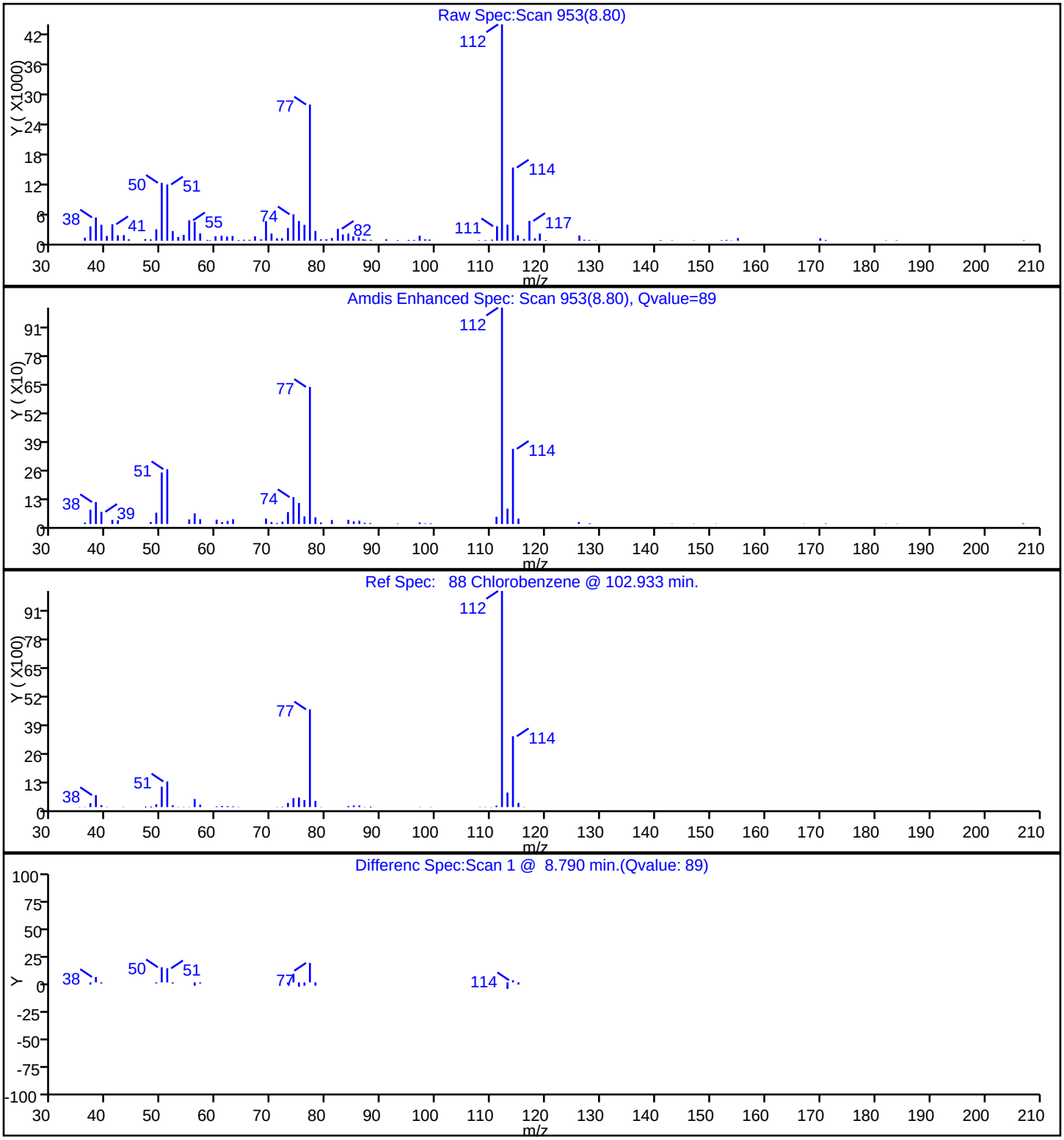
Report Date: 19-Sep-2013 18:26:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

88 Chlorobenzene



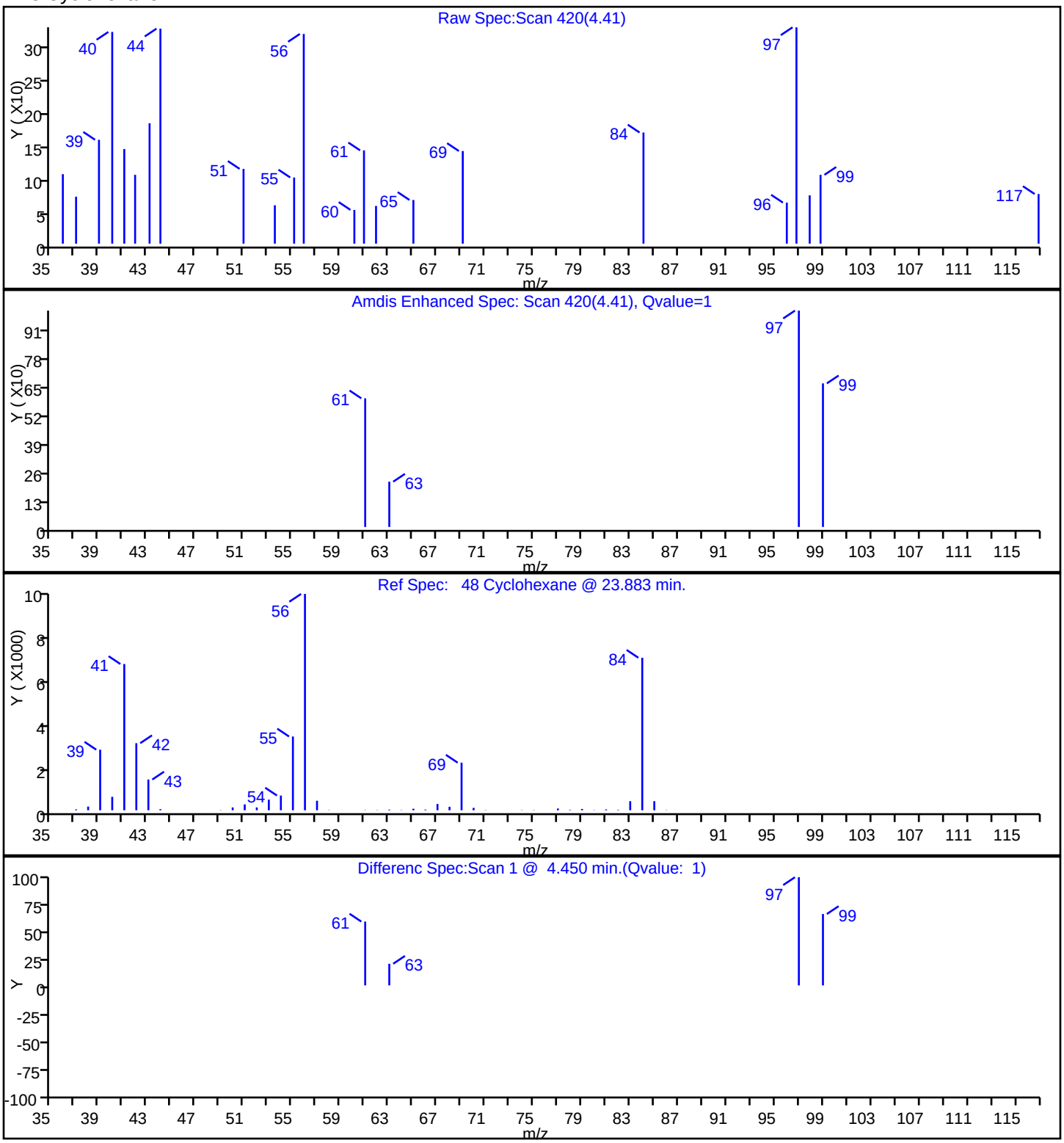
Report Date: 19-Sep-2013 18:26:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

48 Cyclohexane



TestAmerica Edison

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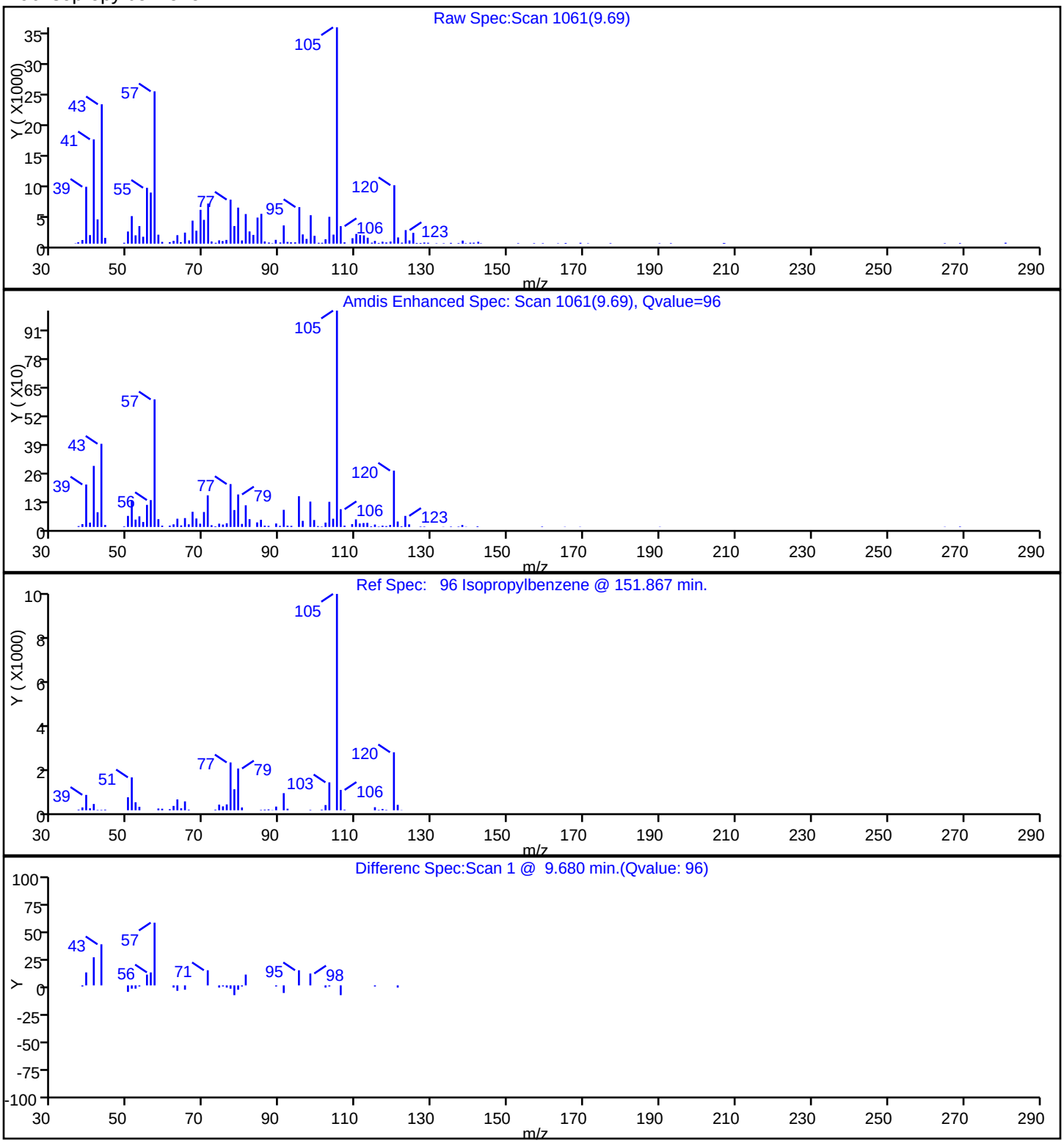
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

96 Isopropylbenzene



Report Date: 19-Sep-2013 18:26:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
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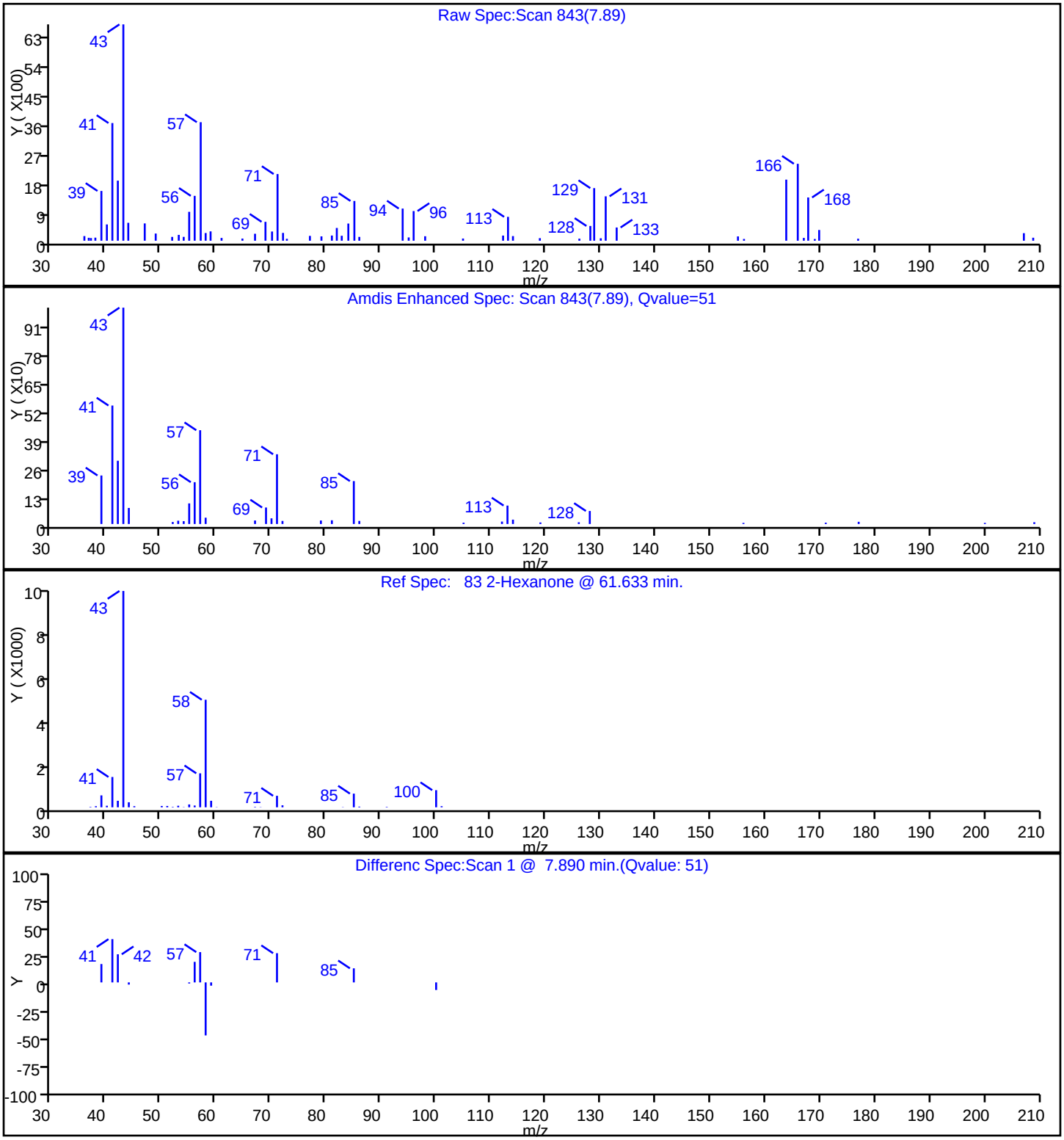
83 2-Hexanone



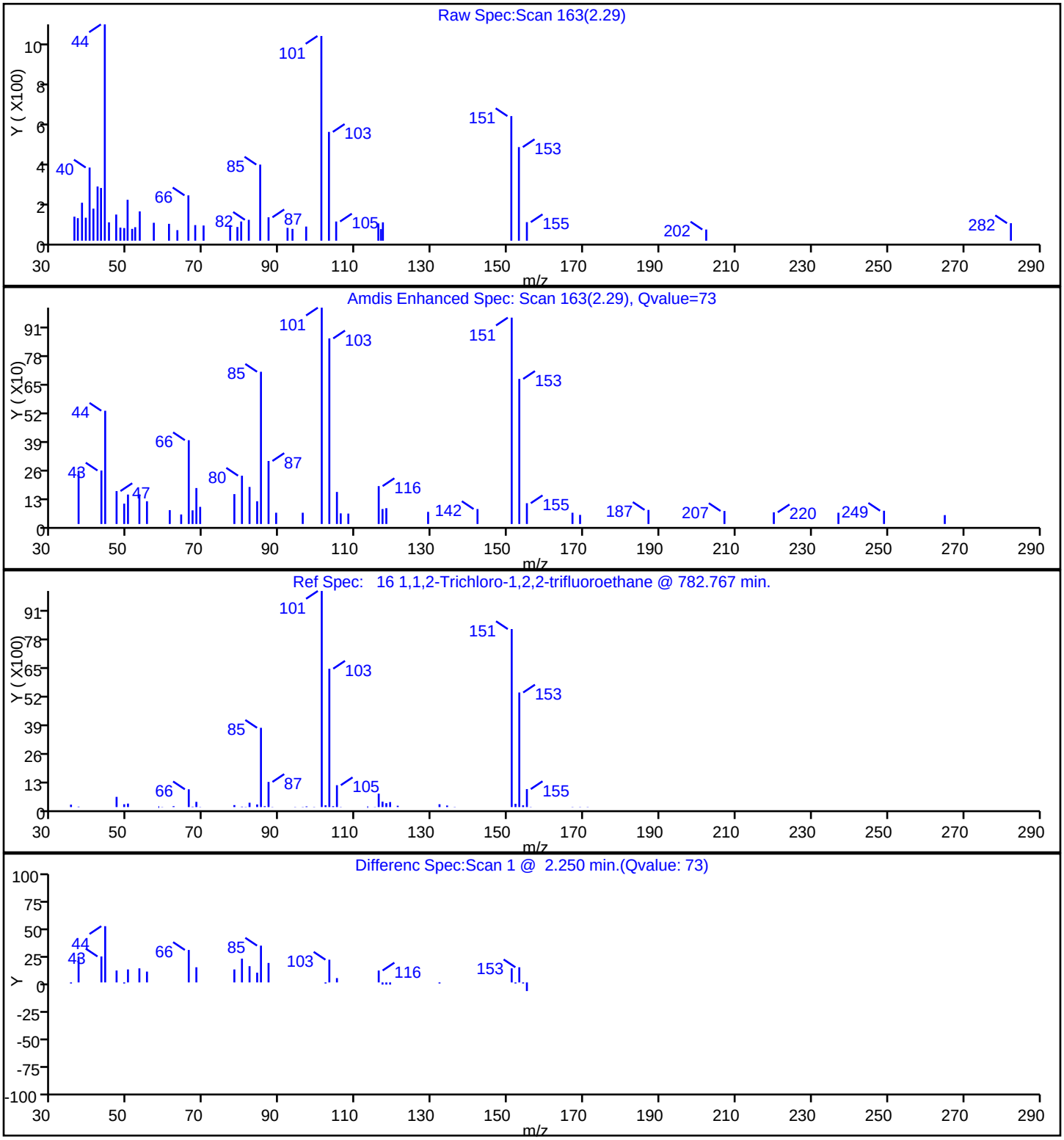
Report Date: 19-Sep-2013 18:26:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

16 1,1,2-Trichloro-1,2,2-trifluoroethane



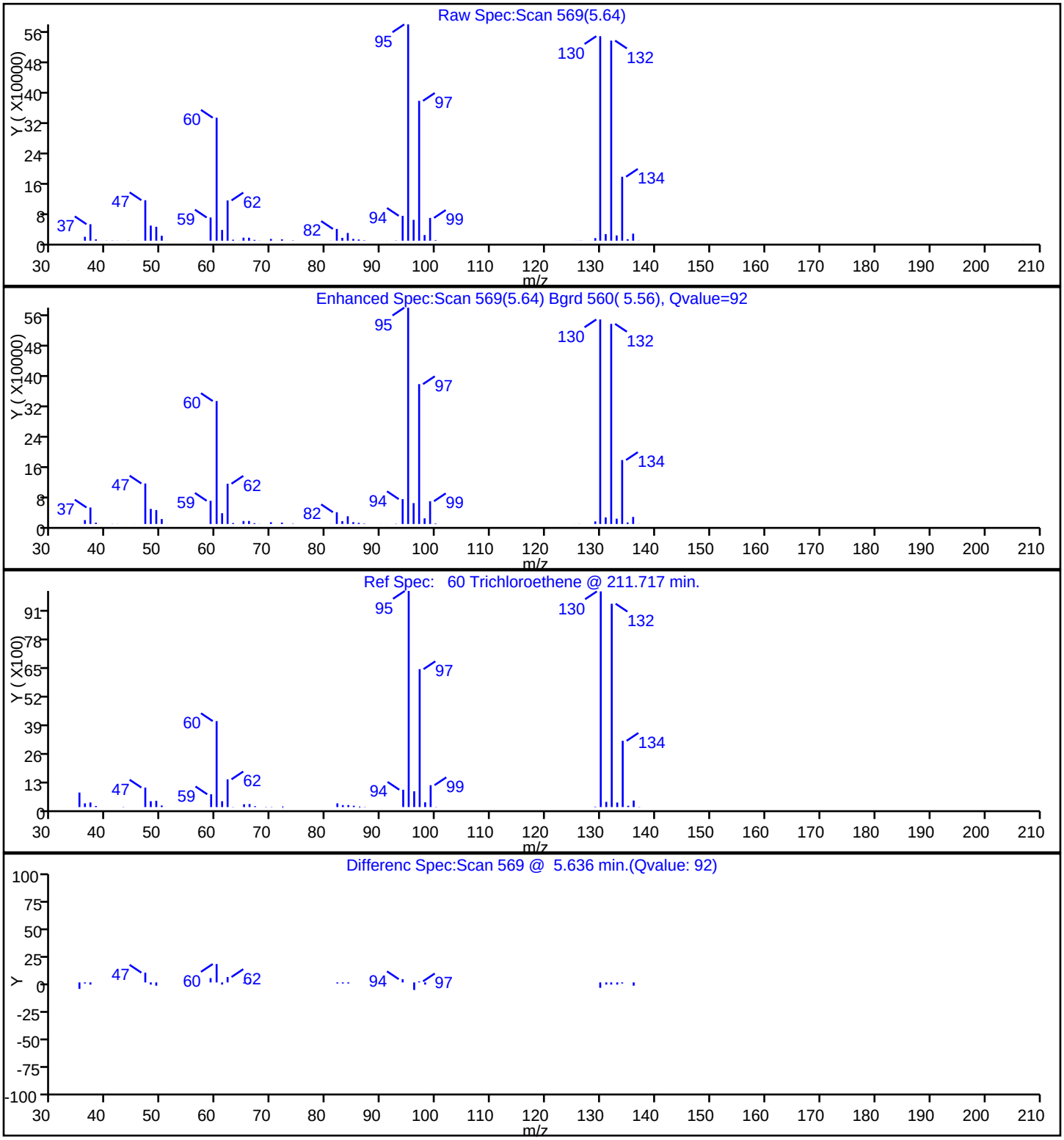
Report Date: 19-Sep-2013 18:26:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

60 Trichloroethene



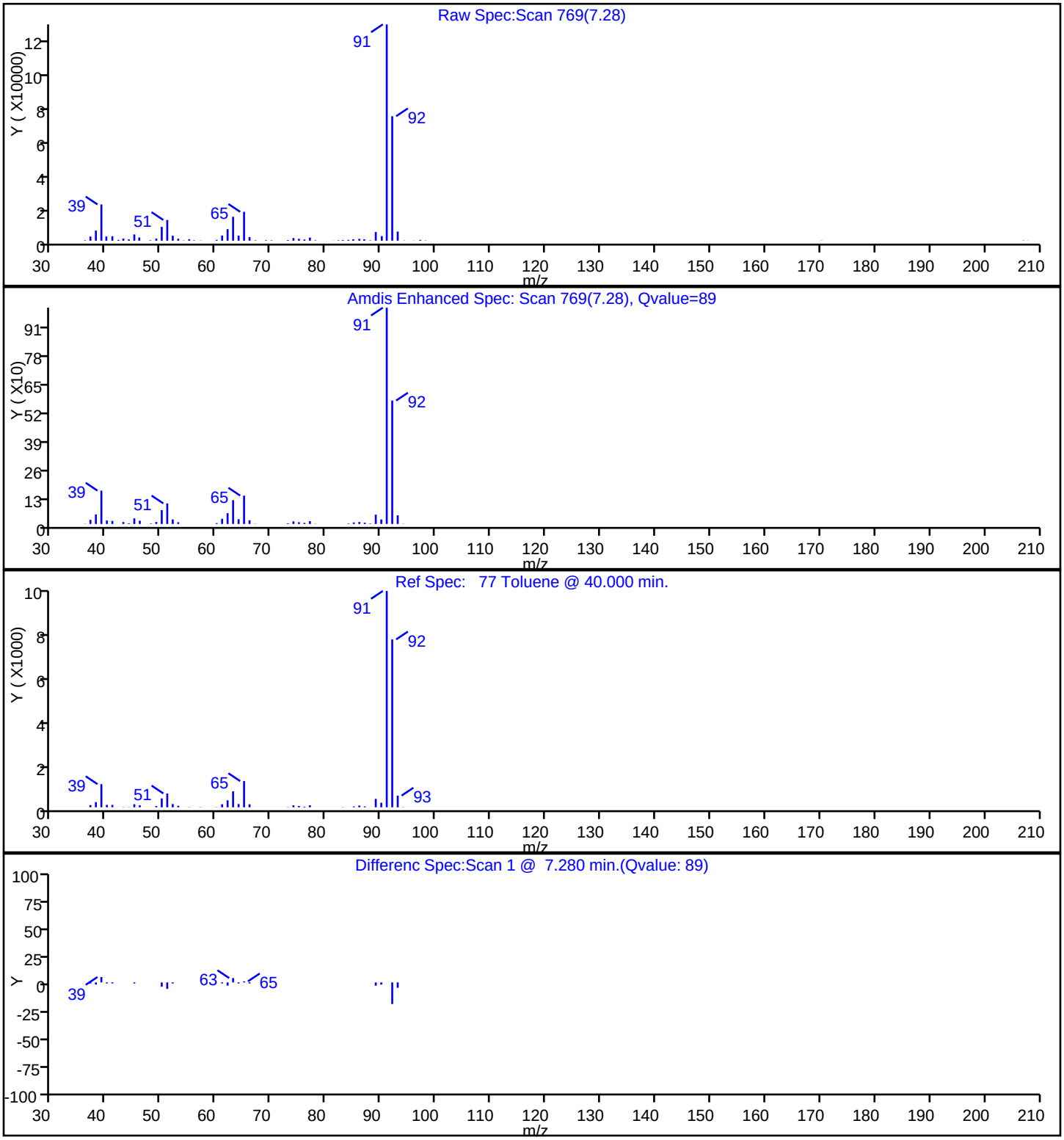
Report Date: 19-Sep-2013 18:26:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

77 Toluene



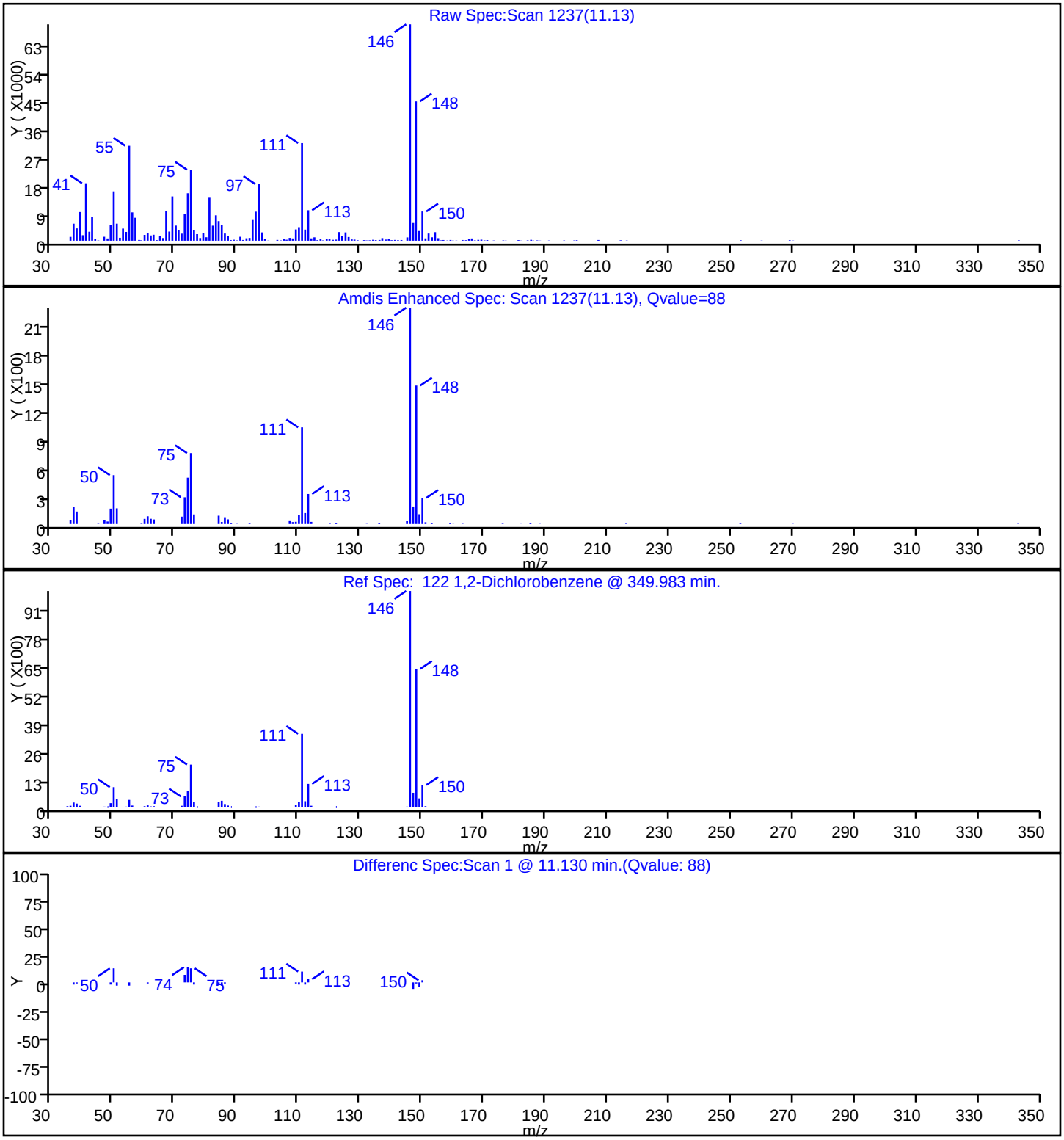
Report Date: 19-Sep-2013 18:26:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

122 1,2-Dichlorobenzene



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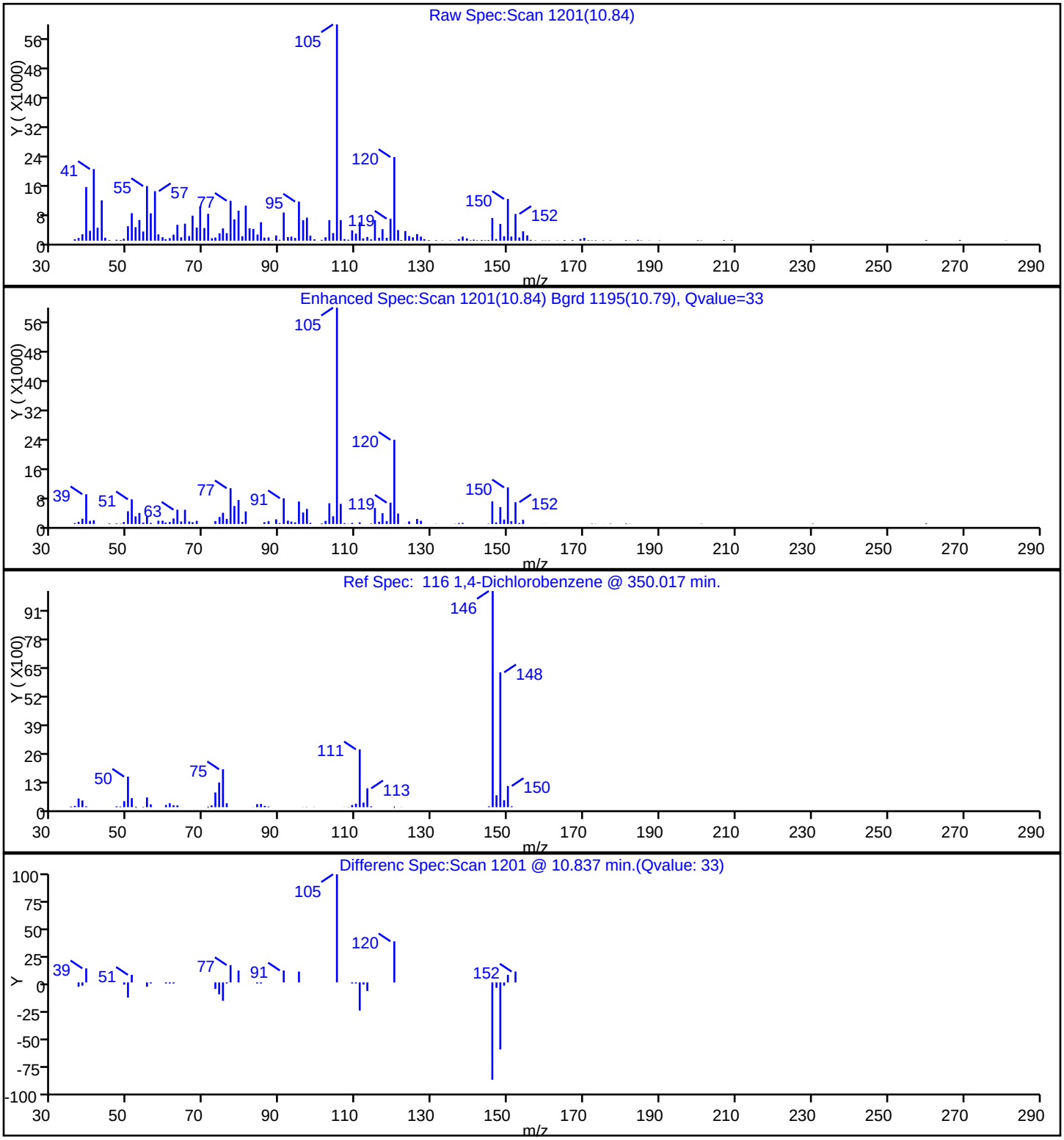
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

116 1,4-Dichlorobenzene



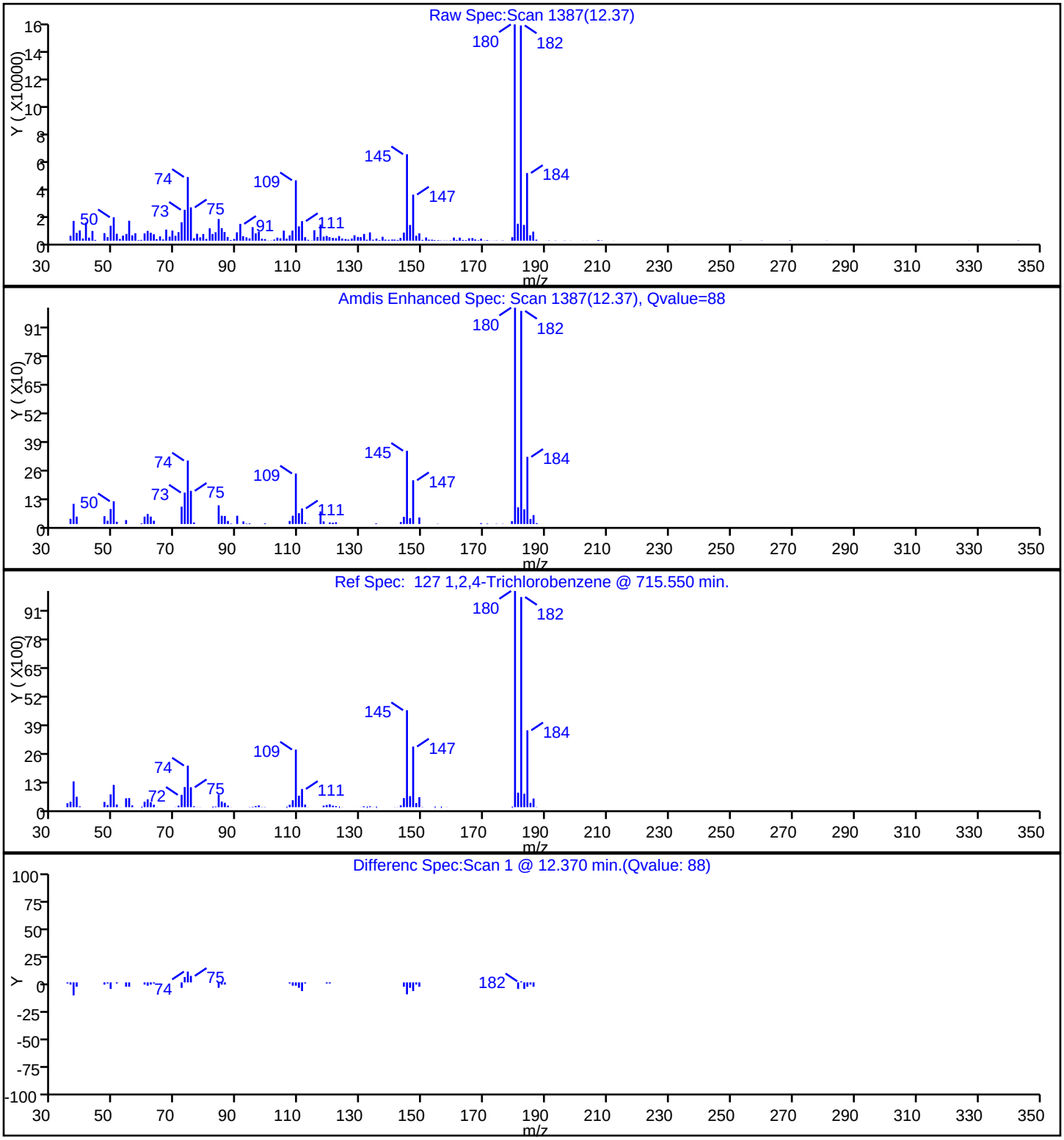
Report Date: 19-Sep-2013 18:26:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

127 1,2,4-Trichlorobenzene



Report Date: 19-Sep-2013 18:26:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

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Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
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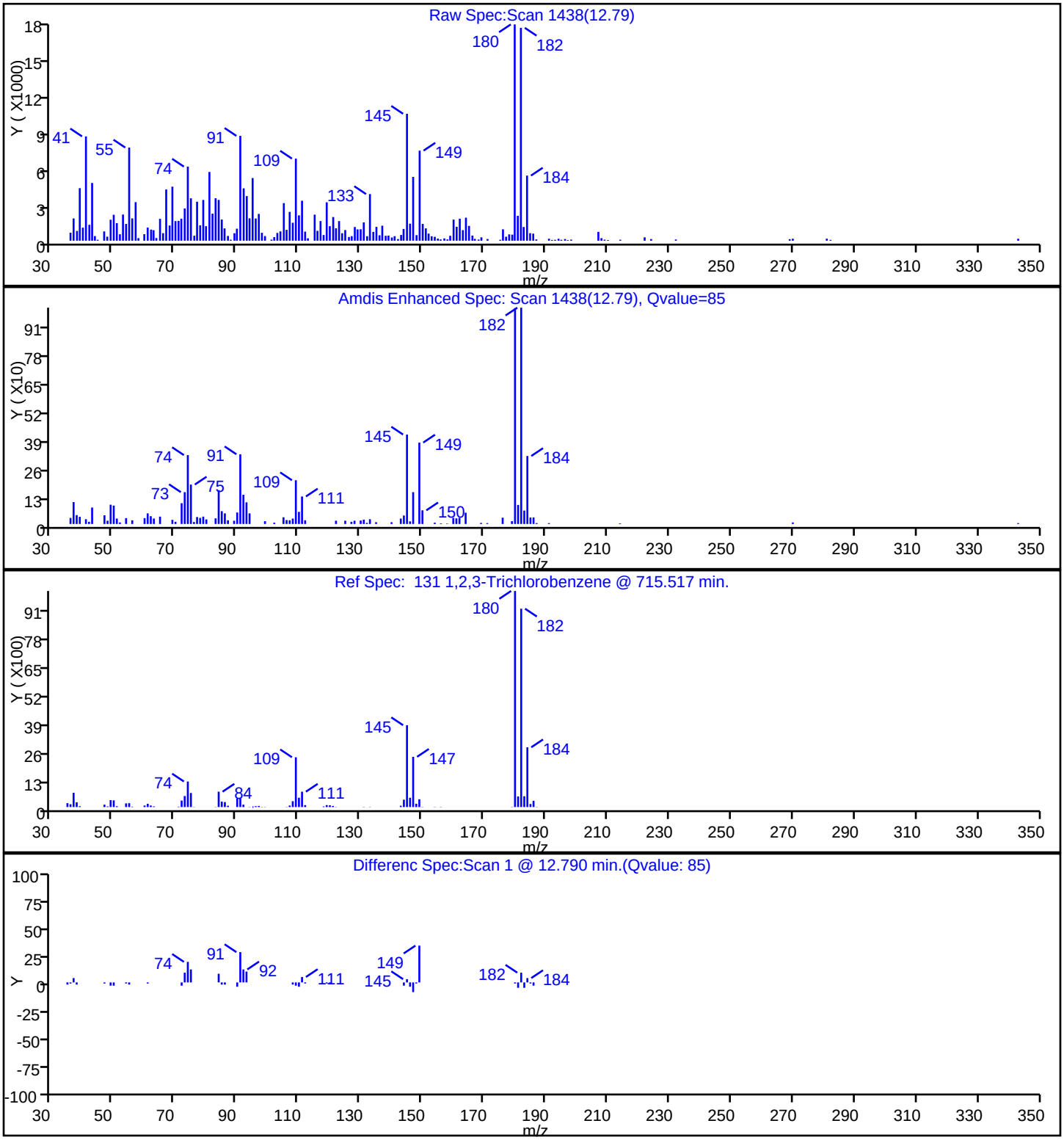
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

131 1,2,3-Trichlorobenzene



Report Date: 19-Sep-2013 18:26:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

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Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
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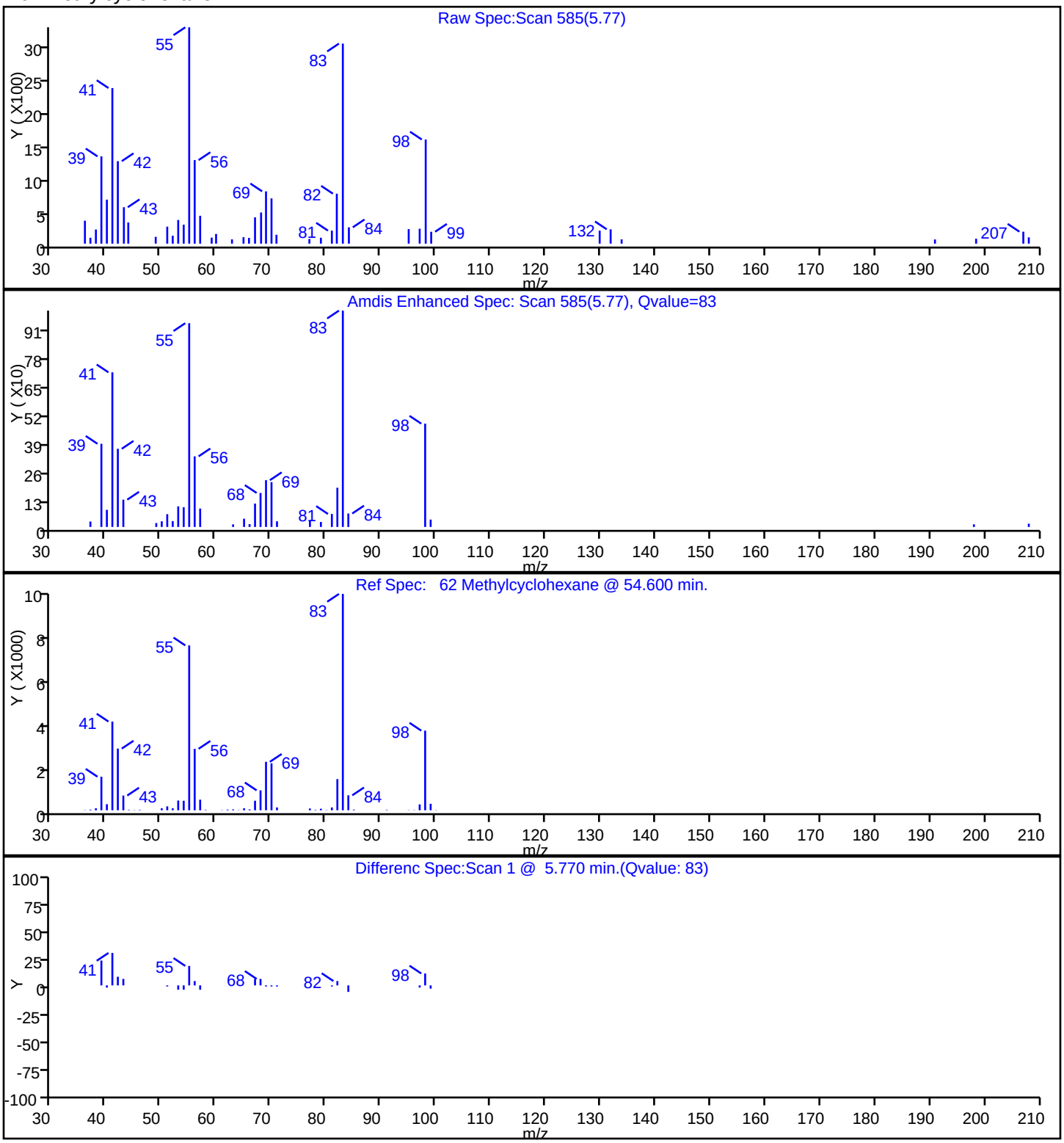
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

62 Methylcyclohexane



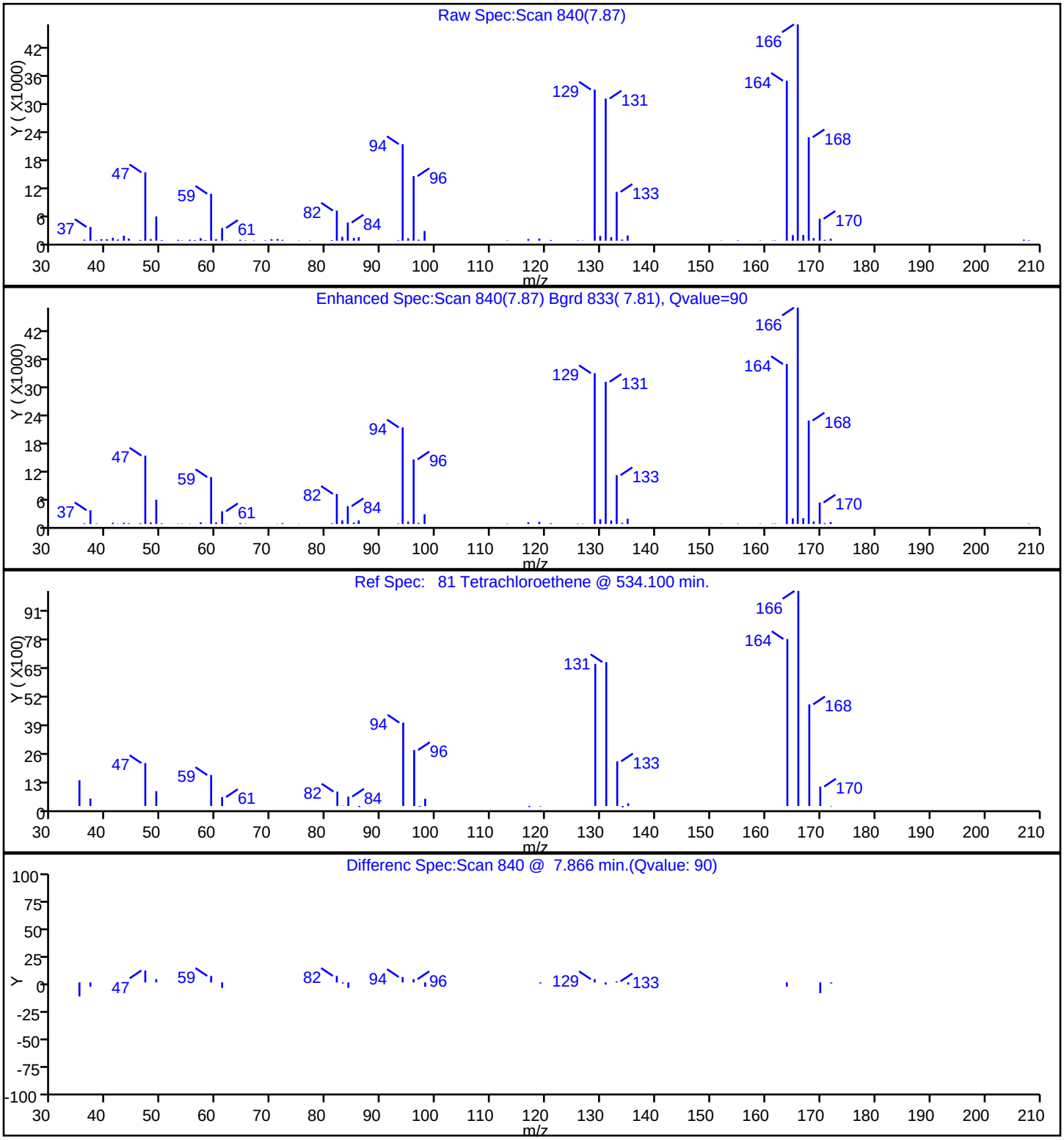
Report Date: 19-Sep-2013 18:26:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

81 Tetrachloroethene



Report Date: 19-Sep-2013 18:26:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

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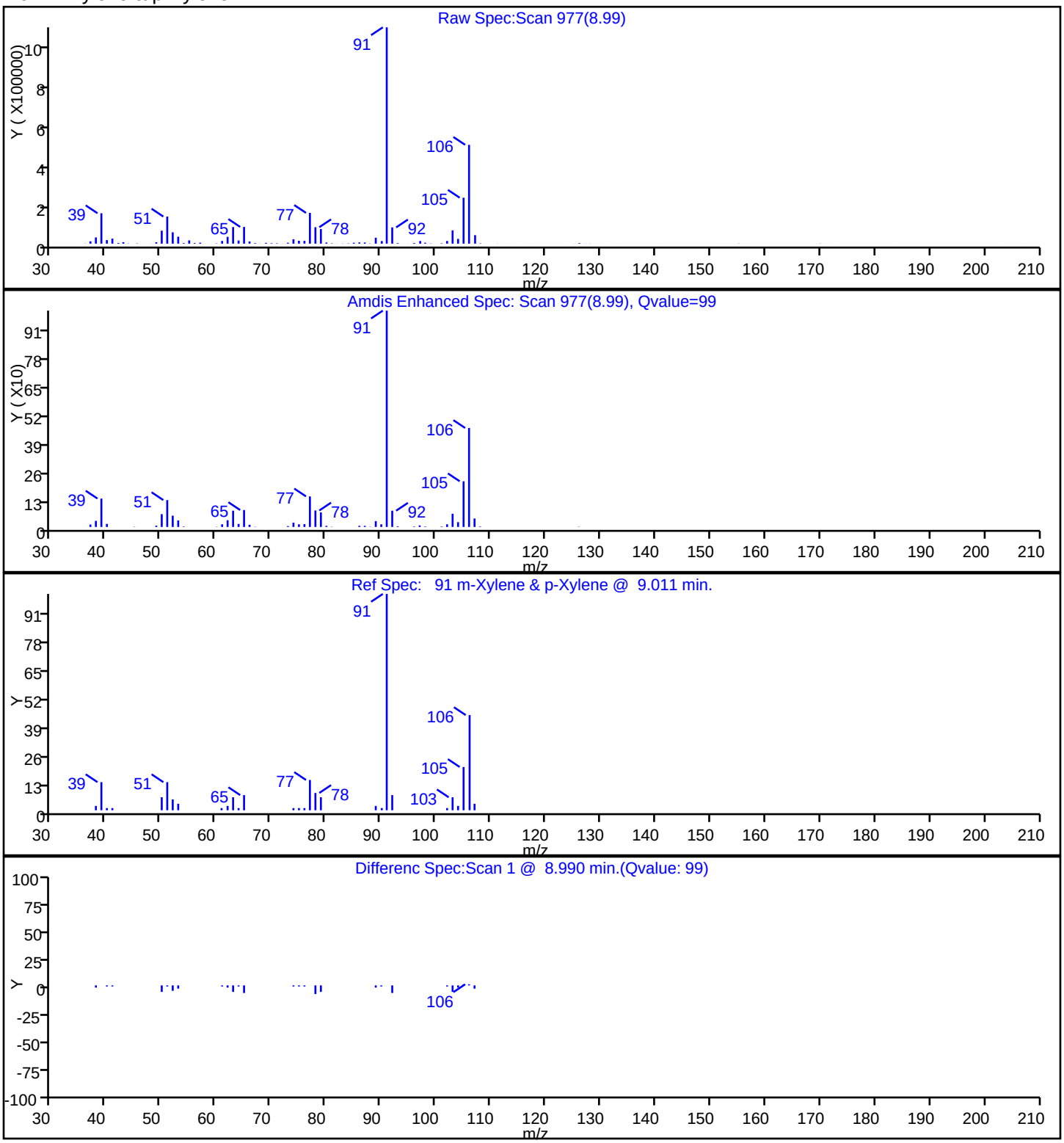
Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

91 m-Xylene & p-Xylene



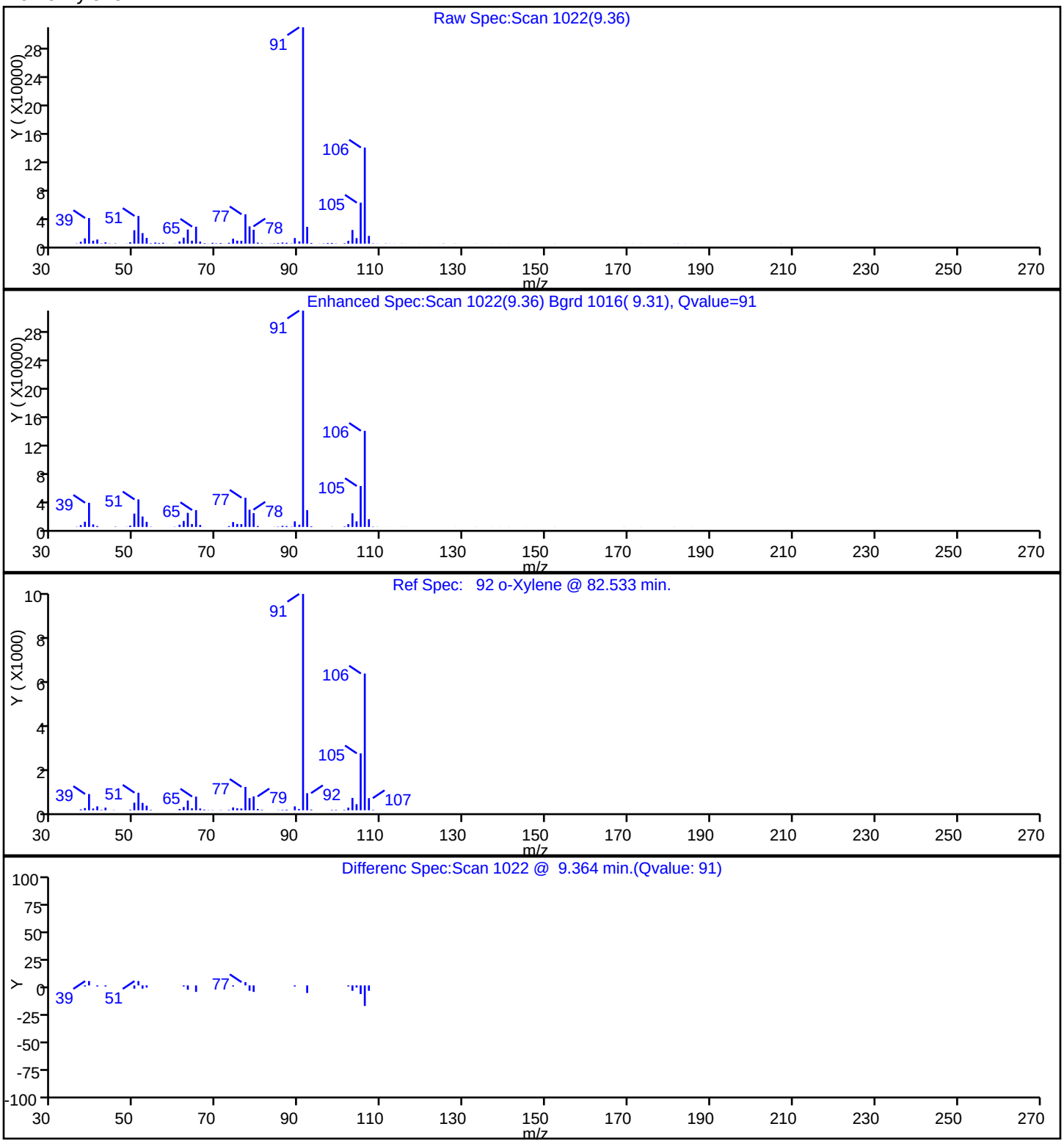
Report Date: 19-Sep-2013 18:26:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
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

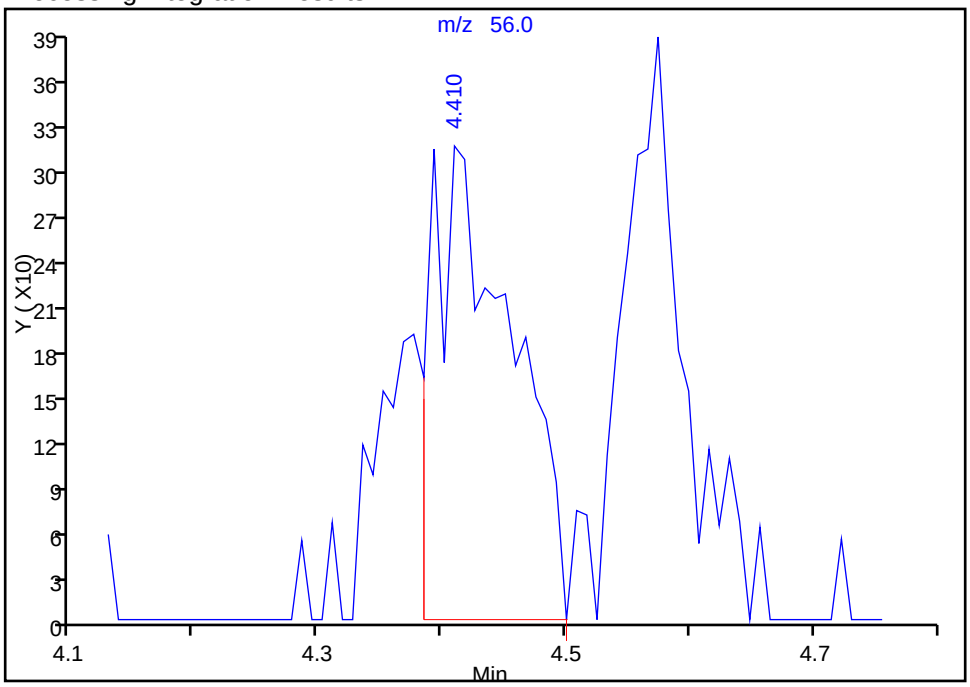
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D		
Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

48 Cyclohexane, Signal: 1, m/z: 56.0 Type: quant, RT: 4.42

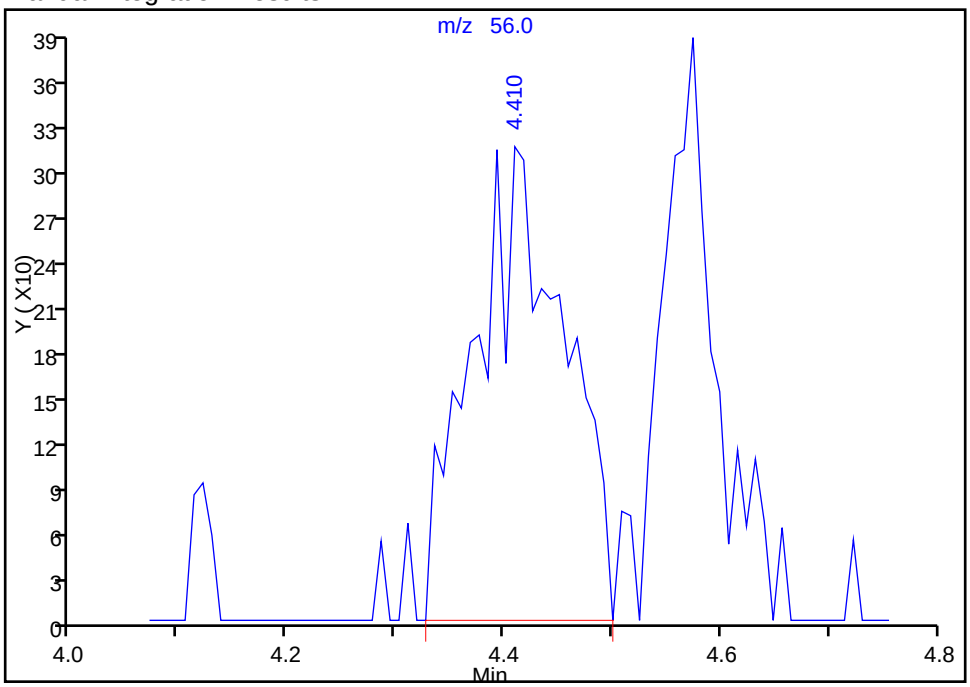
Processing Integration Results

RT: 4.41
Response: 1417
Amount: 0.390826



Manual Integration Results

RT: 4.41
Response: 1855
Amount: 0.511631



Reviewer: baronm, 19-Sep-2013 18:18:55
Audit Action: Manually Integrated
Audit Reason: Split Peak

Report Date: 19-Sep-2013 18:26:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date: 19-Sep-2013 14:50:30 Limit Group: VOA - 8260B Water and Solid

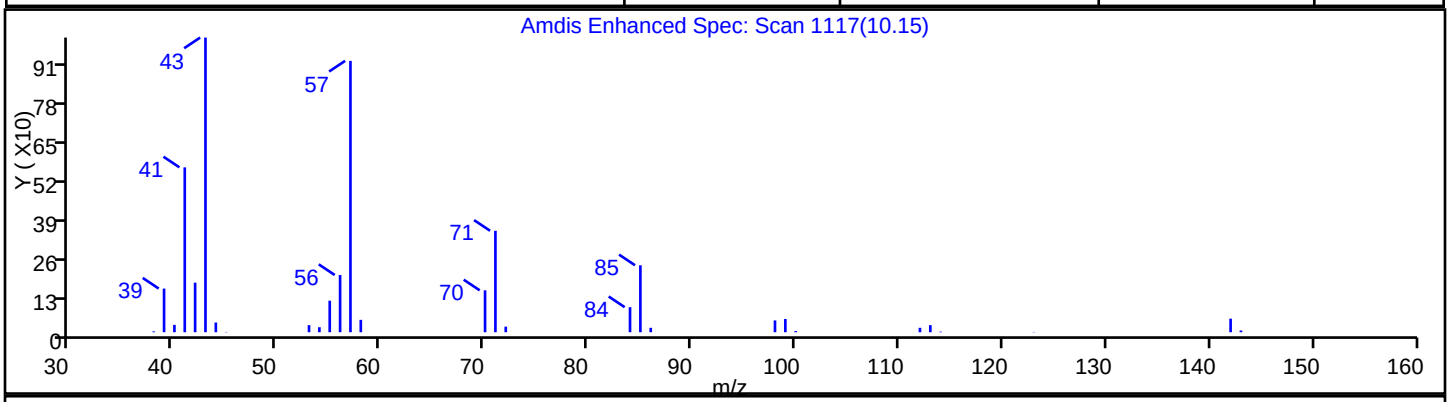
Client ID: PMP-24SE-VD Instrument ID: CVOAMS2

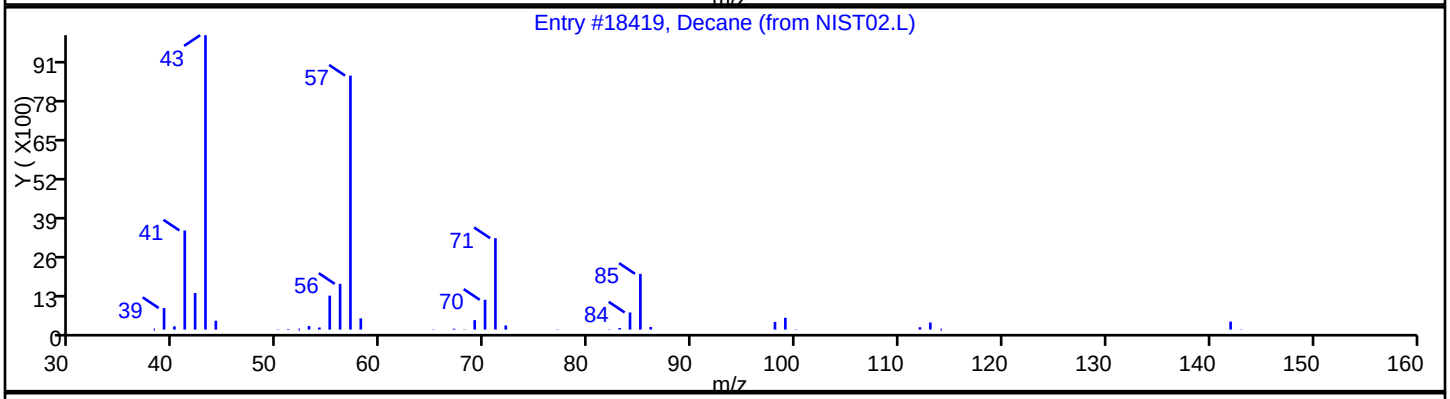
Lims Batch ID: 182095 Lims Sample ID: 9

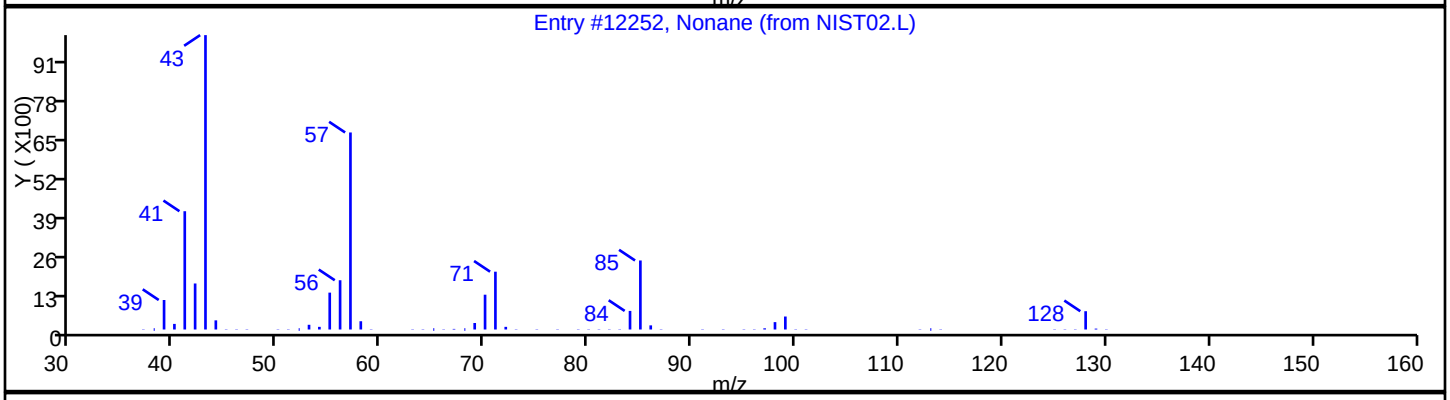
Operator ID: Purge Vol: 5.000 mL

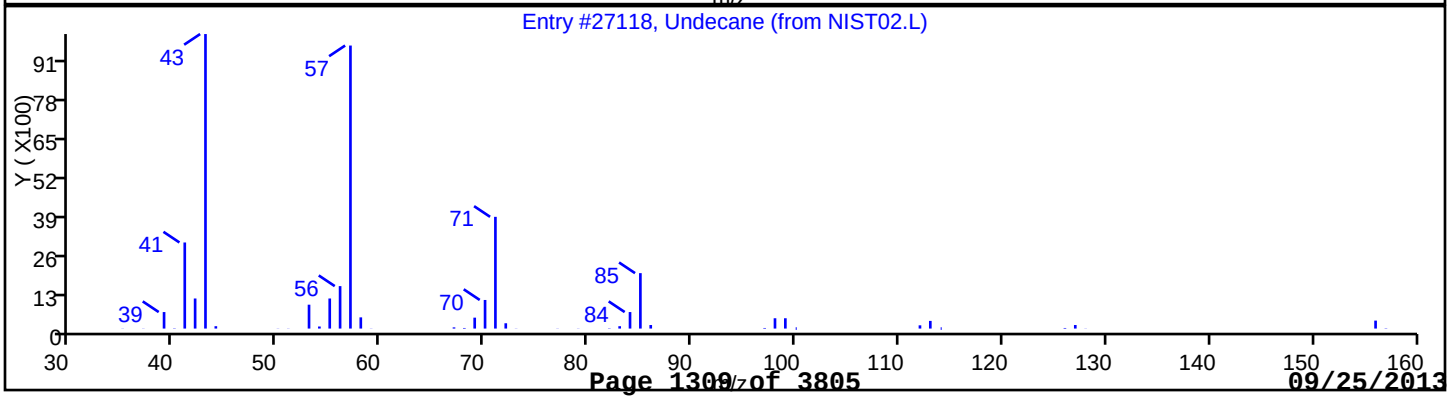
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Decane	124-18-5	NIST02.L	18419	97
Nonane	111-84-2	NIST02.L	12252	80
Undecane	1120-21-4	NIST02.L	27118	72









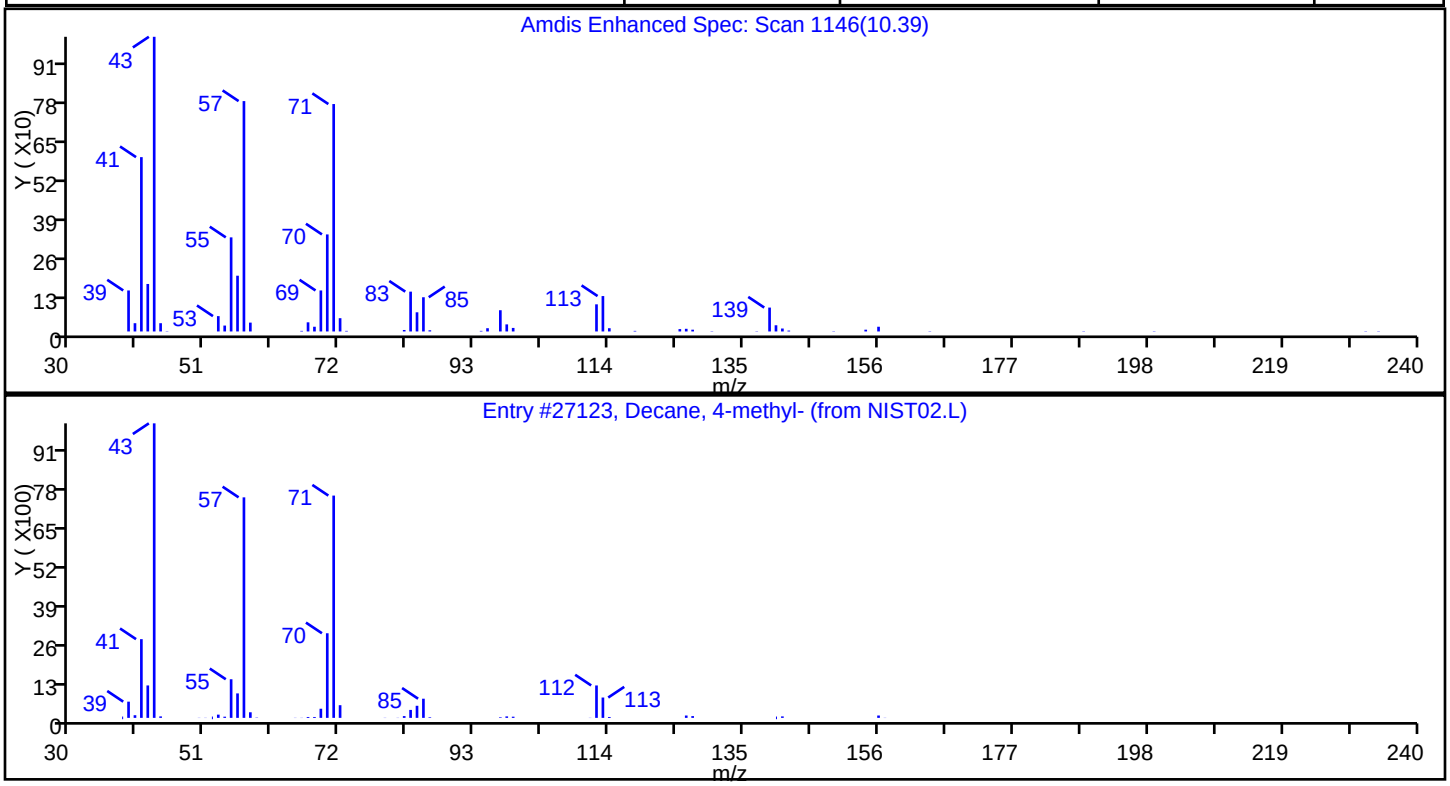
Report Date: 19-Sep-2013 18:26:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
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, 4-methyl-	2847-72-5	NIST02.L	27123	90



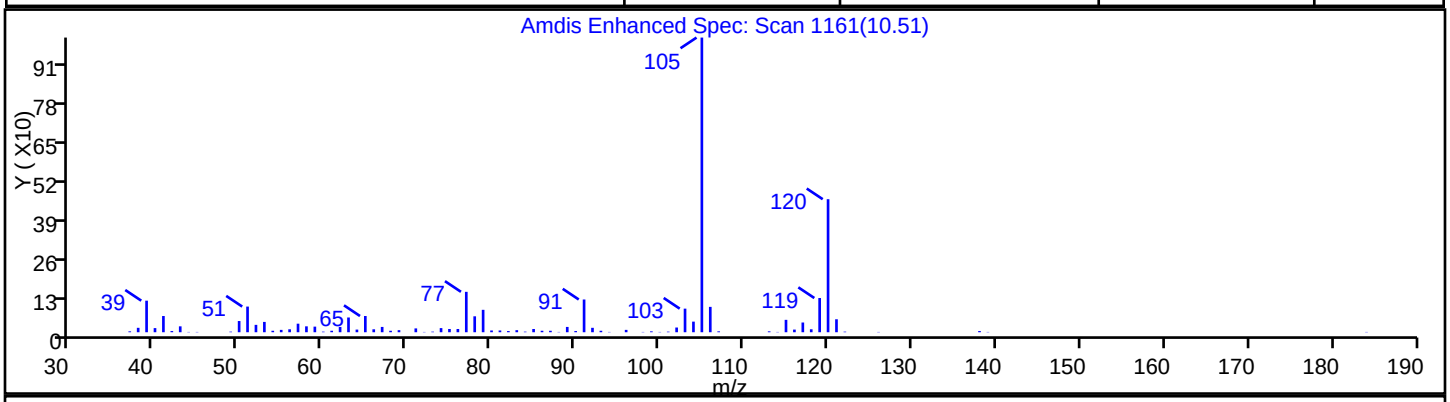
Report Date: 19-Sep-2013 18:26:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

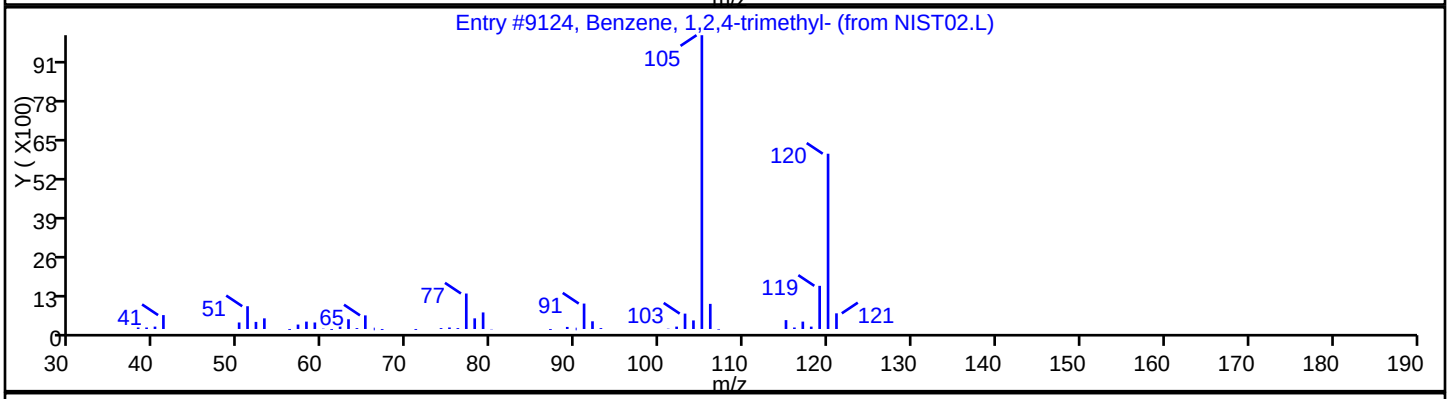
TestAmerica Edison

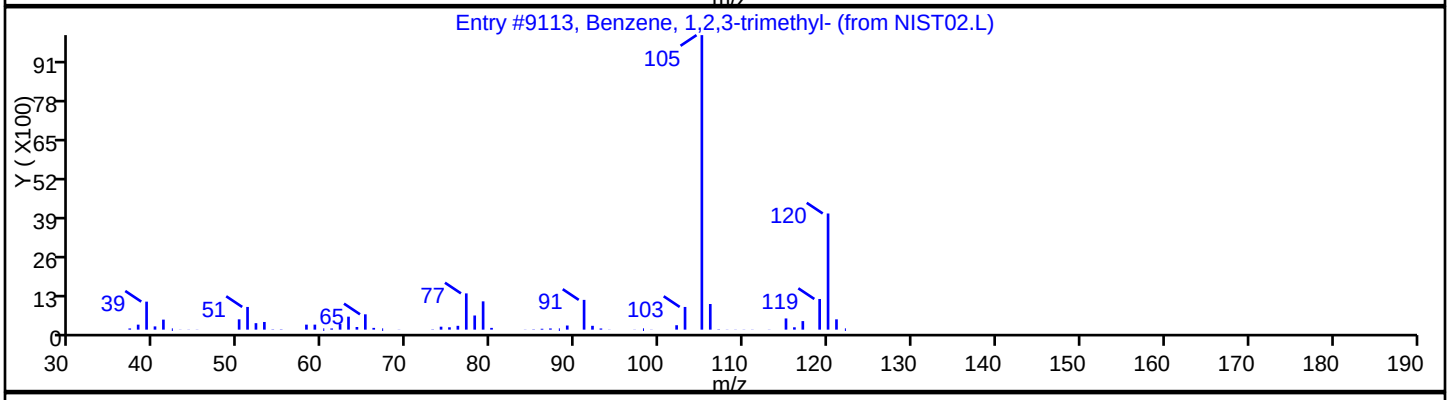
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

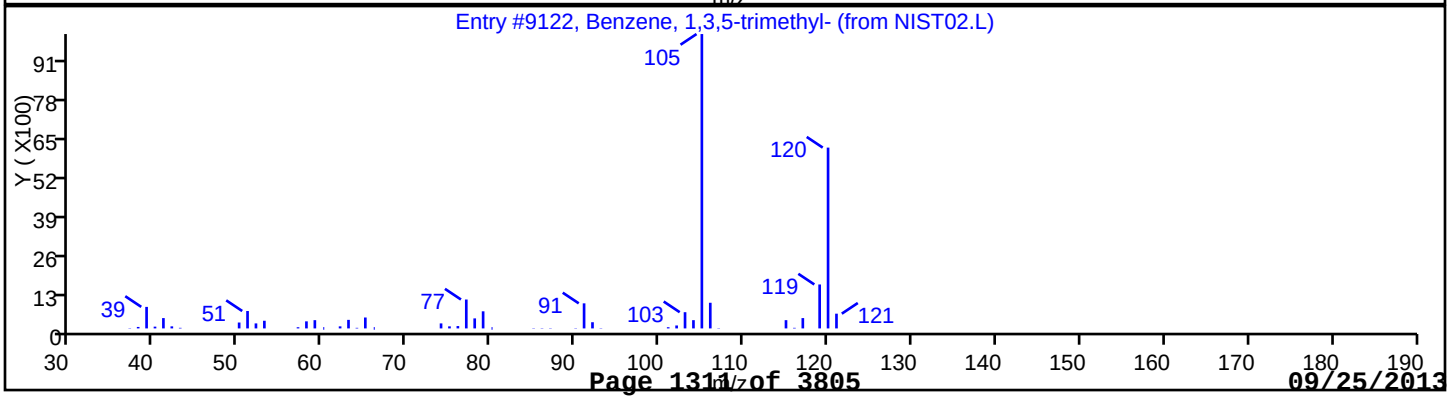
Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9124	94
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9113	97
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.L	9122	94









Report Date: 19-Sep-2013 18:26:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date: 19-Sep-2013 14:50:30 Limit Group: VOA - 8260B Water and Solid

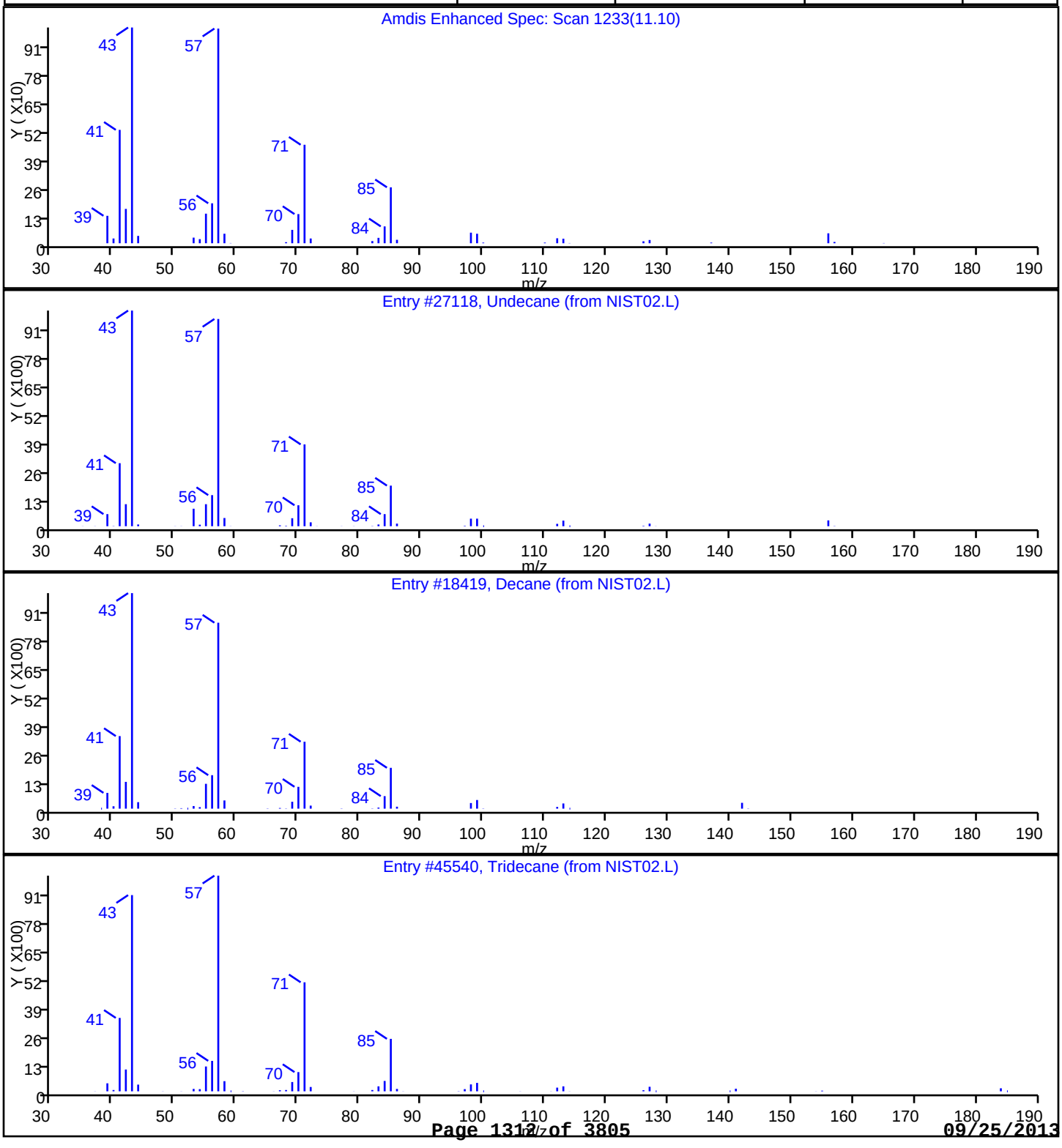
Client ID: PMP-24SE-VD Instrument ID: CVOAMS2

Lims Batch ID: 182095 Lims Sample ID: 9

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
Tridecane	629-50-5	NIST02.L	45540	86



Report Date: 19-Sep-2013 18:26:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date: 19-Sep-2013 14:50:30 Limit Group: VOA - 8260B Water and Solid

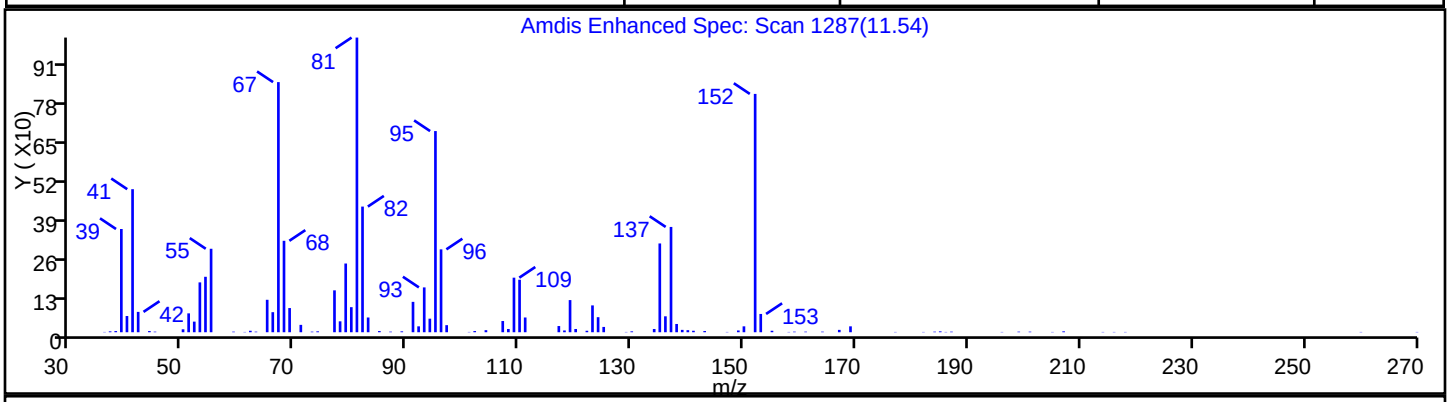
Client ID: PMP-24SE-VD Instrument ID: CVOAMS2

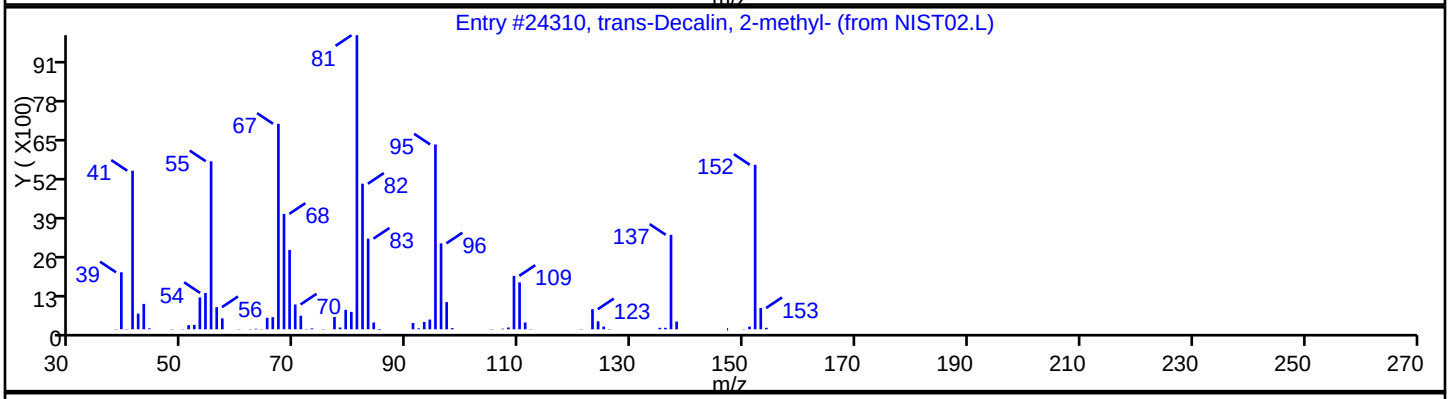
Lims Batch ID: 182095 Lims Sample ID: 9

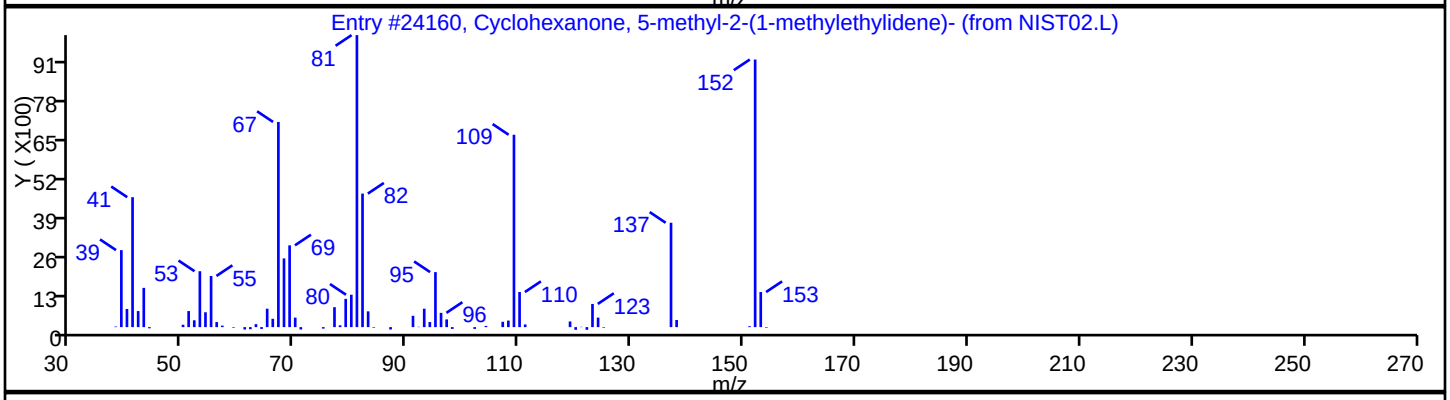
Operator ID: Purge Vol: 5.000 mL

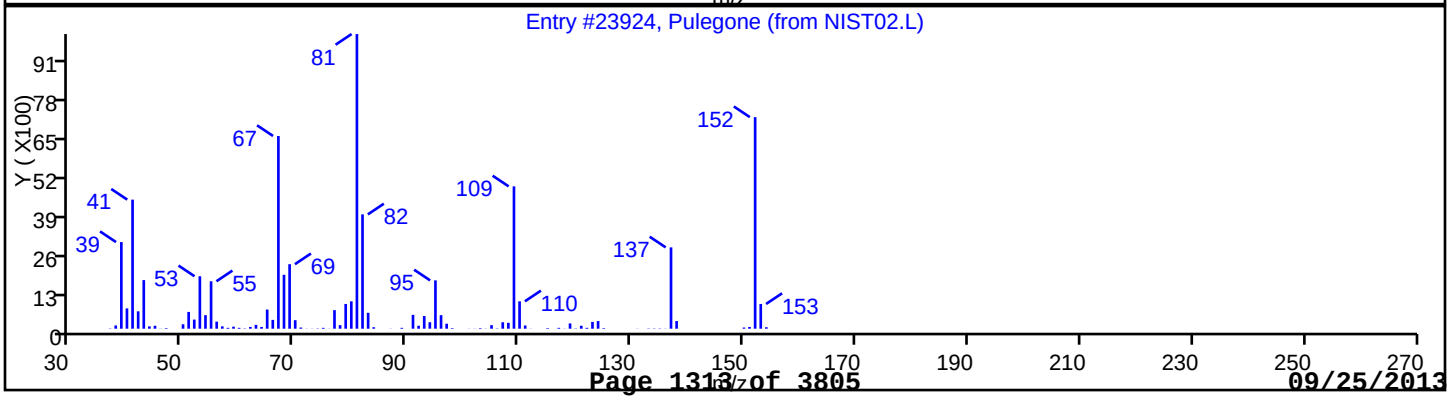
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	93
Cyclohexanone, 5-methyl-2-(1-methylethyl	15932-80-6	NIST02.L	24160	81
Pulegone	89-82-7	NIST02.L	23924	76









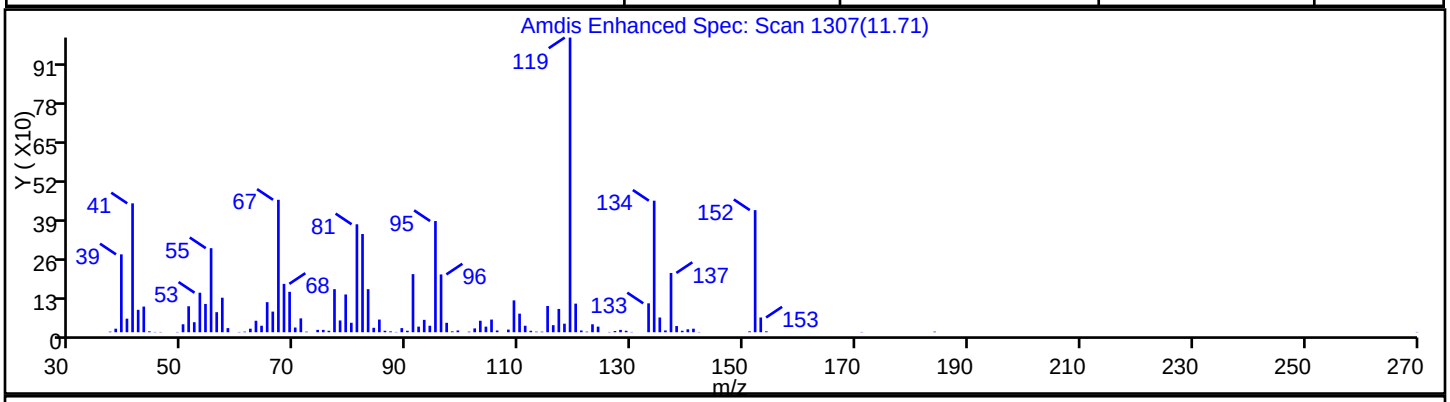
Report Date: 19-Sep-2013 18:26:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

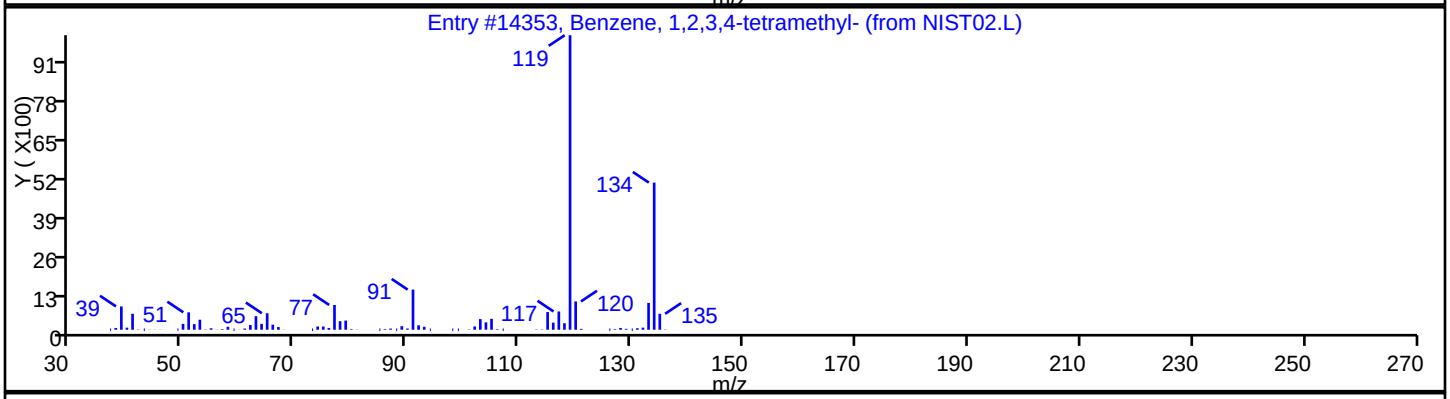
TestAmerica Edison

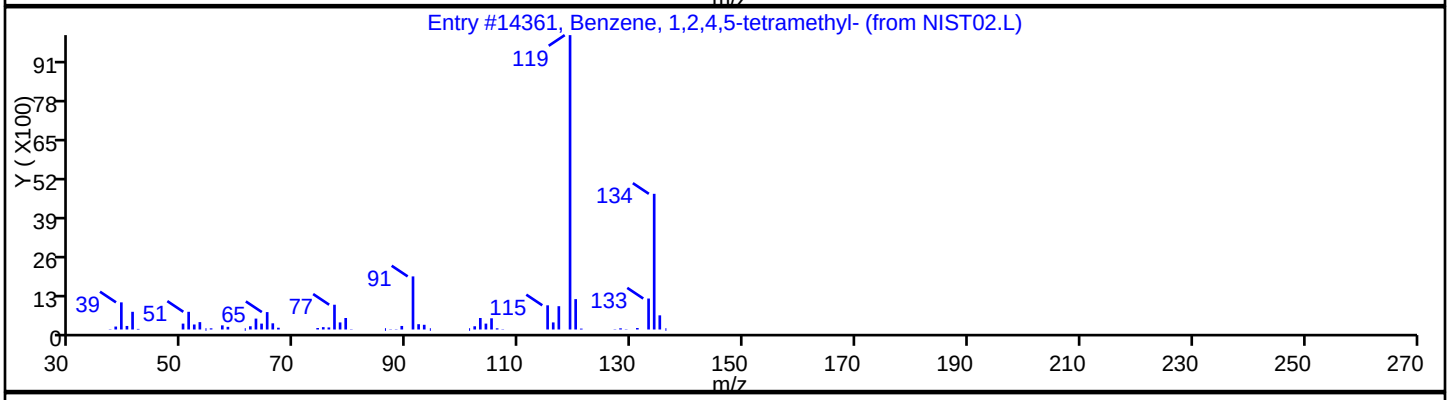
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

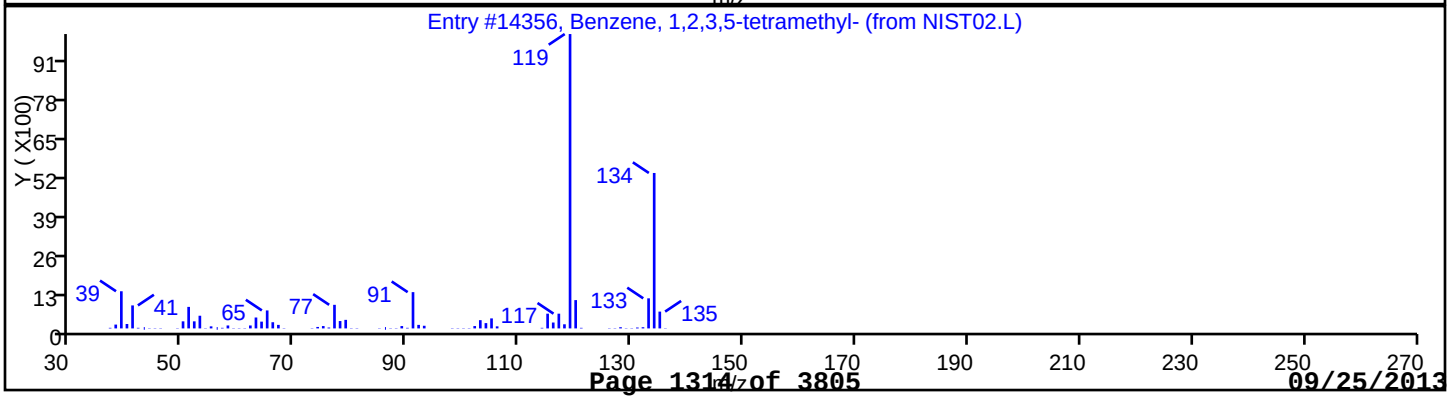
Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14353	86
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	94
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14356	86









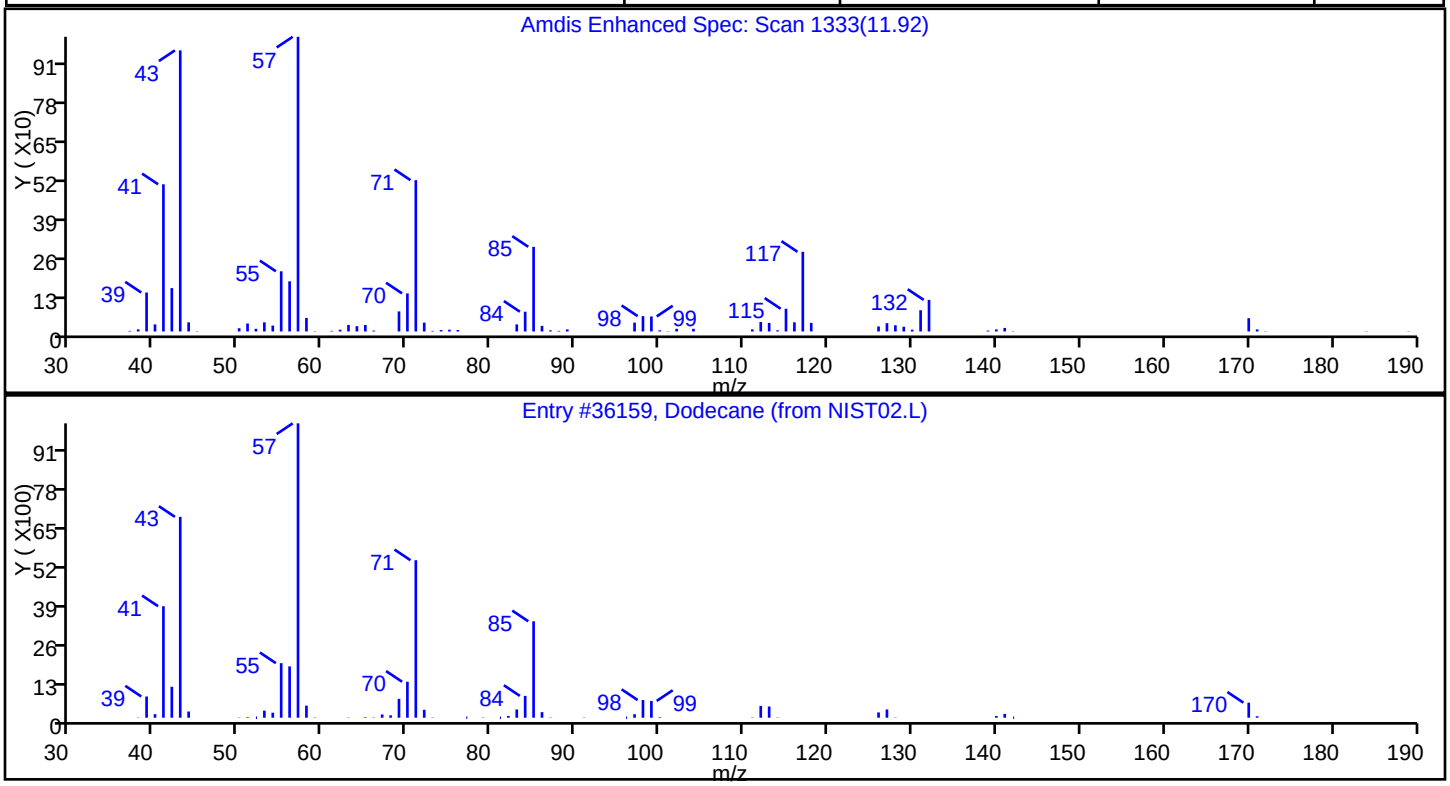
Report Date: 19-Sep-2013 18:26:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date:	19-Sep-2013 14:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-VD	Instrument ID:	CVOAMS2
Lims Batch ID:	182095	Lims Sample ID:	9
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	96



Report Date: 19-Sep-2013 18:26:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date: 19-Sep-2013 14:50:30 Limit Group: VOA - 8260B Water and Solid

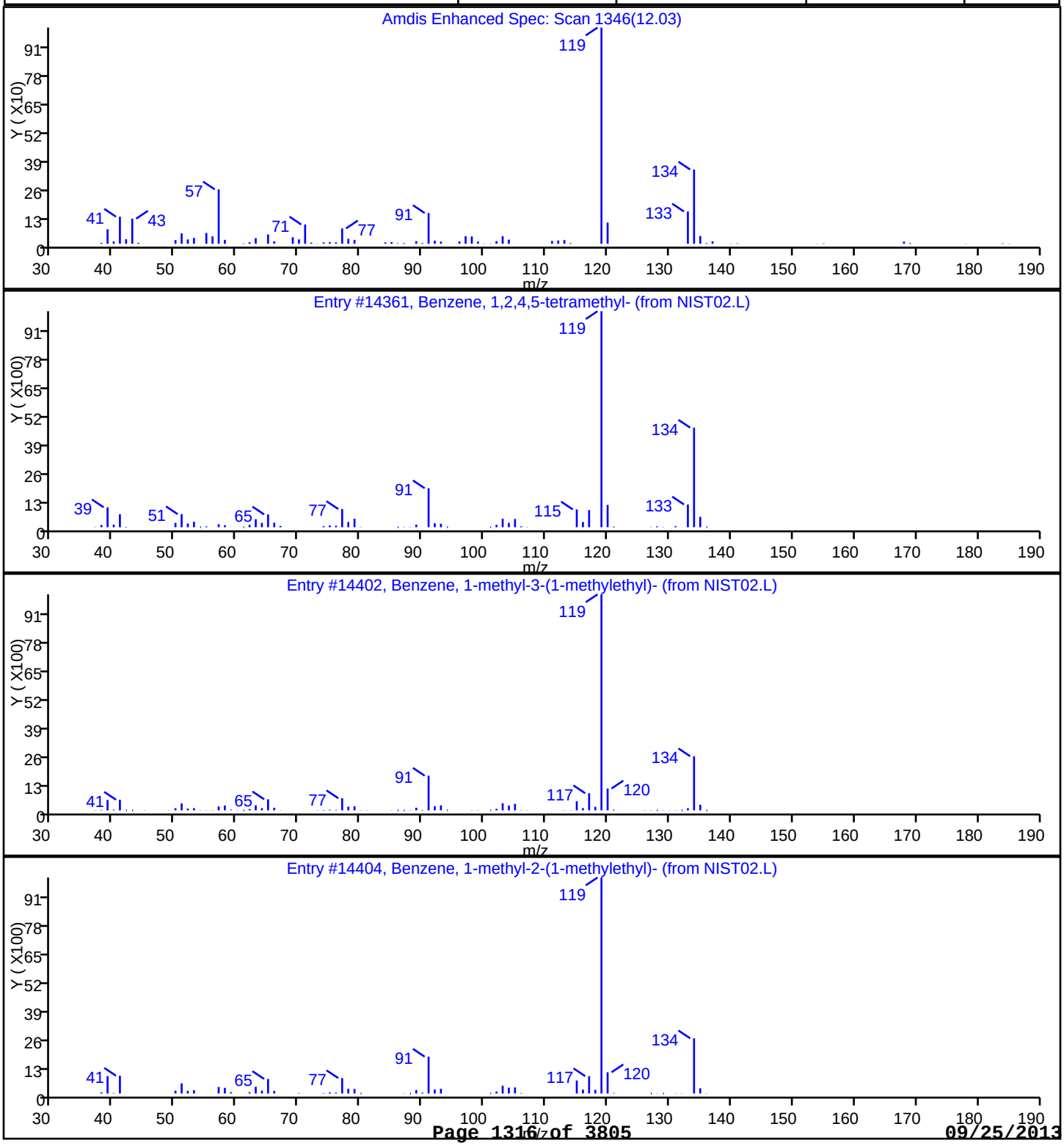
Client ID: PMP-24SE-VD Instrument ID: CVOAMS2

Lims Batch ID: 182095 Lims Sample ID: 9

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	90
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.L	14402	87
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14404	87



Report Date: 19-Sep-2013 18:26:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date: 19-Sep-2013 14:50:30 Limit Group: VOA - 8260B Water and Solid

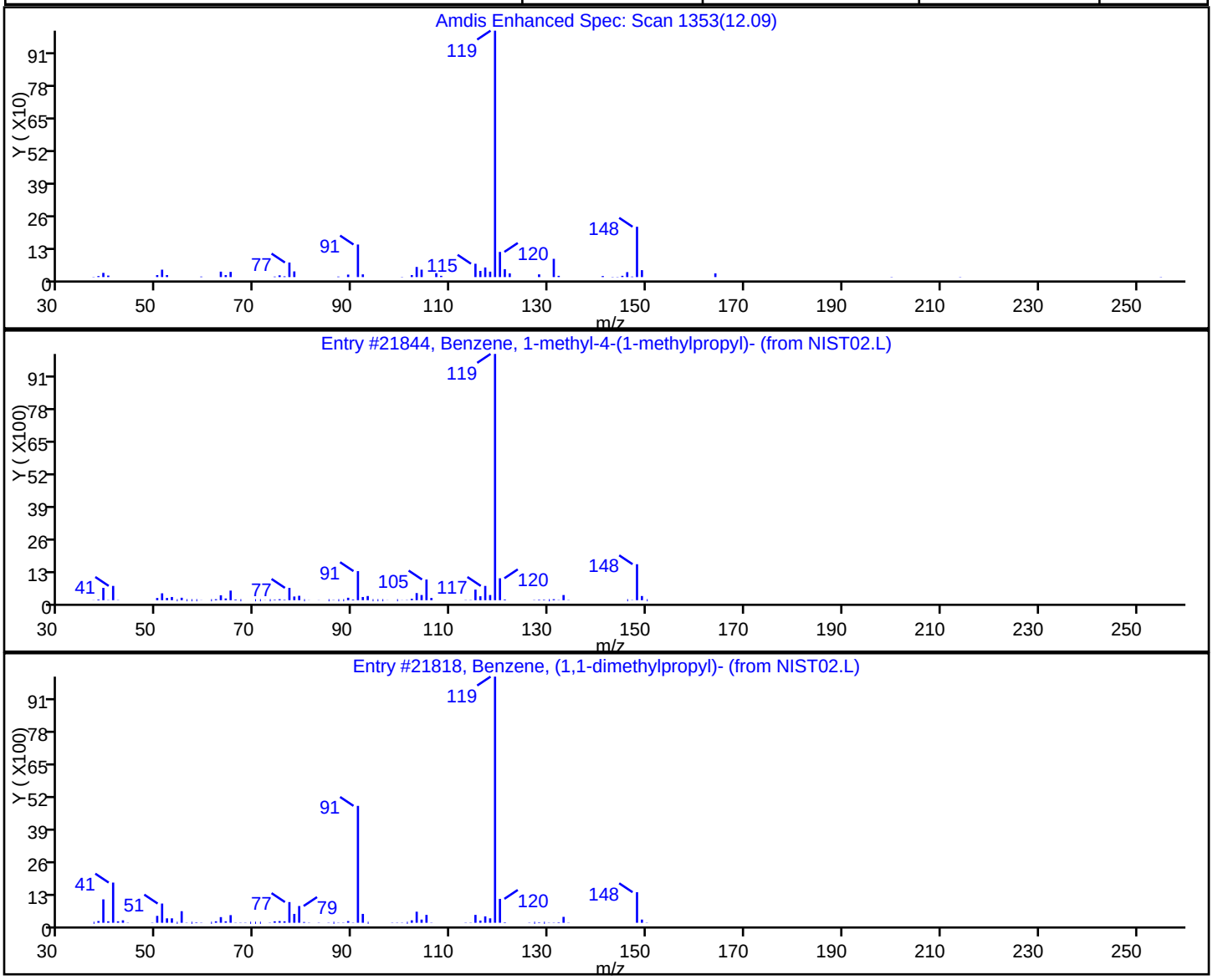
Client ID: PMP-24SE-VD Instrument ID: CVOAMS2

Lims Batch ID: 182095 Lims Sample ID: 9

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



Report Date: 19-Sep-2013 18:26:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4800.b\B60675.D

Injection Date: 19-Sep-2013 14:50:30 Limit Group: VOA - 8260B Water and Solid

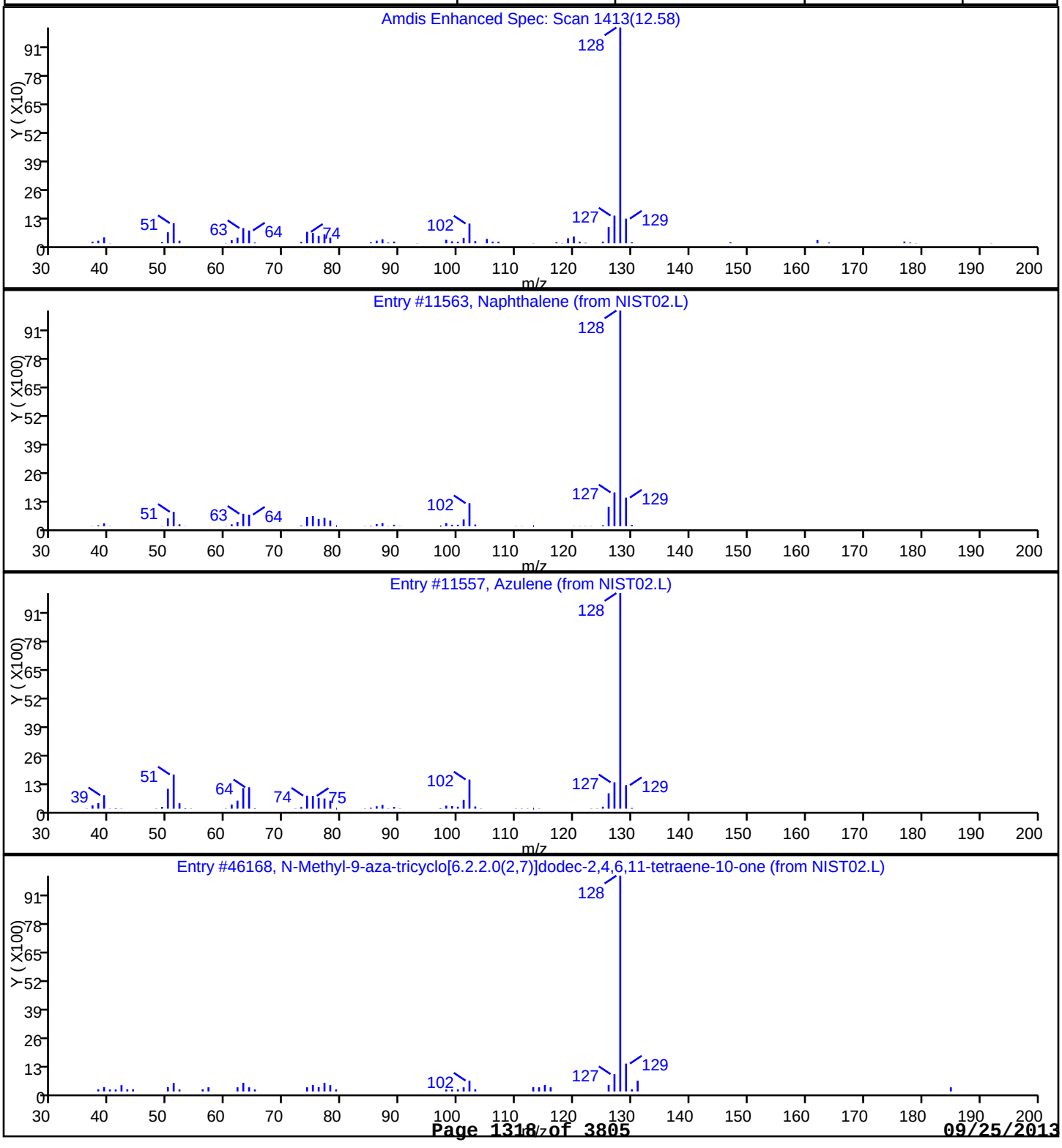
Client ID: PMP-24SE-VD Instrument ID: CVOAMS2

Lims Batch ID: 182095 Lims Sample ID: 9

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	91-20-3	NIST02.L	11563	95
Azulene	275-51-4	NIST02.L	11557	94
N-Methyl-9-aza-tricyclo[6.2.2.0(2,7)]dod	13131-19-6	NIST02.L	46168	72



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-WT | Lab Sample ID: 460-62968-29

Matrix: Solid | Lab File ID: B60660.D

Analysis Method: 8260B | Date Collected: 09/12/2013 15:25

Sample wt/vol: 5.835(g) | Date Analyzed: 09/19/2013 06:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 | ID: 0.25(mm)

% Moisture: 5.9 | Level: (low/med) Medium

Analysis Batch No.: 182063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	8.8	U	91	8.8
74-83-9	Bromomethane	17	U	91	17
75-01-4	Vinyl chloride	13	U	91	13
75-00-3	Chloroethane	15	U	91	15
75-09-2	Methylene Chloride	17	U	91	17
67-64-1	Acetone	240	U	460	240
75-15-0	Carbon disulfide	11	U	91	11
75-69-4	Trichlorofluoromethane	13	U	91	13
75-35-4	1,1-Dichloroethene	8.1	U	91	8.1
75-34-3	1,1-Dichloroethane	12	U	91	12
156-60-5	trans-1,2-Dichloroethene	12	U	91	12
156-59-2	cis-1,2-Dichloroethene	98		91	16
67-66-3	Chloroform	820		91	7.2
78-93-3	2-Butanone	210	U	460	210
107-06-2	1,2-Dichloroethane	17	U	91	17
71-55-6	1,1,1-Trichloroethane	5.7	U	91	5.7
56-23-5	Carbon tetrachloride	5.2	U	91	5.2
71-43-2	Benzene	11	J	91	7.5
75-25-2	Bromoform	17	U	91	17
100-42-5	Styrene	870		91	11
100-41-4	Ethylbenzene	2700		91	8.7
108-90-7	Chlorobenzene	570		91	10
110-82-7	Cyclohexane	14	U	91	14
98-82-8	Isopropylbenzene	970		91	7.0
591-78-6	2-Hexanone	46	U	460	46
1634-04-4	MTBE	13	U	91	13
76-13-1	Freon TF	7.5	U	91	7.5
79-20-9	Methyl acetate	31	U	460	31
123-91-1	1,4-Dioxane	3300	U	4600	3300
79-01-6	Trichloroethene	2400		91	8.4
108-88-3	Toluene	180		91	14
10061-02-6	trans-1,3-Dichloropropene	22	U	91	22
108-10-1	4-Methyl-2-pentanone	90	U	460	90
10061-01-5	cis-1,3-Dichloropropene	17	U	91	17
95-50-1	1,2-Dichlorobenzene	3500		91	19
541-73-1	1,3-Dichlorobenzene	12	U	91	12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-WT | Lab Sample ID: 460-62968-29

Matrix: Solid | Lab File ID: B60660.D

Analysis Method: 8260B | Date Collected: 09/12/2013 15:25

Sample wt/vol: 5.835(g) | Date Analyzed: 09/19/2013 06:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.9 | Level: (low/med) Medium

Analysis Batch No.: 182063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	380		91	21
120-82-1	1,2,4-Trichlorobenzene	26000		91	31
87-61-6	1,2,3-Trichlorobenzene	6500		91	47
78-87-5	1,2-Dichloropropane	7.8	U	91	7.8
108-87-2	Methylcyclohexane	26	J	91	12
127-18-4	Tetrachloroethene	120		91	8.9
1330-20-7	Xylenes, Total	21000		270	33
96-12-8	1,2-Dibromo-3-Chloropropane	36	U	91	36
79-34-5	1,1,2,2-Tetrachloroethane	14	U	91	14
79-00-5	1,1,2-Trichloroethane	17	U	91	17
124-48-1	Dibromochloromethane	18	U	91	18
106-93-4	1,2-Dibromoethane	25	U	91	25
75-71-8	Dichlorodifluoromethane	20	U	91	20
74-97-5	Bromochloromethane	25	U	91	25
75-27-4	Bromodichloromethane	11	U	91	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		75-135
2037-26-5	Toluene-d8 (Surr)	78		59-150
460-00-4	Bromofluorobenzene	88		72-133
1868-53-7	Dibromofluoromethane (Surr)	87		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-WT Lab Sample ID: 460-62968-29

Matrix: Solid Lab File ID: B60660.D

Analysis Method: 8260B Date Collected: 09/12/2013 15:25

Sample wt/vol: 5.835(g) Date Analyzed: 09/19/2013 06:58

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.9 Level: (low/med) Medium

Analysis Batch No.: 182063 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 79500

CAS NO.	COMPOUND NAME	RT	RESULT	Q
3728-55-0	1-Ethyl-3-methylcyclohexane (c,t)	9.24	5100	J N
696-29-7	Cyclohexane, (1-methylethyl)-	9.52	13000	J N
	Unknown	9.74	5100	J
611-14-3	Benzene, 1-ethyl-2-methyl-	10.11	5500	J N
	Unknown alkane	10.39	4000	J
95-63-6	Benzene, 1,2,4-trimethyl-	10.50	5500	J N
526-73-8	Benzene, 1,2,3-trimethyl-	10.85	22000	J N
	Unknown	11.04	9500	J
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.71	4300	J N
535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-	12.03	5500	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D
Lims ID: 460-62968-A-29-A
Client ID: PMP-24SE-WT
Inject. Date: 19-Sep-2013 06:58:30
Dil. Factor: 50.0000
Sample Type: Client
Sample ID: 460-62968-A-29-A
Misc. Info.: 460-0004786-024
Operator:
Instrument ID: CVOAMS2
Purge Vol: 5.000 mL
ALS Bottle#: 23
Lims Batch ID: 182063
Lims Sample ID: 24
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\8260W_2.m
Last Update: 20-Sep-2013 16:47:34
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: 19-Sep-2013 08:12:42

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	2.814	2.789	0.025	55	373114	1000.0	
39 cis-1,2-Dichloroethene	96	3.982	3.974	0.008	82	3955	1.07	
47 Chloroform	83	4.311	4.303	0.008	91	65807	9.01	
$ 57 Dibromofluoromethane (Surr)	113	4.492	4.484	0.008	98	184648	43.7	
52 Benzene	78	4.854	4.846	0.008	23	1733	0.1191	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.879	0.008	90	291352	46.5	
* 58 Fluorobenzene	96	5.208	5.208	0.0	96	676392	50.0	
60 Trichloroethene	95	5.636	5.636	0.0	91	115488	26.6	
62 Methylcyclohexane	83	5.776	5.760	0.016	1	857	0.2895	M
* 65 1,4-Dioxane-d8	96	6.072	6.073	-0.001	89	45719	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.200	7.200	0.0	97	575705	39.2	
77 Toluene	91	7.282	7.282	0.0	92	32142	1.97	
81 Tetrachloroethene	166	7.858	7.858	0.0	87	5828	1.35	
* 87 Chlorobenzene-d5	117	8.764	8.764	0.0	90	588233	50.0	
88 Chlorobenzene	112	8.788	8.788	0.0	87	71555	6.24	
89 Ethylbenzene	106	8.879	8.871	0.008	99	167689	30.1	
91 m-Xylene & p-Xylene	106	8.994	8.994	0.0	99	936038	137.2	
92 o-Xylene	106	9.364	9.356	0.008	89	627080	93.5	
93 Styrene	104	9.389	9.389	0.0	92	112064	9.54	
96 Isopropylbenzene	105	9.677	9.677	0.0	97	185405	10.7	
$ 97 4-Bromofluorobenzene	174	9.858	9.850	0.008	90	254288	44.0	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	96	339646	50.0	
116 1,4-Dichlorobenzene	146	10.829	10.829	0.0	63	40837	4.13	
122 1,2-Dichlorobenzene	146	11.134	11.134	0.0	80	369550	38.8	
127 1,2,4-Trichlorobenzene	180	12.368	12.360	0.008	89	1421840	282.2	
131 1,2,3-Trichlorobenzene	180	12.788	12.788	0.0	80	257445	71.6	
S 134 Xylenes, Total	100				0		230.7	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D		
Lims ID:	460-62968-A-29-A	Client ID:	PMP-24SE-WT
Inject. Date:	19-Sep-2013 06:58:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62968-A-29-A		
Misc. Info.:	460-0004786-024		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	23
Lims Batch ID:	182063	Lims Sample ID:	24
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\8260W_2.m		
Last Update:	20-Sep-2013 16:47:34	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:	19-Sep-2013 08:12:42

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	3728-55-0	1-Ethyl-3-methylcyclohexane (c,t)				
9.241	2833867	56.1	87	90	11251	
	696-29-7	Cyclohexane, (1-methylethyl)-				
9.521	7436933	147.1	87	90	11222	
		Unknown				
9.735	2817235	55.7	87			
	611-14-3	Benzene, 1-ethyl-2-methyl-				
10.113	14974647	60.7	115	94	9130	
		Unknown alkane				
10.385	10735485	43.5	115	0	0	
	95-63-6	Benzene, 1,2,4-trimethyl-				
10.500	14820125	60.1	115	94	9126	I
	526-73-8	Benzene, 1,2,3-trimethyl-				
10.846	12328044	243.9	87	94	9113	
		Unknown				
11.043	25749105	104.4	115	0	0	
	527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-				
11.710	11680885	47.4	115	87	14406	
	535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-				
12.031	14910206	60.5	115	83	14397	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 87 Chlorobenzene-d5	8.764	2527226	50.0
* 115 1,4-Dichlorobenzene-d4	10.846	12328044	50.0

QC Flag Legend

Processing Flags

Review Flags
l - User Selected Library Match

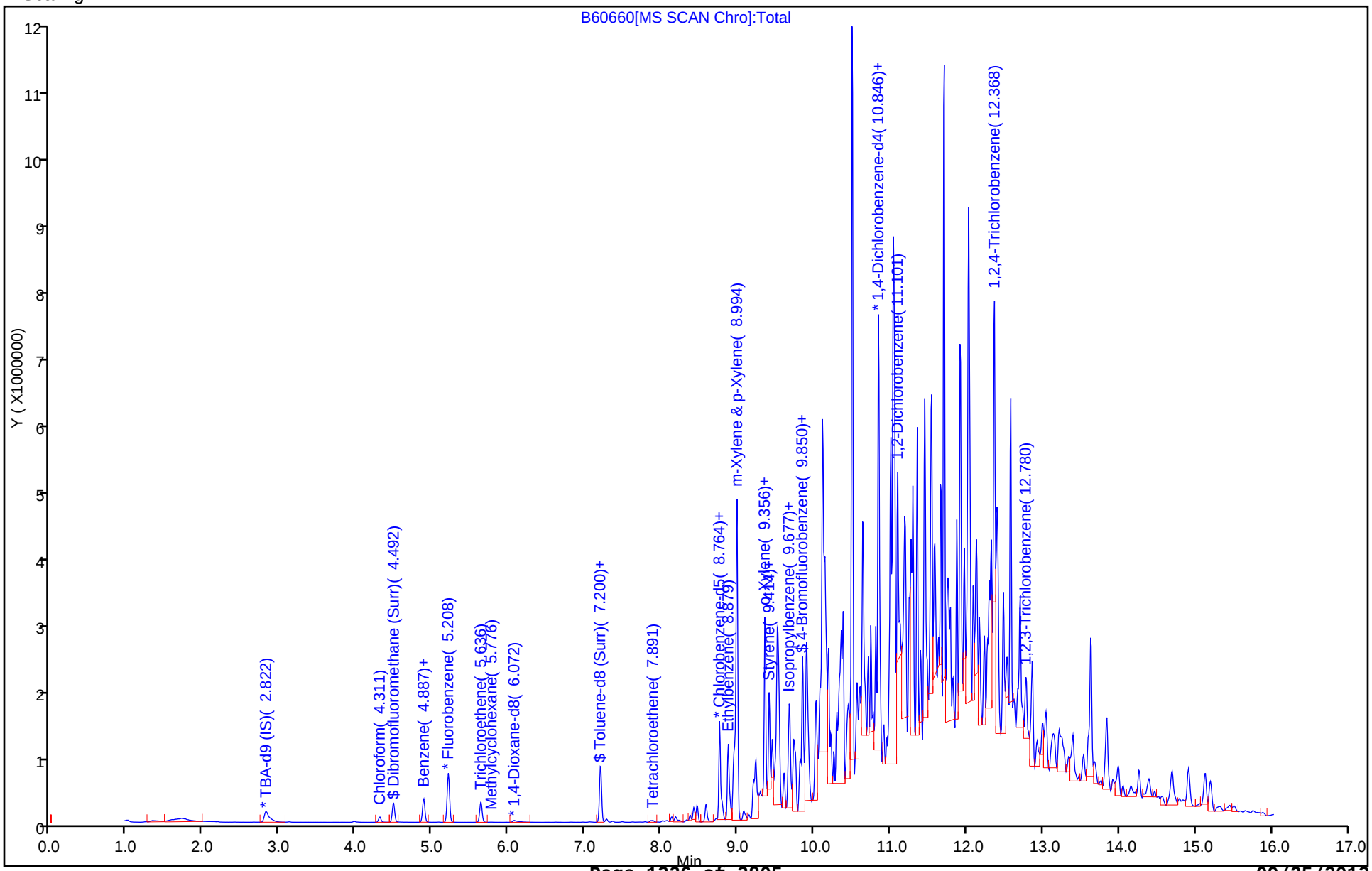
Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



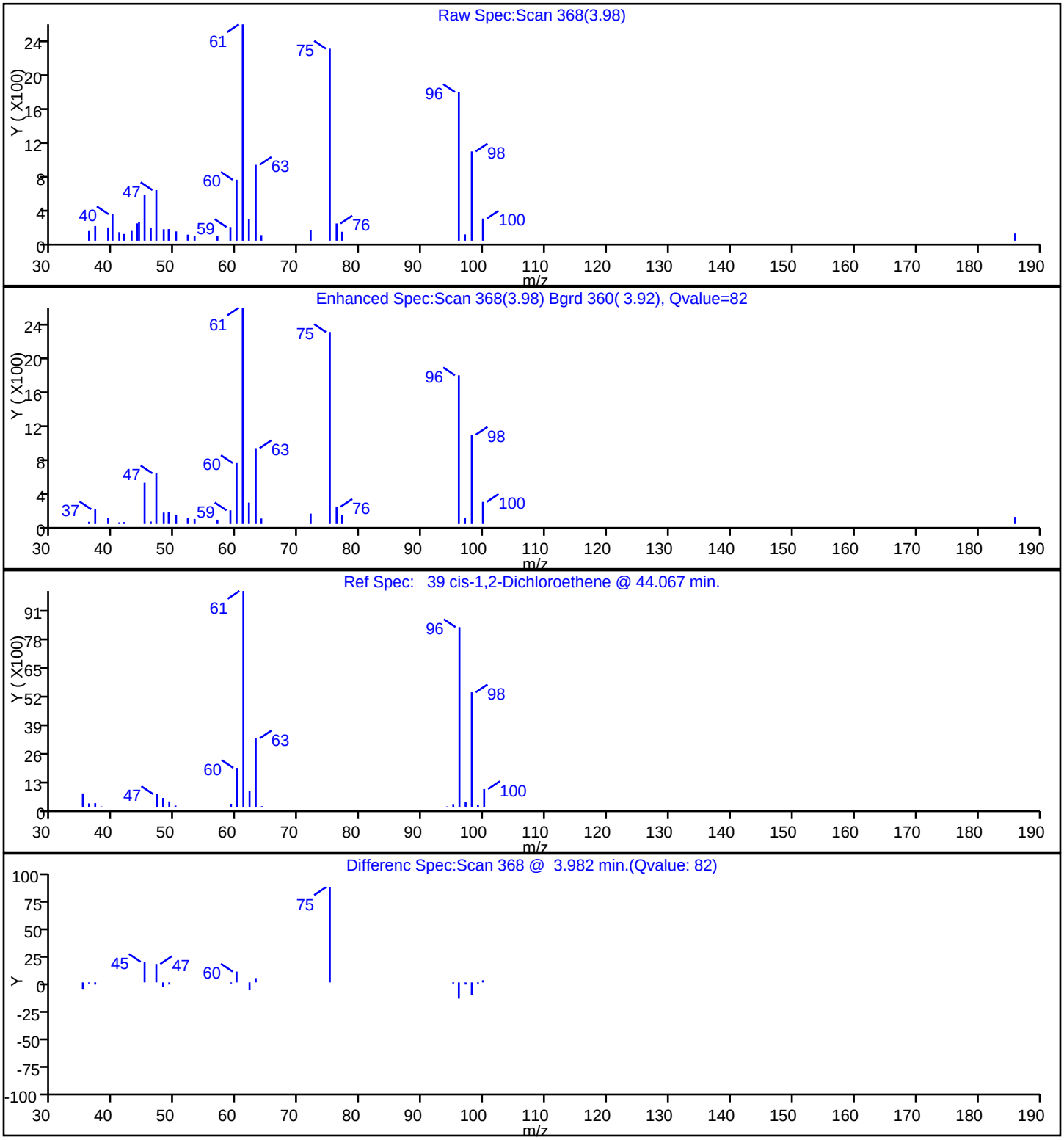
Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

39 cis-1,2-Dichloroethene



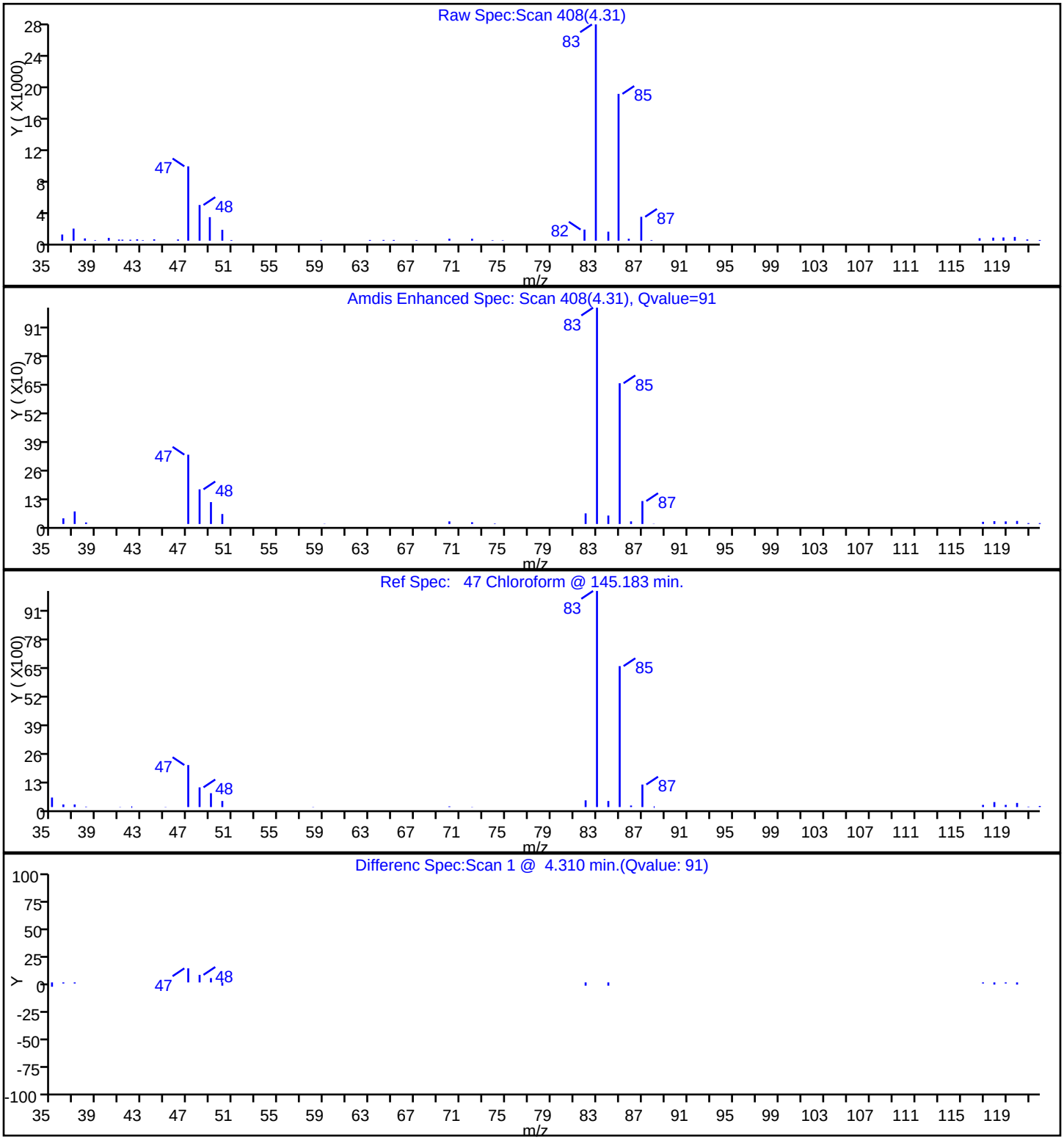
Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



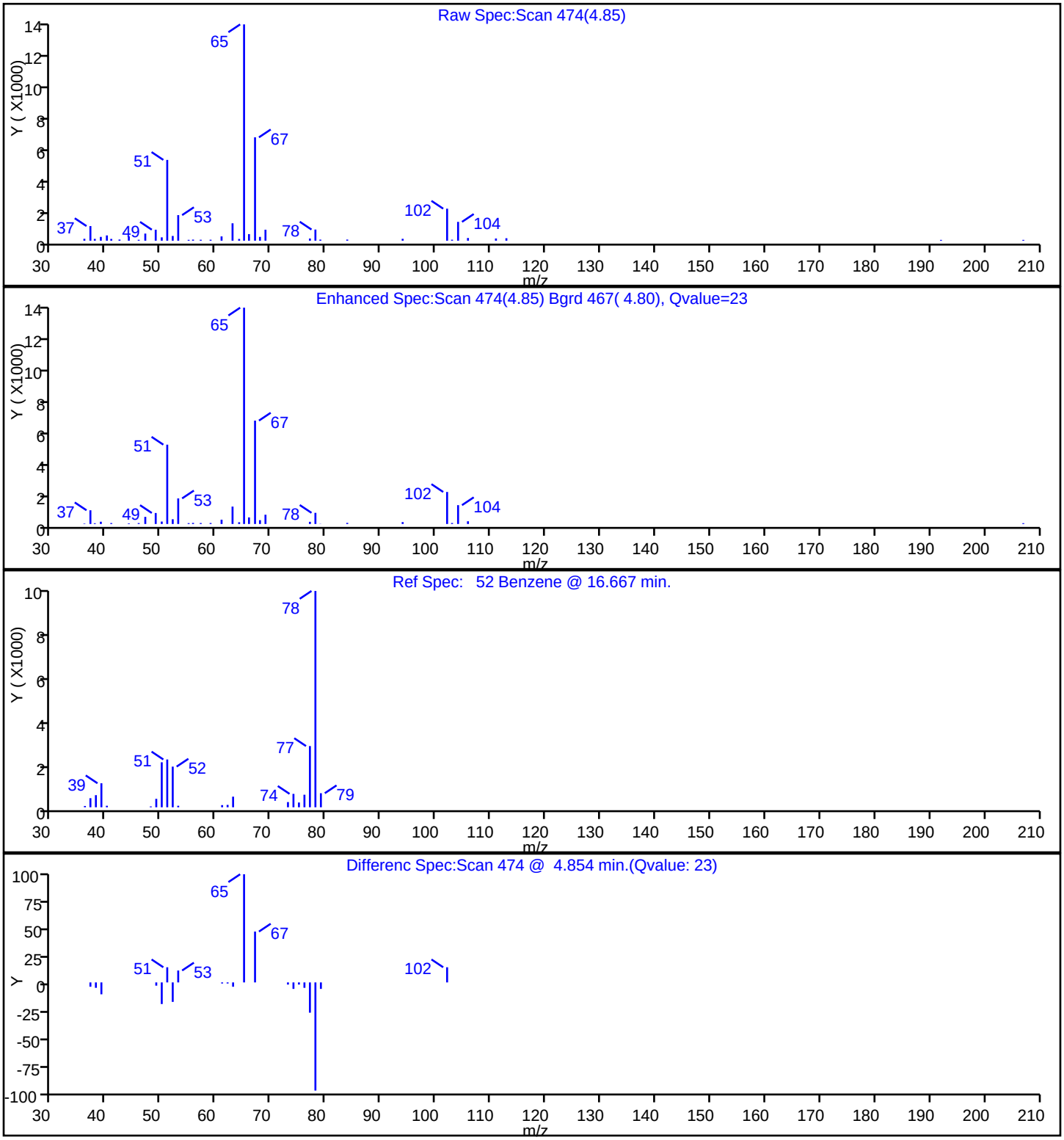
Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

52 Benzene



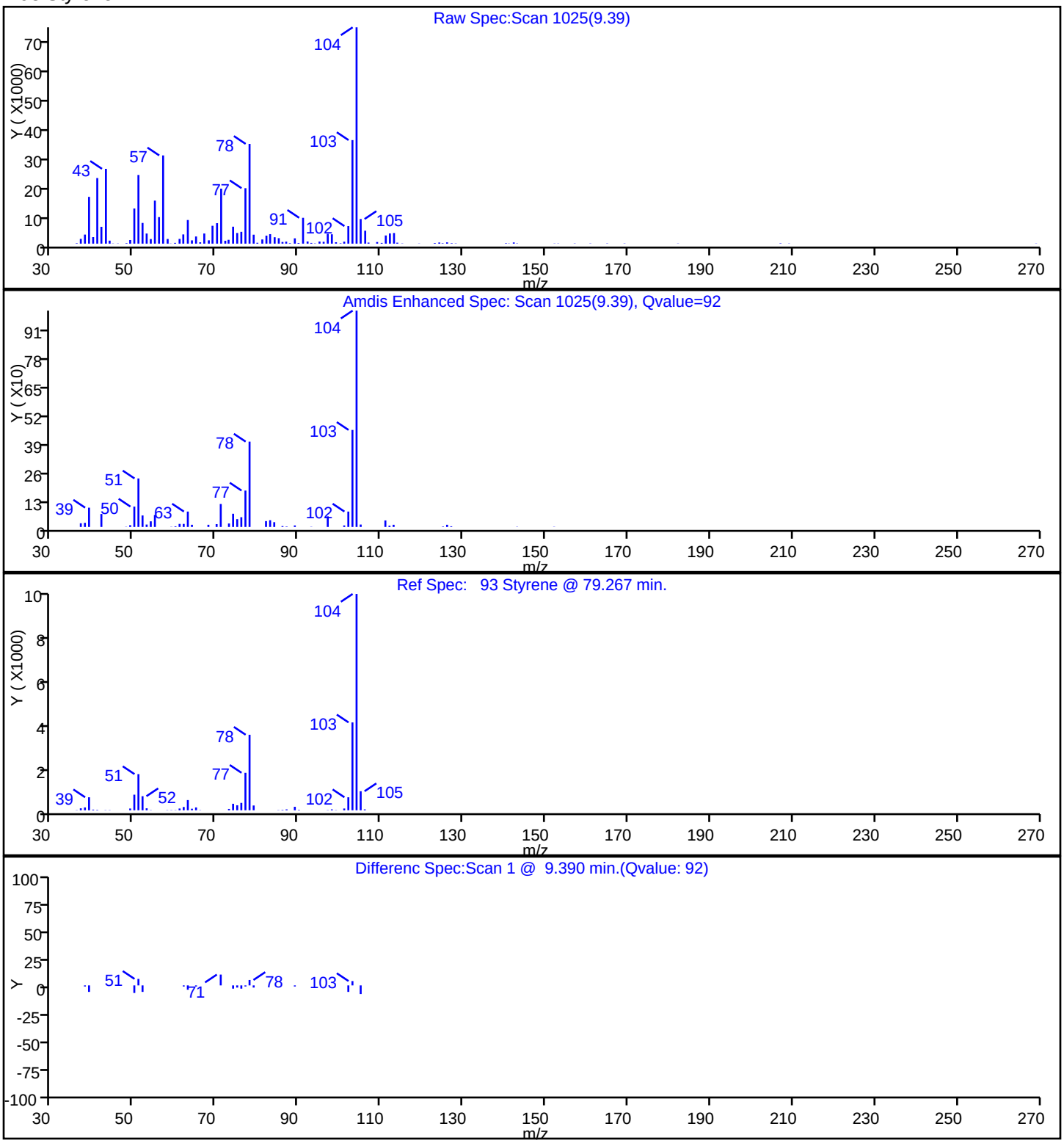
Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

93 Styrene



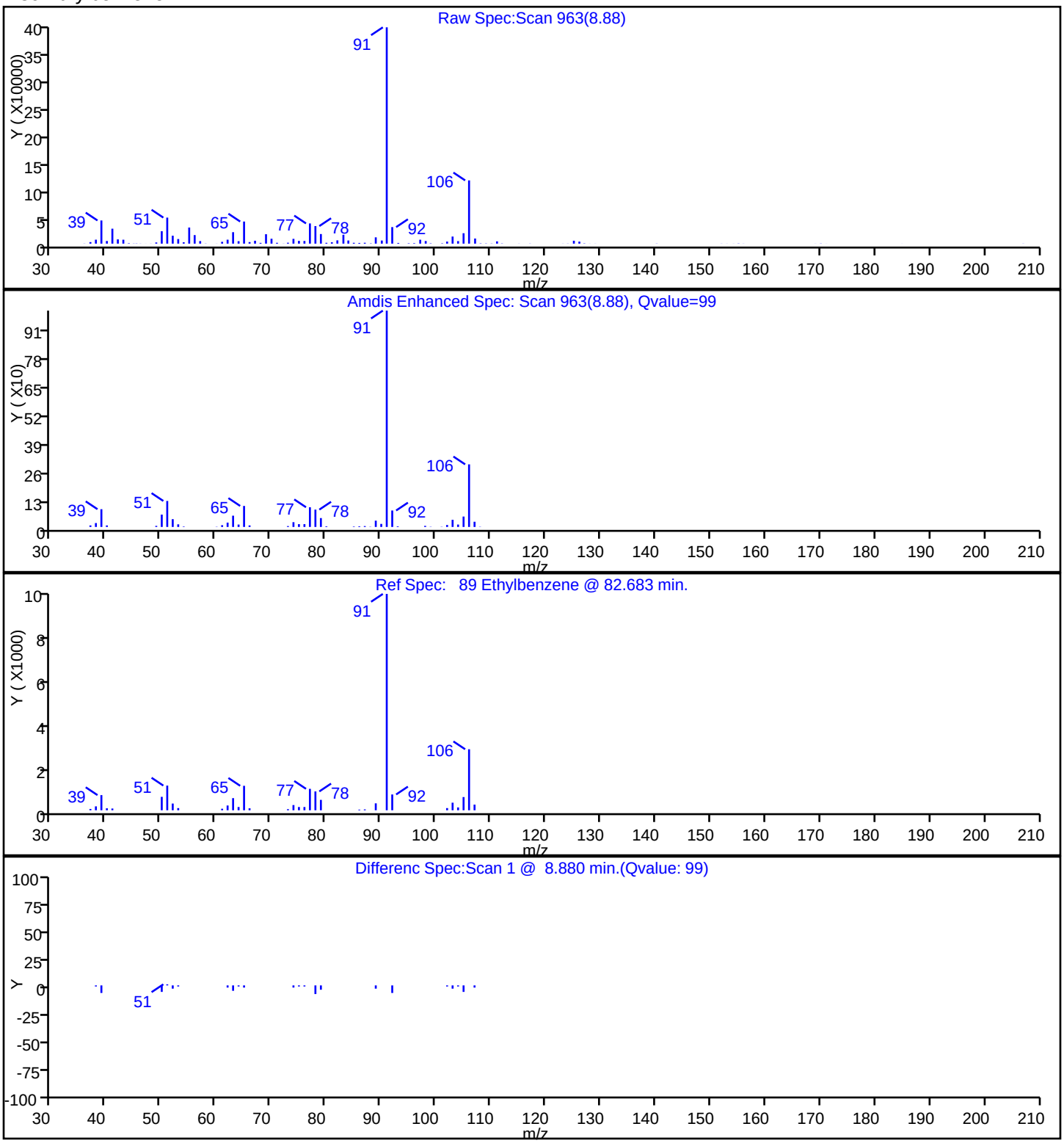
Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

89 Ethylbenzene



Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

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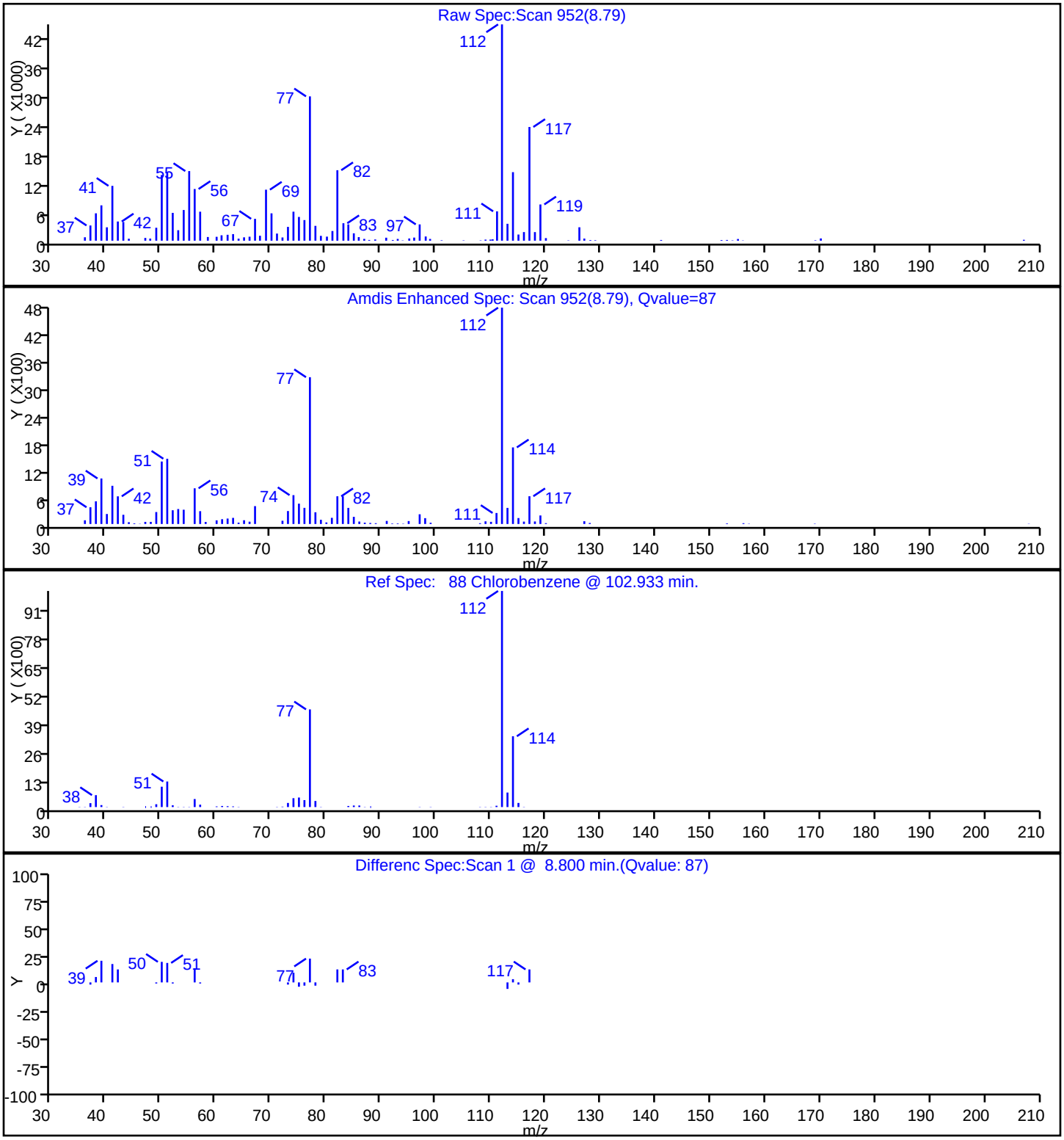
Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

88 Chlorobenzene



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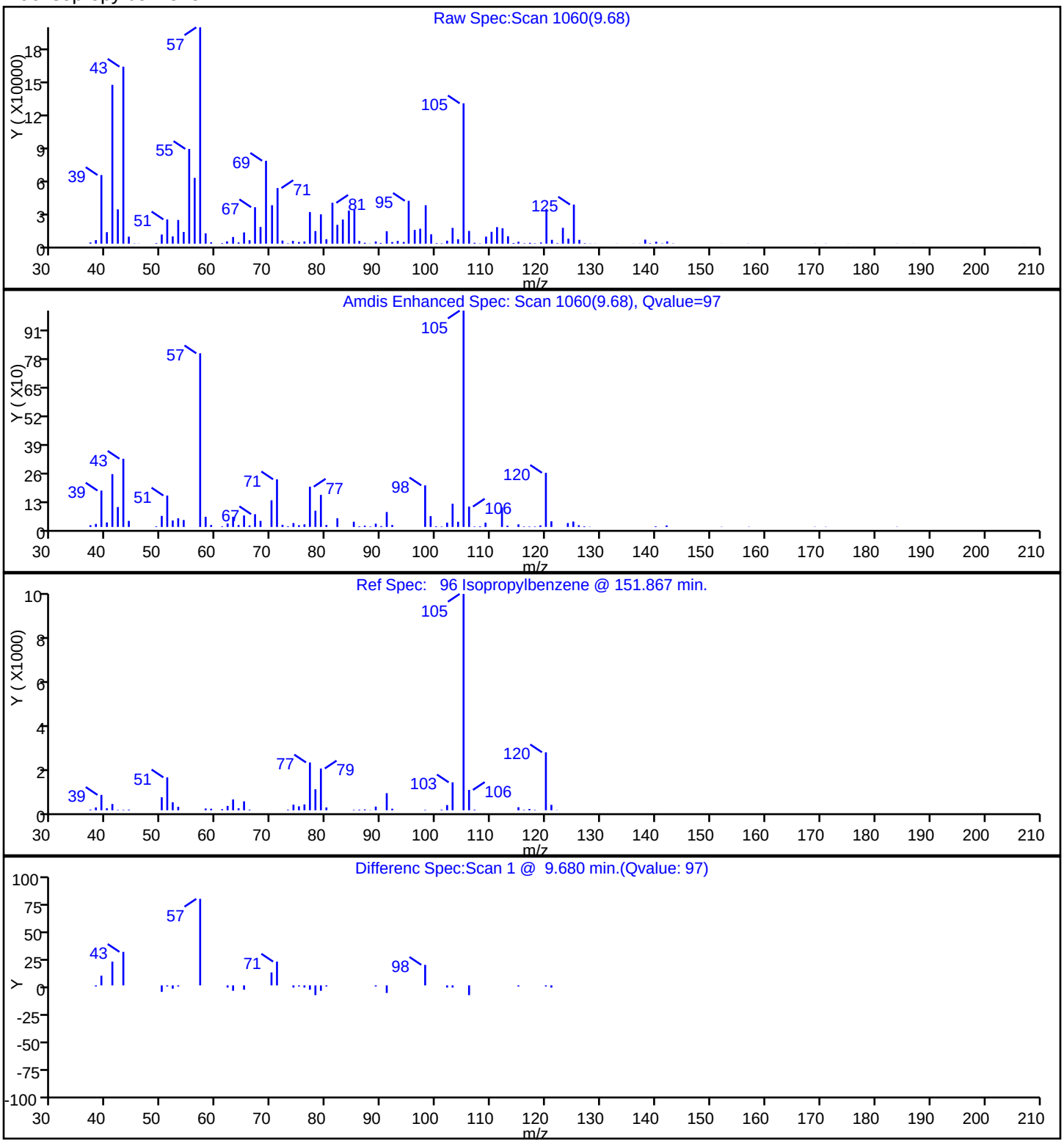
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

96 Isopropylbenzene



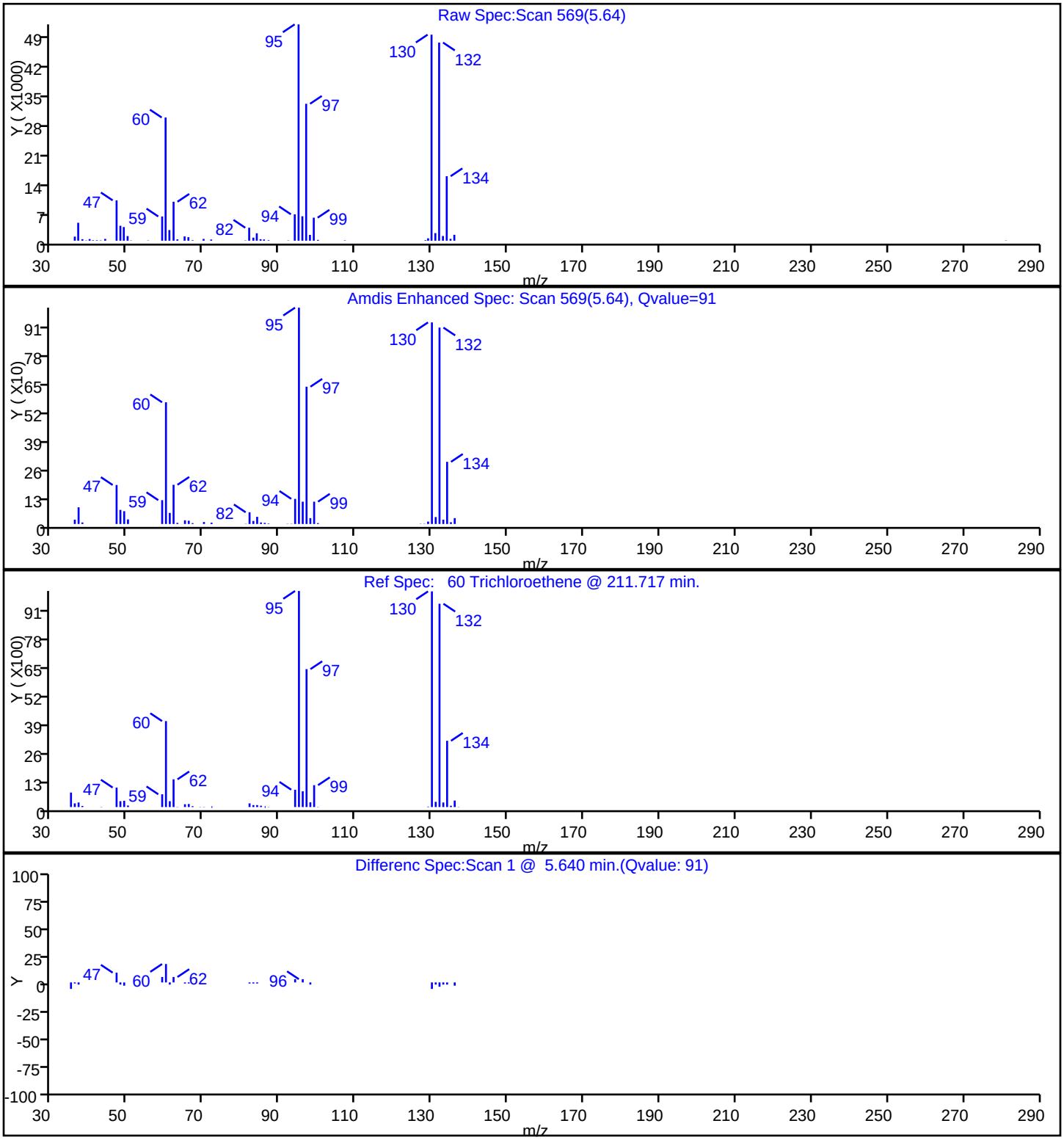
Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

60 Trichloroethene



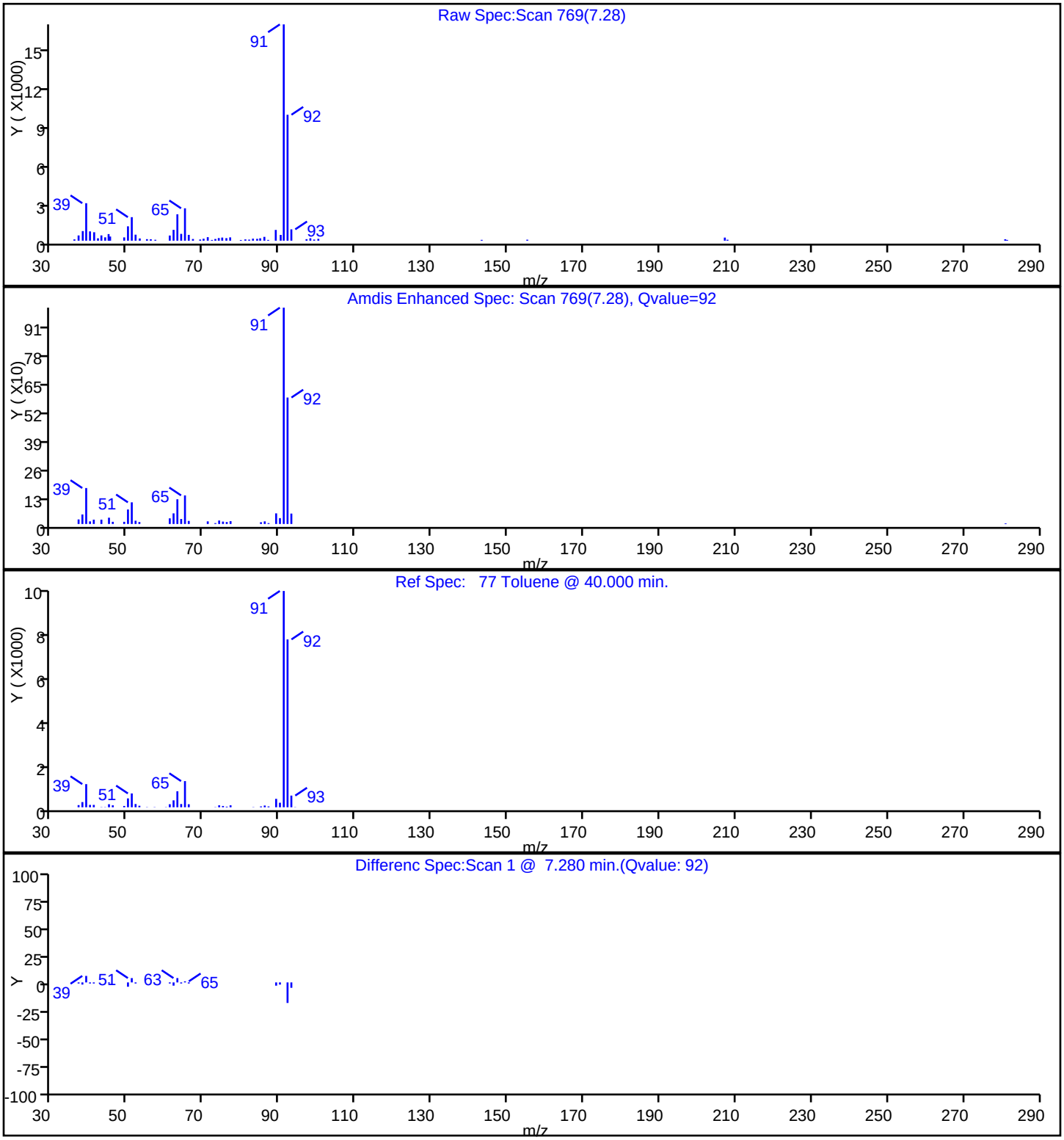
Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

77 Toluene



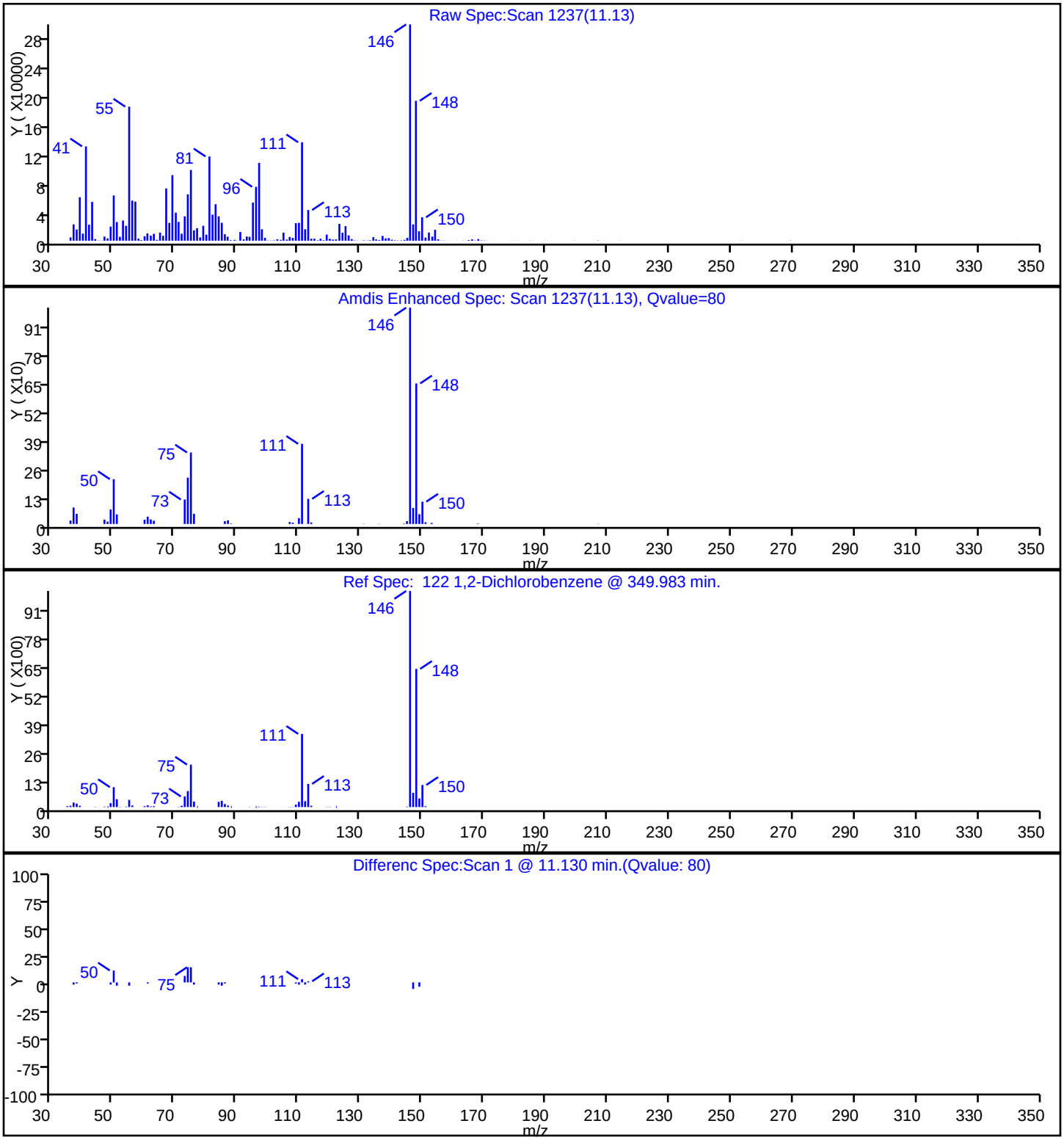
Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

122 1,2-Dichlorobenzene



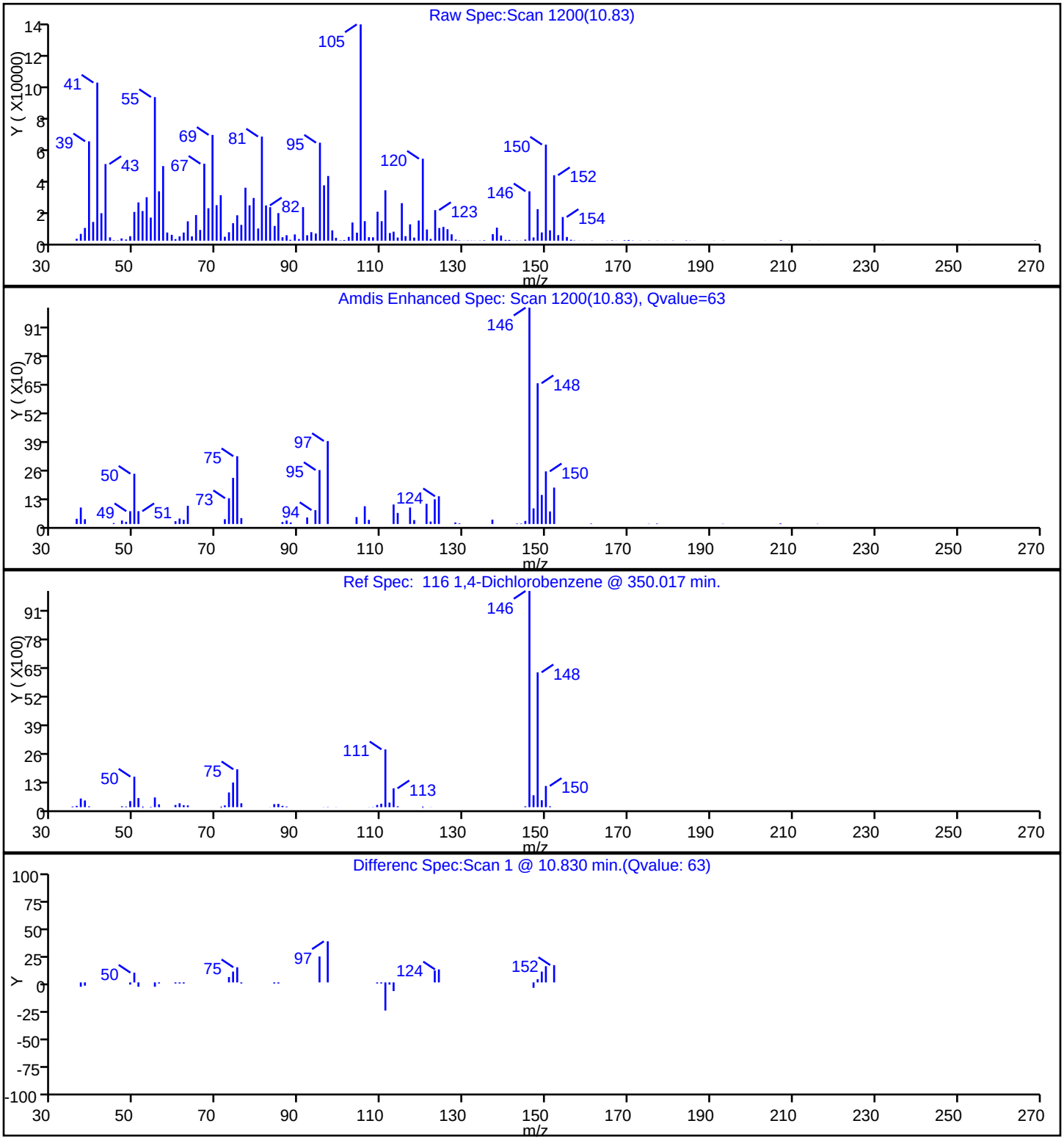
Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

116 1,4-Dichlorobenzene



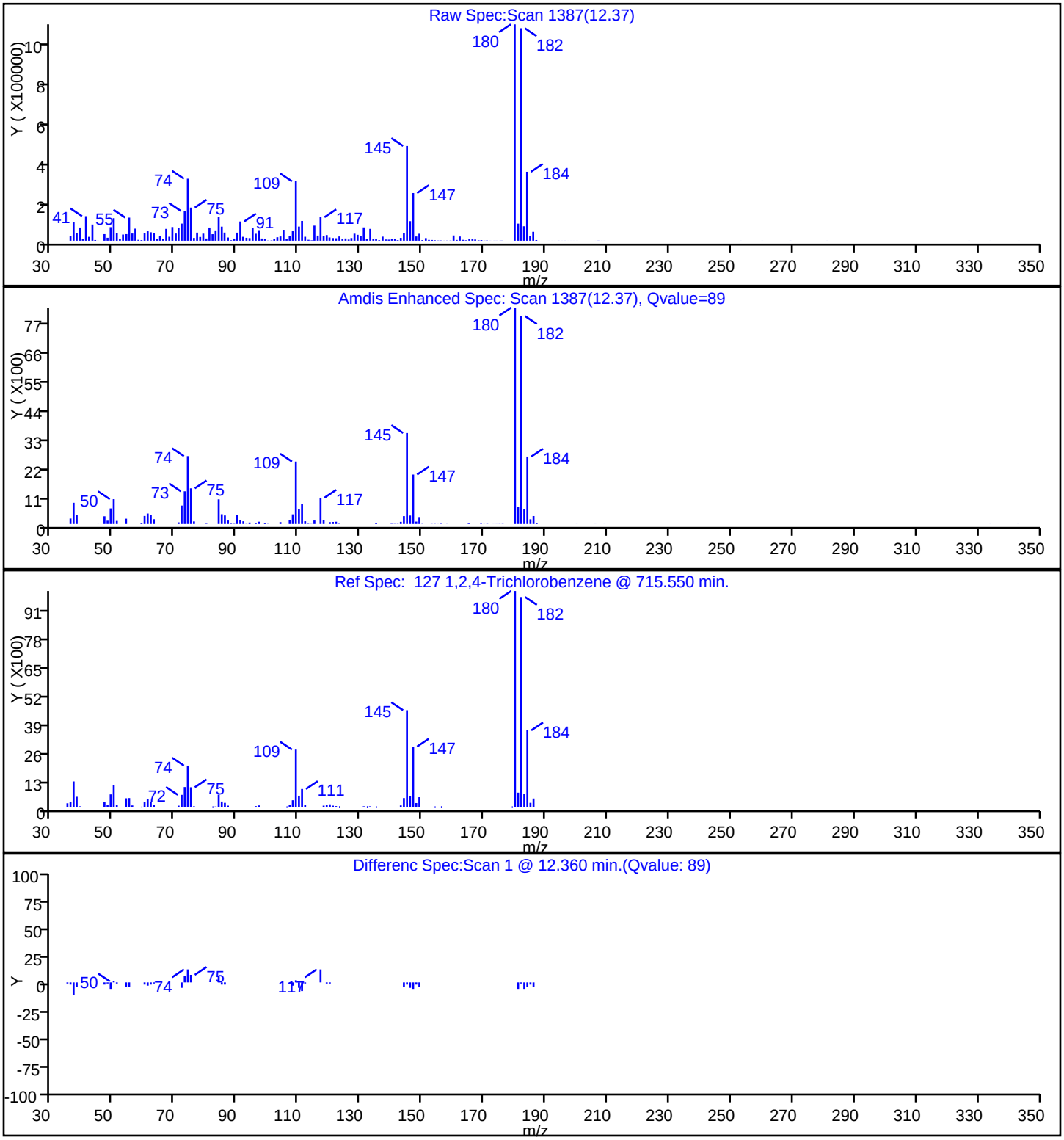
Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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



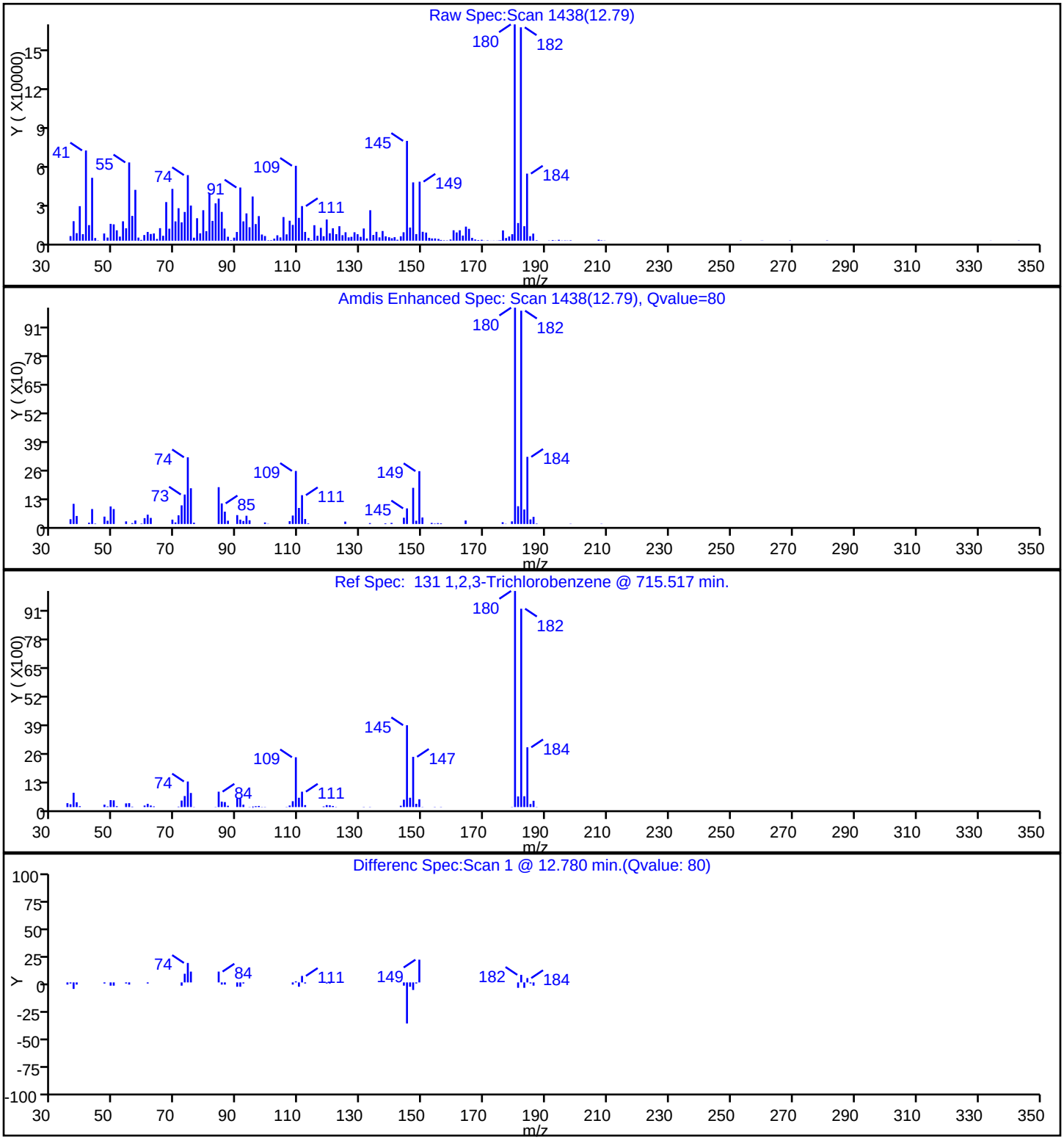
Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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



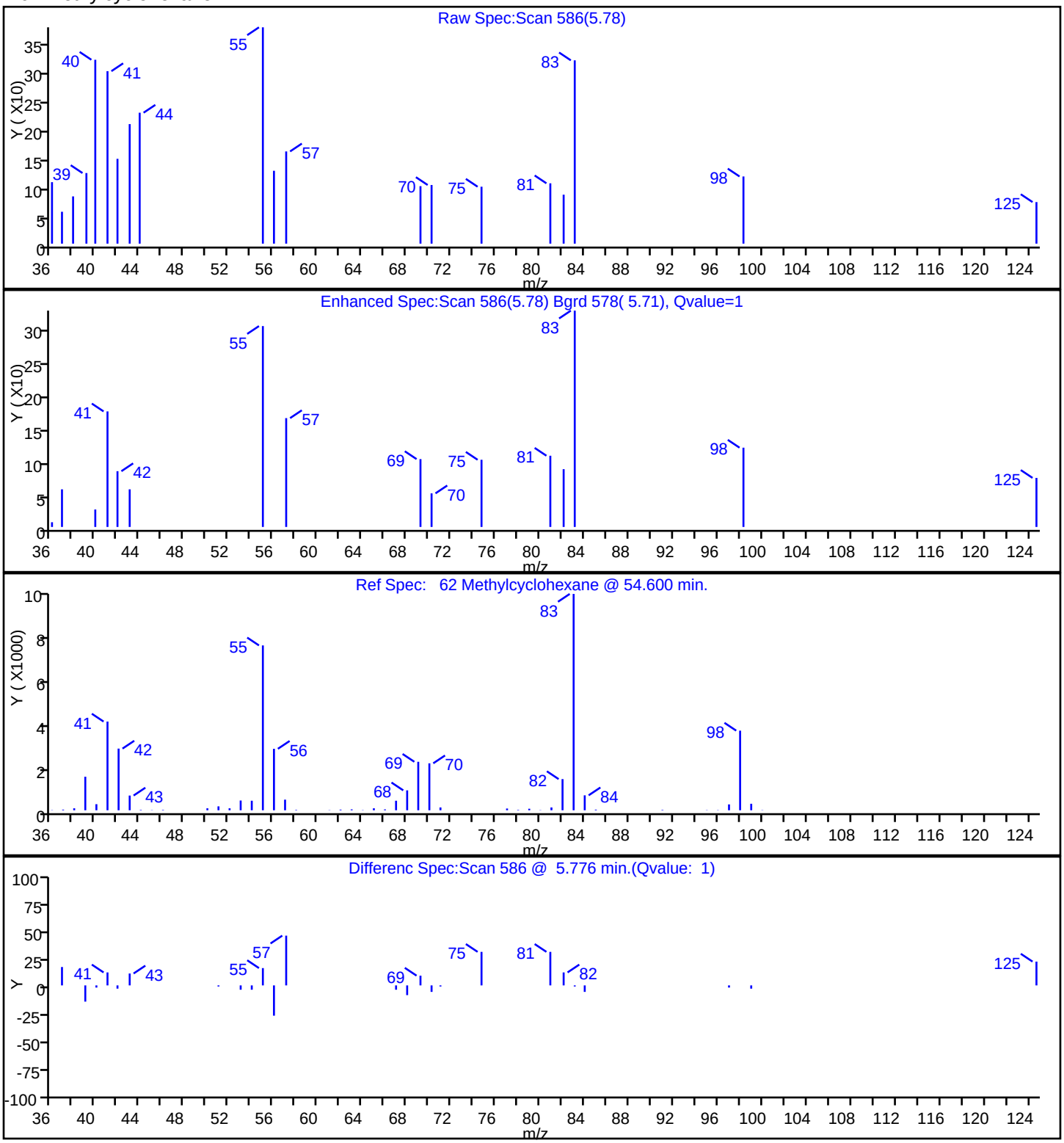
Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

62 Methylcyclohexane



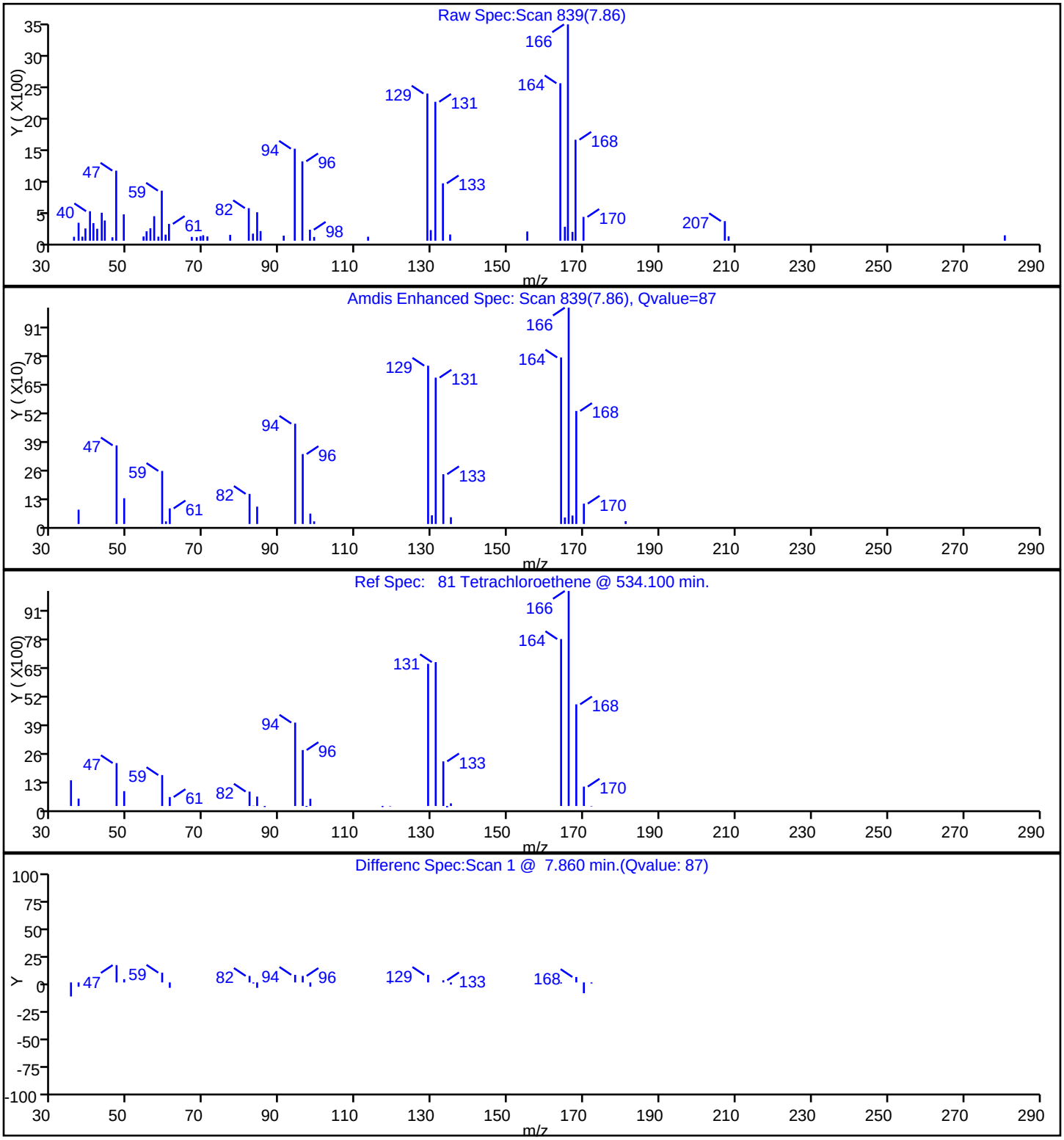
Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

81 Tetrachloroethene



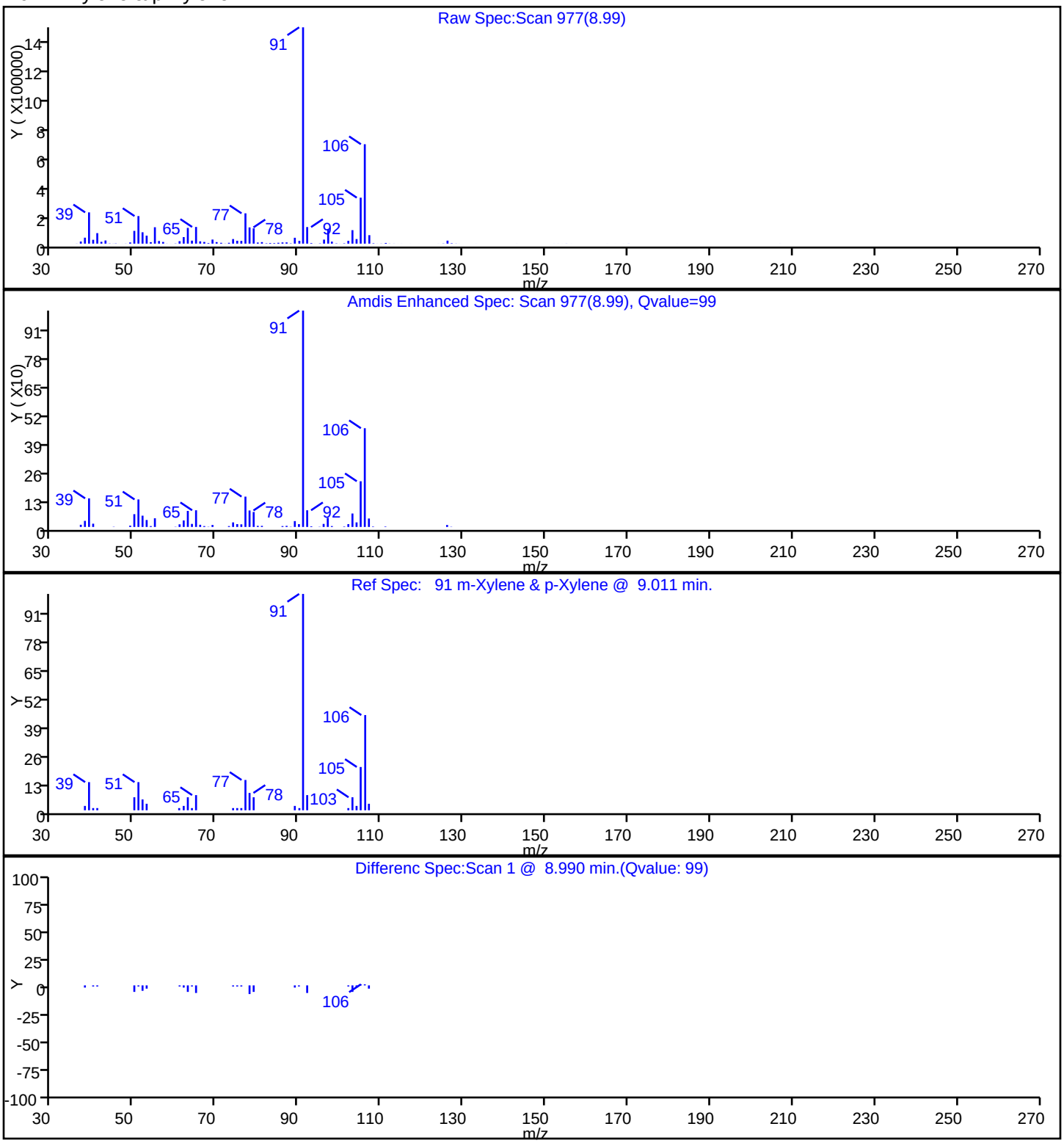
Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

91 m-Xylene & p-Xylene



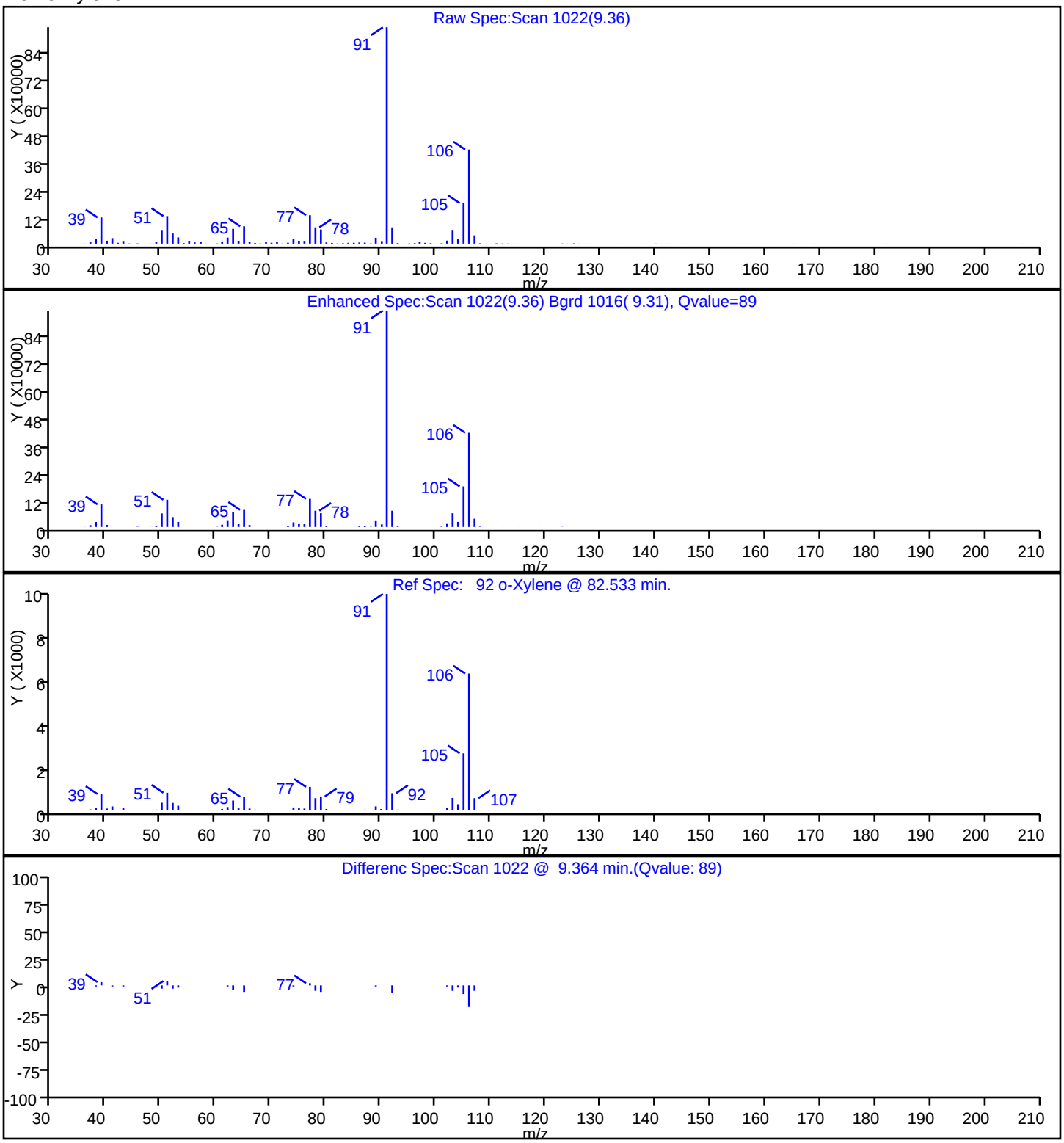
Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
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

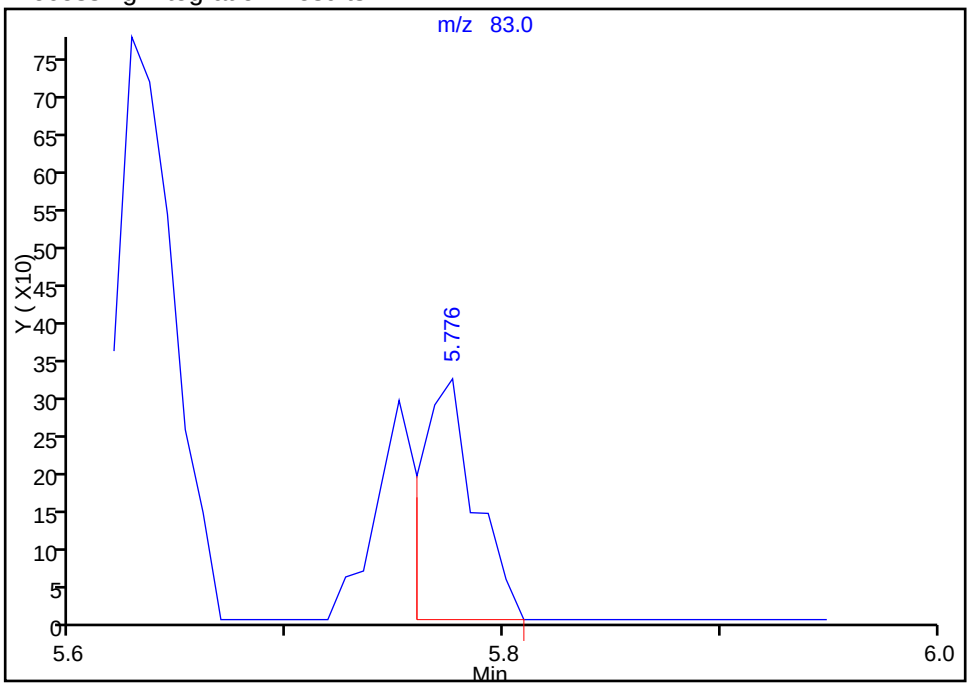
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D		
Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
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: 5.76

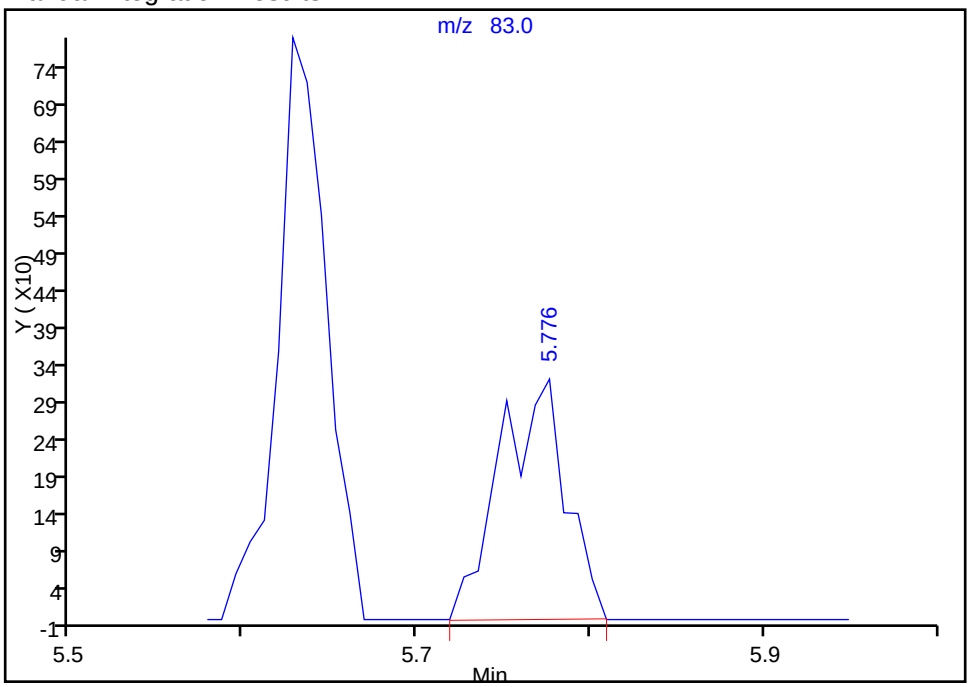
Processing Integration Results

RT: 5.78
Response: 563
Amount: 0.190166



Manual Integration Results

RT: 5.78
Response: 857
Amount: 0.289471



Reviewer: baronm, 20-Sep-2013 16:39:22
Audit Action: Manually Integrated
Audit Reason: Split Peak

Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date: 19-Sep-2013 06:58:30 Limit Group: VOA - 8260B Water and Solid

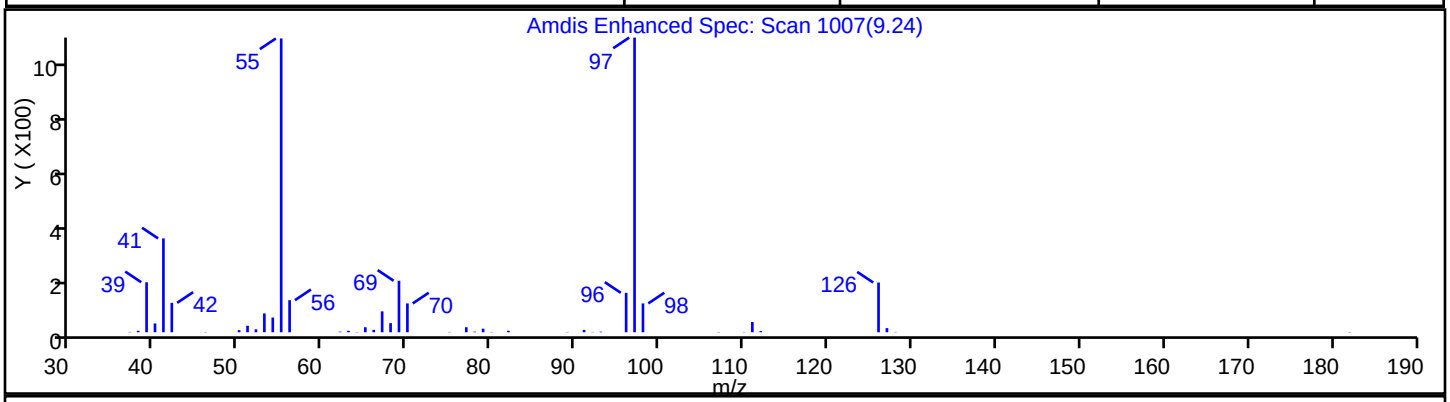
Client ID: PMP-24SE-WT Instrument ID: CVOAMS2

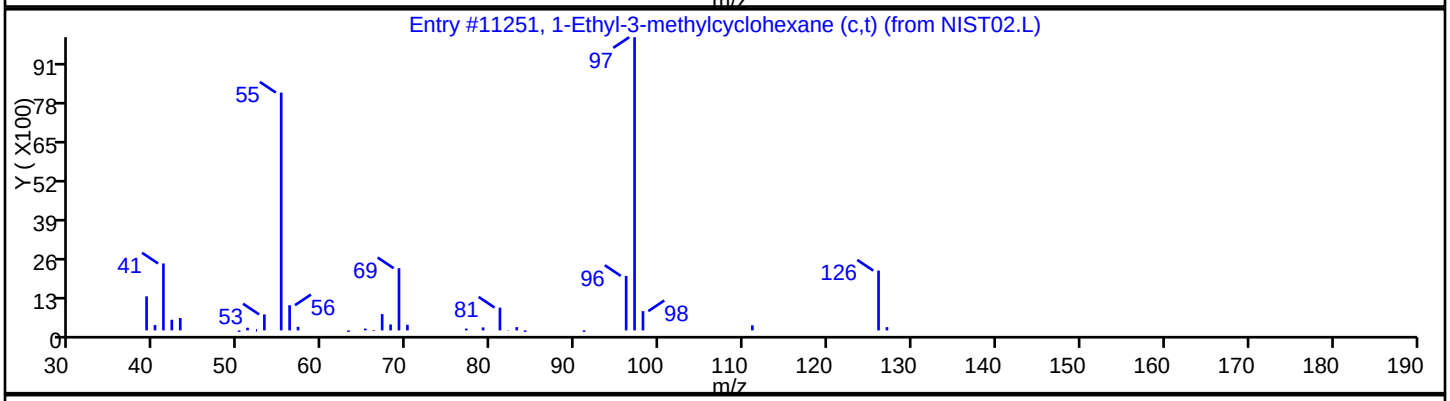
Lims Batch ID: 182063 Lims Sample ID: 24

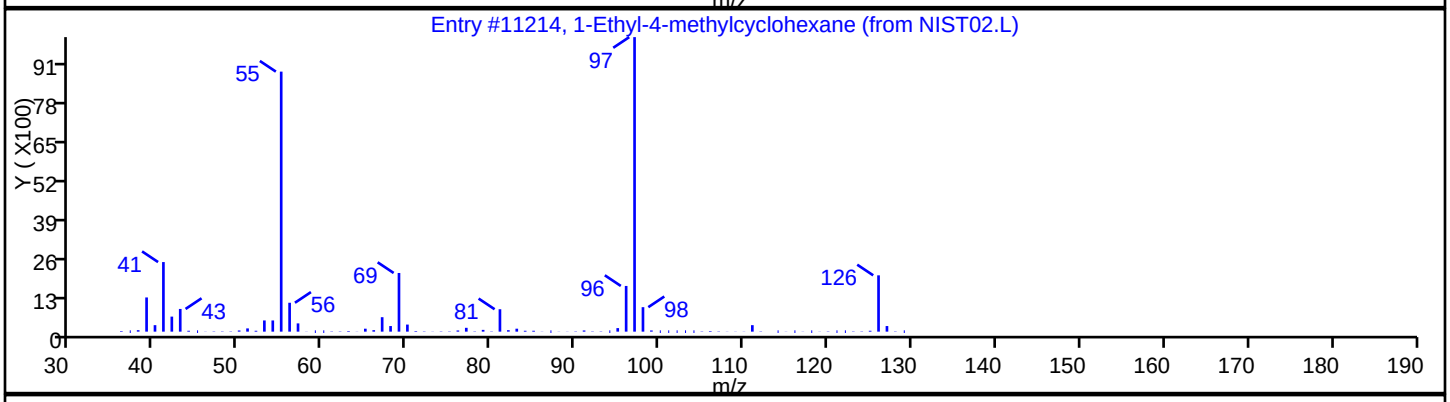
Operator ID: Purge Vol: 5.000 mL

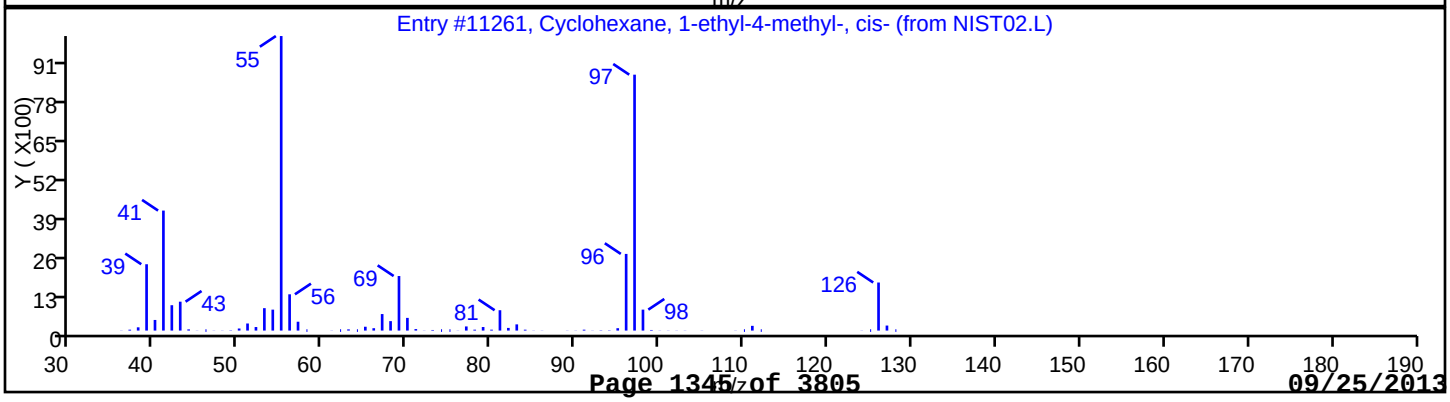
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1-Ethyl-3-methylcyclohexane (c,t)	3728-55-0	NIST02.L	11251	90
1-Ethyl-4-methylcyclohexane	3728-56-1	NIST02.L	11214	87
Cyclohexane, 1-ethyl-4-methyl-, cis-	4926-78-7	NIST02.L	11261	83









Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date: 19-Sep-2013 06:58:30 Limit Group: VOA - 8260B Water and Solid

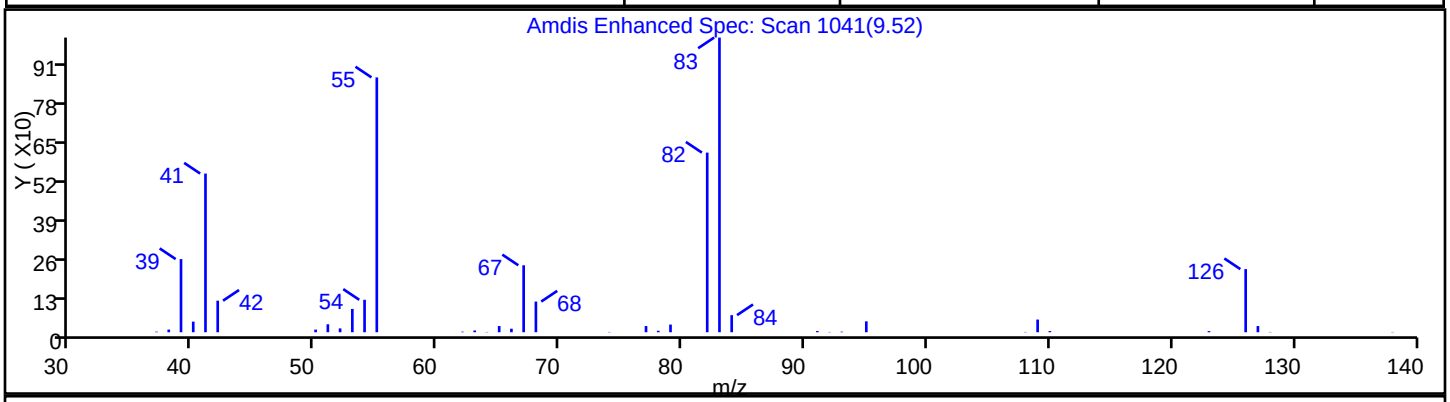
Client ID: PMP-24SE-WT Instrument ID: CVOAMS2

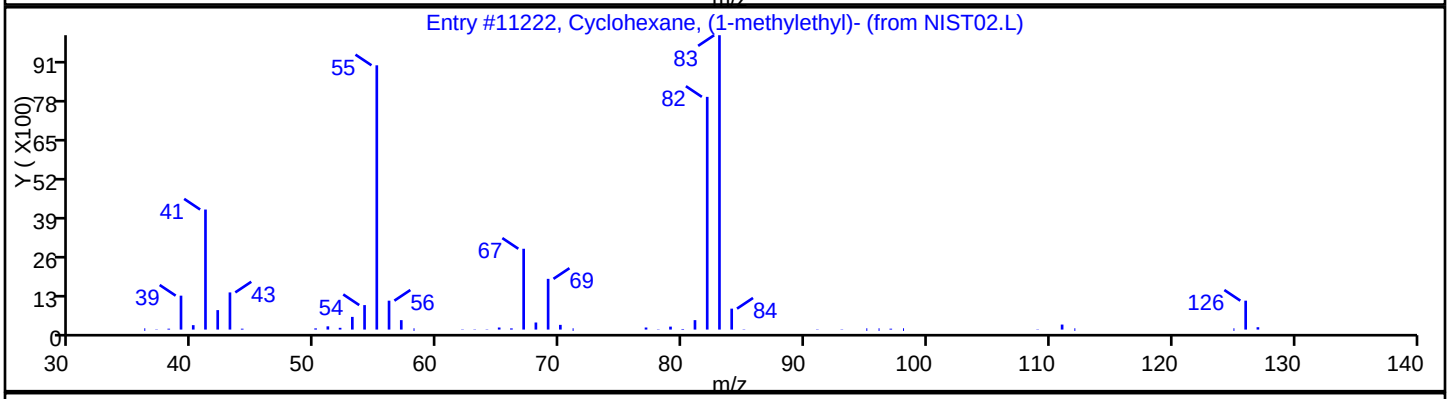
Lims Batch ID: 182063 Lims Sample ID: 24

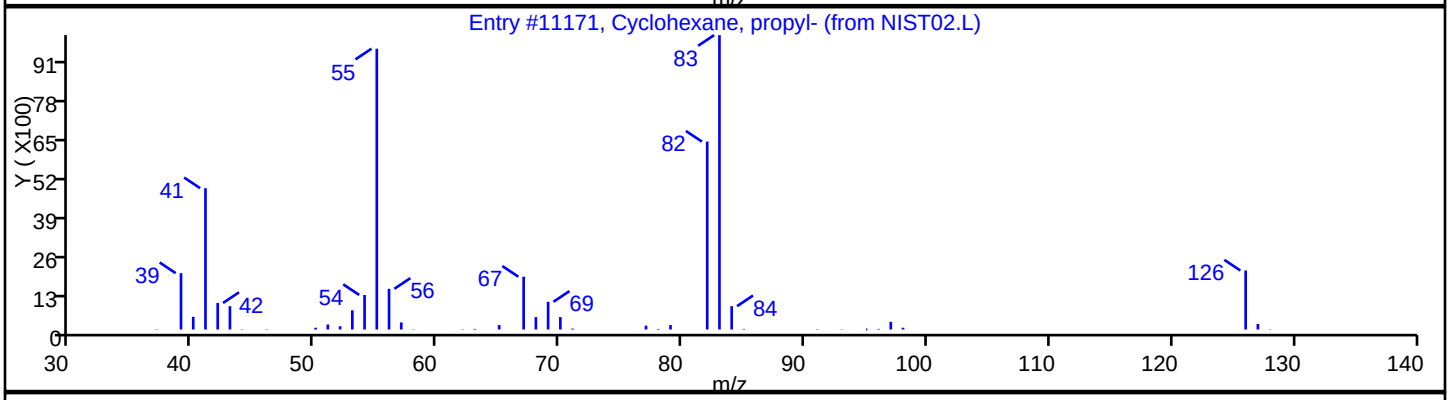
Operator ID: Purge Vol: 5.000 mL

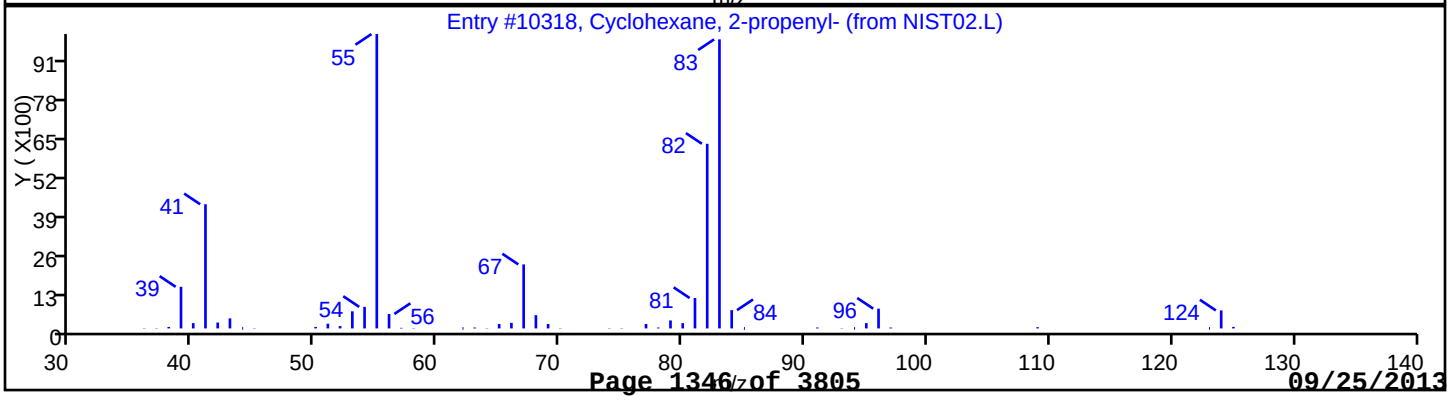
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Cyclohexane, (1-methylethyl)-	696-29-7	NIST02.L	11222	90
Cyclohexane, propyl-	1678-92-8	NIST02.L	11171	87
Cyclohexane, 2-propenyl-	2114-42-3	NIST02.L	10318	72









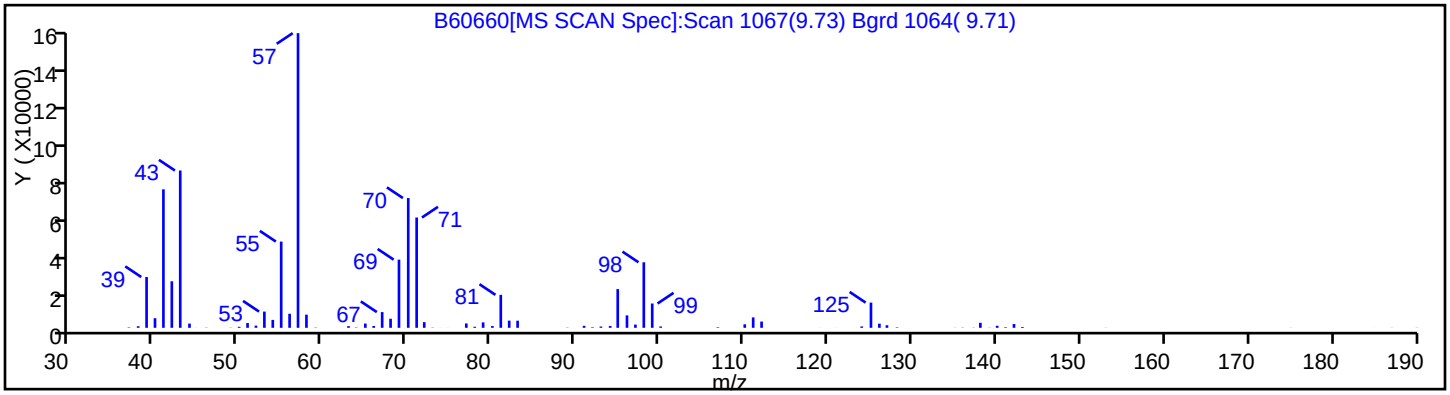
Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

No Library Matches Found above the Threshold: 80



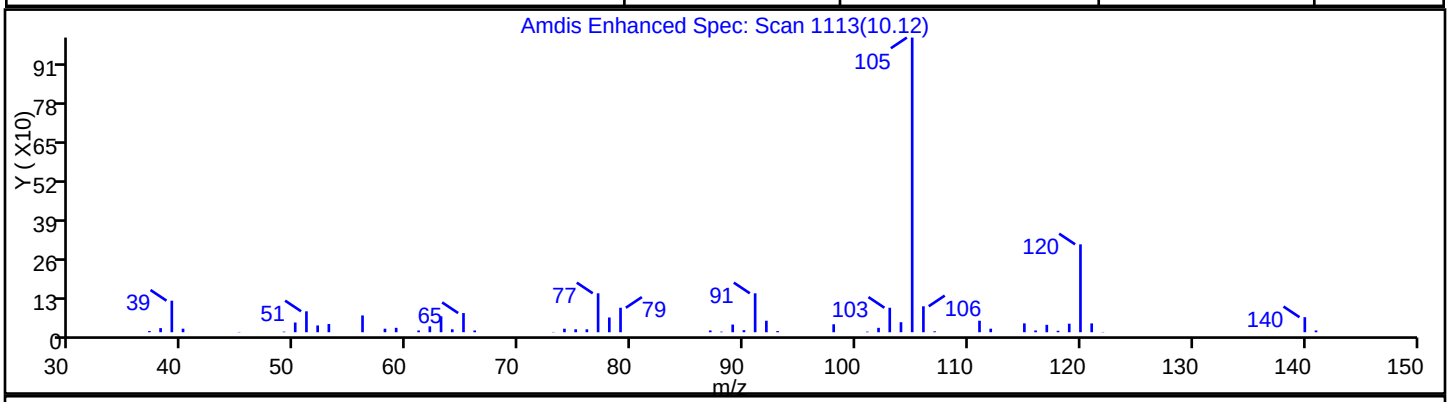
Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

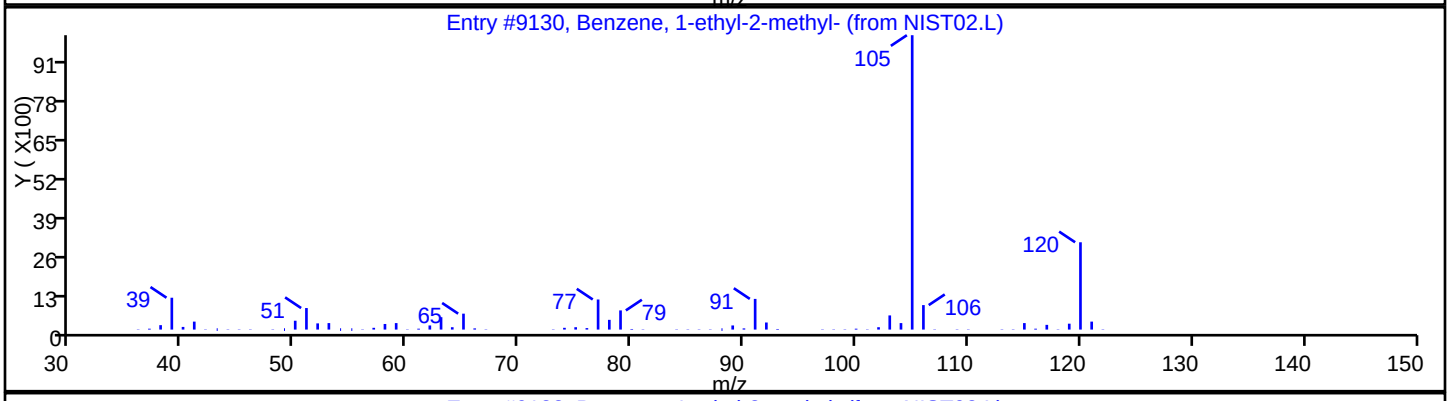
TestAmerica Edison

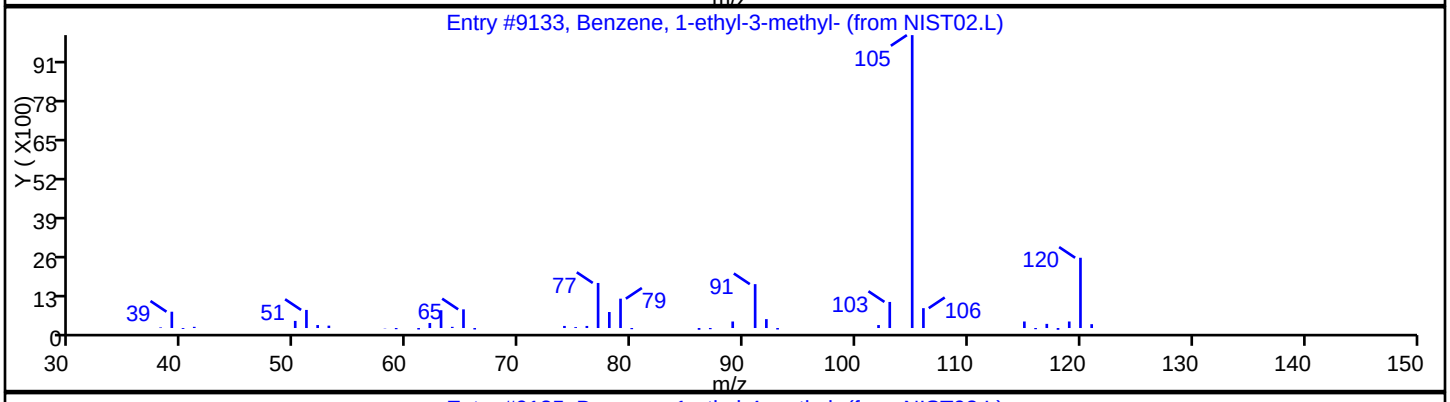
Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

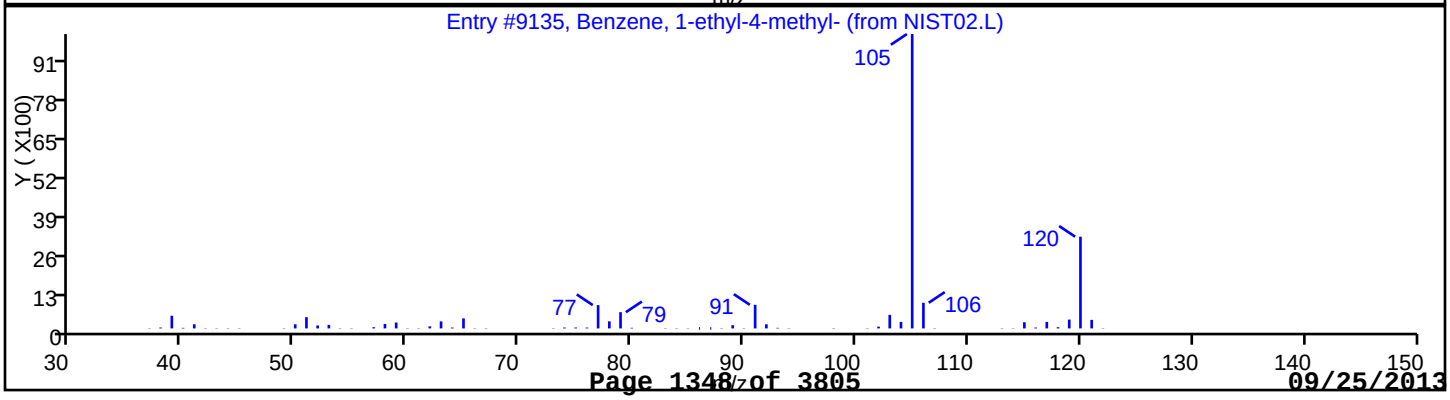
Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9130	94
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.L	9133	93
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.L	9135	87









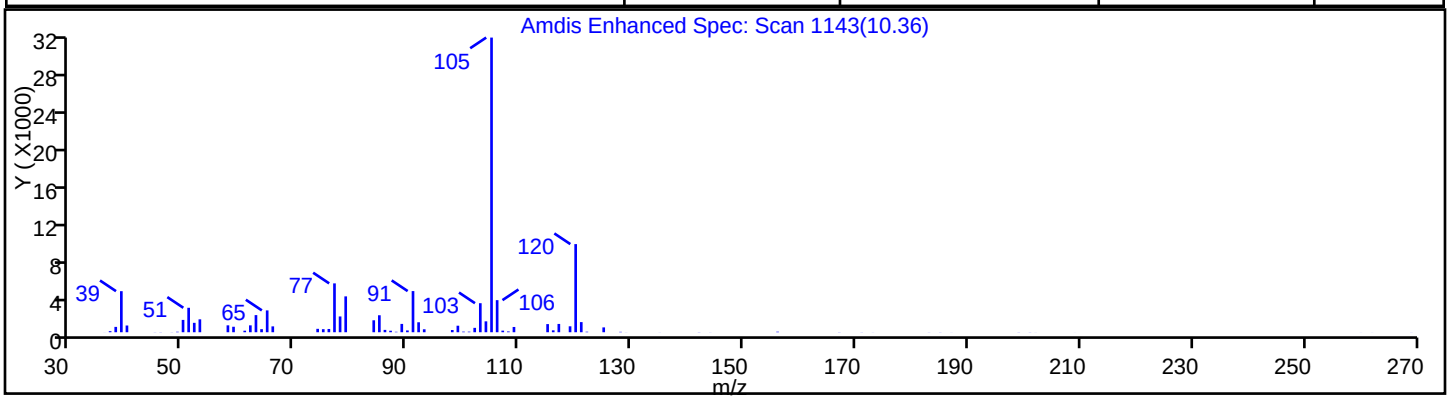
Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

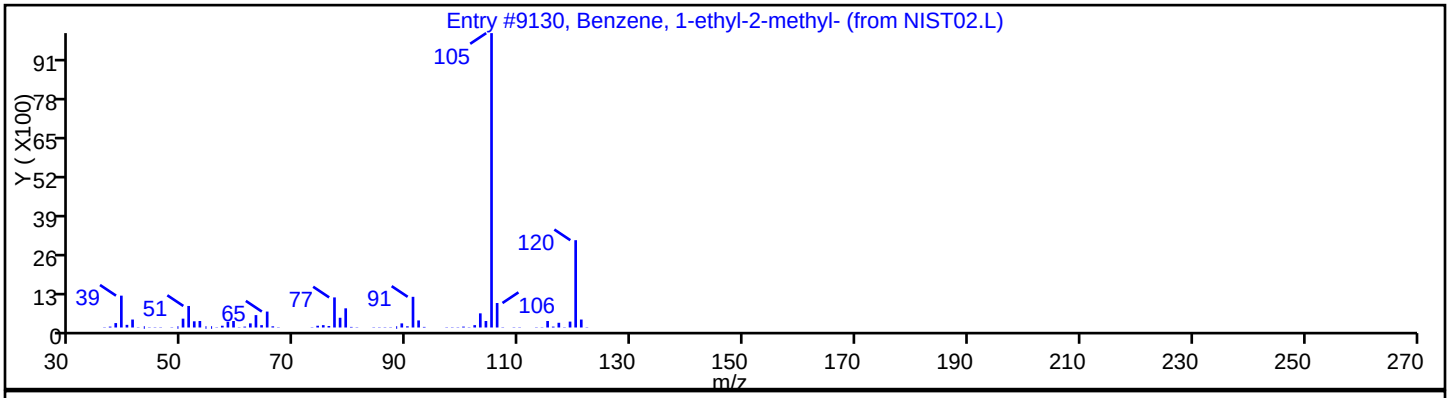
TestAmerica Edison

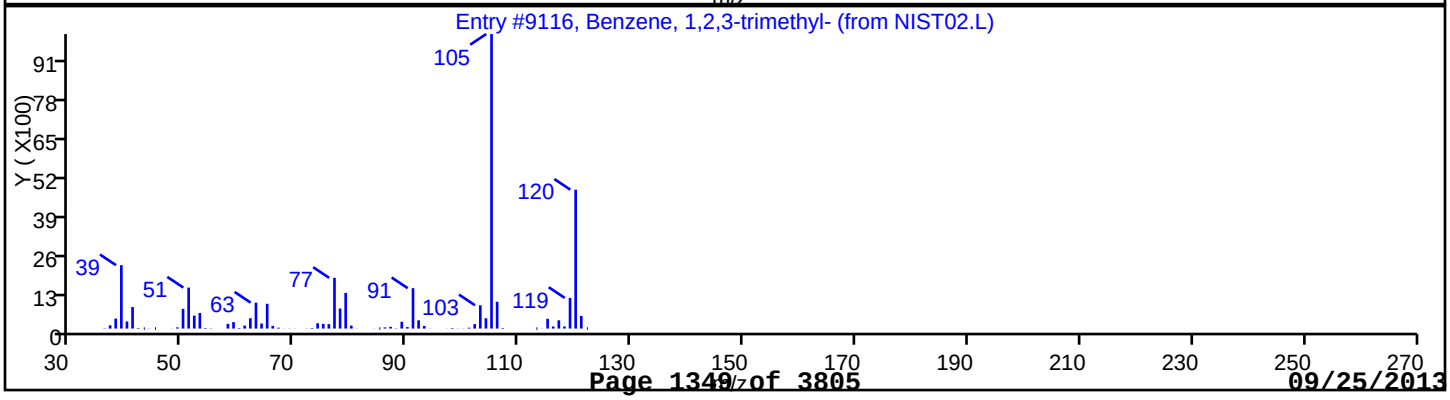
Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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 alkane		NIST02.L	0	0
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9130	93
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9116	93







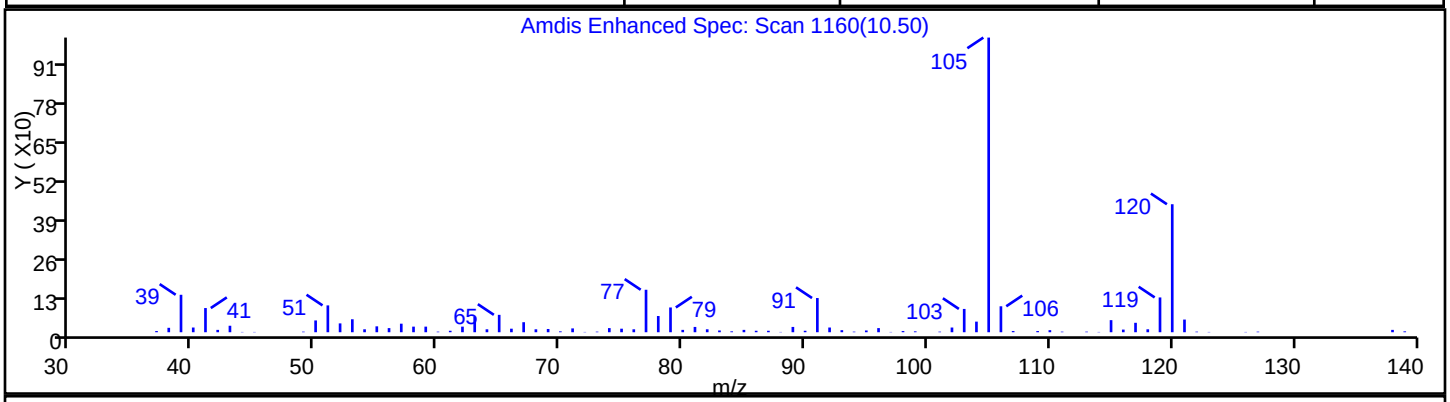
Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

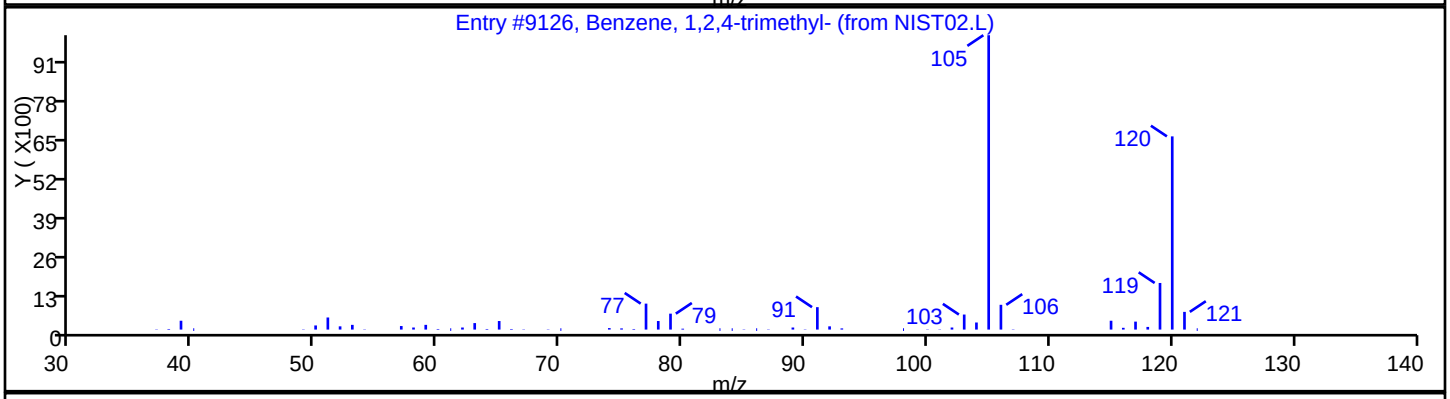
TestAmerica Edison

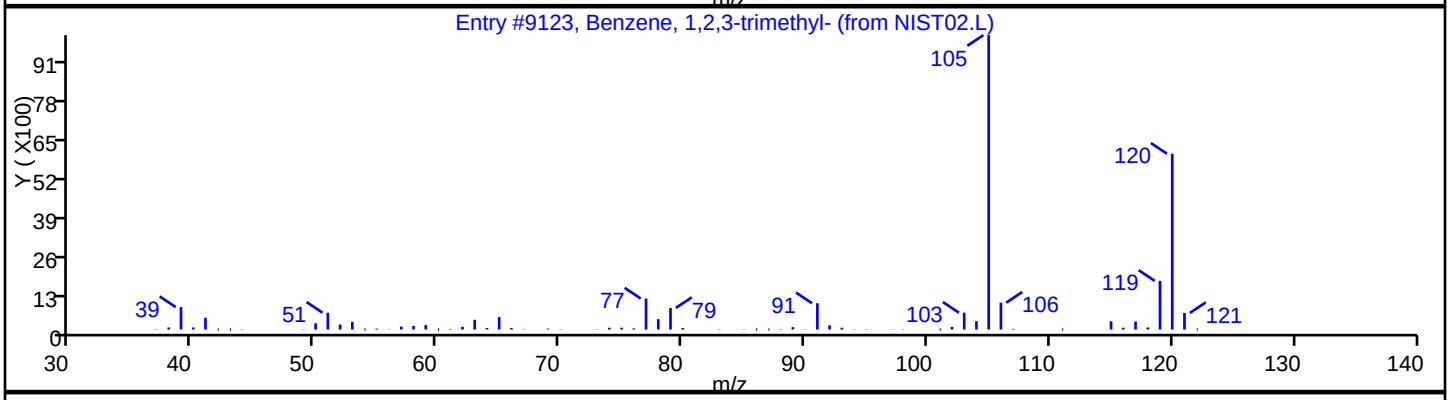
Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

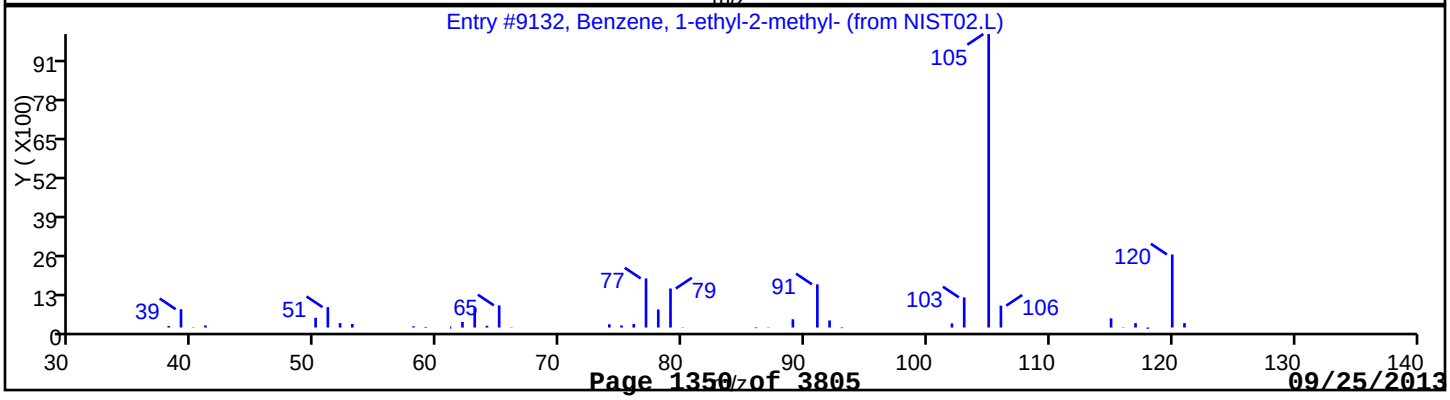
Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9126	94
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9123	95
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9132	95









Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

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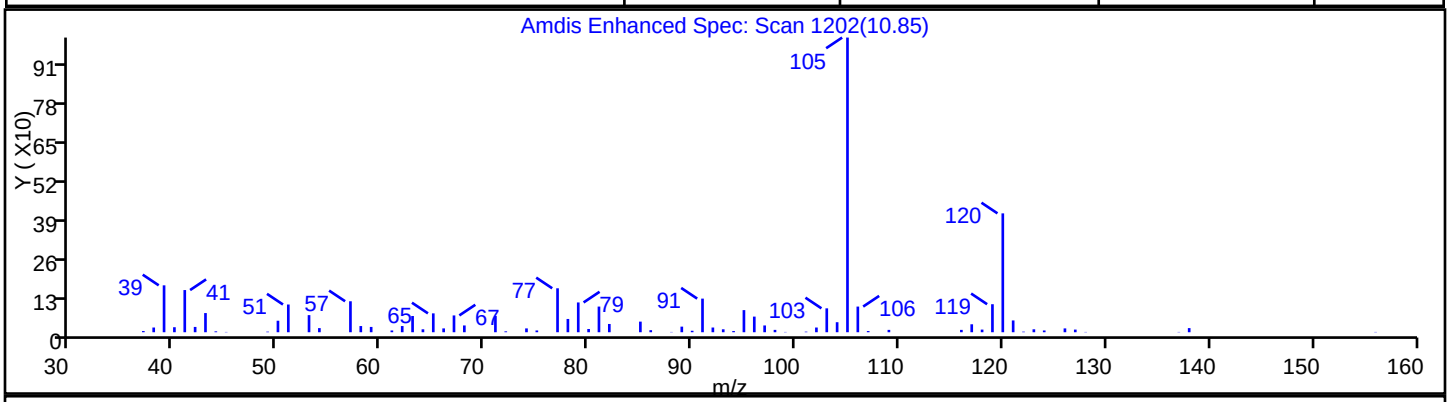
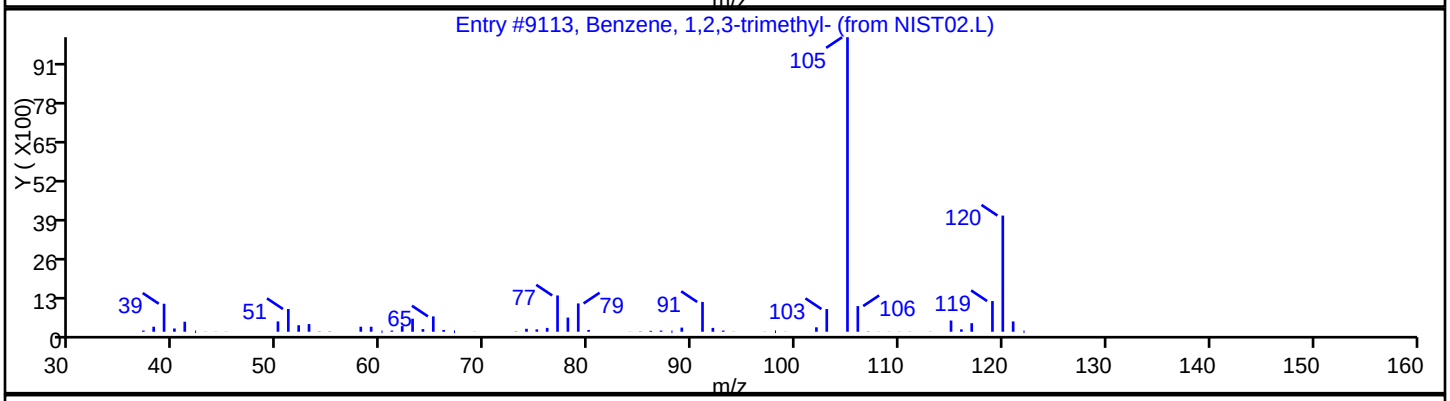
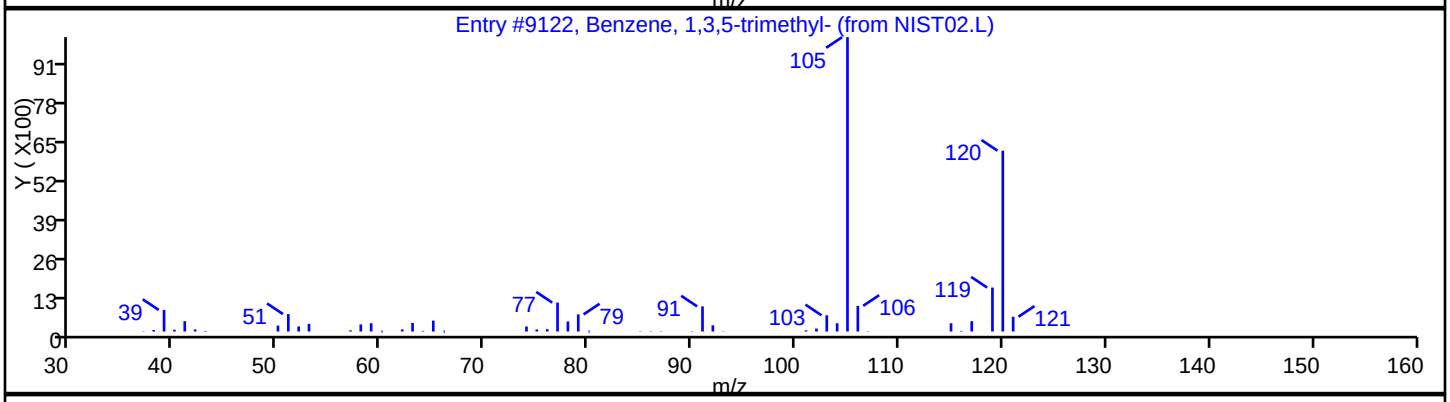
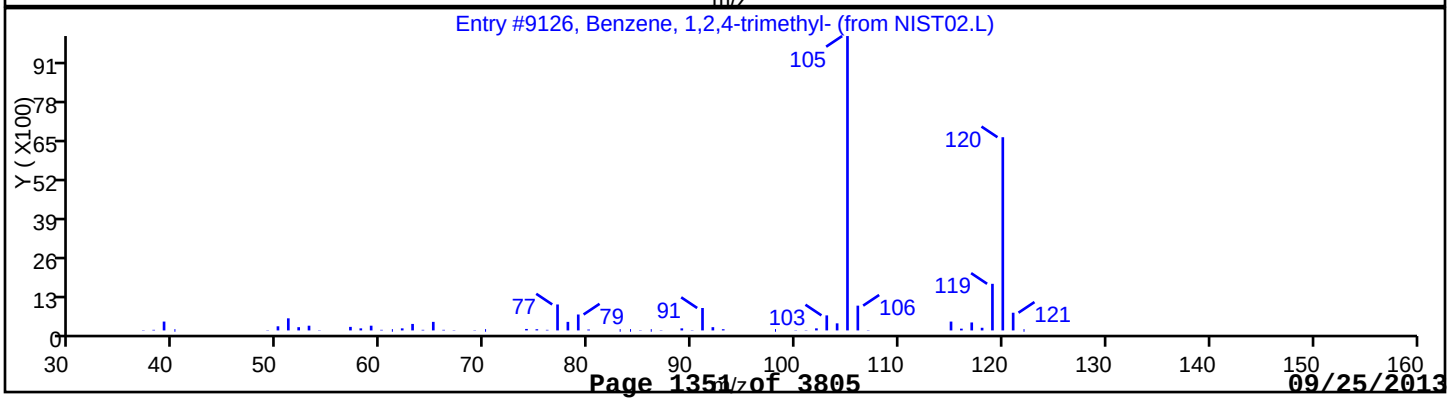
Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9113	94
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.L	9122	93
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9126	91









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TestAmerica Edison

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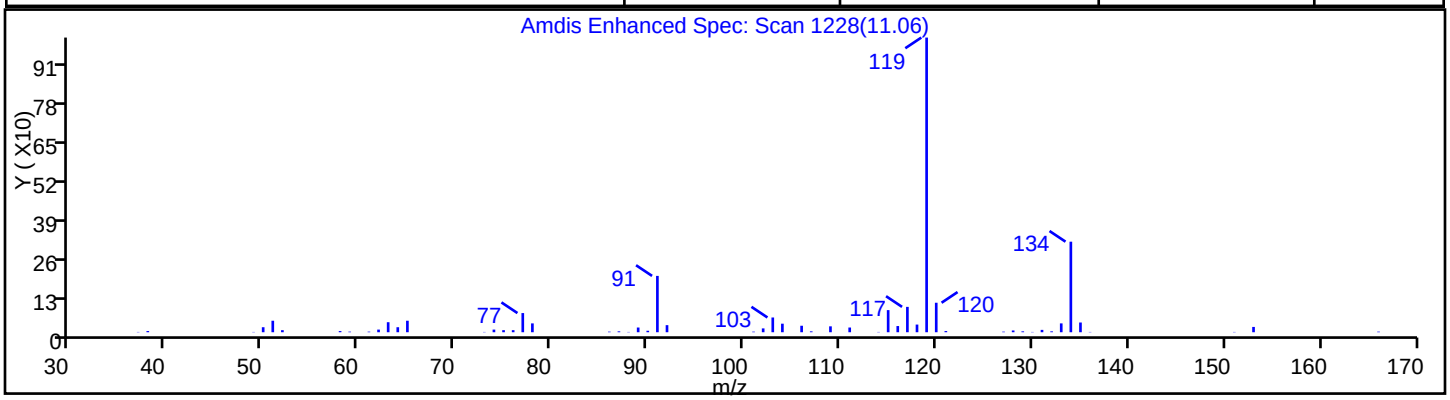
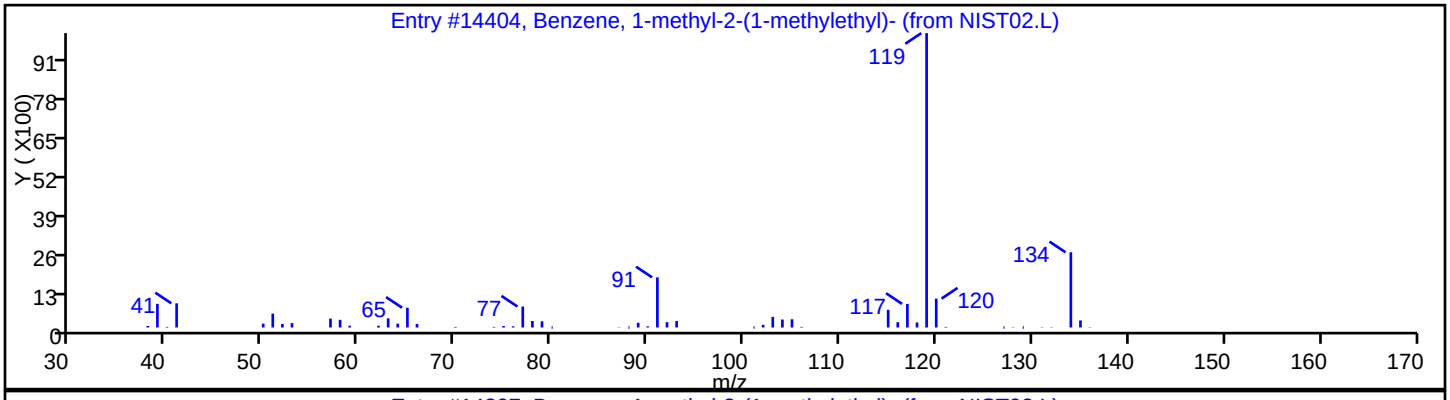
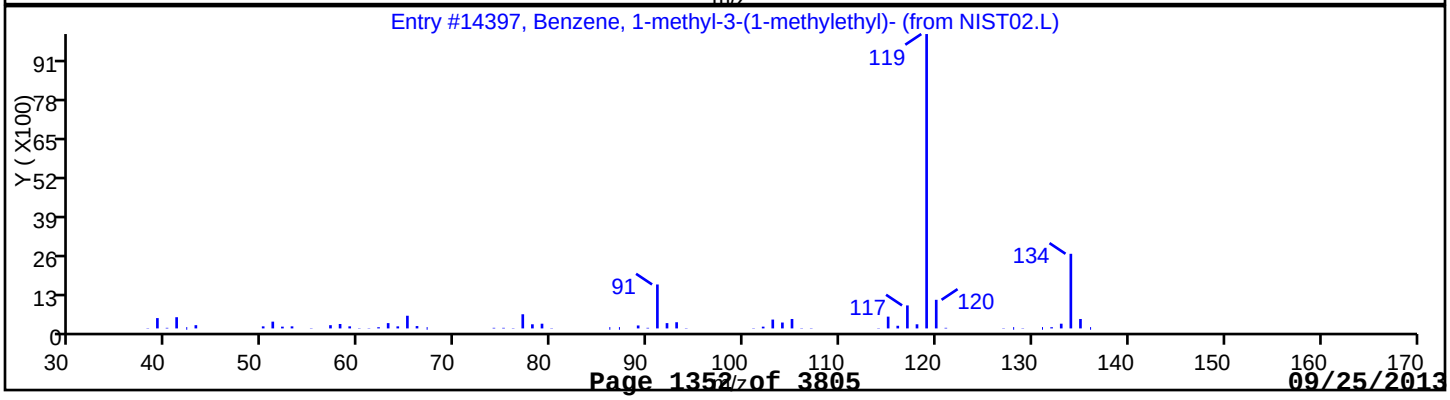
Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown		NIST02.L	0	0
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14404	97
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.L	14397	97





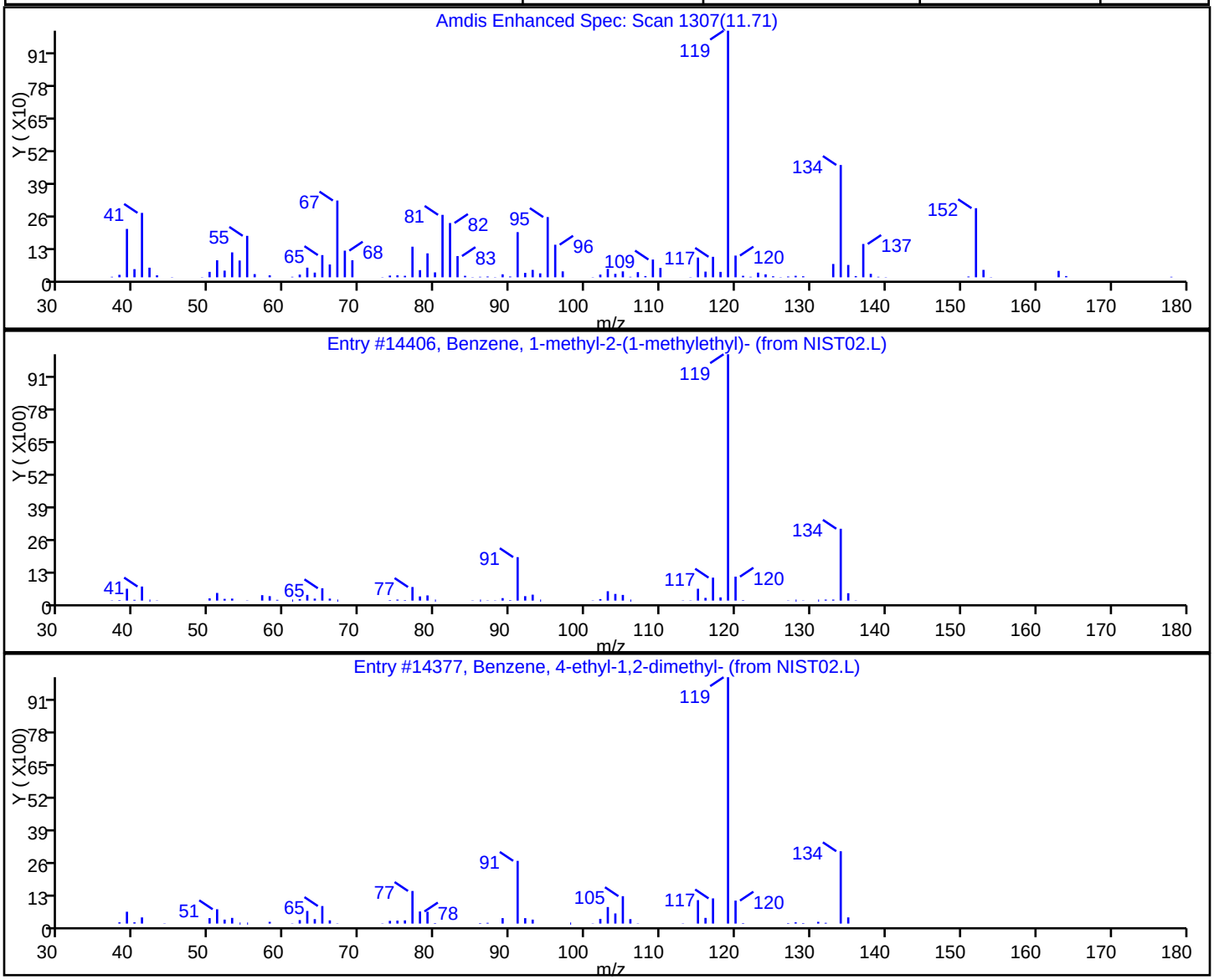


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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-2-(1-methylethyl)-	527-84-4	NIST02.L	14406	87
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14377	87



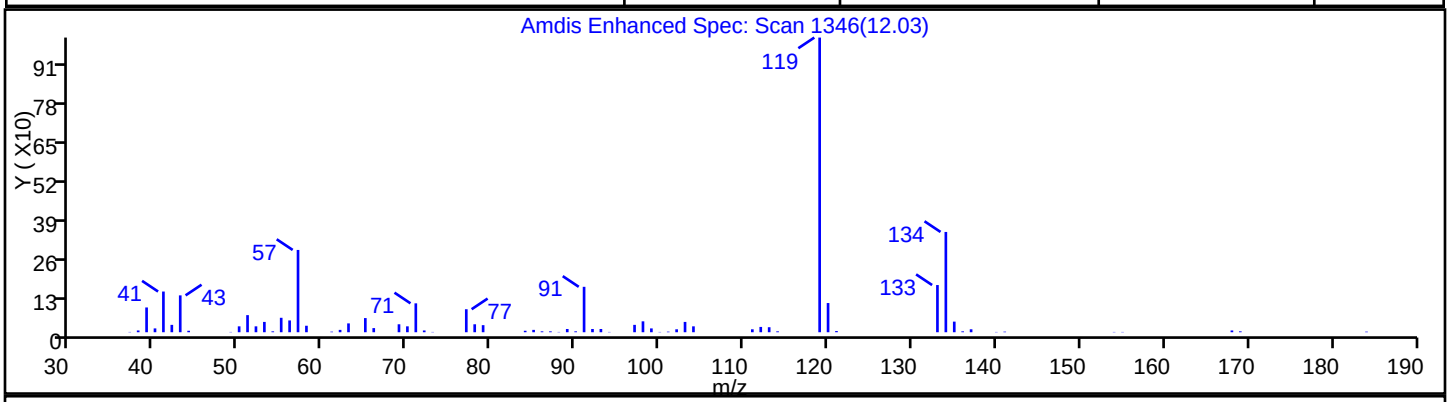
Report Date: 20-Sep-2013 16:49:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

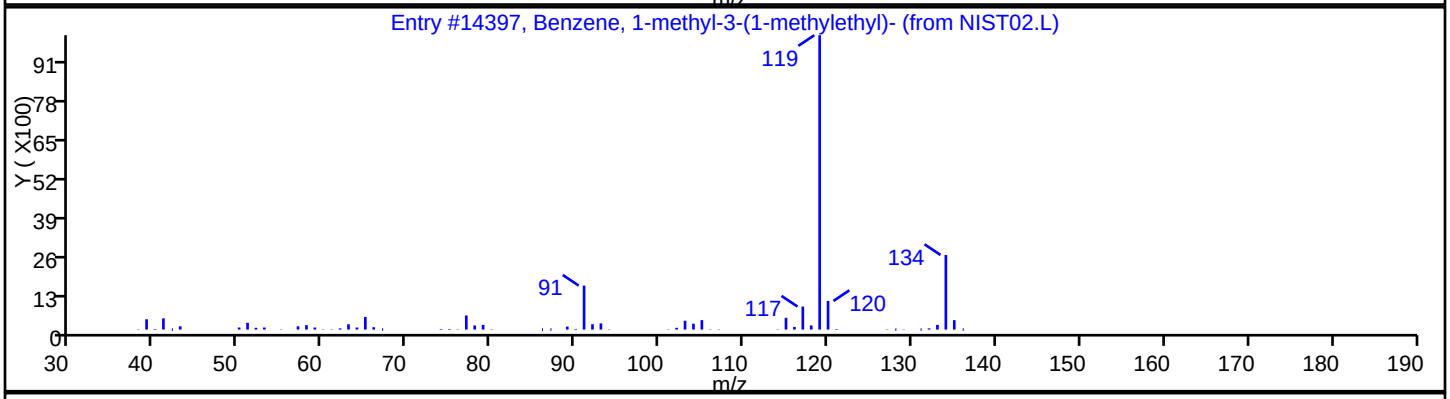
TestAmerica Edison

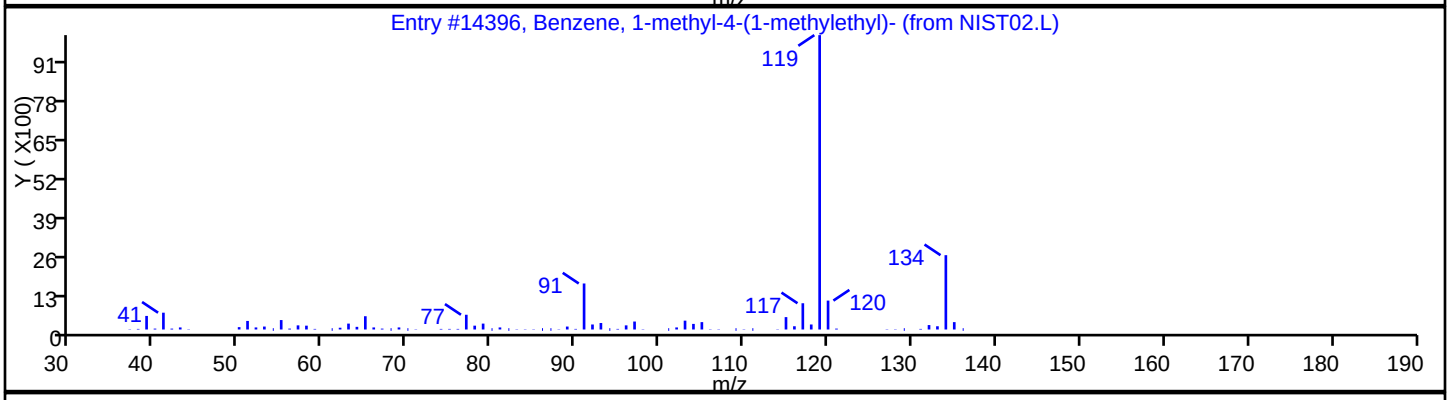
Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60660.D

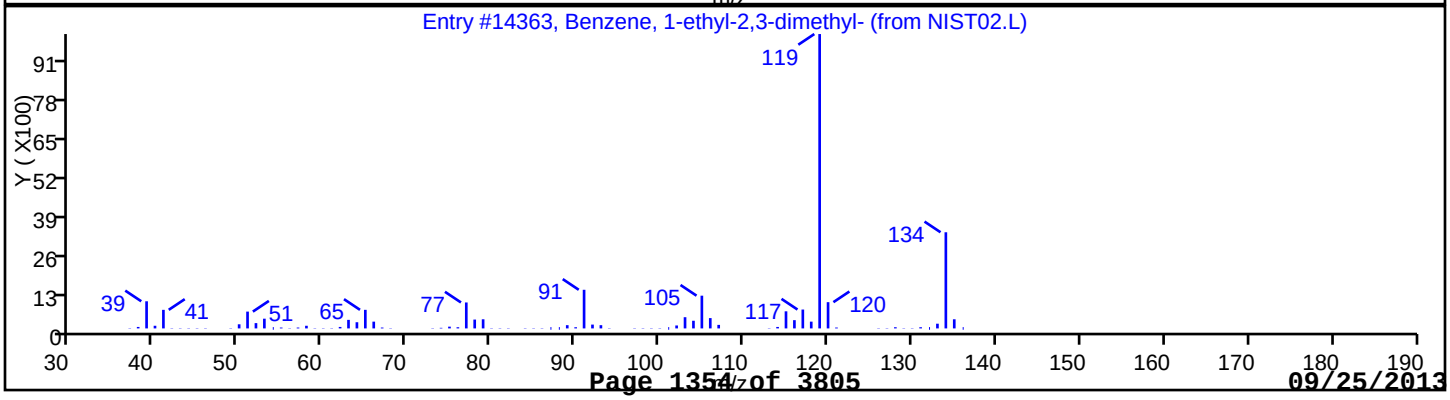
Injection Date:	19-Sep-2013 06:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	24
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.L	14397	83
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.L	14396	80
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.L	14363	80









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-SI | Lab Sample ID: 460-62968-30

Matrix: Solid | Lab File ID: B60655.D

Analysis Method: 8260B | Date Collected: 09/12/2013 15:20

Sample wt/vol: 6.048(g) | Date Analyzed: 09/19/2013 05:02

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.1 | Level: (low/med) Medium

Analysis Batch No.: 182063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	9.5	U	99	9.5
74-83-9	Bromomethane	18	U	99	18
75-01-4	Vinyl chloride	14	U	99	14
75-00-3	Chloroethane	17	U	99	17
75-09-2	Methylene Chloride	18	U	99	18
67-64-1	Acetone	260	U	490	260
75-15-0	Carbon disulfide	12	U	99	12
75-69-4	Trichlorofluoromethane	14	U	99	14
75-35-4	1,1-Dichloroethene	8.7	U	99	8.7
75-34-3	1,1-Dichloroethane	13	U	99	13
156-60-5	trans-1,2-Dichloroethene	13	U	99	13
156-59-2	cis-1,2-Dichloroethene	17	U	99	17
67-66-3	Chloroform	7.7	U	99	7.7
78-93-3	2-Butanone	230	U	490	230
107-06-2	1,2-Dichloroethane	19	U	99	19
71-55-6	1,1,1-Trichloroethane	6.1	U	99	6.1
56-23-5	Carbon tetrachloride	5.6	U	99	5.6
71-43-2	Benzene	8.1	U	99	8.1
75-25-2	Bromoform	19	U	99	19
100-42-5	Styrene	12	U	99	12
100-41-4	Ethylbenzene	9.4	U	99	9.4
108-90-7	Chlorobenzene	11	U	99	11
110-82-7	Cyclohexane	16	U	99	16
98-82-8	Isopropylbenzene	7.5	U	99	7.5
591-78-6	2-Hexanone	49	U	490	49
1634-04-4	MTBE	14	U	99	14
76-13-1	Freon TF	8.1	U	99	8.1
79-20-9	Methyl acetate	33	U	490	33
123-91-1	1,4-Dioxane	3500	U	4900	3500
79-01-6	Trichloroethene	32	J	99	9.1
108-88-3	Toluene	15	U	99	15
10061-02-6	trans-1,3-Dichloropropene	24	U	99	24
108-10-1	4-Methyl-2-pentanone	97	U	490	97
10061-01-5	cis-1,3-Dichloropropene	18	U	99	18
95-50-1	1,2-Dichlorobenzene	20	U	99	20
541-73-1	1,3-Dichlorobenzene	13	U	99	13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-SI | Lab Sample ID: 460-62968-30

Matrix: Solid | Lab File ID: B60655.D

Analysis Method: 8260B | Date Collected: 09/12/2013 15:20

Sample wt/vol: 6.048(g) | Date Analyzed: 09/19/2013 05:02

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.1 | Level: (low/med) Medium

Analysis Batch No.: 182063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	23	U	99	23
120-82-1	1,2,4-Trichlorobenzene	1500		99	34
87-61-6	1,2,3-Trichlorobenzene	50	U	99	50
78-87-5	1,2-Dichloropropane	8.5	U	99	8.5
108-87-2	Methylcyclohexane	13	U	99	13
127-18-4	Tetrachloroethene	37	J	99	9.6
1330-20-7	Xylenes, Total	340		300	35
96-12-8	1,2-Dibromo-3-Chloropropane	39	U	99	39
79-34-5	1,1,2,2-Tetrachloroethane	16	U	99	16
79-00-5	1,1,2-Trichloroethane	18	U	99	18
124-48-1	Dibromochloromethane	20	U	99	20
106-93-4	1,2-Dibromoethane	27	U	99	27
75-71-8	Dichlorodifluoromethane	21	U	99	21
74-97-5	Bromochloromethane	27	U	99	27
75-27-4	Bromodichloromethane	12	U	99	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-135
2037-26-5	Toluene-d8 (Surr)	79		59-150
460-00-4	Bromofluorobenzene	88		72-133
1868-53-7	Dibromofluoromethane (Surr)	85		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-SI Lab Sample ID: 460-62968-30

Matrix: Solid Lab File ID: B60655.D

Analysis Method: 8260B Date Collected: 09/12/2013 15:20

Sample wt/vol: 6.048(g) Date Analyzed: 09/19/2013 05:02

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.1 Level: (low/med) Medium

Analysis Batch No.: 182063 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 50700

CAS NO.	COMPOUND NAME	RT	RESULT	Q
2847-72-5	Decane, 4-methyl-	10.39	3400	J N
	Unknown	11.04	4600	J
1120-21-4	Undecane	11.10	4700	J N
4292-92-6	Cyclohexane, pentyl-	11.58	5700	J N
	Unknown Aromatic	11.70	4900	J
112-40-3	Dodecane	11.92	4900	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.03	6700	J N
	Unknown	12.12	5600	J
4912-92-9	1H-Indene, 2,3-dihydro-1,1-dimethyl-	12.33	3800	J N
	Unknown	12.40	6400	J

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60655.D		
Lims ID:	460-62968-A-30-A	Client ID:	PMP-24SE-SI
Inject. Date:	19-Sep-2013 05:02:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62968-A-30-A		
Misc. Info.:	460-0004786-019		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	18
Lims Batch ID:	182063	Lims Sample ID:	19
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\8260W_2.m		
Last Update:	20-Sep-2013 16:39:22	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:	19-Sep-2013 08:02:50

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	2.805	2.789	0.016	69	355179	1000.0	
$ 57 Dibromofluoromethane (Surr)	113	4.484	4.484	0.0	97	175465	42.3	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.879	4.879	0.0	90	276220	44.9	
* 58 Fluorobenzene	96	5.208	5.208	0.0	96	664333	50.0	
60 Trichloroethene	95	5.628	5.636	-0.008	71	1371	0.3211	
* 65 1,4-Dioxane-d8	96	6.064	6.073	-0.009	89	41221	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.200	7.200	0.0	97	551650	39.7	
81 Tetrachloroethene	166	7.858	7.858	0.0	77	1531	0.3749	
* 87 Chlorobenzene-d5	117	8.764	8.764	0.0	90	555899	50.0	
91 m-Xylene & p-Xylene	106	8.994	8.994	0.0	94	6061	0.9400	
92 o-Xylene	106	9.356	9.356	0.0	89	15927	2.51	
$ 97 4-Bromofluorobenzene	174	9.858	9.850	0.008	92	241632	44.2	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	95	330442	50.0	
127 1,2,4-Trichlorobenzene	180	12.368	12.360	0.008	84	73730	15.0	
S 134 Xylenes, Total	100				0		3.45	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60655.D		
Lims ID:	460-62968-A-30-A	Client ID:	PMP-24SE-SI
Inject. Date:	19-Sep-2013 05:02:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62968-A-30-A		
Misc. Info.:	460-0004786-019		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	18
Lims Batch ID:	182063	Lims Sample ID:	19
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\8260W_2.m		
Last Update:	20-Sep-2013 16:39:22	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:	19-Sep-2013 08:02:50

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	2847-72-5	Decane, 4-methyl-				
10.385	1404072	34.9	115	90	27123	
		Unknown				
11.043	1883489	46.8	115	0	0	
	1120-21-4	Undecane				
11.101	1899864	47.2	115	93	27120	
	4292-92-6	Cyclohexane, pentyl-				
11.578	2336757	58.1	115	90	25840	
		Unknown Aromatic				
11.702	1996153	49.6	115	0	0	
	112-40-3	Dodecane				
11.916	1989077	49.5	115	93	36159	
	95-93-2	Benzene, 1,2,4,5-tetramethyl-				
12.031	2721030	67.7	115	81	14361	
		Unknown				
12.121	2297100	57.1	115	0	0	
	4912-92-9	1H-Indene, 2,3-dihydro-1,1-dimethyl-				
12.327	1545013	38.4	115	90	20747	
		Unknown				
12.401	2602721	64.7	115	0	0	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 115 1,4-Dichlorobenzene-d4	10.813	2010489	50.0

QC Flag Legend

Processing Flags

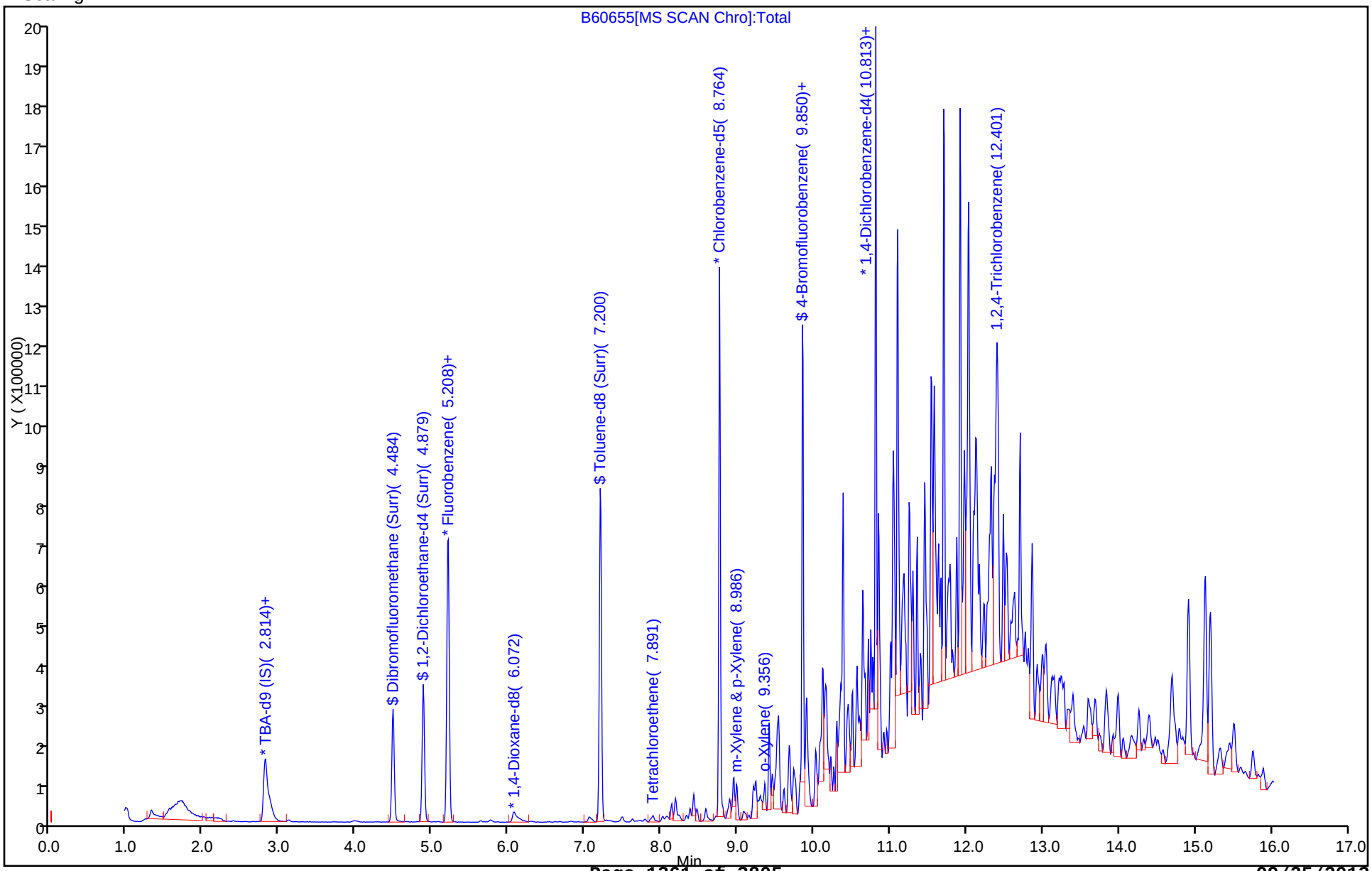
Report Date: 20-Sep-2013 16:44:16 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60655.D

Injection Date:	19-Sep-2013 05:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



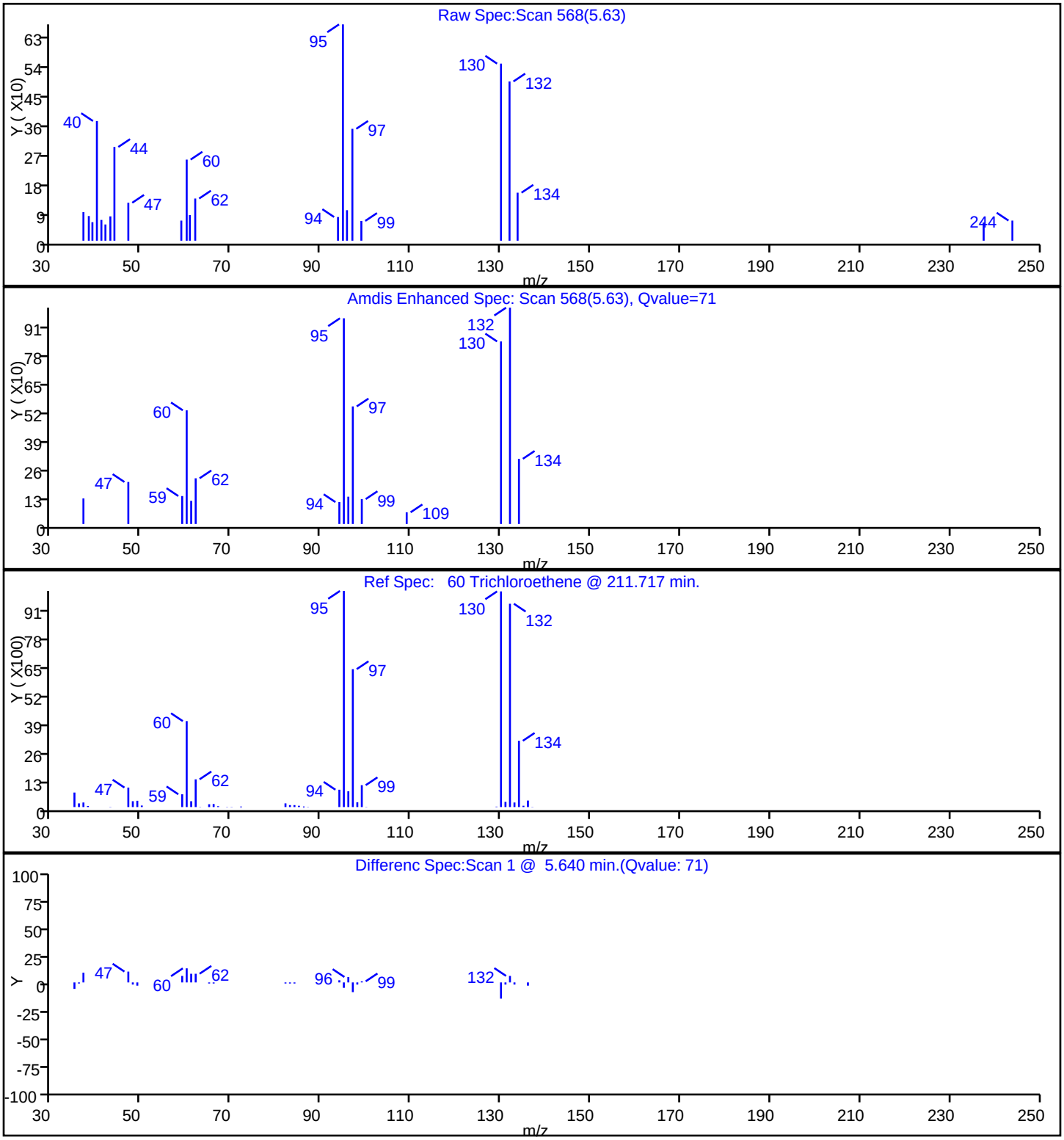
Report Date: 20-Sep-2013 16:44:16 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60655.D

Injection Date:	19-Sep-2013 05:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

60 Trichloroethene



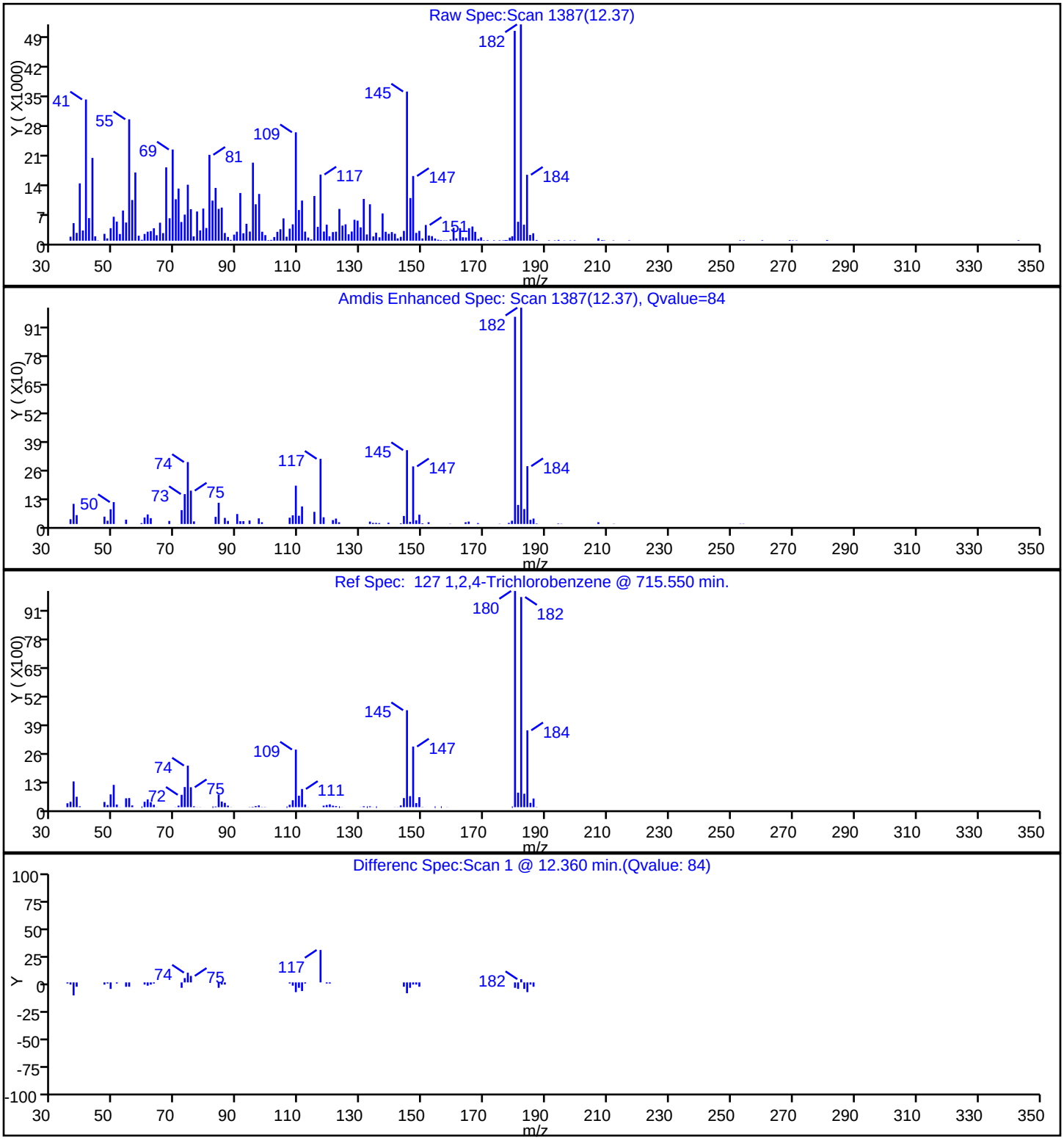
Report Date: 20-Sep-2013 16:44:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60655.D

Injection Date:	19-Sep-2013 05:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

127 1,2,4-Trichlorobenzene



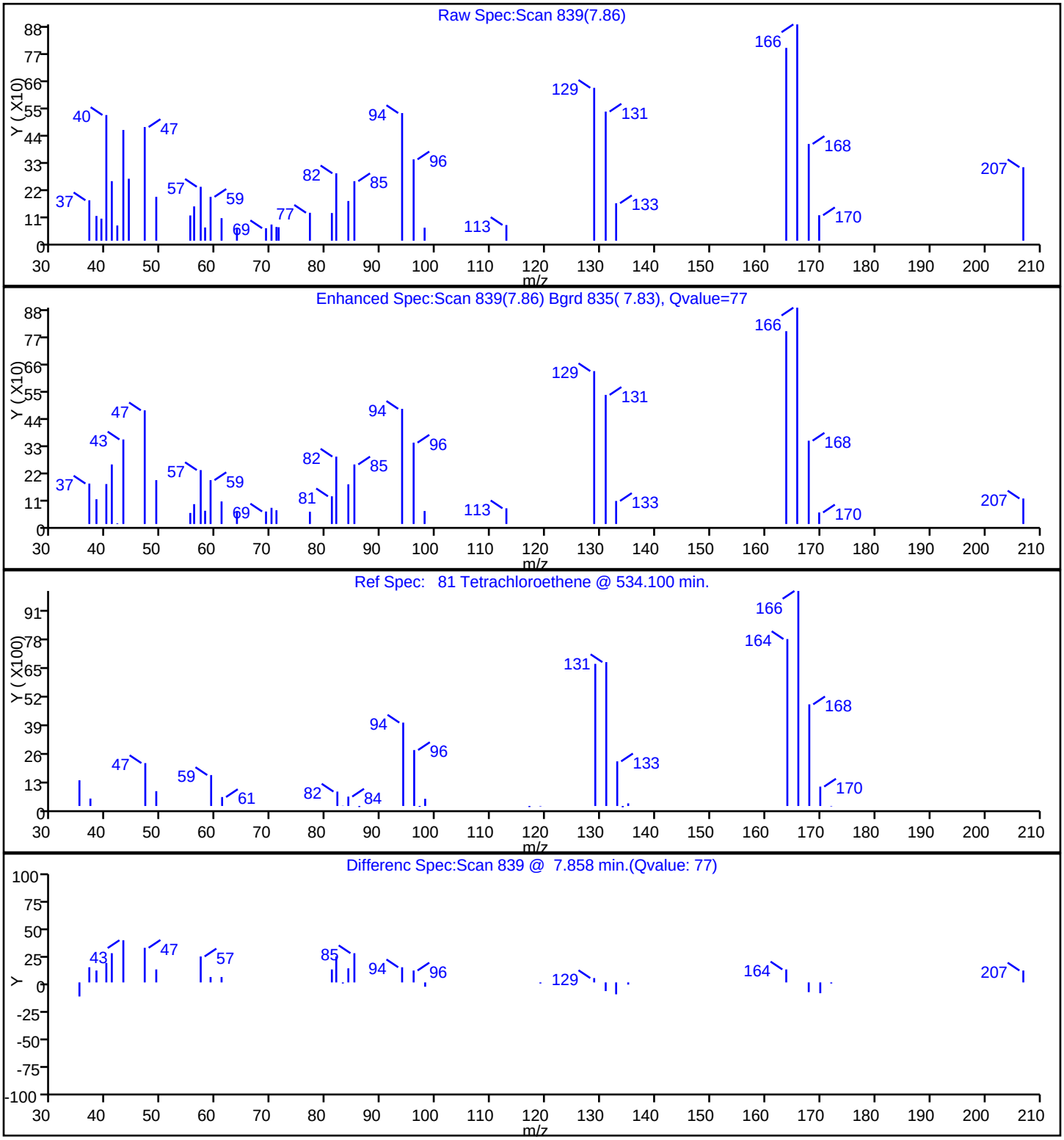
Report Date: 20-Sep-2013 16:44:16 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60655.D

Injection Date:	19-Sep-2013 05:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

81 Tetrachloroethene



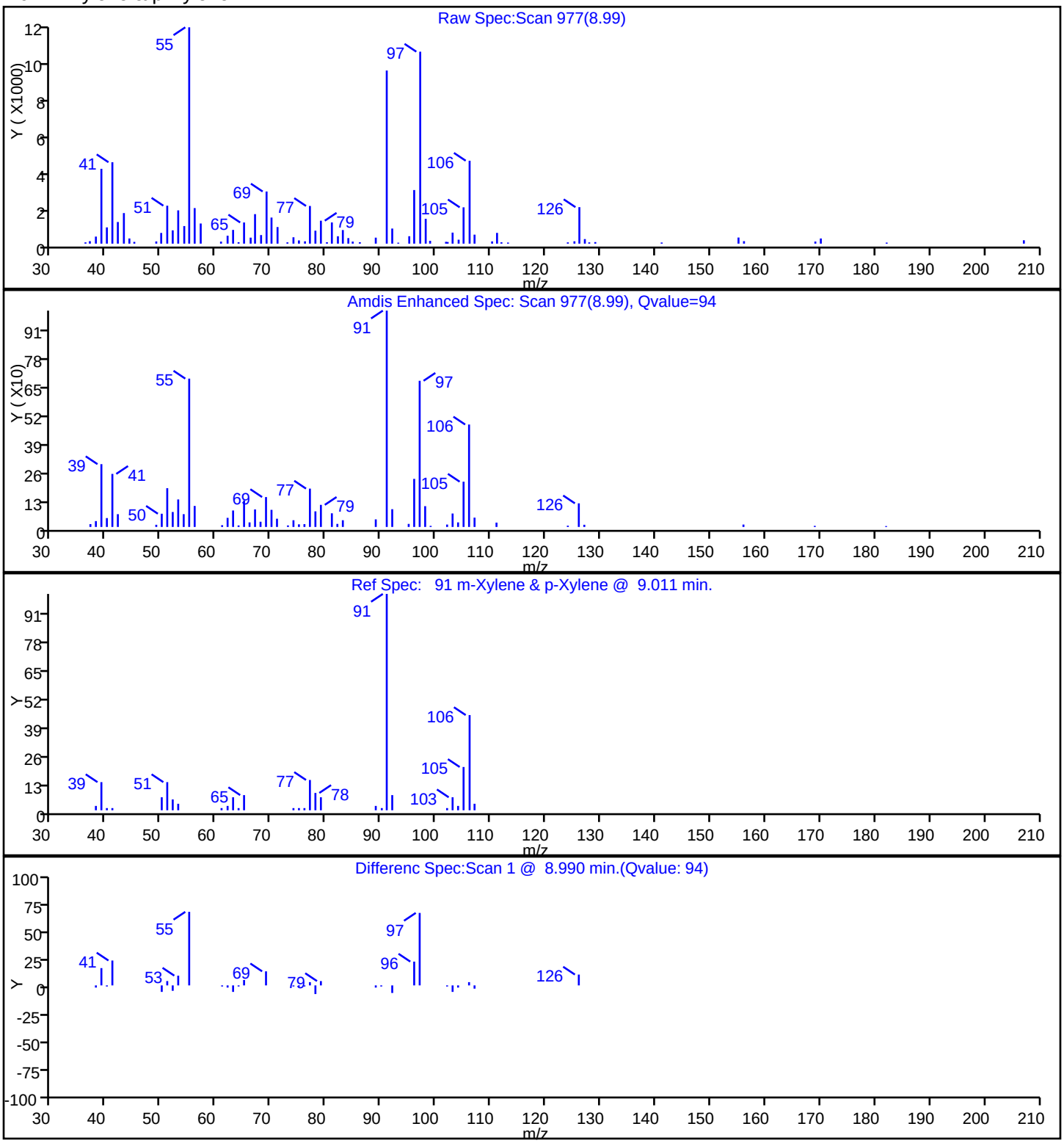
Report Date: 20-Sep-2013 16:44:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60655.D

Injection Date:	19-Sep-2013 05:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

91 m-Xylene & p-Xylene



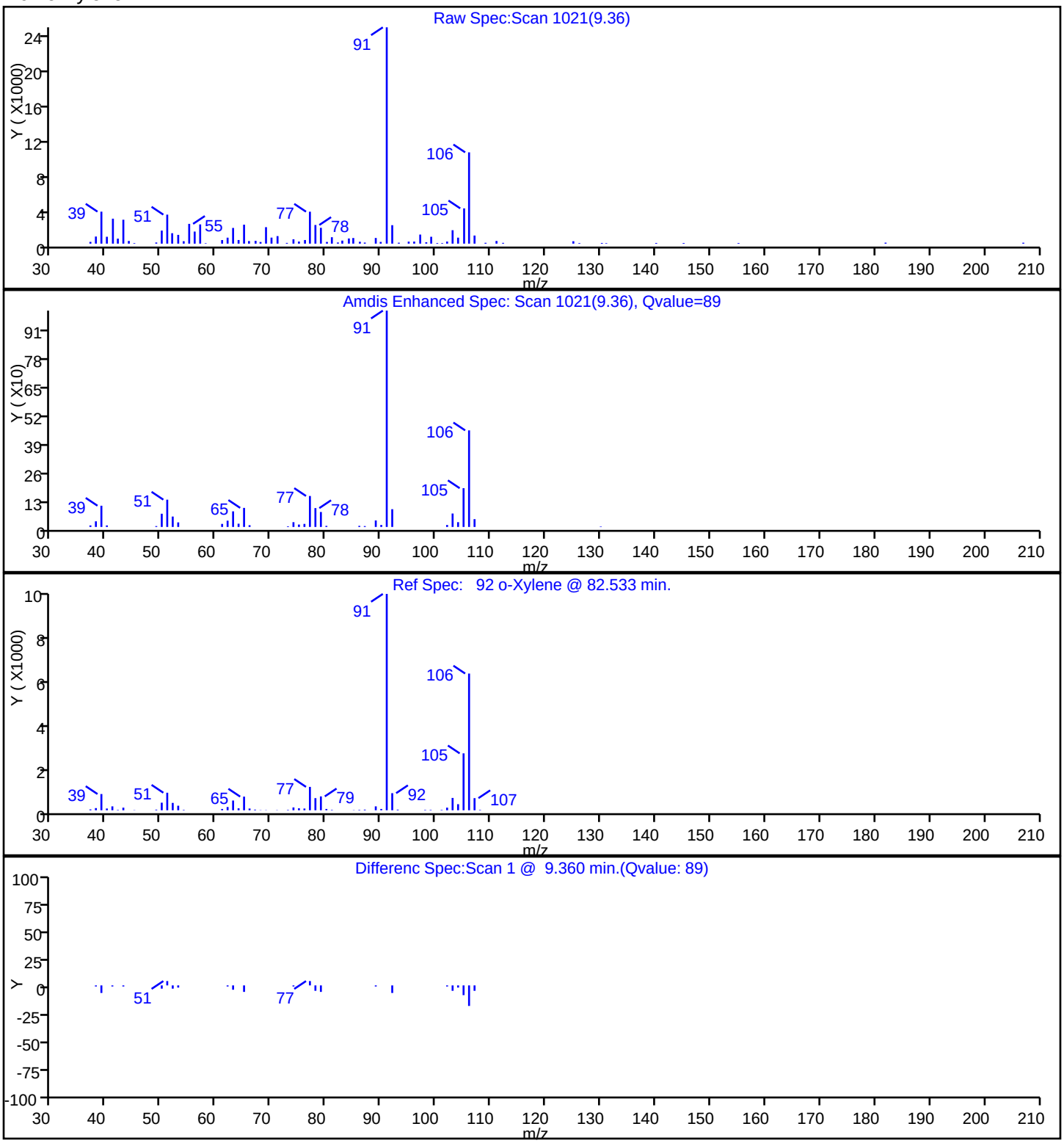
Report Date: 20-Sep-2013 16:44:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60655.D

Injection Date:	19-Sep-2013 05:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

92 o-Xylene



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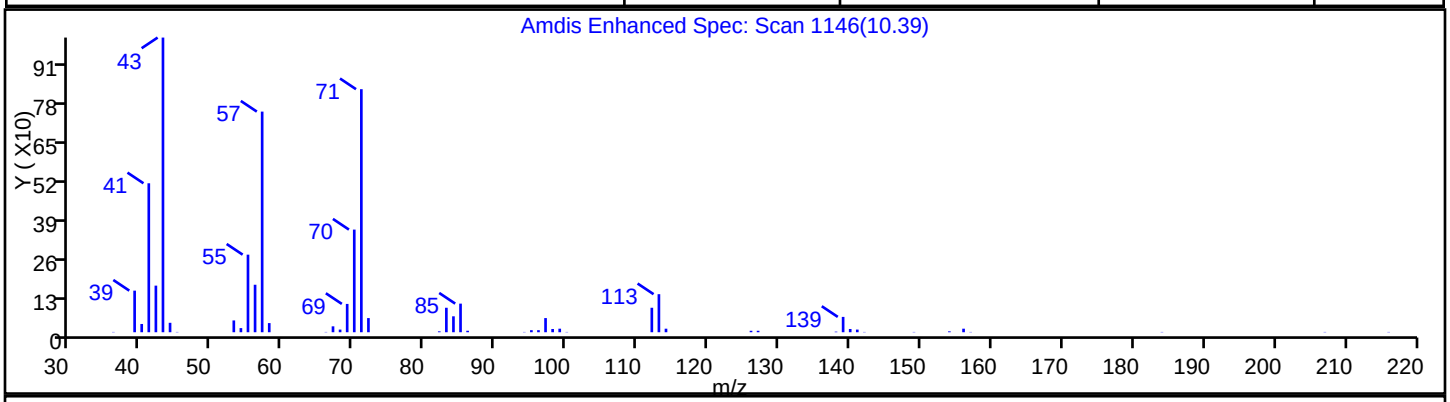
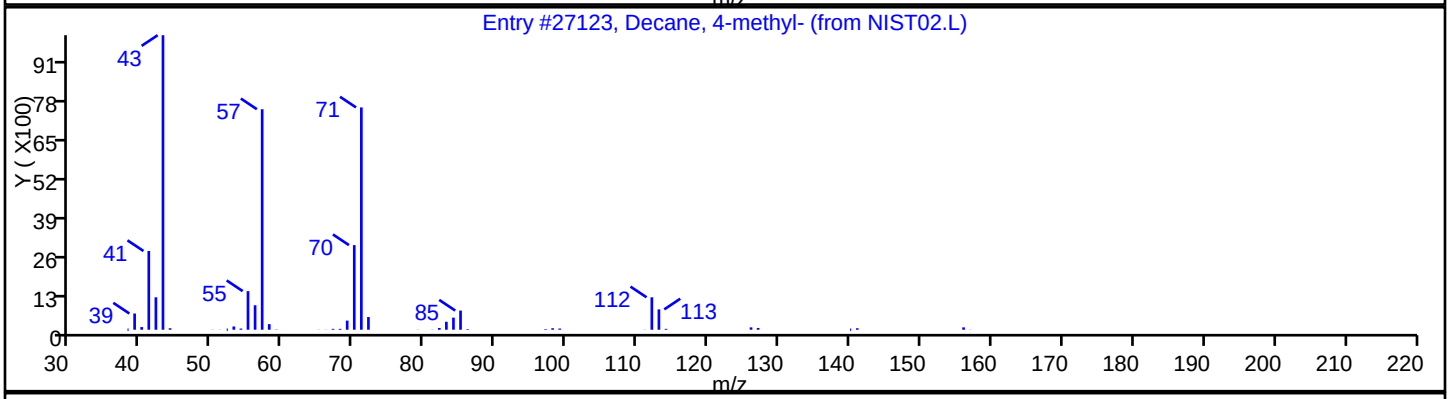
TestAmerica Edison

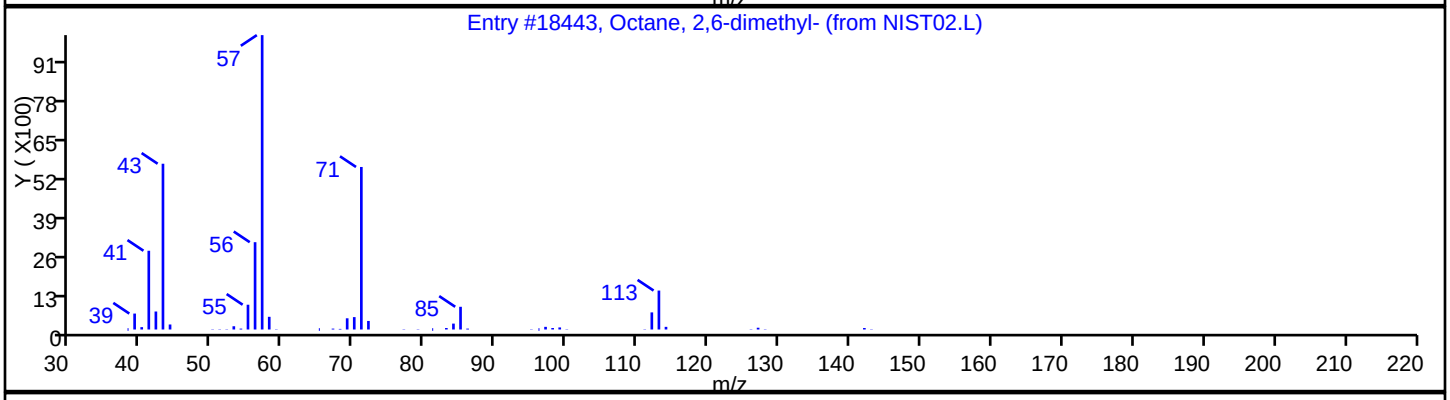
Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60655.D

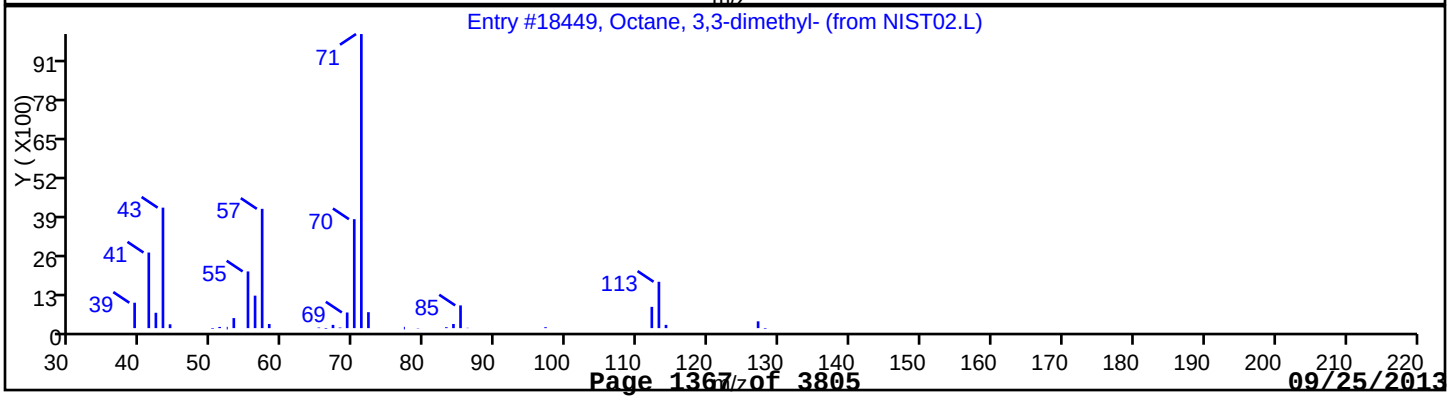
Injection Date:	19-Sep-2013 05:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Decane, 4-methyl-	2847-72-5	NIST02.L	27123	90
Octane, 2,6-dimethyl-	2051-30-1	NIST02.L	18443	80
Octane, 3,3-dimethyl-	4110-44-5	NIST02.L	18449	78









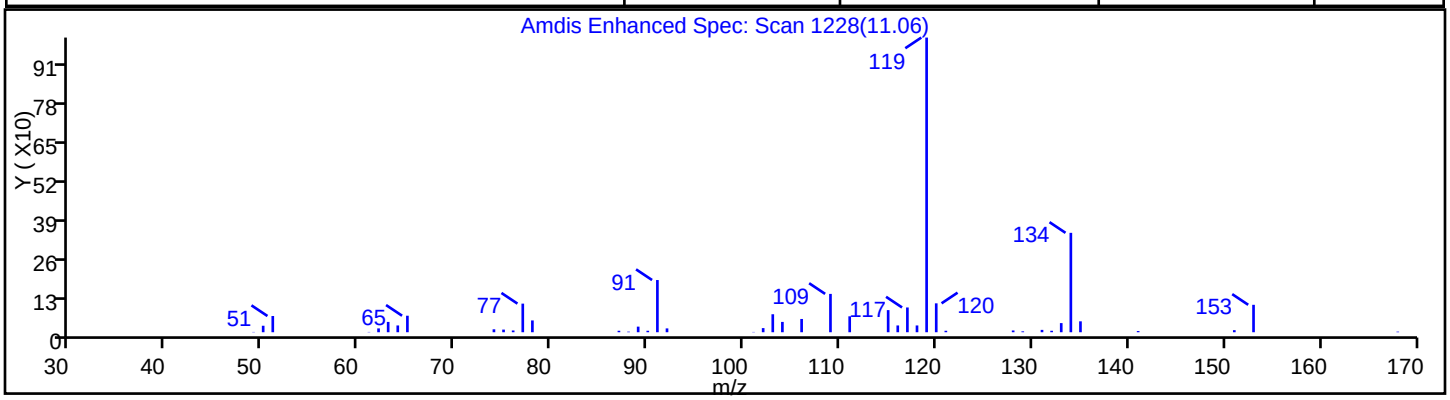
Report Date: 20-Sep-2013 16:44:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

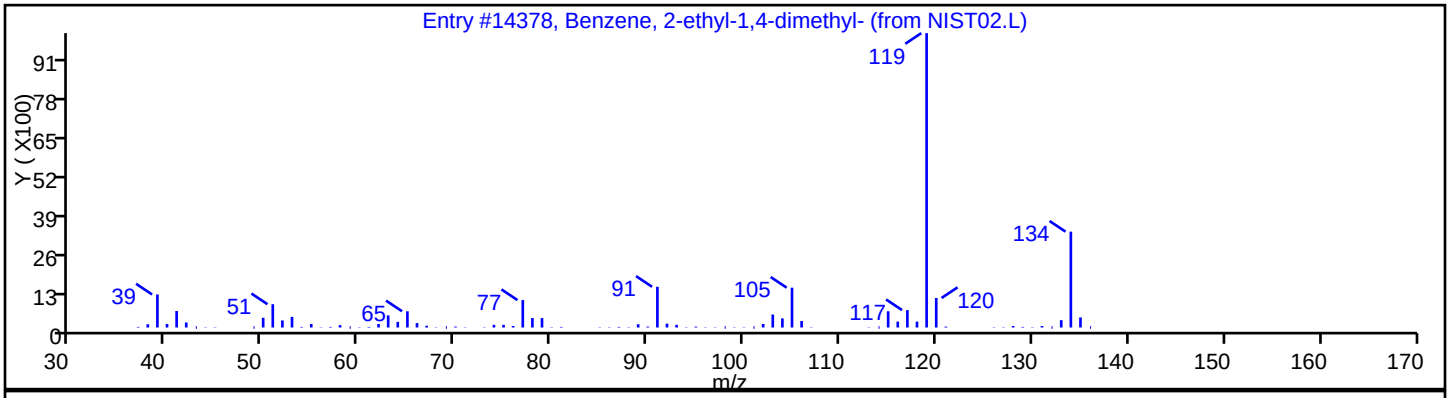
TestAmerica Edison

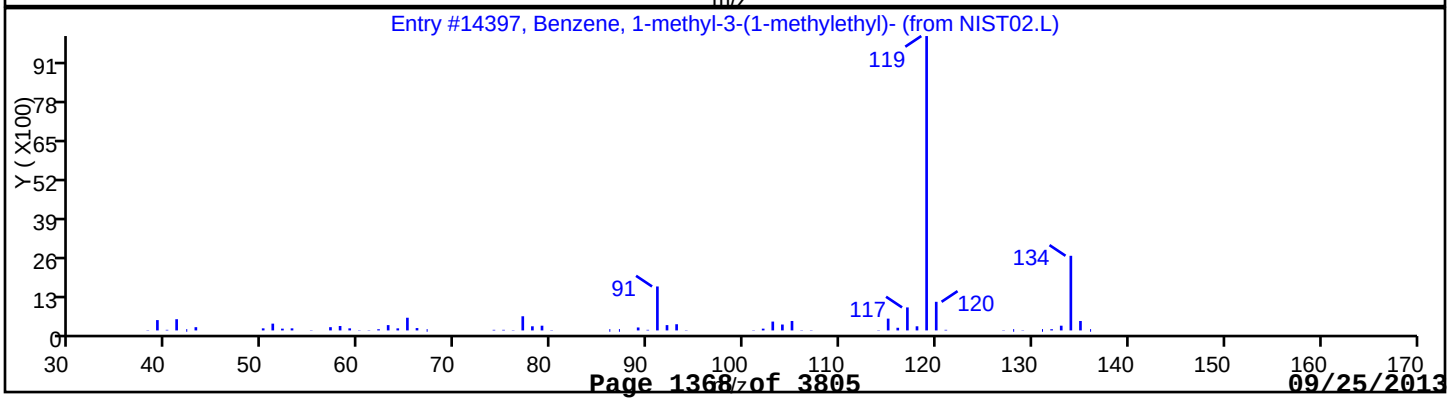
Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60655.D

Injection Date:	19-Sep-2013 05:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	19
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
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.L	14378	95
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.L	14397	94







Report Date: 20-Sep-2013 16:44:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60655.D

Injection Date: 19-Sep-2013 05:02:30 Limit Group: VOA - 8260B Water and Solid

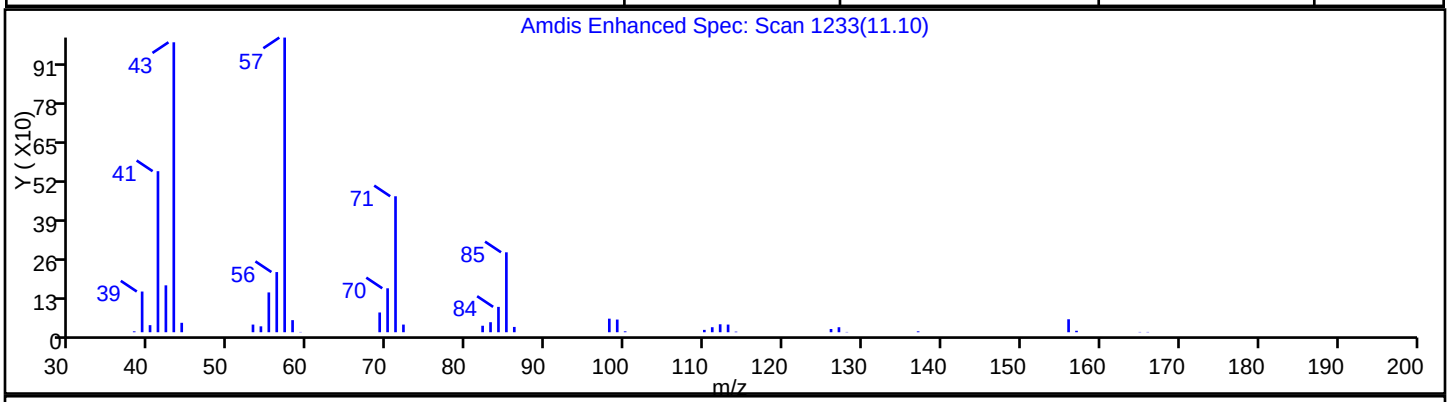
Client ID: PMP-24SE-SI Instrument ID: CVOAMS2

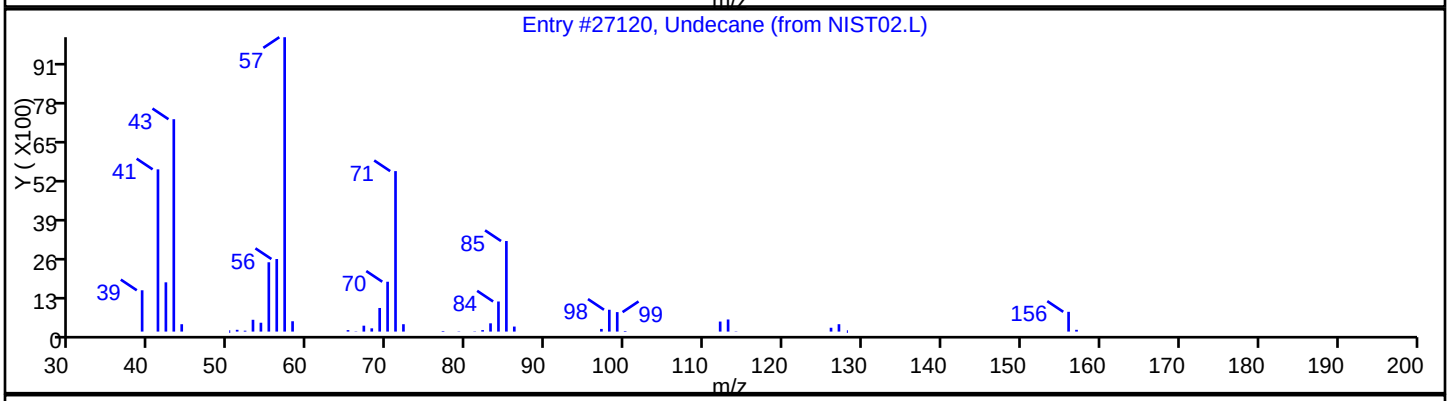
Lims Batch ID: 182063 Lims Sample ID: 19

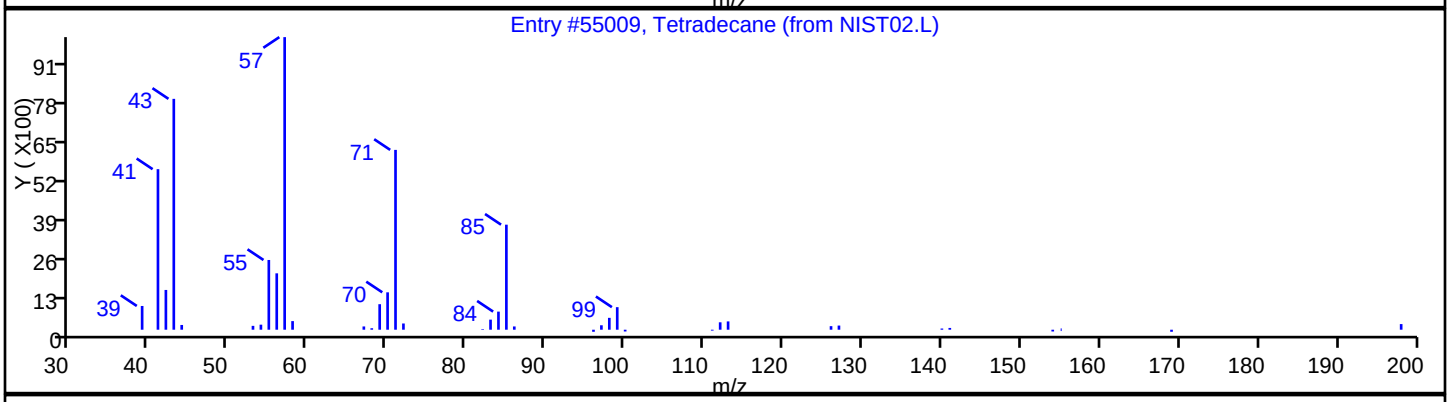
Operator ID: Purge Vol: 5.000 mL

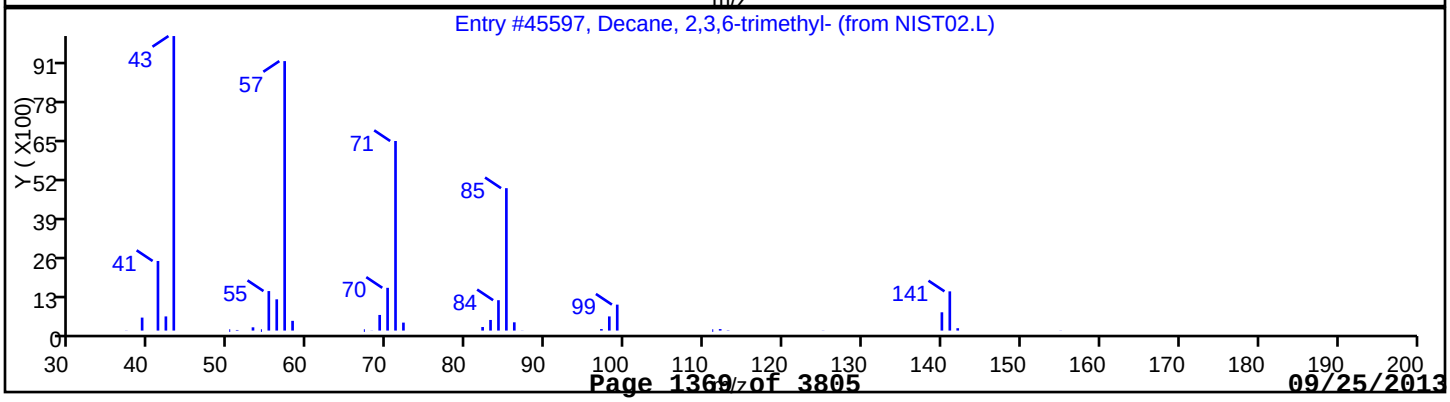
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Undecane	1120-21-4	NIST02.L	27120	93
Tetradecane	629-59-4	NIST02.L	55009	78
Decane, 2,3,6-trimethyl-	62238-12-4	NIST02.L	45597	72









Report Date: 20-Sep-2013 16:44:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60655.D

Injection Date: 19-Sep-2013 05:02:30 Limit Group: VOA - 8260B Water and Solid

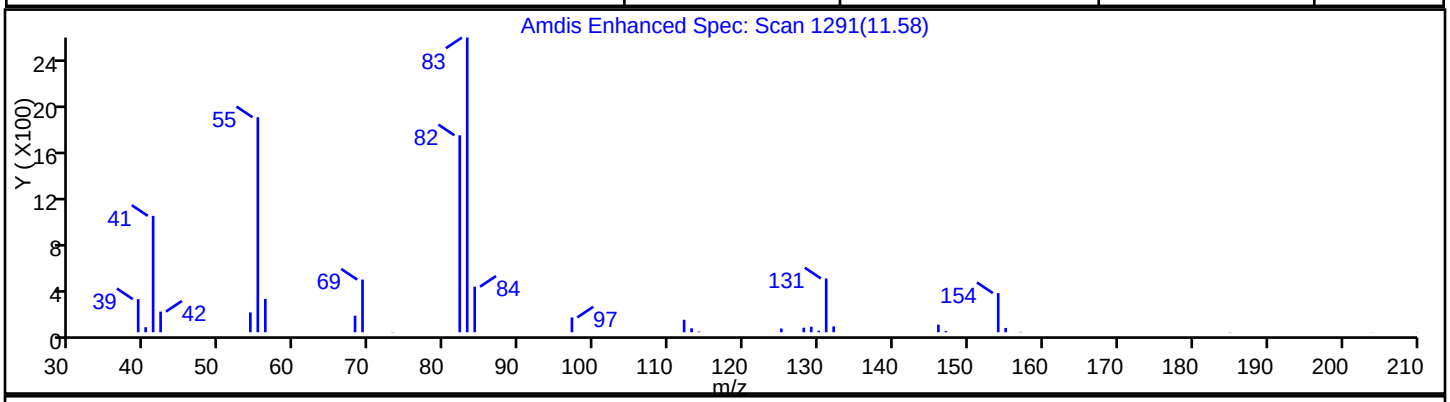
Client ID: PMP-24SE-SI Instrument ID: CVOAMS2

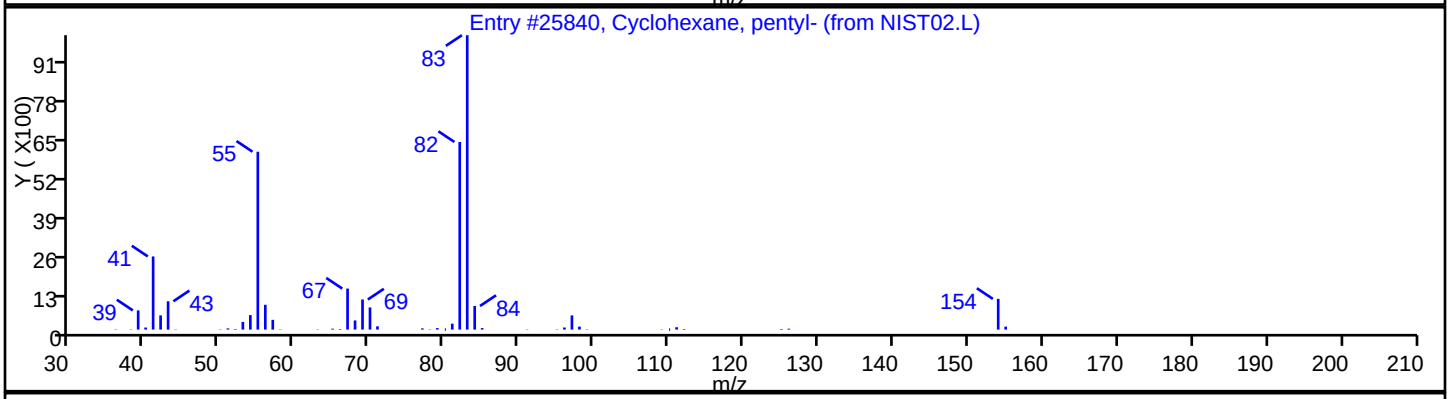
Lims Batch ID: 182063 Lims Sample ID: 19

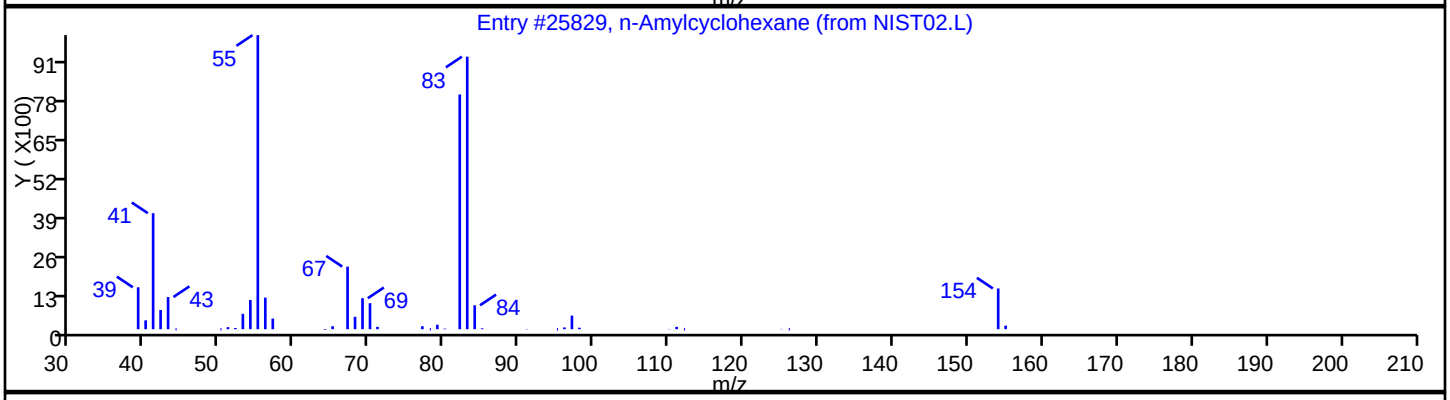
Operator ID: Purge Vol: 5.000 mL

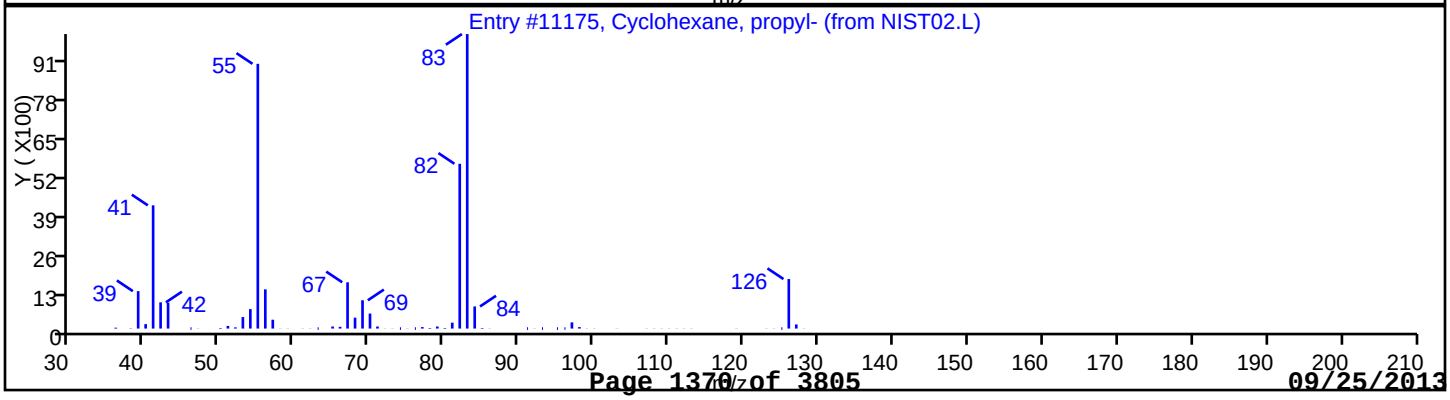
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Cyclohexane, pentyl-	4292-92-6	NIST02.L	25840	90
n-Amylcyclohexane	29949-27-7	NIST02.L	25829	80
Cyclohexane, propyl-	1678-92-8	NIST02.L	11175	72









Report Date: 20-Sep-2013 16:44:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60655.D

Injection Date: 19-Sep-2013 05:02:30 Limit Group: VOA - 8260B Water and Solid

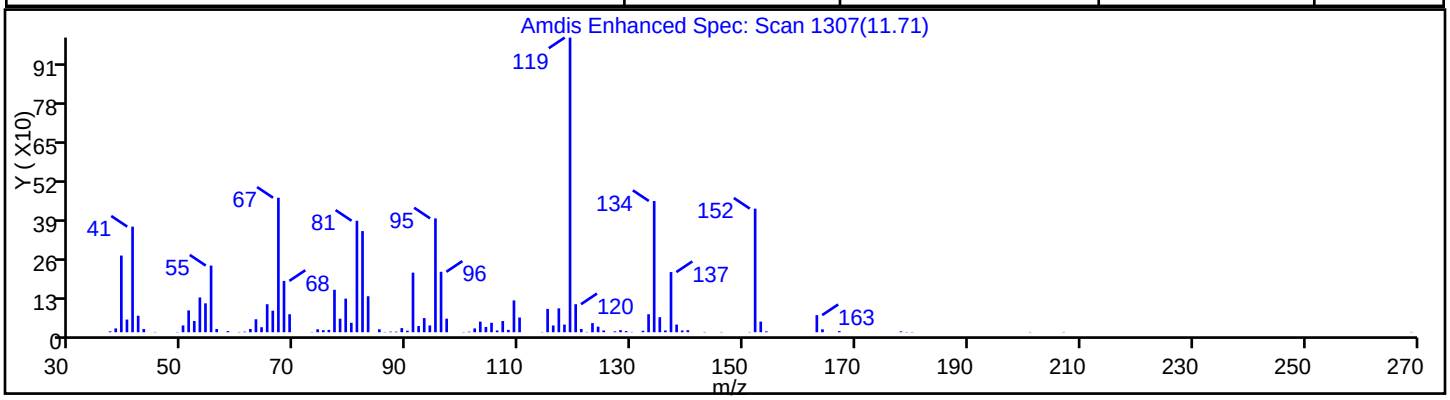
Client ID: PMP-24SE-SI Instrument ID: CVOAMS2

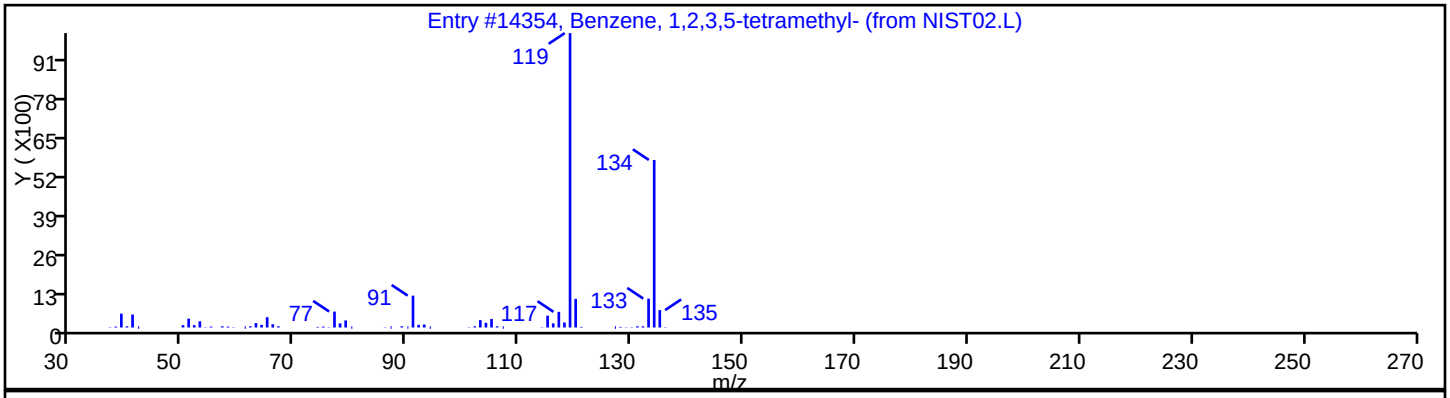
Lims Batch ID: 182063 Lims Sample ID: 19

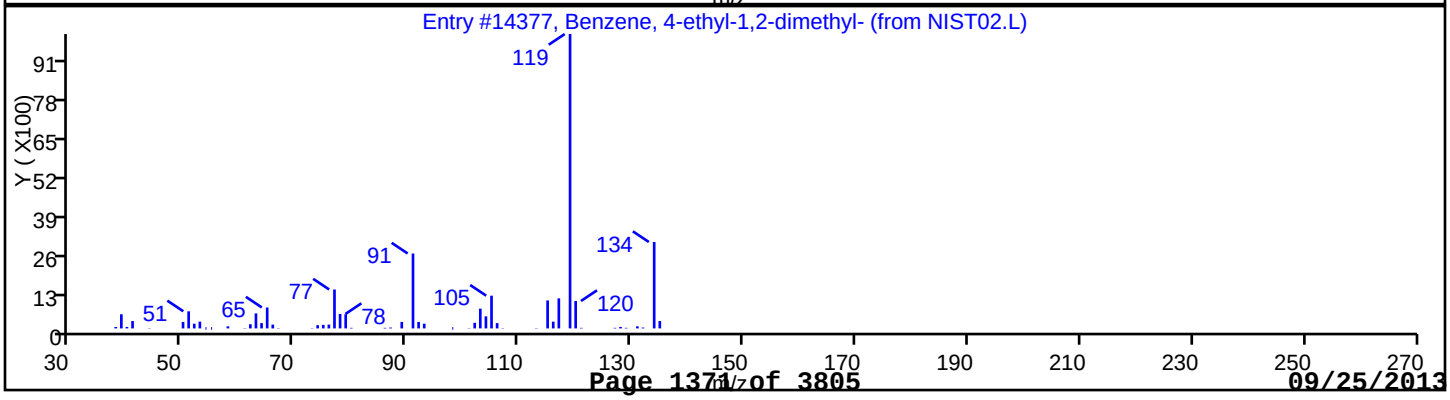
Operator ID: Purge Vol: 5.000 mL

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, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14354	80
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14377	80





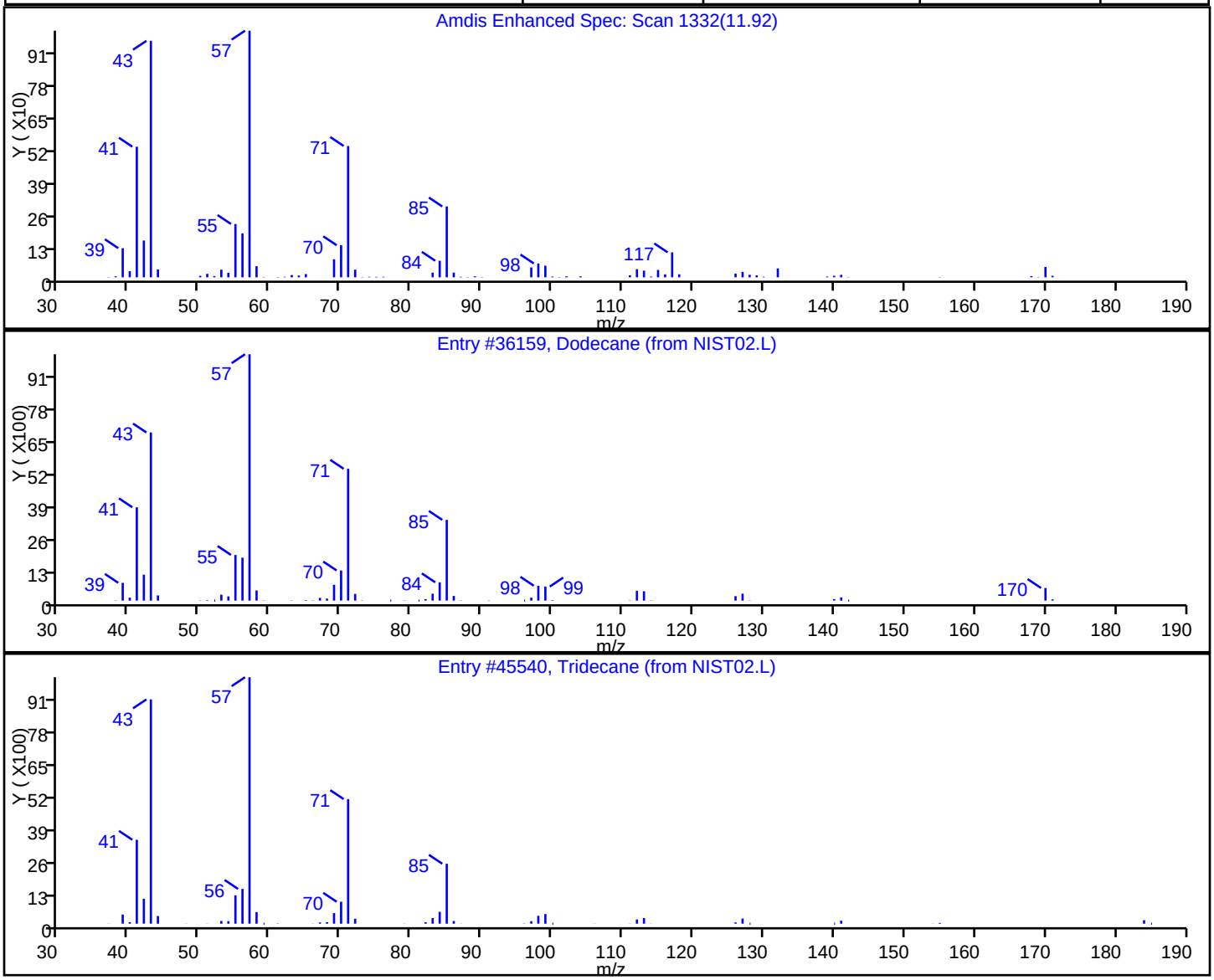


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60655.D

Injection Date:	19-Sep-2013 05:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	19
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	93
Tridecane	629-50-5	NIST02.L	45540	72



Report Date: 20-Sep-2013 16:44:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60655.D

Injection Date: 19-Sep-2013 05:02:30 Limit Group: VOA - 8260B Water and Solid

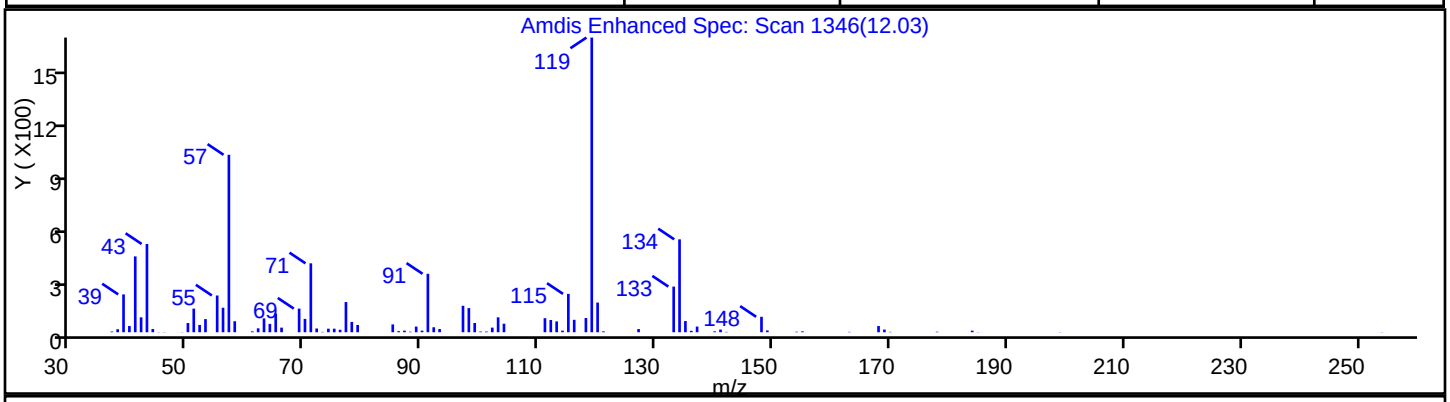
Client ID: PMP-24SE-SI Instrument ID: CVOAMS2

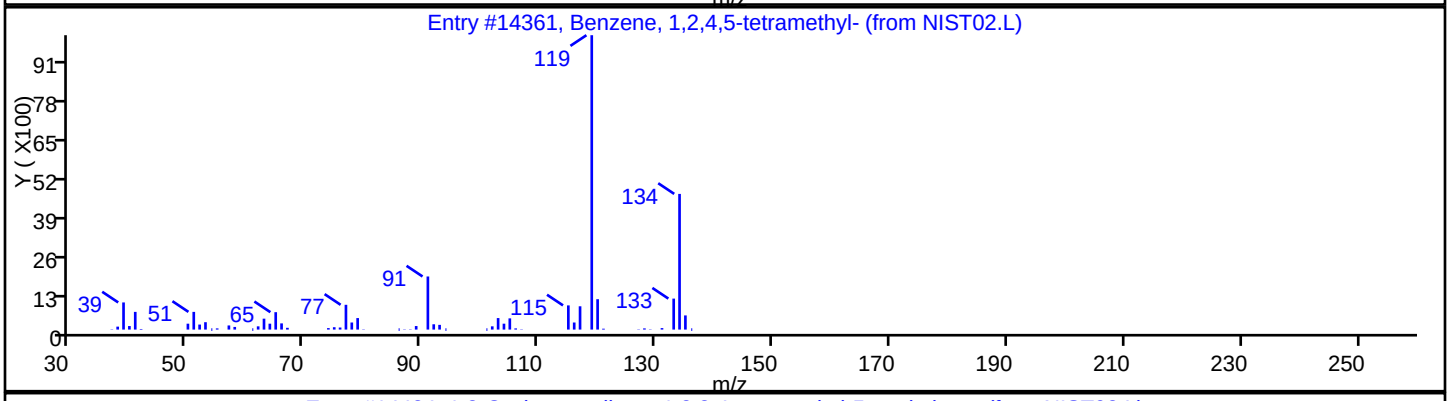
Lims Batch ID: 182063 Lims Sample ID: 19

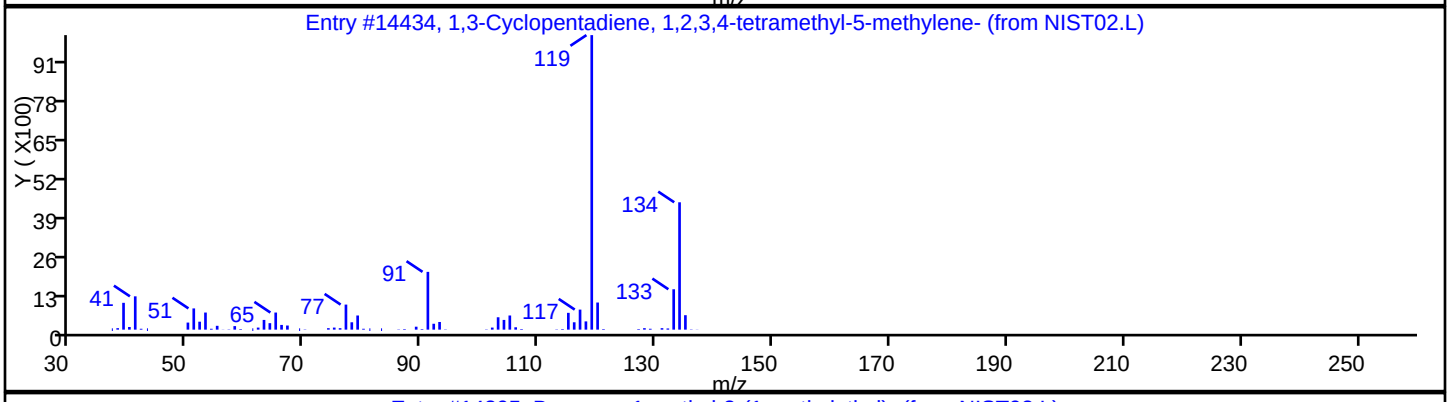
Operator ID: Purge Vol: 5.000 mL

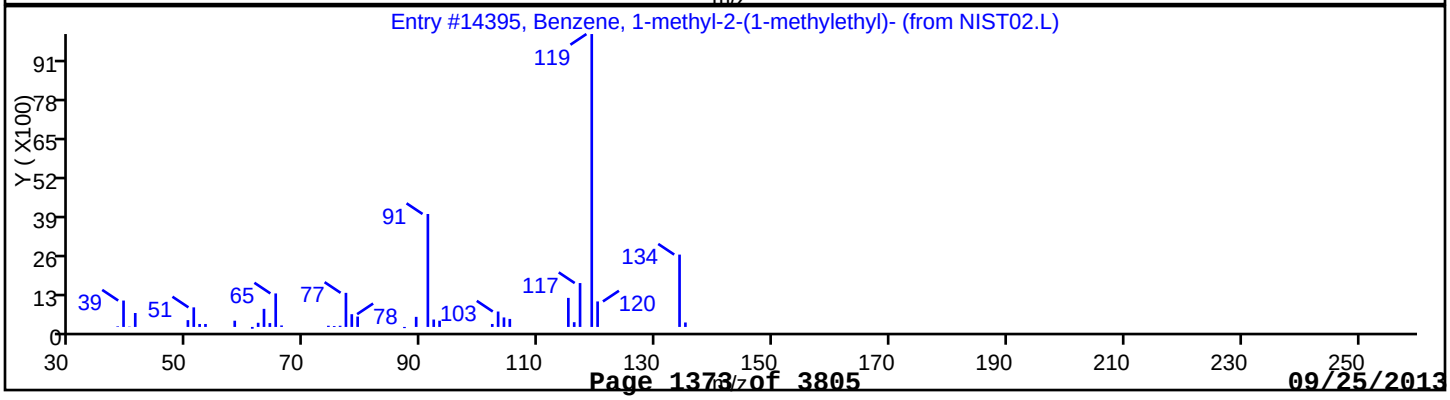
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	81
1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	76089-59-3	NIST02.L	14434	81
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14395	76









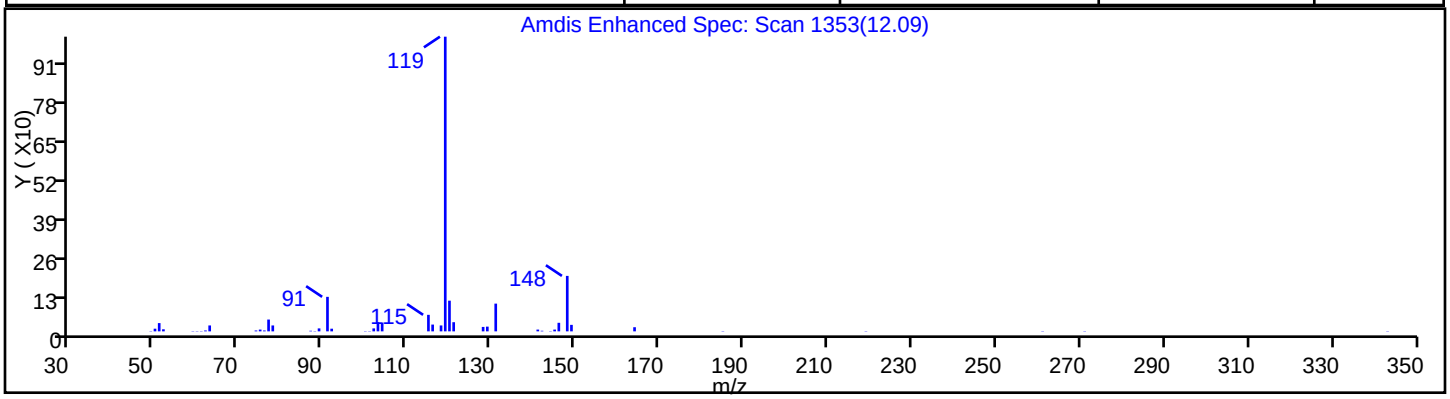
Report Date: 20-Sep-2013 16:44:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

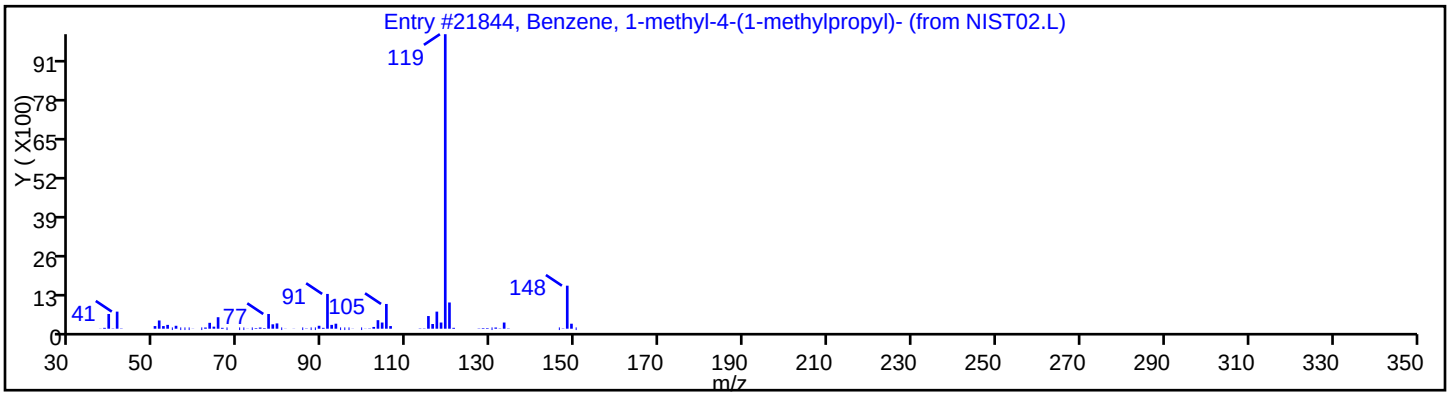
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60655.D

Injection Date:	19-Sep-2013 05:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	19
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
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	87





Report Date: 20-Sep-2013 16:44:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60655.D

Injection Date: 19-Sep-2013 05:02:30 Limit Group: VOA - 8260B Water and Solid

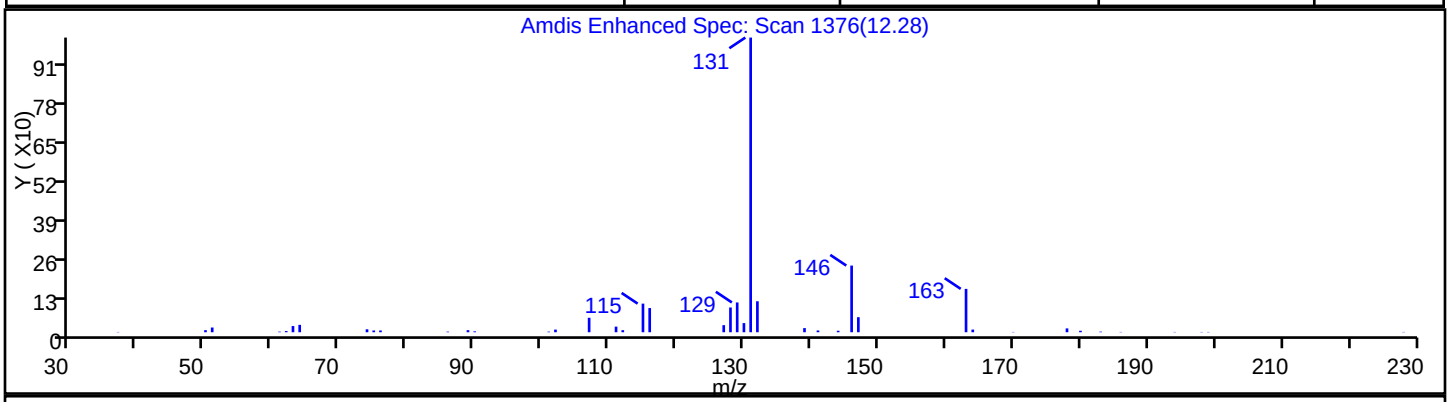
Client ID: PMP-24SE-SI Instrument ID: CVOAMS2

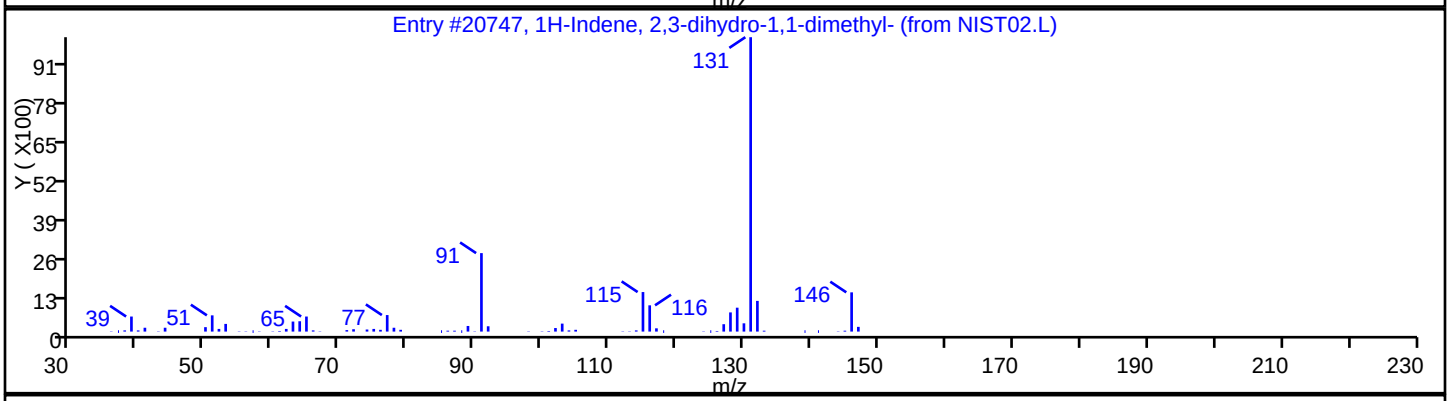
Lims Batch ID: 182063 Lims Sample ID: 19

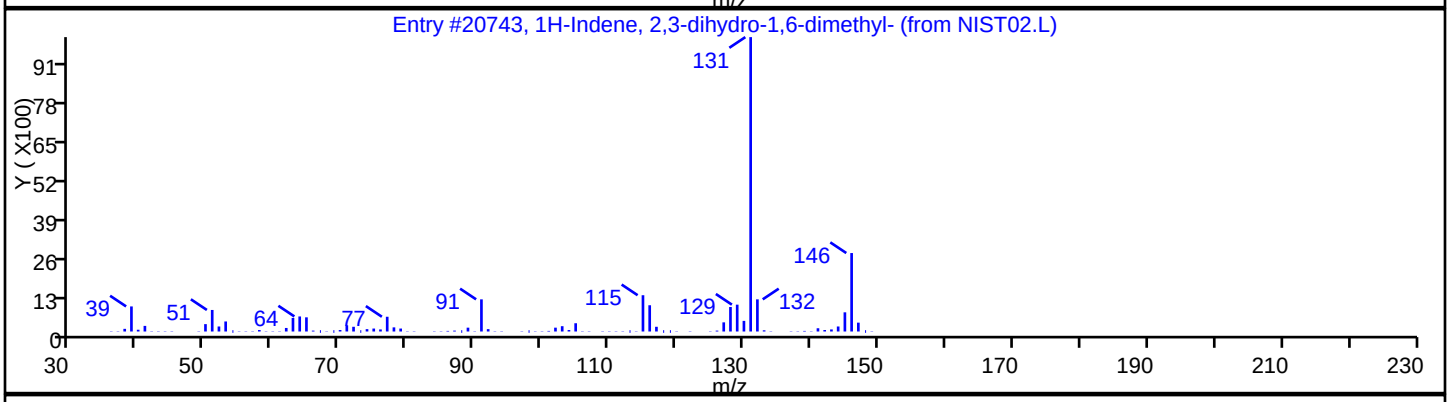
Operator ID: Purge Vol: 5.000 mL

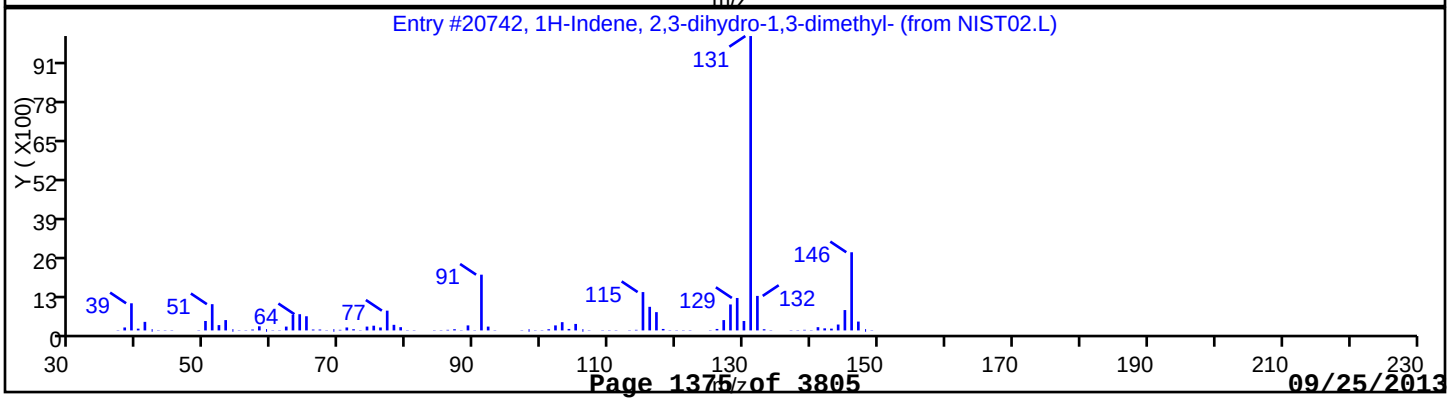
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene, 2,3-dihydro-1,1-dimethyl-	4912-92-9	NIST02.L	20747	90
1H-Indene, 2,3-dihydro-1,6-dimethyl-	17059-48-2	NIST02.L	20743	90
1H-Indene, 2,3-dihydro-1,3-dimethyl-	4175-53-5	NIST02.L	20742	87









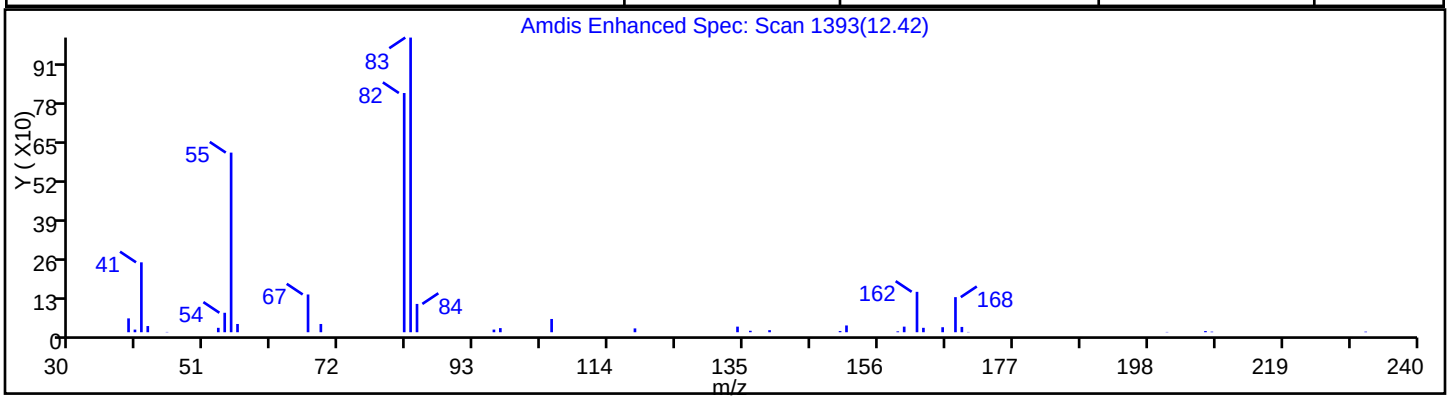
Report Date: 20-Sep-2013 16:44:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

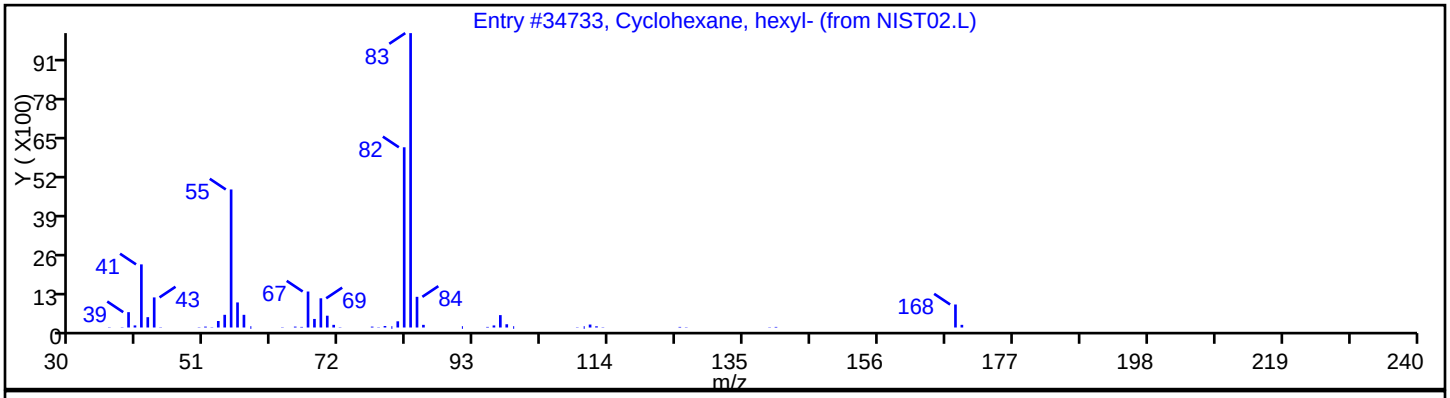
TestAmerica Edison

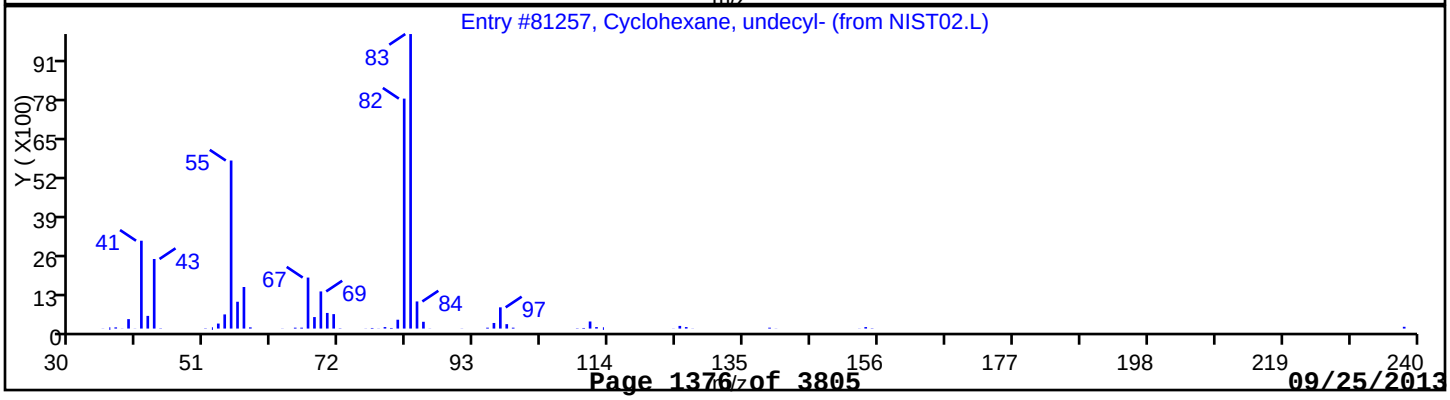
Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60655.D

Injection Date:	19-Sep-2013 05:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-24SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	19
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
Cyclohexane, hexyl-	4292-75-5	NIST02.L	34733	86
Cyclohexane, undecyl-	54105-66-7	NIST02.L	81257	72







FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-VD | Lab Sample ID: 460-62968-31

Matrix: Solid | Lab File ID: D363230.D

Analysis Method: 8260B | Date Collected: 09/12/2013 15:45

Sample wt/vol: 6.673(g) | Date Analyzed: 09/21/2013 08:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.8 | Level: (low/med) Low

Analysis Batch No.: 182467 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.13	U	0.79	0.13
74-83-9	Bromomethane	0.34	U	0.79	0.34
75-01-4	Vinyl chloride	0.27	U	0.79	0.27
75-00-3	Chloroethane	0.26	U	0.79	0.26
75-09-2	Methylene Chloride	0.12	U	0.79	0.12
67-64-1	Acetone	6.2		3.9	1.3
75-15-0	Carbon disulfide	0.12	U	0.79	0.12
75-69-4	Trichlorofluoromethane	0.13	U	0.79	0.13
75-35-4	1,1-Dichloroethene	0.15	U	0.79	0.15
75-34-3	1,1-Dichloroethane	0.087	U	0.79	0.087
156-60-5	trans-1,2-Dichloroethene	0.10	U	0.79	0.10
156-59-2	cis-1,2-Dichloroethene	0.60	J	0.79	0.087
67-66-3	Chloroform	2.5		0.79	0.19
78-93-3	2-Butanone	0.50	U	3.9	0.50
107-06-2	1,2-Dichloroethane	0.14	U	0.79	0.14
71-55-6	1,1,1-Trichloroethane	0.10	U	0.79	0.10
56-23-5	Carbon tetrachloride	0.12	U	0.79	0.12
71-43-2	Benzene	0.12	U	0.79	0.12
75-25-2	Bromoform	0.13	U	0.79	0.13
100-42-5	Styrene	0.22	U	0.79	0.22
100-41-4	Ethylbenzene	0.13	U	0.79	0.13
108-90-7	Chlorobenzene	0.14	U	0.79	0.14
110-82-7	Cyclohexane	0.10	U	0.79	0.10
98-82-8	Isopropylbenzene	0.087	U	0.79	0.087
591-78-6	2-Hexanone	0.10	U	3.9	0.10
1634-04-4	MTBE	0.087	U	0.79	0.087
76-13-1	Freon TF	0.087	U	0.79	0.087
79-20-9	Methyl acetate	0.25	U	0.79	0.25
123-91-1	1,4-Dioxane	10	U	16	10
79-01-6	Trichloroethene	2.7		0.79	0.094
108-88-3	Toluene	0.11	U	0.79	0.11
10061-02-6	trans-1,3-Dichloropropene	0.079	U	0.79	0.079
108-10-1	4-Methyl-2-pentanone	0.16	U	3.9	0.16
10061-01-5	cis-1,3-Dichloropropene	0.11	U	0.79	0.11
95-50-1	1,2-Dichlorobenzene	0.80		0.79	0.079
541-73-1	1,3-Dichlorobenzene	6.8		0.79	0.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-VD | Lab Sample ID: 460-62968-31

Matrix: Solid | Lab File ID: D363230.D

Analysis Method: 8260B | Date Collected: 09/12/2013 15:45

Sample wt/vol: 6.673(g) | Date Analyzed: 09/21/2013 08:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.8 | Level: (low/med) Low

Analysis Batch No.: 182467 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2.4		0.79	0.087
120-82-1	1,2,4-Trichlorobenzene	15		0.79	0.15
87-61-6	1,2,3-Trichlorobenzene	24		0.79	0.13
78-87-5	1,2-Dichloropropane	0.12	U *	0.79	0.12
108-87-2	Methylcyclohexane	0.079	U	0.79	0.079
127-18-4	Tetrachloroethene	0.43	J	0.79	0.094
1330-20-7	Xylenes, Total	0.53	U	2.4	0.53
96-12-8	1,2-Dibromo-3-Chloropropane	0.35	U	0.79	0.35
79-34-5	1,1,2,2-Tetrachloroethane	0.071	U *	0.79	0.071
79-00-5	1,1,2-Trichloroethane	0.11	U	0.79	0.11
124-48-1	Dibromochloromethane	0.079	U	0.79	0.079
106-93-4	1,2-Dibromoethane	0.12	U	0.79	0.12
75-71-8	Dichlorodifluoromethane	0.17	U	0.79	0.17
74-97-5	Bromochloromethane	0.087	U	0.79	0.087
75-27-4	Bromodichloromethane	0.25	U	0.79	0.25

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	106		70-130
460-00-4	Bromofluorobenzene	129		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-VD Lab Sample ID: 460-62968-31

Matrix: Solid Lab File ID: D363230.D

Analysis Method: 8260B Date Collected: 09/12/2013 15:45

Sample wt/vol: 6.673(g) Date Analyzed: 09/21/2013 08:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.8 Level: (low/med) Low

Analysis Batch No.: 182467 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 514

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1000191-75-5	2-(3-Methylbuta-1,3-dienyl)cyclohexanone	11.10	55	J N
707-35-7	1,3,5-Trimethyladamantane	11.36	49	J N
	Unknown	11.61	42	J
	Unknown	12.06	74	J
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	12.31	67	J N
62238-33-9	Cyclohexane, 1-ethyl-2-propyl-	13.05	38	J N
	Unknown	13.15	48	J
	Unknown	13.23	63	J
57289-16-4	2,6-Naphthalenedione, octahydro-1,1,8a-t	13.37	40	J N
	Unknown	13.69	38	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D
Lims ID: 460-62968-B-31-A
Client ID: PMP-2SE-VD
Inject. Date: 21-Sep-2013 08:55:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-62968-B-31-A
Misc. Info.: 460-0004869-015
Operator:
Instrument ID: CVOAMS4
Purge Vol: 5.000 mL
ALS Bottle#: 14
Lims Batch ID: 182467
Lims Sample ID: 15
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\8260S_4.m
Last Update: 22-Sep-2013 10:43:24
Calib Date: 05-Sep-2013 06:32:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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: XAWRK048

First Level Reviewer: delpolitov
Date: 22-Sep-2013 10:32:58

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	2.440	2.440	0.0	68	17077	7.83	
* 151 TBA-d9 (IS)	65	2.652	2.647	0.005	57	194618	1000.0	
42 cis-1,2-Dichloroethene	96	3.355	3.350	0.005	41	3590	0.7683	
47 Chloroform	83	3.581	3.576	0.005	89	27957	3.16	
$ 152 Dibromofluoromethane (Surr)	113	3.730	3.726	0.004	95	186295	54.2	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.183	4.178	0.005	95	178312	48.8	
* 59 Fluorobenzene	96	4.443	4.438	0.005	99	586562	50.0	
61 Trichloroethene	95	4.607	4.597	0.010	82	17713	3.49	
* 150 1,4-Dioxane-d8	96	5.406	5.416	-0.010	1	16364	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.104	6.104	0.0	97	621133	52.9	
80 Tetrachloroethene	166	6.610	6.610	0.0	1	3011	0.5473	M
* 87 Chlorobenzene-d5	117	7.799	7.799	0.0	84	441962	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	92	194637	64.4	
115 1,3-Dichlorobenzene	146	9.677	9.677	0.0	93	72025	8.67	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	95	195294	50.0	
117 1,4-Dichlorobenzene	146	9.745	9.750	-0.005	37	24233	3.02	
121 1,2-Dichlorobenzene	146	10.058	10.053	0.005	82	7838	1.02	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	84	127228	19.4	
128 1,2,3-Trichlorobenzene	180	11.464	11.459	0.005	91	175376	30.9	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D		
Lims ID:	460-62968-B-31-A	Client ID:	PMP-2SE-VD
Inject. Date:	21-Sep-2013 08:55:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-B-31-A		
Misc. Info.:	460-0004869-015		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	14
Lims Batch ID:	182467	Lims Sample ID:	15
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\8260S_4.m		
Last Update:	22-Sep-2013 10:43:24	Calib Date:	05-Sep-2013 06:32:30
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:	XAWRK048		
First Level Reviewer: delpolitov		Date:	22-Sep-2013 10:32:58

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
1000191-75-5 2-(3-Methylbuta-1,3-dienyl)cyclohexanone						
11.098	1646063	69.4	116	72	31884	
707-35-7 1,3,5-Trimethyladamantane						
11.358	1463641	61.7	116	86	41333	
Unknown						
11.608	1277673	53.9	116			
Unknown						
12.056	2244081	94.7	116			
80655-44-3 Decahydro-4,4,8,9,10-pentamethylnaphthal						
12.311	2028828	85.6	116	87	61716	
62238-33-9 Cyclohexane, 1-ethyl-2-propyl-						
13.048	1146620	48.4	116	43	25871	
Unknown						
13.149	1454518	61.4	116	0	0	
Unknown						
13.226	1909052	80.5	116	0	0	
57289-16-4 2,6-Naphthalenedione, octahydro-1,1,8a-t						
13.366	1212891	51.2	116	49	61508	
Unknown						
13.688	1145188	48.3	116			

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	9.740	1185265	50.0

QC Flag Legend

Processing Flags

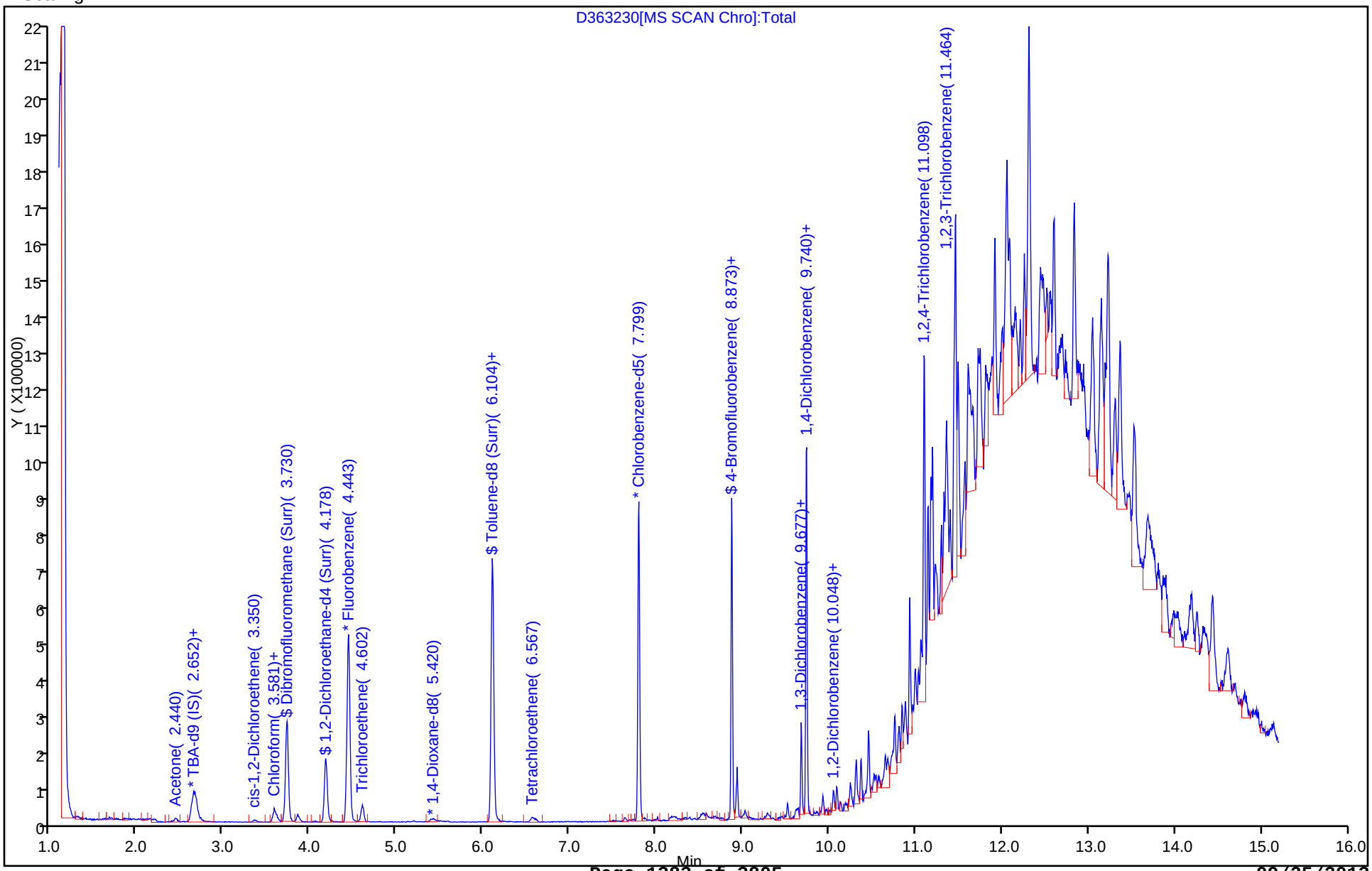
Report Date: 22-Sep-2013 11:35:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D

Injection Date:	21-Sep-2013 08:55:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



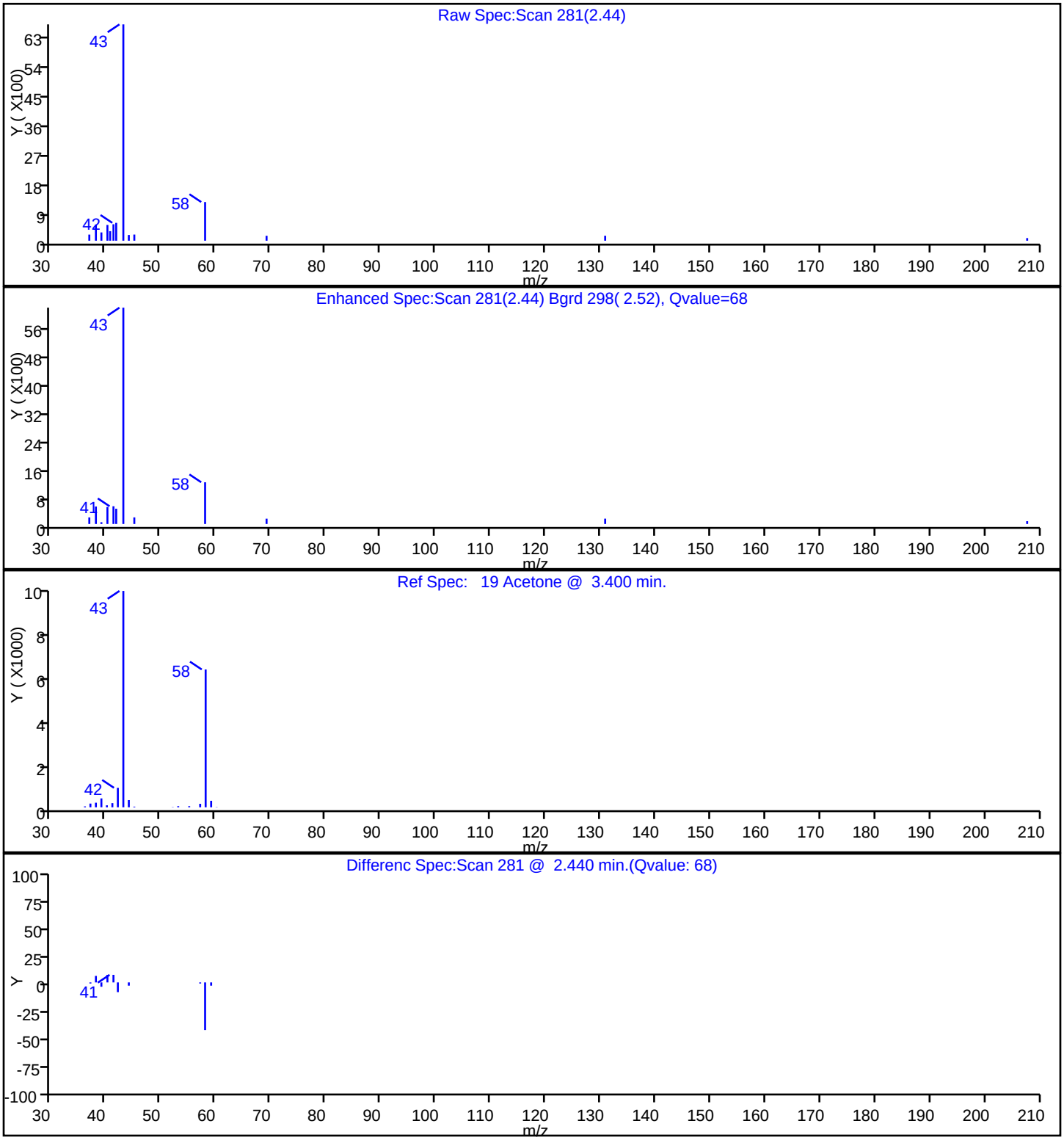
Report Date: 22-Sep-2013 11:35:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D

Injection Date:	21-Sep-2013 08:55:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

19 Acetone

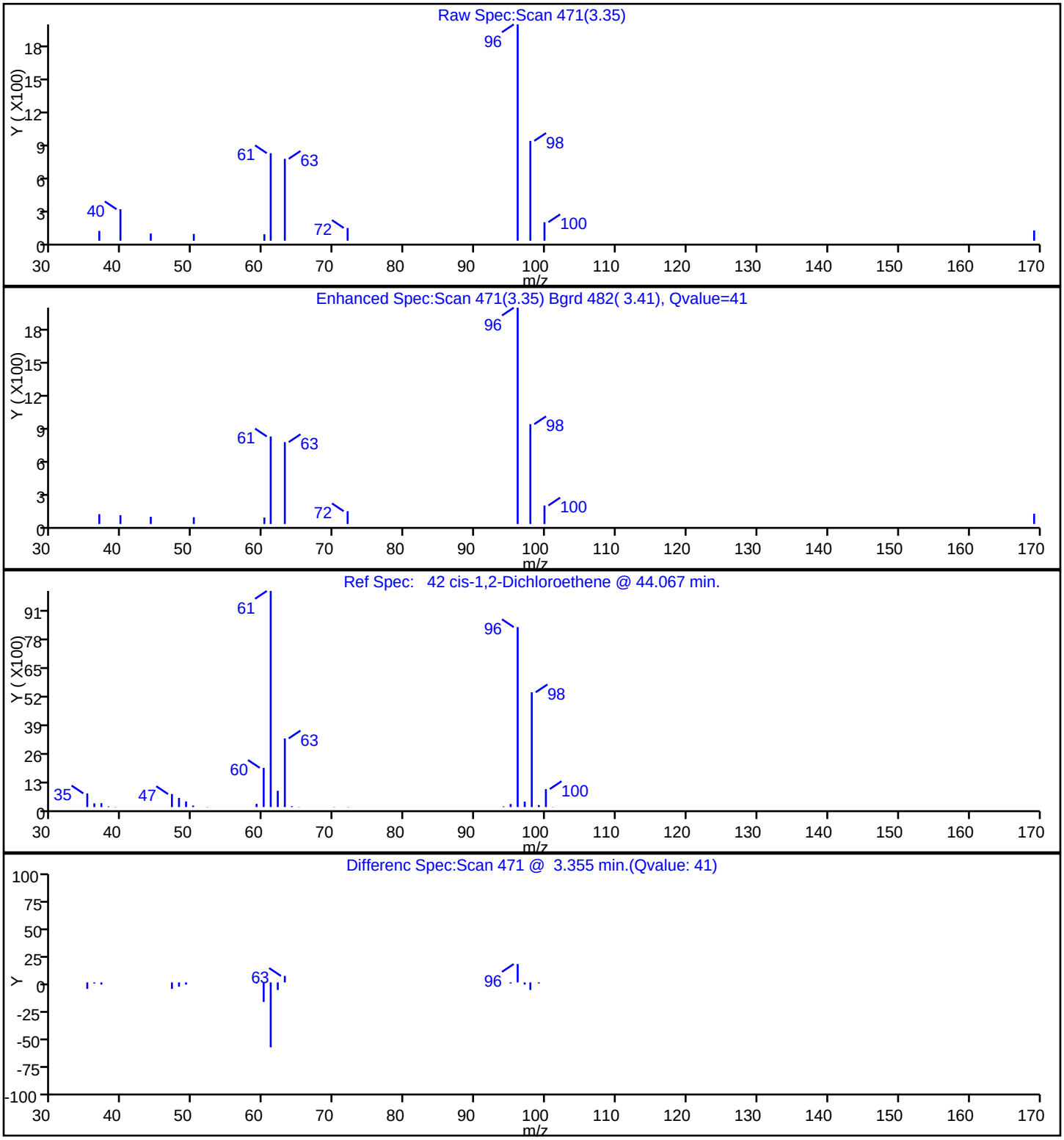


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D

Injection Date:	21-Sep-2013 08:55:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

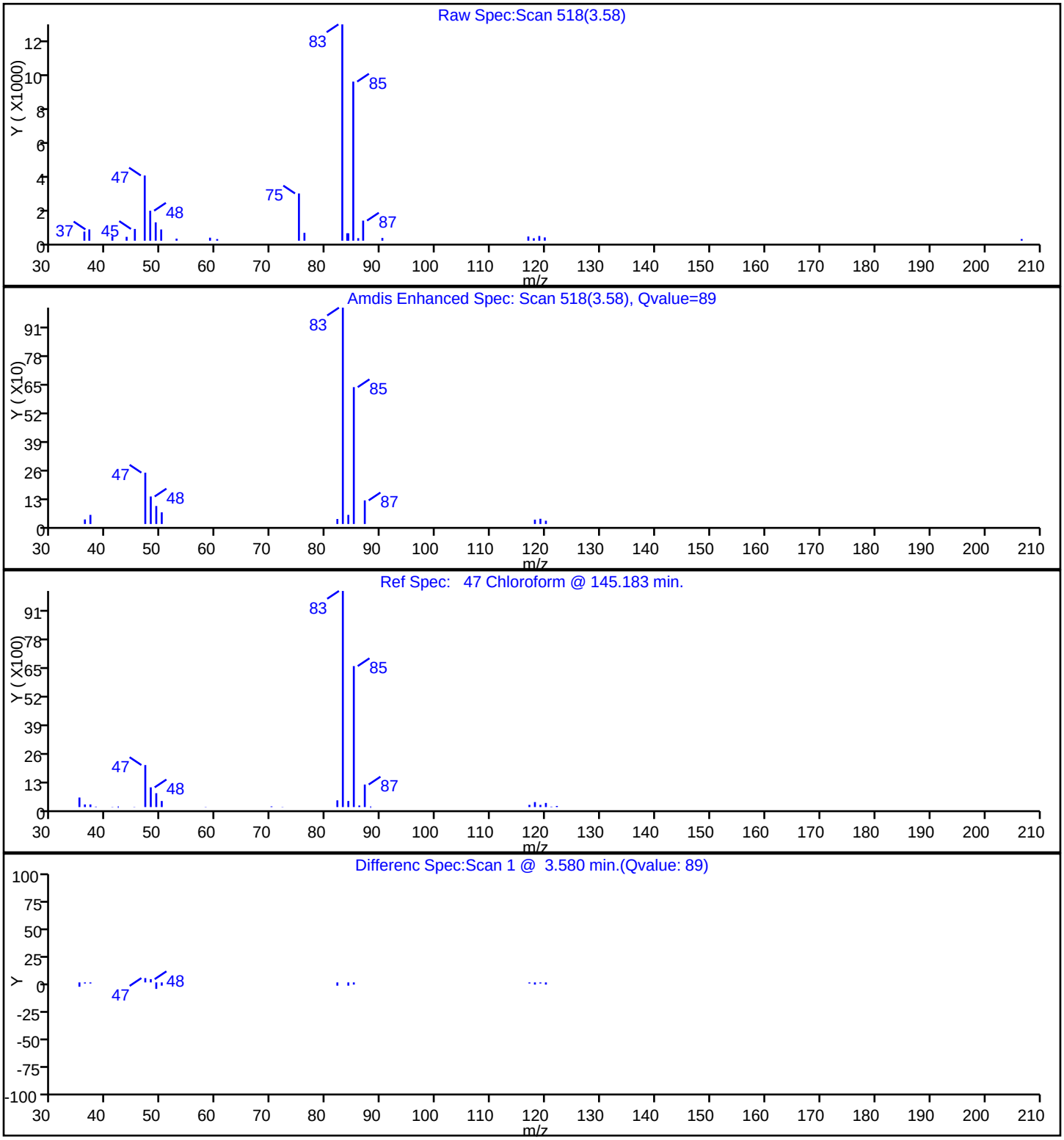
42 cis-1,2-Dichloroethene



Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D

Injection Date:	21-Sep-2013 08:55:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



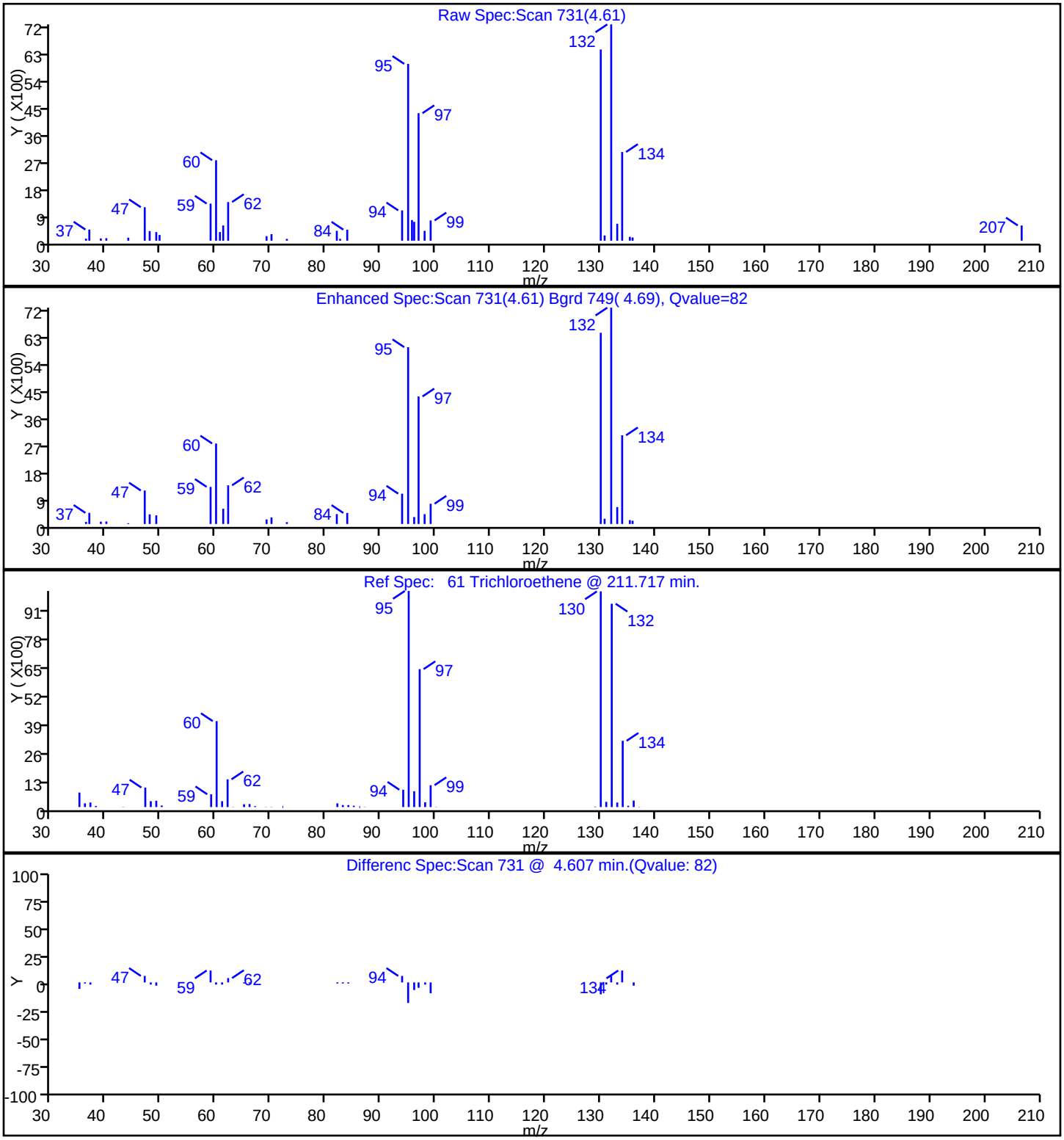
Report Date: 22-Sep-2013 11:35:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D

Injection Date:	21-Sep-2013 08:55:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

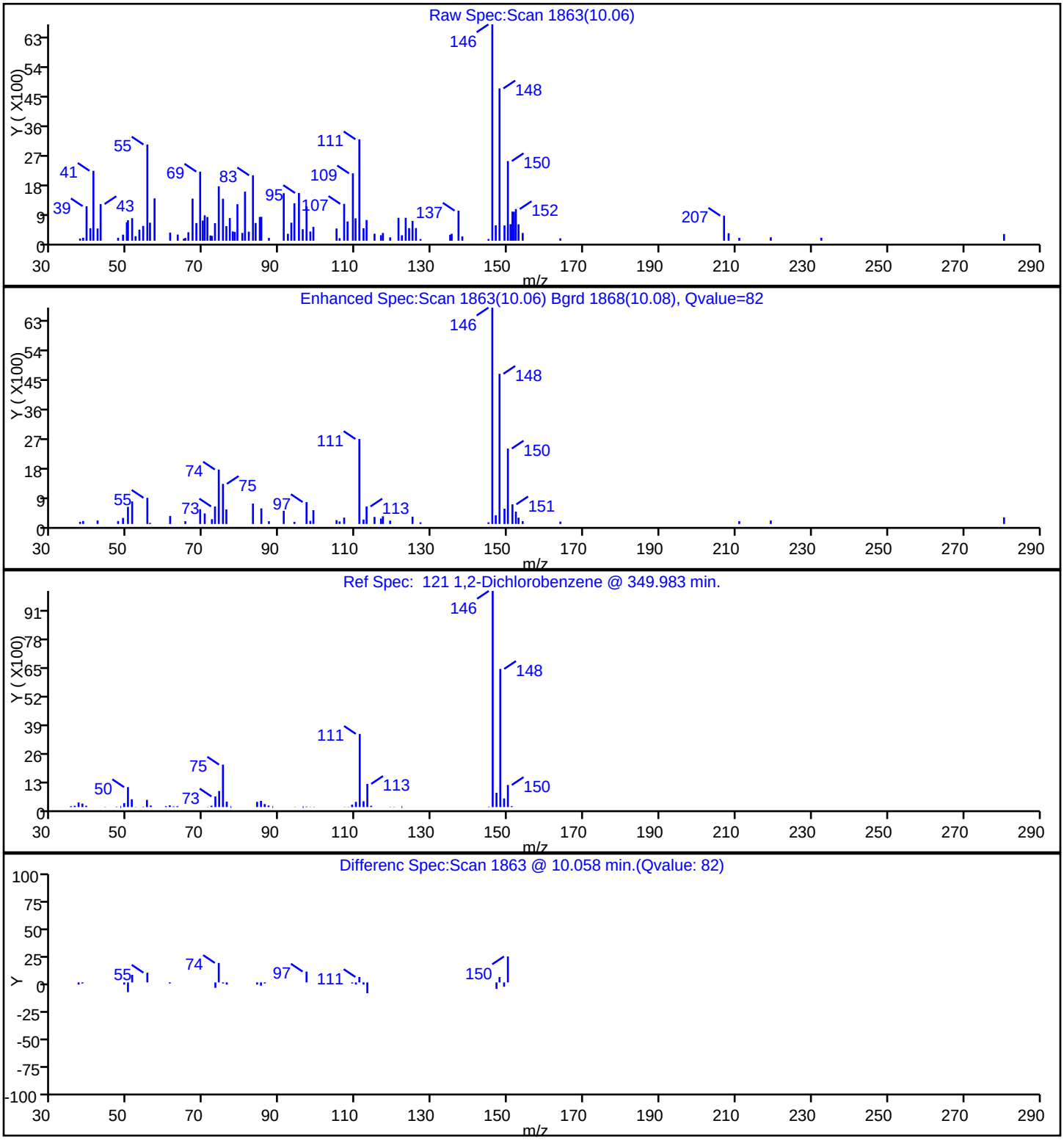
61 Trichloroethene



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D		
Injection Date:	21-Sep-2013 08:55:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

121 1,2-Dichlorobenzene



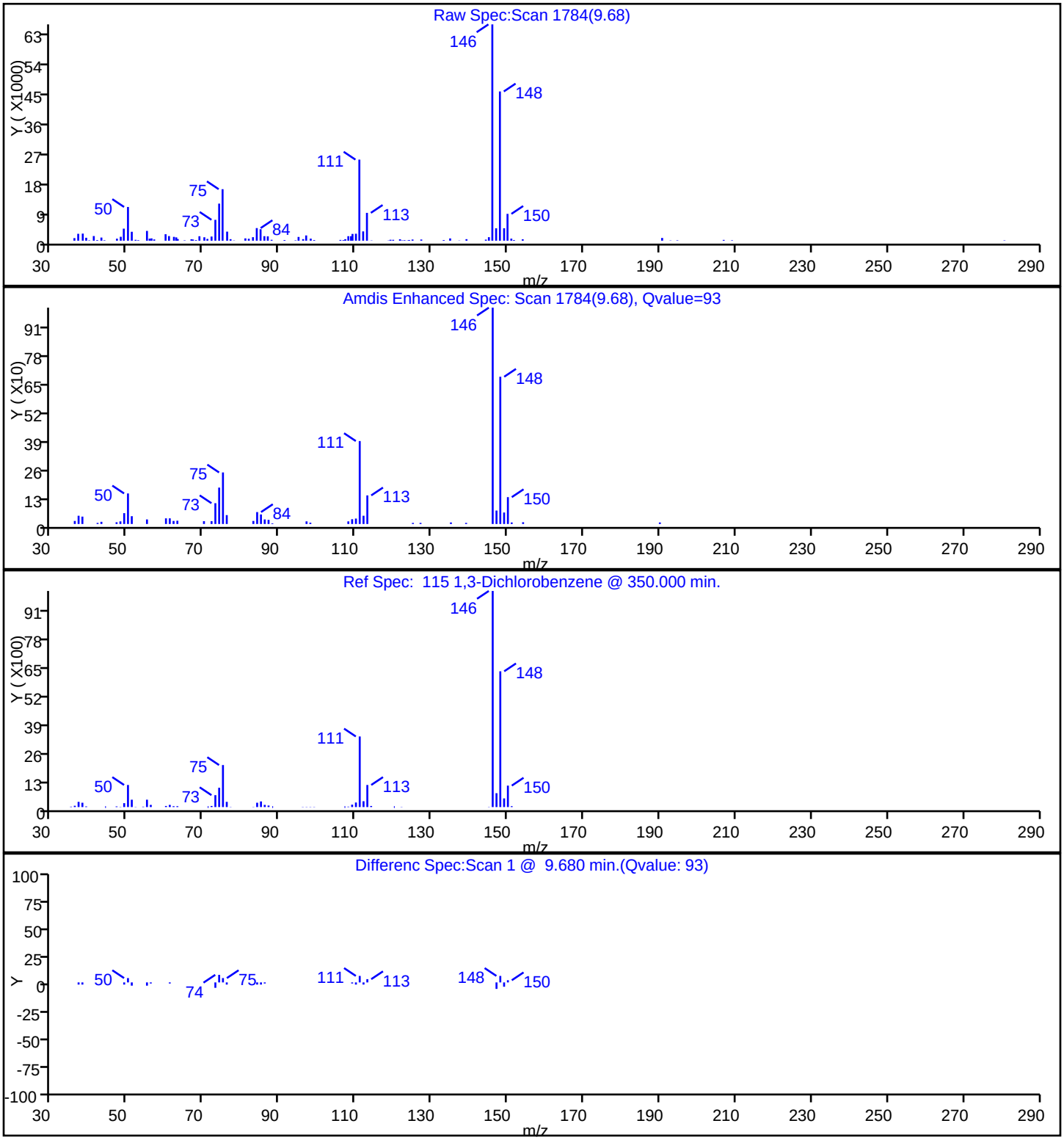
Report Date: 22-Sep-2013 11:35:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D

Injection Date:	21-Sep-2013 08:55:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

115 1,3-Dichlorobenzene



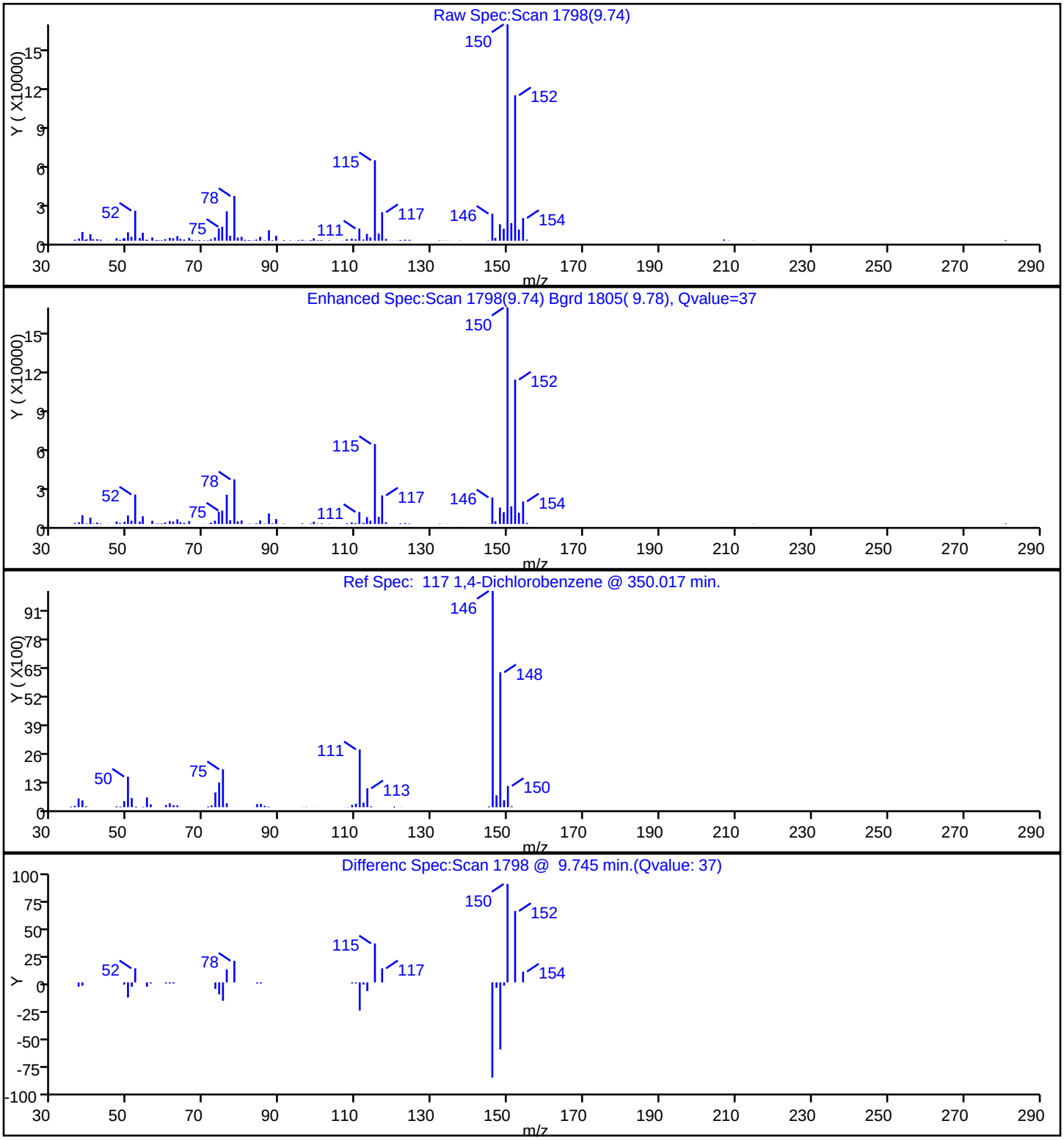
Report Date: 22-Sep-2013 11:35:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D

Injection Date:	21-Sep-2013 08:55:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



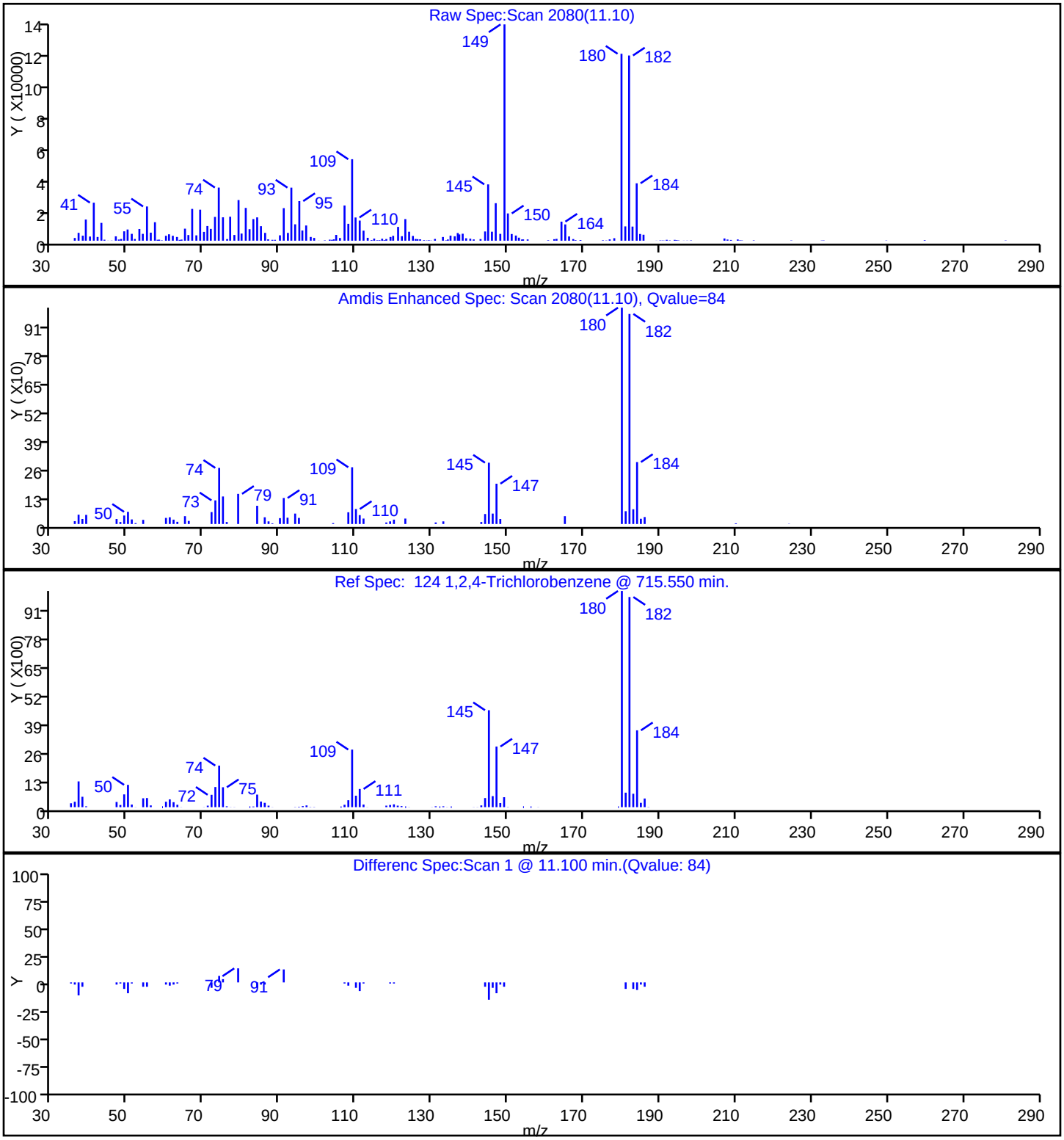
Report Date: 22-Sep-2013 11:35:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D

Injection Date:	21-Sep-2013 08:55:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



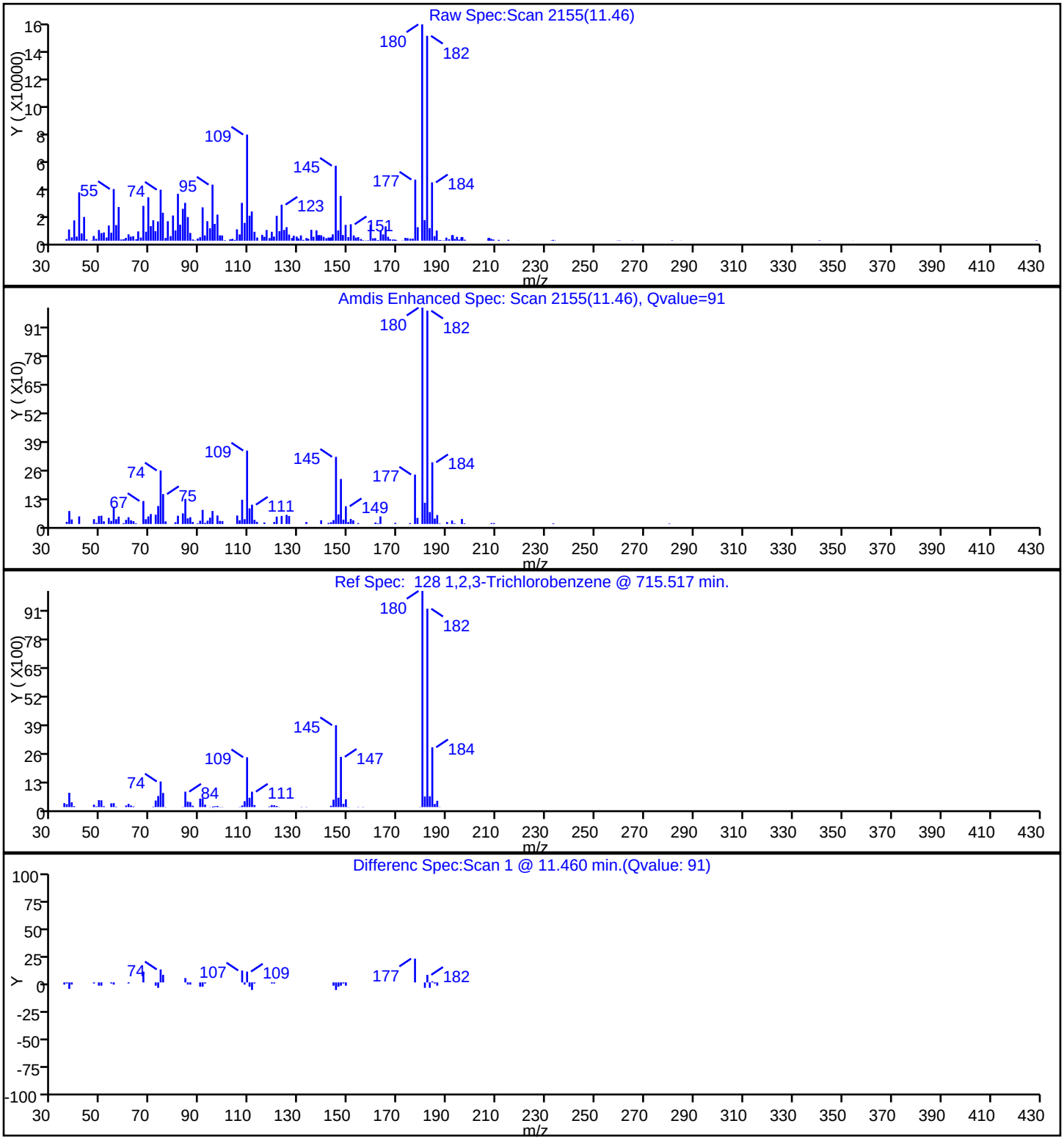
Report Date: 22-Sep-2013 11:35:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D

Injection Date:	21-Sep-2013 08:55:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

128 1,2,3-Trichlorobenzene



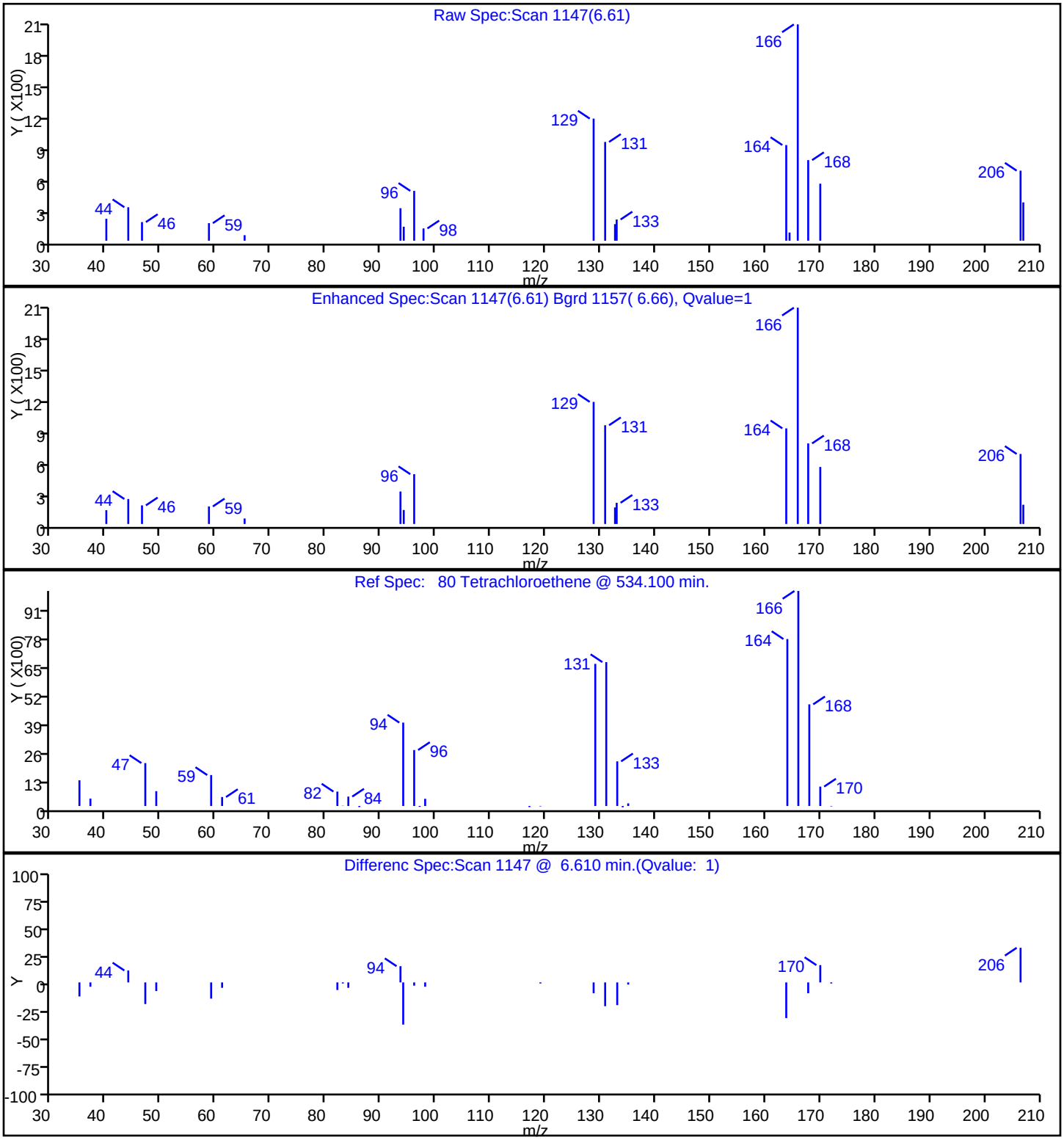
Report Date: 22-Sep-2013 11:35:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D

Injection Date:	21-Sep-2013 08:55:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene



Manual Integration/User Assign Peak Report

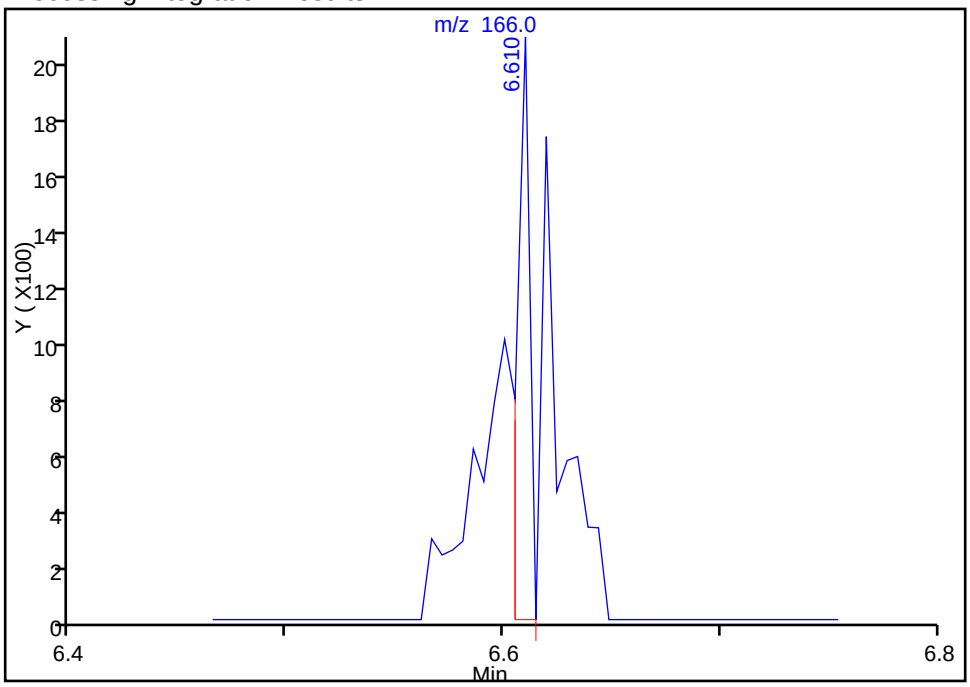
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D		
Injection Date:	21-Sep-2013 08:55:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene, Signal: 1, m/z: 166.0 Type: quant, RT: 6.61

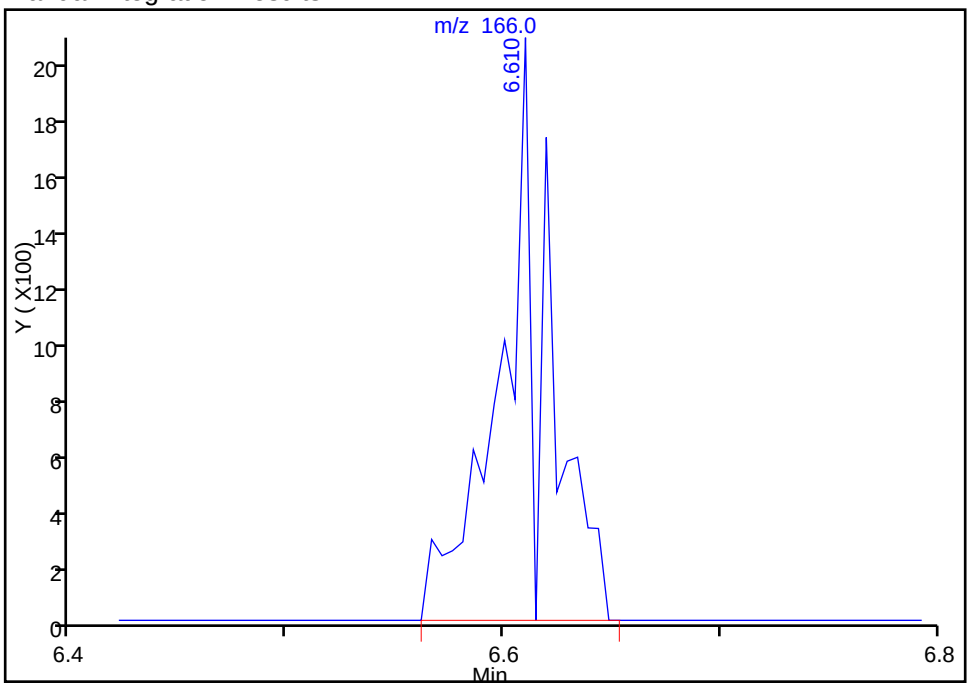
Processing Integration Results

RT: 6.61
Response: 801
Amount: 0.145605



Manual Integration Results

RT: 6.61
Response: 3011
Amount: 0.547336

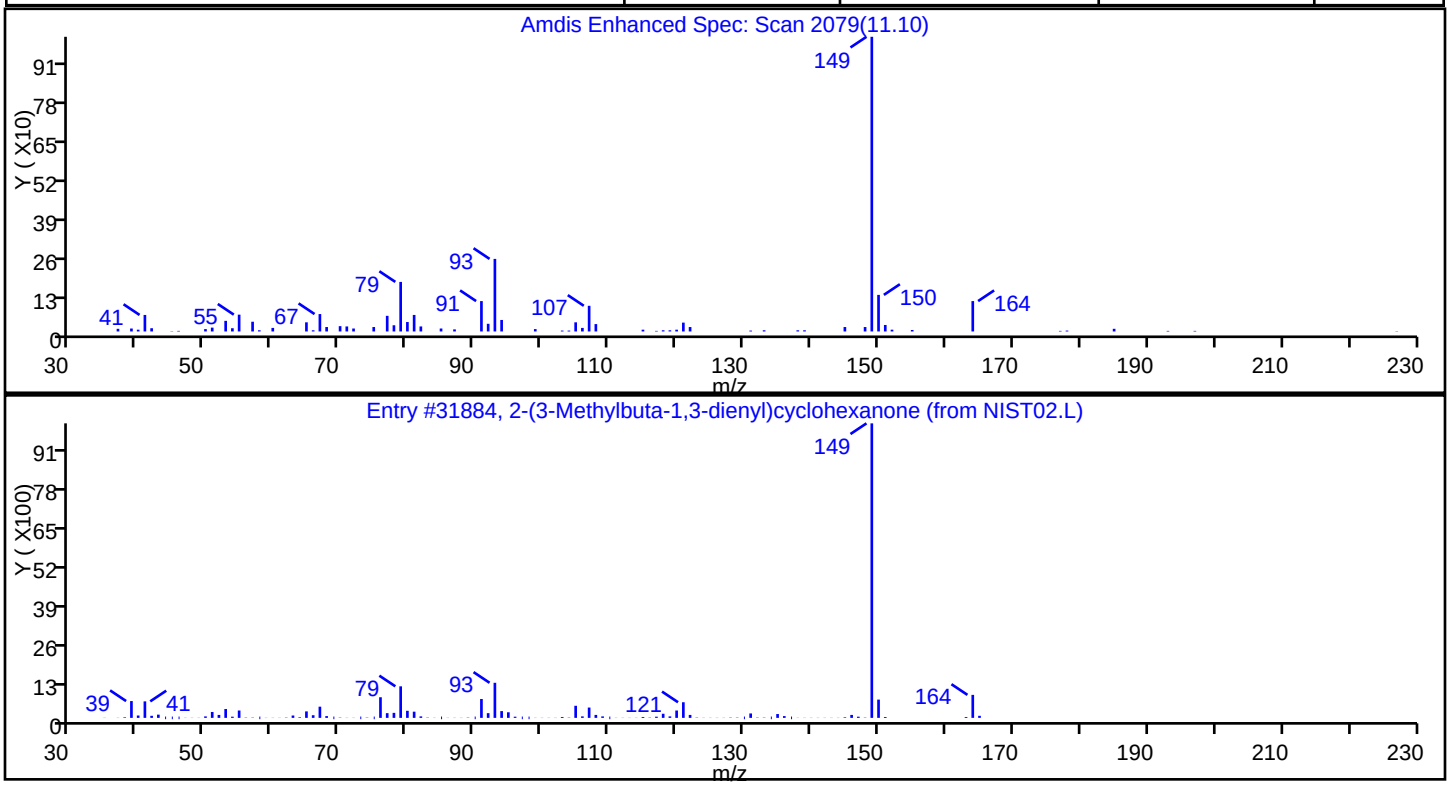


Reviewer: delpolitov, 22-Sep-2013 10:32:58
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D

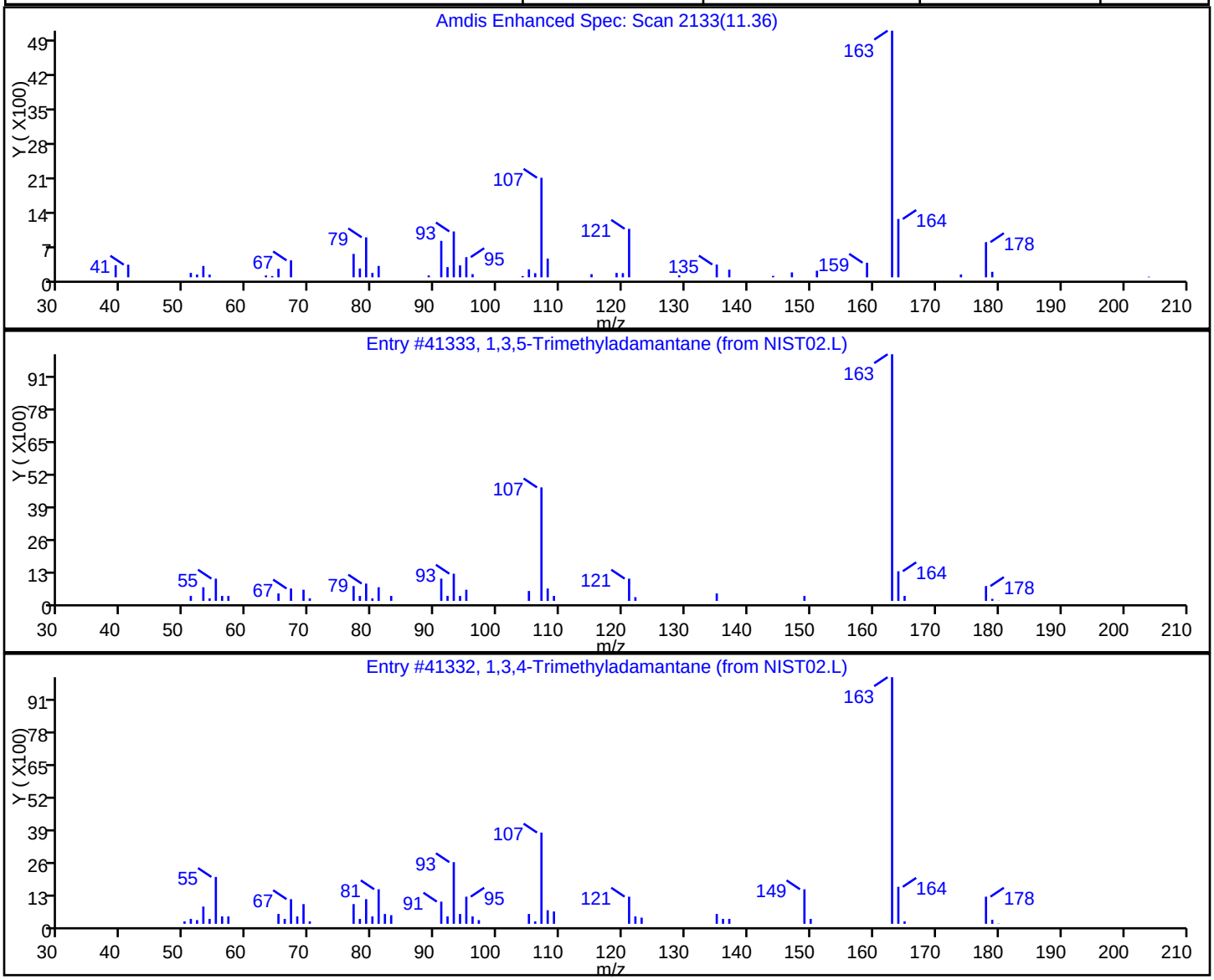
Injection Date:	21-Sep-2013 08:55:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
2-(3-Methylbuta-1,3-dienyl)cyclohexanone	1000191-75-5	NIST02.L	31884	72



Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D
Injection Date: 21-Sep-2013 08:55:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-2SE-VD Instrument ID: CVOAMS4
Lims Batch ID: 182467 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
1,3,5-Trimethyladamantane	707-35-7	NIST02.L	41333	86
1,3,4-Trimethyladamantane	1000214-98-3	NIST02.L	41332	72



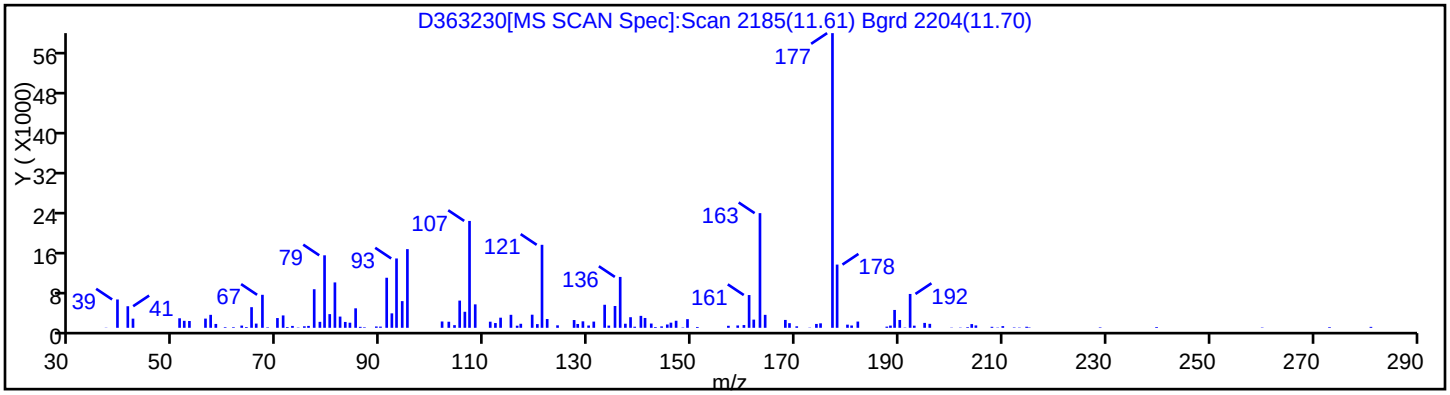
Report Date: 22-Sep-2013 11:35:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D

Injection Date:	21-Sep-2013 08:55:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

No Library Matches Found above the Threshold: 40

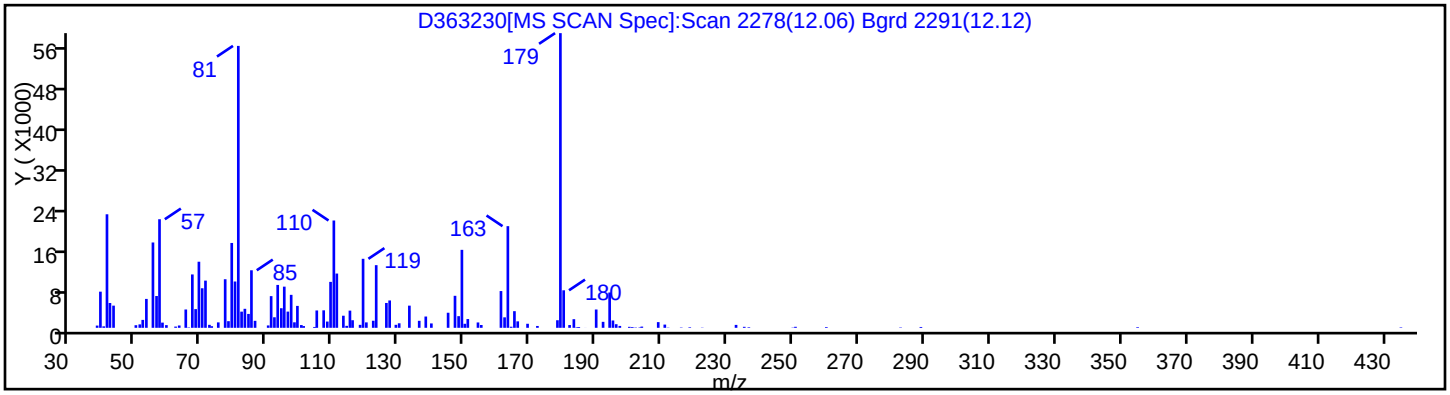


Report Date: 22-Sep-2013 11:35:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D		
Injection Date:	21-Sep-2013 08:55:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

No Library Matches Found above the Threshold: 40



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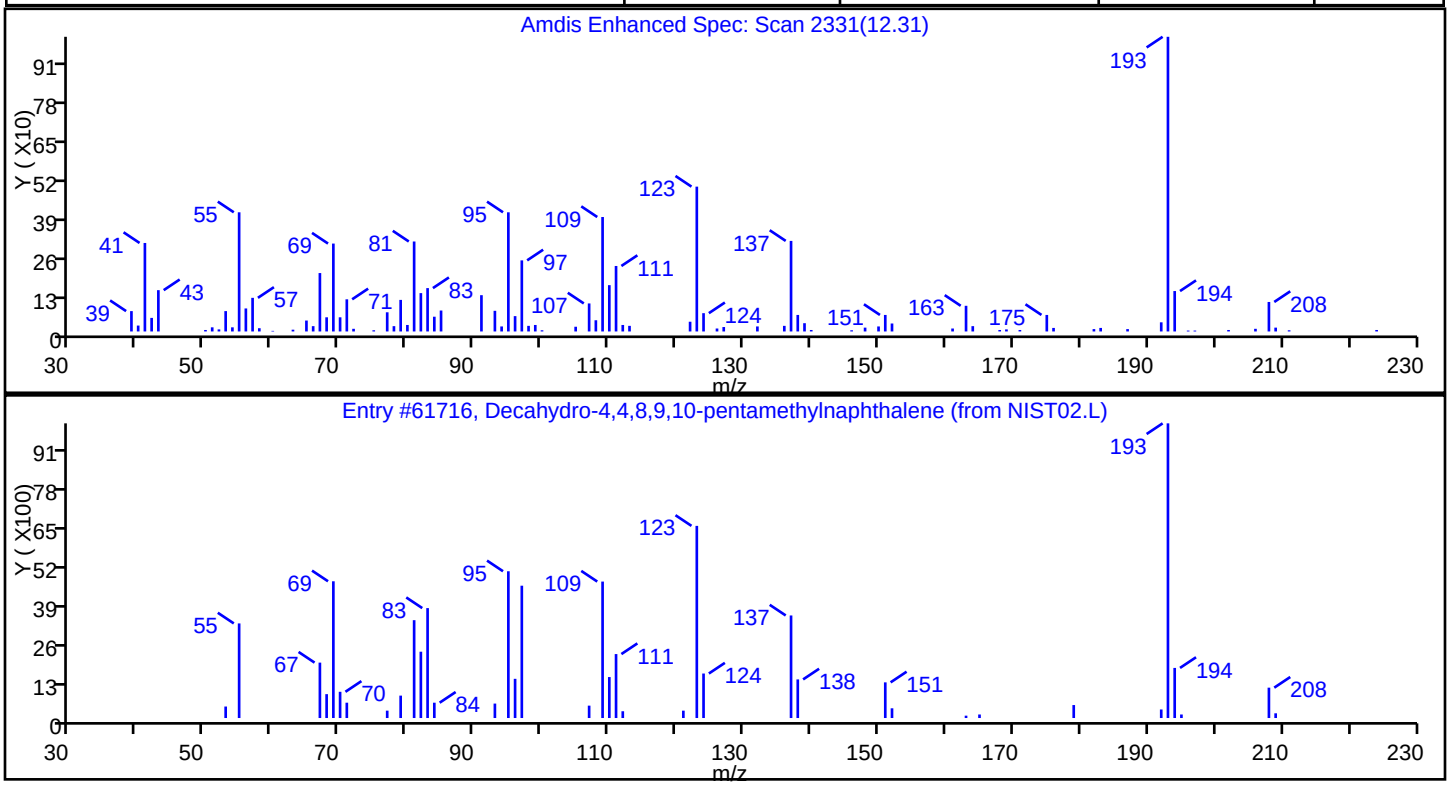
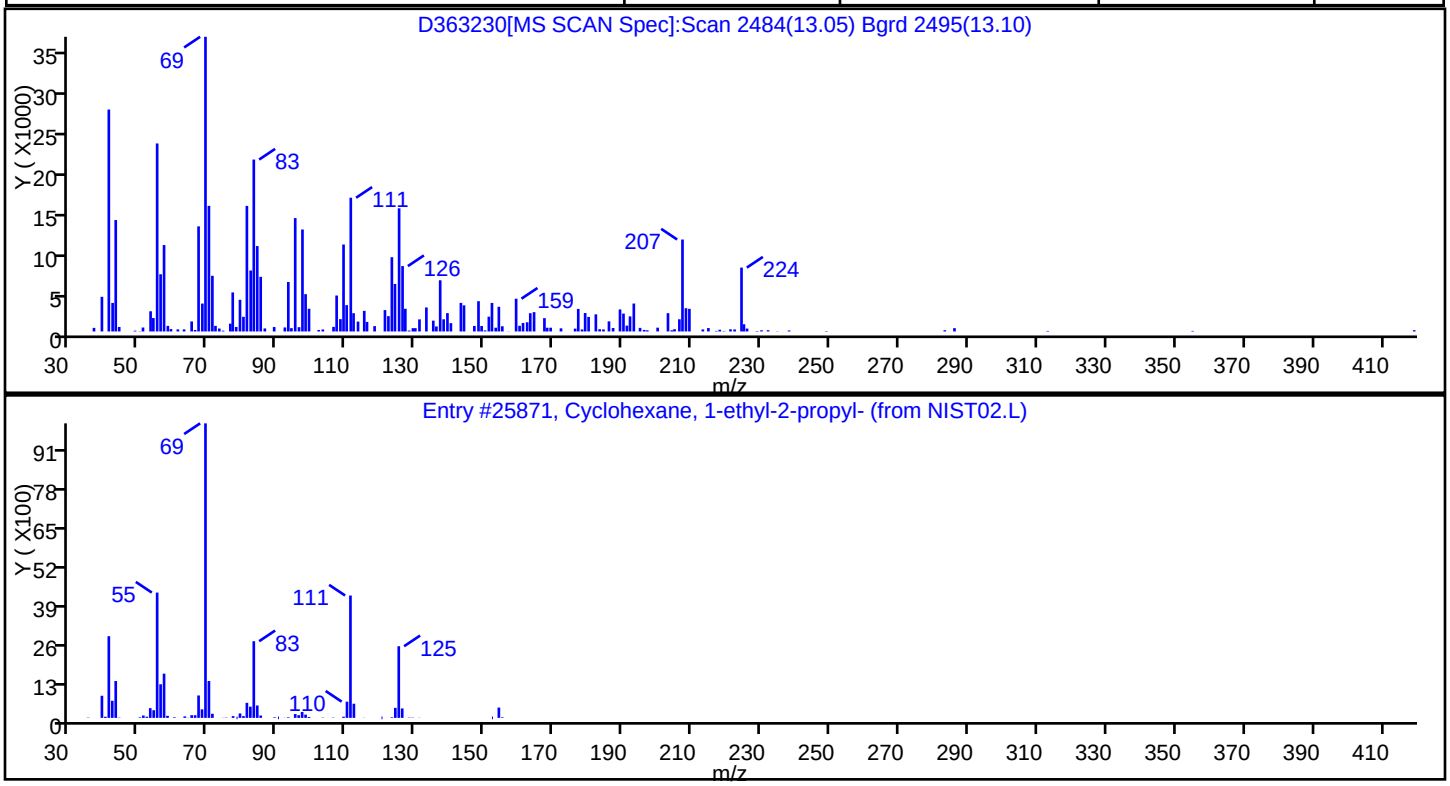
Injection Date:	21-Sep-2013 08:55:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	87



Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D
Injection Date: 21-Sep-2013 08:55:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-2SE-VD Instrument ID: CVOAMS4
Lims Batch ID: 182467 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
Cyclohexane, 1-ethyl-2-propyl-	62238-33-9	NIST02.L	25871	43

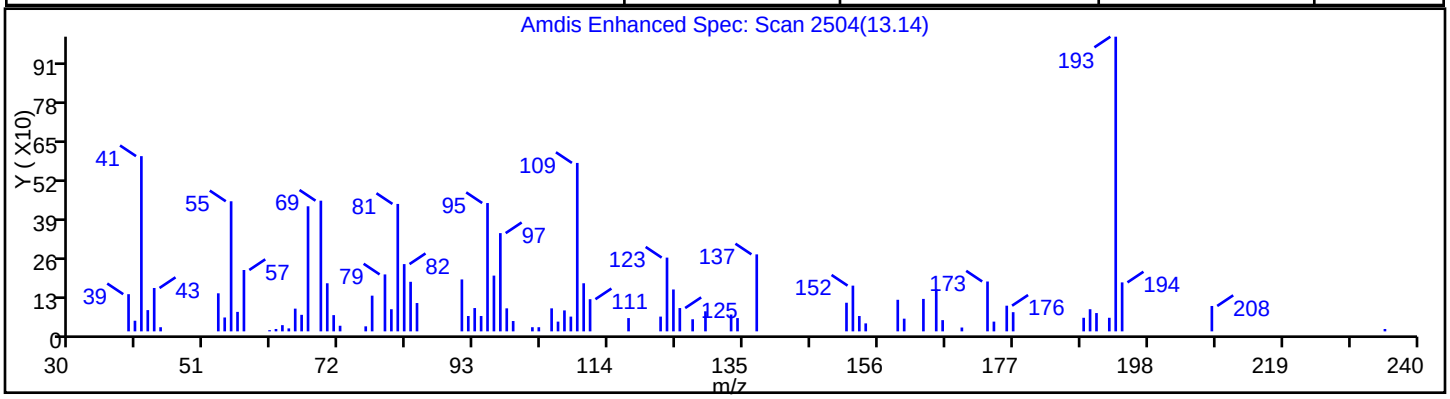


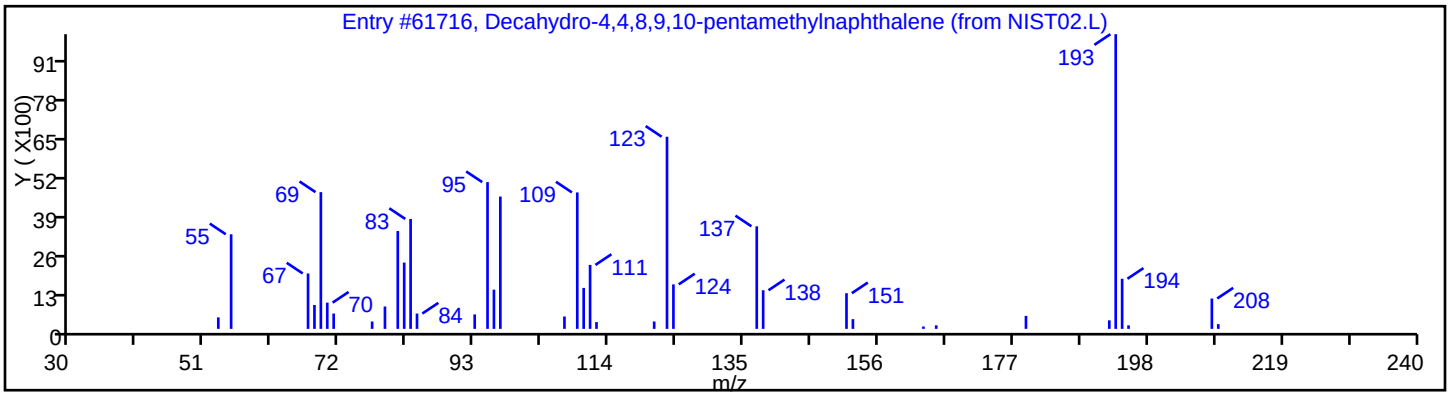
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D

Injection Date:	21-Sep-2013 08:55:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	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
Unknown		NIST02.L	0	0
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	70



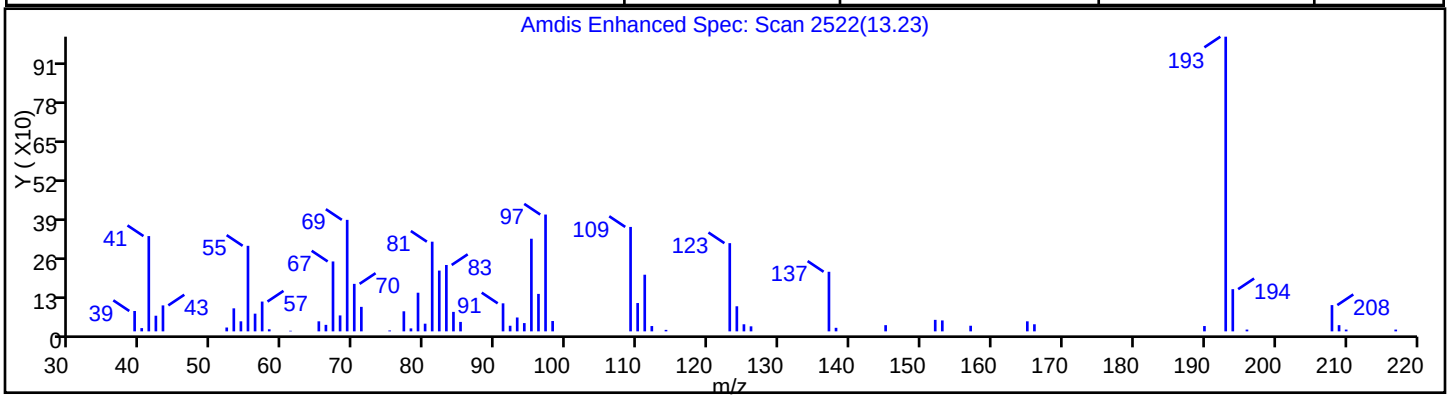


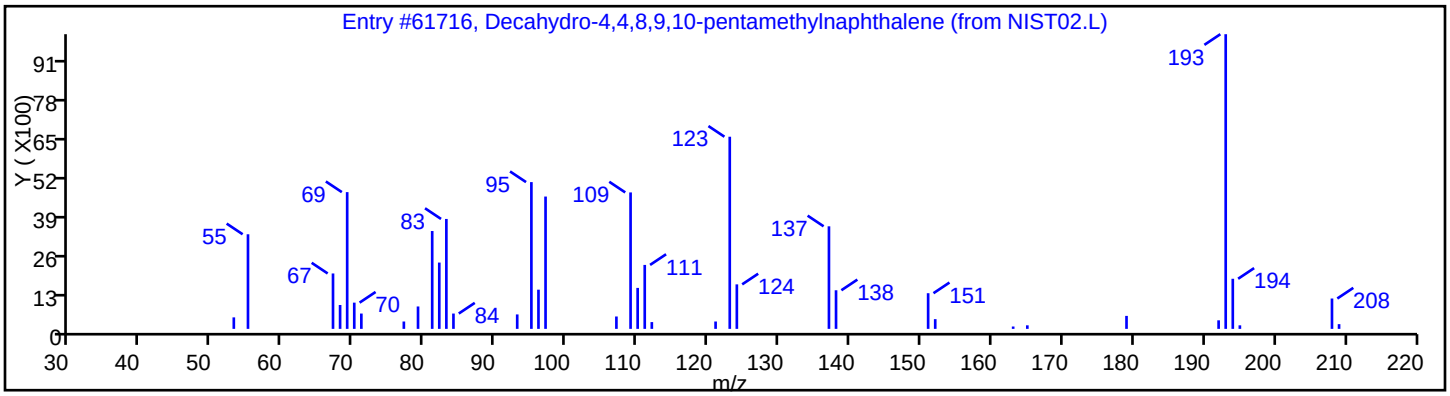
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D

Injection Date:	21-Sep-2013 08:55:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	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
Unknown		NIST02.L	0	0
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	87





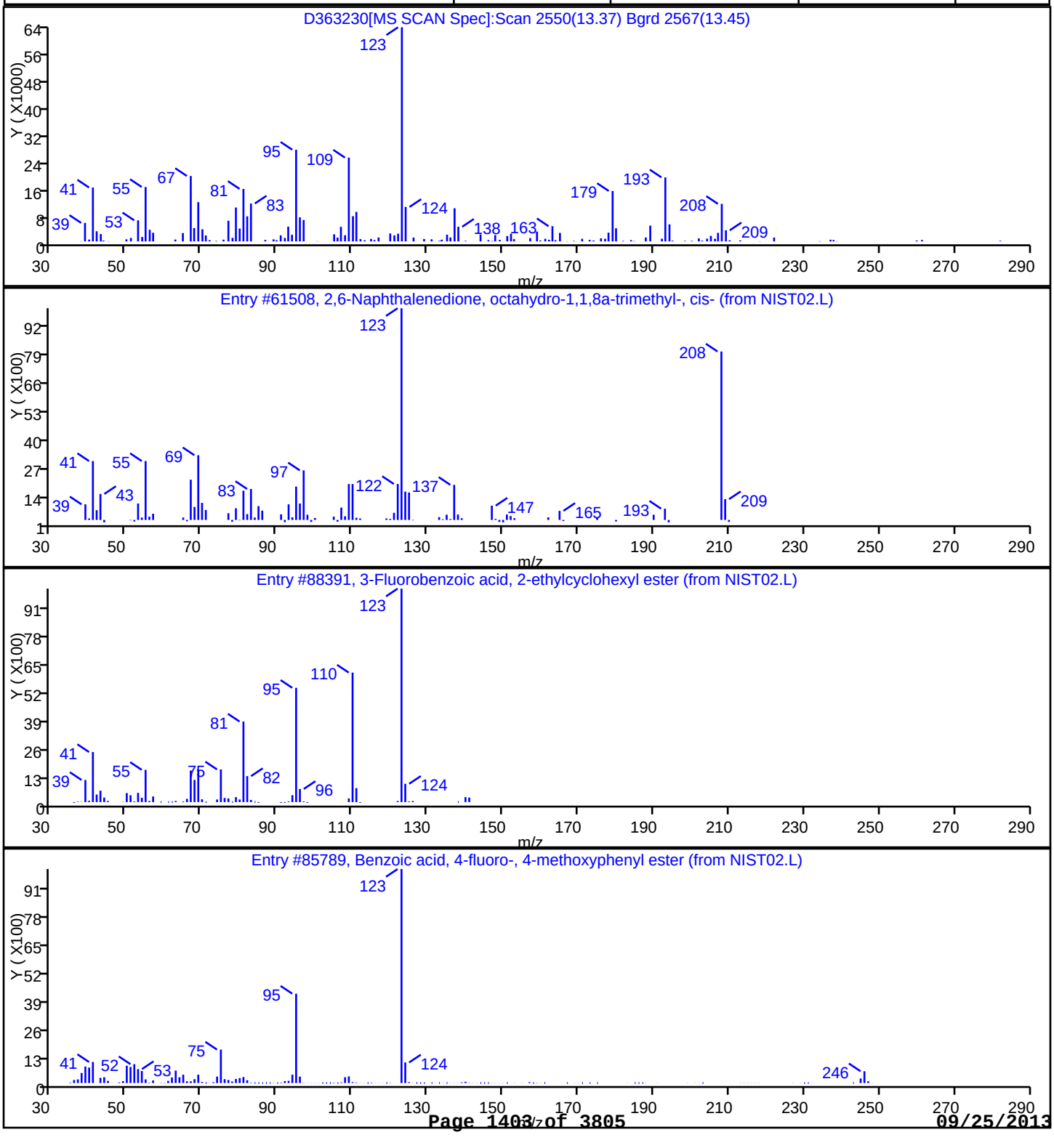
Report Date: 22-Sep-2013 11:35:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D

Injection Date:	21-Sep-2013 08:55:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	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
2,6-Naphthalenedione, octahydro-1,1,8a-t	57289-16-4	NIST02.L	61508	49
3-Fluorobenzoic acid, 2-ethylcyclohexyl	1000279-04-9	NIST02.L	88391	43
Benzoic acid, 4-fluoro-, 4-methoxyphenyl	80079-00-1	NIST02.L	85789	43



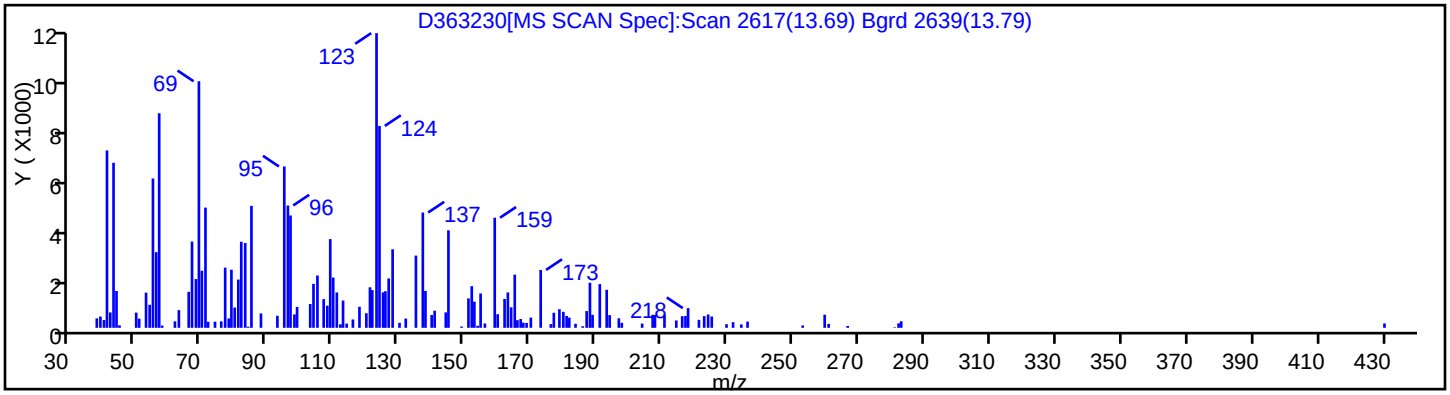
Report Date: 22-Sep-2013 11:35:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363230.D

Injection Date:	21-Sep-2013 08:55:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	15
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

No Library Matches Found above the Threshold: 40



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-WT | Lab Sample ID: 460-62968-32

Matrix: Solid | Lab File ID: B60708.D

Analysis Method: 8260B | Date Collected: 09/12/2013 15:50

Sample wt/vol: 6.525(g) | Date Analyzed: 09/20/2013 03:24

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.: 182277 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	7.9	U	81	7.9
74-83-9	Bromomethane	15	U	81	15
75-01-4	Vinyl chloride	12	U	81	12
75-00-3	Chloroethane	14	U	81	14
75-09-2	Methylene Chloride	15	U	81	15
67-64-1	Acetone	220	U	410	220
75-15-0	Carbon disulfide	10	U	81	10
75-69-4	Trichlorofluoromethane	12	U	81	12
75-35-4	1,1-Dichloroethene	7.2	U	81	7.2
75-34-3	1,1-Dichloroethane	11	U	81	11
156-60-5	trans-1,2-Dichloroethene	10	U	81	10
156-59-2	cis-1,2-Dichloroethene	14	U	81	14
67-66-3	Chloroform	21	J	81	6.4
78-93-3	2-Butanone	190	U	410	190
107-06-2	1,2-Dichloroethane	15	U	81	15
71-55-6	1,1,1-Trichloroethane	5.0	U	81	5.0
56-23-5	Carbon tetrachloride	4.6	U	81	4.6
71-43-2	Benzene	6.7	U	81	6.7
75-25-2	Bromoform	16	U	81	16
100-42-5	Styrene	9.6	U	81	9.6
100-41-4	Ethylbenzene	7.8	U	81	7.8
108-90-7	Chlorobenzene	8.9	U	81	8.9
110-82-7	Cyclohexane	13	U	81	13
98-82-8	Isopropylbenzene	6.2	U	81	6.2
591-78-6	2-Hexanone	41	U	410	41
1634-04-4	MTBE	11	U	81	11
76-13-1	Freon TF	6.7	U	81	6.7
79-20-9	Methyl acetate	27	U	410	27
123-91-1	1,4-Dioxane	2900	U	4100	2900
79-01-6	Trichloroethene	7.5	U	81	7.5
108-88-3	Toluene	12	U	81	12
10061-02-6	trans-1,3-Dichloropropene	20	U	81	20
108-10-1	4-Methyl-2-pentanone	80	U	410	80
10061-01-5	cis-1,3-Dichloropropene	15	U	81	15
95-50-1	1,2-Dichlorobenzene	3100		81	17
541-73-1	1,3-Dichlorobenzene	2100		81	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-WT | Lab Sample ID: 460-62968-32

Matrix: Solid | Lab File ID: B60708.D

Analysis Method: 8260B | Date Collected: 09/12/2013 15:50

Sample wt/vol: 6.525(g) | Date Analyzed: 09/20/2013 03:24

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.: 182277 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	10000		81	19
120-82-1	1,2,4-Trichlorobenzene	4600		81	28
87-61-6	1,2,3-Trichlorobenzene	5600		81	42
78-87-5	1,2-Dichloropropane	7.0	U	81	7.0
108-87-2	Methylcyclohexane	11	U	81	11
127-18-4	Tetrachloroethene	7.9	U	81	7.9
1330-20-7	Xylenes, Total	29	U	240	29
96-12-8	1,2-Dibromo-3-Chloropropane	32	U	81	32
79-34-5	1,1,2,2-Tetrachloroethane	13	U	81	13
79-00-5	1,1,2-Trichloroethane	15	U	81	15
124-48-1	Dibromochloromethane	16	U	81	16
106-93-4	1,2-Dibromoethane	22	U	81	22
75-71-8	Dichlorodifluoromethane	17	U	81	17
74-97-5	Bromochloromethane	22	U	81	22
75-27-4	Bromodichloromethane	10	U	81	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		75-135
2037-26-5	Toluene-d8 (Surr)	83		59-150
460-00-4	Bromofluorobenzene	90		72-133
1868-53-7	Dibromofluoromethane (Surr)	88		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-WT | Lab Sample ID: 460-62968-32

Matrix: Solid | Lab File ID: B60708.D

Analysis Method: 8260B | Date Collected: 09/12/2013 15:50

Sample wt/vol: 6.525(g) | Date Analyzed: 09/20/2013 03:24

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.: 182277 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 34700

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	9.55	3200	J
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	11.05	4500	J N
99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-	11.30	2700	J N
1587-04-8	Benzene, 1-methyl-2-(2-propenyl)-	11.46	2700	J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	11.55	2300	J N
76089-59-3	1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	11.71	3900	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.77	2700	J N
874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	12.03	5300	J N
1758-85-6	Benzene, 2,4-diethyl-1-methyl-	12.33	3600	J N
97664-18-1	Benzene, 1-methyl-4-(1-methyl-2-propenyl	12.41	3800	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60708.D		
Lims ID:	460-62968-A-32-A	Client ID:	PMP-2SE-WT
Inject. Date:	20-Sep-2013 03:24:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62968-A-32-A		
Misc. Info.:	460-0004826-013		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	12
Lims Batch ID:	182277	Lims Sample ID:	13
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 10:38:58

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	56	320380	1000.0	
47 Chloroform	83	4.319	4.311	0.008	79	1850	0.2619	
$ 57 Dibromofluoromethane (Surr)	113	4.492	4.492	0.0	98	178893	43.8	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.887	0.0	96	289866	47.8	
* 58 Fluorobenzene	96	5.208	5.216	-0.008	96	654323	50.0	
* 65 1,4-Dioxane-d8	96	6.072	6.081	-0.009	86	32276	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.208	7.208	0.0	97	565876	41.3	
* 87 Chlorobenzene-d5	117	8.772	8.772	0.0	89	548468	50.0	
92 o-Xylene	106	9.364	9.364	0.0	68	1532	0.2451	
$ 97 4-Bromofluorobenzene	174	9.858	9.858	0.0	89	242798	45.0	
113 1,3-Dichlorobenzene	146	10.755	10.755	0.0	91	227238	25.5	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	96	330804	50.0	
116 1,4-Dichlorobenzene	146	10.837	10.837	0.0	92	1186242	123.2	
122 1,2-Dichlorobenzene	146	11.134	11.134	0.0	92	355469	38.3	
127 1,2,4-Trichlorobenzene	180	12.368	12.368	0.0	83	275611	56.2	
131 1,2,3-Trichlorobenzene	180	12.788	12.788	0.0	82	240731	68.8	
S 134 Xylenes, Total	100				0		0.2451	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60708.D		
Lims ID:	460-62968-A-32-A	Client ID:	PMP-2SE-WT
Inject. Date:	20-Sep-2013 03:24:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62968-A-32-A		
Misc. Info.:	460-0004826-013		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	12
Lims Batch ID:	182277	Lims Sample ID:	13
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 10:38:58

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
	Unknown					
9.545	1464947	39.2	87			
	1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-				
11.051	14982001	55.3	115	95	14381	
	99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-				
11.298	8983782	33.2	115	94	14401	
	1587-04-8	Benzene, 1-methyl-2-(2-propenyl)-				
11.455	9003423	33.3	115	83	13621	
	2050-24-0	Benzene, 1,3-diethyl-5-methyl-				
11.545	7623099	28.2	115	97	21830	
	76089-59-3	1,3-Cyclopentadiene, 1,2,3,4-tetramethyl				
11.710	13008422	48.1	115	95	14434	
	1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-				
11.767	8914412	32.9	115	80	21844	
	874-41-9	Benzene, 1-ethyl-2,4-dimethyl-				
12.031	17797361	65.7	115	86	14380	I
	1758-85-6	Benzene, 2,4-diethyl-1-methyl-				
12.327	12028937	44.4	115	86	21820	
	97664-18-1	Benzene, 1-methyl-4-(1-methyl-2-propenyl				
12.409	12623193	46.6	115	87	20775	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 87 Chlorobenzene-d5	8.772	1868993	50.0
* 115 1,4-Dichlorobenzene-d4	10.837	13534938	50.0

QC Flag Legend

Processing Flags

Review Flags
l - User Selected Library Match

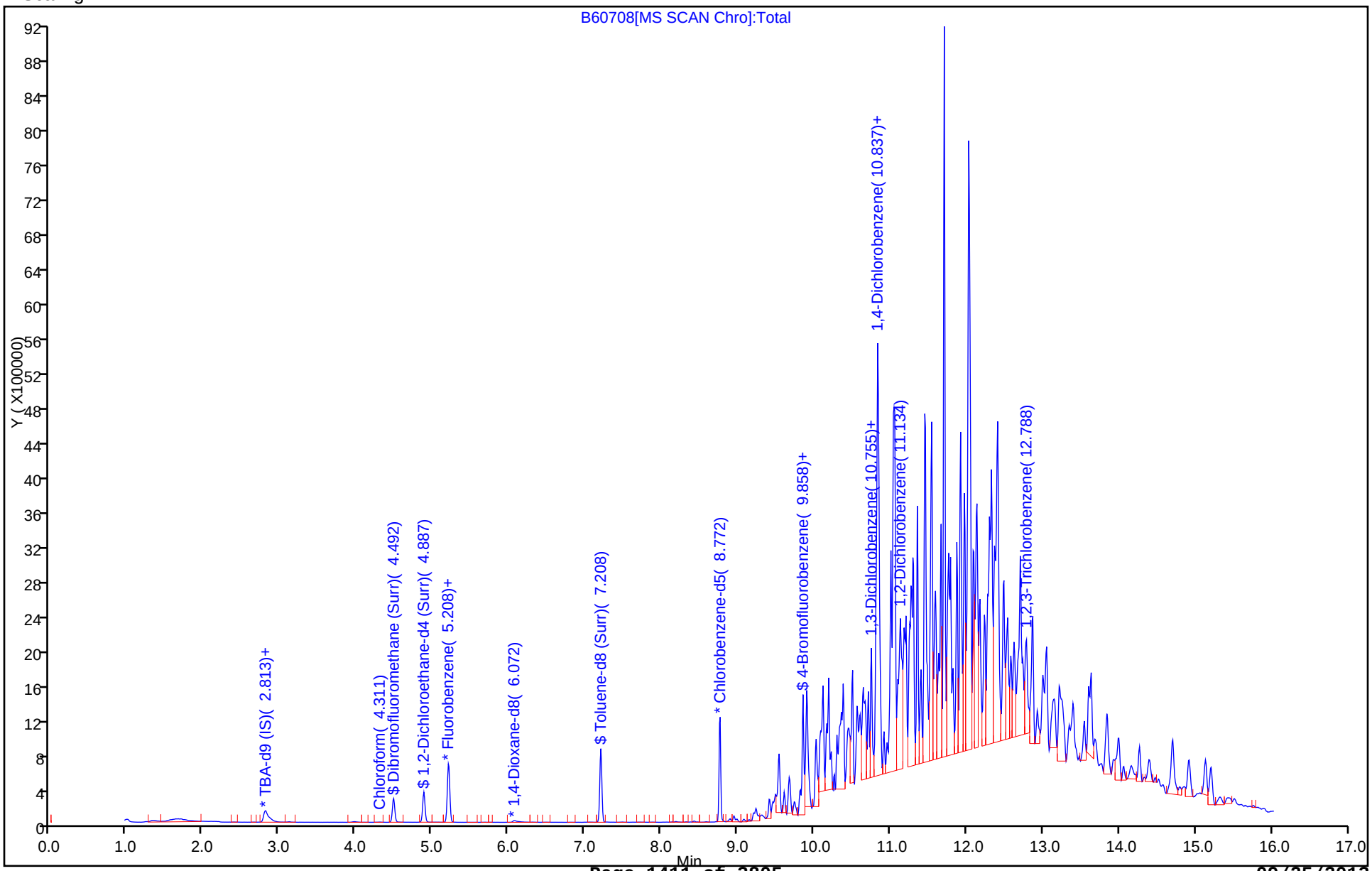
Report Date: 20-Sep-2013 11:00:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60708.D

Injection Date:	20-Sep-2013 03:24:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	13
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

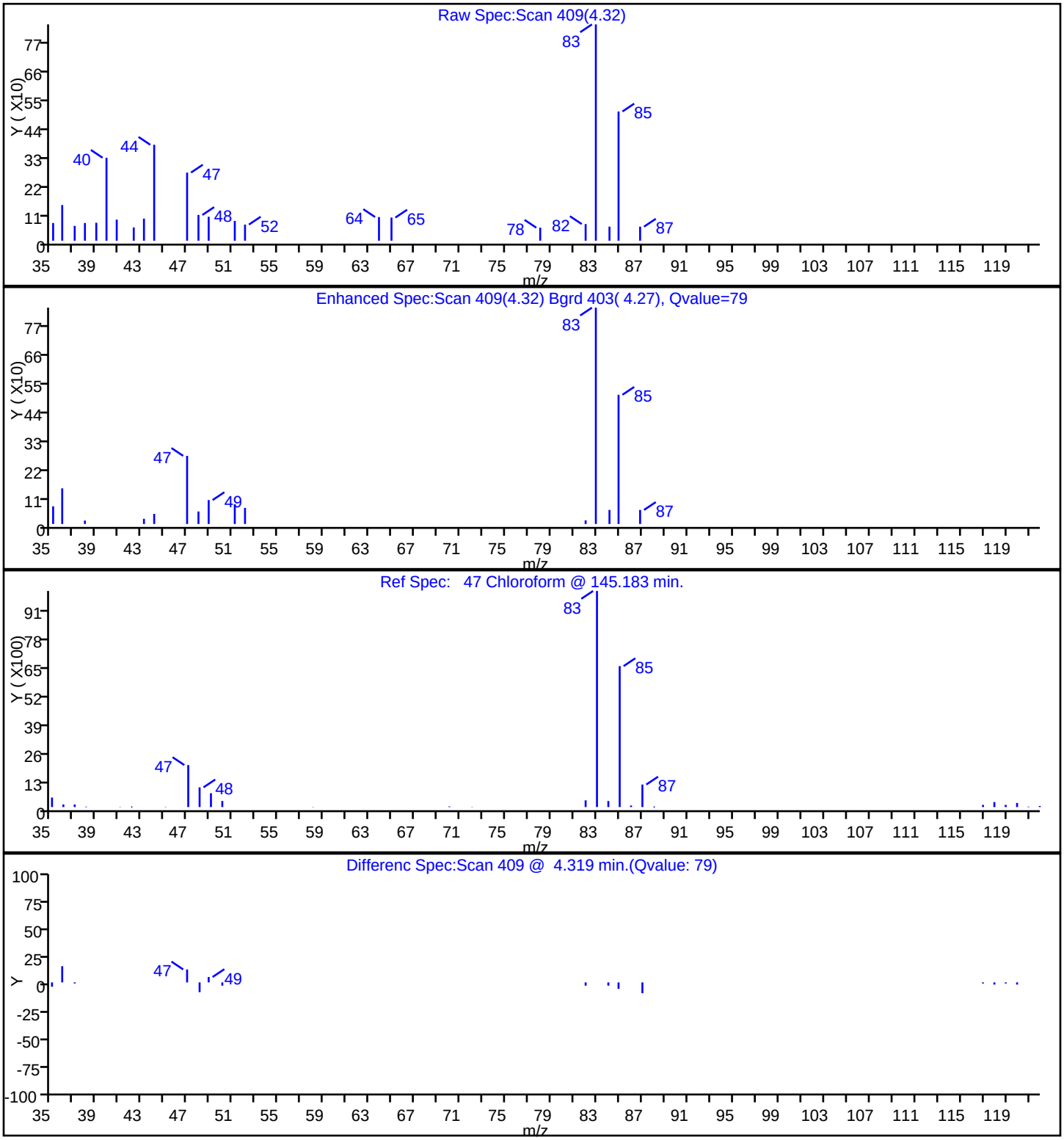
Y Scaling:



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60708.D		
Injection Date:	20-Sep-2013 03:24:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	13
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



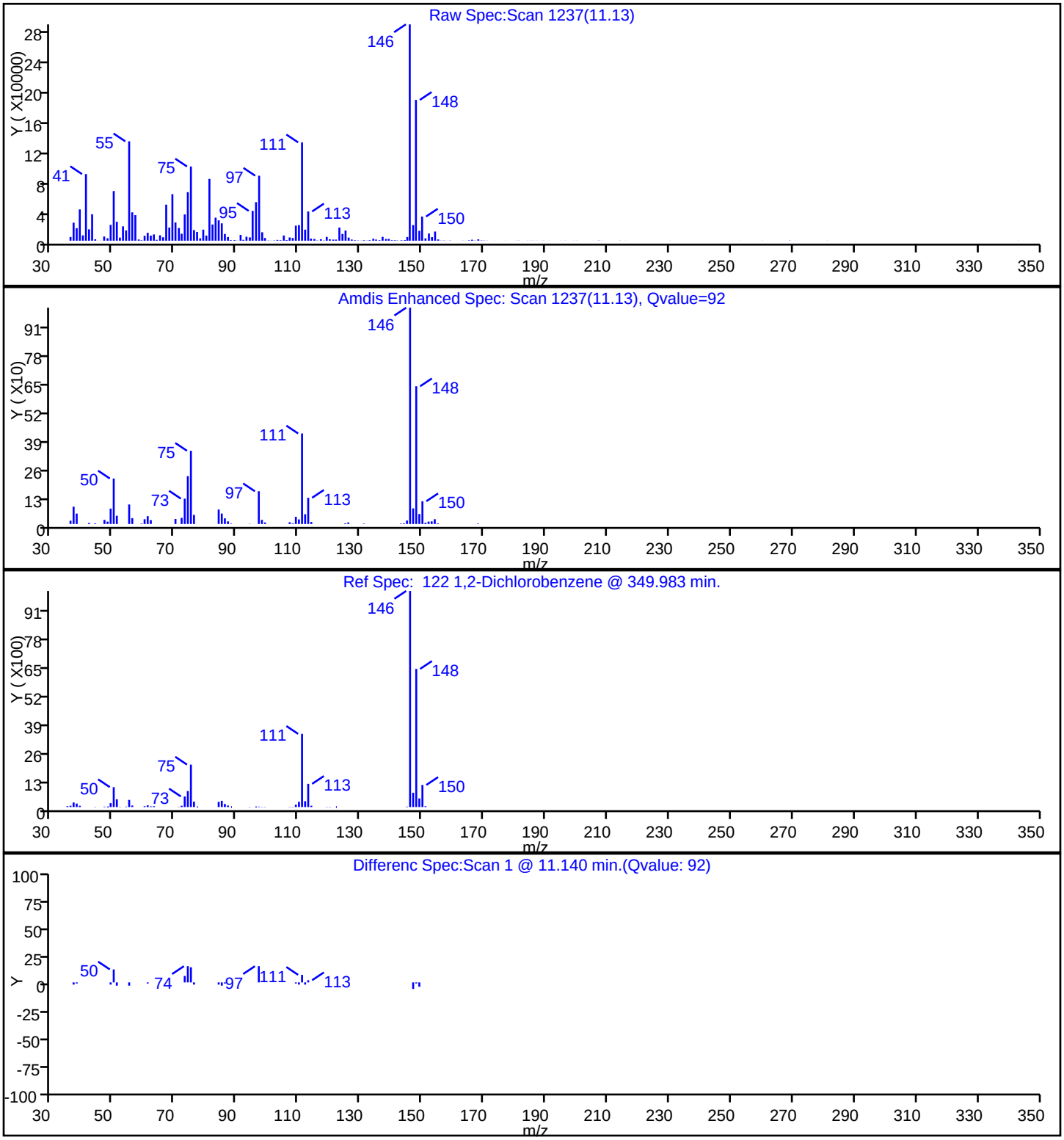
Report Date: 20-Sep-2013 11:00:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60708.D

Injection Date:	20-Sep-2013 03:24:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	13
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

122 1,2-Dichlorobenzene



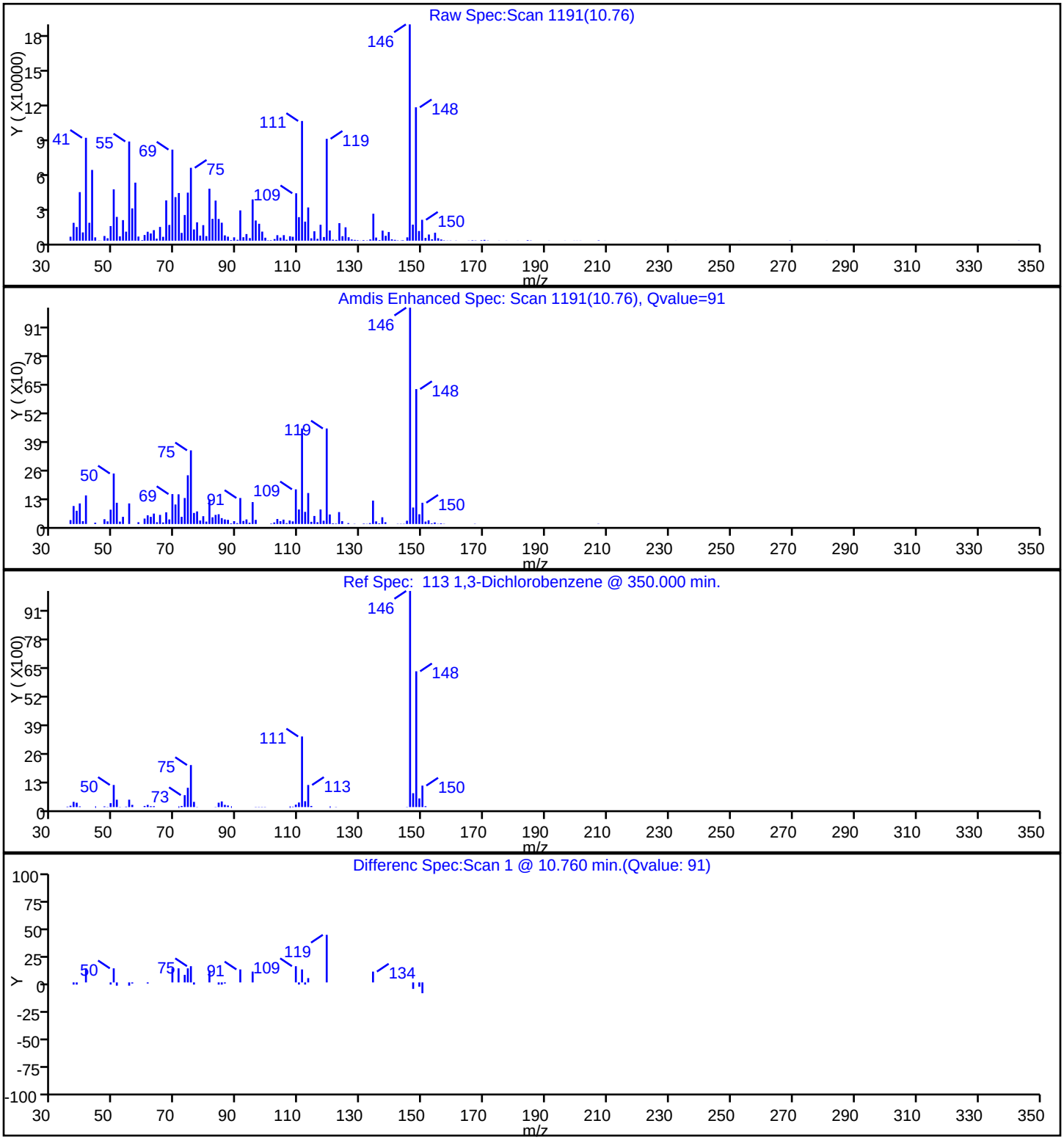
Report Date: 20-Sep-2013 11:00:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60708.D

Injection Date:	20-Sep-2013 03:24:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	13
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

113 1,3-Dichlorobenzene



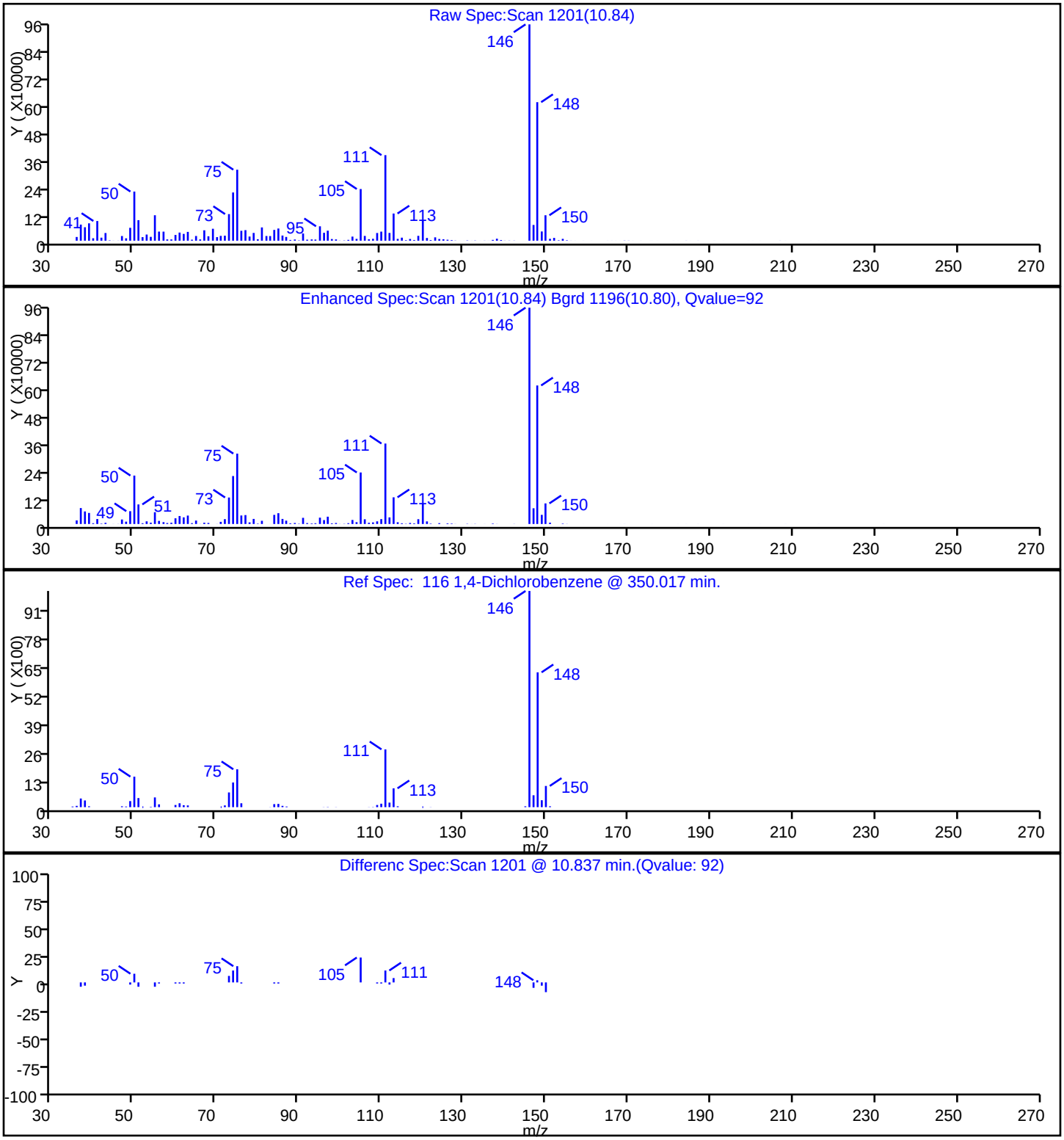
Report Date: 20-Sep-2013 11:00:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60708.D

Injection Date:	20-Sep-2013 03:24:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	13
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

116 1,4-Dichlorobenzene



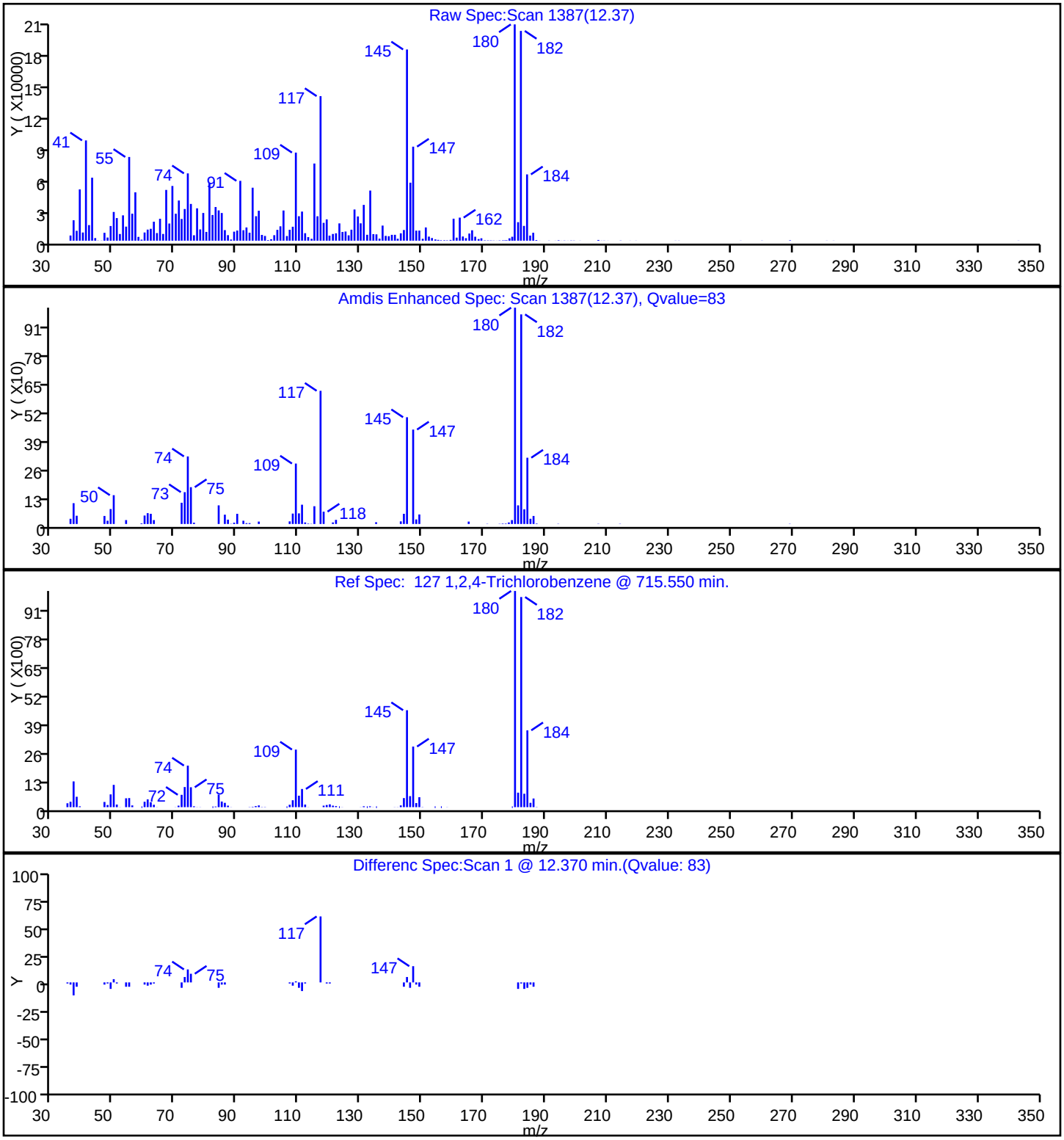
Report Date: 20-Sep-2013 11:00:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60708.D

Injection Date:	20-Sep-2013 03:24:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	13
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

127 1,2,4-Trichlorobenzene



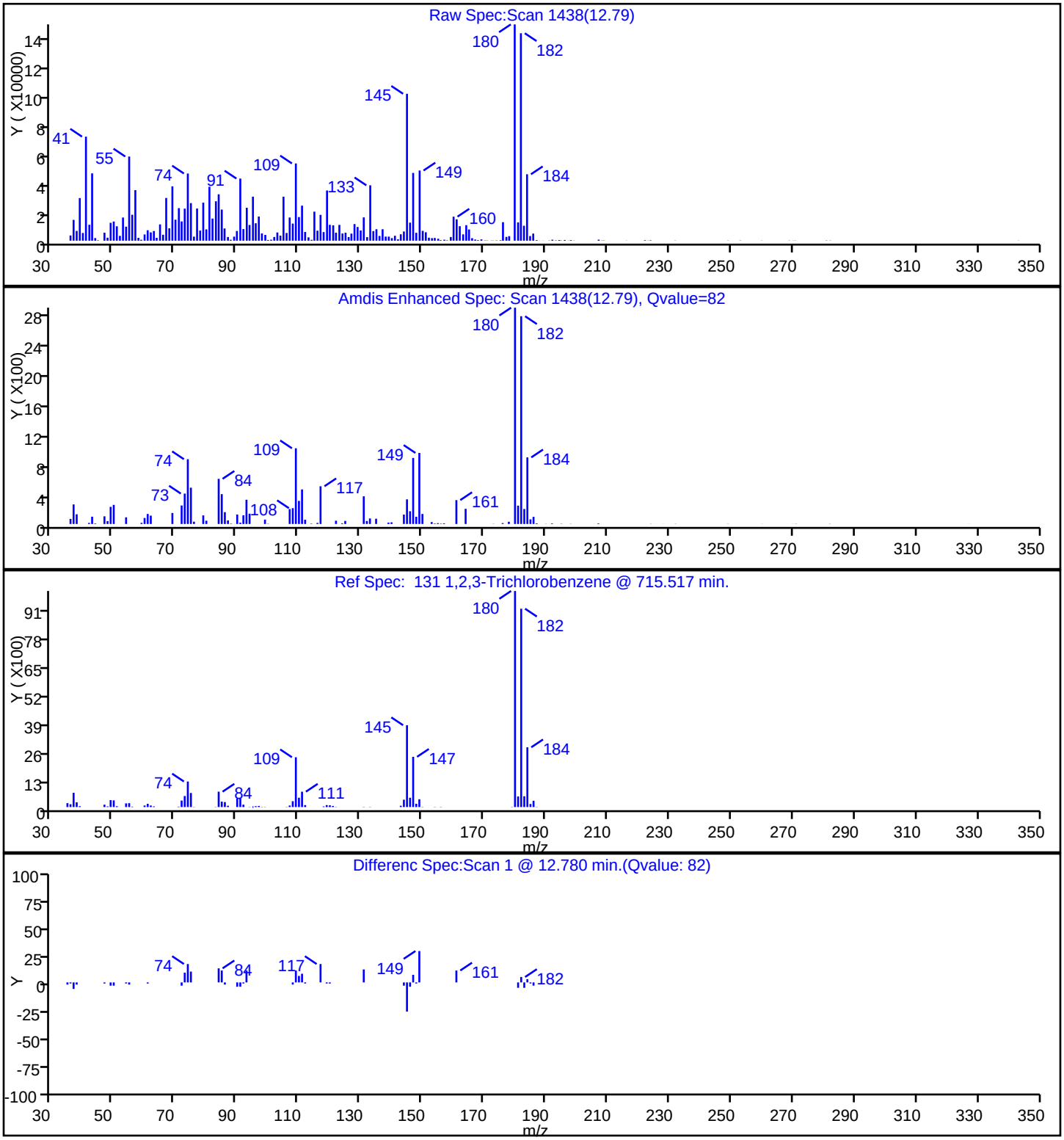
Report Date: 20-Sep-2013 11:00:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60708.D

Injection Date:	20-Sep-2013 03:24:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	13
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

131 1,2,3-Trichlorobenzene

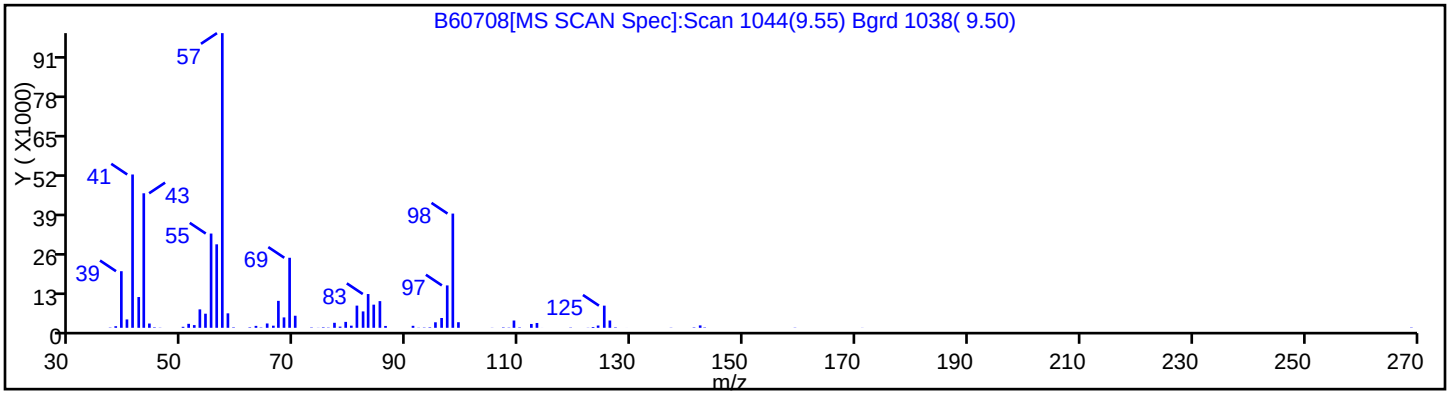


Report Date: 20-Sep-2013 11:00:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60708.D		
Injection Date:	20-Sep-2013 03:24:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	13
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

No Library Matches Found above the Threshold: 80



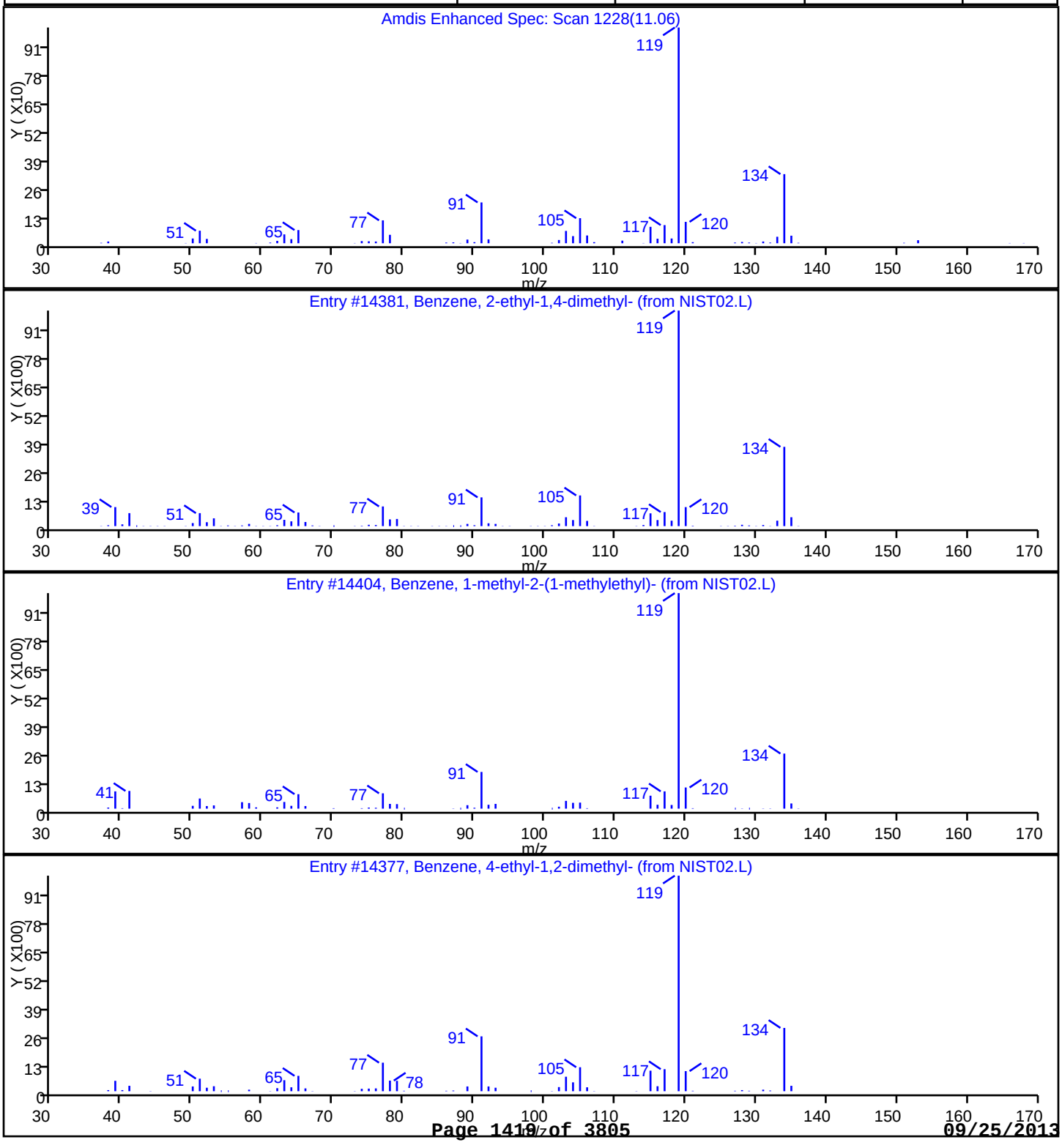
Report Date: 20-Sep-2013 11:00:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60708.D

Injection Date:	20-Sep-2013 03:24:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	13
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	14381	95
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14404	95
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14377	95



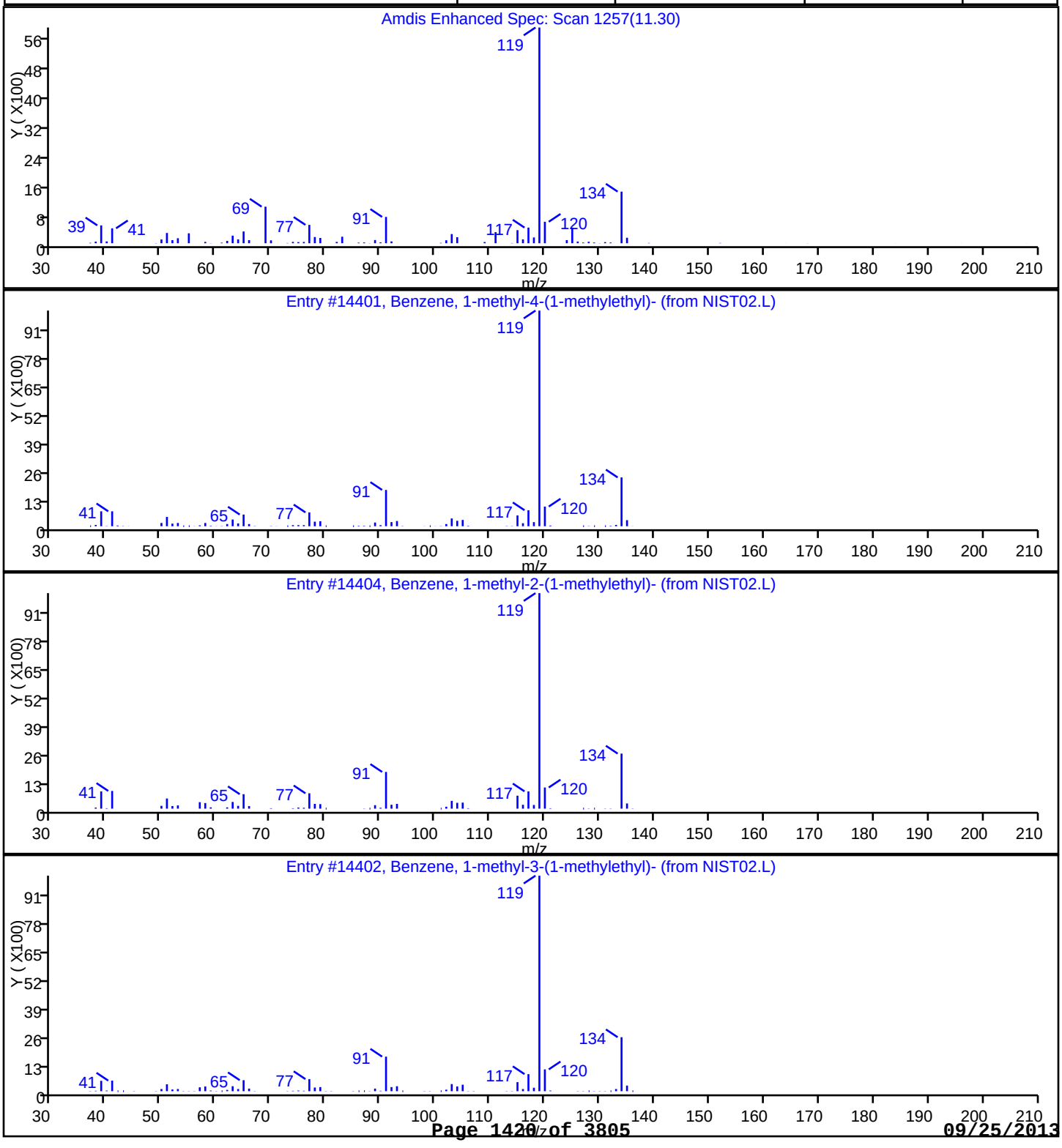
Report Date: 20-Sep-2013 11:00:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60708.D

Injection Date:	20-Sep-2013 03:24:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	13
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-methylethyl)-	99-87-6	NIST02.L	14401	94
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14404	94
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.L	14402	93



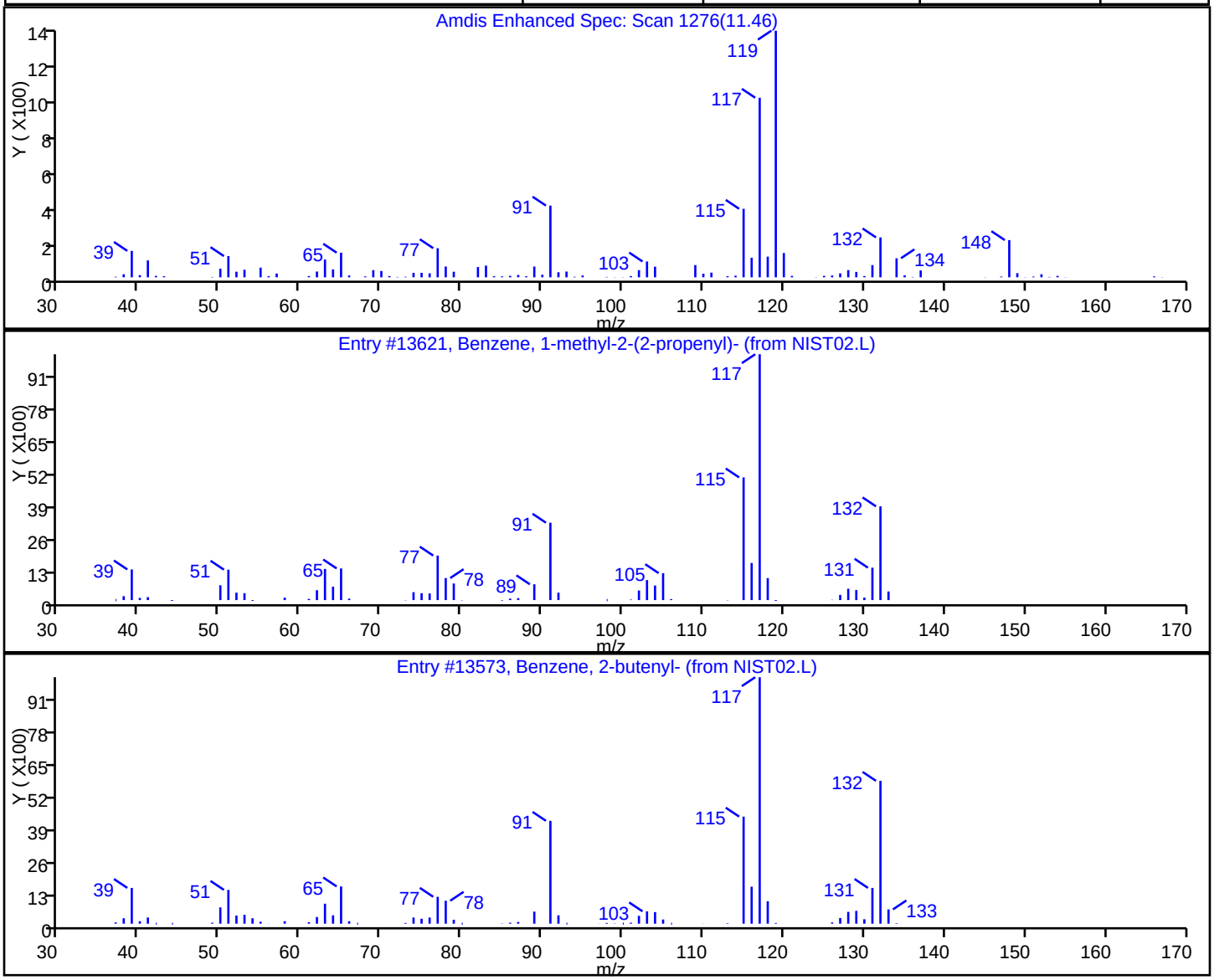
Report Date: 20-Sep-2013 11:00:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60708.D

Injection Date:	20-Sep-2013 03:24:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	13
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	83
Benzene, 2-butenyl-	1560-06-1	NIST02.L	13573	83



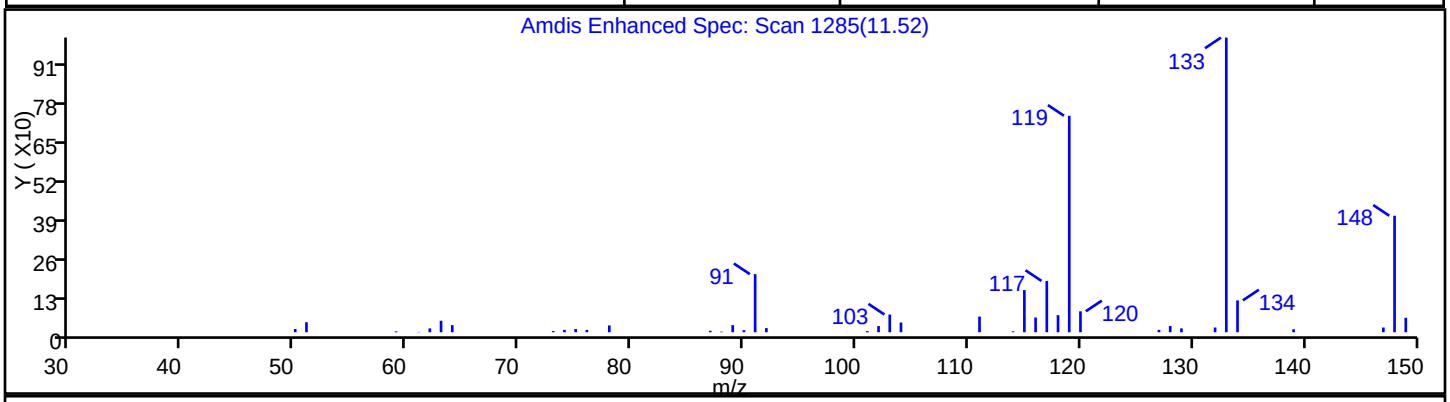
Report Date: 20-Sep-2013 11:00:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

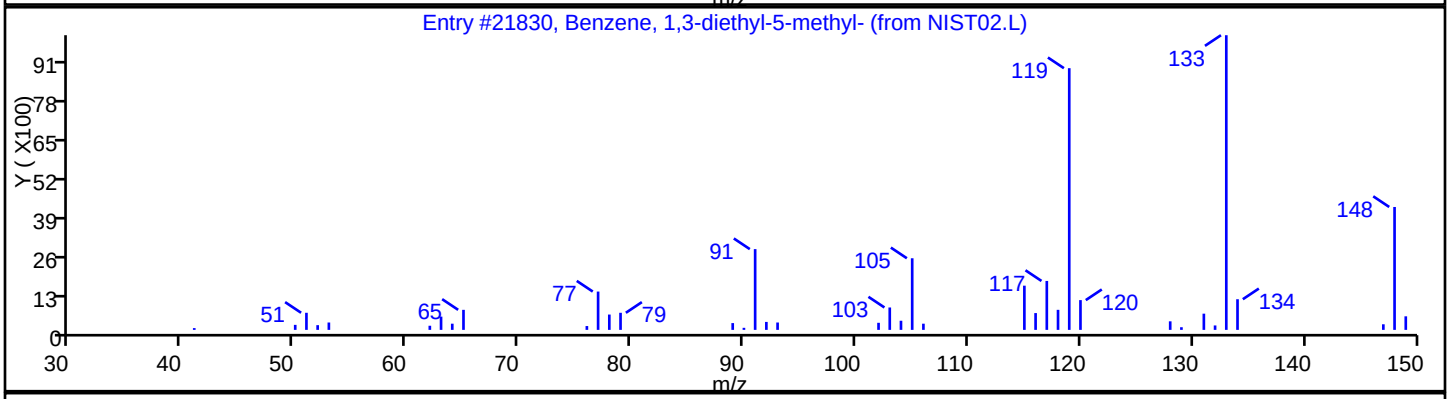
TestAmerica Edison

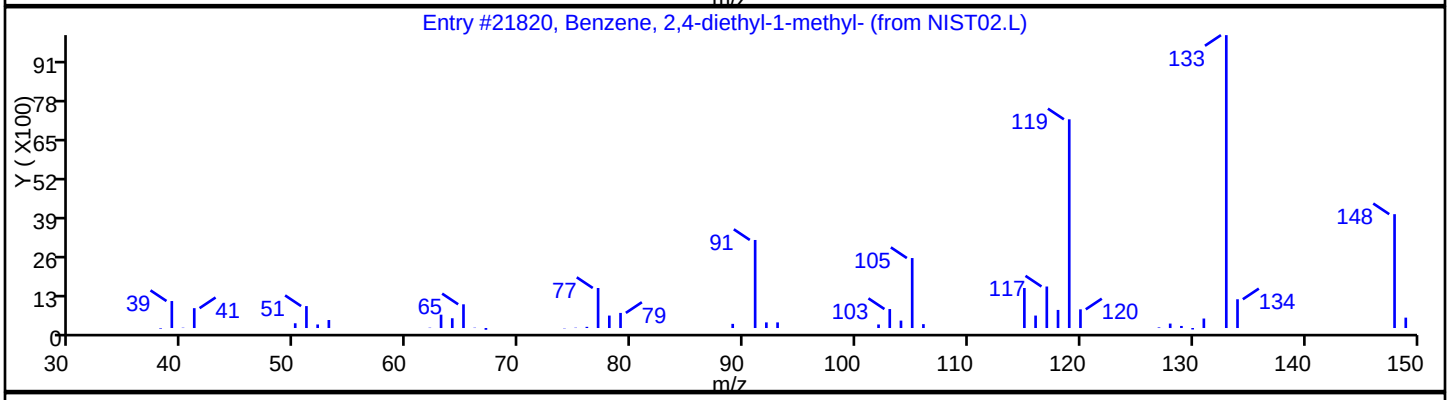
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60708.D

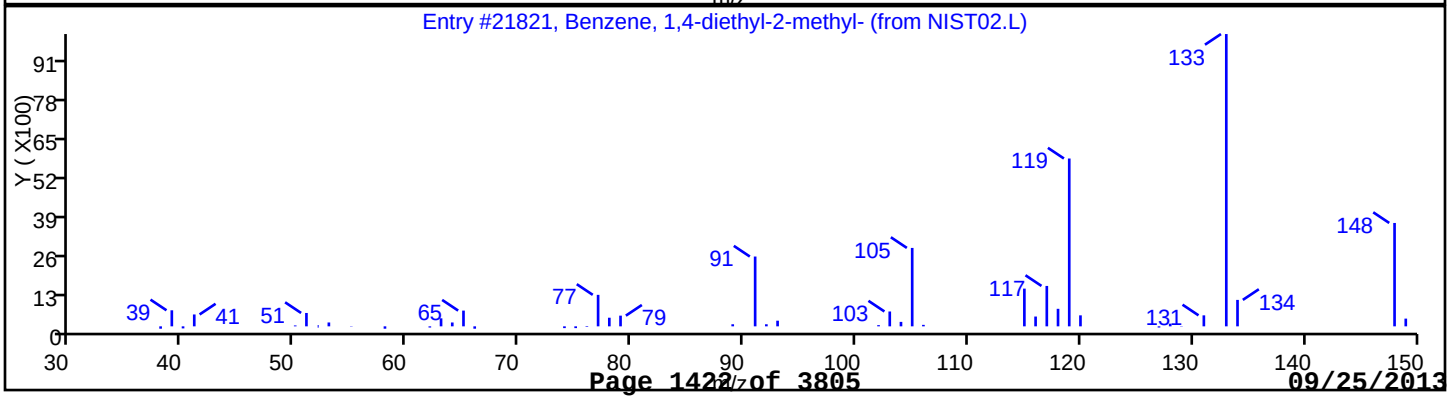
Injection Date:	20-Sep-2013 03:24:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	13
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.L	21830	97
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	81





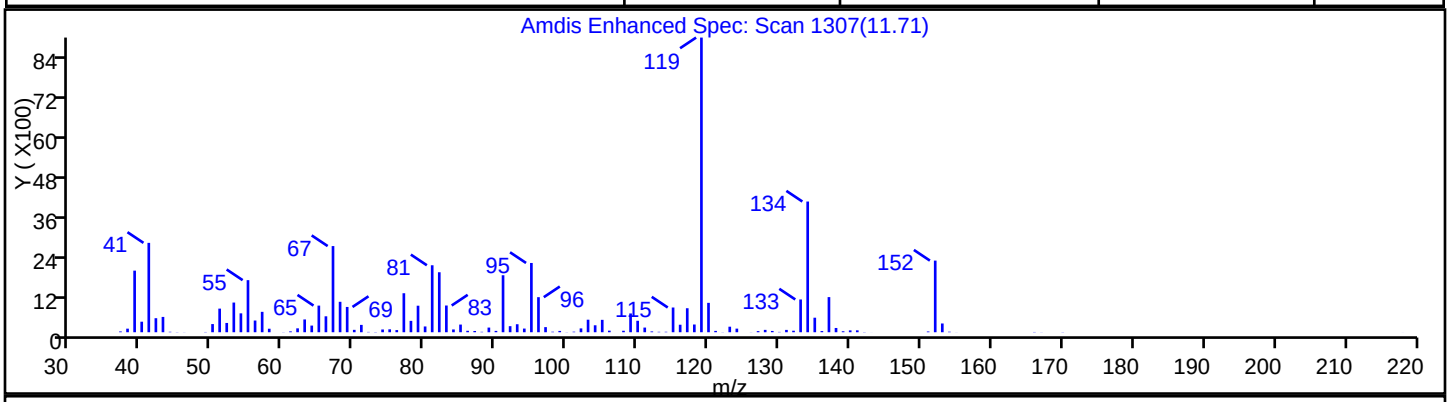


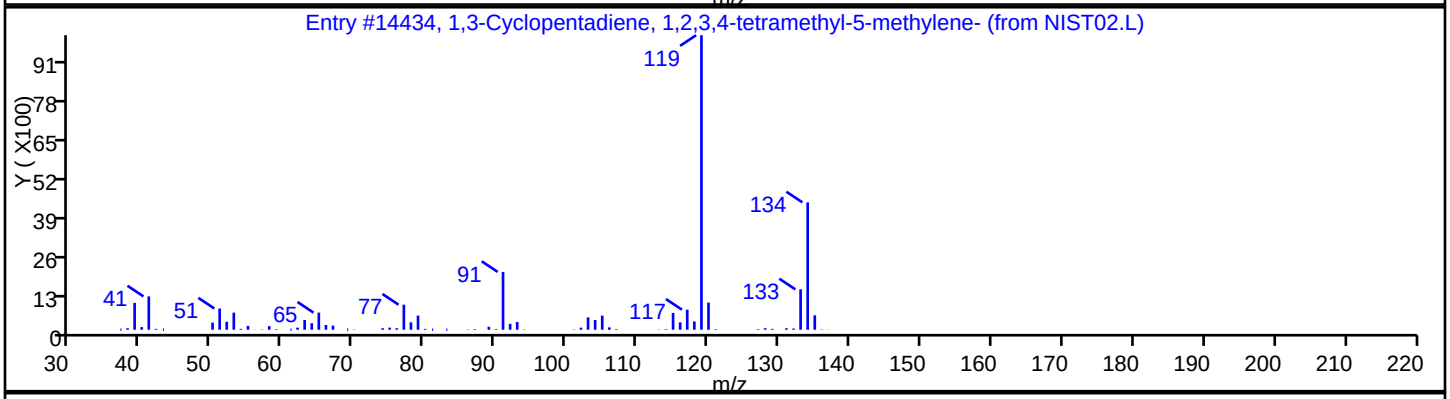


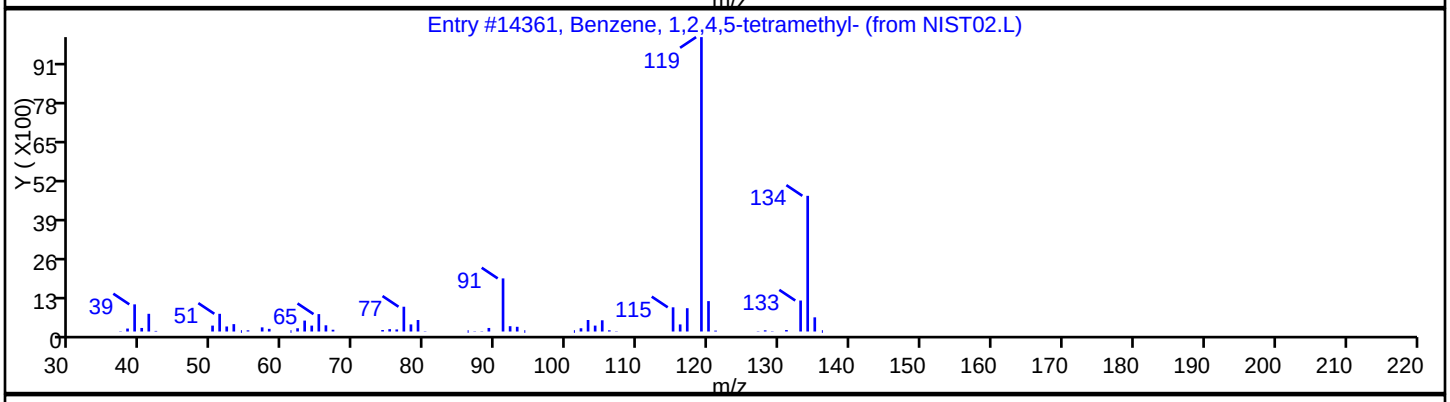
TestAmerica Edison

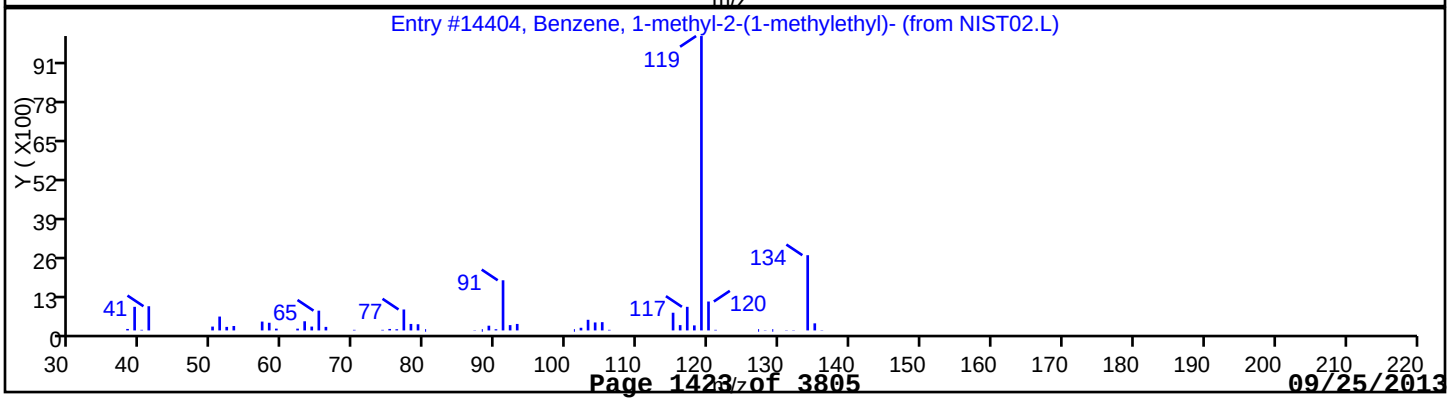
Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60708.D
Injection Date: 20-Sep-2013 03:24:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-2SE-WT Instrument ID: CVOAMS2
Lims Batch ID: 182277 Lims Sample ID: 13
Operator ID: Purge Vol: 5.000 mL
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	76089-59-3	NIST02.L	14434	95
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	95
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14404	90









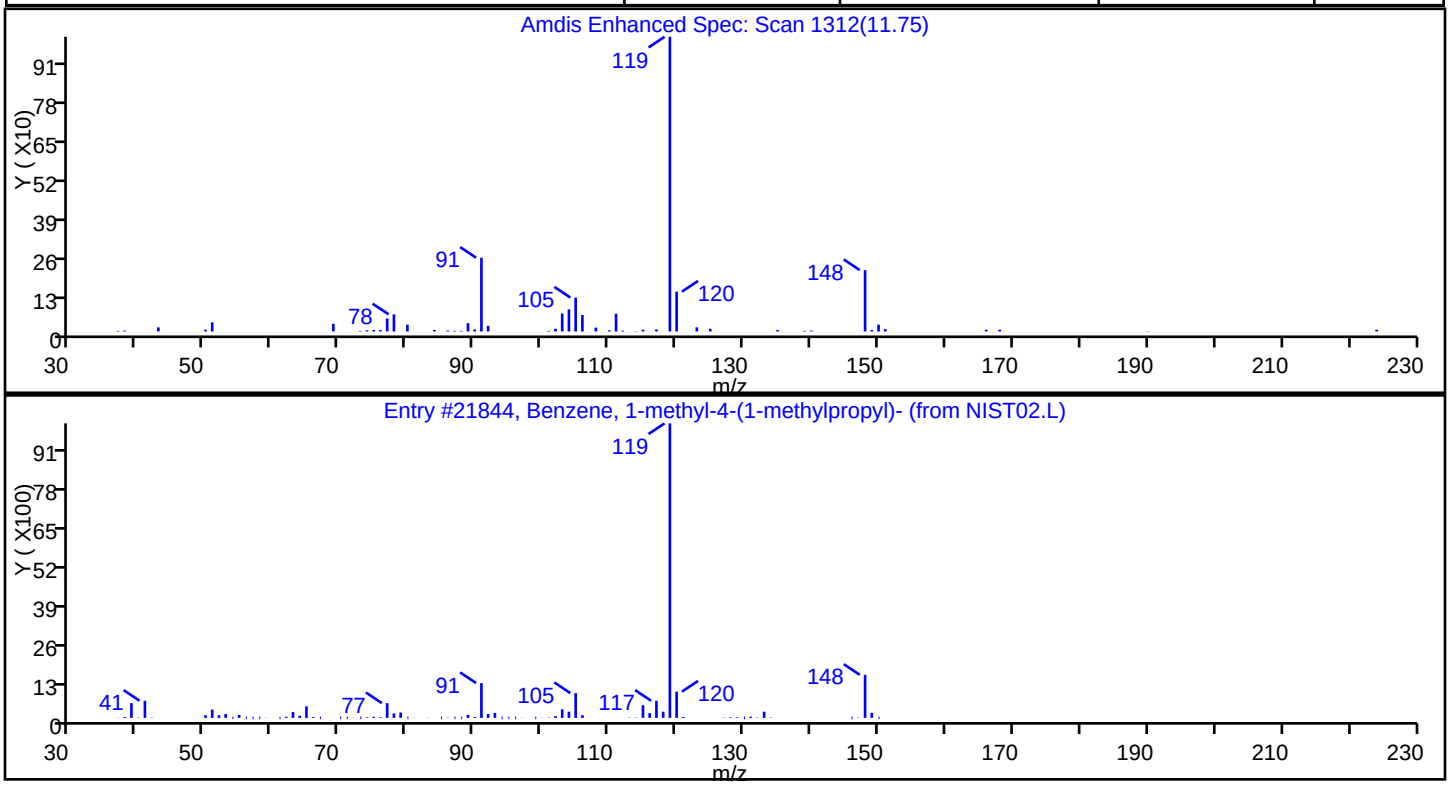
Report Date: 20-Sep-2013 11:00:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60708.D

Injection Date:	20-Sep-2013 03:24:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-WT	Instrument ID:	CVOAMS2
Lims Batch ID:	182277	Lims Sample ID:	13
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 11:00:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60708.D

Injection Date: 20-Sep-2013 03:24:30 Limit Group: VOA - 8260B Water and Solid

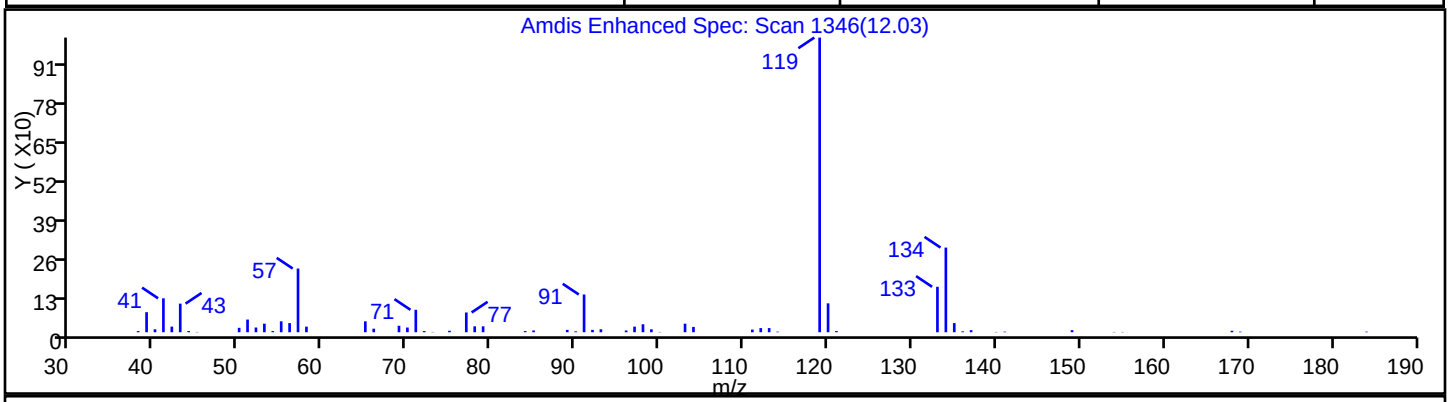
Client ID: PMP-2SE-WT Instrument ID: CVOAMS2

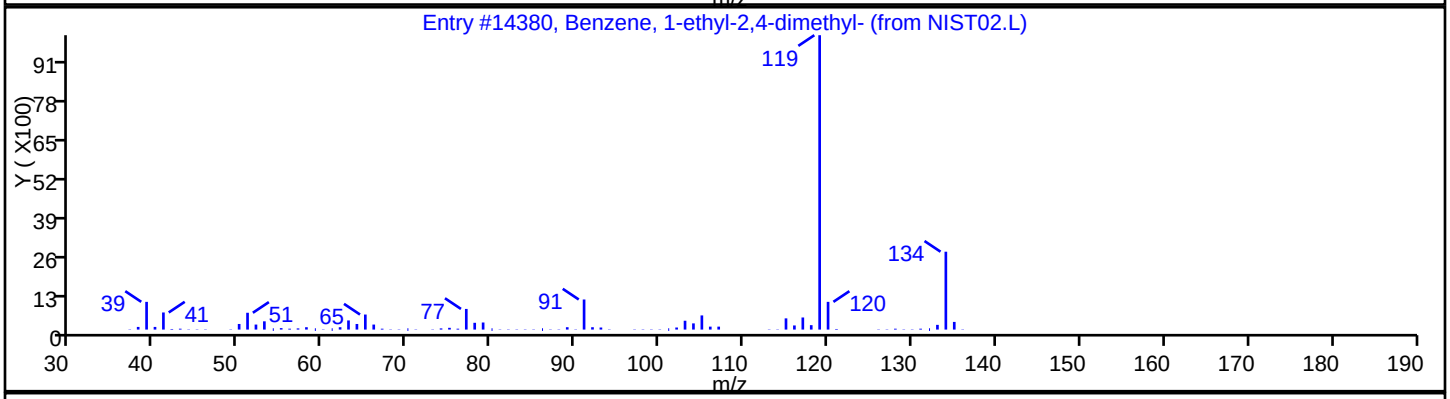
Lims Batch ID: 182277 Lims Sample ID: 13

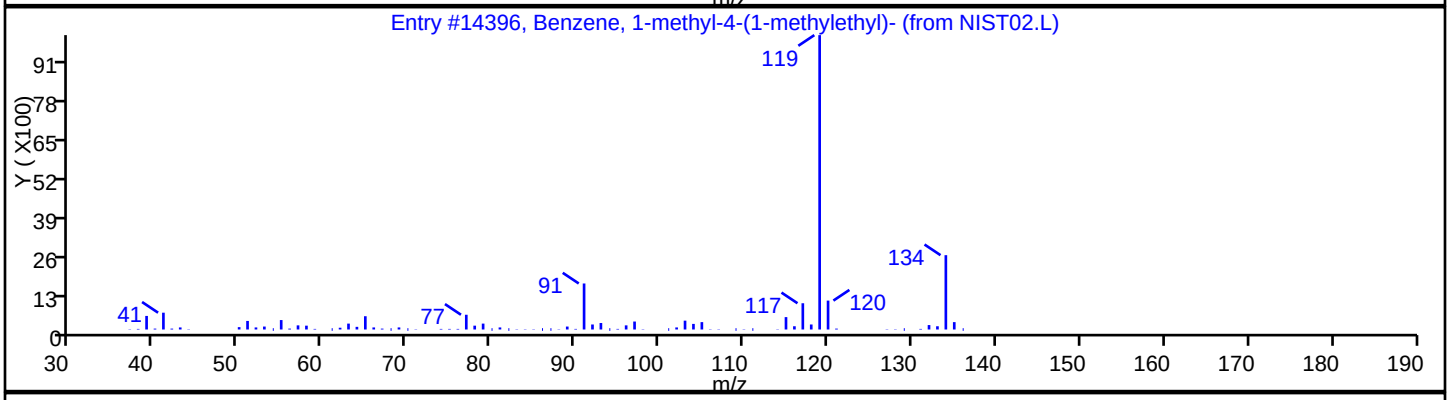
Operator ID: Purge Vol: 5.000 mL

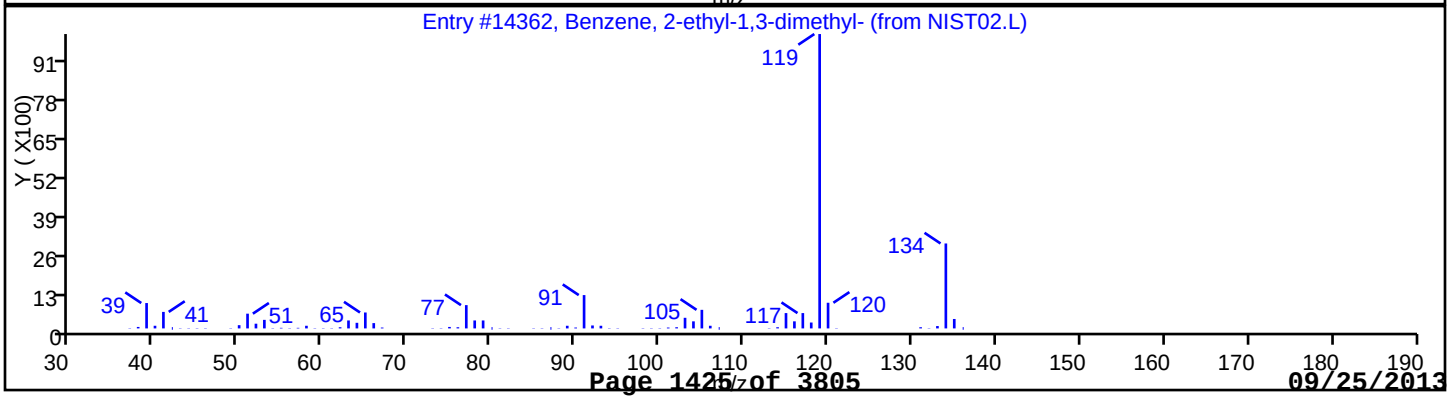
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.L	14380	86
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.L	14396	86
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.L	14362	86









Report Date: 20-Sep-2013 11:00:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60708.D

Injection Date: 20-Sep-2013 03:24:30 Limit Group: VOA - 8260B Water and Solid

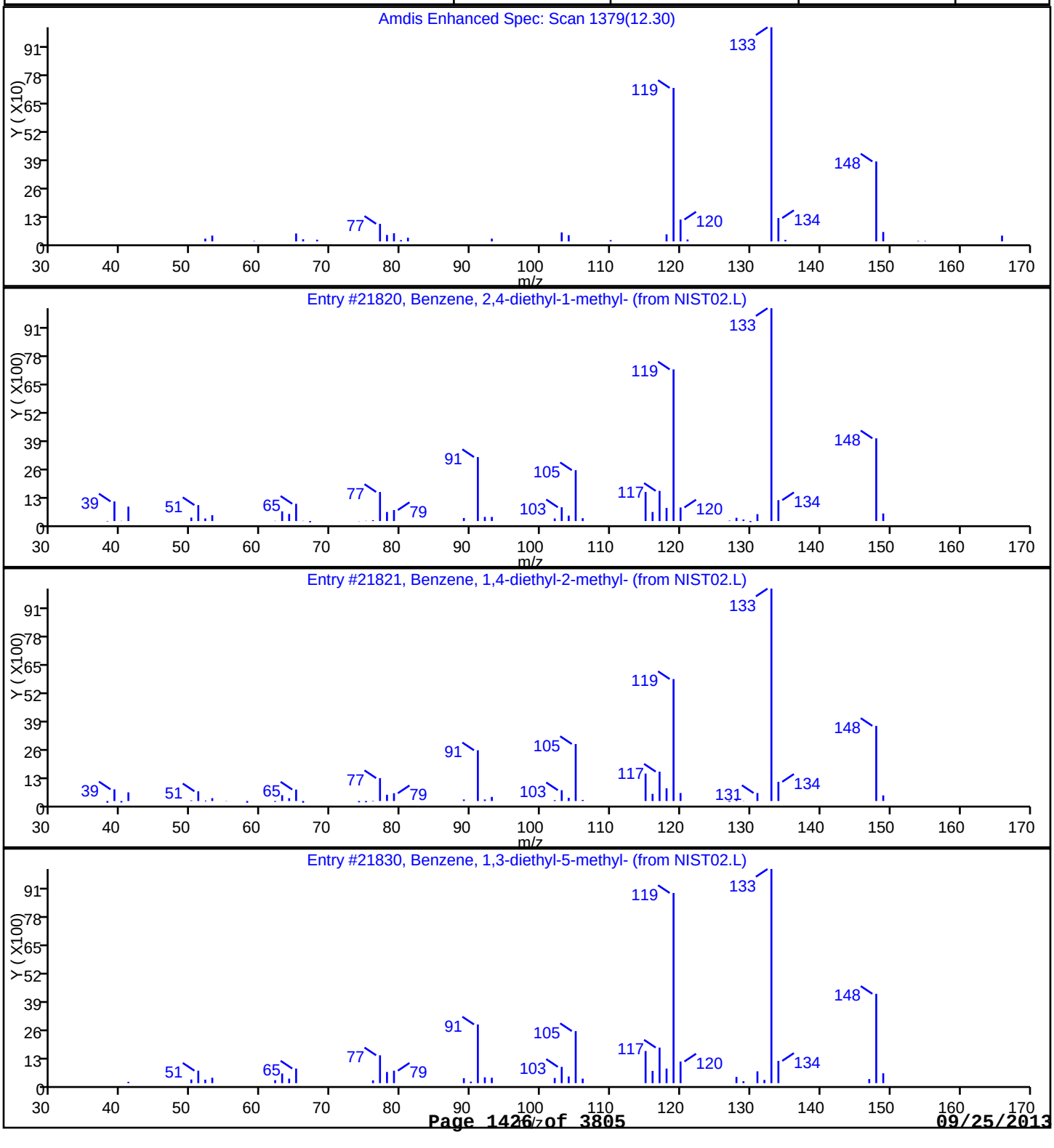
Client ID: PMP-2SE-WT Instrument ID: CVOAMS2

Lims Batch ID: 182277 Lims Sample ID: 13

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, 2,4-diethyl-1-methyl-	1758-85-6	NIST02.L	21820	86
Benzene, 1,4-diethyl-2-methyl-	13632-94-5	NIST02.L	21821	86
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.L	21830	78



Report Date: 20-Sep-2013 11:00:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130919-4826.b\B60708.D

Injection Date: 20-Sep-2013 03:24:30 Limit Group: VOA - 8260B Water and Solid

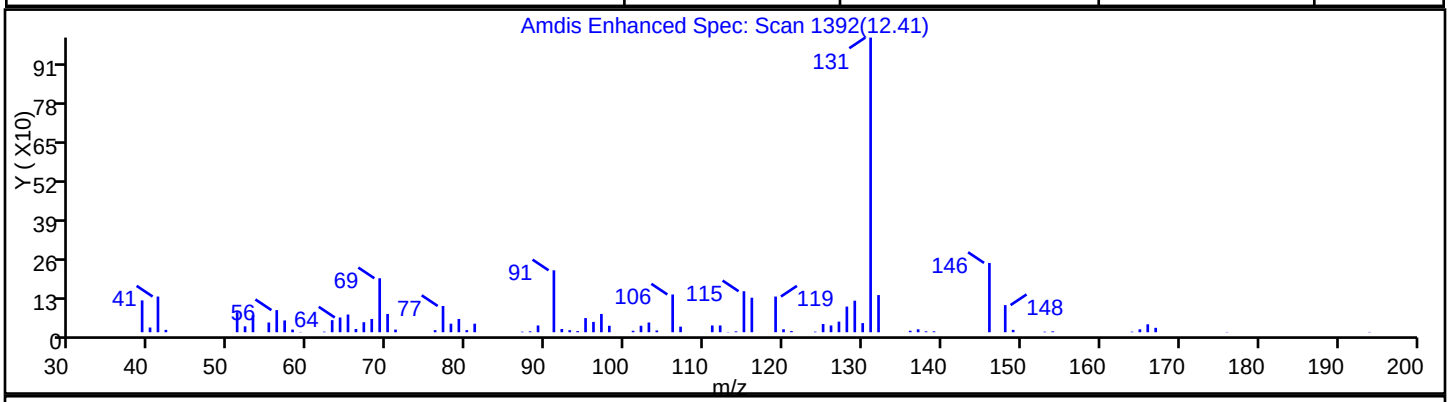
Client ID: PMP-2SE-WT Instrument ID: CVOAMS2

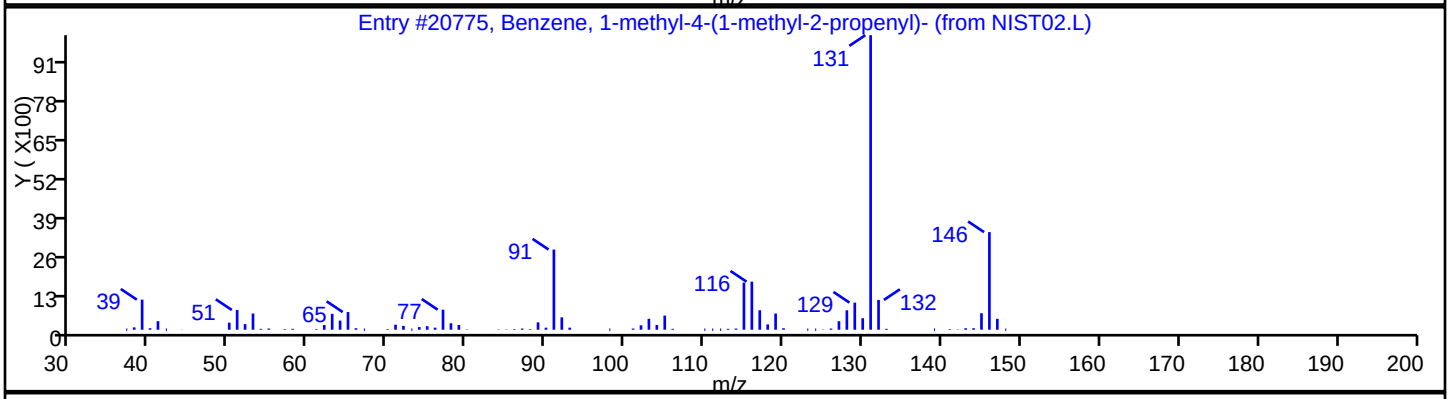
Lims Batch ID: 182277 Lims Sample ID: 13

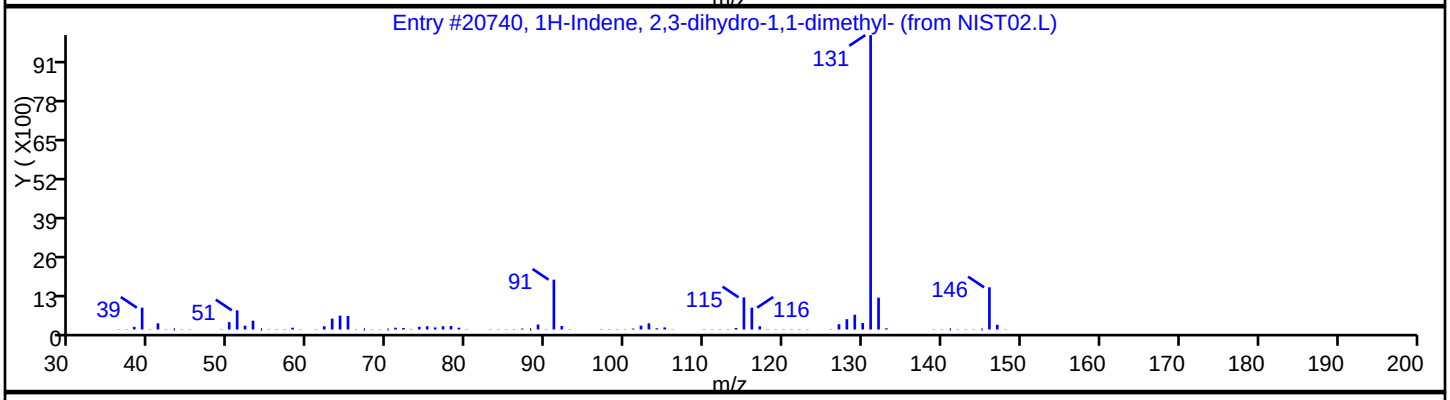
Operator ID: Purge Vol: 5.000 mL

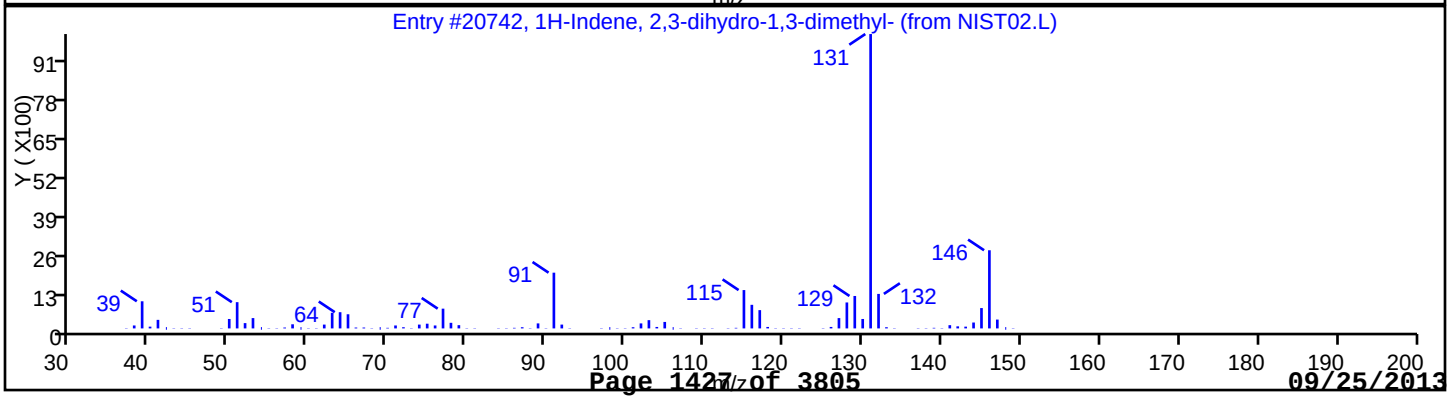
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-4-(1-methyl-2-propenyl	97664-18-1	NIST02.L	20775	87
1H-Indene, 2,3-dihydro-1,1-dimethyl-	4912-92-9	NIST02.L	20740	81
1H-Indene, 2,3-dihydro-1,3-dimethyl-	4175-53-5	NIST02.L	20742	81









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-SI | Lab Sample ID: 460-62968-33

Matrix: Solid | Lab File ID: B60658.D

Analysis Method: 8260B | Date Collected: 09/12/2013 15:55

Sample wt/vol: 5.981(g) | Date Analyzed: 09/19/2013 06:12

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.8 | Level: (low/med) Medium

Analysis Batch No.: 182063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	9.4	U	97	9.4
74-83-9	Bromomethane	18	U	97	18
75-01-4	Vinyl chloride	14	U	97	14
75-00-3	Chloroethane	16	U	97	16
75-09-2	Methylene Chloride	18	U	97	18
67-64-1	Acetone	260	U	490	260
75-15-0	Carbon disulfide	12	U	97	12
75-69-4	Trichlorofluoromethane	14	U	97	14
75-35-4	1,1-Dichloroethene	8.6	U	97	8.6
75-34-3	1,1-Dichloroethane	13	U	97	13
156-60-5	trans-1,2-Dichloroethene	12	U	97	12
156-59-2	cis-1,2-Dichloroethene	17	U	97	17
67-66-3	Chloroform	27	J	97	7.6
78-93-3	2-Butanone	230	U	490	230
107-06-2	1,2-Dichloroethane	18	U	97	18
71-55-6	1,1,1-Trichloroethane	6.0	U	97	6.0
56-23-5	Carbon tetrachloride	5.5	U	97	5.5
71-43-2	Benzene	8.0	U	97	8.0
75-25-2	Bromoform	19	U	97	19
100-42-5	Styrene	12	U	97	12
100-41-4	Ethylbenzene	36	J	97	9.3
108-90-7	Chlorobenzene	72	J	97	11
110-82-7	Cyclohexane	15	U	97	15
98-82-8	Isopropylbenzene	99		97	7.4
591-78-6	2-Hexanone	49	U	490	49
1634-04-4	MTBE	13	U	97	13
76-13-1	Freon TF	8.0	U	97	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	30	J	97	8.9
108-88-3	Toluene	26	J	97	14
10061-02-6	trans-1,3-Dichloropropene	24	U	97	24
108-10-1	4-Methyl-2-pentanone	96	U	490	96
10061-01-5	cis-1,3-Dichloropropene	18	U	97	18
95-50-1	1,2-Dichlorobenzene	2100		97	20
541-73-1	1,3-Dichlorobenzene	1700		97	13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-SI | Lab Sample ID: 460-62968-33

Matrix: Solid | Lab File ID: B60658.D

Analysis Method: 8260B | Date Collected: 09/12/2013 15:55

Sample wt/vol: 5.981(g) | Date Analyzed: 09/19/2013 06:12

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.8 | Level: (low/med) Medium

Analysis Batch No.: 182063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	5500		97	23
120-82-1	1,2,4-Trichlorobenzene	4900		97	33
87-61-6	1,2,3-Trichlorobenzene	4000		97	50
78-87-5	1,2-Dichloropropane	8.3	U	97	8.3
108-87-2	Methylcyclohexane	120		97	13
127-18-4	Tetrachloroethene	39	J	97	9.4
1330-20-7	Xylenes, Total	1100		290	35
96-12-8	1,2-Dibromo-3-Chloropropane	39	U	97	39
79-34-5	1,1,2,2-Tetrachloroethane	15	U	97	15
79-00-5	1,1,2-Trichloroethane	18	U	97	18
124-48-1	Dibromochloromethane	19	U	97	19
106-93-4	1,2-Dibromoethane	27	U	97	27
75-71-8	Dichlorodifluoromethane	21	U	97	21
74-97-5	Bromochloromethane	27	U	97	27
75-27-4	Bromodichloromethane	12	U	97	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		75-135
2037-26-5	Toluene-d8 (Surr)	84		59-150
460-00-4	Bromofluorobenzene	93		72-133
1868-53-7	Dibromofluoromethane (Surr)	87		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-SI | Lab Sample ID: 460-62968-33

Matrix: Solid | Lab File ID: B60658.D

Analysis Method: 8260B | Date Collected: 09/12/2013 15:55

Sample wt/vol: 5.981(g) | Date Analyzed: 09/19/2013 06:12

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.8 | Level: (low/med) Medium

Analysis Batch No.: 182063 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 36000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown alkane	9.54	4200	J
	Unknown	9.74	2700	J
1560-06-1	Benzene, 2-butenyl-	11.46	2600	J N
15932-80-6	Cyclohexanone, 5-methyl-2-(1-methylethyl	11.54	2700	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.71	3600	J N
112-40-3	Dodecane	11.92	2500	J N
535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-	12.03	5700	J N
	Unknown	12.13	3400	J
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	12.33	3600	J N
97664-19-2	Benzene, 1-methyl-2-(1-methyl-2-propenyl	12.40	5000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D
Lims ID: 460-62968-A-33-A
Client ID: PMP-2SE-SI
Inject. Date: 19-Sep-2013 06:12:30
Dil. Factor: 50.0000
Sample Type: Client
Sample ID: 460-62968-A-33-A
Misc. Info.: 460-0004786-022
Operator:
Instrument ID: CVOAMS2
Purge Vol: 5.000 mL
ALS Bottle#: 21
Lims Batch ID: 182063
Lims Sample ID: 22
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\8260W_2.m
Last Update: 20-Sep-2013 16:47:34
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: 19-Sep-2013 08:08:23

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	2.813	2.789	0.024	55	339829	1000.0	
47 Chloroform	83	4.303	4.303	0.0	72	1929	0.2759	
$ 57 Dibromofluoromethane (Surr)	113	4.484	4.484	0.0	97	176387	43.6	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.879	4.879	0.0	89	278920	46.5	
* 58 Fluorobenzene	96	5.208	5.208	0.0	97	647688	50.0	
60 Trichloroethene	95	5.636	5.636	0.0	69	1284	0.3085	
62 Methylcyclohexane	83	5.768	5.760	0.008	80	3418	1.21	
* 65 1,4-Dioxane-d8	96	6.072	6.073	-0.001	87	41909	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.200	7.200	0.0	97	578177	41.8	
77 Toluene	91	7.282	7.282	0.0	70	4098	0.2666	
81 Tetrachloroethene	166	7.858	7.858	0.0	79	1621	0.3983	
* 87 Chlorobenzene-d5	117	8.764	8.764	0.0	90	554025	50.0	
88 Chlorobenzene	112	8.788	8.788	0.0	72	8075	0.7471	
89 Ethylbenzene	106	8.879	8.871	0.008	93	1944	0.3702	
91 m-Xylene & p-Xylene	106	8.994	8.994	0.0	97	20039	3.12	
92 o-Xylene	106	9.356	9.356	0.0	89	48704	7.71	
96 Isopropylbenzene	105	9.677	9.677	0.0	52	16651	1.02	
$ 97 4-Bromofluorobenzene	174	9.858	9.850	0.008	91	252140	46.3	
113 1,3-Dichlorobenzene	146	10.755	10.747	0.008	91	154957	17.6	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	89	325725	50.0	
116 1,4-Dichlorobenzene	146	10.829	10.829	0.0	89	541018	57.1	
122 1,2-Dichlorobenzene	146	11.134	11.134	0.0	88	201518	22.0	
127 1,2,4-Trichlorobenzene	180	12.368	12.360	0.008	87	241949	50.1	
131 1,2,3-Trichlorobenzene	180	12.788	12.788	0.0	81	140900	40.9	
S 134 Xylenes, Total	100				0		10.8	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D		
Lims ID:	460-62968-A-33-A	Client ID:	PMP-2SE-SI
Inject. Date:	19-Sep-2013 06:12:30	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-62968-A-33-A		
Misc. Info.:	460-0004786-022		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	21
Lims Batch ID:	182063	Lims Sample ID:	22
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\8260W_2.m		
Last Update:	20-Sep-2013 16:47:34	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:	19-Sep-2013 08:08:23

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Flags
		Unknown alkane				
9.537	1781759	43.4	87	0	0	
		Unknown				
9.735	1158314	28.2	87			
	1560-06-1	Benzene, 2-butenyl-				
11.455	4413299	27.2	115	95	13577	
	15932-80-6	Cyclohexanone, 5-methyl-2-(1-methylethyl				
11.537	4509438	27.8	115	86	24159	
	95-93-2	Benzene, 1,2,4,5-tetramethyl-				
11.710	5960833	36.7	115	95	14361	
	112-40-3	Dodecane				
11.916	4157739	25.6	115	95	36159	
	535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-				
12.031	9594450	59.1	115	80	14397	
		Unknown				
12.129	5665426	34.9	115	0	0	
	6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-				
12.327	5970592	36.8	115	91	20748	
	97664-19-2	Benzene, 1-methyl-2-(1-methyl-2-propenyl				
12.401	8289344	51.1	115	83	20774	

Quantitation Compounds

Compound	RT	Response	Amount ug/l

Compound	RT	Response	Amount ug/l
* 87 Chlorobenzene-d5	8.764	2052212	50.0
* 115 1,4-Dichlorobenzene-d4	10.846	8115206	50.0

QC Flag Legend

Processing Flags

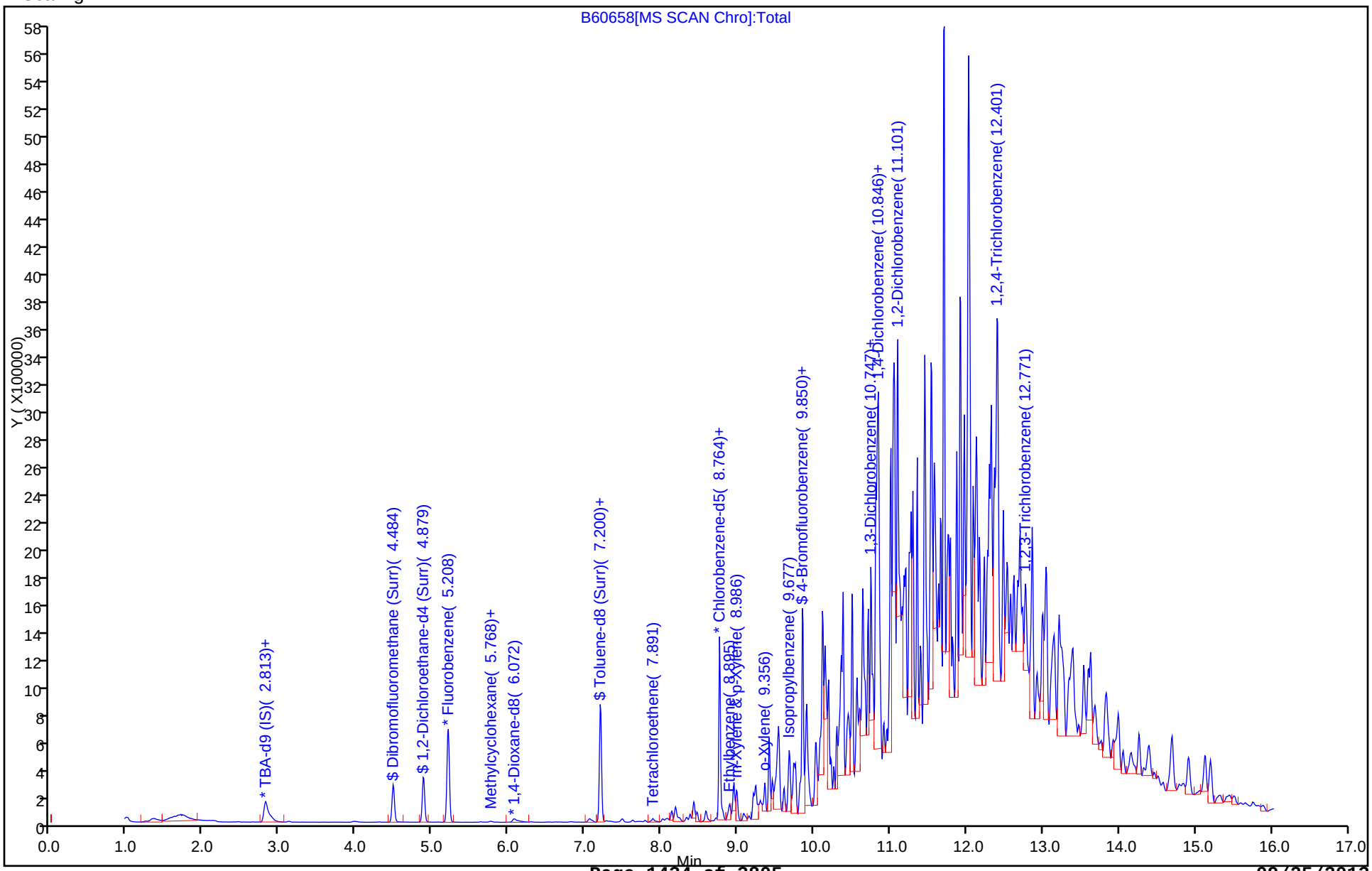
Report Date: 20-Sep-2013 16:47:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date:	19-Sep-2013 06:12:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



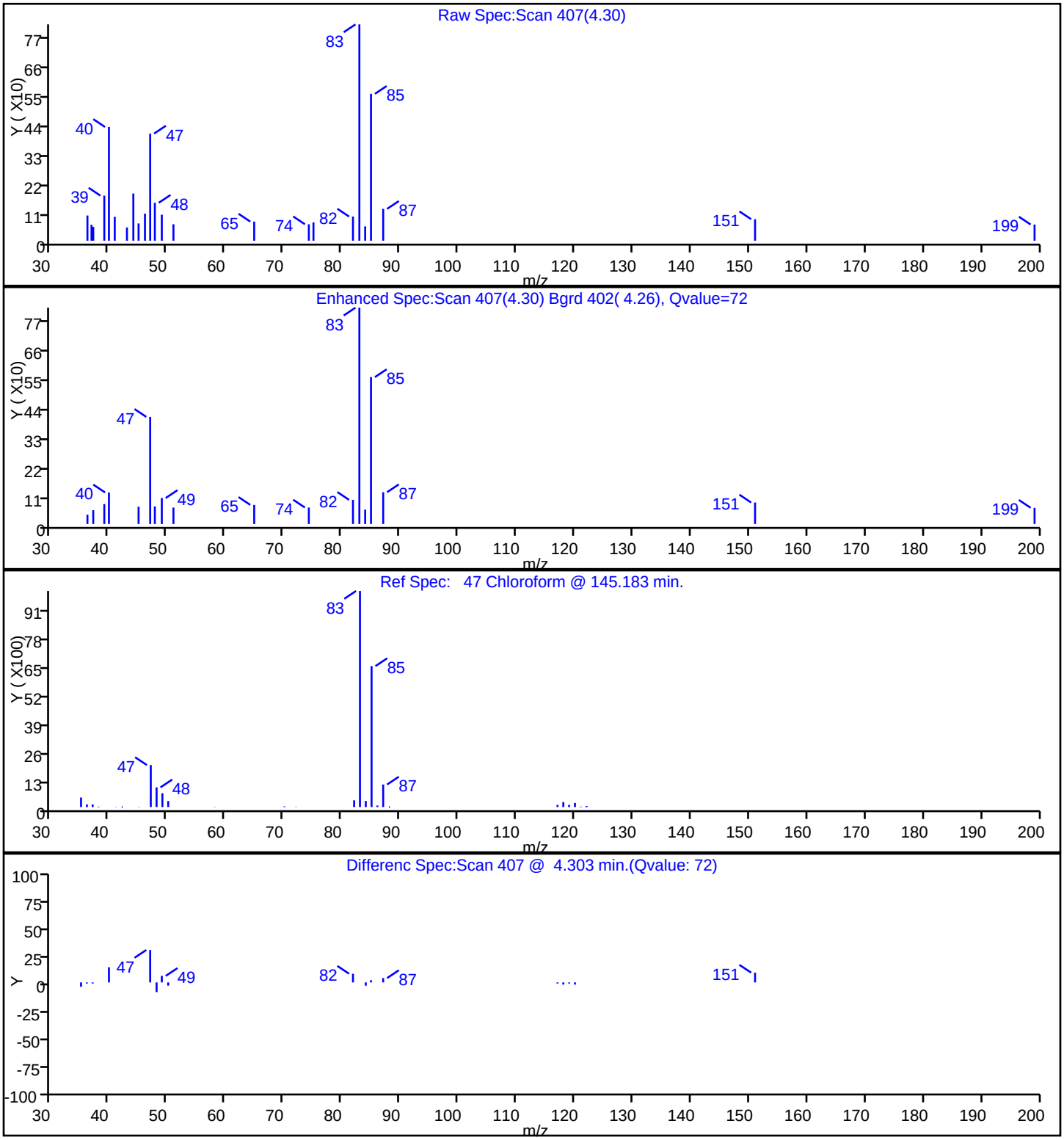
Report Date: 20-Sep-2013 16:47:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date:	19-Sep-2013 06:12:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



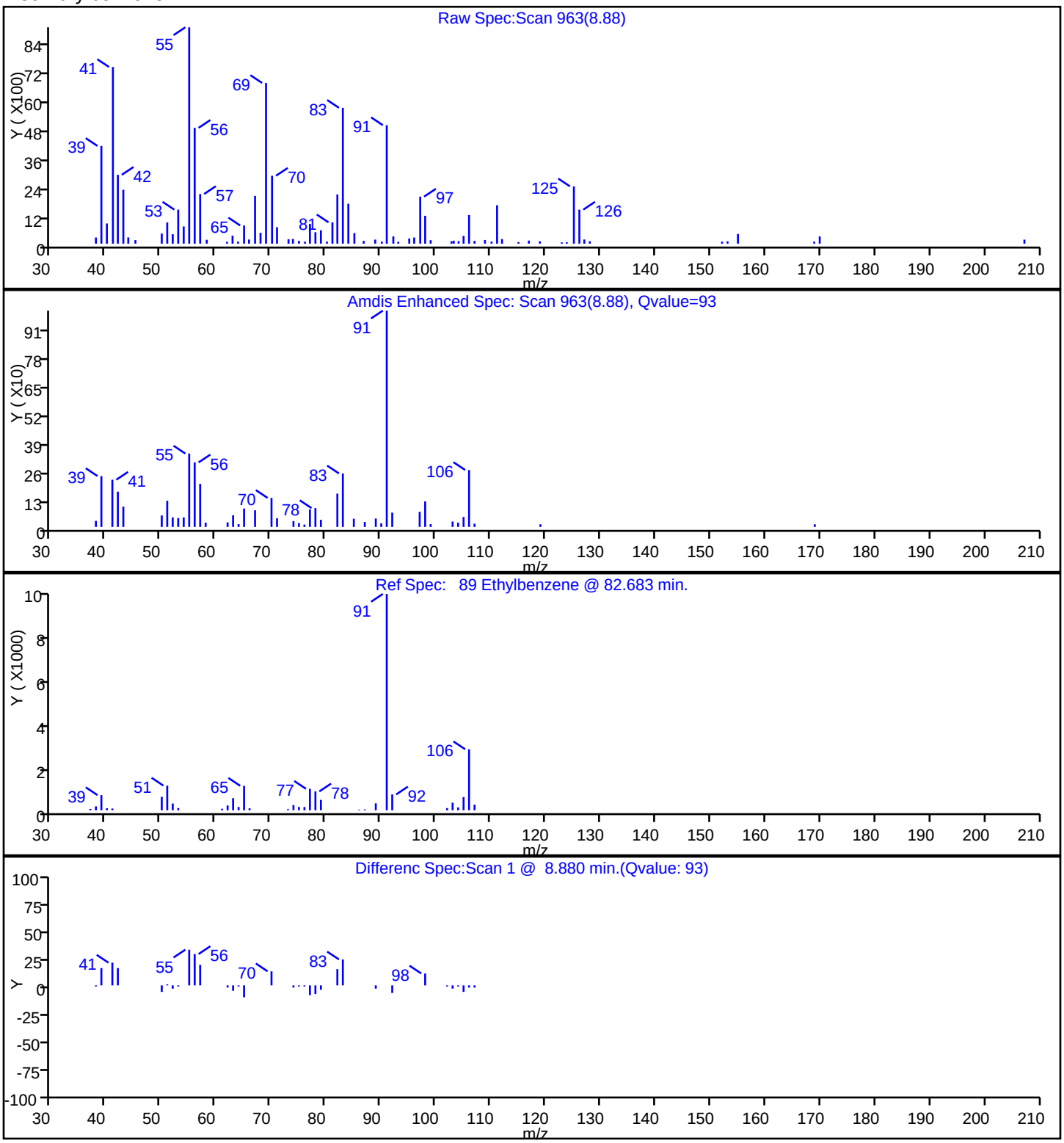
Report Date: 20-Sep-2013 16:47:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date:	19-Sep-2013 06:12:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

89 Ethylbenzene



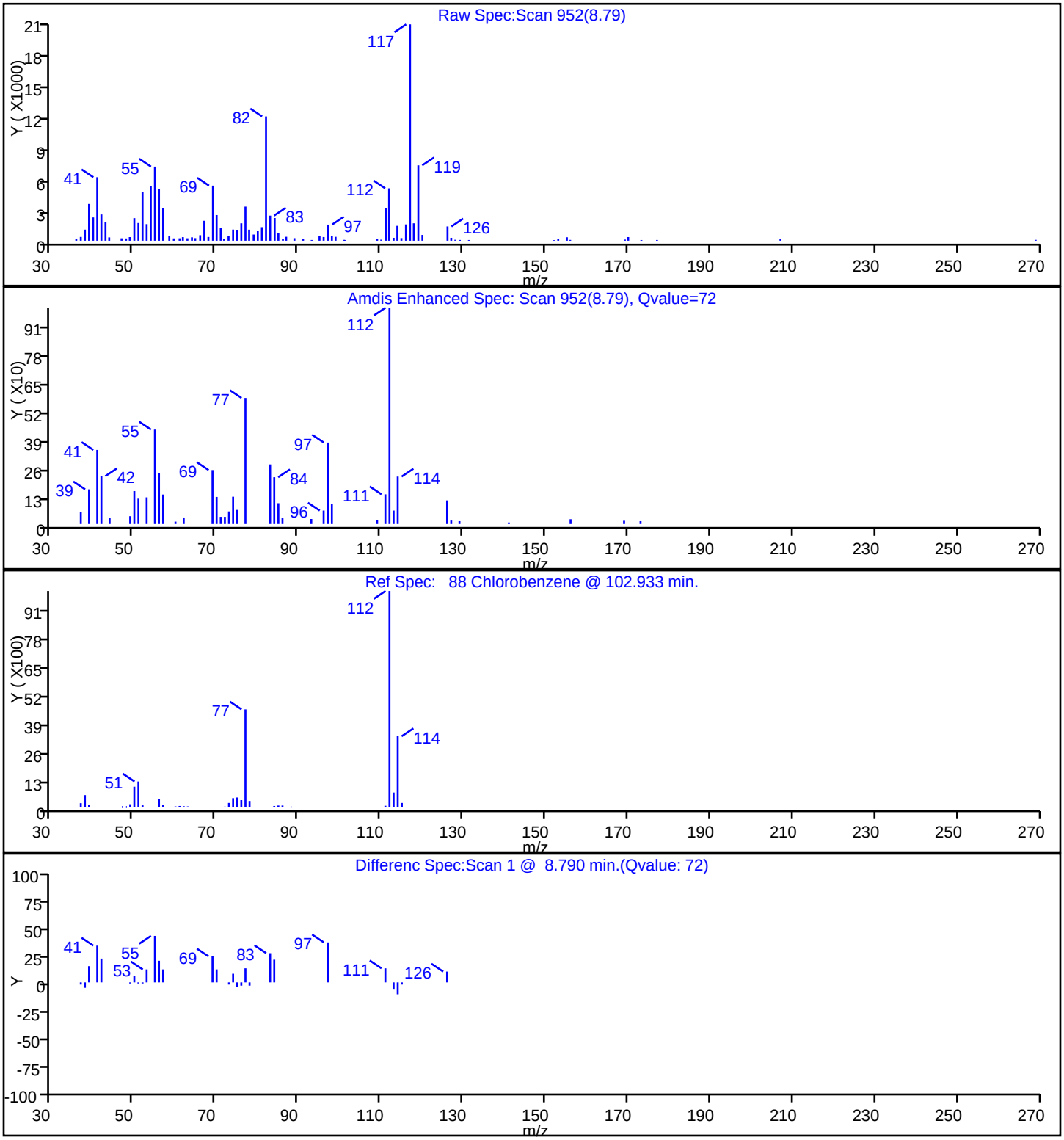
Report Date: 20-Sep-2013 16:47:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date:	19-Sep-2013 06:12:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

88 Chlorobenzene



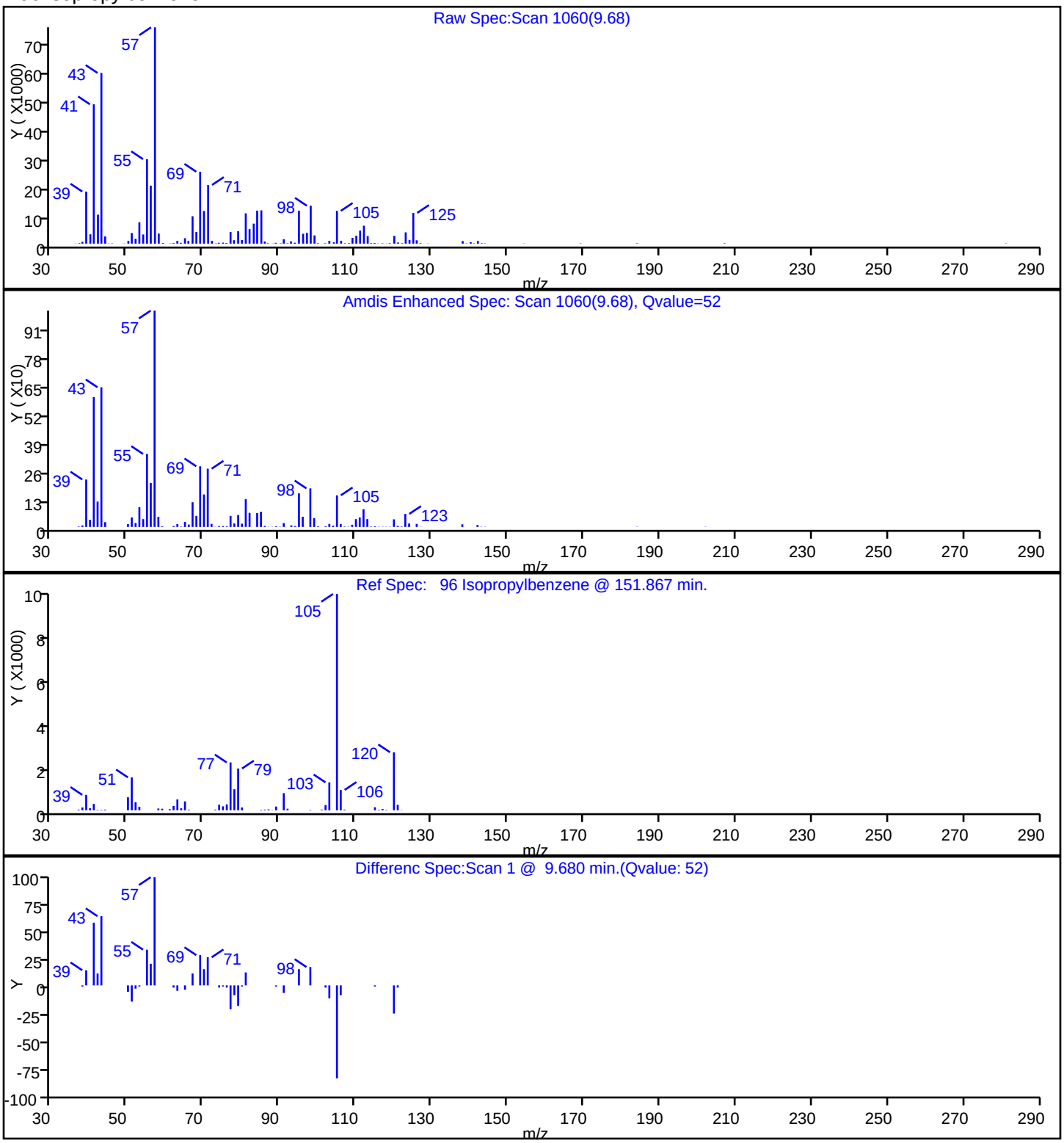
Report Date: 20-Sep-2013 16:47:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date:	19-Sep-2013 06:12:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

96 Isopropylbenzene



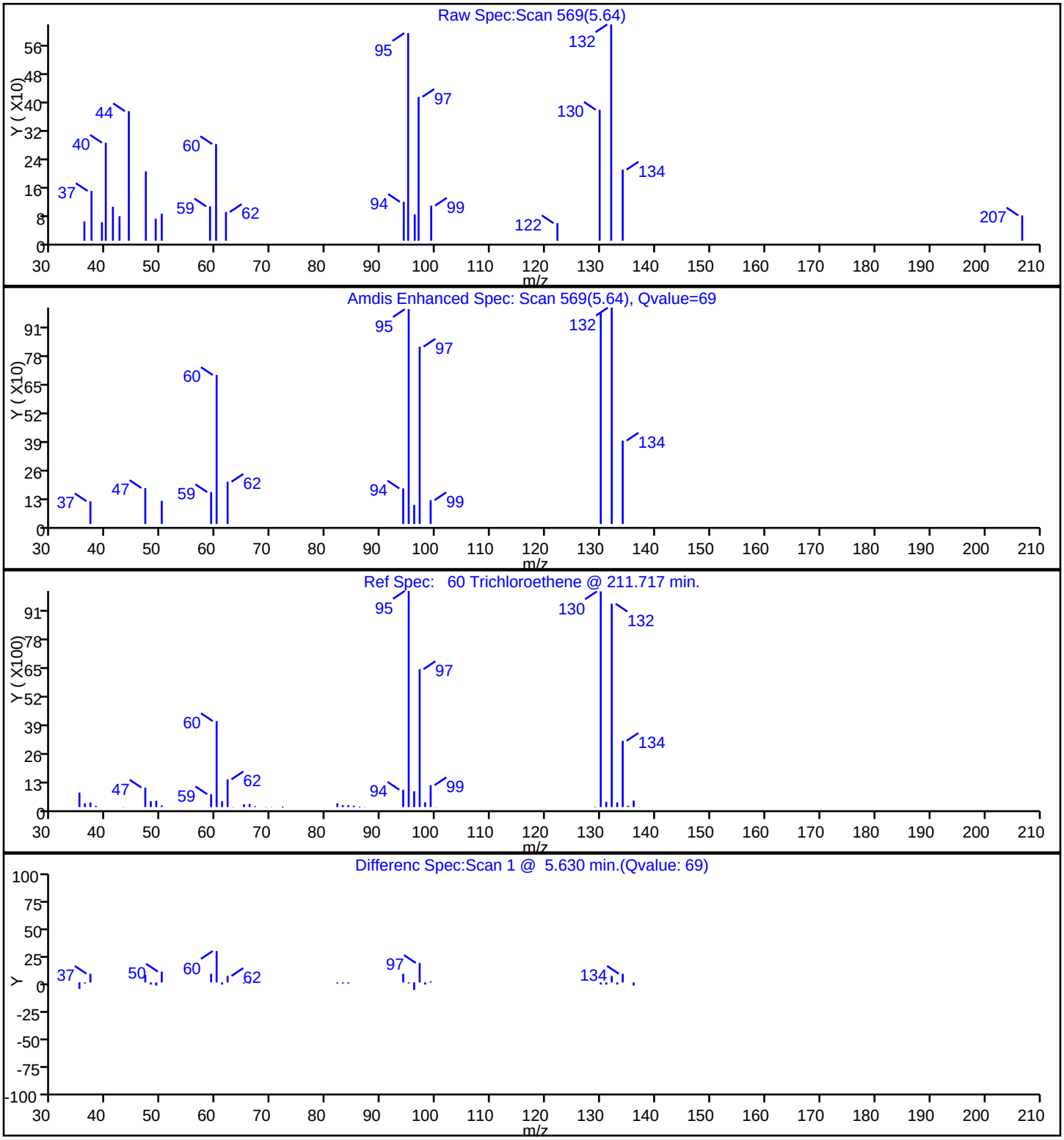
Report Date: 20-Sep-2013 16:47:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date:	19-Sep-2013 06:12:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

60 Trichloroethene



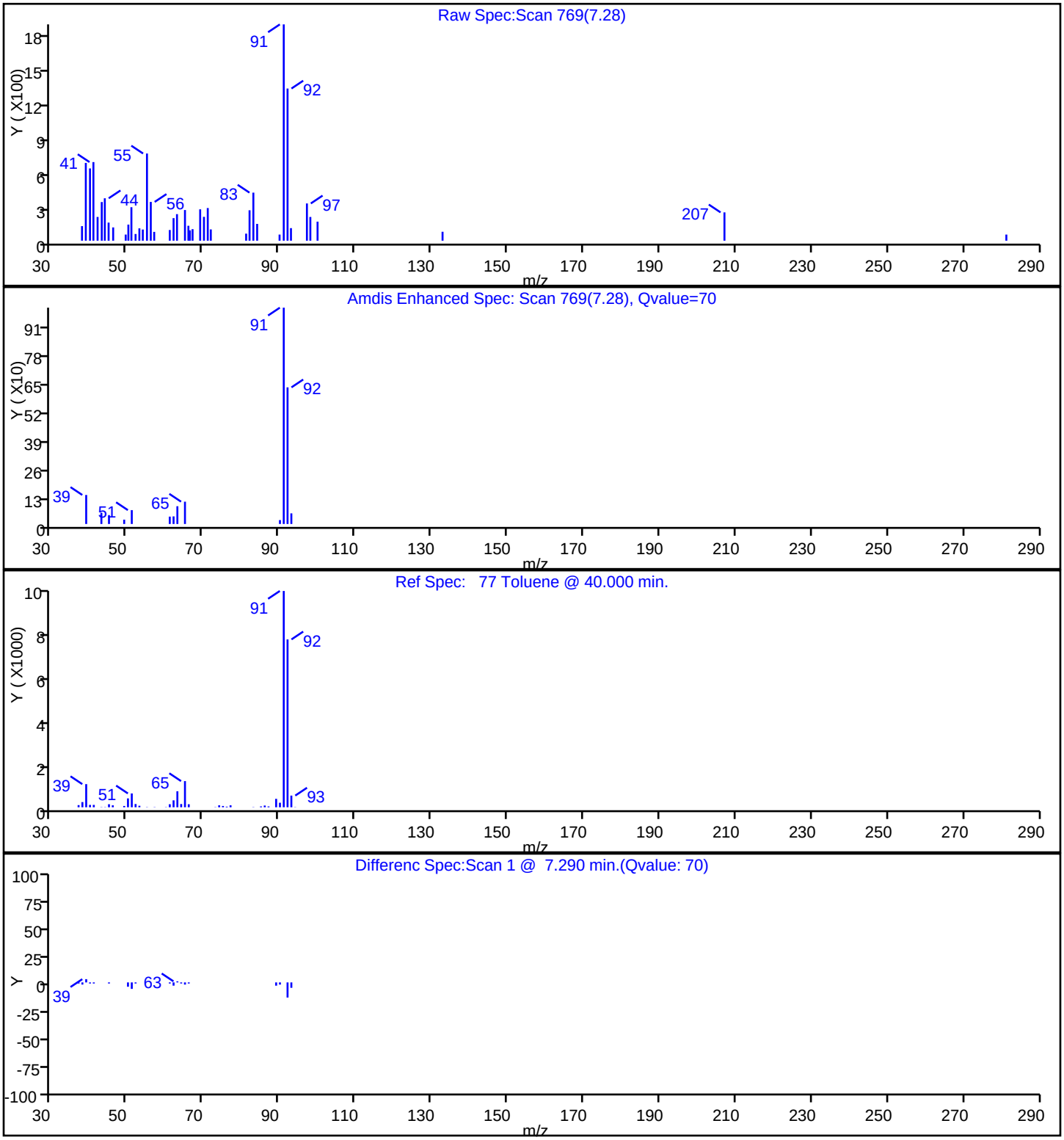
Report Date: 20-Sep-2013 16:47:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date:	19-Sep-2013 06:12:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

77 Toluene



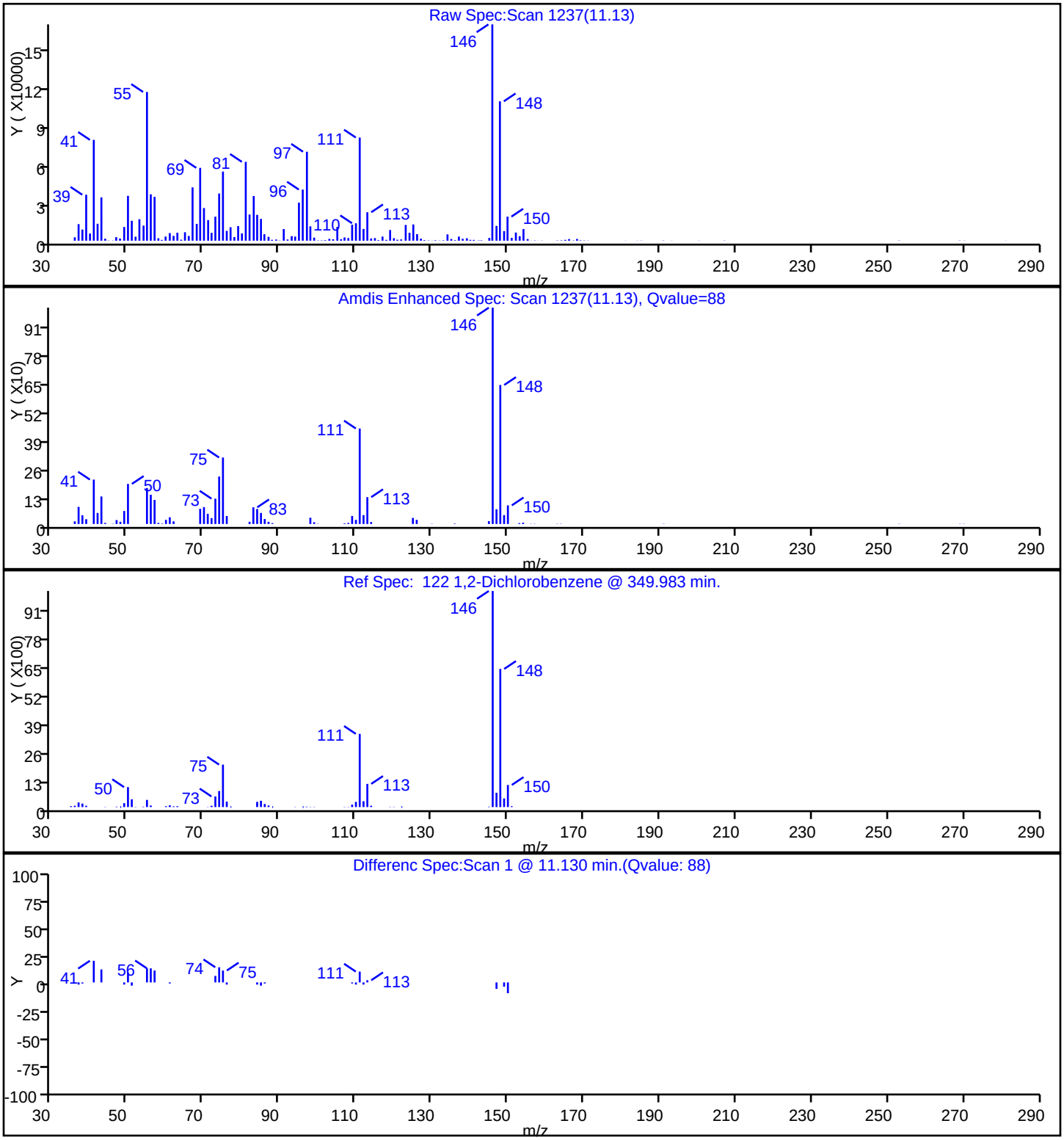
Report Date: 20-Sep-2013 16:47:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date:	19-Sep-2013 06:12:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

122 1,2-Dichlorobenzene



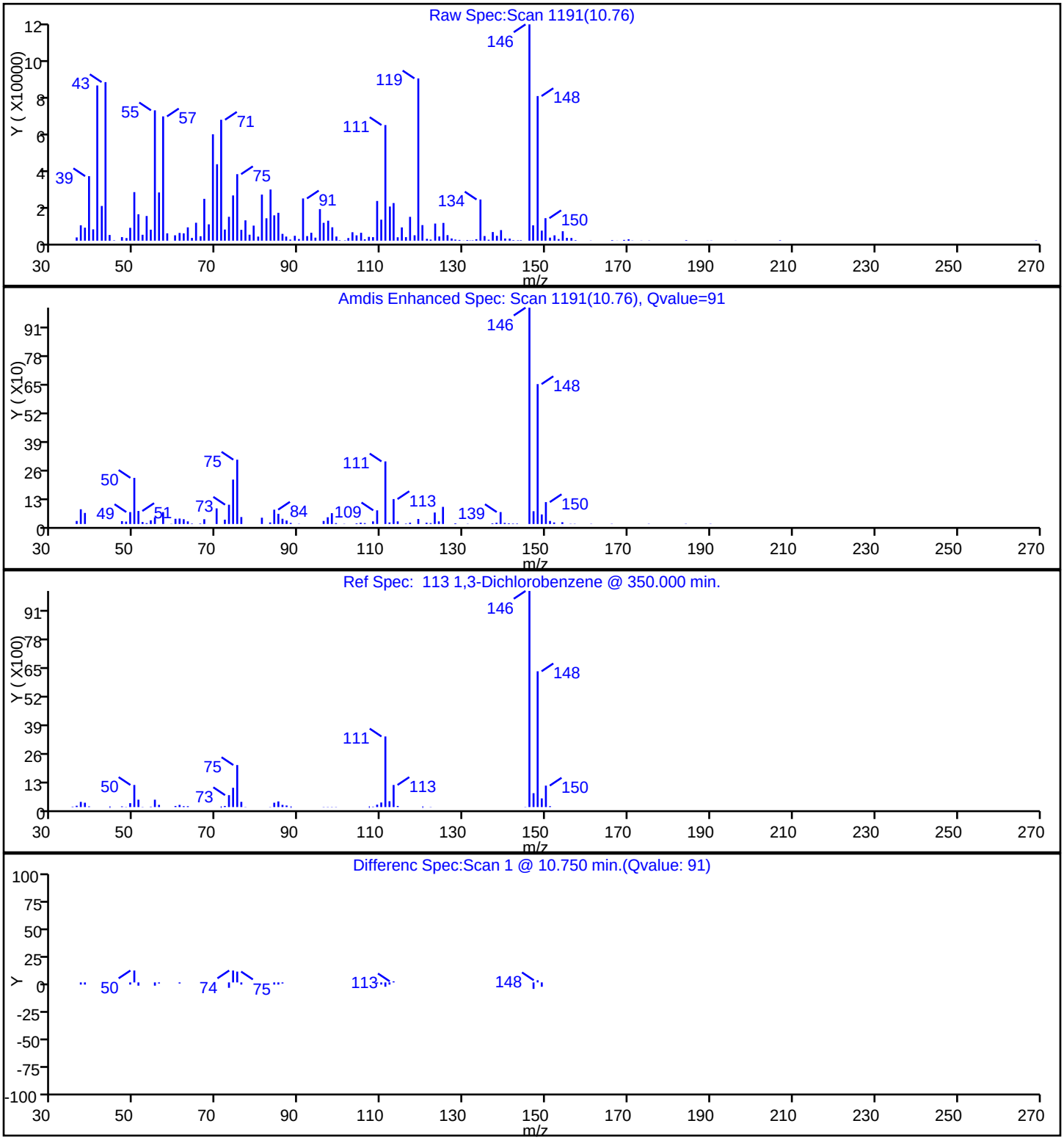
Report Date: 20-Sep-2013 16:47:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date:	19-Sep-2013 06:12:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

113 1,3-Dichlorobenzene



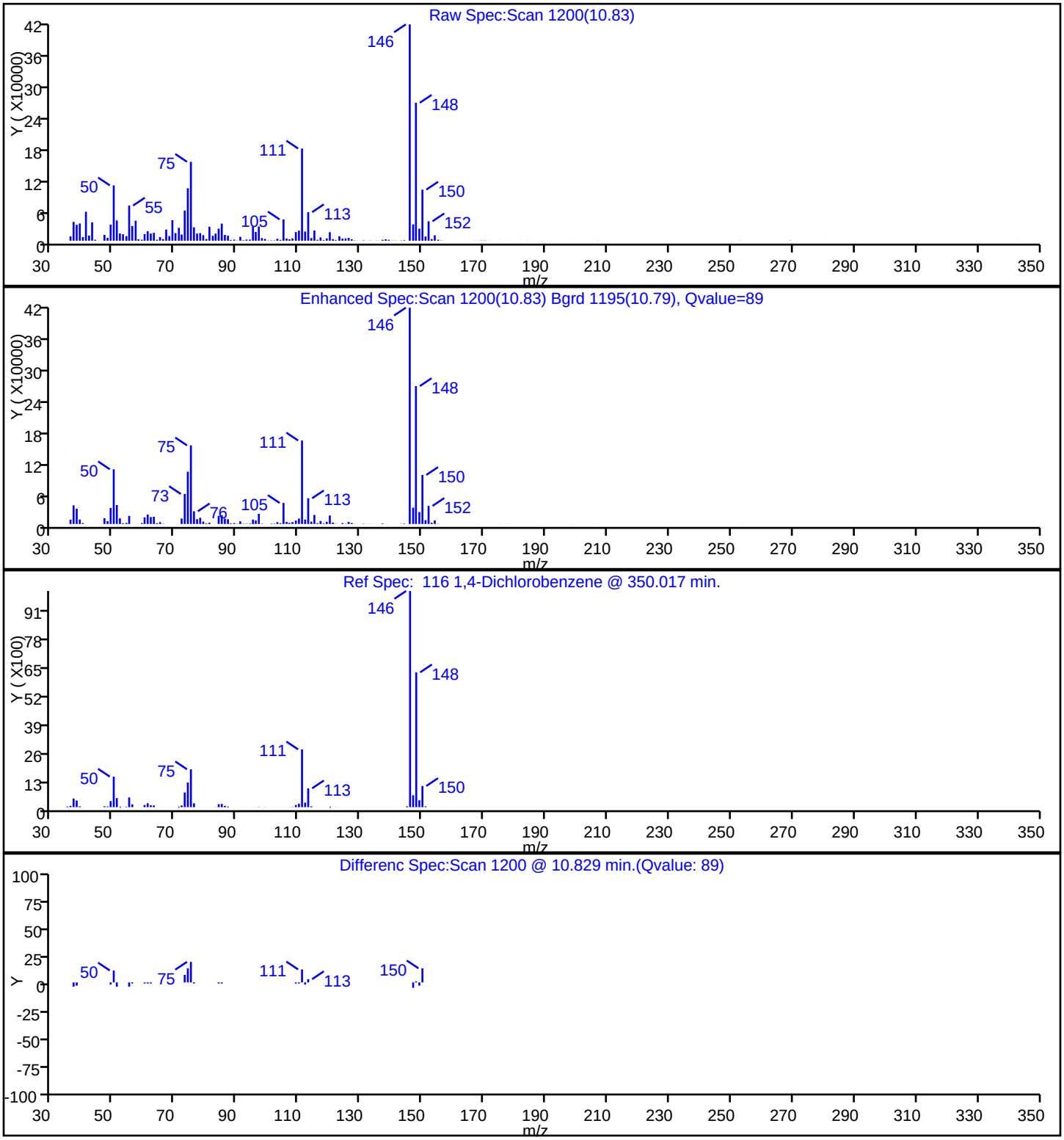
Report Date: 20-Sep-2013 16:47:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date:	19-Sep-2013 06:12:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

116 1,4-Dichlorobenzene



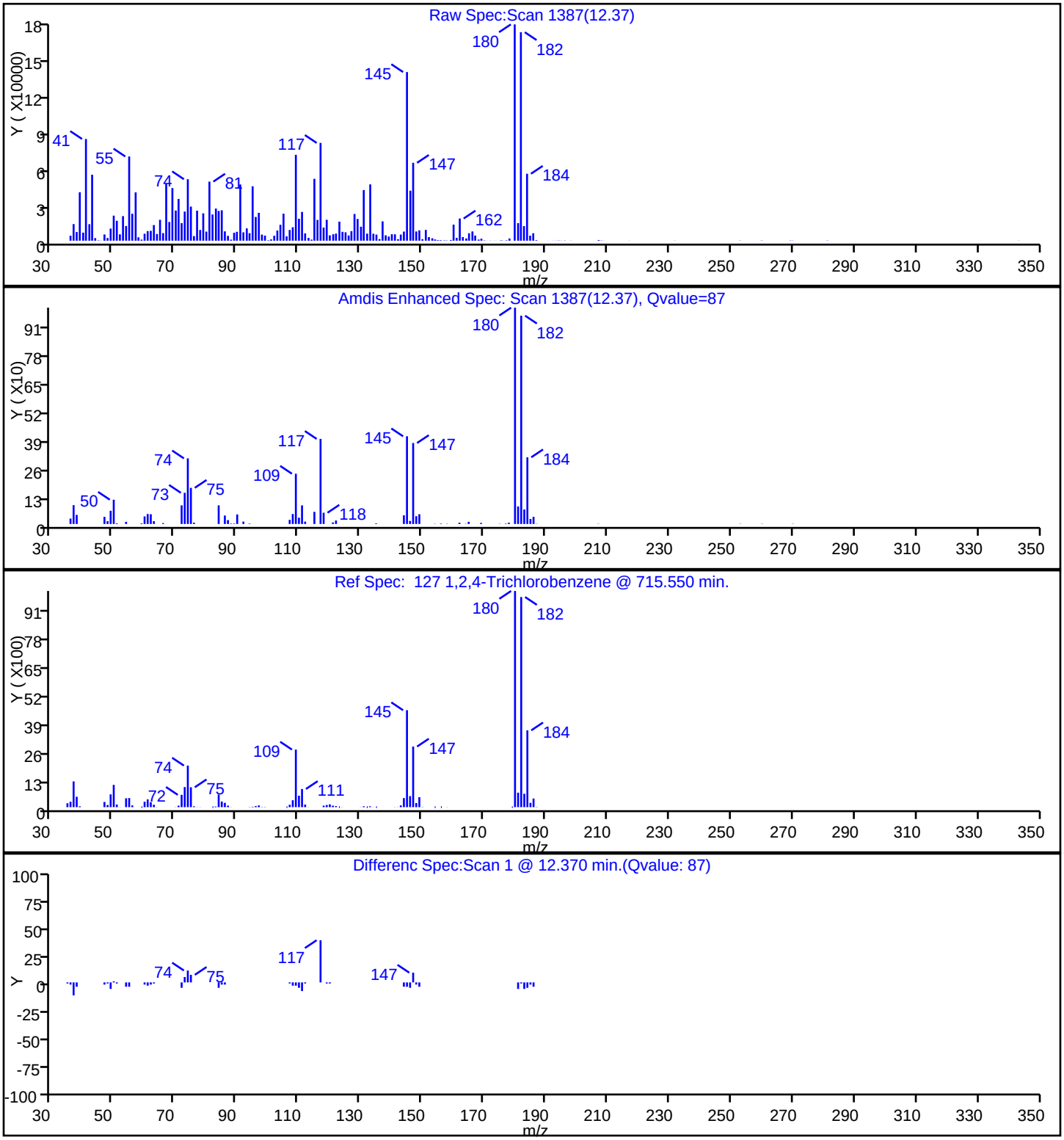
Report Date: 20-Sep-2013 16:47:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date:	19-Sep-2013 06:12:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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



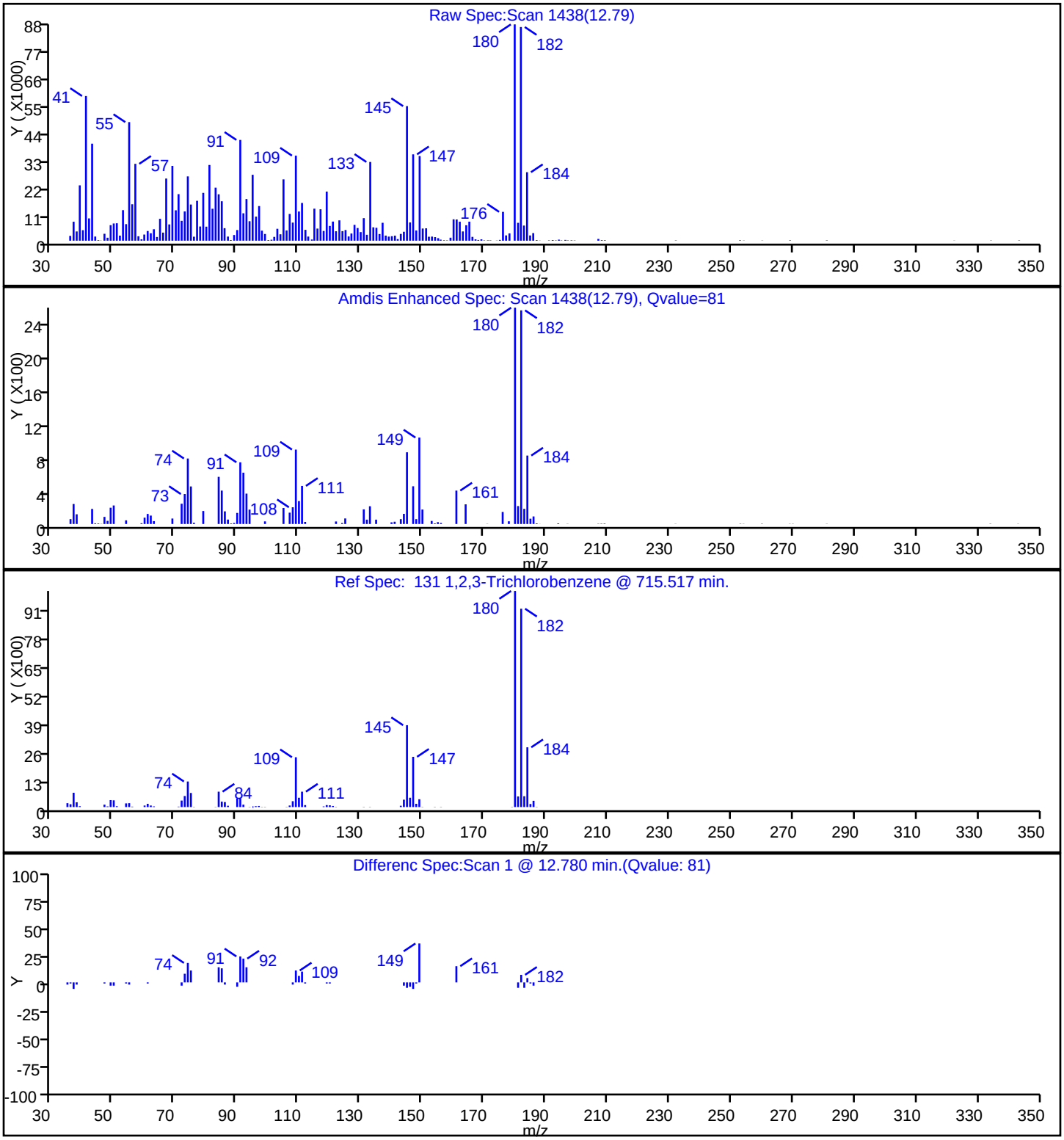
Report Date: 20-Sep-2013 16:47:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date:	19-Sep-2013 06:12:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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



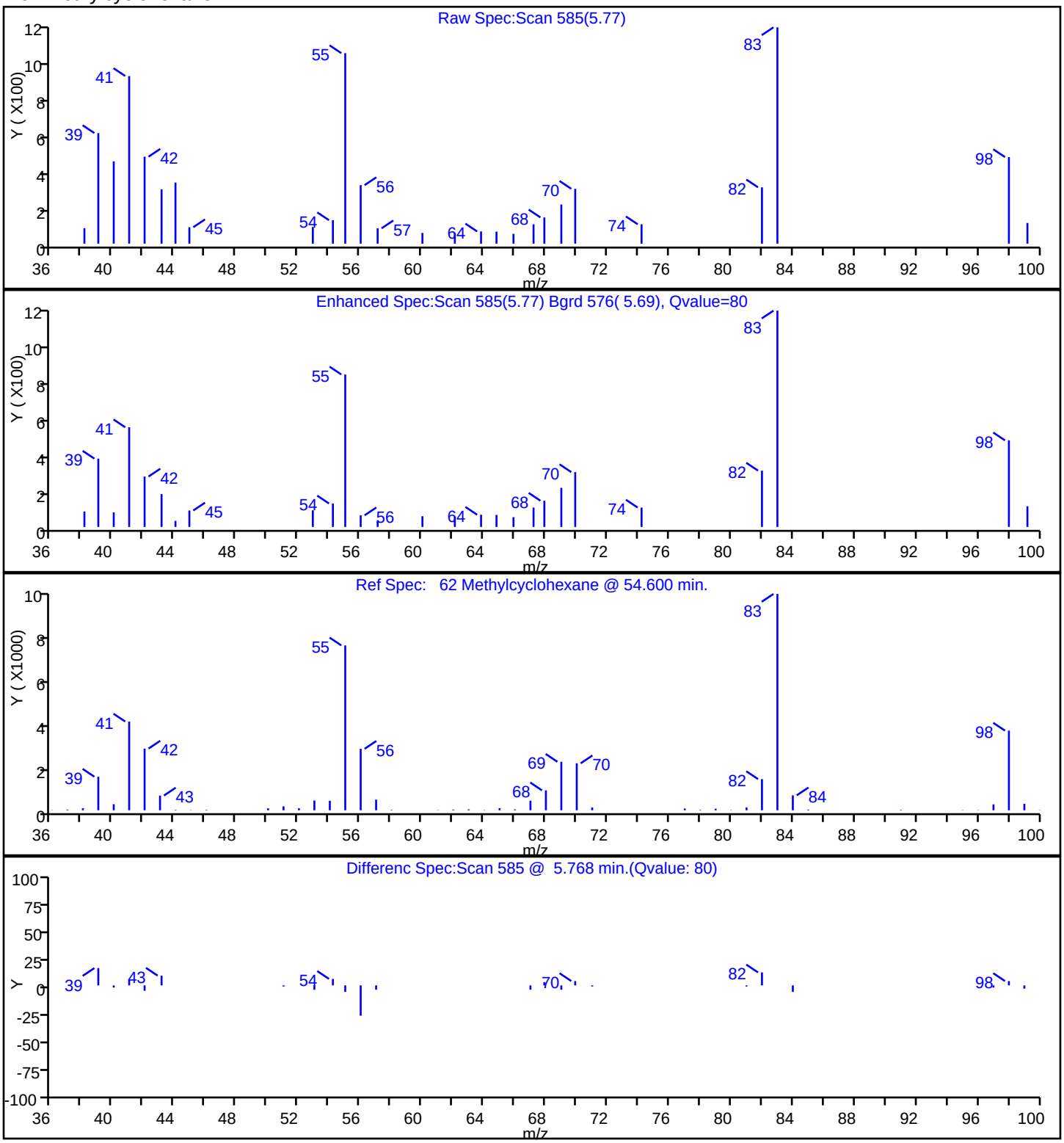
Report Date: 20-Sep-2013 16:47:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date:	19-Sep-2013 06:12:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

62 Methylcyclohexane



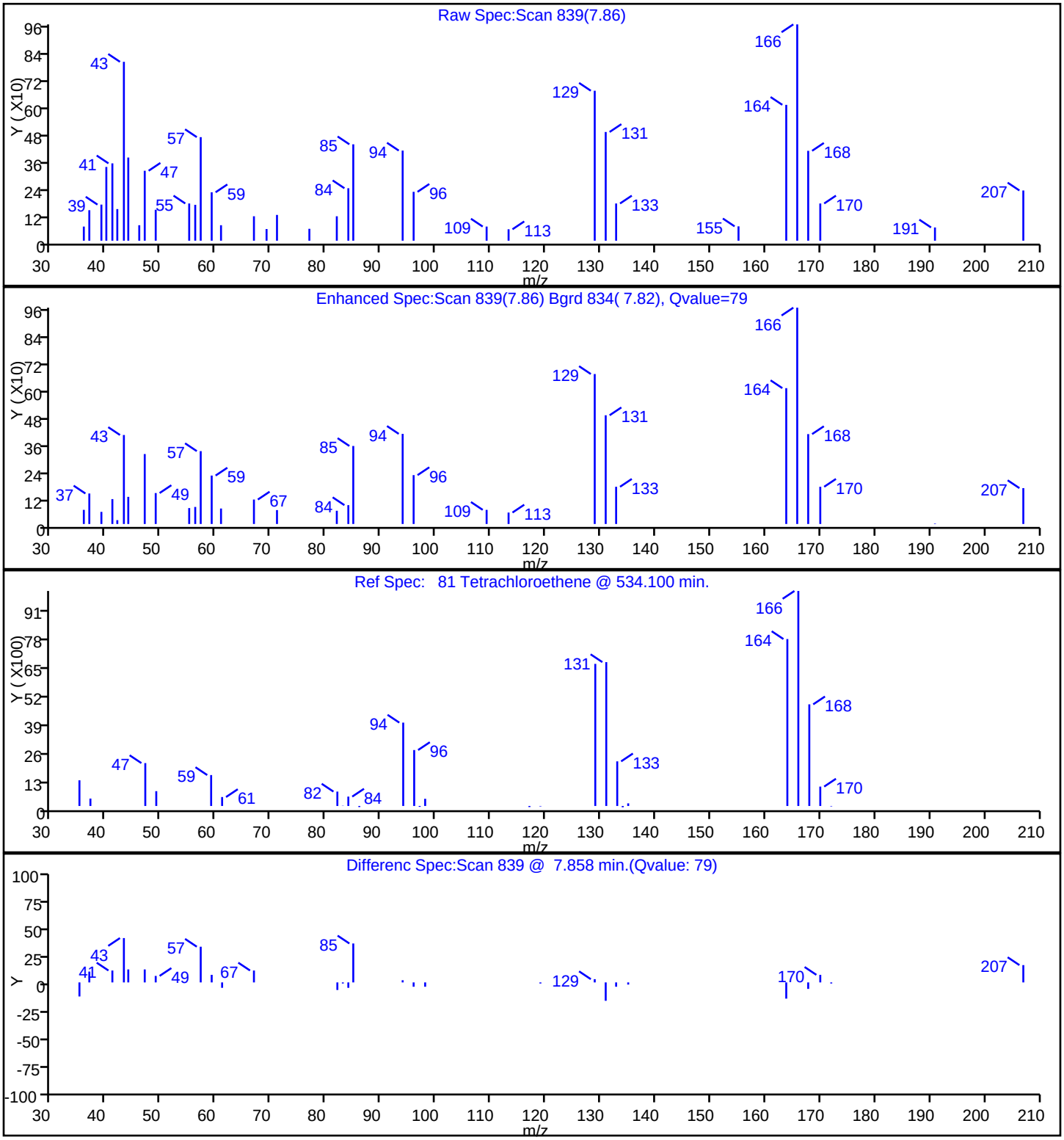
Report Date: 20-Sep-2013 16:47:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date:	19-Sep-2013 06:12:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

81 Tetrachloroethene



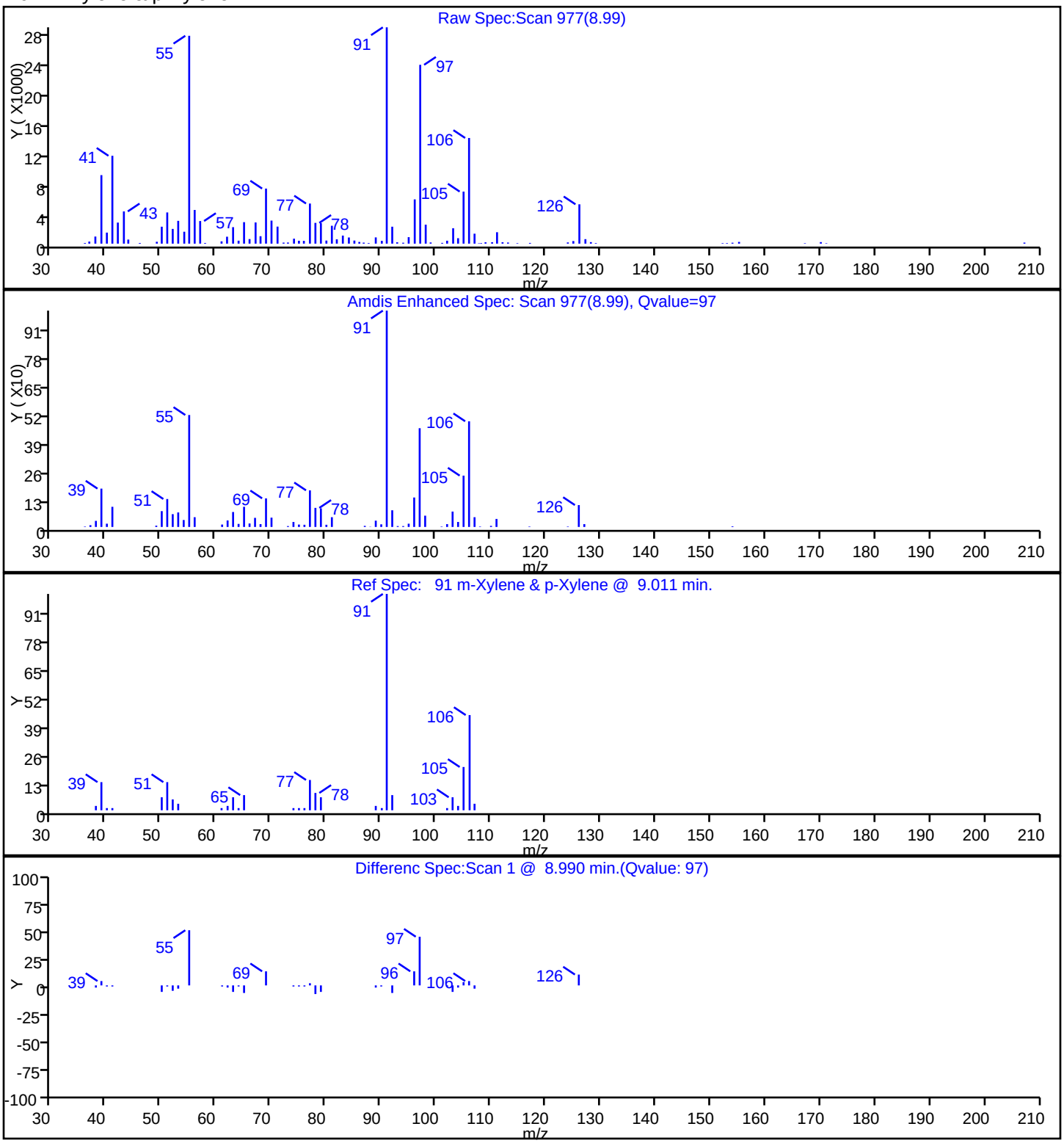
Report Date: 20-Sep-2013 16:47:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date:	19-Sep-2013 06:12:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

91 m-Xylene & p-Xylene



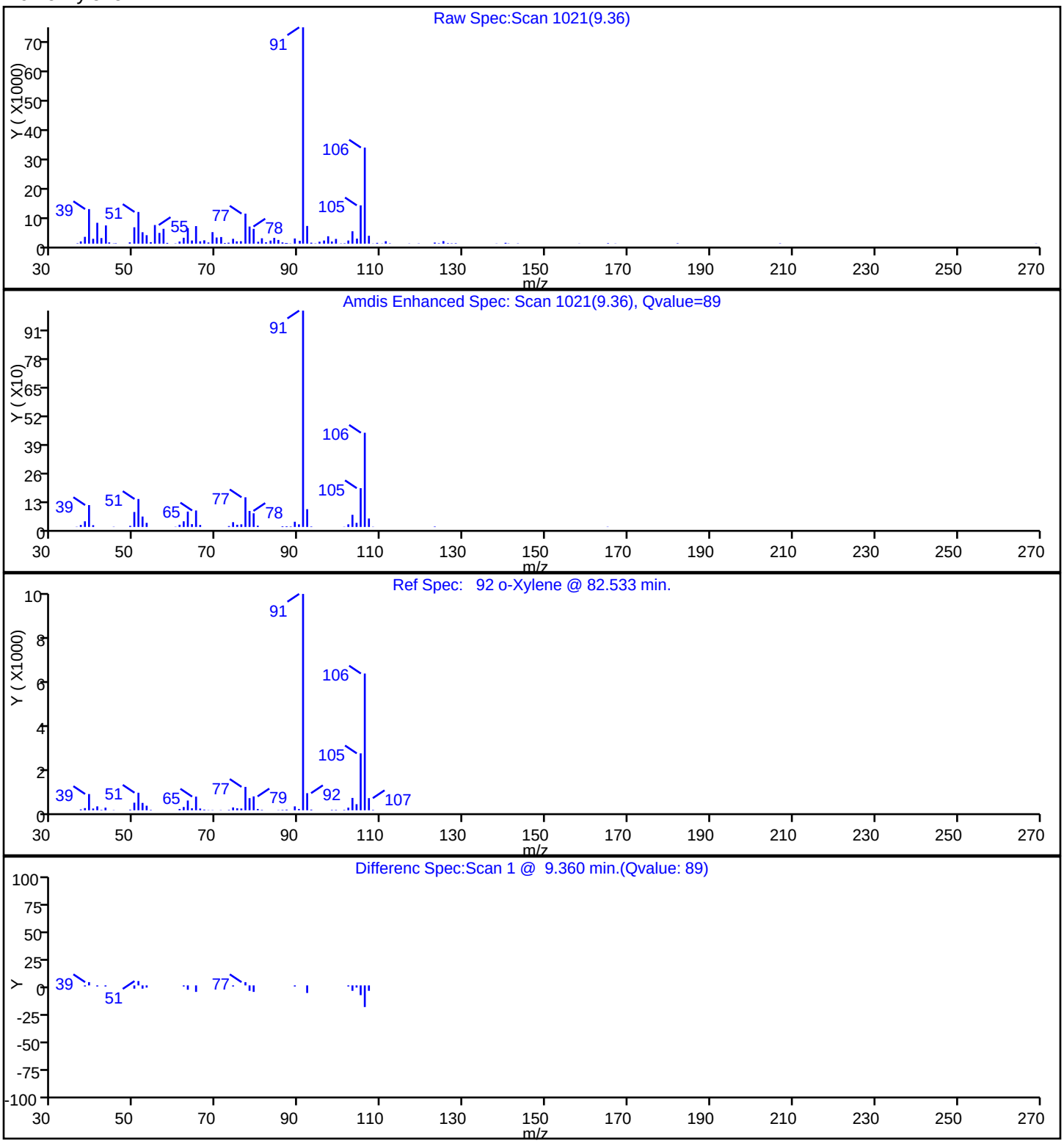
Report Date: 20-Sep-2013 16:47:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date:	19-Sep-2013 06:12:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

92 o-Xylene



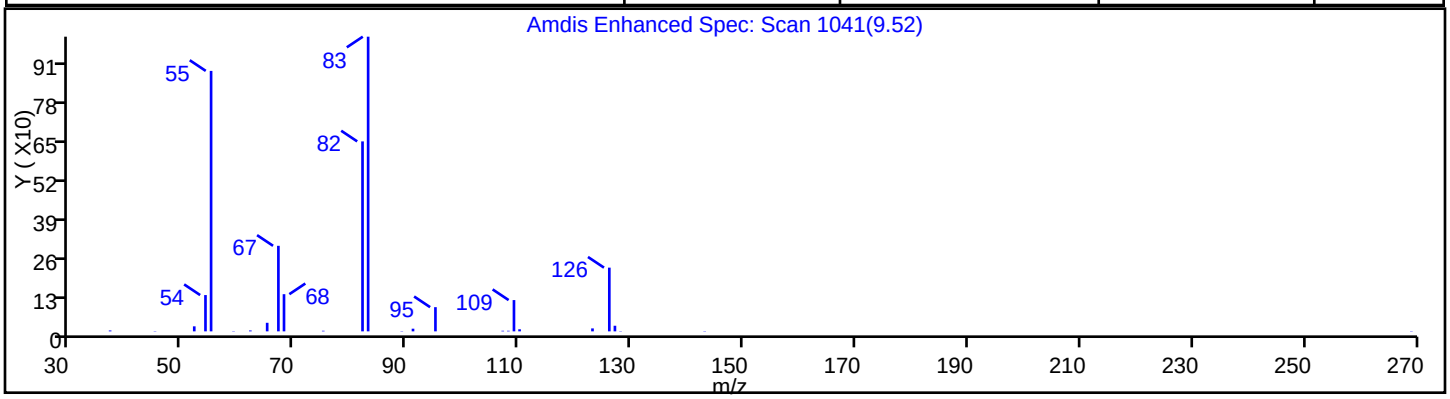
Report Date: 20-Sep-2013 16:47:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

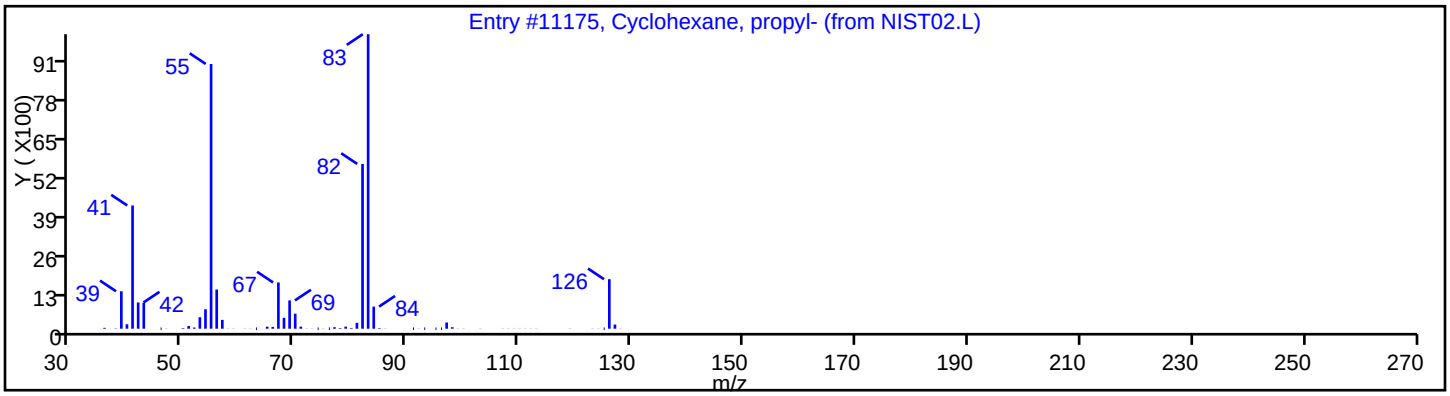
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date:	19-Sep-2013 06:12:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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 alkane		NIST02.L	0	0
Cyclohexane, propyl-	1678-92-8	NIST02.L	11175	80





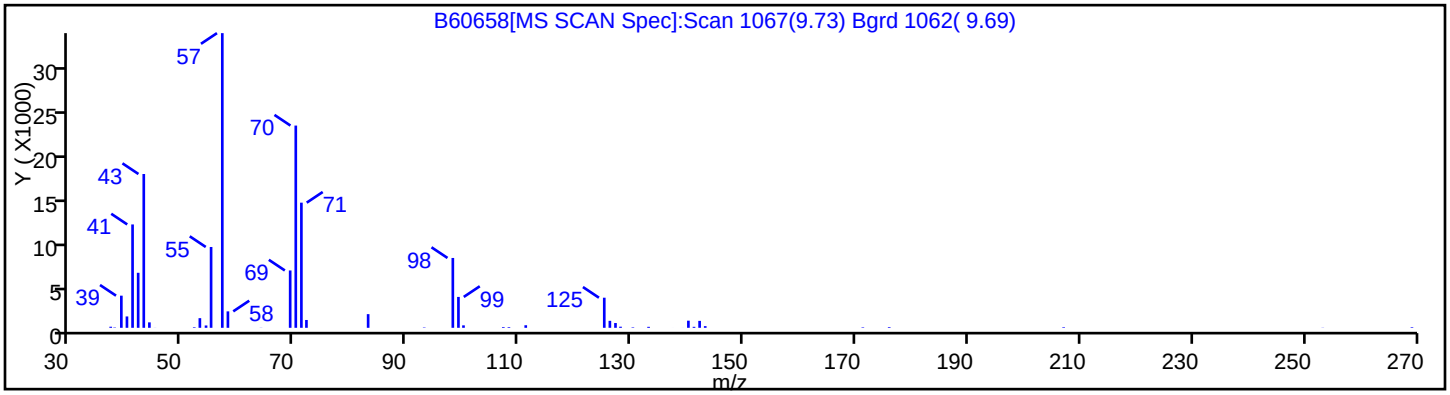
Report Date: 20-Sep-2013 16:47:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date:	19-Sep-2013 06:12:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

No Library Matches Found above the Threshold: 80



Report Date: 20-Sep-2013 16:47:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date: 19-Sep-2013 06:12:30 Limit Group: VOA - 8260B Water and Solid

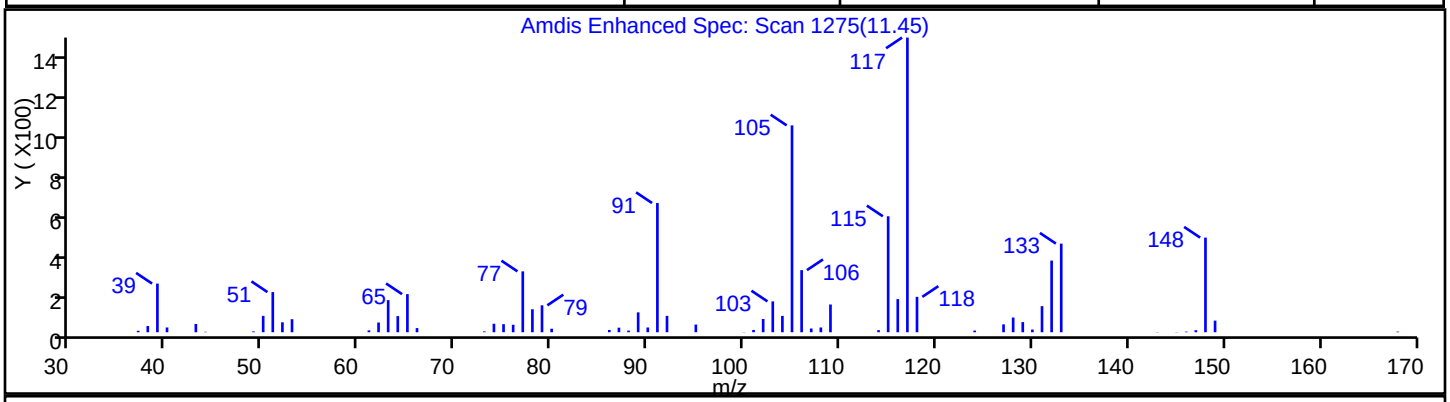
Client ID: PMP-2SE-SI Instrument ID: CVOAMS2

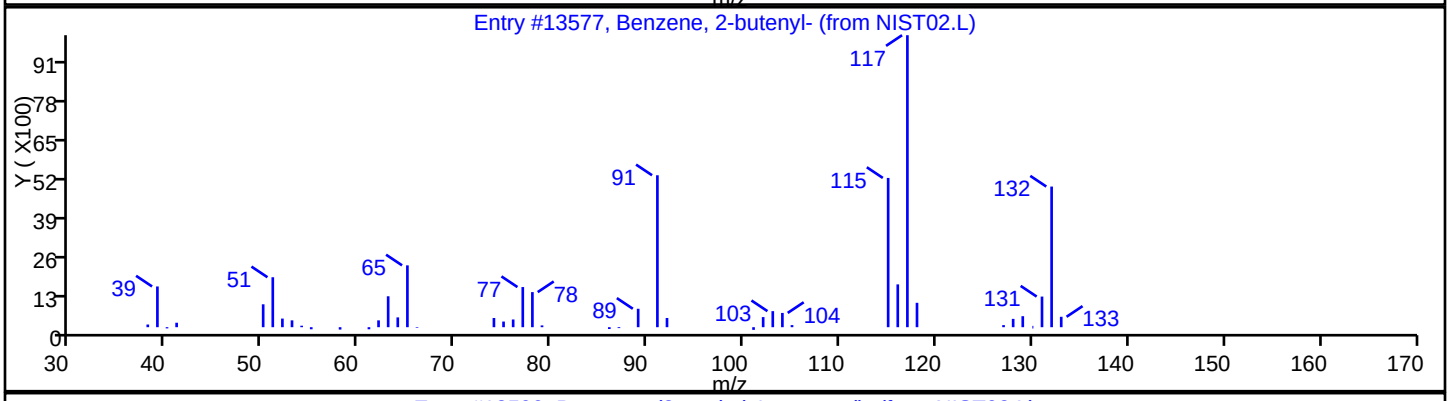
Lims Batch ID: 182063 Lims Sample ID: 22

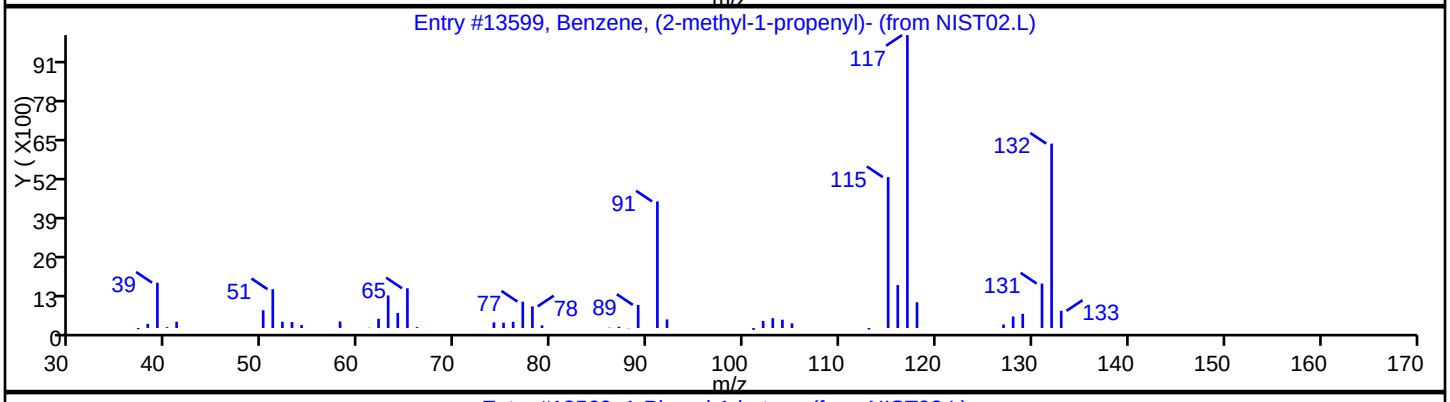
Operator ID: Purge Vol: 5.000 mL

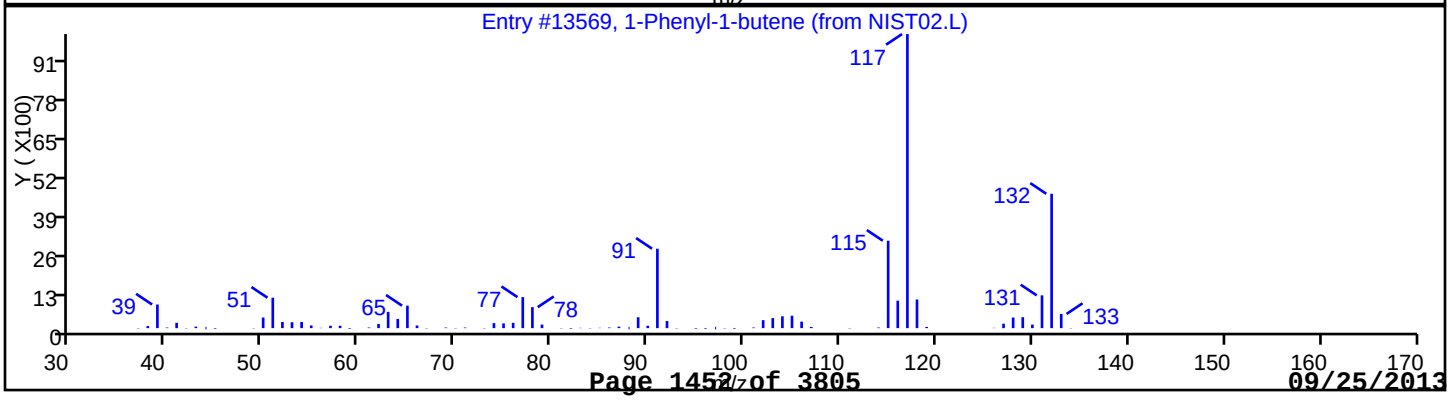
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 2-butenyl-	1560-06-1	NIST02.L	13577	95
Benzene, (2-methyl-1-propenyl)-	768-49-0	NIST02.L	13599	93
1-Phenyl-1-butene	824-90-8	NIST02.L	13569	86









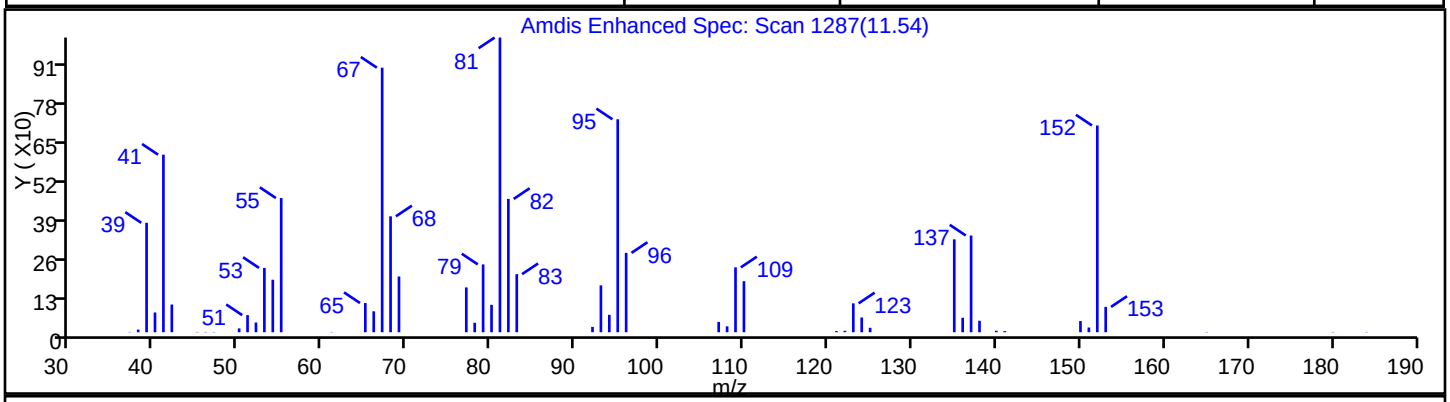
Report Date: 20-Sep-2013 16:47:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

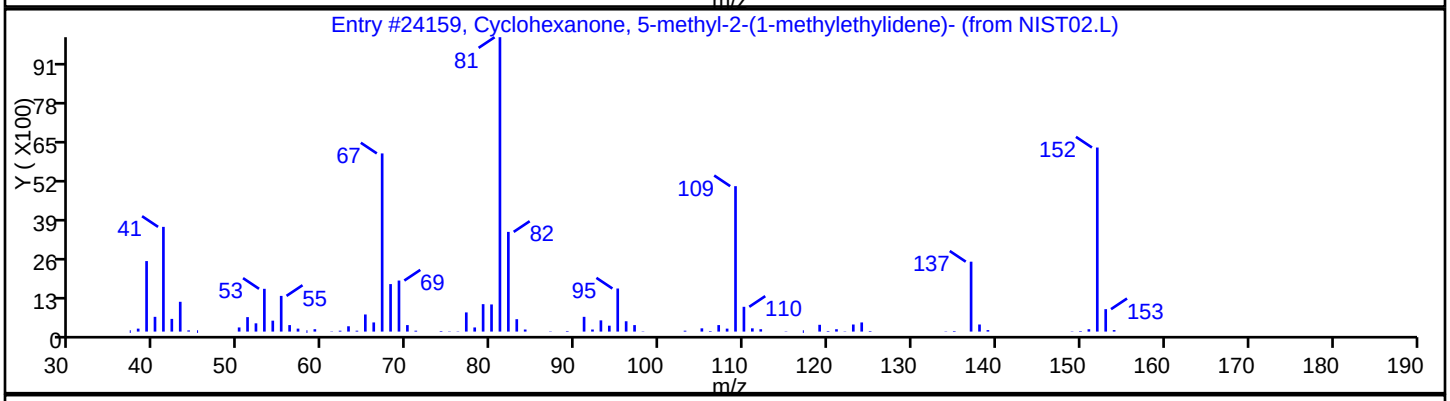
TestAmerica Edison

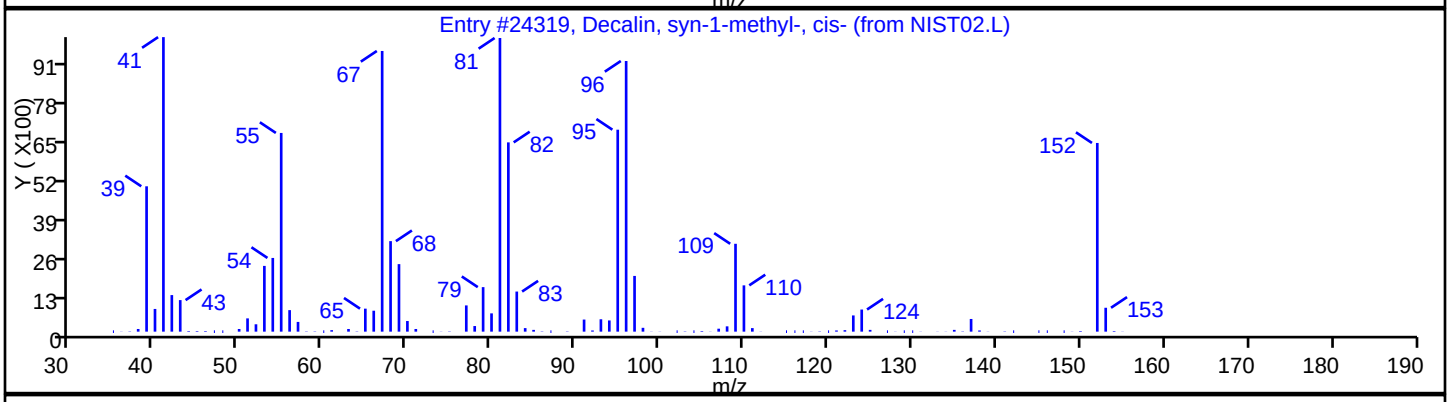
Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

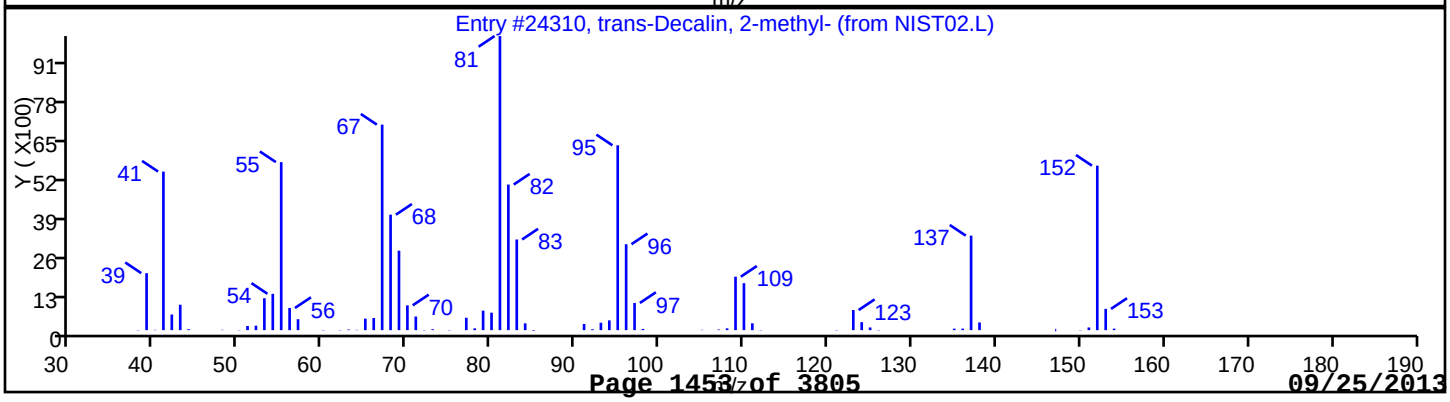
Injection Date:	19-Sep-2013 06:12:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	22
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Cyclohexanone, 5-methyl-2-(1-methylethyl	15932-80-6	NIST02.L	24159	86
Decalin, syn-1-methyl-, cis-	1000158-89-1	NIST02.L	24319	81
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	81









Report Date: 20-Sep-2013 16:47:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date: 19-Sep-2013 06:12:30 Limit Group: VOA - 8260B Water and Solid

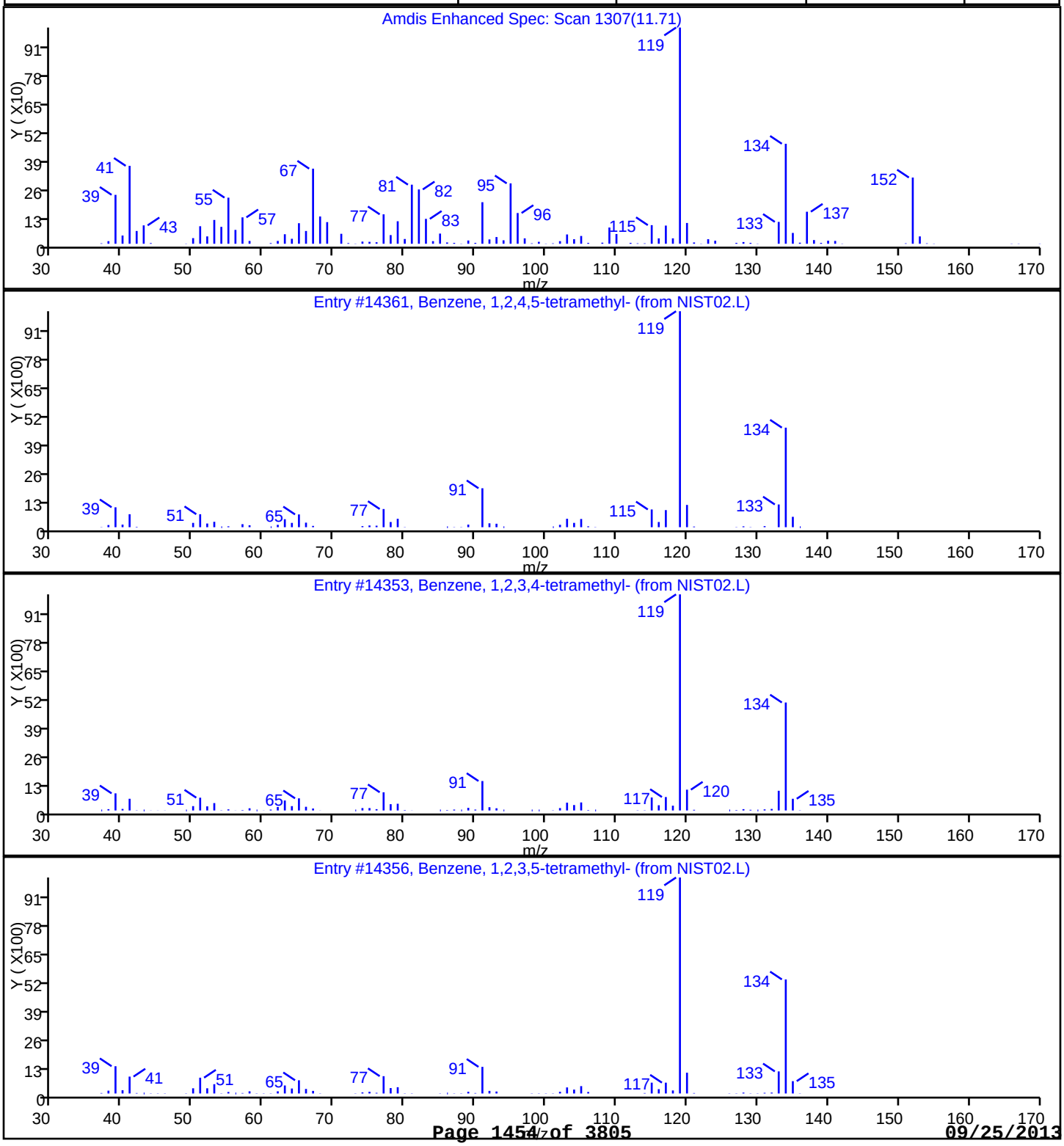
Client ID: PMP-2SE-SI Instrument ID: CVOAMS2

Lims Batch ID: 182063 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, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	95
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14353	90
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14356	90

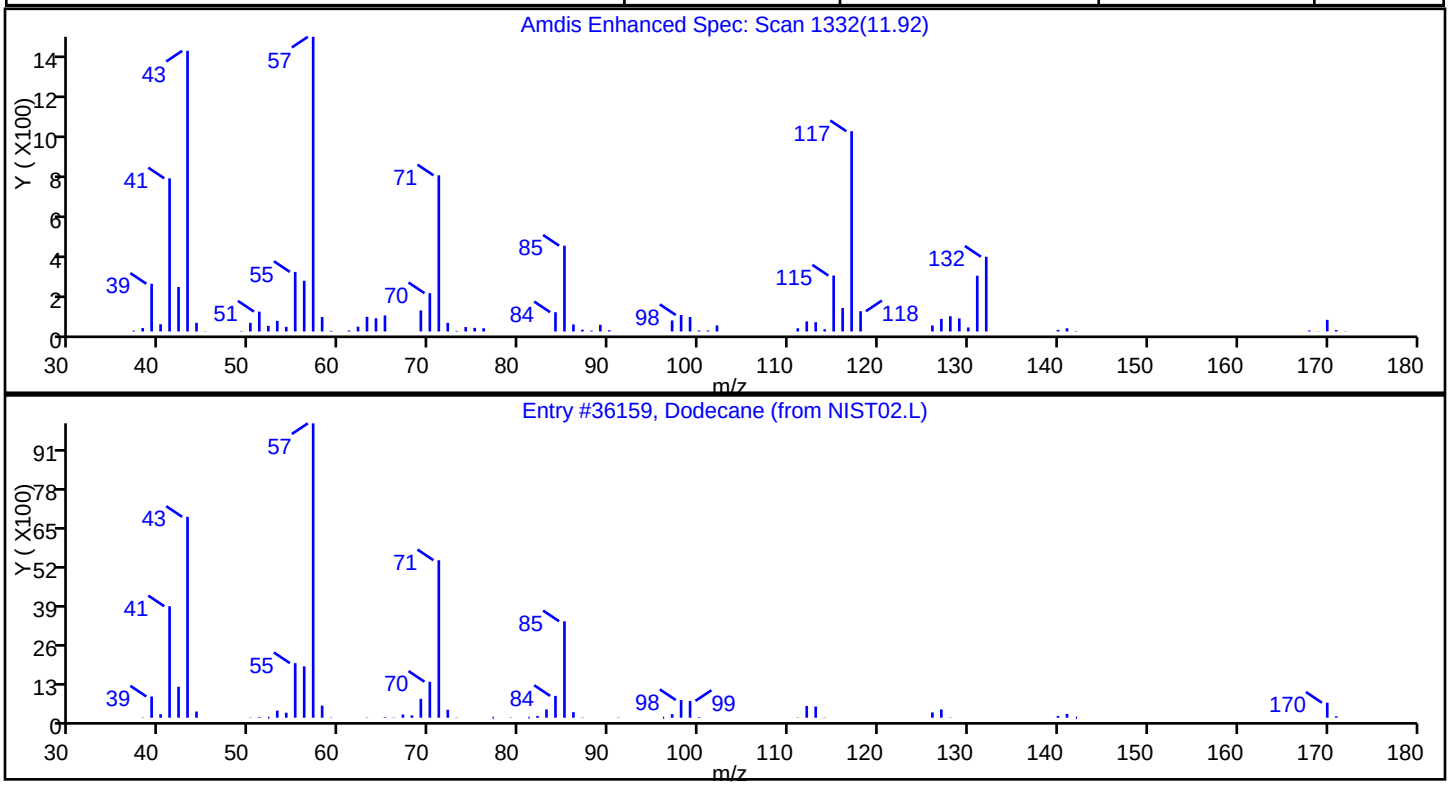


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date:	19-Sep-2013 06:12:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-2SE-SI	Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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
Dodecane	112-40-3	NIST02.L	36159	95



Report Date: 20-Sep-2013 16:47:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date: 19-Sep-2013 06:12:30 Limit Group: VOA - 8260B Water and Solid

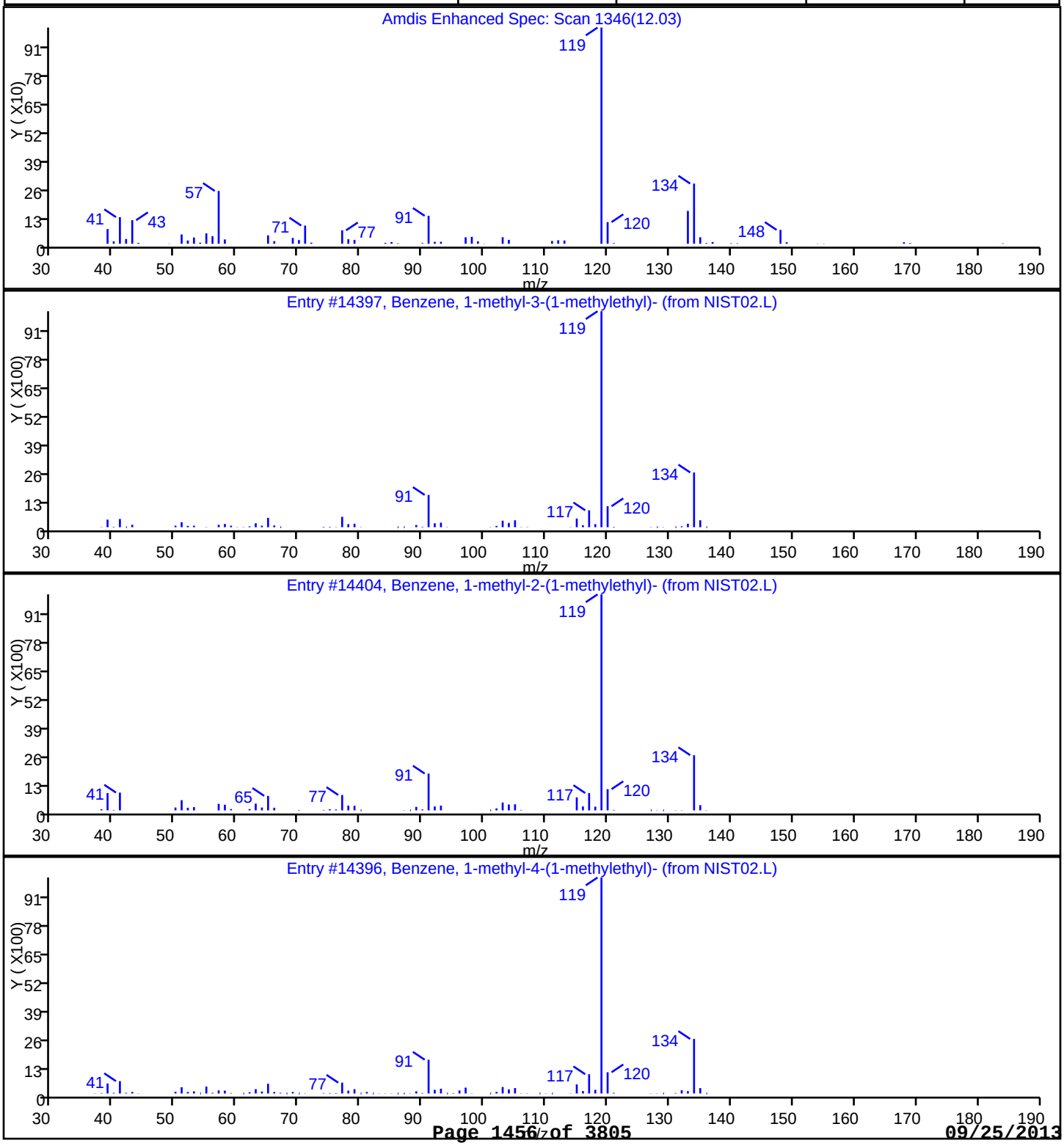
Client ID: PMP-2SE-SI Instrument ID: CVOAMS2

Lims Batch ID: 182063 Lims Sample ID: 22

Operator ID: Purge Vol: 5.000 mL

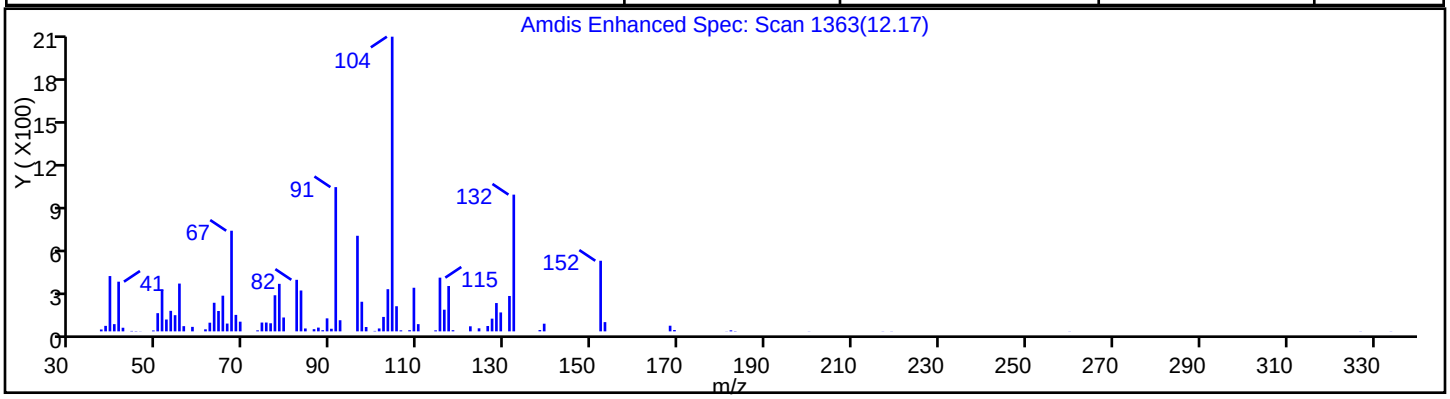
Column Type: Rtx-624 Column Dia: 0.25 mm

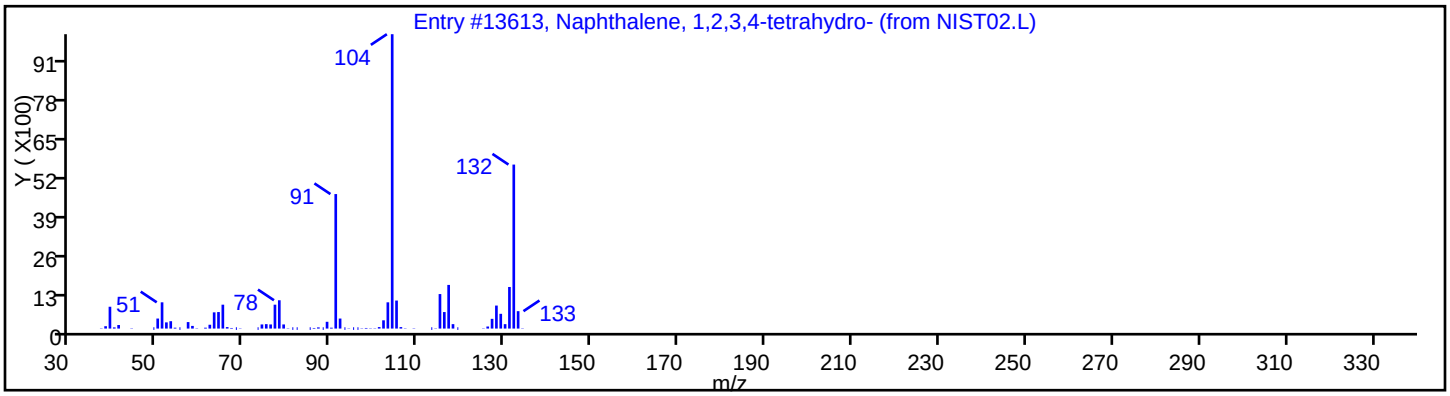
Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.L	14397	80
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14404	80
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.L	14396	80



Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D
Injection Date: 19-Sep-2013 06:12:30 Limit Group: VOA - 8260B Water and Solid
Client ID: PMP-2SE-SI Instrument ID: CVOAMS2
Lims Batch ID: 182063 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		NIST02.L	0	0
Naphthalene, 1,2,3,4-tetrahydro-	119-64-2	NIST02.L	13613	93





Report Date: 20-Sep-2013 16:47:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date: 19-Sep-2013 06:12:30 Limit Group: VOA - 8260B Water and Solid

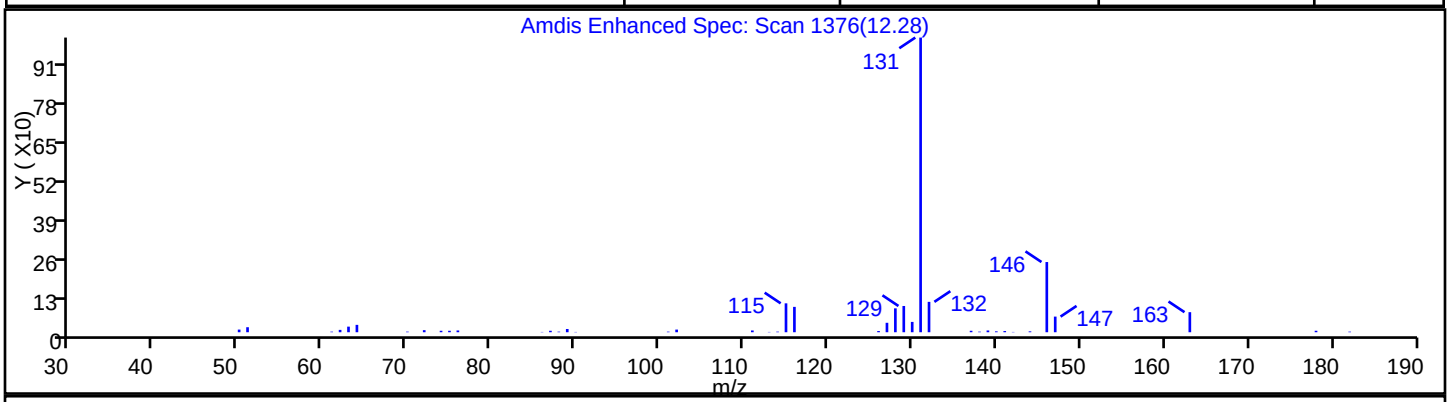
Client ID: PMP-2SE-SI Instrument ID: CVOAMS2

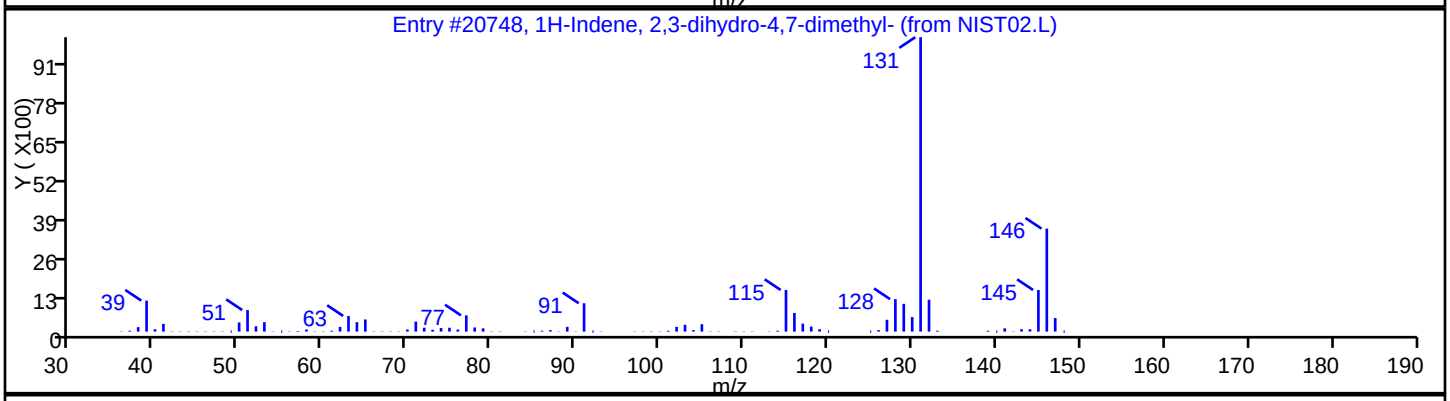
Lims Batch ID: 182063 Lims Sample ID: 22

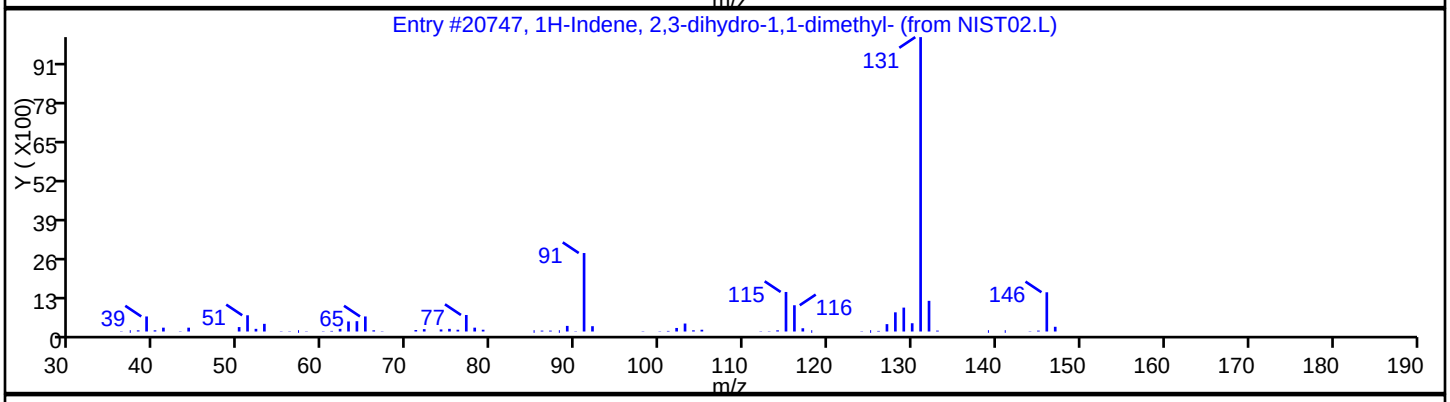
Operator ID: Purge Vol: 5.000 mL

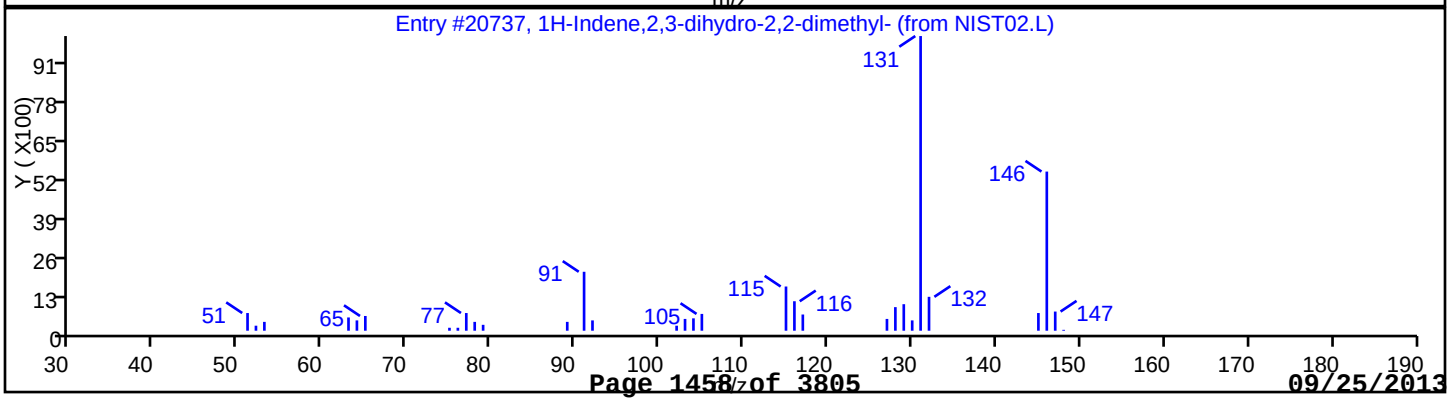
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20748	91
1H-Indene, 2,3-dihydro-1,1-dimethyl-	4912-92-9	NIST02.L	20747	91
1H-Indene,2,3-dihydro-2,2-dimethyl-	20836-11-7	NIST02.L	20737	91









Report Date: 20-Sep-2013 16:47:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60658.D

Injection Date: 19-Sep-2013 06:12:30 Limit Group: VOA - 8260B Water and Solid

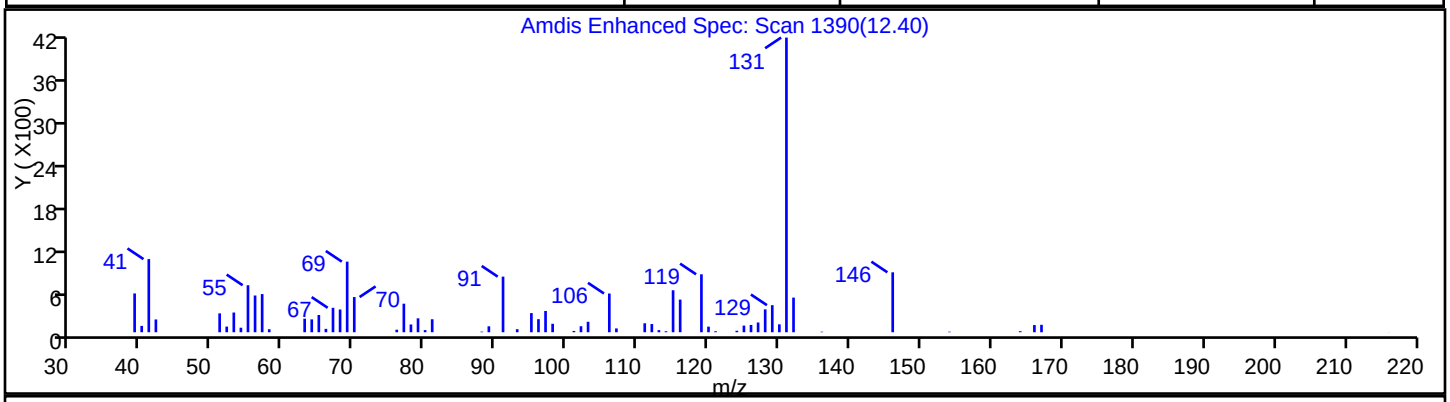
Client ID: PMP-2SE-SI Instrument ID: CVOAMS2

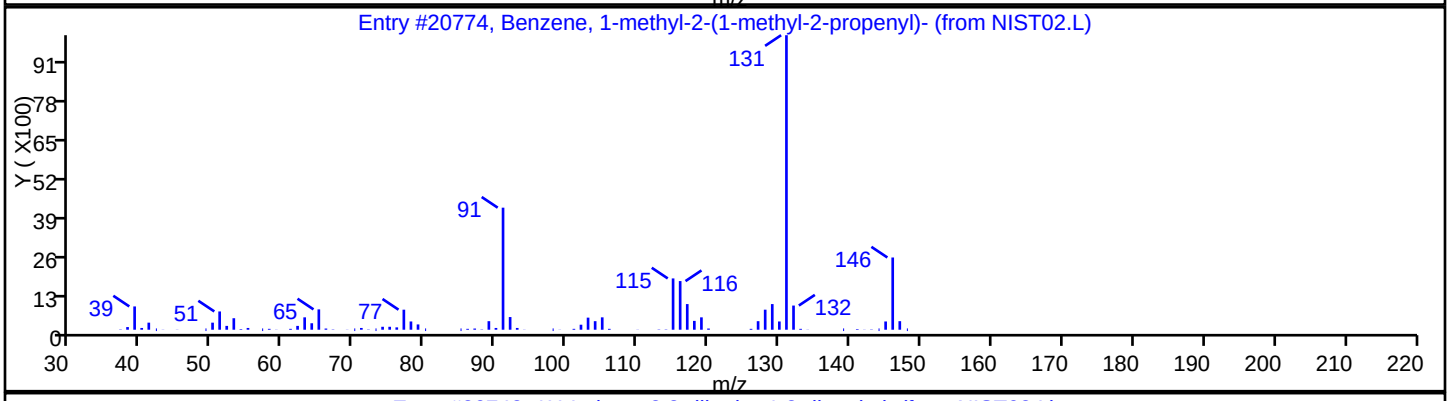
Lims Batch ID: 182063 Lims Sample ID: 22

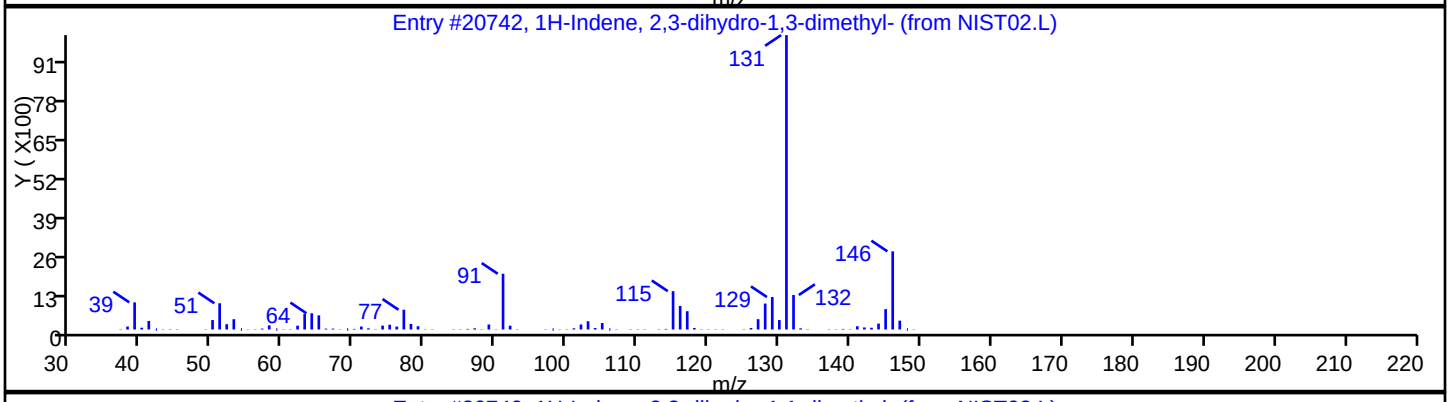
Operator ID: Purge Vol: 5.000 mL

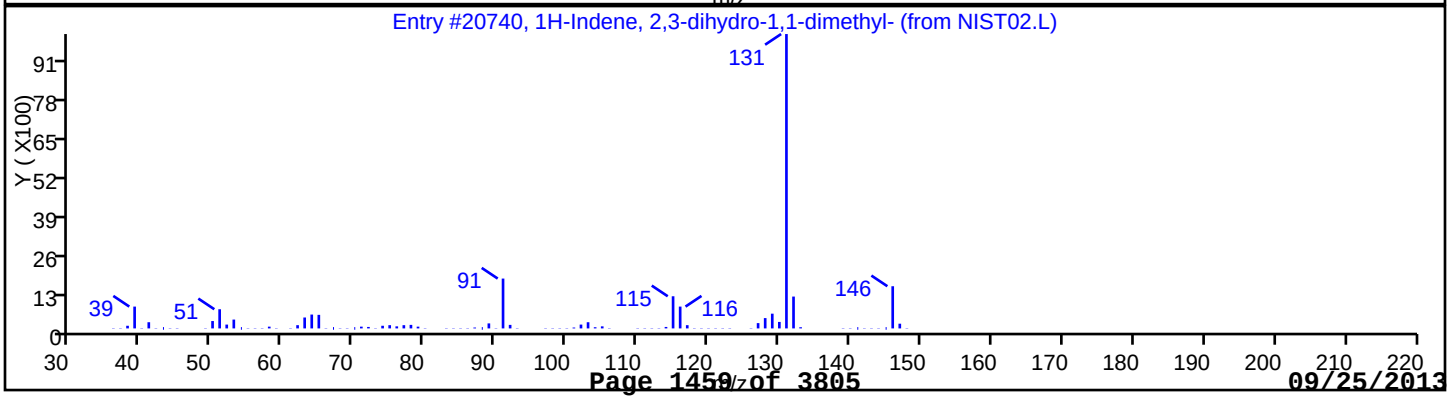
Column Type: Rtx-624 Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzene, 1-methyl-2-(1-methyl-2-propenyl	97664-19-2	NIST02.L	20774	83
1H-Indene, 2,3-dihydro-1,3-dimethyl-	4175-53-5	NIST02.L	20742	81
1H-Indene, 2,3-dihydro-1,1-dimethyl-	4912-92-9	NIST02.L	20740	81









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VS | Lab Sample ID: 460-62968-34

Matrix: Solid | Lab File ID: D363232.D

Analysis Method: 8260B | Date Collected: 09/12/2013 16:15

Sample wt/vol: 5.403(g) | Date Analyzed: 09/21/2013 09:43

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.: 182467 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	0.98	0.16
74-83-9	Bromomethane	0.42	U	0.98	0.42
75-01-4	Vinyl chloride	0.33	U	0.98	0.33
75-00-3	Chloroethane	0.32	U	0.98	0.32
75-09-2	Methylene Chloride	0.15	U	0.98	0.15
67-64-1	Acetone	1.7	U	4.9	1.7
75-15-0	Carbon disulfide	0.15	U	0.98	0.15
75-69-4	Trichlorofluoromethane	0.16	U	0.98	0.16
75-35-4	1,1-Dichloroethene	0.19	U	0.98	0.19
75-34-3	1,1-Dichloroethane	0.11	U	0.98	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	0.98	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	0.98	0.11
67-66-3	Chloroform	2.5		0.98	0.23
78-93-3	2-Butanone	0.62	U	4.9	0.62
107-06-2	1,2-Dichloroethane	0.18	U	0.98	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	0.98	0.13
56-23-5	Carbon tetrachloride	0.15	U	0.98	0.15
71-43-2	Benzene	0.17	J	0.98	0.15
75-25-2	Bromoform	0.17	U	0.98	0.17
100-42-5	Styrene	0.27	U	0.98	0.27
100-41-4	Ethylbenzene	0.17	U	0.98	0.17
108-90-7	Chlorobenzene	0.18	U	0.98	0.18
110-82-7	Cyclohexane	0.13	U	0.98	0.13
98-82-8	Isopropylbenzene	0.11	U	0.98	0.11
591-78-6	2-Hexanone	0.13	U	4.9	0.13
1634-04-4	MTBE	0.11	U	0.98	0.11
76-13-1	Freon TF	0.11	U	0.98	0.11
79-20-9	Methyl acetate	0.31	U	0.98	0.31
123-91-1	1,4-Dioxane	12	U	20	12
79-01-6	Trichloroethene	2.4		0.98	0.12
108-88-3	Toluene	0.14	U	0.98	0.14
10061-02-6	trans-1,3-Dichloropropene	0.098	U	0.98	0.098
108-10-1	4-Methyl-2-pentanone	0.20	U	4.9	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.98	0.14
95-50-1	1,2-Dichlorobenzene	0.098	U	0.98	0.098
541-73-1	1,3-Dichlorobenzene	0.16	U	0.98	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VS | Lab Sample ID: 460-62968-34

Matrix: Solid | Lab File ID: D363232.D

Analysis Method: 8260B | Date Collected: 09/12/2013 16:15

Sample wt/vol: 5.403(g) | Date Analyzed: 09/21/2013 09:43

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.: 182467 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	0.98	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	0.98	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	0.98	0.16
78-87-5	1,2-Dichloropropane	0.15	U *	0.98	0.15
108-87-2	Methylcyclohexane	0.098	U	0.98	0.098
127-18-4	Tetrachloroethene	0.58	J	0.98	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	0.98	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.088	U *	0.98	0.088
79-00-5	1,1,2-Trichloroethane	0.14	U	0.98	0.14
124-48-1	Dibromochloromethane	0.098	U	0.98	0.098
106-93-4	1,2-Dibromoethane	0.15	U	0.98	0.15
75-71-8	Dichlorodifluoromethane	0.21	U	0.98	0.21
74-97-5	Bromochloromethane	0.11	U	0.98	0.11
75-27-4	Bromodichloromethane	0.31	U	0.98	0.31

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-130
2037-26-5	Toluene-d8 (Surr)	114		70-130
460-00-4	Bromofluorobenzene	123		70-130
1868-53-7	Dibromofluoromethane (Surr)	114		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VS Lab Sample ID: 460-62968-34

Matrix: Solid Lab File ID: D363232.D

Analysis Method: 8260B Date Collected: 09/12/2013 16:15

Sample wt/vol: 5.403(g) Date Analyzed: 09/21/2013 09:43

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.: 182467 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\CVOAMS4\20130921-4869.b\D363232.D		
Lims ID:	460-62968-B-34-A	Client ID:	PMP-22SE-VS
Inject. Date:	21-Sep-2013 09:43:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-B-34-A		
Misc. Info.:	460-0004869-017		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	16
Lims Batch ID:	182467	Lims Sample ID:	17
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\8260S_4.m		
Last Update:	22-Sep-2013 10:37:41	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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:	XAWRK048		
First Level Reviewer: delpolitov		Date:	22-Sep-2013 10:37:41

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.647	2.647	0.0	62	221109	1000.0	
47 Chloroform	83	3.572	3.576	-0.004	82	24422	2.61	
$ 152 Dibromofluoromethane (Surr)	113	3.721	3.726	-0.005	91	206993	57.0	
53 Benzene	78	4.039	4.058	-0.019	1	2631	0.1786	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.173	4.178	-0.005	94	196942	51.0	
* 59 Fluorobenzene	96	4.434	4.438	-0.004	99	619532	50.0	
61 Trichloroethene	95	4.597	4.597	0.0	72	13316	2.49	
* 150 1,4-Dioxane-d8	96	5.406	5.416	-0.010	1	18140	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.100	6.104	-0.004	99	655345	57.2	
80 Tetrachloroethene	166	6.615	6.610	0.005	21	3173	0.5904	M
* 87 Chlorobenzene-d5	117	7.795	7.799	-0.004	85	431802	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	95	194743	61.6	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	95	204313	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

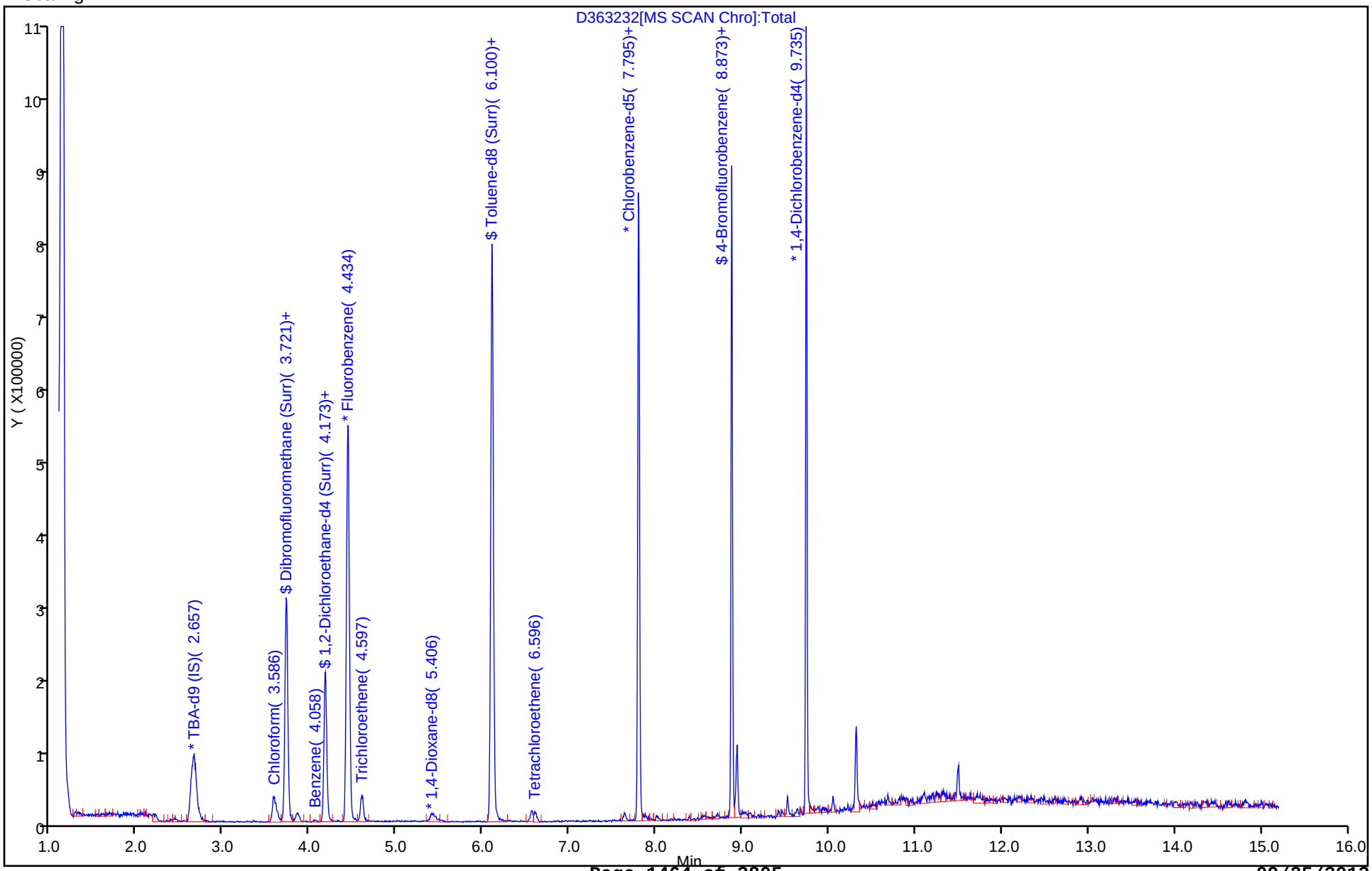
Report Date: 22-Sep-2013 10:37:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363232.D

Injection Date:	21-Sep-2013 09:43:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-22SE-VS	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	17
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



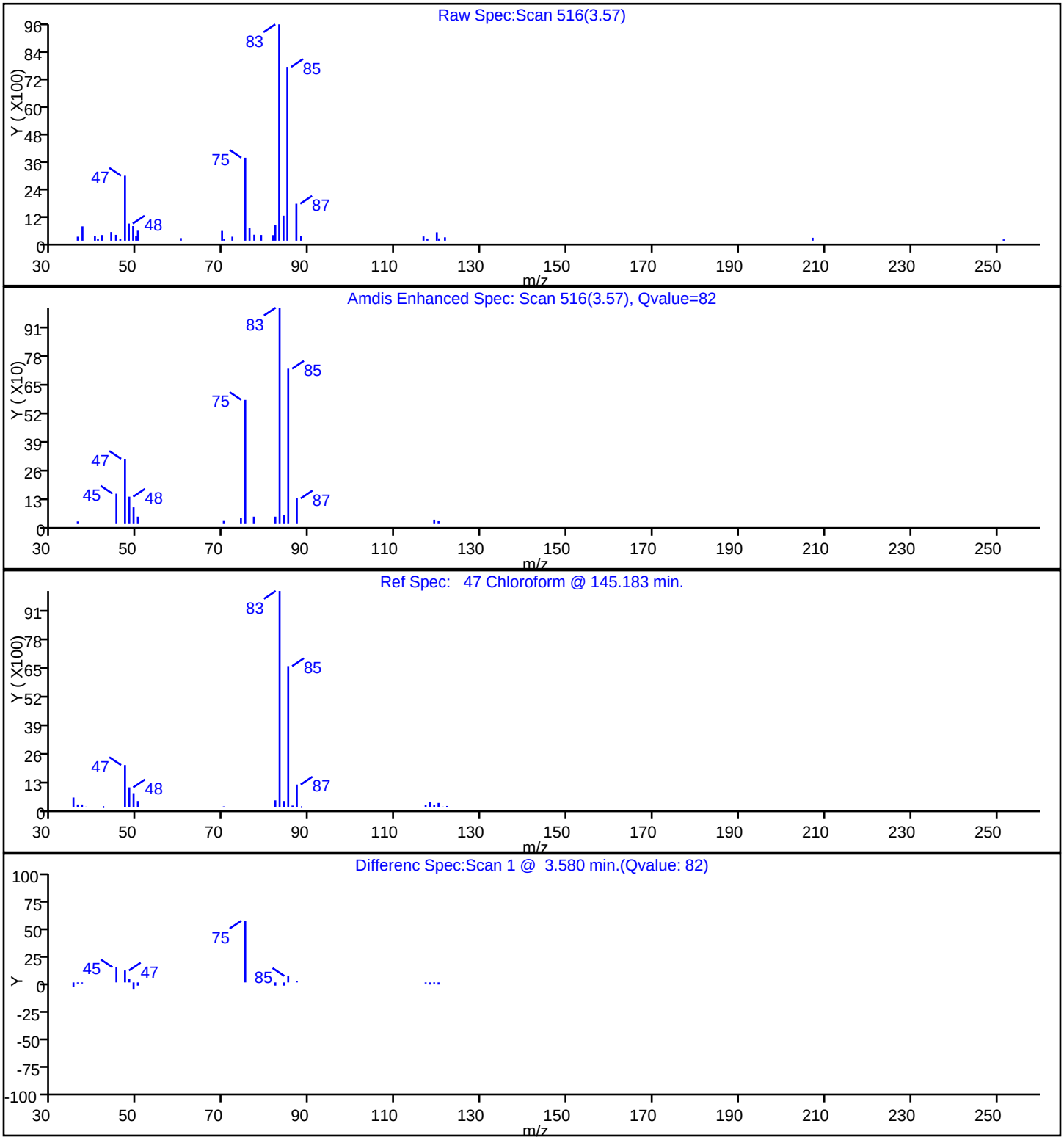
Report Date: 22-Sep-2013 10:37:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363232.D

Injection Date:	21-Sep-2013 09:43:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-22SE-VS	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	17
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



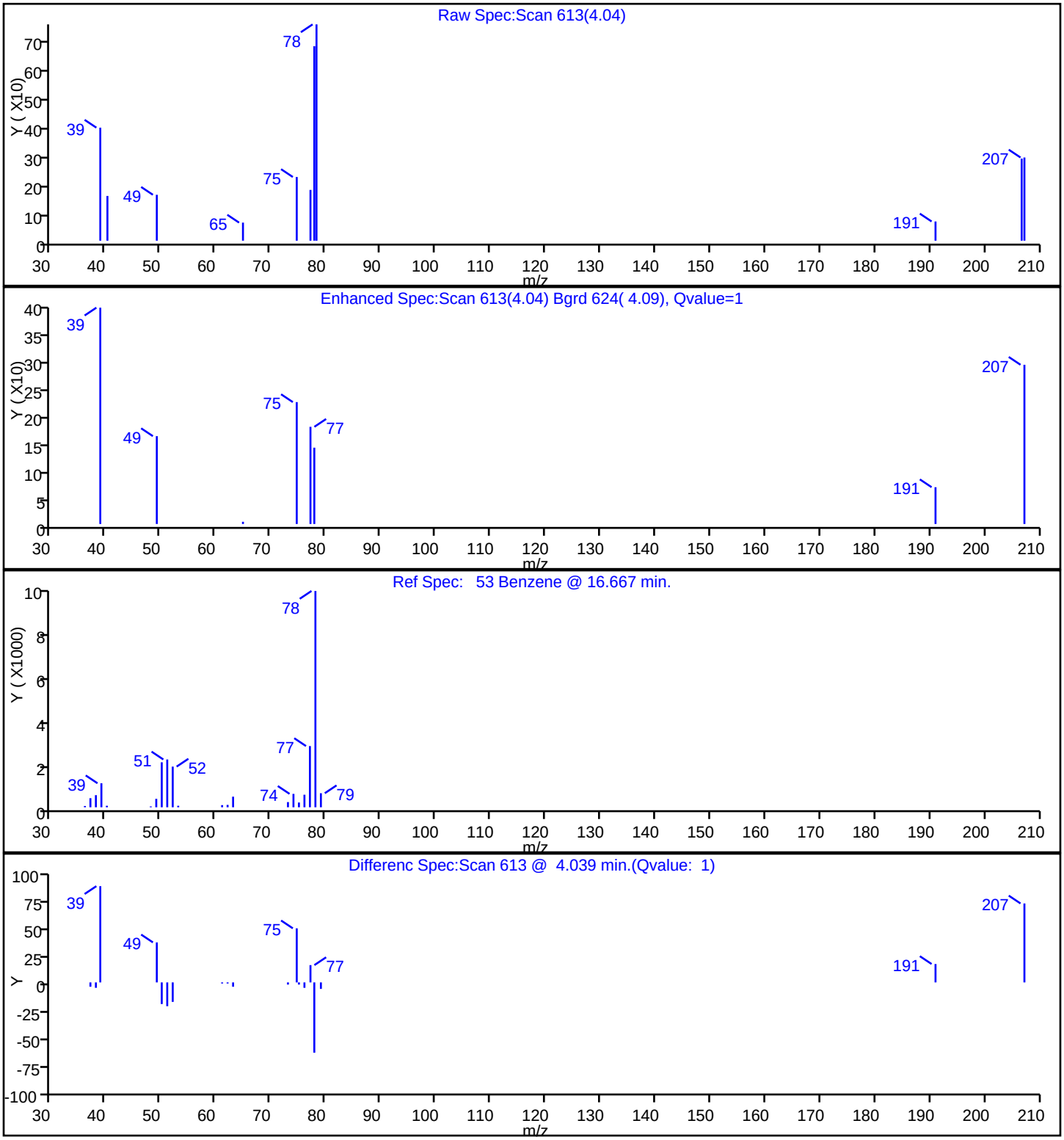
Report Date: 22-Sep-2013 10:37:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363232.D

Injection Date:	21-Sep-2013 09:43:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-22SE-VS	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	17
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

53 Benzene



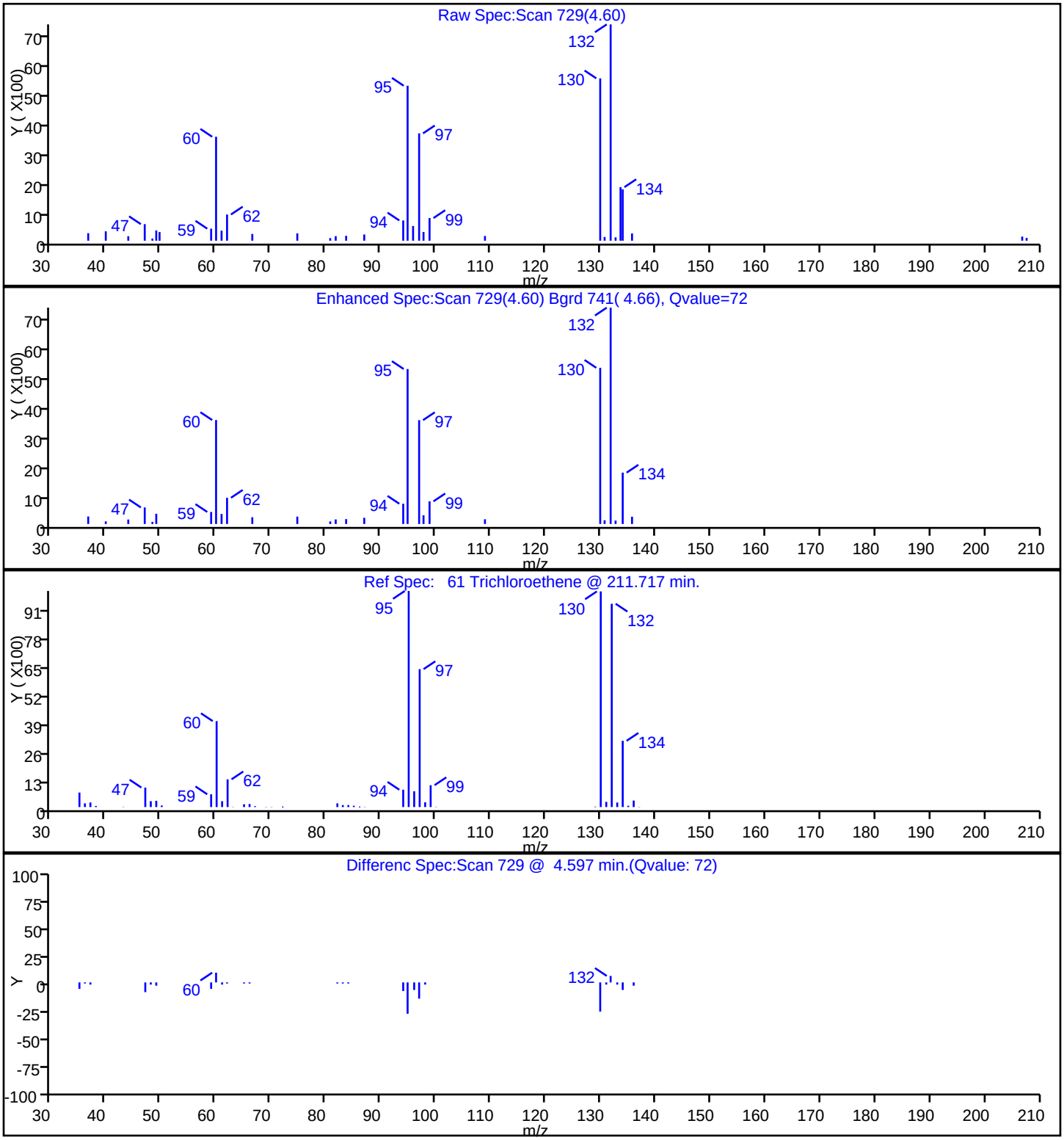
Report Date: 22-Sep-2013 10:37:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363232.D

Injection Date:	21-Sep-2013 09:43:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-22SE-VS	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	17
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

61 Trichloroethene



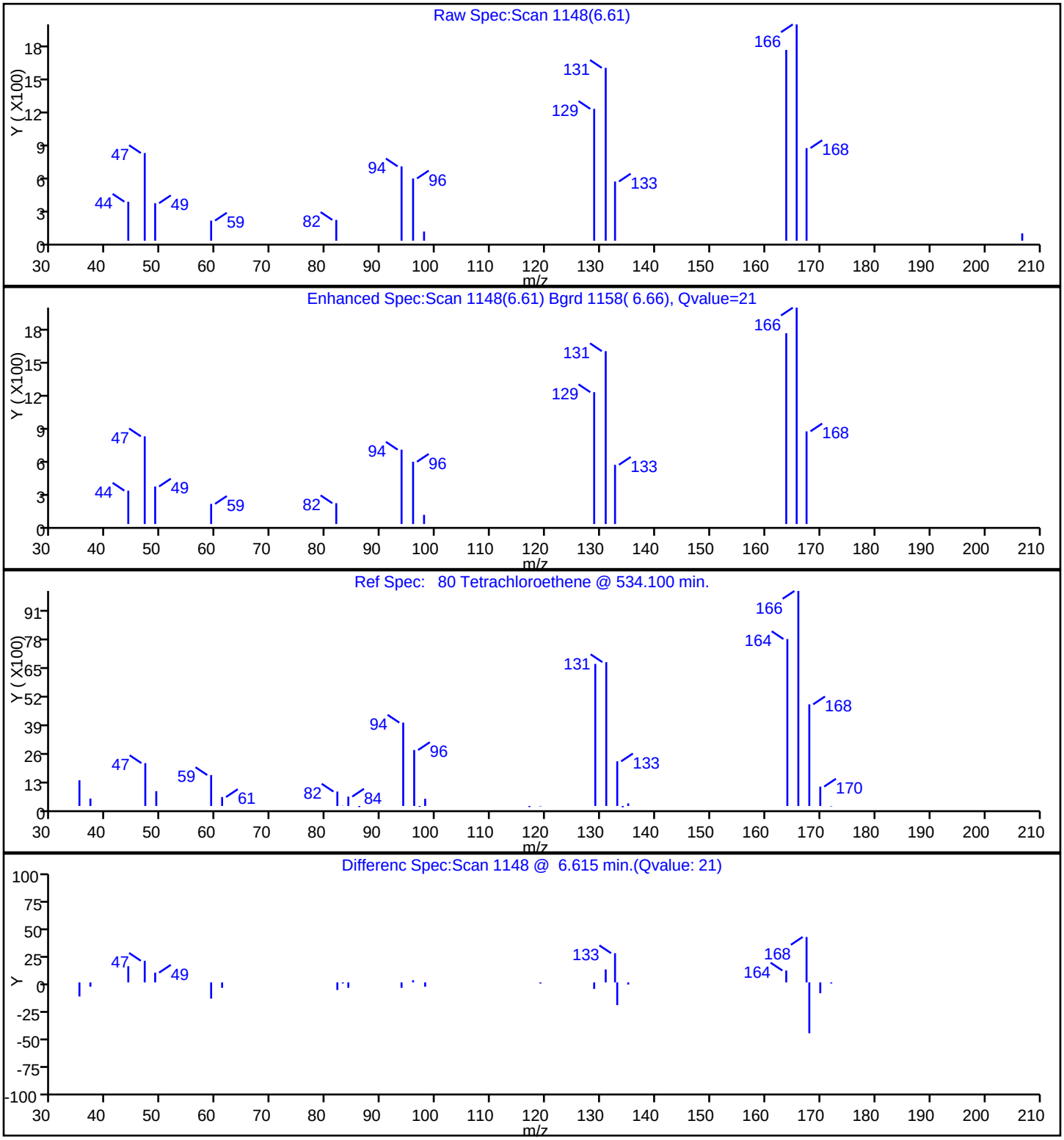
Report Date: 22-Sep-2013 10:37:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363232.D

Injection Date:	21-Sep-2013 09:43:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-22SE-VS	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	17
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene



Manual Integration/User Assign Peak Report

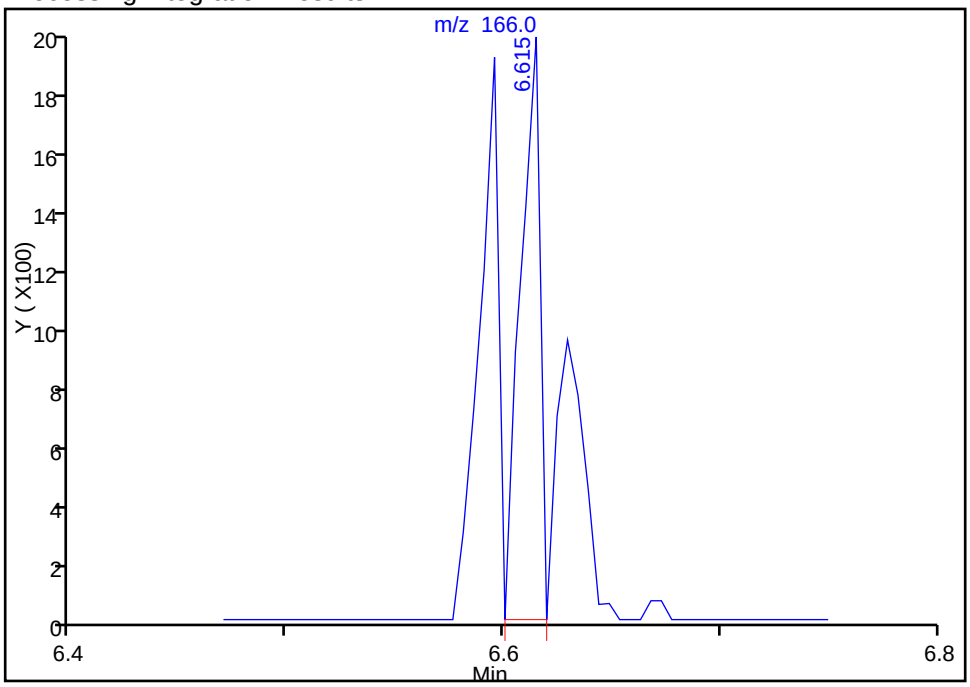
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363232.D		
Injection Date:	21-Sep-2013 09:43:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-22SE-VS	Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	17
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene, Signal: 1, m/z: 166.0 Type: quant, RT: 6.61

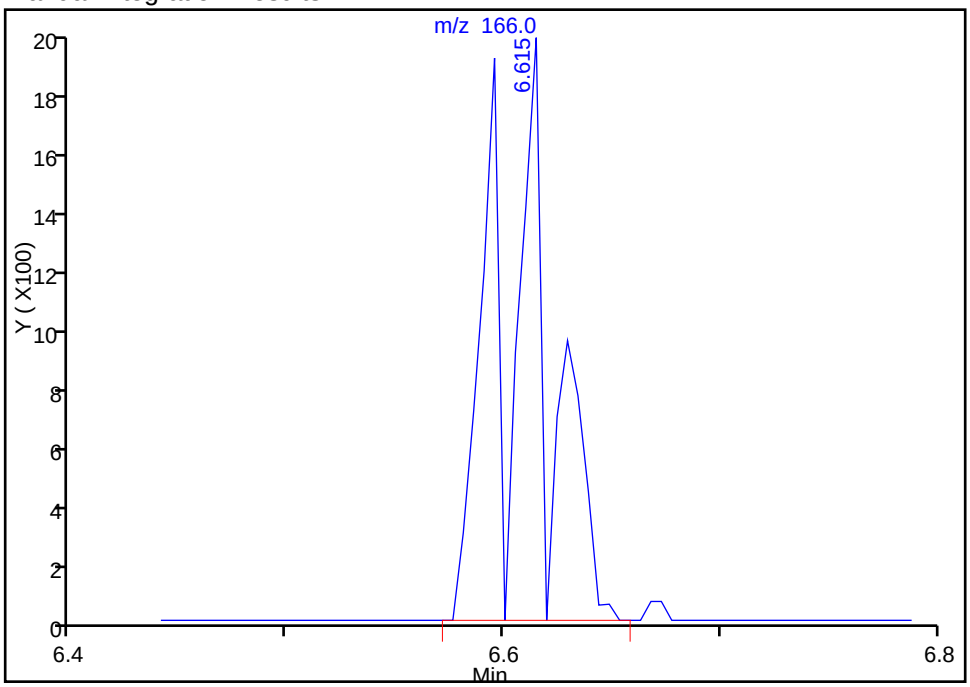
Processing Integration Results

RT: 6.61
Response: 1200
Amount: 0.223267



Manual Integration Results

RT: 6.61
Response: 3173
Amount: 0.590355



Reviewer: delpolitov, 22-Sep-2013 10:34:56
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VD | Lab Sample ID: 460-62968-35

Matrix: Solid | Lab File ID: D363153.D

Analysis Method: 8260B | Date Collected: 09/12/2013 16:20

Sample wt/vol: 5.82(g) | Date Analyzed: 09/19/2013 19:58

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.: 182221 | 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	1.5	U	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VD | Lab Sample ID: 460-62968-35

Matrix: Solid | Lab File ID: D363153.D

Analysis Method: 8260B | Date Collected: 09/12/2013 16:20

Sample wt/vol: 5.82(g) | Date Analyzed: 09/19/2013 19:58

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.: 182221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.30	J	0.89	0.098
120-82-1	1,2,4-Trichlorobenzene	0.17	U	0.89	0.17
87-61-6	1,2,3-Trichlorobenzene	0.14	U	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)	90		70-130
2037-26-5	Toluene-d8 (Surr)	107		70-130
460-00-4	Bromofluorobenzene	105		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VD Lab Sample ID: 460-62968-35

Matrix: Solid Lab File ID: D363153.D

Analysis Method: 8260B Date Collected: 09/12/2013 16:20

Sample wt/vol: 5.82(g) Date Analyzed: 09/19/2013 19:58

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.: 182221 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\CVOAMS4\20130919-4820.b\D363153.D		
Lims ID:	460-62968-B-35-A	Client ID:	PMP-22SE-VD
Inject. Date:	19-Sep-2013 19:58:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-B-35-A		
Misc. Info.:	460-0004820-018		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	17
Lims Batch ID:	182221	Lims Sample ID:	18
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\8260S_4.m		
Last Update:	20-Sep-2013 07:46:58	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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 07:46:57

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.647	2.647	0.0	67	186644	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.721	3.721	0.0	94	194097	48.6	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.169	4.173	-0.004	96	191542	45.1	
* 59 Fluorobenzene	96	4.434	4.433	0.001	99	681152	50.0	
* 150 1,4-Dioxane-d8	96	5.401	5.406	-0.005	1	11300	1000.0	M
$ 76 Toluene-d8 (Surr)	98	6.104	6.104	0.0	99	707993	53.5	
* 87 Chlorobenzene-d5	117	7.795	7.794	0.001	86	498057	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	90	240498	52.4	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	96	296484	50.0	
117 1,4-Dichlorobenzene	146	9.740	9.745	-0.005	35	4092	0.3362	

QC Flag Legend

Review Flags
M - Manually Integrated

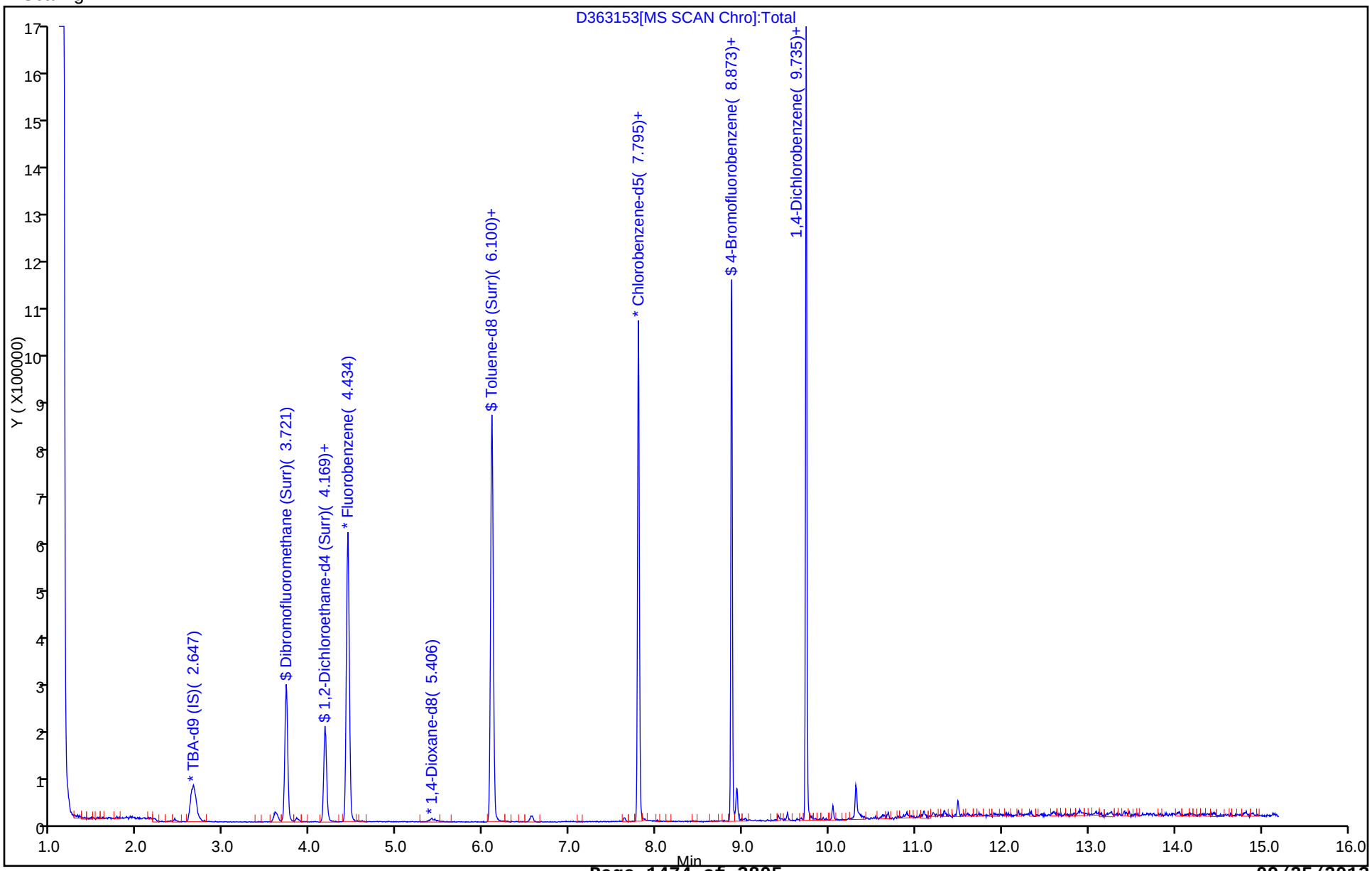
Report Date: 20-Sep-2013 07:46:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363153.D

Injection Date:	19-Sep-2013 19:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-22SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	18
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



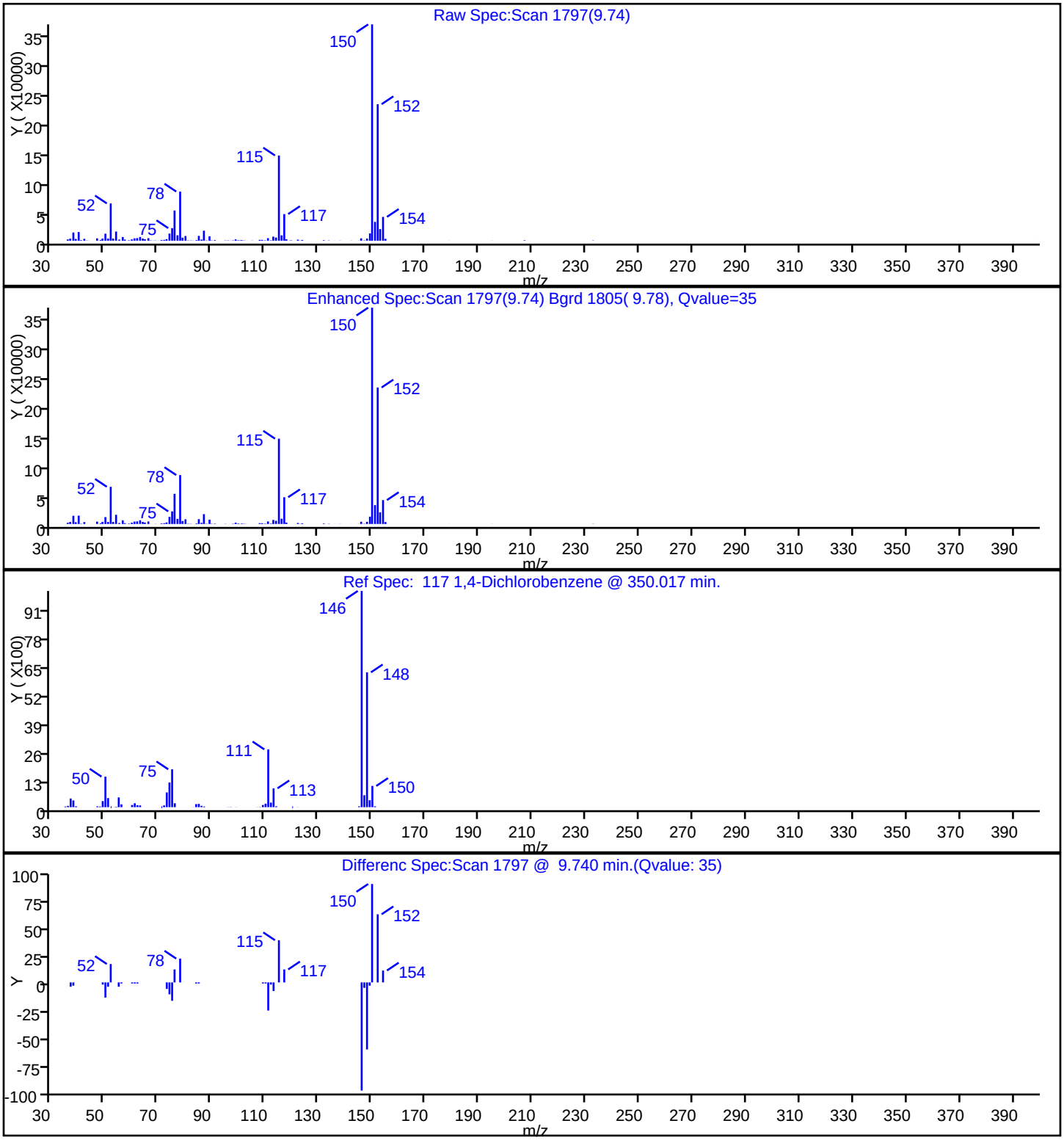
Report Date: 20-Sep-2013 07:46:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363153.D

Injection Date:	19-Sep-2013 19:58:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-22SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	18
Operator ID:		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-WT | Lab Sample ID: 460-62968-36

Matrix: Solid | Lab File ID: D363131.D

Analysis Method: 8260B | Date Collected: 09/12/2013 16:25

Sample wt/vol: 6.762(g) | Date Analyzed: 09/19/2013 11:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.7 | Level: (low/med) Low

Analysis Batch No.: 182082 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.13	U	0.84	0.13
74-83-9	Bromomethane	0.36	U	0.84	0.36
75-01-4	Vinyl chloride	0.28	U	0.84	0.28
75-00-3	Chloroethane	0.28	U	0.84	0.28
75-09-2	Methylene Chloride	0.13	U	0.84	0.13
67-64-1	Acetone	1.4	U	4.2	1.4
75-15-0	Carbon disulfide	0.13	U	0.84	0.13
75-69-4	Trichlorofluoromethane	0.13	U	0.84	0.13
75-35-4	1,1-Dichloroethene	0.16	U	0.84	0.16
75-34-3	1,1-Dichloroethane	0.092	U	0.84	0.092
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.84	0.11
156-59-2	cis-1,2-Dichloroethene	0.092	U	0.84	0.092
67-66-3	Chloroform	0.47	J	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	0.23	U	0.84	0.23
100-41-4	Ethylbenzene	0.14	U	0.84	0.14
108-90-7	Chlorobenzene	0.15	U	0.84	0.15
110-82-7	Cyclohexane	0.11	U	0.84	0.11
98-82-8	Isopropylbenzene	0.092	U	0.84	0.092
591-78-6	2-Hexanone	0.11	U	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-WT | Lab Sample ID: 460-62968-36

Matrix: Solid | Lab File ID: D363131.D

Analysis Method: 8260B | Date Collected: 09/12/2013 16:25

Sample wt/vol: 6.762(g) | Date Analyzed: 09/19/2013 11:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.7 | Level: (low/med) Low

Analysis Batch No.: 182082 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.64	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	0.084	U	0.84	0.084
127-18-4	Tetrachloroethene	0.10	U	0.84	0.10
1330-20-7	Xylenes, Total	0.56	U	2.5	0.56
96-12-8	1,2-Dibromo-3-Chloropropane	0.37	U	0.84	0.37
79-34-5	1,1,2,2-Tetrachloroethane	0.075	U	0.84	0.075
79-00-5	1,1,2-Trichloroethane	0.12	U	0.84	0.12
124-48-1	Dibromochloromethane	0.084	U	0.84	0.084
106-93-4	1,2-Dibromoethane	0.13	U	0.84	0.13
75-71-8	Dichlorodifluoromethane	0.18	U	0.84	0.18
74-97-5	Bromochloromethane	0.092	U	0.84	0.092
75-27-4	Bromodichloromethane	0.27	U	0.84	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
460-00-4	Bromofluorobenzene	106		70-130
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-WT Lab Sample ID: 460-62968-36

Matrix: Solid Lab File ID: D363131.D

Analysis Method: 8260B Date Collected: 09/12/2013 16:25

Sample wt/vol: 6.762(g) Date Analyzed: 09/19/2013 11:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.7 Level: (low/med) Low

Analysis Batch No.: 182082 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\CVOAMS4\20130919-4794.b\D363131.D		
Lims ID:	460-62968-C-36-A	Client ID:	PMP-22SE-WT
Inject. Date:	19-Sep-2013 11:05:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-C-36-A		
Misc. Info.:	460-0004794-019		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	18
Lims Batch ID:	182082	Lims Sample ID:	19
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\8260S_4.m		
Last Update:	20-Sep-2013 07:05:43	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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 07:06:47

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.628	2.652	-0.024	61	208501	1000.0	
47 Chloroform	83	3.586	3.567	0.019	30	5816	0.5591	
$ 152 Dibromofluoromethane (Surr)	113	3.721	3.721	0.0	95	188193	46.6	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.173	4.169	0.004	95	195375	45.5	
* 59 Fluorobenzene	96	4.433	4.429	0.004	99	688982	50.0	
* 150 1,4-Dioxane-d8	96	5.401	5.406	-0.005	1	17107	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.100	6.104	-0.004	98	714725	52.4	
* 87 Chlorobenzene-d5	117	7.795	7.795	0.0	85	513694	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	89	229749	52.8	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	95	280909	50.0	
117 1,4-Dichlorobenzene	146	9.750	9.750	0.0	41	8857	0.7680	

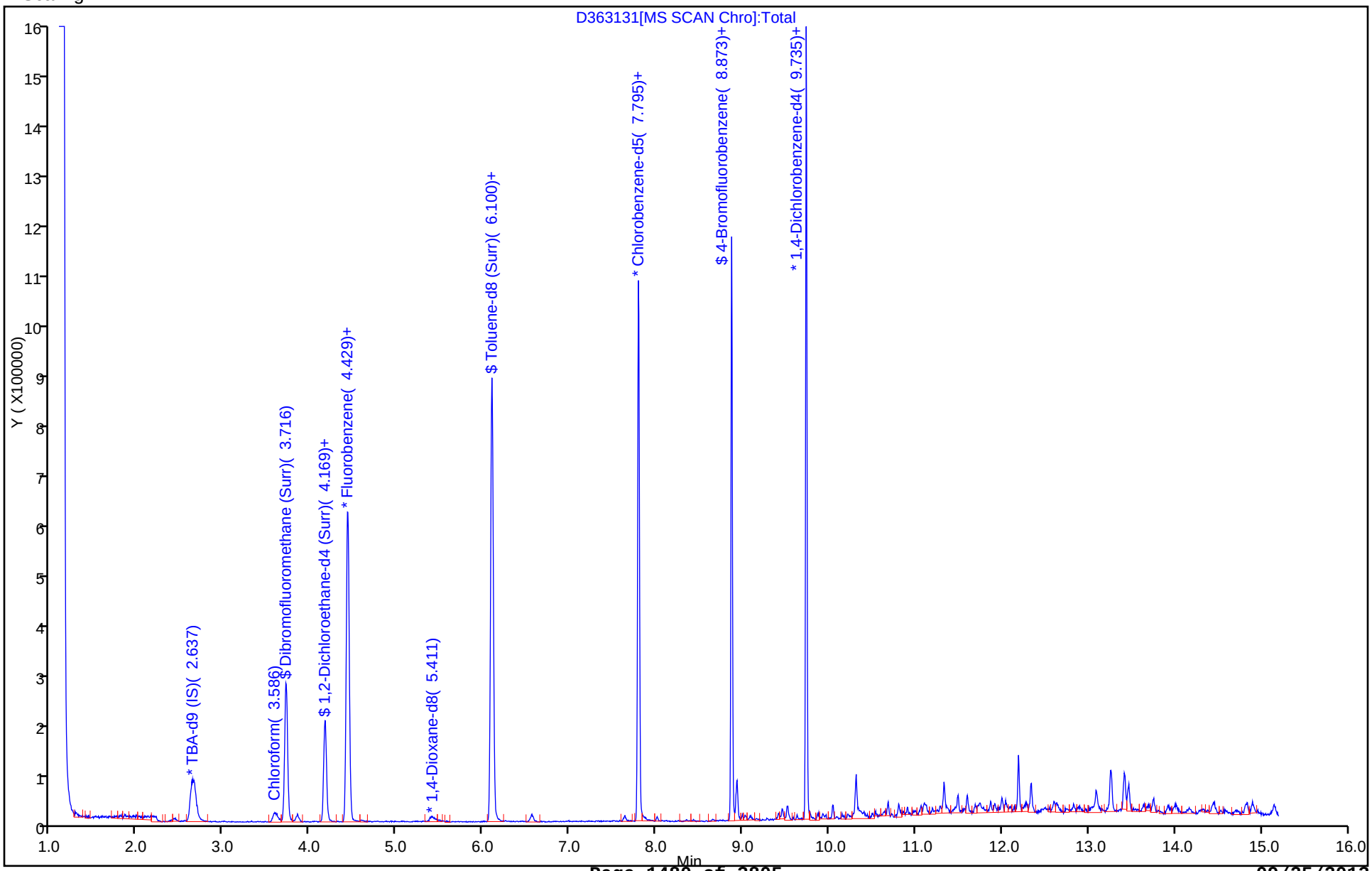
Report Date: 20-Sep-2013 07:06:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363131.D

Injection Date:	19-Sep-2013 11:05:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-22SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



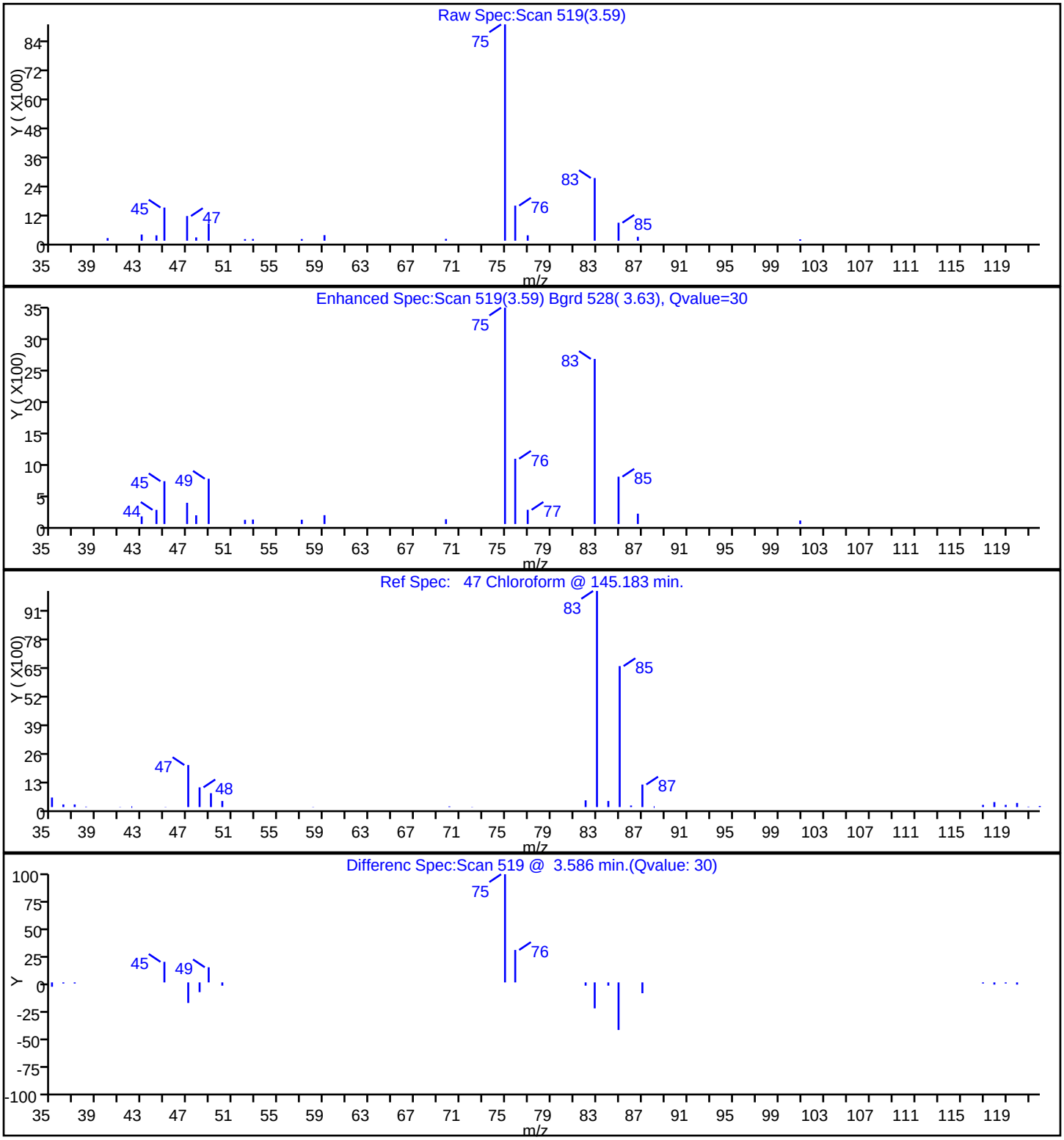
Report Date: 20-Sep-2013 07:06:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363131.D

Injection Date:	19-Sep-2013 11:05:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-22SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform

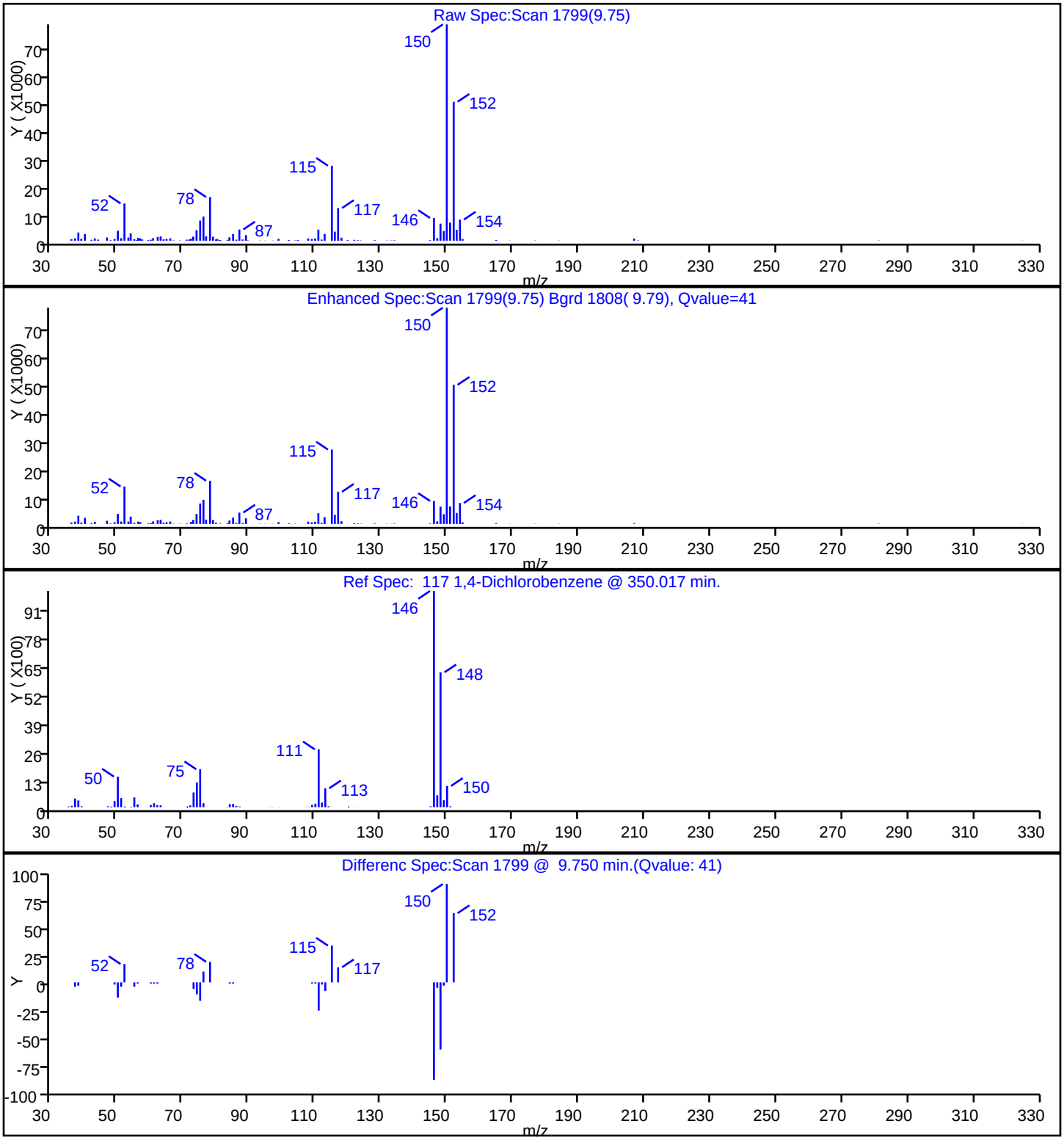


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363131.D

Injection Date:	19-Sep-2013 11:05:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-22SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	19
Operator ID:		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VS | Lab Sample ID: 460-62968-37

Matrix: Solid | Lab File ID: D363121.D

Analysis Method: 8260B | Date Collected: 09/12/2013 16:35

Sample wt/vol: 4.463(g) | Date Analyzed: 09/19/2013 07:13

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.: 182082 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.19	U	1.2	0.19
74-83-9	Bromomethane	0.51	U	1.2	0.51
75-01-4	Vinyl chloride	0.40	U	1.2	0.40
75-00-3	Chloroethane	0.39	U	1.2	0.39
75-09-2	Methylene Chloride	0.18	U	1.2	0.18
67-64-1	Acetone	2.0	U	5.9	2.0
75-15-0	Carbon disulfide	0.18	U	1.2	0.18
75-69-4	Trichlorofluoromethane	0.19	U	1.2	0.19
75-35-4	1,1-Dichloroethene	0.22	U	1.2	0.22
75-34-3	1,1-Dichloroethane	0.13	U	1.2	0.13
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.2	0.15
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.2	0.13
67-66-3	Chloroform	0.28	U	1.2	0.28
78-93-3	2-Butanone	0.74	U	5.9	0.74
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	0.18	U	1.2	0.18
71-43-2	Benzene	0.18	U	1.2	0.18
75-25-2	Bromoform	0.20	U	1.2	0.20
100-42-5	Styrene	0.33	U	1.2	0.33
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	5.9	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	0.38	U	1.2	0.38
123-91-1	1,4-Dioxane	15	U	24	15
79-01-6	Trichloroethene	0.14	U	1.2	0.14
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	0.24	U	5.9	0.24
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	0.19	U	1.2	0.19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VS | Lab Sample ID: 460-62968-37

Matrix: Solid | Lab File ID: D363121.D

Analysis Method: 8260B | Date Collected: 09/12/2013 16:35

Sample wt/vol: 4.463(g) | Date Analyzed: 09/19/2013 07:13

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.: 182082 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.77	J	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	0.19	U	1.2	0.19
78-87-5	1,2-Dichloropropane	0.18	U	1.2	0.18
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	0.79	U	3.5	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	0.52	U	1.2	0.52
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	0.18	U	1.2	0.18
75-71-8	Dichlorodifluoromethane	0.26	U	1.2	0.26
74-97-5	Bromochloromethane	0.13	U	1.2	0.13
75-27-4	Bromodichloromethane	0.38	U	1.2	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
460-00-4	Bromofluorobenzene	97		70-130
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VS Lab Sample ID: 460-62968-37

Matrix: Solid Lab File ID: D363121.D

Analysis Method: 8260B Date Collected: 09/12/2013 16:35

Sample wt/vol: 4.463(g) Date Analyzed: 09/19/2013 07:13

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.: 182082 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\CVOAMS4\20130919-4794.b\D363121.D		
Lims ID:	460-62968-B-37-A	Client ID:	PMP-23SE-VS
Inject. Date:	19-Sep-2013 07:13:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-B-37-A		
Misc. Info.:	460-0004794-009		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	8
Lims Batch ID:	182082	Lims Sample ID:	9
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\8260S_4.m		
Last Update:	20-Sep-2013 07:02:47	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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:	19-Sep-2013 19:13:44

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.666	2.652	0.014	61	192304	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.725	3.721	0.004	94	173723	44.5	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.173	4.169	0.004	95	187683	45.2	
* 59 Fluorobenzene	96	4.433	4.429	0.004	98	665947	50.0	
* 150 1,4-Dioxane-d8	96	5.420	5.406	0.014	1	17388	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.104	6.104	0.0	98	678646	52.6	
* 87 Chlorobenzene-d5	117	7.799	7.795	0.004	85	486025	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	87	204646	48.7	
* 116 1,4-Dichlorobenzene-d4	152	9.740	9.735	0.005	96	271237	50.0	
117 1,4-Dichlorobenzene	146	9.745	9.750	-0.005	34	7275	0.6533	

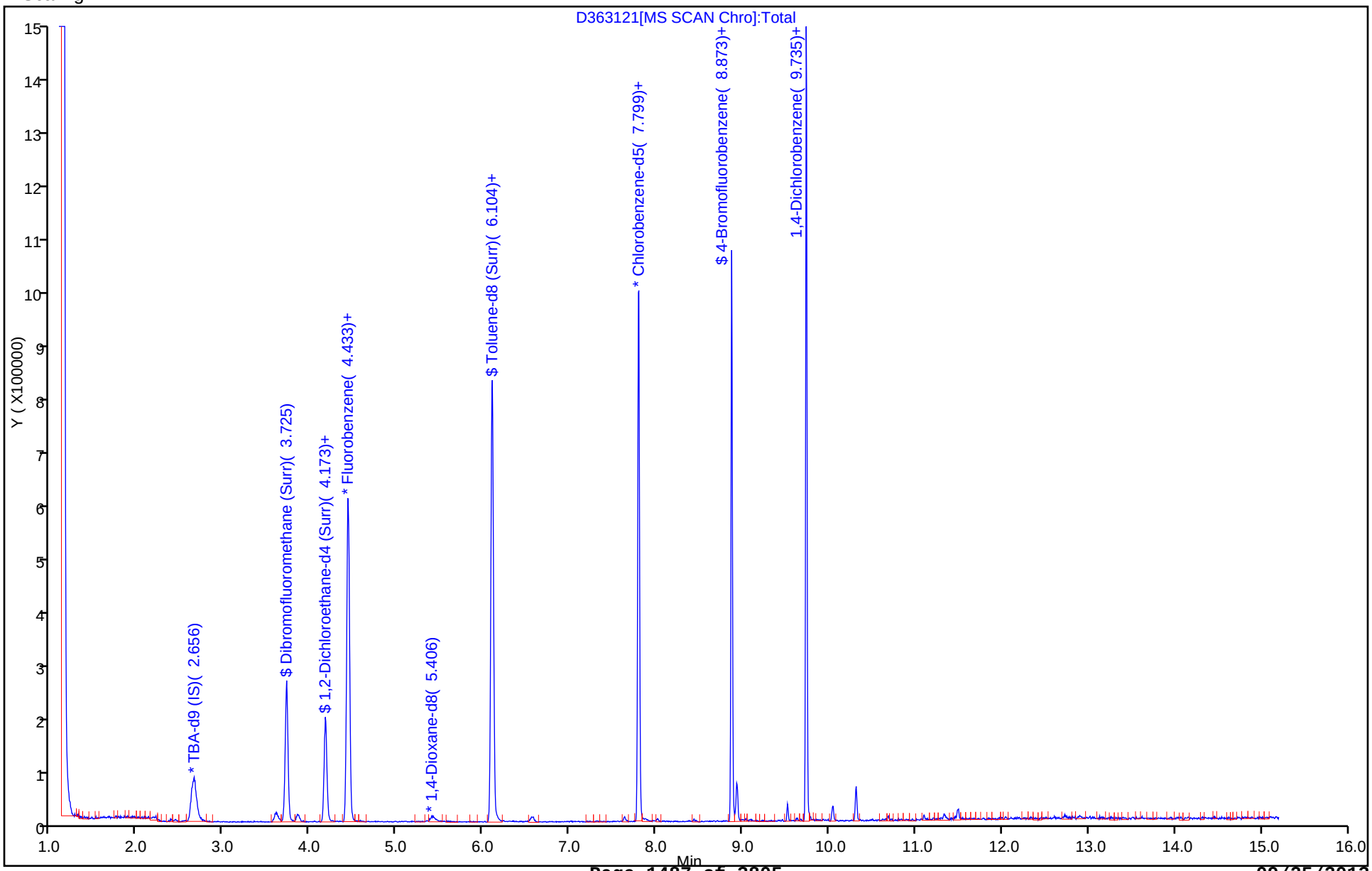
Report Date: 20-Sep-2013 07:02:48 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363121.D

Injection Date:	19-Sep-2013 07:13:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-23SE-VS	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	9
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



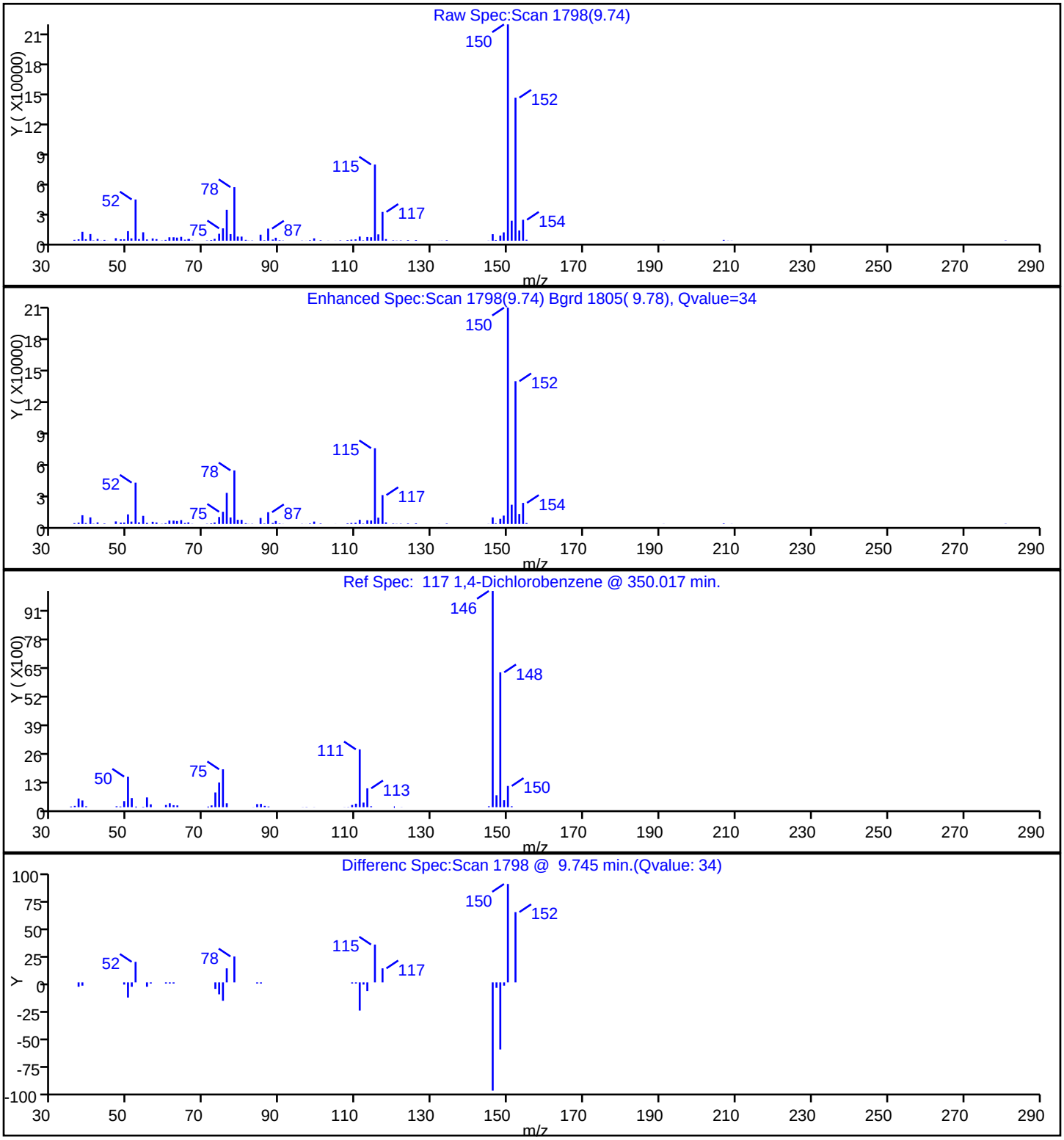
Report Date: 20-Sep-2013 07:02:48 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363121.D

Injection Date:	19-Sep-2013 07:13:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-23SE-VS	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	9
Operator ID:		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VD | Lab Sample ID: 460-62968-38

Matrix: Solid | Lab File ID: D363154.D

Analysis Method: 8260B | Date Collected: 09/12/2013 16:40

Sample wt/vol: 5.47(g) | Date Analyzed: 09/19/2013 20:22

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.: 182221 | 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	1.6	U	4.7	1.6
75-15-0	Carbon disulfide	0.14	U	0.95	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.95	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.95	0.18
75-34-3	1,1-Dichloroethane	0.10	U	0.95	0.10
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.95	0.12
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.95	0.10
67-66-3	Chloroform	4.1		0.95	0.23
78-93-3	2-Butanone	0.60	U *	4.7	0.60
107-06-2	1,2-Dichloroethane	0.17	U	0.95	0.17
71-55-6	1,1,1-Trichloroethane	0.12	U	0.95	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.95	0.14
71-43-2	Benzene	0.14	U	0.95	0.14
75-25-2	Bromoform	0.16	U	0.95	0.16
100-42-5	Styrene	0.27	U	0.95	0.27
100-41-4	Ethylbenzene	0.16	U	0.95	0.16
108-90-7	Chlorobenzene	0.17	U	0.95	0.17
110-82-7	Cyclohexane	0.12	U	0.95	0.12
98-82-8	Isopropylbenzene	0.10	U	0.95	0.10
591-78-6	2-Hexanone	0.12	U	4.7	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	0.30	U	0.95	0.30
123-91-1	1,4-Dioxane	12	U	19	12
79-01-6	Trichloroethene	1.7		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	4.7	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VD | Lab Sample ID: 460-62968-38

Matrix: Solid | Lab File ID: D363154.D

Analysis Method: 8260B | Date Collected: 09/12/2013 16:40

Sample wt/vol: 5.47(g) | Date Analyzed: 09/19/2013 20:22

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.: 182221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.19	J	0.95	0.10
120-82-1	1,2,4-Trichlorobenzene	0.38	J	0.95	0.18
87-61-6	1,2,3-Trichlorobenzene	0.29	J	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	1.1		0.95	0.11
1330-20-7	Xylenes, Total	0.63	U	2.8	0.63
96-12-8	1,2-Dibromo-3-Chloropropane	0.42	U	0.95	0.42
79-34-5	1,1,2,2-Tetrachloroethane	0.085	U	0.95	0.085
79-00-5	1,1,2-Trichloroethane	0.13	U	0.95	0.13
124-48-1	Dibromochloromethane	0.095	U	0.95	0.095
106-93-4	1,2-Dibromoethane	0.14	U	0.95	0.14
75-71-8	Dichlorodifluoromethane	0.21	U	0.95	0.21
74-97-5	Bromochloromethane	0.10	U	0.95	0.10
75-27-4	Bromodichloromethane	0.30	U	0.95	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	113		70-130
460-00-4	Bromofluorobenzene	125		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VD Lab Sample ID: 460-62968-38

Matrix: Solid Lab File ID: D363154.D

Analysis Method: 8260B Date Collected: 09/12/2013 16:40

Sample wt/vol: 5.47(g) Date Analyzed: 09/19/2013 20:22

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.: 182221 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\CVOAMS4\20130919-4820.b\D363154.D		
Lims ID:	460-62968-C-38-A	Client ID:	PMP-23SE-VD
Inject. Date:	19-Sep-2013 20:22:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-C-38-A		
Misc. Info.:	460-0004820-019		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	18
Lims Batch ID:	182221	Lims Sample ID:	19
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\8260S_4.m		
Last Update:	20-Sep-2013 07:47:45	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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 07:47:45

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.647	2.647	0.0	67	223194	1000.0	
47 Chloroform	83	3.571	3.576	-0.005	92	44984	4.35	
$ 152 Dibromofluoromethane (Surr)	113	3.726	3.721	0.005	95	193994	48.3	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.178	4.173	0.005	95	196056	45.9	
* 59 Fluorobenzene	96	4.438	4.433	0.005	99	685563	50.0	
61 Trichloroethene	95	4.597	4.597	0.0	77	10365	1.75	
* 150 1,4-Dioxane-d8	96	5.416	5.406	0.010	1	16304	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.099	6.104	-0.005	99	653753	56.5	
80 Tetrachloroethene	166	6.605	6.610	-0.005	62	6381	1.18	M
* 87 Chlorobenzene-d5	117	7.794	7.794	0.0	84	435475	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	90	169110	62.5	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	96	174892	50.0	
117 1,4-Dichlorobenzene	146	9.749	9.745	0.004	29	1477	0.2057	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	35	2337	0.3986	
128 1,2,3-Trichlorobenzene	180	11.459	11.459	0.0	23	1547	0.3042	

QC Flag Legend

Review Flags
M - Manually Integrated

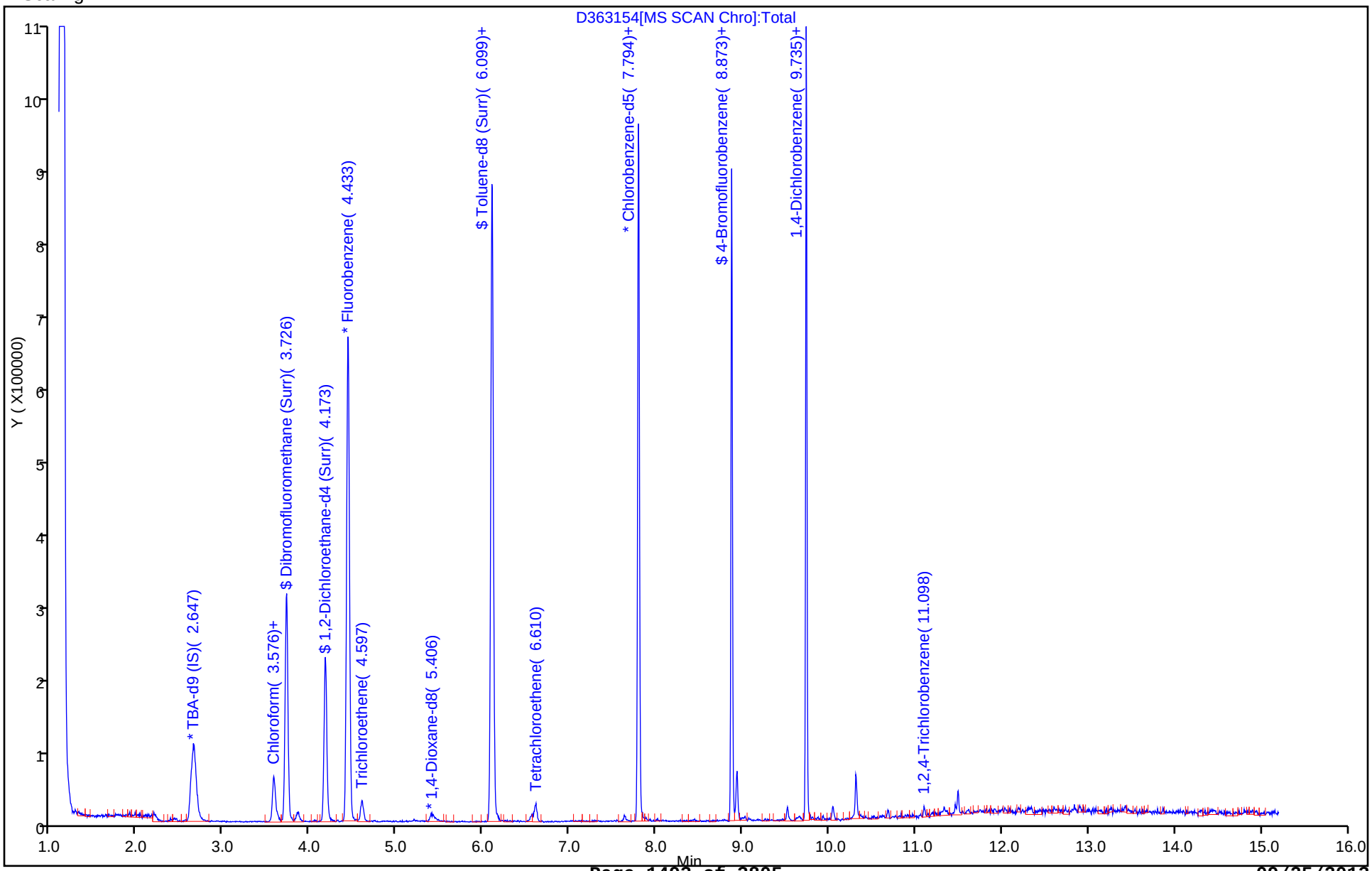
Report Date: 20-Sep-2013 07:47:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363154.D

Injection Date:	19-Sep-2013 20:22:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-23SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



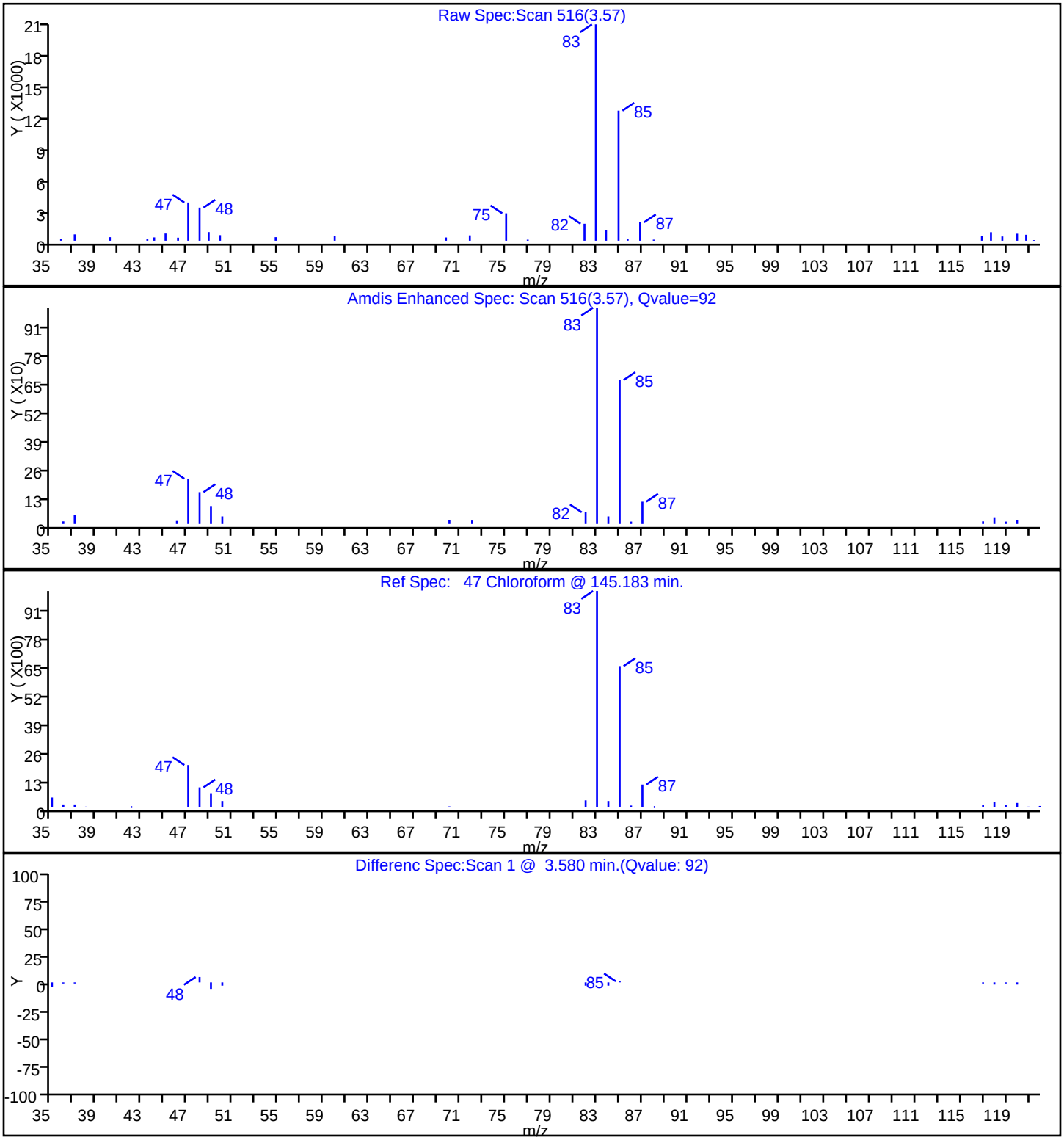
Report Date: 20-Sep-2013 07:47:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363154.D

Injection Date:	19-Sep-2013 20:22:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-23SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform



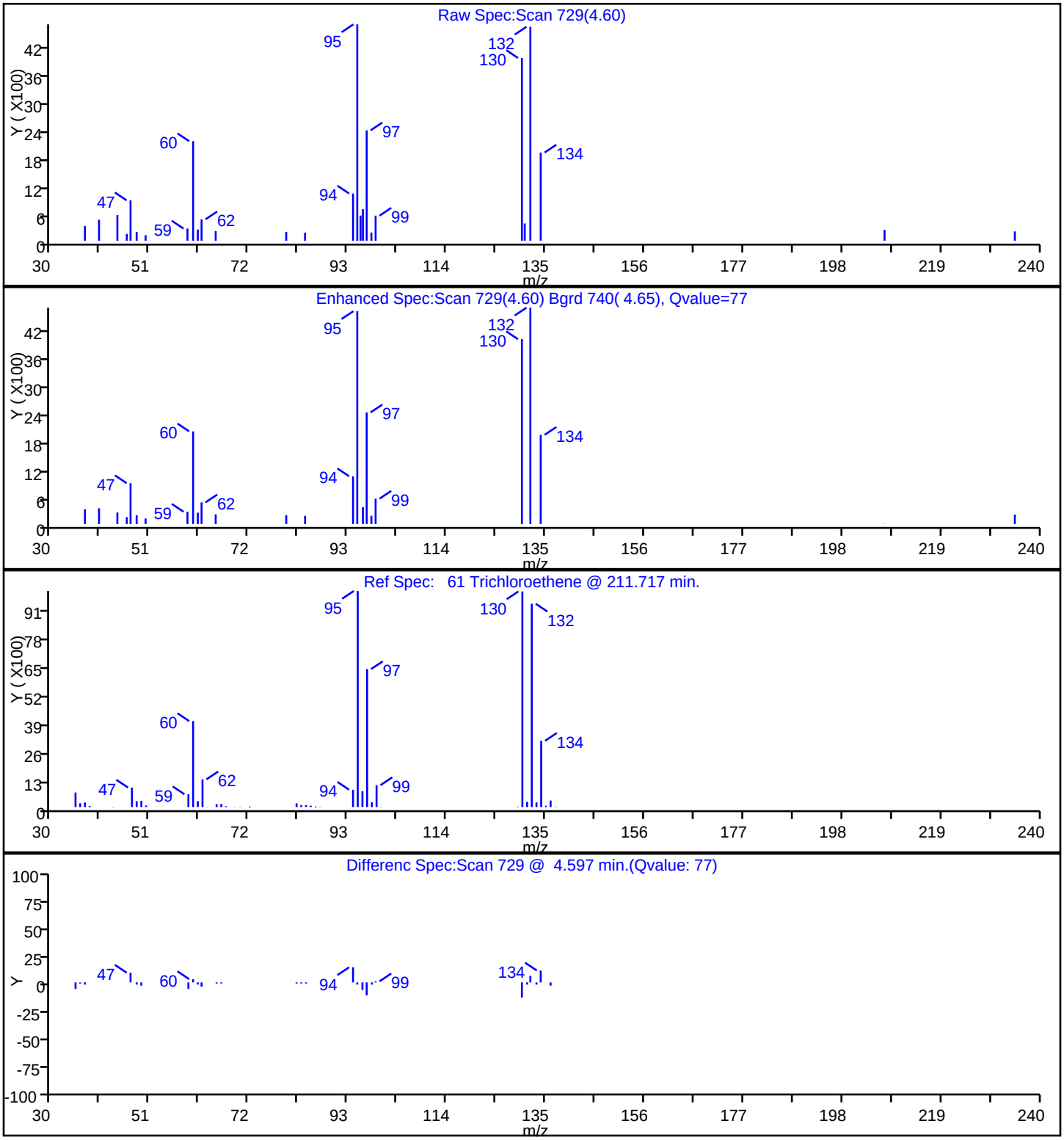
Report Date: 20-Sep-2013 07:47:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363154.D

Injection Date:	19-Sep-2013 20:22:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-23SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

61 Trichloroethene



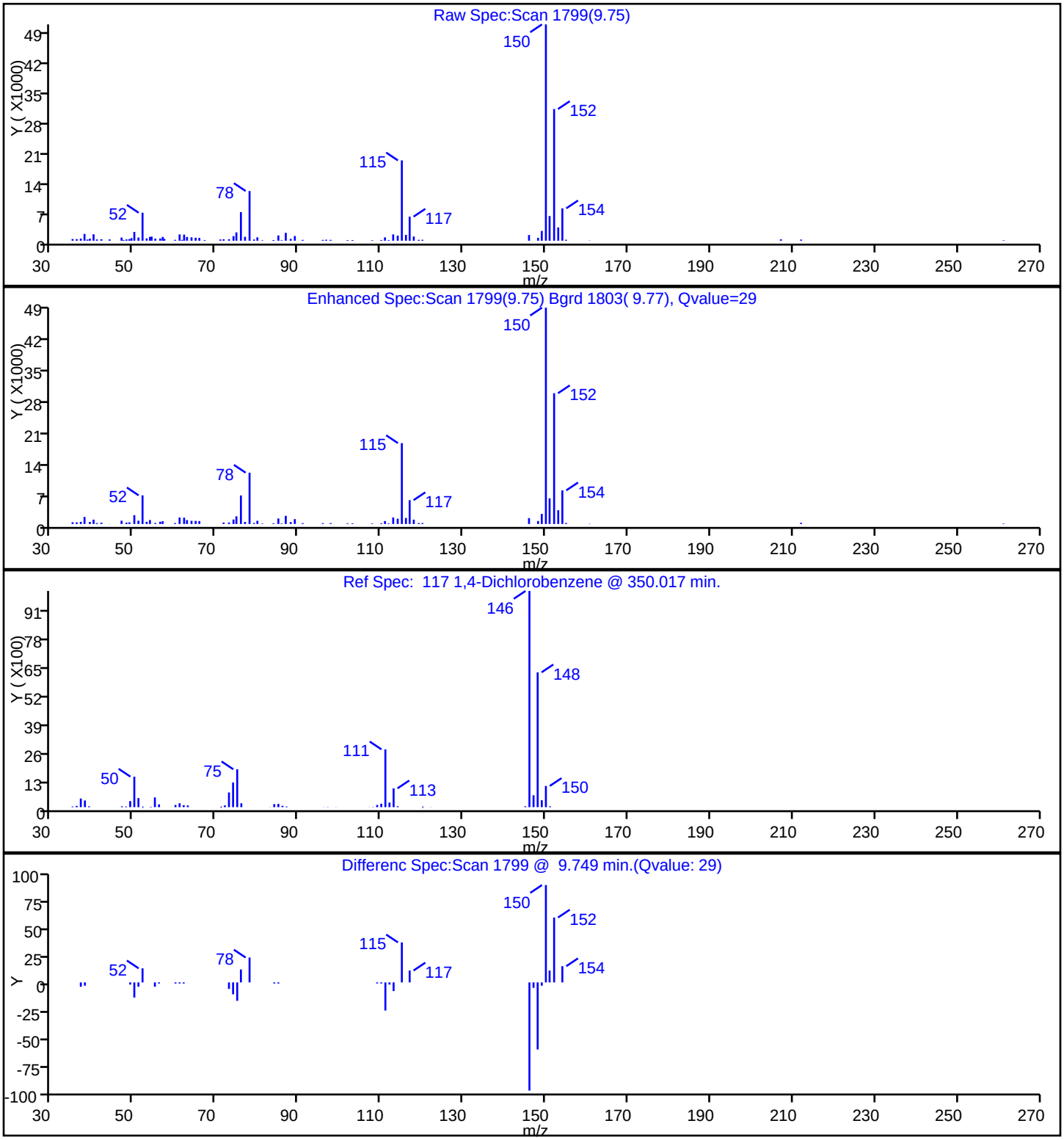
Report Date: 20-Sep-2013 07:47:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363154.D

Injection Date:	19-Sep-2013 20:22:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-23SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



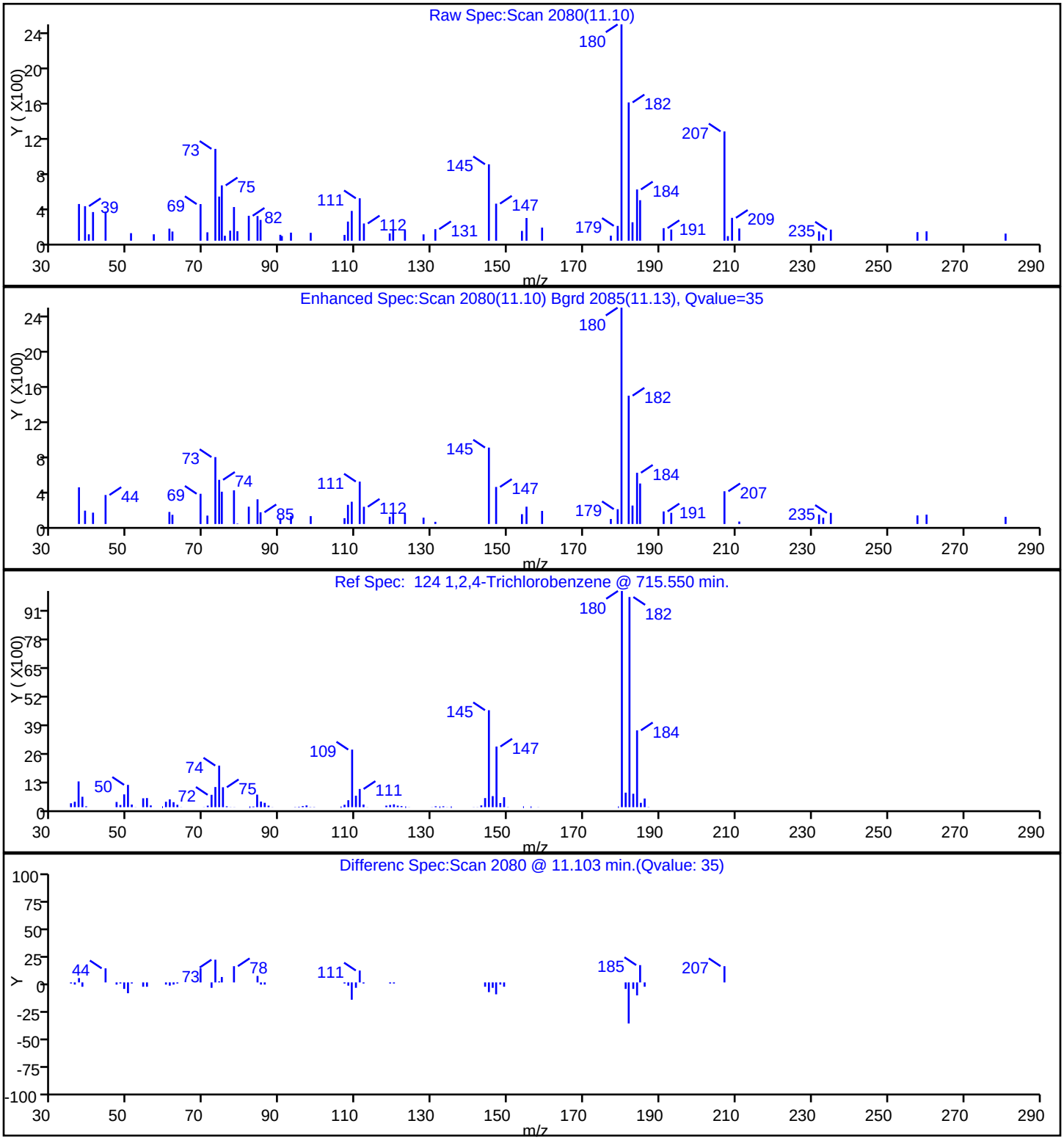
Report Date: 20-Sep-2013 07:47:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363154.D

Injection Date:	19-Sep-2013 20:22:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-23SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

124 1,2,4-Trichlorobenzene



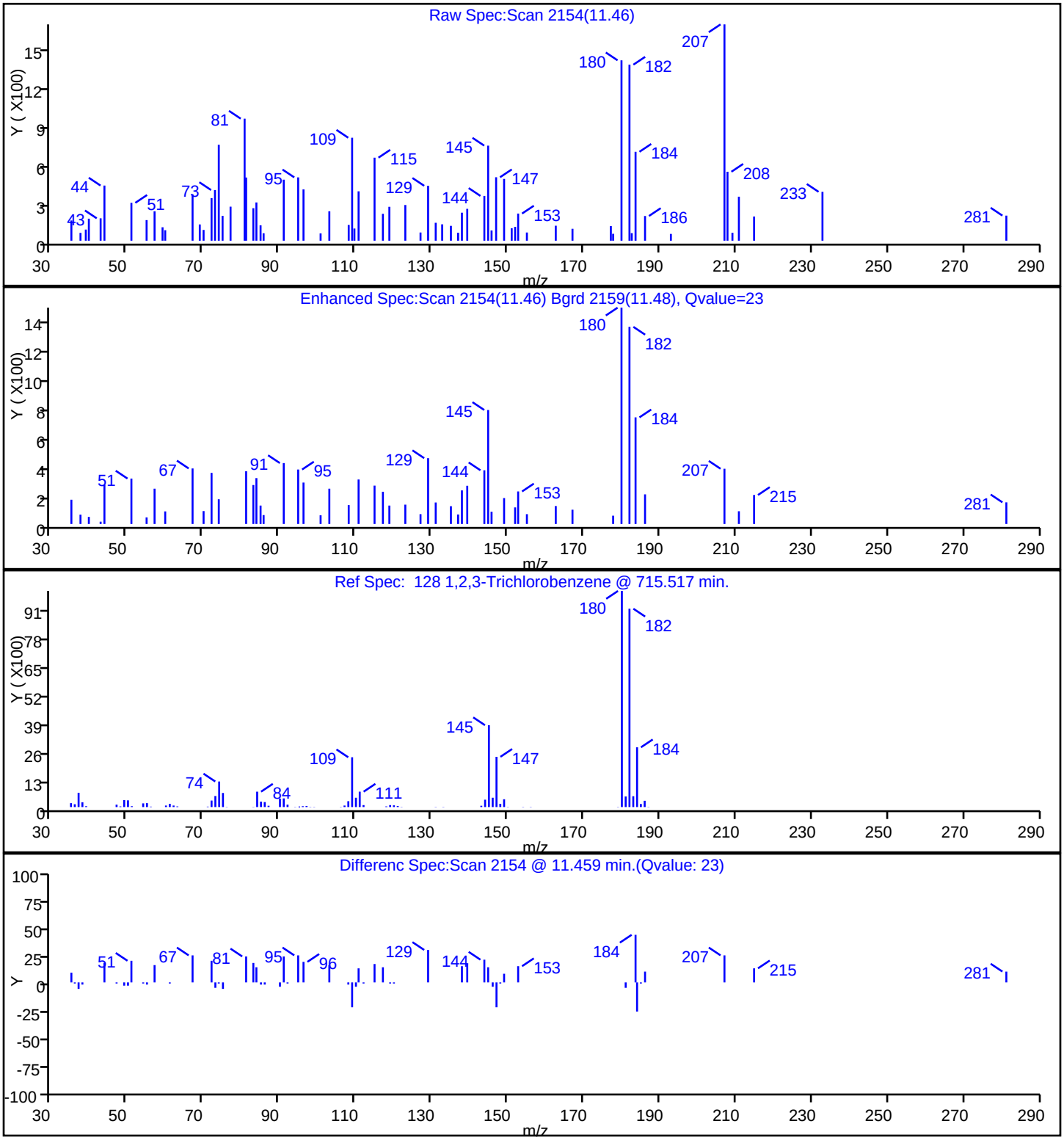
Report Date: 20-Sep-2013 07:47:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363154.D

Injection Date:	19-Sep-2013 20:22:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-23SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

128 1,2,3-Trichlorobenzene



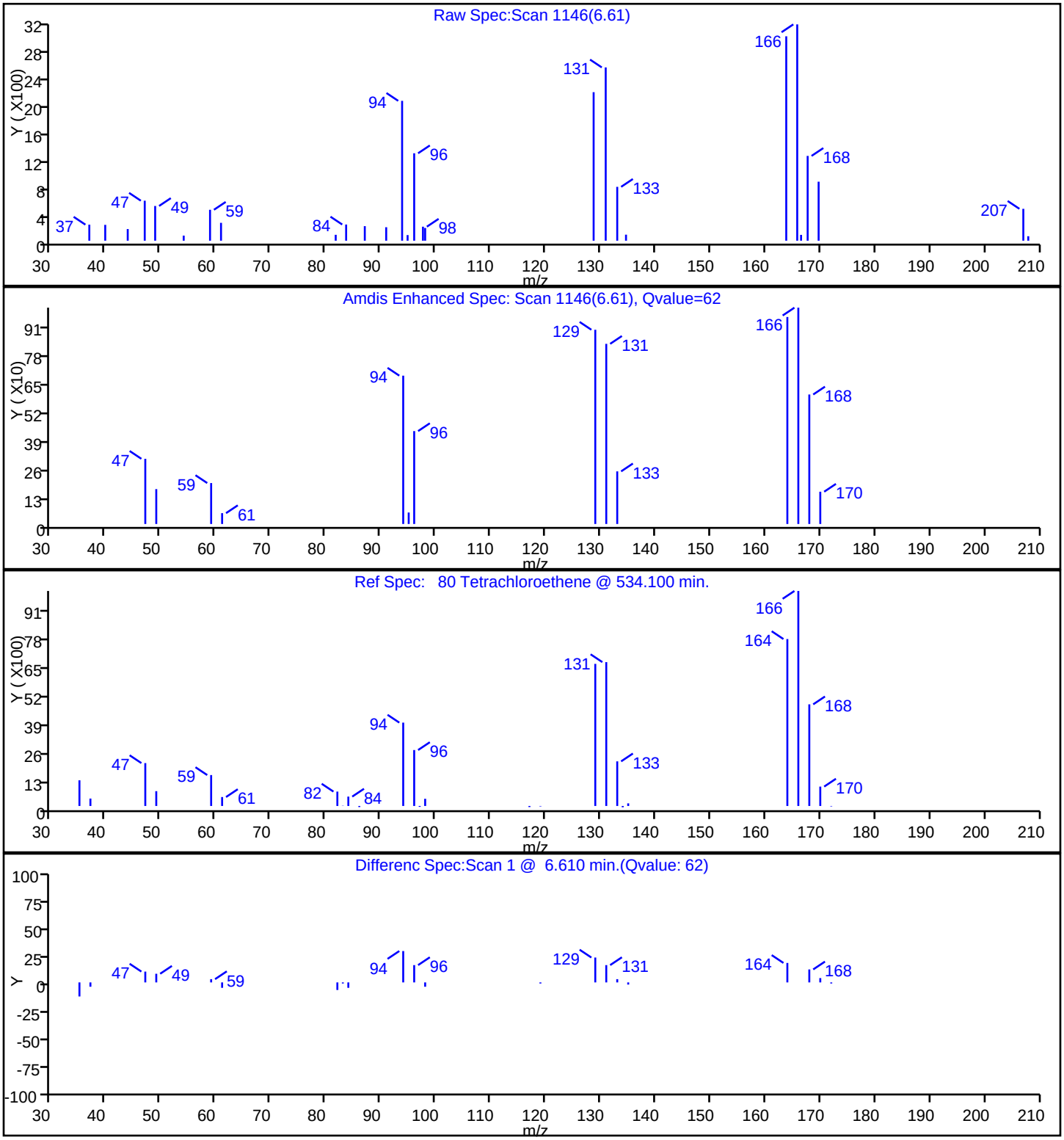
Report Date: 20-Sep-2013 07:47:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363154.D

Injection Date:	19-Sep-2013 20:22:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-23SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene



Manual Integration/User Assign Peak Report

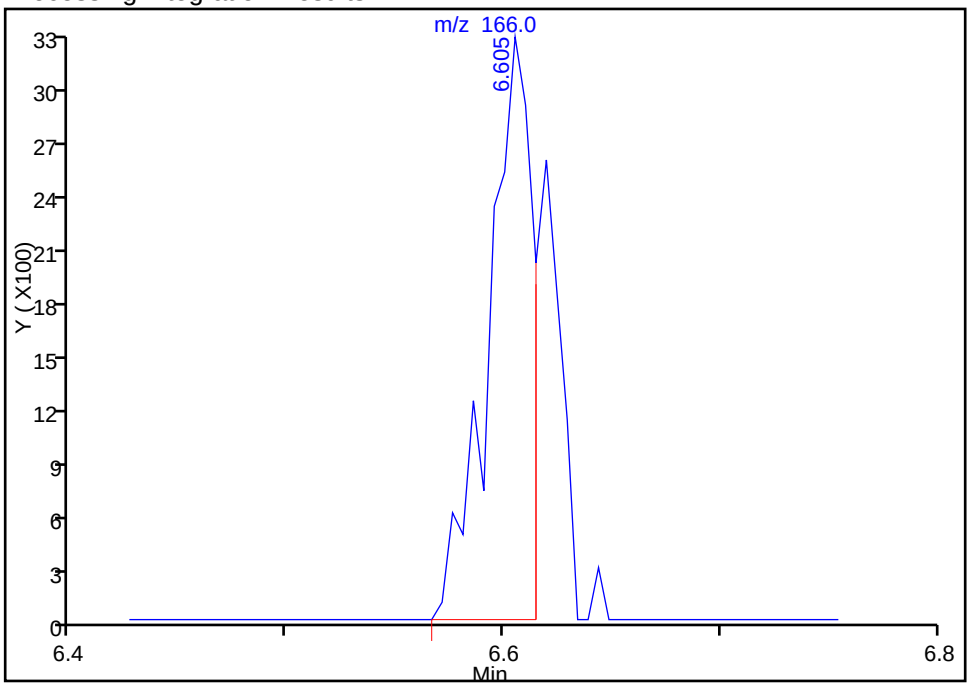
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363154.D		
Injection Date:	19-Sep-2013 20:22:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-23SE-VD	Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	19
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

80 Tetrachloroethene, Signal: 1, m/z: 166.0 Type: quant, RT: 6.61

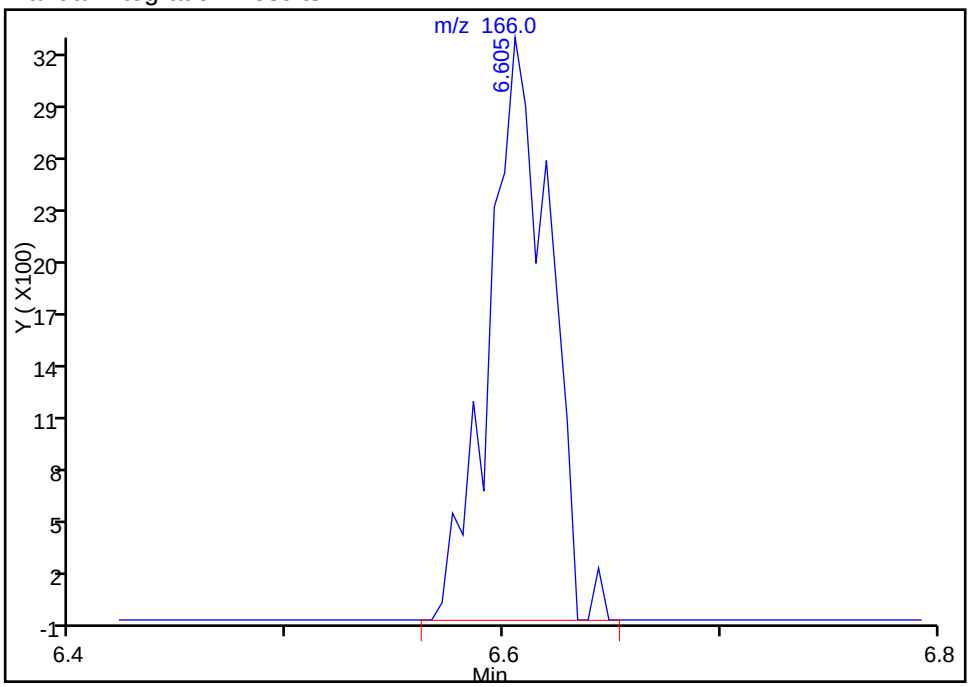
Processing Integration Results

RT: 6.61
Response: 4677
Amount: 0.862844



Manual Integration Results

RT: 6.61
Response: 6381
Amount: 1.177209



Reviewer: delpolitov, 20-Sep-2013 07:47:45
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-WT | Lab Sample ID: 460-62968-39

Matrix: Solid | Lab File ID: D363123.D

Analysis Method: 8260B | Date Collected: 09/12/2013 16:45

Sample wt/vol: 5.73(g) | Date Analyzed: 09/19/2013 08:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.6 | Level: (low/med) Low

Analysis Batch No.: 182082 | 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	4.6	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	0.58	U	4.6	0.58
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	0.16	U	0.91	0.16
100-42-5	Styrene	0.26	U	0.91	0.26
100-41-4	Ethylbenzene	0.16	U	0.91	0.16
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	4.6	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	4.6	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-WT | Lab Sample ID: 460-62968-39

Matrix: Solid | Lab File ID: D363123.D

Analysis Method: 8260B | Date Collected: 09/12/2013 16:45

Sample wt/vol: 5.73(g) | Date Analyzed: 09/19/2013 08:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.6 | Level: (low/med) Low

Analysis Batch No.: 182082 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.56	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)	88		70-130
2037-26-5	Toluene-d8 (Surr)	111		70-130
460-00-4	Bromofluorobenzene	101		70-130
1868-53-7	Dibromofluoromethane (Surr)	90		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-WT Lab Sample ID: 460-62968-39

Matrix: Solid Lab File ID: D363123.D

Analysis Method: 8260B Date Collected: 09/12/2013 16:45

Sample wt/vol: 5.73(g) Date Analyzed: 09/19/2013 08:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.6 Level: (low/med) Low

Analysis Batch No.: 182082 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\CVOAMS4\20130919-4794.b\D363123.D		
Lims ID:	460-62968-B-39-A	Client ID:	PMP-23SE-WT
Inject. Date:	19-Sep-2013 08:01:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-B-39-A		
Misc. Info.:	460-0004794-011		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	10
Lims Batch ID:	182082	Lims Sample ID:	11
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\8260S_4.m		
Last Update:	20-Sep-2013 07:02:47	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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 07:03:32

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.647	2.652	-0.005	62	213138	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.721	3.721	0.0	95	171579	45.1	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.173	4.169	0.004	96	178865	44.2	
* 59 Fluorobenzene	96	4.438	4.429	0.009	98	648534	50.0	
* 150 1,4-Dioxane-d8	96	5.421	5.406	0.015	1	17104	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.104	6.104	0.0	98	650637	55.5	
* 87 Chlorobenzene-d5	117	7.795	7.795	-0.001	86	441830	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	89	195797	50.5	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	96	250447	50.0	
117 1,4-Dichlorobenzene	146	9.750	9.750	0.0	37	6293	0.6120	

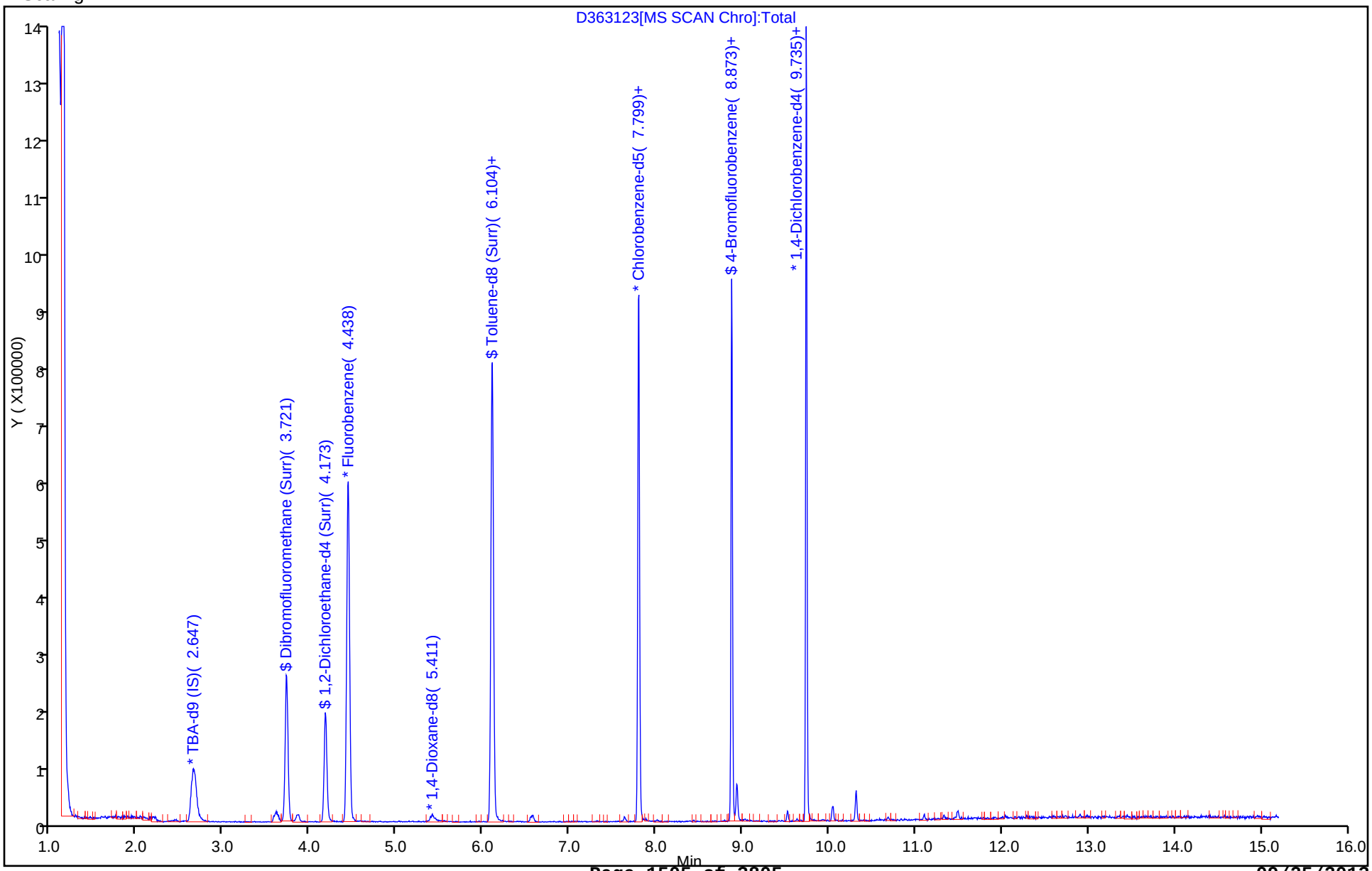
Report Date: 20-Sep-2013 07:03:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363123.D

Injection Date:	19-Sep-2013 08:01:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-23SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	11
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



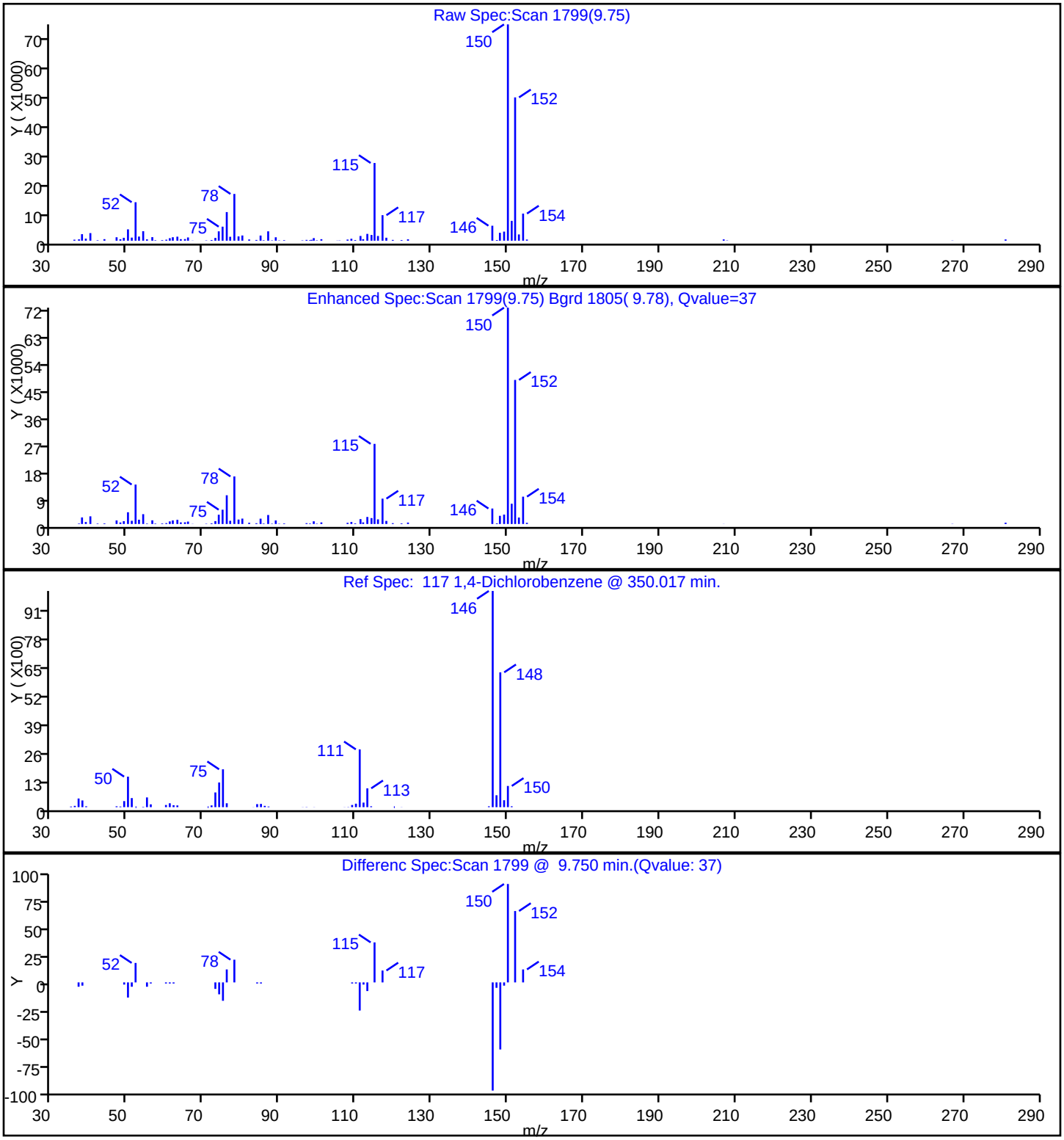
Report Date: 20-Sep-2013 07:03:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363123.D

Injection Date:	19-Sep-2013 08:01:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	PMP-23SE-WT	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	11
Operator ID:		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.: 460-62968-1

SDG No.:

Client Sample ID: FB-091213 Lab Sample ID: 460-62968-40

Matrix: Water Lab File ID: P75173.D

Analysis Method: 8260B Date Collected: 09/12/2013 07:10

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2013 21:39

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.: 182051 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	5.0	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.: 460-62968-1

SDG No.:

Client Sample ID: FB-091213 | Lab Sample ID: 460-62968-40

Matrix: Water | Lab File ID: P75173.D

Analysis Method: 8260B | Date Collected: 09/12/2013 07:10

Sample wt/vol: 5(mL) | Date Analyzed: 09/18/2013 21:39

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.: 182051 | 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)	113		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	96		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.: 460-62968-1

SDG No.:

Client Sample ID: FB-091213 Lab Sample ID: 460-62968-40

Matrix: Water Lab File ID: P75173.D

Analysis Method: 8260B Date Collected: 09/12/2013 07:10

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2013 21:39

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.: 182051 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\CVOAMS13\20130918-4784.b\P75173.D		
Lims ID:	460-62968-A-40	Client ID:	FB-091213
Inject. Date:	18-Sep-2013 21:39:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-A-40		
Misc. Info.:	460-0004784-009		
Operator:		Instrument ID:	CVOAMS13
Purge Vol:	5.000 mL	ALS Bottle#:	8
Lims Batch ID:	182051	Lims Sample ID:	9
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS13\20130918-4784.b\8260W_13.m		
Last Update:	20-Sep-2013 12:00:04	Calib Date:	15-Aug-2013 11:42:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS13\20130815-3604.b\P73666.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: starzecm		Date:	18-Sep-2013 23:12:35

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.312	2.306	0.006	98	409691	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.355	3.349	0.006	91	91758	52.7	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.788	3.781	0.007	89	140169	56.4	
* 59 Fluorobenzene	96	4.032	4.031	0.001	96	461816	50.0	
* 150 1,4-Dioxane-d8	96	4.952	4.946	0.006	68	31854	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.641	5.641	0.0	98	391316	50.3	
* 87 Chlorobenzene-d5	117	7.567	7.567	0.0	90	341096	50.0	
$ 99 4-Bromofluorobenzene	174	9.366	9.366	0.0	83	116785	47.8	
* 116 1,4-Dichlorobenzene-d4	152	11.146	11.152	-0.006	97	177742	50.0	

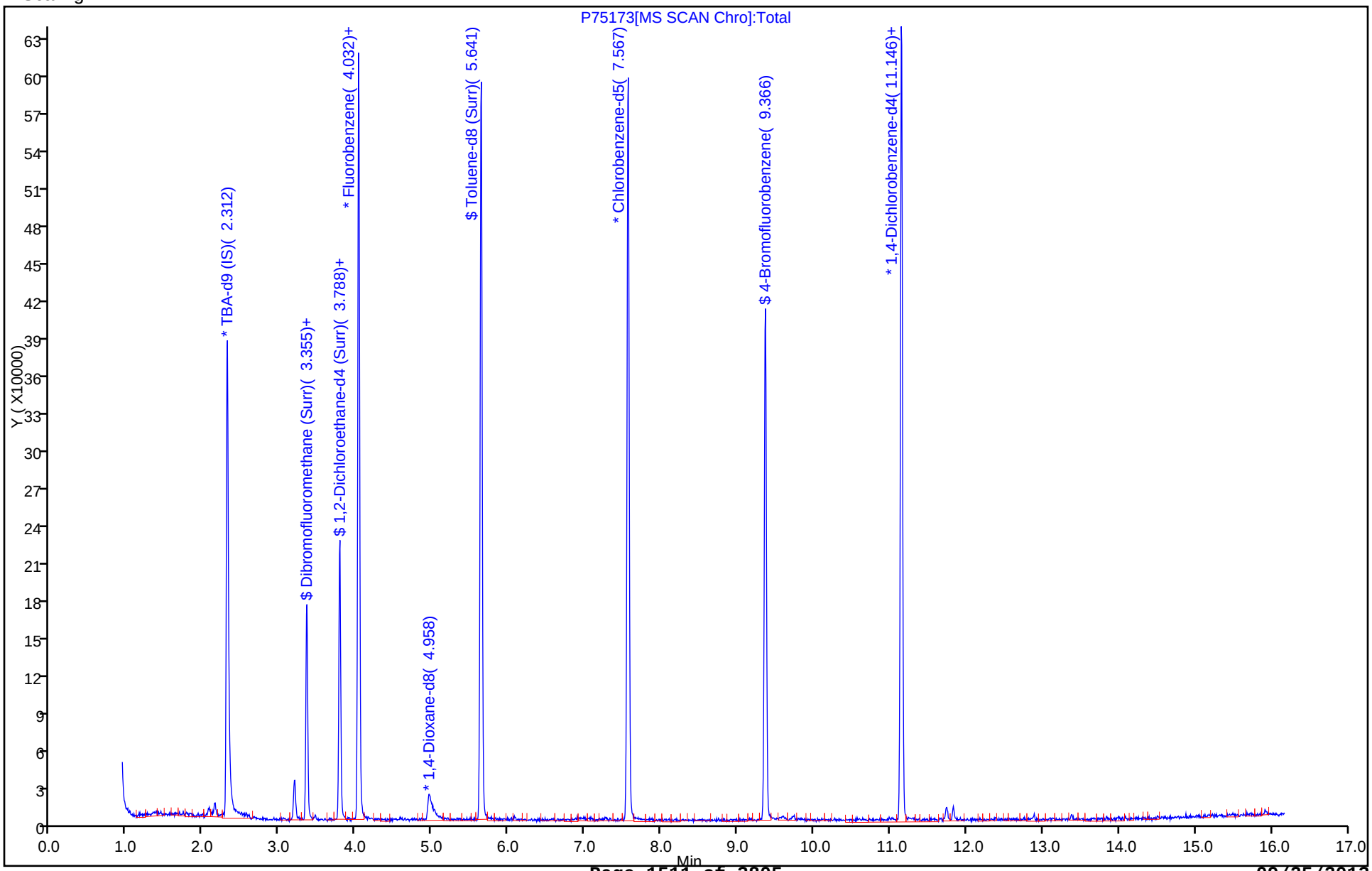
Report Date: 20-Sep-2013 12:00:06 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS13\20130918-4784.b\P75173.D

Injection Date:	18-Sep-2013 21:39:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	FB-091213	Instrument ID:	CVOAMS13
Lims Batch ID:	182051	Lims Sample ID:	9
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.: 460-62968-1

SDG No.:

Client Sample ID: Trip Blank Lab Sample ID: 460-62968-41

Matrix: Solid Lab File ID: D363120.D

Analysis Method: 8260B Date Collected: 09/12/2013 16:45

Sample wt/vol: 5(g) Date Analyzed: 09/19/2013 06:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182082 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	0.54	J	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.: 460-62968-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-62968-41

Matrix: Solid | Lab File ID: D363120.D

Analysis Method: 8260B | Date Collected: 09/12/2013 16:45

Sample wt/vol: 5(g) | Date Analyzed: 09/19/2013 06:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 182082 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.80	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)	94		70-130
2037-26-5	Toluene-d8 (Surr)	111		70-130
460-00-4	Bromofluorobenzene	103		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.: 460-62968-1

SDG No.:

Client Sample ID: Trip Blank Lab Sample ID: 460-62968-41

Matrix: Solid Lab File ID: D363120.D

Analysis Method: 8260B Date Collected: 09/12/2013 16:45

Sample wt/vol: 5(g) Date Analyzed: 09/19/2013 06:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182082 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\CVOAMS4\20130919-4794.b\D363120.D		
Lims ID:	460-62968-B-41-A	Client ID:	Trip Blank
Inject. Date:	19-Sep-2013 06:49:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-62968-B-41-A		
Misc. Info.:	460-0004794-008		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	7
Lims Batch ID:	182082	Lims Sample ID:	8
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\8260S_4.m		
Last Update:	20-Sep-2013 07:02:15	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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 07:02:14

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
25 Methylene Chloride	84	2.397	2.382	0.015	57	2648	0.5351	
* 151 TBA-d9 (IS)	65	2.657	2.652	0.005	61	210493	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.731	3.721	0.010	94	194451	48.6	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.178	4.169	0.009	95	199334	46.9	
* 59 Fluorobenzene	96	4.438	4.429	0.009	98	682345	50.0	
* 150 1,4-Dioxane-d8	96	5.416	5.406	0.010	1	19683	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.104	6.104	0.0	98	714998	55.5	
* 87 Chlorobenzene-d5	117	7.799	7.795	0.004	85	485634	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	88	223228	51.3	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	96	281363	50.0	
117 1,4-Dichlorobenzene	146	9.750	9.750	0.0	38	9240	0.7999	

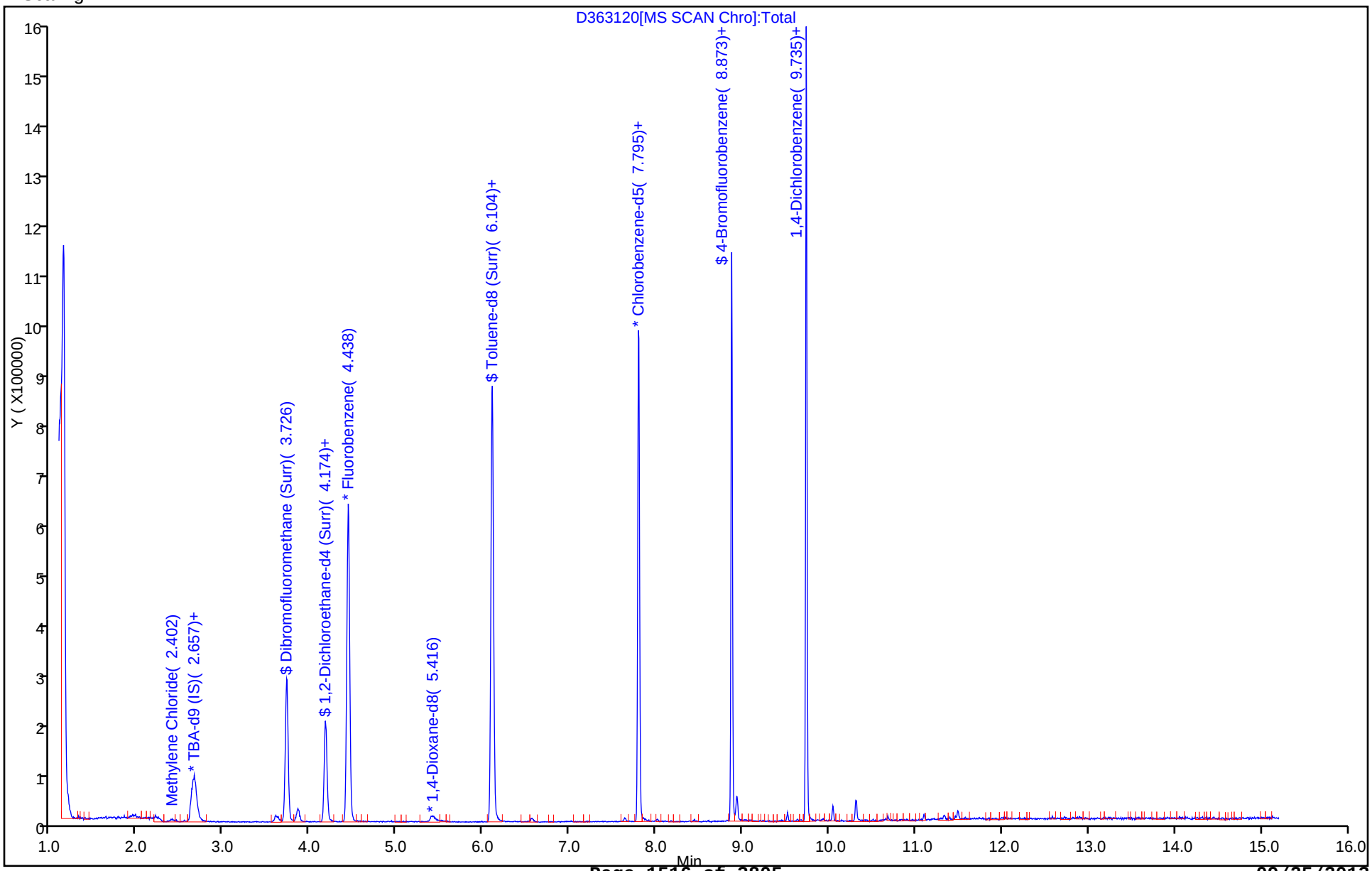
Report Date: 20-Sep-2013 07:02:16 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363120.D

Injection Date:	19-Sep-2013 06:49:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	Trip Blank	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	8
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



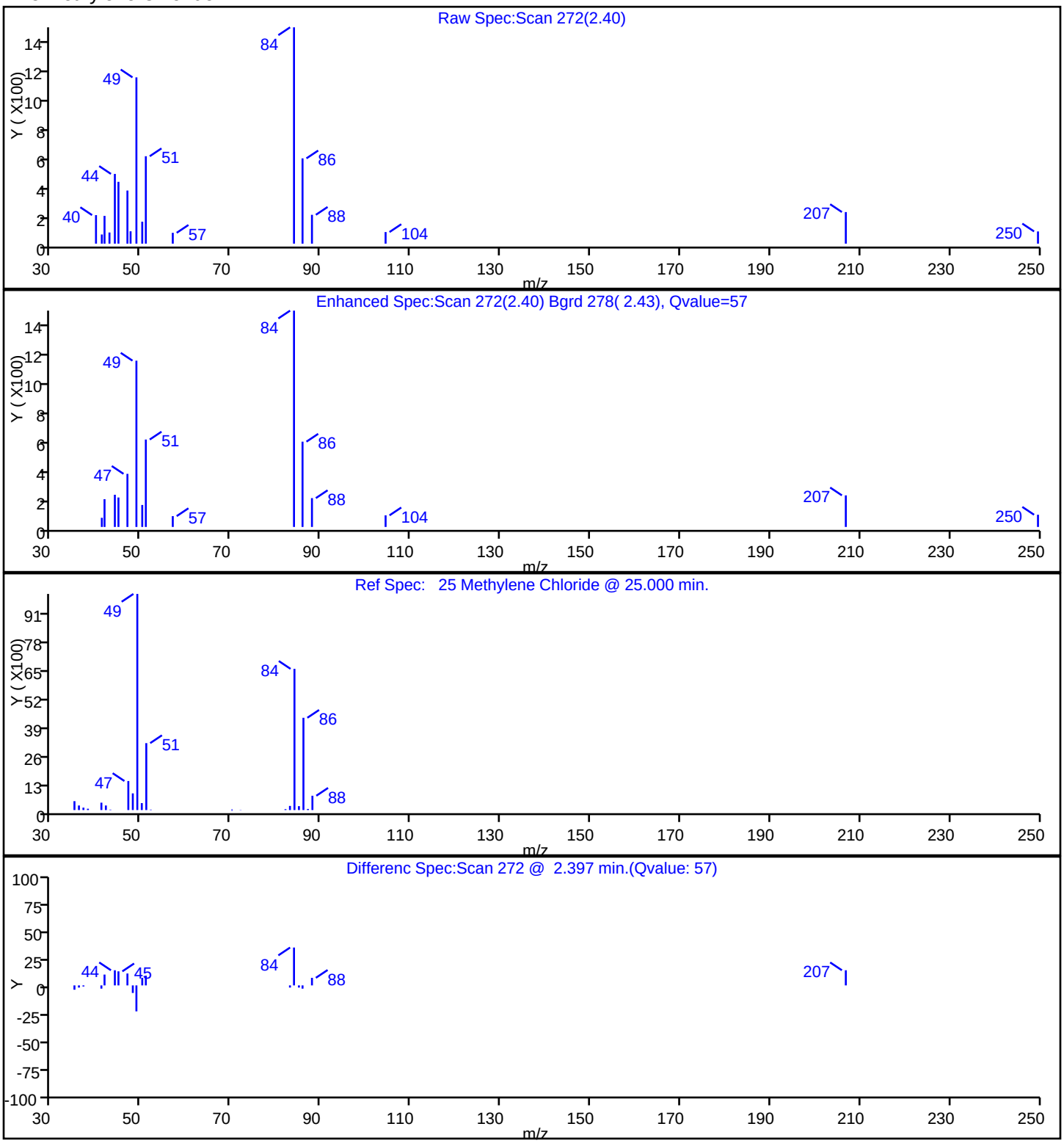
Report Date: 20-Sep-2013 07:02:16 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363120.D

Injection Date:	19-Sep-2013 06:49:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	Trip Blank	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	8
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

25 Methylene Chloride



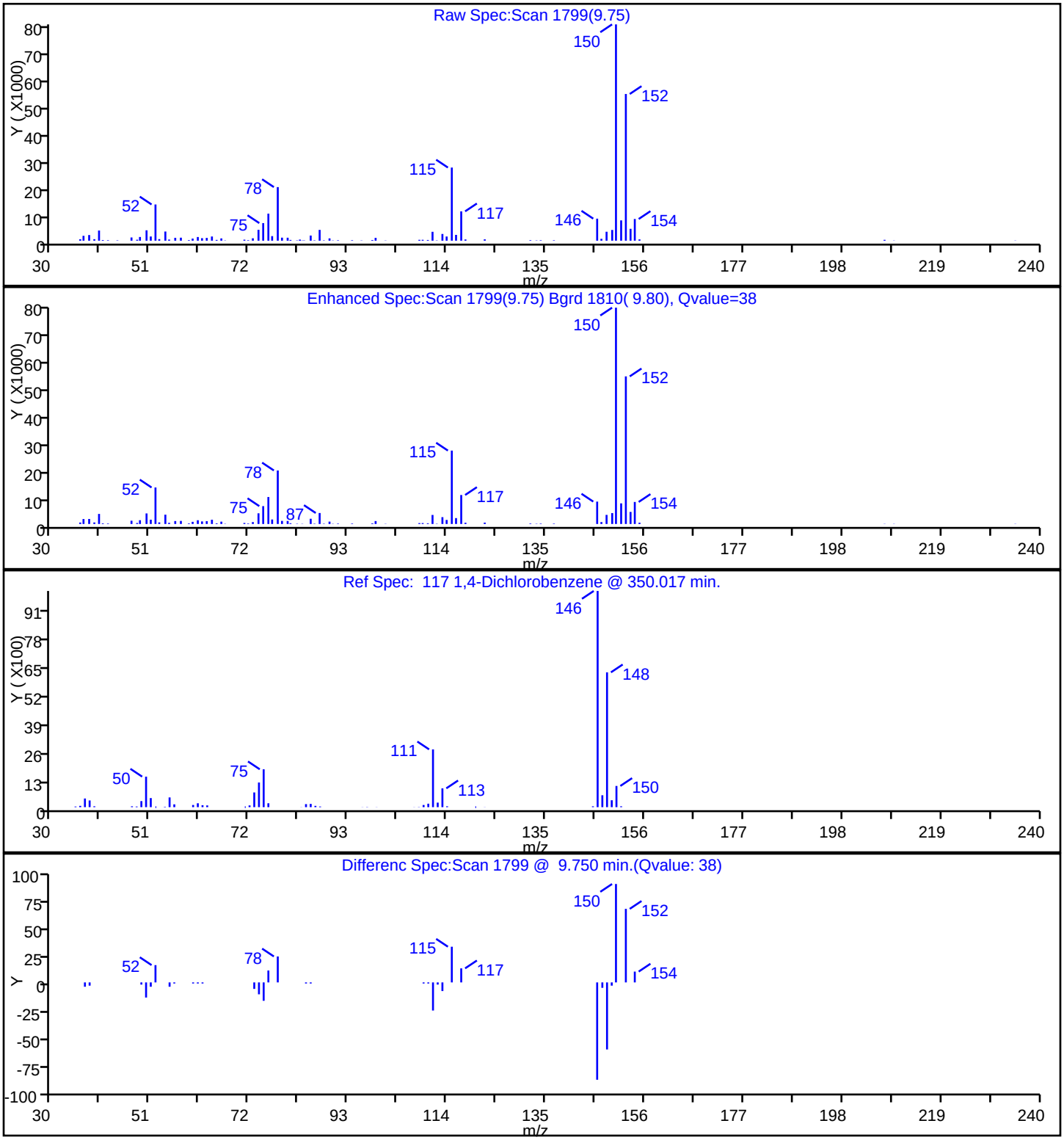
Report Date: 20-Sep-2013 07:02:16 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363120.D

Injection Date:	19-Sep-2013 06:49:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:	Trip Blank	Instrument ID:	CVOAMS4
Lims Batch ID:	182082	Lims Sample ID:	8
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

117 1,4-Dichlorobenzene



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 176275

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2013 09:12 Calibration End Date: 08/15/2013 11:42 Calibration ID: 27881

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-176275/4	P73660.D
Level 2	STD1 460-176275/5	P73661.D
Level 3	STD2 460-176275/6	P73662.D
Level 4	ICIS 460-176275/7	P73663.D
Level 5	STD4 460-176275/8	P73664.D
Level 6	STD5 460-176275/9	P73665.D
Level 7	STD6 460-176275/10	P73666.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 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	+++++ 0.3887	0.4754 0.4115	0.3516	0.4550	0.3610	Ave		0.4072				12.0		15.0			
Chloromethane	+++++ 0.3892	0.3658 0.4083	0.3031	0.4141	0.4463	Ave		0.3878			0.1000	13.0		15.0			
Vinyl chloride	+++++ 0.4777	0.5171 0.4985	0.4848	0.5360	0.4341	Ave		0.4914				7.2		15.0			
Butadiene	+++++ 0.4564	0.4078 0.4817	0.4056	0.4940	0.4105	Ave		0.4427				9.0		15.0			
Bromomethane	+++++ 0.2004	0.1930 0.2305	0.1769	0.2010	0.1748	Ave		0.1961				10.0		15.0			
Chloroethane	+++++ 0.2690	0.2882 0.2867	0.2375	0.2936	0.2401	Ave		0.2692			0.1000	9.3		15.0			
Trichlorofluoromethane	+++++ 0.4488	0.4986 0.4880	0.4249	0.5122	0.4038	Ave		0.4627				9.4		15.0			
Dichlorofluoromethane	+++++ 0.6446	0.6752 0.6817	0.5566	0.7320	0.6016	Ave		0.6486				9.6		15.0			
Isopropene	+++++ 0.5543	0.4936 0.5604	0.4202	0.5637	0.4793	Ave		0.5119				11.0		15.0			
Ethyl ether	+++++ 0.3515	0.3938 0.3503	0.3524	0.4092	0.3349	Ave		0.3653				8.0		15.0			
Ethanol	+++++ 0.0805	0.1519 0.0847	0.1111	0.0997	0.0778	Qua	9.5920	0.0762	0						1.0000		0.9900
1,1-Dichloroethene	+++++ 0.2516	0.2993 0.2907	0.2329	0.2834	0.2355	Ave		0.2656				11.0		15.0			
Carbon disulfide	+++++ 1.1134	1.0185 1.1577	0.9125	1.0992	0.9370	Ave		1.0397				9.6		15.0			
Freon TF	+++++ 0.2951	0.2724 0.2970	0.1676	0.3007	0.2470	Qua	-0.597	0.2934	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.: 460-62968-1 Analy Batch No.: 176275

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2013 09:12 Calibration End Date: 08/15/2013 11:42 Calibration ID: 27881

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 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Iodomethane	+++++ 0.3830	0.2211 0.3899	0.2746	0.3539	0.3217	Lin2	-0.144	0.3546							0.9900		0.9900
Cyclopentene	+++++ 1.0191	0.9456 1.0376	0.7914	1.0629	0.8782	Ave		0.9558				11.0		15.0			
Acrolein	+++++ 1.0828	1.3881 1.1534	1.0493	1.3453	1.0205	Ave		1.1732				13.0		15.0			
Allyl chloride	+++++ 0.1824	0.1805 0.1918	0.1802	0.2027	0.1753	Ave		0.1855				5.4		15.0			
Isopropanol	+++++ 1.0582	1.3503 1.0642	1.4100	1.3831	1.0043	Ave		1.2117				15.0		15.0			
Methylene Chloride	+++++ 0.3438	0.3454 0.3477	0.2989	0.3957	0.3193	Ave		0.3418				9.5		15.0			
Acetone	+++++ 0.1405	0.2549 0.1392	0.1742	0.1798	0.1423	Lin2	0.5392	0.1489							0.9910		0.9900
trans-1,2-Dichloroethene	+++++ 0.3052	0.3355 0.3242	0.2755	0.3312	0.2740	Ave		0.3076				8.9		15.0			
Methyl acetate	+++++ 0.5727	0.4237 0.5697	0.4306	0.6741	0.5510	Qua	0.2512	0.5731	0						1.0000		0.9900
Hexane	+++++ 0.8828	0.7682 0.8807	0.5673	0.9277	0.7890	Qua	-1.165	0.8837	0						1.0000		0.9900
MTBE	+++++ 1.1004	1.0361 1.1206	1.0233	1.2607	1.0361	Ave		1.0962				8.2		15.0			
TBA	+++++ 1.3961	2.3315 1.5085	1.6284	1.7644	1.3698	Lin2	8.4903	1.4857							0.9920		0.9900
Acetonitrile	+++++ 0.0656	0.0691 0.0667	0.0808	0.0854	0.0670	Ave		0.0724				12.0		15.0			
DIPE	+++++ 1.5987	1.6126 1.5949	1.5748	1.8870	1.5535	Ave		1.6369				7.6		15.0			
2-Chloro-1,3-butadiene	+++++ 0.2526	0.2948 0.2308	0.2578	0.2993	0.2578	Ave		0.2655				10.0		15.0			
1,1-Dichloroethane	+++++ 0.6785	0.6757 0.7167	0.6423	0.7393	0.6242	Ave		0.6795			0.1000	6.4		15.0			
Acrylonitrile	+++++ 0.1748	0.1541 0.1768	0.1673	0.2105	0.1666	Ave		0.1750				11.0		15.0			
Allyl alcohol	+++++ 0.6660	0.6853 0.7118	0.7260	0.8219	0.6544	Ave		0.7109				8.5		15.0			
Tert-butyl ethyl ether	+++++ 1.2363	1.2078 1.2419	1.2588	1.4435	1.1989	Ave		1.2646				7.2		15.0			
Vinyl acetate	+++++ 1.0598	0.9172 0.9243	0.9703	1.1935	0.9562	Ave		1.0035				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.: 460-62968-1 Analy Batch No.: 176275

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2013 09:12 Calibration End Date: 08/15/2013 11:42 Calibration ID: 27881

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 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	+++++ 0.3231	0.3377 0.3511	0.3125	0.3565	0.2996	Ave		0.3301				6.8		15.0			
2,2-Dichloropropane	+++++ 0.4709	0.4351 0.4819	0.3847	0.5046	0.4184	Ave		0.4493				9.9		15.0			
Cyclohexane	+++++ 0.7187	0.5852 0.7269	0.4015	0.7196	0.6105	Qua	-1.452	0.7136	0						1.0000		0.9900
Bromochloromethane	+++++ 0.1513	0.1760 0.1533	0.1405	0.1729	0.1391	Ave		0.1555				10.0		15.0			
Chloroform	+++++ 0.5587	0.5630 0.5830	0.5185	0.6127	0.5142	Ave		0.5583				6.8		15.0			
Carbon tetrachloride	+++++ 0.3737	0.3139 0.3799	0.2901	0.3634	0.3109	Ave		0.3387				11.0		15.0			
Ethyl acetate	+++++ 0.5376	0.5091 0.5407	0.5462	0.6171	0.5028	Ave		0.5422				7.5		15.0			
Methyl acrylate	+++++ 0.4283	0.3539 0.4334	0.3765	0.4753	0.3930	Ave		0.4101				11.0		15.0			
Tetrahydrofuran	+++++ 5.8651	6.5969 6.2269	5.8505	7.1938	5.6145	Ave		6.2246				9.4		15.0			
1,1,1-Trichloroethane	+++++ 0.4577	0.4644 0.4671	0.3885	0.4735	0.3959	Ave		0.4412				8.7		15.0			
1,1-Dichloropropene	+++++ 0.4588	0.4560 0.4693	0.3738	0.4678	0.4035	Ave		0.4382				9.1		15.0			
2-Butanone	+++++ 6.7503	6.3028 7.2567	7.6360	8.1929	6.6164	Ave		7.1259				9.9		15.0			
n-Heptane	+++++ 0.3057	0.1994 0.2933	0.1276	0.2913	0.2602	Qua	-0.922	0.3155	0						1.0000		0.9900
Benzene	+++++ 1.9755	2.0528 1.9490	1.8590	2.1826	1.7903	Ave		1.9682				7.1		15.0			
Propionitrile	+++++ 1.8642	1.8758 2.0180	2.0930	2.2285	1.8172	Ave		1.9828				8.0		15.0			
Methacrylonitrile	+++++ 0.1740	0.1505 0.1776	0.1878	0.2030	0.1653	Ave		0.1764				10.0		15.0			
Tert-amyl methyl ether	+++++ 1.0240	0.9437 1.0481	1.0701	1.1694	0.9775	Ave		1.0388				7.6		15.0			
1,2-Dichloroethane	+++++ 0.4731	0.4691 0.4815	0.4560	0.5426	0.4542	Ave		0.4794				6.8		15.0			
Isobutyl alcohol	+++++ 0.4060	0.4431 0.4503	0.3895	0.4632	0.3782	Ave		0.4217				8.3		15.0			
2,4,4-Trimethyl-1-pentene	+++++ 1.1363	0.6895 1.1356	0.5028	1.1492	0.9844	Qua	-4.945	1.1405	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.: 460-62968-1 Analy Batch No.: 176275

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2013 09:12 Calibration End Date: 08/15/2013 11:42 Calibration ID: 27881

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 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropyl acetate	+++++ 1.0102	0.8643 1.0426	0.8822	1.1235	0.9343	Ave		0.9762				10.0		15.0			
Methylcyclohexane	+++++ 0.5924	0.4538 0.5931	0.3065	0.5891	0.5055	Qua	-1.299	0.5928	0						1.0000		0.9900
Trichloroethene	+++++ 0.3271	0.3342 0.3388	0.3055	0.3520	0.2941	Ave		0.3253				6.6		15.0			
n-Butanol	+++++ 0.4172	0.3639 0.4550	0.4300	0.4473	0.3730	Ave		0.4144				9.2		15.0			
Dibromomethane	+++++ 0.1992	0.2057 0.2065	0.1811	0.2280	0.1866	Ave		0.2012				8.3		15.0			
1,2-Dichloropropane	+++++ 0.4046	0.4188 0.4229	0.3909	0.4475	0.3718	Ave		0.4094				6.5		15.0			
Ethyl acrylate	+++++ 0.6242	0.5038 0.6347	0.6253	0.6884	0.5700	Ave		0.6077				10.0		15.0			
Bromodichloromethane	+++++ 0.4586	0.4107 0.4788	0.4141	0.4811	0.4144	Ave		0.4430				7.6		15.0			
Methyl methacrylate	+++++ 0.1014	0.0889 0.1041	0.1091	0.1149	0.0975	Ave		0.1027				8.8		15.0			
1,4-Dioxane	+++++ 1.3385	1.5026 1.5327	1.6538	2.0376	1.4879	Ave		1.5922				15.0		15.0			
Propyl acetate	+++++ 0.7938	0.7154 0.8194	0.6882	0.8854	0.7343	Ave		0.7728				9.5		15.0			
2-Chloroethyl vinyl ether	+++++ 0.2919	0.2464 0.3008	0.3115	0.3329	0.2776	Ave		0.2935				10.0		15.0			
cis-1,3-Dichloropropene	+++++ 0.8420	0.6586 0.8506	0.7263	0.8878	0.7650	Ave		0.7884				11.0		15.0			
Toluene	+++++ 1.9883	1.9309 2.0021	1.8289	2.1427	1.7873	Ave		1.9467				6.6		15.0			
Epichlorohydrin	+++++ 0.0702	0.0568 0.0695	0.0609	0.0812	0.0658	Ave		0.0674				13.0		15.0			
2-Nitropropane	+++++ 0.1212	0.1000 0.1280	0.1180	0.1247	0.1065	Ave		0.1164				9.4		15.0			
Tetrachloroethene	+++++ 0.4171	0.4470 0.4149	0.3514	0.4365	0.3615	Ave		0.4047				9.7		15.0			
4-Methyl-2-pentanone	+++++ 0.7698	0.5745 0.7612	0.8468	0.8742	0.7146	Ave		0.7569				14.0		15.0			
trans-1,3-Dichloropropene	+++++ 0.8061	0.6828 0.8147	0.6650	0.8640	0.7306	Ave		0.7605				10.0		15.0			
1,1,2-Trichloroethane	+++++ 0.3728	0.3941 0.3771	0.3549	0.4171	0.3530	Ave		0.3782				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.: 460-62968-1 Analy Batch No.: 176275

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2013 09:12 Calibration End Date: 08/15/2013 11:42 Calibration ID: 27881

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 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl methacrylate	+++++ 0.5347	0.4050 0.5599	0.4390	0.5817	0.4898	Ave		0.5017				14.0		15.0			
Dibromochloromethane	+++++ 0.4411	0.4100 0.4457	0.3734	0.4647	0.3924	Ave		0.4212				8.3		15.0			
1,3-Dichloropropane	+++++ 0.8212	0.8263 0.8220	0.7658	0.9527	0.7679	Ave		0.8260				8.2		15.0			
1,2-Dibromoethane	+++++ 0.4253	0.3721 0.4226	0.3873	0.4745	0.3966	Ave		0.4130				8.8		15.0			
Butyl acetate	+++++ 1.1272	1.0064 1.1185	1.1538	1.2145	1.0162	Ave		1.1061				7.3		15.0			
2-Hexanone	+++++ 0.5531	0.4624 0.5493	0.6123	0.6276	0.5094	Ave		0.5524				11.0		15.0			
Chlorobenzene	+++++ 1.2222	1.2225 1.2431	1.1263	1.3093	1.1095	Ave		1.2055			0.3000	6.2		15.0			
Ethylbenzene	+++++ 0.6610	0.6437 0.6758	0.5787	0.6777	0.5805	Ave		0.6362				7.2		15.0			
1,1,1,2-Tetrachloroethane	+++++ 0.4173	0.3896 0.4256	0.3562	0.4360	0.3713	Ave		0.3993				8.0		15.0			
m&p-Xylene	+++++ 0.8218	0.7272 0.8381	0.6747	0.8566	0.7106	Ave		0.7715				9.9		15.0			
o-Xylene	+++++ 0.7960	0.6789 0.8088	0.6648	0.8210	0.7031	Ave		0.7454				9.5		15.0			
Bromoform	+++++ 0.3075	0.2591 0.3170	0.2461	0.3090	0.2642	Ave		0.2838			0.1000	11.0		15.0			
Styrene	+++++ 1.4069	1.1566 1.4460	1.1617	1.4438	1.2401	Ave		1.3092				11.0		15.0			
Butyl acrylate	+++++ 0.4417	0.2740 0.4470	0.3243	0.4458	0.3832	Lin2	-0.157	0.4194							0.9900		0.9900
Isopropylbenzene	+++++ 2.1645	1.7656 2.2072	1.6859	2.1876	1.8800	Ave		1.9818				12.0		15.0			
Camphene, Total	+++++ 0.2609	0.1992 0.2501	0.1424	0.2501	0.2226	Qua	-0.713	0.2689	0						1.0000		0.9900
Amly acetate	+++++ 2.5270	1.9148 2.6641	2.0474	2.6998	2.2926	Ave		2.3576				14.0		15.0			
Monobromobenzene	+++++ 0.9378	0.8318 0.9757	0.8966	1.0457	0.8614	Ave		0.9248				8.5		15.0			
N-Propylbenzene	+++++ 5.1391	4.2794 5.4161	4.1267	5.1926	4.4409	Ave		4.7658				11.0		15.0			
1,1,2,2-Tetrachloroethane	+++++ 1.1942	1.0398 1.2056	1.1284	1.3513	1.1063	Ave		1.1709			0.3000	9.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 176275

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2013 09:12 Calibration End Date: 08/15/2013 11:42 Calibration ID: 27881

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 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	+++++ 3.4296	3.0914 3.5957	2.9249	3.5789	3.0664	Ave		3.2811				8.8		15.0			
p-Ethyltoluene	+++++ 4.1486	3.5583 4.3541	3.3340	4.2184	3.6132	Ave		3.8711				11.0		15.0			
1,2,3-Trichloropropane	+++++ 0.3138	0.3162 0.3253	0.3276	0.3597	0.2921	Ave		0.3224				6.9		15.0			
1,3,5-Trimethylbenzene	+++++ 3.4169	2.8168 3.5604	2.7848	3.5330	3.0316	Ave		3.1906				11.0		15.0			
trans-1,4-Dichloro-2-butene	+++++ 0.4454	0.4347 0.4687	0.3878	0.4896	0.4070	Ave		0.4388				8.6		15.0			
4-Chlorotoluene	+++++ 3.2488	2.8971 3.3738	2.7446	3.4309	2.8782	Ave		3.0956				9.4		15.0			
tert-Butylbenzene	+++++ 2.8719	2.3380 2.9981	2.1494	2.8706	2.4841	Ave		2.6187				13.0		15.0			
Butyl Methacrylate	+++++ 1.3909	0.9123 1.4670	0.9812	1.3974	1.2316	Qua	-1.531	1.3399	0.0003						1.0000		0.9900
1,2,4-Trimethylbenzene	+++++ 3.5465	3.0481 3.6731	3.0113	3.7538	3.1778	Ave		3.3684				9.8		15.0			
sec-Butylbenzene	+++++ 4.4559	3.3952 4.5979	3.2406	4.4544	3.8833	Ave		4.0045				15.0		15.0			
1,3-Dichlorobenzene	+++++ 1.8596	1.8222 1.9227	1.7139	2.0201	1.6753	Ave		1.8356				7.0		15.0			
p-Isopropyltoluene	+++++ 3.8384	2.6482 3.9871	2.7468	3.8120	3.3327	Qua	-5.510	3.7366	0.0005						1.0000		0.9900
1,4-Dichlorobenzene	+++++ 1.8801	2.0056 1.9292	1.8233	2.0573	1.7349	Ave		1.9051				6.2		15.0			
Indan	+++++ 3.5948	3.2053 3.7065	3.2548	3.9043	3.2883	Ave		3.4923				8.2		15.0			
Benzyl chloride	+++++ 3.1413	2.2131 3.2378	2.7306	3.2518	2.7984	Ave		2.8955				14.0		15.0			
1,4-Diethylbenzene	+++++ 2.2662	1.8720 2.3368	1.7594	2.3154	2.0061	Ave		2.0927				12.0		15.0			
n-Butylbenzene	+++++ 3.8456	3.0374 3.8864	2.8209	3.9108	3.3722	Ave		3.4789				14.0		15.0			
1,2-Dichlorobenzene	+++++ 1.8061	1.8011 1.8256	1.7663	2.0219	1.6785	Ave		1.8166				6.2		15.0			
1,2,4,5-Tetramethylbenzene	+++++ 3.6812	2.5508 3.7265	2.6186	3.7300	3.2941	Qua	-4.900	3.6515	0.0002						1.0000		0.9900
1,2-Dibromo-3-Chloropropane	+++++ 0.2520	0.2073 0.2538	0.2300	0.2819	0.2347	Ave		0.2433				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.: 460-62968-1 Analy Batch No.: 176275

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2013 09:12 Calibration End Date: 08/15/2013 11:42 Calibration ID: 27881

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 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3,5-Trichlorobenzene	+++++ 1.3825	1.5483 1.3310	1.6079	1.6028	1.3665	Ave		1.4732				8.6		15.0			
1,2,4-Trichlorobenzene	+++++ 1.3465	1.4948 1.3529	1.2422	1.4796	1.2667	Ave		1.3638				7.7		15.0			
Hexachlorobutadiene	+++++ 0.5533	0.4621 0.5077	0.4167	0.5365	0.5095	Ave		0.4976				10.0		15.0			
Camphor	+++++ 0.1474	0.1269 0.1492	0.1223	0.1599	0.1344	Ave		0.1400				10.0		15.0			
Naphthalene	+++++ 3.5902	3.3828 3.6414	3.2375	4.1534	3.4157	Ave		3.5702				9.0		15.0			
1,2,3-Trichlorobenzene	+++++ 1.2193	1.0697 1.2091	1.1017	1.4066	1.1656	Ave		1.1954				10.0		15.0			
Dibromofluoromethane (Surr)	+++++ 0.1898	0.1882 0.1944	0.1698	0.2027	0.1860	Ave		0.1885				5.8		15.0			
1,2-Dichloroethane-d4 (Surr)	+++++ 0.2708	0.2625 0.3026	0.2413	0.2755	0.2628	Ave		0.2692				7.5		15.0			
Toluene-d8 (Surr)	+++++ 1.1538	1.1271 1.1621	1.0201	1.2308	1.1435	Ave		1.1396				6.0		15.0			
Bromofluorobenzene	+++++ 0.3663	0.3595 0.3683	0.3157	0.3876	0.3509	Ave		0.3580				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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 176275

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2013 09:12 Calibration End Date: 08/15/2013 11:42 Calibration ID: 27881

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-176275/4	P73660.D
Level 2	STD1 460-176275/5	P73661.D
Level 3	STD2 460-176275/6	P73662.D
Level 4	ICIS 460-176275/7	P73663.D
Level 5	STD4 460-176275/8	P73664.D
Level 6	STD5 460-176275/9	P73665.D
Level 7	STD6 460-176275/10	P73666.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	+++++ 945848	5524 2454556	20437	99987	217011	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 947059	4251 2435764	17616	91003	268256	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 1162622	6009 2974019	28180	117781	260940	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	+++++ 1110765	4739 2873792	23575	108559	246740	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 487785	2243 1375196	10281	44163	105073	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 654692	3349 1710468	13808	64529	144307	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 1092158	5794 2911264	24701	112559	242721	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1568781	7846 4066648	32353	160866	361619	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropene	FB	Ave	+++++ 1348905	5736 3343014	24424	123874	288106	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl ether	FB	Ave	+++++ 855330	4576 2089536	20486	89911	201295	+++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBA	Qua	+++++ 373654	3174 917266	11951	40260	87797	+++++ 10000	50.0 25000	250	1000	2500
1,1-Dichloroethene	FB	Ave	+++++ 612402	3478 1734140	13539	62282	141558	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	+++++ 2709668	11835 6906194	53041	241541	563272	+++++ 200	1.00 500	5.00	20.0	50.0
Freon TF	FB	Qua	+++++ 718053	3165 1771780	9742	66078	148504	+++++ 200	1.00 500	5.00	20.0	50.0
Iodomethane	FB	Lin2	+++++ 931970	2569 2325821	15961	77767	193368	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 176275

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2013 09:12 Calibration End Date: 08/15/2013 11:42 Calibration ID: 27881

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Cyclopentene	FB	Ave	+++++ 2480043	10988 6189771	46000	233564	527927	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBA	Ave	+++++ 100558	2320 199823	9027	21733	46076	+++++ 200	4.00 400	20.0	40.0	100
Allyl chloride	FB	Ave	+++++ 443858	2097 1143921	10472	44542	105353	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropanol	TBA	Ave	+++++ 982662	5642 2304677	30325	111714	226717	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 836801	4014 2074127	17377	86944	191922	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	FB	Lin2	+++++ 1709578	14811 4153464	50630	197546	427580	+++++ 1000	5.00 2500	25.0	100	250
trans-1,2-Dichloroethene	FB	Ave	+++++ 742761	3898 1934039	16015	72789	164725	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Qua	+++++ 6968858	24616 16993140	125141	740636	1656143	+++++ 1000	5.00 2500	25.0	100	250
Hexane	FB	Qua	+++++ 2148364	8926 5253576	32973	203855	474294	+++++ 200	1.00 500	5.00	20.0	50.0
MTBE	FB	Ave	+++++ 2677912	12039 6684888	59481	277039	622824	+++++ 200	1.00 500	5.00	20.0	50.0
TBA	TBA	Lin2	+++++ 1296474	9742 3266826	35022	142514	309243	+++++ 2000	10.0 5000	50.0	200	500
Acetonitrile	FB	Ave	+++++ 1596095	8034 3981104	46940	187599	402851	+++++ 2000	10.0 5000	50.0	200	500
DIPE	FB	Ave	+++++ 3890738	18739 9514559	91541	414658	933879	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 614630	3426 1376903	14987	65766	154988	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1651230	7852 4275643	37335	162460	375220	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	+++++ 4254471	17901 10550085	97224	462616	1001415	+++++ 2000	10.0 5000	50.0	200	500
Allyl alcohol	TBA	Ave	+++++ 1546218	7159 3853865	39034	165975	369309	+++++ 5000	25.0 12500	125	500	1250
Tert-butyl ethyl ether	FB	Ave	+++++ 3008826	14035 7408784	73170	317212	720690	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	+++++ 5158334	21317 11028010	112799	524525	1149550	+++++ 400	2.00 1000	10.0	40.0	100
cis-1,2-Dichloroethene	FB	Ave	+++++ 786410	3924 2094606	18166	78350	180103	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 1146123	5056 2874871	22363	110880	251510	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 176275

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2013 09:12 Calibration End Date: 08/15/2013 11:42 Calibration ID: 27881

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Cyclohexane	FB	Qua	+++++ 1749159	6800 4336257	23339	158138	366958	+++++ 200	1.00 500	5.00	20.0	50.0
Bromochloromethane	FB	Ave	+++++ 368312	2045 914273	8165	37995	83602	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroform	FB	Ave	+++++ 1359611	6542 3477944	30136	134636	309088	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 909418	3648 2266022	16862	79861	186919	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	FB	Ave	+++++ 2616852	11832 6450760	63494	271232	604448	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 1042325	4112 2585285	21885	104453	236243	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	TBA	Ave	+++++ 1089321	5513 2697045	25165	116213	253496	+++++ 400	2.00 1000	10.0	40.0	100
1,1,1-Trichloroethane	FB	Ave	+++++ 1113939	5396 2786530	22585	104058	238007	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 1116438	5299 2799401	21729	102801	242555	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone	TBA	Ave	+++++ 3134330	13168 7857600	82113	330886	746835	+++++ 1000	5.00 2500	25.0	100	250
n-Heptane	FB	Qua	+++++ 743958	2317 1749801	7417	64017	156416	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBZ	Ave	+++++ 3440703	16810 8681464	77280	342895	766972	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBA	Ave	+++++ 1731196	7838 4370158	45014	180001	410231	+++++ 2000	10.0 5000	50.0	200	500
Methacrylonitrile	FB	Ave	+++++ 4234281	17491 10592642	109136	446155	993901	+++++ 2000	10.0 5000	50.0	200	500
Tert-amyl methyl ether	FB	Ave	+++++ 2492168	10966 6252433	62203	256970	587621	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 1151305	5451 2872301	26506	119243	273003	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBA	Ave	+++++ 942640	4629 2437940	20943	93530	213465	+++++ 5000	25.0 12500	125	500	1250
2,4,4-Trimethyl-1-pentene	FB	Qua	+++++ 5530551	16023 13548647	58450	505061	1183475	+++++ 400	2.00 1000	10.0	40.0	100
Isopropyl acetate	FB	Ave	+++++ 2458449	10043 6219978	51278	246894	561660	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Qua	+++++ 1441582	5273 3538160	17815	129465	303875	+++++ 200	1.00 500	5.00	20.0	50.0
Trichloroethene	FB	Ave	+++++ 796022	3884 2020872	17758	77344	176804	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 176275

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2013 09:12 Calibration End Date: 08/15/2013 11:42 Calibration ID: 27881

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Butanol	TBA	Ave	+++++ 968519	3801 2463370	23122	90322	210529	+++++ 5000	25.0 12500	125	500	1250
Dibromomethane	FB	Ave	+++++ 484741	2390 1231694	10528	50100	112177	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 984541	4866 2522851	22719	98335	223522	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 1519042	5854 3786469	36346	151279	342657	+++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	+++++ 1116175	4772 2856583	24072	105716	249136	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 493523	2067 1241984	12679	50503	117265	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 235119	2794 574547	6535	29247	60337	+++++ 4000	50.0 10000	100	400	1000
Propyl acetate	FB	Ave	+++++ 1931910	8313 4888121	40004	194561	441436	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 710366	2863 1794500	18106	73153	166865	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,3-Dichloropropene	CBZ	Ave	+++++ 1466535	5393 3788955	30192	139485	327719	+++++ 200	1.00 500	5.00	20.0	50.0
Toluene	CBZ	Ave	+++++ 3462944	15812 8918031	76029	336636	765657	+++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	CBZ	Ave	+++++ 2444310	9306 6190051	50653	255236	564181	+++++ 4000	20.0 10000	100	400	1000
2-Nitropropane	FB	Ave	+++++ 590001	2325 1527335	13716	54792	128083	+++++ 400	2.00 1000	10.0	40.0	100
Tetrachloroethene	CBZ	Ave	+++++ 726528	3660 1847982	14608	68580	154855	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone	CBZ	Ave	+++++ 6704109	23524 16953567	176016	686709	1530668	+++++ 1000	5.00 2500	25.0	100	250
trans-1,3-Dichloropropene	CBZ	Ave	+++++ 1404005	5591 3629127	27644	135748	312965	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 649282	3227 1679795	14754	65532	151226	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Ave	+++++ 1301380	4706 3340132	25517	127828	294424	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromochloromethane	CBZ	Ave	+++++ 768348	3357 1985213	15521	73010	168101	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBZ	Ave	+++++ 1430294	6766 3661547	31836	149682	328973	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromoethane	CBZ	Ave	+++++ 740670	3047 1882193	16099	74540	169907	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 176275

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2013 09:12 Calibration End Date: 08/15/2013 11:42 Calibration ID: 27881

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Butyl acetate	CBZ	Ave	+++++ 1963328	8241 4982263	47964	190800	435347	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	CBZ	Ave	+++++ 4816765	18932 12233026	127262	493038	1091181	+++++ 1000	5.00 2500	25.0	100	250
Chlorobenzene	CBZ	Ave	+++++ 2128640	10011 5537245	46820	205707	475324	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBZ	Ave	+++++ 1151186	5271 3010135	24058	106479	248664	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	+++++ 726750	3190 1895963	14809	68494	159044	+++++ 200	1.00 500	5.00	20.0	50.0
m&p-Xylene	CBZ	Ave	+++++ 1431347	5955 3733339	28046	134582	304429	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBZ	Ave	+++++ 1386454	5559 3602455	27636	128979	301191	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBZ	Ave	+++++ 535574	2122 1411982	10232	48547	113198	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBZ	Ave	+++++ 2450415	9471 6441123	48292	226830	531260	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl acrylate	CBZ	Lin2	+++++ 769295	2244 1991211	13480	70034	164172	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBZ	Ave	+++++ 3769925	14458 9831344	70082	343682	805399	+++++ 200	1.00 500	5.00	20.0	50.0
Camphene, Total	CBZ	Qua	+++++ 454435	1631 1113850	5919	39297	95359	+++++ 200	1.00 500	5.00	20.0	50.0
Amly acetate	DCB	Ave	+++++ 2370039	8370 6147048	45272	226555	525258	+++++ 200	1.00 500	5.00	20.0	50.0
Monobromobenzene	DCB	Ave	+++++ 879587	3636 2251389	19826	87749	197351	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCB	Ave	+++++ 4819960	18706 12497122	91248	435748	1017443	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	+++++ 1120049	4545 2781737	24950	113398	253452	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCB	Ave	+++++ 3216605	13513 8296820	64674	300326	702524	+++++ 200	1.00 500	5.00	20.0	50.0
p-Ethyltoluene	DCB	Ave	+++++ 3891027	15554 10046679	73720	353997	827803	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	+++++ 294277	1382 750648	7244	30183	66923	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	+++++ 3204753	12313 8215244	61577	296473	694556	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 417746	1900 1081517	8574	41082	93240	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 176275

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2013 09:12 Calibration End Date: 08/15/2013 11:42 Calibration ID: 27881

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Chlorotoluene	DCB	Ave	+++++ 3047055	12664 7784771	60689	287906	659417	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCB	Ave	+++++ 2693534	10220 6917857	47528	240894	569117	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCB	Qua	+++++ 1304529	3988 3385053	21696	117268	282162	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	+++++ 3326275	13324 8475225	66586	315003	728044	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCB	Ave	+++++ 4179168	14841 10609249	71655	373798	889686	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	+++++ 1744119	7965 4436453	37897	169518	383827	+++++ 200	1.00 500	5.00	20.0	50.0
p-Isopropyltoluene	DCB	Qua	+++++ 3600068	11576 9199727	60737	319888	763542	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCB	Ave	+++++ 1763356	8767 4451444	40317	172645	397475	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCB	Ave	+++++ 3371624	14011 8552305	71969	327636	753360	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCB	Ave	+++++ 2946242	9674 7470836	60378	272882	641125	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Diethylbenzene	DCB	Ave	+++++ 2125465	8183 5391918	38903	194303	459615	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCB	Ave	+++++ 3606778	13277 8967452	62376	328182	772600	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	+++++ 1693981	7873 4212409	39056	169672	384544	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCB	Qua	+++++ 3452646	11150 8598504	57902	313007	754707	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	+++++ 236387	906 585602	5085	23657	53780	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCB	Ave	+++++ 1296662	6768 3071068	35554	134502	313084	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	+++++ 1262873	6534 3121788	27468	124159	290200	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCB	Ave	+++++ 518962	2020 1171512	9215	45021	116728	+++++ 200	1.00 500	5.00	20.0	50.0
Camphor	DCB	Ave	+++++ 691046	2773 1721509	13526	67096	153955	+++++ 1000	5.00 2500	25.0	100	250
Naphthalene	DCB	Ave	+++++ 3367223	14787 8402193	71588	348539	782562	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	+++++ 1143625	4676 2789819	24361	118041	267054	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 176275

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2013 09:12 Calibration End Date: 08/15/2013 11:42 Calibration ID: 27881

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dibromofluoromethane (Surr)	FB	Ave	+++++ 115488	109316 115979	98722	111375	111782	+++++ 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	+++++ 164750	152506 180519	140272	151334	157954	+++++ 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	+++++ 502411	461480 517650	424049	483419	489885	+++++ 50.0	50.0 50.0	50.0	50.0	50.0
Bromofluorobenzene	CBZ	Ave	+++++ 159483	147174 164036	131243	152251	150321	+++++ 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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			
p-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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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
p-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.: 460-62968-1 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.: 460-62968-1 Analy Batch No.: 179700

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/05/2013 03:49 Calibration End Date: 09/05/2013 06:32 Calibration ID: 29061

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-179700/5	D362533.D
Level 2	STD2 460-179700/3	D362531.D
Level 3	ICIS 460-179700/2	D362530.D
Level 4	STD4 460-179700/6	D362534.D
Level 5	STD5 460-179700/7	D362535.D
Level 6	STD6 460-179700/8	D362536.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	0.9154 0.7102	0.9434	0.9397	0.9479	0.7883	Ave		0.8742				11.0		15.0			
Chloromethane	0.4552 0.4458	0.4557	0.3653	0.3830	0.3743	Ave		0.4132			0.1000	10.0		15.0			
Butadiene	0.3552 0.2979	0.3847	0.3769	0.3550	0.3289	Ave		0.3498				9.2		15.0			
Vinyl chloride	0.5206 0.3867	0.5035	0.4575	0.4627	0.4201	Ave		0.4585				11.0		15.0			
Bromomethane	0.3177 0.3116	0.3907	0.3725	0.3636	0.3456	Ave		0.3503				8.9		15.0			
Chloroethane	0.2706 0.2135	0.2683	0.2533	0.2532	0.2391	Ave		0.2497			0.1000	8.5		15.0			
Trichlorofluoromethane	1.3350 0.8903	1.0993	1.0775	1.0773	0.9965	Ave		1.0793				14.0		15.0			
Dichlorofluoromethane	0.7480 0.7504	0.9860	0.8516	0.8900	0.8300	Ave		0.8427				11.0		15.0			
Isopropene	0.4825 0.4666	0.6429	0.5134	0.5079	0.5044	Ave		0.5196				12.0		15.0			
Ethyl ether	0.1842 0.1503	0.1900	0.1790	0.1651	0.1535	Ave		0.1704				9.7		15.0			
1,1-Dichloroethene	0.3701 0.3313	0.4148	0.3704	0.3617	0.3560	Ave		0.3674				7.4		15.0			
Carbon disulfide	0.9762 1.1748	1.3390	1.2639	1.2409	1.2134	Ave		1.2014				10.0		15.0			
Ethanol	0.2456 0.0964	0.1798	0.1054	0.1057	0.0996	Qua	11.692	0.1002	0						1.0000		0.9900
Freon TF	0.5016 0.4693	0.6424	0.5221	0.4975	0.4900	Ave		0.5205				12.0		15.0			
Iodomethane	0.7308 0.6607	0.7930	0.7107	0.7089	0.6890	Ave		0.7155				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.: 460-62968-1 Analy Batch No.: 179700

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/05/2013 03:49 Calibration End Date: 09/05/2013 06:32 Calibration ID: 29061

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclopentene	0.7957 0.8652	1.2039	0.9459	0.9087	0.9180	Ave		0.9396				15.0		15.0			
Acrolein	0.0100 0.0092	0.0122	0.0106	0.0104	0.0094	Ave		0.0103				10.0		15.0			
Allyl chloride	0.2027 0.1877	0.2031	0.1940	0.1964	0.1944	Ave		0.1964				3.0		15.0			
Isopropanol	0.5298 0.5605	0.6167	0.5884	0.5992	0.5617	Ave		0.5761				5.4		15.0			
Methylene Chloride	0.3985 0.3226	0.4078	0.3581	0.3514	0.3375	Ave		0.3626				9.3		15.0			
Acetone	0.1209 0.0495	0.0837	0.0659	0.0567	0.0503	Qua	1.0655	0.0498	0						1.0000		0.9900
trans-1,2-Dichloroethene	0.5201 0.3870	0.5116	0.4077	0.4176	0.3990	Ave		0.4405				13.0		15.0			
Methyl acetate	0.1199 0.1654	0.2142	0.1833	0.1575	0.1646	Qua	0.5463	0.1626	0						1.0000		0.9900
Hexane	0.4533 0.5425	0.6643	0.6079	0.5970	0.5668	Ave		0.5720				12.0		15.0			
MTBE	0.8953 0.8157	1.0906	0.8938	0.8930	0.8544	Ave		0.9071				10.0		15.0			
TBA	4.0850 1.3640	2.0908	1.5763	1.4213	1.3658	Lin2	27.058	1.4080							0.9970		0.9900
Acetonitrile	0.0423 0.0091	0.0211	0.0143	0.0087	0.0109	Qua	0.0832	0.0117	0						0.9980		0.9900
DIPE	0.6626 0.6345	0.8390	0.6531	0.6519	0.6597	Ave		0.6835				11.0		15.0			
2-Chloro-1,3-butadiene	0.3042 0.3439	0.3796	0.3508	0.3660	0.3595	Ave		0.3507				7.4		15.0			
1,1-Dichloroethane	0.5439 0.5764	0.6456	0.5768	0.6087	0.5943	Ave		0.5909			0.1000	5.8		15.0			
Acrylonitrile	0.0433 0.0431	0.0489	0.0471	0.0463	0.0425	Ave		0.0452				5.7		15.0			
Allyl alcohol	0.7957 0.8185	0.5483	0.4979	0.5850	0.7894	Qua	-88.70	0.7736	0						0.9990		0.9900
Tert-butyl ethyl ether	0.8982 0.8773	1.0817	0.8895	0.8869	0.9154	Ave		0.9248				8.4		15.0			
Vinyl acetate	0.2129 0.2684	0.3150	0.3078	0.2946	0.2847	Ave		0.2806				13.0		15.0			
cis-1,2-Dichloroethene	0.3615 0.3807	0.4556	0.3883	0.4055	0.3981	Ave		0.3983				8.0		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.: 460-62968-1 Analy Batch No.: 179700

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/05/2013 03:49 Calibration End Date: 09/05/2013 06:32 Calibration ID: 29061

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2,2-Dichloropropane	0.6827 0.7960	0.9230	0.8252	0.7894	0.8193	Ave		0.8060				9.6		15.0			
Bromochloromethane	0.1387 0.1701	0.2260	0.1870	0.1823	0.1765	Qua	0.1194	0.1800	0						1.0000		0.9900
Cyclohexane	0.5876 0.5484	0.6397	0.5746	0.5591	0.5703	Ave		0.5800				5.5		15.0			
Chloroform	0.7613 0.7234	0.7945	0.7490	0.7631	0.7385	Ave		0.7550				3.2		15.0			
Carbon tetrachloride	0.7935 0.9659	1.0688	0.9804	0.9315	1.0042	Ave		0.9574				9.7		15.0			
Ethyl acetate	0.0113 0.0200	0.0239	0.0199	0.0238	0.0210	Qua	0.0209	0.0219	0						1.0000		0.9900
Tetrahydrofuran	0.0529 0.0409	0.0635	0.0504	0.0422	0.0415	Qua	0.1757	0.0413	0						1.0000		0.9900
1,1,1-Trichloroethane	0.9357 0.9084	0.9900	0.9460	0.9053	0.9444	Ave		0.9383				3.3		15.0			
1,1-Dichloropropene	0.4781 0.5066	0.5641	0.5311	0.5203	0.5205	Ave		0.5201				5.4		15.0			
2-Butanone	1.2112 1.5409	1.5373	1.2884	1.5694	1.5379	Ave		1.4475				11.0		15.0			
n-Heptane	0.2318 0.2436	0.3136	0.2588	0.2607	0.2538	Ave		0.2604				11.0		15.0			
Benzene	1.7447 1.5732	1.9274	1.6875	1.6702	1.6300	Ave		1.7055				7.2		15.0			
Propionitrile	0.0139 0.0165	0.0219	0.0185	0.0172	0.0174	Ave		0.0175				15.0		15.0			
Methacrylonitrile	0.0592 0.0587	0.0841	0.0650	0.0644	0.0626	Ave		0.0657				14.0		15.0			
Tert-amyl methyl ether	0.9262 0.8007	0.9611	0.8131	0.8389	0.8416	Ave		0.8636				7.5		15.0			
1,2-Dichloroethane	0.5381 0.4420	0.5244	0.4805	0.4805	0.4667	Ave		0.4887				7.4		15.0			
Isobutyl alcohol	0.1586 0.1288	0.1335	0.1249	0.1065	0.1239	Ave		0.1294				13.0		15.0			
2,4,4-Trimethyl-1-pentene	0.5798 0.9004	1.0731	0.8267	0.8415	0.8986	Qua	-1.433	0.8957	0						1.0000		0.9900
Isopropyl acetate	0.1063 0.2868	0.4181	0.3593	0.3255	0.3204	Qua	0.0380	0.3414	0						1.0000		0.9900
Methylcyclohexane	0.6694 0.7743	0.9236	0.7819	0.7848	0.7939	Ave		0.7880				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.: 460-62968-1 Analy Batch No.: 179700

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/05/2013 03:49 Calibration End Date: 09/05/2013 06:32 Calibration ID: 29061

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Methyl acrylate	0.5517 0.5453	0.6132	0.5646	0.5037	0.5507	Ave		0.5549				6.4		15.0			
Trichloroethene	0.4000 0.4273	0.4466	0.4351	0.4486	0.4358	Ave		0.4322				4.1		15.0			
Dibromomethane	0.1367 0.1700	0.2124	0.1767	0.1825	0.1759	Ave		0.1757				14.0		15.0			
n-Butanol	0.0005 0.0038	0.0018	0.0032	0.0035	0.0037	Qua	-0.197	0.0037	0						1.0000		0.9900
1,2-Dichloropropane	0.2531 0.2378	0.2966	0.2410	0.2394	0.2435	Ave		0.2519				9.0		15.0			
Bromodichloromethane	0.4467 0.5079	0.5614	0.5135	0.5114	0.5244	Ave		0.5109				7.3		15.0			
Ethyl acrylate	0.1560 0.1707	0.2446	0.1800	0.1742	0.1861	Qua	-0.196	0.1954	0						1.0000		0.9900
Methyl methacrylate	0.0624 0.0550	0.0743	0.0607	0.0626	0.0596	Ave		0.0624				10.0		15.0			
1,4-Dioxane	0.3796 1.8819	2.2065	1.7662	1.5923	1.6853	Qua	35.562	1.5424	0						1.0000		0.9900
Propyl acetate	0.1478 0.1510	0.2019	0.1714	0.1550	0.1624	Ave		0.1649				12.0		15.0			
2-Chloroethyl vinyl ether	0.0544 0.0751	0.0856	0.0650	0.0711	0.0720	Ave		0.0705				15.0		15.0			
cis-1,3-Dichloropropene	0.5785 0.5487	0.5830	0.5265	0.5488	0.5719	Ave		0.5596				3.9		15.0			
Toluene	2.3908 1.9034	2.3070	2.0302	2.0074	1.9829	Ave		2.1036				9.3		15.0			
Epichlorohydrin	0.0125 0.0154	0.0190	0.0179	0.0161	0.0159	Ave		0.0161				14.0		15.0			
2-Nitropropane	0.0541 0.0487	0.0664	0.0498	0.0504	0.0496	Ave		0.0532				13.0		15.0			
Tetrachloroethene	0.4473 0.5987	0.7006	0.6889	0.6620	0.6368	Ave		0.6224				15.0		15.0			
4-Methyl-2-pentanone	0.1352 0.1496	0.2098	0.1740	0.1713	0.1566	Ave		0.1661				15.0		15.0			
trans-1,3-Dichloropropene	0.3655 0.5194	0.4923	0.4728	0.5286	0.5392	Ave		0.4863				13.0		15.0			
1,1,2-Trichloroethane	0.1676 0.2005	0.2445	0.2257	0.2189	0.2069	Ave		0.2107				12.0		15.0			
Ethyl methacrylate	0.1648 0.2571	0.2499	0.2542	0.2607	0.2611	Lin2	-0.095	0.2616							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.: 460-62968-1 Analy Batch No.: 179700

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/05/2013 03:49 Calibration End Date: 09/05/2013 06:32 Calibration ID: 29061

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								
Dibromochloromethane	0.4257 0.4314	0.4549	0.4130	0.4327	0.4446	Ave		0.4337				3.4		15.0			
1,3-Dichloropropane	0.3705 0.4229	0.4323	0.4604	0.4392	0.4406	Ave		0.4277				7.2		15.0			
1,2-Dibromoethane	0.2849 0.2736	0.3037	0.2847	0.2797	0.2824	Ave		0.2848				3.6		15.0			
Butyl acetate	0.0684 0.0479	0.0653	0.0472	0.0512	0.0480	Qua	0.0595	0.0478	0						1.0000		0.9900
2-Hexanone	0.1182 0.1037	0.1375	0.1233	0.1147	0.1061	Ave		0.1172				11.0		15.0			
Chlorobenzene	1.2990 1.2347	1.4110	1.2656	1.2416	1.2846	Ave		1.2894			0.3000	5.0		15.0			
Ethylbenzene	0.6643 0.7031	0.8414	0.7694	0.7568	0.7539	Ave		0.7482				8.1		15.0			
1,1,1,2-Tetrachloroethane	0.5632 0.5490	0.5798	0.5379	0.5635	0.5741	Ave		0.5612				2.8		15.0			
m&p-Xylene	0.8857 0.8706	1.0343	0.9441	0.9328	0.9297	Ave		0.9329				6.2		15.0			
o-Xylene	0.7852 0.8486	0.9076	0.8893	0.8952	0.9062	Ave		0.8720				5.5		15.0			
Bromoform	0.2674 0.2617	0.2724	0.2701	0.2692	0.2756	Ave		0.2694			0.1000	1.8		15.0			
Styrene	1.1582 1.2454	1.2986	1.2755	1.2751	1.3083	Ave		1.2602				4.3		15.0			
Butyl acrylate	0.2217 0.1819	0.2491	0.1863	0.1895	0.1926	Ave		0.2035				13.0		15.0			
Isopropylbenzene	2.0949 2.4370	2.8971	2.7792	2.7552	2.8691	Ave		2.6388				12.0		15.0			
Camphene, Total	0.2176 0.2028	0.2282	0.1892	0.2003	0.2074	Ave		0.2076				6.6		15.0			
Amly acetate	0.5779 0.5772	0.6513	0.5625	0.5304	0.5680	Ave		0.5779				6.9		15.0			
Monobromobenzene	1.0756 0.9870	1.0666	1.0207	0.9657	0.9985	Ave		1.0190				4.3		15.0			
N-Propylbenzene	4.7945 4.6205	5.7933	5.3821	5.3207	5.7104	Ave		5.2703				9.0		15.0			
1,1,2,2-Tetrachloroethane	0.6523 0.5327	0.6500	0.5864	0.5700	0.5429	Ave		0.5890			0.3000	8.8		15.0			
p-Ethyltoluene	4.2179 4.2148	5.5137	4.6939	4.5845	4.8393	Ave		4.6773				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.: 460-62968-1 Analy Batch No.: 179700

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/05/2013 03:49 Calibration End Date: 09/05/2013 06:32 Calibration ID: 29061

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	3.5076 3.7944	4.1111	3.7171	3.6990	3.8266	Ave		3.7760				5.3		15.0			
1,2,3-Trichloropropane	0.2775 0.1954	0.2513	0.2155	0.2049	0.2071	Ave		0.2253				14.0		15.0			
1,3,5-Trimethylbenzene	3.5091 4.0314	4.3215	4.2156	4.1747	4.5195	Ave		4.1286				8.3		15.0			
trans-1,4-Dichloro-2-butene	0.0699 0.1512	0.0933	0.1334	0.1504	0.1509	Qua	-0.216	0.1523	0						1.0000		0.9900
4-Chlorotoluene	3.0809 3.2507	3.5571	3.1591	2.9975	3.2178	Ave		3.2105				6.0		15.0			
tert-Butylbenzene	2.8846 3.7069	3.3664	3.2868	3.3644	3.6574	Ave		3.3777				8.8		15.0			
Butyl Methacrylate	0.8288 0.8390	0.9231	0.8033	0.8089	0.8672	Ave		0.8451				5.3		15.0			
1,2,4-Trimethylbenzene	3.5456 3.9890	4.1997	4.1930	4.1312	4.2968	Ave		4.0592				6.7		15.0			
sec-Butylbenzene	4.2918 4.5589	5.5012	5.1471	5.2508	5.7172	Ave		5.0778				11.0		15.0			
p-Isopropyltoluene	3.7409 4.1955	4.8208	4.6411	4.7425	5.1451	Ave		4.5476				11.0		15.0			
1,3-Dichlorobenzene	2.2919 1.9599	2.4006	2.0806	2.0202	2.0040	Ave		2.1262				8.4		15.0			
1,4-Dichlorobenzene	2.2772 1.8775	2.3434	1.9977	1.9009	1.9201	Ave		2.0528				10.0		15.0			
Indan	1.6754 1.4942	1.9900	1.6946	1.5980	1.6059	Ave		1.6763				10.0		15.0			
1,4-Diethylbenzene	2.3181 2.7273	3.3709	2.8659	2.6507	2.8169	Ave		2.7917				12.0		15.0			
Benzyl chloride	0.3758 0.2532	0.3660	0.2861	0.2640	0.2642	Qua	0.2177	0.2691	0						1.0000		0.9900
n-Butylbenzene	2.0845 2.3094	2.7043	2.4358	2.3139	2.4568	Ave		2.3841				8.6		15.0			
1,2-Dichlorobenzene	2.1441 1.8258	2.1819	1.9163	1.8674	1.8509	Ave		1.9644				8.0		15.0			
1,2,4,5-Tetramethylbenzene	3.5823 3.8931	4.6340	4.1365	4.1142	4.5670	Ave		4.1545				9.6		15.0			
1,2-Dibromo-3-Chloropropane	0.2135 0.1587	0.1674	0.1712	0.1590	0.1577	Ave		0.1713				13.0		15.0			
1,3,5-Trichlorobenzene	1.9416 1.7490	2.2701	1.9323	1.8385	1.8371	Ave		1.9281				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.: 460-62968-1 Analy Batch No.: 179700

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/05/2013 03:49 Calibration End Date: 09/05/2013 06:32 Calibration ID: 29061

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	1.1299 1.1298	1.1704	1.1087	1.1078	1.2029	Ave		1.1416				3.3		15.0			
1,2,4-Trichlorobenzene	2.0614 1.4392	1.8977	1.6291	1.5105	1.5194	Ave		1.6762				15.0		15.0			
Camphor	0.1005 0.0608	0.1067	0.0529	0.0524	0.0563	Qua	0.4083	0.0524	0						1.0000		0.9900
Naphthalene	3.1460 2.5097	3.0997	2.5619	2.5254	2.5203	Ave		2.7272				11.0		15.0			
1,2,3-Trichlorobenzene	1.4780 1.3507	1.6603	1.4524	1.3778	1.4039	Ave		1.4538				7.7		15.0			
Dibromofluoromethane (Surr)	0.2880 0.2845	0.2888	0.3097	0.2982	0.2901	Ave		0.2932				3.2		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3055 0.2945	0.3118	0.3366	0.3177	0.3043	Ave		0.3117				4.6		15.0			
Toluene-d8 (Surr)	1.2828 1.3216	1.2819	1.4048	1.3541	1.3194	Ave		1.3274				3.5		15.0			
Bromofluorobenzene	0.7630 0.7940	0.7364	0.7970	0.7856	0.7680	Ave		0.7740				3.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 179700

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/05/2013 03:49 Calibration End Date: 09/05/2013 06:32 Calibration ID: 29061

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-179700/5	D362533.D
Level 2	STD2 460-179700/3	D362531.D
Level 3	ICIS 460-179700/2	D362530.D
Level 4	STD4 460-179700/6	D362534.D
Level 5	STD5 460-179700/7	D362535.D
Level 6	STD6 460-179700/8	D362536.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	9217 4479942	45843	195952	517203	1829491	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	4583 2811845	22146	76172	208979	868708	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	3576 1878909	18694	78601	193716	763205	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	5242 2439377	24469	95406	252467	974987	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	3199 1965366	18988	77668	198407	802003	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2725 1346521	13036	52828	138167	554838	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	13441 5616226	53419	224671	587822	2312569	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	7531 4733697	47913	177580	485620	1926125	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	4858 2943202	31243	107047	277108	1170597	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	1855 948178	9233	37317	90096	356194	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	3726 2090082	20158	77240	197373	826250	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	9829 7410262	65069	263543	677049	2816035	1.00 500	5.00	20.0	50.0	200
Ethanol	TBA	Qua	2237 447713	9474	21047	48678	174812	50.0 25000	250	1000	2500	10000
Freon TF	FB	Ave	5050 2960268	31218	108862	271463	1137239	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	Ave	7358 4167459	38536	148202	386788	1599051	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	8012 5457494	58504	197232	495828	2130299	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.: 460-62968-1 Analy Batch No.: 179700

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/05/2013 03:49 Calibration End Date: 09/05/2013 06:32 Calibration ID: 29061

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrolein	FB	Ave	10044 69454	23670	33222	45549	54625	100 600	200	300	400	500
Allyl chloride	FB	Ave	2041 1183761	9870	40460	107177	451105	1.00 500	5.00	20.0	50.0	200
Isopropanol	TBA	Ave	965 520829	6500	23495	55214	197081	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	4012 2034733	19819	74673	191720	783287	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Qua	6085 1562381	20345	68669	154615	583422	5.00 2500	25.0	100	250	1000
trans-1,2-Dichloroethene	FB	Ave	5237 2441401	24860	85004	227840	926004	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Qua	6034 5215555	52043	191093	429590	1909835	5.00 2500	25.0	100	250	1000
Hexane	FB	Ave	4564 3422199	32281	126757	325728	1315341	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	9014 5145512	52995	186374	487239	1982792	1.00 500	5.00	20.0	50.0	200
TBA	TBA	Lin2	7440 1267402	22038	62939	130969	479235	10.0 5000	50.0	200	500	2000
Acetonitrile	FB	Qua	4261 572075	10240	29848	47249	253344	10.0 5000	50.0	200	500	2000
DIPE	FB	Ave	6671 4002361	40769	136194	355695	1530913	1.00 500	5.00	20.0	50.0	200
2-Chloro-1,3-butadiene	FB	Ave	3063 2169247	18447	73147	199704	834268	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	5476 3635862	31374	120280	332115	1379114	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	4358 2720953	23747	98196	252729	987209	10.0 5000	50.0	200	500	2000
Allyl alcohol	TBA	Qua	3623 1901437	14448	49696	134780	692469	25.0 12500	125	500	1250	5000
Tert-butyl ethyl ether	FB	Ave	9044 5533772	52563	185470	483929	2124448	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	4288 3386197	30619	128358	321523	1321503	2.00 1000	10.0	40.0	100	400
cis-1,2-Dichloroethene	FB	Ave	3640 2401417	22140	80977	221265	923862	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	6874 5021237	44855	172076	430732	1901347	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Qua	1397 1073132	10981	38987	99450	409493	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.: 460-62968-1 Analy Batch No.: 179700

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/05/2013 03:49 Calibration End Date: 09/05/2013 06:32 Calibration ID: 29061

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Cyclohexane	FB	Ave	5916 3459457	31086	119823	305060	1323442	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	7665 4563069	38607	156174	416381	1713921	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	7989 6092682	51936	204434	508226	2330377	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Qua	227 252257	2318	8295	25970	97643	2.00 1000	10.0	40.0	100	400
Tetrahydrofuran	FB	Qua	1065 515639	6170	21001	46071	192669	2.00 1000	10.0	40.0	100	400
1,1,1-Trichloroethane	FB	Ave	9421 5729918	48111	197268	493931	2191684	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	4814 3195330	27413	110744	283864	1208013	1.00 500	5.00	20.0	50.0	200
2-Butanone	TBA	Ave	1103 715885	8102	25721	72312	269814	5.00 2500	25.0	100	250	1000
n-Heptane	FB	Ave	2334 1536831	15240	53957	142230	589090	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	14000 8140820	75234	279978	731613	3075032	1.00 500	5.00	20.0	50.0	200
Propionitrile	FB	Ave	1396 1038669	10637	38537	93734	403538	10.0 5000	50.0	200	500	2000
Methacrylonitrile	FB	Ave	5962 3700532	40875	135580	351388	1451777	10.0 5000	50.0	200	500	2000
Tert-amyl methyl ether	FB	Ave	9325 5050492	46706	169542	457723	1953188	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	5418 2788192	25485	100193	262184	1083173	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBA	Ave	722 299298	3517	12463	24535	108699	25.0 12500	125	500	1250	5000
2,4,4-Trimethyl-1-pentene	FB	Qua	11675 11358871	104294	344771	918310	4170971	2.00 1000	10.0	40.0	100	400
Isopropyl acetate	FB	Qua	1070 1808940	20319	74920	177608	743658	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	6740 4884223	44882	163044	428198	1842342	1.00 500	5.00	20.0	50.0	200
Methyl acrylate	FB	Ave	5555 3439538	29799	117726	274839	1278010	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	4027 2695270	21702	90723	244782	1011325	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	1376 1072217	10322	36849	99587	408127	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.: 460-62968-1 Analy Batch No.: 179700

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/05/2013 03:49 Calibration End Date: 09/05/2013 06:32 Calibration ID: 29061

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	FB	Qua	135 596088	2217	16518	47433	213802	25.0 12500	125	500	1250	5000
1,2-Dichloropropane	FB	Ave	2548 1499730	14411	50256	130596	565005	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	4498 3203645	27281	107080	279027	1217007	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Qua	1571 1076960	11888	37537	95057	431975	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1256 694466	7217	25315	68292	276567	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	Qua	126 289907	4170	12455	28612	109647	20.0 10000	100	400	1000	4000
Propyl acetate	FB	Ave	1488 952379	9813	35738	84557	376879	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	548 473735	4159	13548	38818	167015	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	CBZ	Ave	4642 2839251	22758	87347	240406	1078848	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	19185 9849276	90051	336843	879310	3740893	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	2012 1597832	14830	59288	140744	601220	20.0 10000	100	400	1000	4000
2-Nitropropane	FB	Ave	1090 614408	6451	20751	55013	230159	2.00 1000	10.0	40.0	100	400
Tetrachloroethene	CBZ	Ave	3589 3097754	27346	114290	289986	1201341	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	5426 3870956	40946	144364	375141	1477423	5.00 2500	25.0	100	250	1000
trans-1,3-Dichloropropene	CBZ	Ave	2933 2687523	19218	78452	231524	1017309	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	1345 1037626	9545	37443	95900	390279	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Lin2	1659 1621732	12143	53001	142223	605908	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	3416 2232474	17756	68520	189522	838754	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	2973 2188241	16876	76394	192401	831126	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	2286 1415774	11856	47234	122508	532843	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Qua	549 248063	2548	7835	22417	90477	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.: 460-62968-1 Analy Batch No.: 179700

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/05/2013 03:49 Calibration End Date: 09/05/2013 06:32 Calibration ID: 29061

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Hexanone	CBZ	Ave	4741 2682628	26844	102318	251116	1000910	5.00 2500	25.0	100	250	1000
Chlorobenzene	CBZ	Ave	10424 6388771	55078	209987	543869	2423507	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	5331 3638327	32843	127660	331511	1422220	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	4519 2840903	22630	89247	246826	1083021	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	7107 4505093	40372	156632	408602	1754008	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	6301 4390934	35427	147545	392122	1709545	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	2146 1354058	10633	44814	117925	519883	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	9294 6444185	50688	211623	558517	2468144	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	CBZ	Ave	1779 941002	9724	30912	83027	363430	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	16810 12610180	113086	461113	1206861	5412729	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	1746 1049324	8906	31391	87740	391355	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	Ave	2628 1585635	14910	54746	133975	597262	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	4891 2711489	24415	99346	243924	1049861	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	21802 12693161	132614	523824	1343905	6004198	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	2966 1463274	14879	57074	143963	570784	1.00 500	5.00	20.0	50.0	200
p-Ethyltoluene	DCB	Ave	19180 11578642	126213	456840	1157949	5088302	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	15950 10423591	94107	361776	934303	4023440	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1262 536839	5753	20974	51756	217749	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	15957 11074703	98923	410292	1054459	4751973	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Qua	318 415346	2135	12980	37999	158621	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	14010 8930136	81426	307468	757116	3383397	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.: 460-62968-1 Analy Batch No.: 179700

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/05/2013 03:49 Calibration End Date: 09/05/2013 06:32 Calibration ID: 29061

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	13117 10183210	77060	319897	849782	3845612	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	3769 2304935	21131	78178	204302	911833	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	16123 10958201	96136	408092	1043469	4517889	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	19516 12523778	125929	500952	1326255	6011298	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	17011 11525462	110352	451706	1197876	5409792	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	10422 5384207	54953	202499	510257	2107107	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	10355 5157660	53642	194429	480129	2018878	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	16869 9425393	96703	353356	871903	3726749	1.00 500	5.00	20.0	50.0	200
1,4-Diethylbenzene	DCB	Ave	10541 7492276	77164	278933	669516	2961866	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Qua	1709 695529	8378	27841	66675	277823	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	9479 6344091	61904	237064	584437	2583230	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	9750 5015638	49946	186511	471661	1946148	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCB	Ave	16290 10694803	106078	402594	1039164	4801914	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	971 436083	3831	16659	40155	165840	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCB	Ave	8829 4804736	51966	188060	464378	1931577	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	5138 3103779	26792	107902	279804	1264800	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	9374 3953737	43441	158555	381529	1597519	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Qua	2286 835515	12207	25732	66151	296219	5.00 2500	25.0	100	250	1000
Naphthalene	DCB	Ave	14306 6894390	70955	249341	637863	2649999	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	6721 3710453	38005	141355	347996	1476161	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	144997 179449	140352	161434	162689	168310	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.: 460-62968-1 Analy Batch No.: 179700

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/05/2013 03:49 Calibration End Date: 09/05/2013 06:32 Calibration ID: 29061

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	153776 185798	151534	175457	173339	176563	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	514671 683852	500355	582676	593144	622267	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	173470 218108	168572	193915	198437	201886	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.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182051/2 Calibration Date: 09/18/2013 17:58

Instrument ID: CVOAMS13 Calib Start Date: 08/15/2013 09:12

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/15/2013 11:42

Lab File ID: P75166.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	0.4072	0.4470		22.0	20.0	9.8	50.0
Chloromethane	Ave	0.3878	0.5955	0.1000	30.7	20.0	53.6*	50.0
Vinyl chloride	Ave	0.4914	0.5494		22.4	20.0	11.8	20.0
Butadiene	Ave	0.4427	0.5078		22.9	20.0	14.7	50.0
Bromomethane	Ave	0.1961	0.1727		17.6	20.0	-11.9	50.0
Chloroethane	Ave	0.2692	0.3241		24.1	20.0	20.4	50.0
Trichlorofluoromethane	Ave	0.4627	0.5659		24.5	20.0	22.3	50.0
Dichlorofluoromethane	Ave	0.6486	0.8226		25.4	20.0	26.8	50.0
Isopropene	Ave	0.5119	0.6175		24.1	20.0	20.6	50.0
Ethyl ether	Ave	0.3653	0.3773		20.7	20.0	3.3	50.0
Ethanol	Qua		0.0942		1110	1000	10.6	50.0
1,1-Dichloroethene	Ave	0.2656	0.2996		22.6	20.0	12.8	20.0
Carbon disulfide	Ave	1.040	1.247		24.0	20.0	19.9	50.0
Freon TF	Qua		0.3122		23.3	20.0	16.5	50.0
Iodomethane	Lin2		0.1841		10.8	20.0	-46.1	50.0
Cyclopentene	Ave	0.9558	1.184		24.8	20.0	23.9	50.0
Acrolein	Ave	1.173	0.7810		26.6	40.0	-33.4	50.0
Allyl chloride	Ave	0.1855	0.1984		21.4	20.0	7.0	50.0
Isopropanol	Ave	1.212	1.080		178	200	-10.9	50.0
Methylene Chloride	Ave	0.3418	0.3755		22.0	20.0	9.8	50.0
Acetone	Lin2		0.1456		94.1	100	-5.9	50.0
trans-1,2-Dichloroethene	Ave	0.3076	0.3535		23.0	20.0	14.9	50.0
Methyl acetate	Qua		0.3795		65.8	100	-34.2	50.0
Hexane	Qua		0.9907		23.7	20.0	18.7	50.0
MTBE	Ave	1.096	1.088		19.8	20.0	-0.8	50.0
TBA	Lin2		1.922		253	200	26.5	50.0
Acetonitrile	Ave	0.0724	0.0673		186	200	-7.1	50.0
DIPE	Ave	1.637	1.756		21.5	20.0	7.3	50.0
2-Chloro-1,3-butadiene	Ave	0.2655	0.3072		23.1	20.0	15.7	50.0
1,1-Dichloroethane	Ave	0.6795	0.8345	0.1000	24.6	20.0	22.8	50.0
Acrylonitrile	Ave	0.1750	0.1584		181	200	-9.5	50.0
Allyl alcohol	Ave	0.7109	0.8056		567	500	13.3	50.0
Tert-butyl ethyl ether	Ave	1.265	1.305		20.6	20.0	3.2	50.0
Vinyl acetate	Ave	1.004	0.8581		34.2	40.0	-14.5	50.0
cis-1,2-Dichloroethene	Ave	0.3301	0.3642		22.1	20.0	10.3	50.0
2,2-Dichloropropane	Ave	0.4493	0.5589		24.9	20.0	24.4	50.0
Cyclohexane	Qua		0.7904		24.2	20.0	20.8	50.0
Bromochloromethane	Ave	0.1555	0.1541		19.8	20.0	-0.9	50.0
Chloroform	Ave	0.5583	0.6267		22.4	20.0	12.2	20.0
Carbon tetrachloride	Ave	0.3387	0.4159		24.6	20.0	22.8	50.0
Ethyl acetate	Ave	0.5422	0.4590		33.9	40.0	-15.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182051/2 Calibration Date: 09/18/2013 17:58

Instrument ID: CVOAMS13 Calib Start Date: 08/15/2013 09:12

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/15/2013 11:42

Lab File ID: P75166.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
Tetrahydrofuran	Ave	6.225	6.280		40.4	40.0	0.9	50.0
1,1,1-Trichloroethane	Ave	0.4412	0.5248		23.8	20.0	18.9	50.0
1,1-Dichloropropene	Ave	0.4382	0.5470		25.0	20.0	24.8	50.0
2-Butanone	Ave	7.126	6.824		95.8	100	-4.2	50.0
n-Heptane	Qua		0.3036		22.2	20.0	11.1	50.0
Benzene	Ave	1.968	2.113		21.5	20.0	7.4	50.0
Propionitrile	Ave	1.983	1.956		197	200	-1.3	50.0
Methacrylonitrile	Ave	0.1764	0.1492		169	200	-15.4	50.0
Tert-amyl methyl ether	Ave	1.039	1.006		19.4	20.0	-3.2	50.0
1,2-Dichloroethane	Ave	0.4794	0.5381		22.4	20.0	12.2	50.0
Isobutyl alcohol	Ave	0.4217	0.6506		771	500	54.3*	50.0
2,4,4-Trimethyl-1-pentene	Qua		1.202		46.5	40.0	16.2	50.0
Isopropyl acetate	Ave	0.9762	0.8466		17.3	20.0	-13.3	50.0
Methylcyclohexane	Qua		0.6173		23.0	20.0	15.1	50.0
Trichloroethene	Ave	0.3253	0.3542		21.8	20.0	8.9	50.0
n-Butanol	Ave	0.4144	0.3654		441	500	-11.8	50.0
Dibromomethane	Ave	0.2012	0.1901		18.9	20.0	-5.5	50.0
1,2-Dichloropropane	Ave	0.4094	0.4311		21.1	20.0	5.3	20.0
Ethyl acrylate	Ave	0.6077	0.4882		16.1	20.0	-19.7	50.0
Bromodichloromethane	Ave	0.4430	0.4707		21.3	20.0	6.3	50.0
Methyl methacrylate	Ave	0.1027	0.0828		32.3	40.0	-19.4	50.0
1,4-Dioxane	Ave	1.592	1.463		368	400	-8.1	50.0
Propyl acetate	Ave	0.7728	0.6192		16.0	20.0	-19.9	50.0
2-Chloroethyl vinyl ether	Ave	0.2935	0.2408		16.4	20.0	-18.0	50.0
cis-1,3-Dichloropropene	Ave	0.7884	0.8529		21.6	20.0	8.2	50.0
Toluene	Ave	1.947	2.115		21.7	20.0	8.7	20.0
Epichlorohydrin	Ave	0.0674	0.0542		321	400	-19.6	50.0
2-Nitropropane	Ave	0.1164	0.0943		32.4	40.0	-19.0	50.0
Tetrachloroethene	Ave	0.4047	0.4240		21.0	20.0	4.8	50.0
4-Methyl-2-pentanone	Ave	0.7569	0.5939		78.5	100	-21.5	50.0
trans-1,3-Dichloropropene	Ave	0.7605	0.8024		21.1	20.0	5.5	50.0
1,1,2-Trichloroethane	Ave	0.3782	0.3487		18.4	20.0	-7.8	50.0
Ethyl methacrylate	Ave	0.5017	0.4486		17.9	20.0	-10.6	50.0
Dibromochloromethane	Ave	0.4212	0.3998		19.0	20.0	-5.1	50.0
1,3-Dichloropropane	Ave	0.8260	0.7687		18.6	20.0	-6.9	50.0
1,2-Dibromoethane	Ave	0.4130	0.3805		18.4	20.0	-7.9	50.0
Butyl acetate	Ave	1.106	0.8942		16.2	20.0	-19.2	50.0
2-Hexanone	Ave	0.5524	0.4137		74.9	100	-25.1	50.0
Chlorobenzene	Ave	1.205	1.250	0.3000	20.7	20.0	3.7	50.0
Ethylbenzene	Ave	0.6362	0.7040		22.1	20.0	10.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3993	0.3836		19.2	20.0	-3.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182051/2 Calibration Date: 09/18/2013 17:58

Instrument ID: CVOAMS13 Calib Start Date: 08/15/2013 09:12

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/15/2013 11:42

Lab File ID: P75166.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	0.7715	0.8343		21.6	20.0	8.1	50.0
o-Xylene	Ave	0.7454	0.7910		21.2	20.0	6.1	50.0
Bromoform	Ave	0.2838	0.2353	0.1000	16.6	20.0	-17.1	50.0
Styrene	Ave	1.309	1.364		20.8	20.0	4.2	50.0
Butyl acrylate	Lin2		0.3365		16.4	20.0	-17.9	50.0
Isopropylbenzene	Ave	1.982	2.198		22.2	20.0	10.9	50.0
Camphene, Total	Qua		0.2524		21.5	20.0	7.4	50.0
Amly acetate	Ave	2.358	1.948		16.5	20.0	-17.4	50.0
Monobromobenzene	Ave	0.9248	0.8943		19.3	20.0	-3.3	50.0
N-Propylbenzene	Ave	4.766	5.028		21.1	20.0	5.5	50.0
1,1,2,2-Tetrachloroethane	Ave	1.171	1.008	0.3000	17.2	20.0	-13.9	50.0
2-Chlorotoluene	Ave	3.281	3.417		20.8	20.0	4.1	50.0
p-Ethyltoluene	Ave	3.871	4.162		21.5	20.0	7.5	50.0
1,2,3-Trichloropropane	Ave	0.3224	0.2749		17.1	20.0	-14.7	50.0
1,3,5-Trimethylbenzene	Ave	3.191	3.503		22.0	20.0	9.8	50.0
trans-1,4-Dichloro-2-butene	Ave	0.4388	0.3722		17.0	20.0	-15.2	50.0
4-Chlorotoluene	Ave	3.096	3.267		21.1	20.0	5.5	50.0
tert-Butylbenzene	Ave	2.619	2.769		21.1	20.0	5.7	50.0
Butyl Methacrylate	Qua		1.089		17.3	20.0	-13.3	50.0
1,2,4-Trimethylbenzene	Ave	3.368	3.649		21.7	20.0	8.3	50.0
sec-Butylbenzene	Ave	4.005	4.391		21.9	20.0	9.7	50.0
1,3-Dichlorobenzene	Ave	1.836	1.812		19.7	20.0	-1.3	50.0
p-Isopropyltoluene	Qua		3.556		20.5	20.0	2.3	50.0
1,4-Dichlorobenzene	Ave	1.905	1.923		20.2	20.0	0.9	50.0
Indan	Ave	3.492	3.460		19.8	20.0	-0.9	50.0
Benzyl chloride	Ave	2.895	2.781		19.2	20.0	-4.0	50.0
1,4-Diethylbenzene	Ave	2.093	2.213		21.2	20.0	5.8	50.0
n-Butylbenzene	Ave	3.479	3.776		21.7	20.0	8.5	50.0
1,2-Dichlorobenzene	Ave	1.817	1.754		19.3	20.0	-3.5	50.0
1,2,4,5-Tetramethylbenzene	Qua		3.117		18.4	20.0	-8.0	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2433	0.2086		17.2	20.0	-14.2	50.0
1,3,5-Trichlorobenzene	Ave	1.473	1.273		17.3	20.0	-13.6	50.0
1,2,4-Trichlorobenzene	Ave	1.364	1.121		16.4	20.0	-17.8	50.0
Hexachlorobutadiene	Ave	0.4976	0.4783		19.2	20.0	-3.9	50.0
Camphor	Ave	0.1400	0.0901		64.3	100	-35.7	50.0
Naphthalene	Ave	3.570	2.566		14.4	20.0	-28.1	50.0
1,2,3-Trichlorobenzene	Ave	1.195	1.006		16.8	20.0	-15.9	50.0
Dibromofluoromethane (Surr)	Ave	0.1885	0.1985		52.7	50.0	5.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2692	0.2853		53.0	50.0	6.0	50.0
Toluene-d8 (Surr)	Ave	1.140	1.208		53.0	50.0	6.0	50.0
Bromofluorobenzene	Ave	0.3580	0.3655		51.0	50.0	2.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182063/2 Calibration Date: 09/18/2013 22:32

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: B60638.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		0.0835		22.4	20.0	11.8	50.0
Dichlorodifluoromethane	Ave	0.4268	0.4160		19.5	20.0	-2.5	50.0
Chloromethane	Ave	0.5180	0.4534	0.1000	17.5	20.0	-12.5	50.0
Vinyl chloride	Lin2		0.2900		17.2	20.0	-14.2	20.0
Butadiene	Lin2		0.2002		17.9	20.0	-10.5	50.0
Bromomethane	Lin2		0.1863		17.6	20.0	-12.0	50.0
Chloroethane	Qua		0.1228		21.1	20.0	5.4	50.0
Trichlorofluoromethane	Ave	0.3472	0.3645		21.0	20.0	5.0	50.0
Dichlorofluoromethane	Ave	0.4465	0.4303		19.3	20.0	-3.6	50.0
Ethanol	Ave	0.0684	0.0712		1040	1000	4.1	50.0
Ethyl ether	Lin2		0.1871		21.1	20.0	5.5	50.0
1,2-Dichlorotrifluoroethane	Qua		0.4727		20.9	20.0	4.3	50.0
Isopropene	Qua		0.4727		21.1	20.0	5.7	50.0
Acrolein	Lin2		0.6015		30.1	40.0	-24.7	50.0
Freon TF	Qua		0.1085		15.4	20.0	-23.0	50.0
1,1-Dichloroethene	Ave	0.1658	0.1401		16.9	20.0	-15.5	20.0
Acetone	Ave	0.1435	0.1251		87.1	100	-12.9	50.0
Iodomethane	Ave	0.4166	0.3958		19.0	20.0	-5.0	50.0
Carbon disulfide	Ave	0.6553	0.6030		18.4	20.0	-8.0	50.0
Isopropanol	Ave	0.7754	0.7924		204	200	2.2	50.0
Allyl chloride	Qua		0.2469		19.5	20.0	-2.3	50.0
Cyclopentene	Ave	0.5241	0.4909		18.7	20.0	-6.3	50.0
Methyl acetate	Ave	0.3053	0.2837		92.9	100	-7.1	50.0
Acetonitrile	Qua		0.0603		211	200	5.5	50.0
Methylene Chloride	Ave	0.2514	0.2604		20.7	20.0	3.5	50.0
TBA	Lin2		1.412		210	200	4.9	50.0
MTBE	Ave	0.4679	0.4384		18.7	20.0	-6.3	50.0
trans-1,2-Dichloroethene	Ave	0.2120	0.2136		20.2	20.0	0.8	50.0
Acrylonitrile	Ave	0.1309	0.1231		188	200	-6.0	50.0
Hexane	Ave	0.1832	0.1993		21.8	20.0	8.8	50.0
1,1-Dichloroethane	Ave	0.5065	0.5023	0.1000	19.8	20.0	-0.8	50.0
DIPE	Ave	0.8407	0.8601		20.5	20.0	2.3	50.0
Vinyl acetate	Ave	0.8146	0.8750		43.0	40.0	7.4	50.0
2-Chloro-1,3-butadiene	Ave	0.2030	0.1996		19.7	20.0	-1.7	50.0
Allyl alcohol	Qua		0.1931		602	500	20.5	50.0
Tert-butyl ethyl ether	Ave	0.4938	0.5092		20.6	20.0	3.1	50.0
2,2-Dichloropropane	Ave	0.2736	0.2565		18.7	20.0	-6.3	50.0
cis-1,2-Dichloroethene	Ave	0.2727	0.2718		19.9	20.0	-0.3	50.0
2-Butanone	Ave	1.362	1.289		94.7	100	-5.3	50.0
Ethyl acetate	Ave	0.0287	0.0270		37.5	40.0	-6.2	50.0
Methyl acrylate	Ave	0.3198	0.2850		17.8	20.0	-10.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182063/2 Calibration Date: 09/18/2013 22:32

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: B60638.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	1.812		194	200	-3.2	50.0
Tetrahydrofuran	Lin2		5.740		39.5	40.0	-1.2	50.0
Bromochloromethane	Ave	0.1594	0.1560		19.6	20.0	-2.2	50.0
Methacrylonitrile	Ave	0.1313	0.1259		192	200	-4.1	50.0
Chloroform	Ave	0.5398	0.5474		20.3	20.0	1.4	20.0
Cyclohexane	Ave	0.2717	0.2668		19.6	20.0	-1.8	50.0
1,1,1-Trichloroethane	Ave	0.3544	0.3334		18.8	20.0	-5.9	50.0
Carbon tetrachloride	Ave	0.3316	0.3337		20.1	20.0	0.6	50.0
1,1-Dichloropropene	Ave	0.3796	0.3757		19.8	20.0	-1.0	50.0
Benzene	Ave	1.237	1.222		19.8	20.0	-1.2	50.0
Isobutyl alcohol	Ave	0.6289	0.5669		451	500	-9.9	50.0
Tert-amyl methyl ether	Ave	0.5113	0.5436		21.3	20.0	6.3	50.0
1,2-Dichloroethane	Ave	0.5635	0.5359		19.0	20.0	-4.9	50.0
Isopropyl acetate	Ave	0.9836	0.9276		18.9	20.0	-5.7	50.0
n-Heptane	Qua		0.1192		22.6	20.0	12.8	50.0
2,4,4-Trimethyl-1-pentene	Lin2		0.1723		47.5	40.0	18.7	50.0
Trichloroethene	Ave	0.3213	0.2953		18.4	20.0	-8.1	50.0
n-Butanol	Ave	0.3641	0.2880		395	500	-20.9	50.0
Methylcyclohexane	Ave	0.2189	0.2476		22.6	20.0	13.1	50.0
Ethyl acrylate	Ave	0.4787	0.4256		17.8	20.0	-11.1	50.0
1,2-Dichloropropane	Ave	0.3279	0.3078		18.8	20.0	-6.1	20.0
Dibromomethane	Ave	0.2414	0.2241		18.6	20.0	-7.2	50.0
Methyl methacrylate	Ave	0.0796	0.0705		35.4	40.0	-11.4	50.0
1,4-Dioxane	Ave	1.233	1.224		397	400	-0.8	50.0
Propyl acetate	Ave	0.6002	0.5247		17.5	20.0	-12.6	50.0
Bromodichloromethane	Ave	0.4476	0.4135		18.5	20.0	-7.6	50.0
2-Nitropropane	Qua		0.0883		33.8	40.0	-15.4	50.0
2-Chloroethyl vinyl ether	Ave	0.2204	0.1999		18.1	20.0	-9.3	50.0
Epichlorohydrin	Ave	0.0465	0.0430		369	400	-7.6	50.0
cis-1,3-Dichloropropene	Ave	0.5697	0.5601		19.7	20.0	-1.7	50.0
4-Methyl-2-pentanone	Ave	0.5311	0.4928		92.8	100	-7.2	50.0
Toluene	Ave	1.387	1.330		19.2	20.0	-4.1	20.0
trans-1,3-Dichloropropene	Qua		0.4869		18.9	20.0	-5.3	50.0
Ethyl methacrylate	Ave	0.4934	0.4578		18.6	20.0	-7.2	50.0
1,1,2-Trichloroethane	Ave	0.3087	0.2963		19.2	20.0	-4.0	50.0
Tetrachloroethene	Ave	0.3673	0.3588		19.5	20.0	-2.3	50.0
1,3-Dichloropropane	Ave	0.6105	0.5943		19.5	20.0	-2.7	50.0
2-Hexanone	Lin2		0.3446		87.4	100	-12.6	50.0
Butyl acetate	Ave	0.0869	0.0796		18.3	20.0	-8.4	50.0
Dibromochloromethane	Ave	0.3985	0.3802		19.1	20.0	-4.6	50.0
1,2-Dibromoethane	Ave	0.3877	0.3646		18.8	20.0	-5.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182063/2 Calibration Date: 09/18/2013 22:32

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: B60638.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	0.9485	0.3000	19.4	20.0	-2.8	50.0
Ethylbenzene	Ave	0.4739	0.4594		19.4	20.0	-3.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3581	0.3455		19.3	20.0	-3.5	50.0
m&p-Xylene	Ave	0.5800	0.5725		19.7	20.0	-1.3	50.0
Butyl acrylate	Qua		0.2739		17.9	20.0	-10.4	50.0
o-Xylene	Ave	0.5699	0.5788		20.3	20.0	1.5	50.0
Styrene	Ave	0.999	1.012		20.3	20.0	1.4	50.0
Amly acetate	Qua		1.469		18.1	20.0	-9.4	50.0
Bromoform	Qua		0.2688	0.1000	18.5	20.0	-7.3	50.0
Isopropylbenzene	Ave	1.475	1.537		20.8	20.0	4.2	50.0
Camphene, Total	Qua		0.1397		21.9	20.0	9.5	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2972	0.1011		6.81	20.0	-66.0*	50.0
Monobromobenzene	Ave	0.8009	0.7773		19.4	20.0	-2.9	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8939	0.8649	0.3000	19.4	20.0	-3.2	50.0
N-Propylbenzene	Ave	3.089	3.171		20.5	20.0	2.7	50.0
1,2,3-Trichloropropane	Ave	0.2690	0.2530		18.8	20.0	-5.9	50.0
2-Chlorotoluene	Ave	2.308	2.274		19.7	20.0	-1.5	50.0
p-Ethyltoluene	Ave	2.555	2.539		19.9	20.0	-0.6	50.0
1,3,5-Trimethylbenzene	Ave	2.157	2.241		20.8	20.0	3.9	50.0
4-Chlorotoluene	Ave	2.188	2.133		19.5	20.0	-2.5	50.0
Butyl Methacrylate	Qua		0.7761		18.8	20.0	-6.0	50.0
tert-Butylbenzene	Ave	1.708	1.759		20.6	20.0	3.0	50.0
1,2,4-Trimethylbenzene	Ave	2.312	2.345		20.3	20.0	1.4	50.0
sec-Butylbenzene	Ave	2.313	2.482		21.5	20.0	7.3	50.0
1,3-Dichlorobenzene	Ave	1.349	1.361		20.2	20.0	1.0	50.0
p-Isopropyltoluene	Ave	2.010	2.153		21.4	20.0	7.1	50.0
1,4-Dichlorobenzene	Ave	1.455	1.395		19.2	20.0	-4.1	50.0
Benzyl chloride	Qua		1.158		18.4	20.0	-7.9	50.0
Indan	Ave	2.404	2.369		19.7	20.0	-1.4	50.0
p-Diethylbenzene	Ave	1.214	1.241		20.5	20.0	2.3	50.0
n-Butylbenzene	Ave	2.255	2.399		21.3	20.0	6.4	50.0
1,2-Dichlorobenzene	Ave	1.403	1.384		19.7	20.0	-1.4	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.956	1.941		19.8	20.0	-0.8	50.0
1,2-Dibromo-3-Chloropropane	Qua		0.1237		17.2	20.0	-13.9	50.0
Camphor	Qua		0.0626		81.2	100	-18.8	50.0
1,2,4-Trichlorobenzene	Ave	0.7416	0.6768		18.3	20.0	-8.7	50.0
Hexachlorobutadiene	Qua		0.2974		20.7	20.0	3.3	50.0
Naphthalene	Ave	1.677	1.450		17.3	20.0	-13.5	50.0
1,2,3-Trichlorobenzene	Ave	0.5290	0.4460		16.9	20.0	-15.7	50.0
Dibromofluoromethane (Surr)	Ave	0.3123	0.2983		47.8	50.0	-4.5	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4635	0.4361		47.0	50.0	-5.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182063/2 Calibration Date: 09/18/2013 22:32

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: B60638.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	1.168		46.8	50.0	-6.5	50.0
Bromofluorobenzene	Ave	0.4917	0.4428		45.0	50.0	-9.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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
p-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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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
p-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.: 460-62968-1

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.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-181887/2 Calibration Date: 09/18/2013 01:48

Instrument ID: CVOAMS4 Calib Start Date: 09/05/2013 03:49

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/05/2013 06:32

Lab File ID: D363059.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	0.8742	0.9429		21.6	20.0	7.9	50.0
Chloromethane	Ave	0.4132	0.3752	0.1000	18.2	20.0	-9.2	50.0
Butadiene	Ave	0.3498	0.4027		23.0	20.0	15.1	50.0
Vinyl chloride	Ave	0.4585	0.4831		21.1	20.0	5.4	20.0
Bromomethane	Ave	0.3503	0.4088		23.3	20.0	16.7	50.0
Chloroethane	Ave	0.2497	0.2795		22.4	20.0	11.9	50.0
Trichlorofluoromethane	Ave	1.079	1.274		23.6	20.0	18.0	50.0
Dichlorofluoromethane	Ave	0.8427	0.9780		23.2	20.0	16.1	50.0
Isopropene	Ave	0.5196	0.5684		21.9	20.0	9.4	50.0
Ethanol	Qua		0.0998		881	1000	-11.9	50.0
Ethyl ether	Ave	0.1704	0.1942		22.8	20.0	14.0	50.0
1,1-Dichloroethene	Ave	0.3674	0.4243		23.1	20.0	15.5	20.0
Carbon disulfide	Ave	1.201	1.365		22.7	20.0	13.6	50.0
Freon TF	Ave	0.5205	0.6082		23.4	20.0	16.8	50.0
Iodomethane	Ave	0.7155	0.8591		24.0	20.0	20.1	50.0
Cyclopentene	Ave	0.9396	1.042		22.2	20.0	10.9	50.0
Acrolein	Ave	0.0103	0.0042		123	300	-59.1*	50.0
Allyl chloride	Ave	0.1964	0.2083		21.2	20.0	6.1	50.0
Isopropanol	Ave	0.5761	0.5638		196	200	-2.1	50.0
Methylene Chloride	Ave	0.3626	0.3882		21.4	20.0	7.0	50.0
Acetone	Qua		0.0647		109	100	8.6	50.0
trans-1,2-Dichloroethene	Ave	0.4405	0.4526		20.6	20.0	2.8	50.0
Methyl acetate	Qua		0.1883		112	100	12.4	50.0
Hexane	Ave	0.5720	0.5709		20.0	20.0	-0.2	50.0
MTBE	Ave	0.9071	0.9727		21.4	20.0	7.2	50.0
TBA	Lin2		1.374		176	200	-12.0	50.0
Acetonitrile	Qua		0.0074		120	200	-39.8	50.0
DIPE	Ave	0.6835	0.6877		20.1	20.0	0.6	50.0
2-Chloro-1,3-butadiene	Ave	0.3507	0.3678		21.0	20.0	4.9	50.0
1,1-Dichloroethane	Ave	0.5909	0.6412	0.1000	21.7	20.0	8.5	50.0
Acrylonitrile	Ave	0.0452	0.0451		200	200	-0.2	50.0
Allyl alcohol	Qua		0.4939		433	500	-13.4	50.0
Vinyl acetate	Ave	0.2806	0.2895		41.3	40.0	3.2	50.0
Tert-butyl ethyl ether	Ave	0.9248	0.9055	0.0100	19.6	20.0	-2.1	50.0
cis-1,2-Dichloroethene	Ave	0.3983	0.4102		20.6	20.0	3.0	50.0
2,2-Dichloropropane	Ave	0.8060	0.8716		21.6	20.0	8.2	50.0
Bromochloromethane	Qua		0.1948		21.0	20.0	5.1	50.0
Cyclohexane	Ave	0.5800	0.5726		19.7	20.0	-1.3	50.0
Chloroform	Ave	0.7550	0.8005		21.2	20.0	6.0	20.0
Carbon tetrachloride	Ave	0.9574	1.078		22.5	20.0	12.6	50.0
Ethyl acetate	Qua		0.0227		40.7	40.0	1.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-181887/2 Calibration Date: 09/18/2013 01:48

Instrument ID: CVOAMS4 Calib Start Date: 09/05/2013 03:49

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/05/2013 06:32

Lab File ID: D363059.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	Qua		0.0441		38.5	40.0	-3.8	50.0
1,1,1-Trichloroethane	Ave	0.9383	1.030		22.0	20.0	9.8	50.0
1,1-Dichloropropene	Ave	0.5201	0.5616		21.6	20.0	8.0	50.0
2-Butanone	Ave	1.448	1.356		93.7	100	-6.3	50.0
Benzene	Ave	1.706	1.588		18.6	20.0	-6.9	50.0
n-Heptane	Ave	0.2604	0.2639		20.3	20.0	1.3	50.0
Propionitrile	Ave	0.0175	0.0186		212	200	6.2	50.0
Methacrylonitrile	Ave	0.0657	0.0656		200	200	-0.0	50.0
Tert-amyl methyl ether	Ave	0.8636	0.8558		19.8	20.0	-0.9	50.0
1,2-Dichloroethane	Ave	0.4887	0.5082		20.8	20.0	4.0	50.0
Isobutyl alcohol	Ave	0.1294	0.0868		335	500	-32.9	50.0
2,4,4-Trimethyl-1-pentene	Qua		0.8343		38.8	40.0	-2.9	50.0
Isopropyl acetate	Qua		0.3339		19.6	20.0	-2.1	50.0
Methylcyclohexane	Ave	0.7880	0.8144		20.7	20.0	3.3	50.0
Methyl acrylate	Ave	0.5549	0.5522		19.9	20.0	-0.5	50.0
Trichloroethene	Ave	0.4322	0.4635		21.4	20.0	7.2	50.0
Dibromomethane	Ave	0.1757	0.1865		21.2	20.0	6.1	50.0
n-Butanol	Qua		0.0034		510	500	2.1	50.0
1,2-Dichloropropane	Ave	0.2519	0.2577		20.5	20.0	2.3	20.0
Bromodichloromethane	Ave	0.5109	0.5253		20.6	20.0	2.8	50.0
Ethyl acrylate	Qua		0.1556		17.0	20.0	-15.0	50.0
Methyl methacrylate	Ave	0.0624	0.0641		41.1	40.0	2.7	50.0
1,4-Dioxane	Qua		1.277		306	400	-23.5	50.0
Propyl acetate	Ave	0.1649	0.1444		17.5	20.0	-12.4	50.0
2-Chloroethyl vinyl ether	Ave	0.0705	0.0615		17.4	20.0	-12.8	50.0
cis-1,3-Dichloropropene	Ave	0.5596	0.4921		17.6	20.0	-12.1	50.0
Toluene	Ave	2.104	1.895		18.0	20.0	-9.9	20.0
Epichlorohydrin	Ave	0.0161	0.0141		350	400	-12.4	50.0
Tetrachloroethene	Ave	0.6224	0.6519		20.9	20.0	4.7	50.0
4-Methyl-2-pentanone	Ave	0.1661	0.1418		85.4	100	-14.6	50.0
trans-1,3-Dichloropropene	Ave	0.4863	0.4543		18.7	20.0	-6.6	50.0
1,1,2-Trichloroethane	Ave	0.2107	0.1960		18.6	20.0	-7.0	50.0
Ethyl methacrylate	Lin2		0.2357		18.4	20.0	-8.1	50.0
Dibromochloromethane	Ave	0.4337	0.4155		19.2	20.0	-4.2	50.0
1,3-Dichloropropane	Ave	0.4277	0.4015		18.8	20.0	-6.1	50.0
1,2-Dibromoethane	Ave	0.2848	0.2379		16.7	20.0	-16.5	50.0
Butyl acetate	Qua		0.0455		17.8	20.0	-11.2	50.0
2-Hexanone	Ave	0.1172	0.0961		82.0	100	-18.0	50.0
Chlorobenzene	Ave	1.289	1.177	0.3000	18.3	20.0	-8.7	50.0
Ethylbenzene	Ave	0.7482	0.7741		20.7	20.0	3.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5612	0.5413		19.3	20.0	-3.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-181887/2 Calibration Date: 09/18/2013 01:48

Instrument ID: CVOAMS4 Calib Start Date: 09/05/2013 03:49

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/05/2013 06:32

Lab File ID: D363059.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	0.9329	0.9041		19.4	20.0	-3.1	50.0
o-Xylene	Ave	0.8720	0.8375		19.2	20.0	-4.0	50.0
Bromoform	Ave	0.2694	0.2670	0.1000	19.8	20.0	-0.9	50.0
Styrene	Ave	1.260	1.197		19.0	20.0	-5.0	50.0
Butyl acrylate	Ave	0.2035	0.1557		15.3	20.0	-23.5	50.0
Isopropylbenzene	Ave	2.639	2.742		20.8	20.0	3.9	50.0
Camphene, Total	Ave	0.2076	0.1973		19.0	20.0	-4.9	50.0
Amly acetate	Ave	0.5779	0.4703		16.3	20.0	-18.6	50.0
Monobromobenzene	Ave	1.019	0.9563		18.8	20.0	-6.2	50.0
N-Propylbenzene	Ave	5.270	5.021		19.1	20.0	-4.7	50.0
1,1,2,2-Tetrachloroethane	Ave	0.5890	0.5257	0.3000	17.9	20.0	-10.7	50.0
p-Ethyltoluene	Ave	4.677	4.554		19.5	20.0	-2.6	50.0
2-Chlorotoluene	Ave	3.776	3.535		18.7	20.0	-6.4	50.0
1,2,3-Trichloropropane	Ave	0.2253	0.2092		18.6	20.0	-7.2	50.0
1,3,5-Trimethylbenzene	Ave	4.129	3.839		18.6	20.0	-7.0	50.0
trans-1,4-Dichloro-2-butene	Qua		0.1356		19.2	20.0	-3.9	50.0
4-Chlorotoluene	Ave	3.211	2.879		17.9	20.0	-10.3	50.0
tert-Butylbenzene	Ave	3.378	3.097		18.3	20.0	-8.3	50.0
Butyl Methacrylate	Ave	0.8451	0.7379		17.5	20.0	-12.7	50.0
1,2,4-Trimethylbenzene	Ave	4.059	3.880		19.1	20.0	-4.4	50.0
sec-Butylbenzene	Ave	5.078	4.903		19.3	20.0	-3.4	50.0
p-Isopropyltoluene	Ave	4.548	4.432		19.5	20.0	-2.5	50.0
1,3-Dichlorobenzene	Ave	2.126	2.000		18.8	20.0	-5.9	50.0
1,4-Dichlorobenzene	Ave	2.053	1.879		18.3	20.0	-8.5	50.0
Indan	Ave	1.676	1.729		20.6	20.0	3.1	50.0
1,4-Diethylbenzene	Ave	2.792	2.616		18.7	20.0	-6.3	50.0
Benzyl chloride	Qua		0.2623		18.7	20.0	-6.4	50.0
n-Butylbenzene	Ave	2.384	2.244		18.8	20.0	-5.9	50.0
1,2-Dichlorobenzene	Ave	1.964	1.822		18.5	20.0	-7.3	50.0
1,2,4,5-Tetramethylbenzene	Ave	4.155	3.703		17.8	20.0	-10.9	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1713	0.1436		16.8	20.0	-16.1	50.0
Hexachlorobutadiene	Ave	1.142	1.067		18.7	20.0	-6.6	50.0
1,2,4-Trichlorobenzene	Ave	1.676	1.535		18.3	20.0	-8.4	50.0
Camphor	Qua		0.0424		72.9	100	-27.1	50.0
Naphthalene	Ave	2.727	2.207		16.2	20.0	-19.1	50.0
1,2,3-Trichlorobenzene	Ave	1.454	1.382		19.0	20.0	-4.9	50.0
Dibromofluoromethane (Surr)	Ave	0.2932	0.3377		57.6	50.0	15.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3117	0.3557		57.1	50.0	14.1	50.0
Toluene-d8 (Surr)	Ave	1.327	1.366		51.5	50.0	2.9	50.0
Bromofluorobenzene	Ave	0.7740	0.7857		50.8	50.0	1.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182028/2 Calibration Date: 09/18/2013 13:12

Instrument ID: CVOAMS4 Calib Start Date: 09/05/2013 03:49

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/05/2013 06:32

Lab File ID: D363087.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	0.8742	0.8335		19.1	20.0	-4.6	50.0
Chloromethane	Ave	0.4132	0.4088	0.1000	19.8	20.0	-1.1	50.0
Butadiene	Ave	0.3498	0.3612		20.7	20.0	3.3	50.0
Vinyl chloride	Ave	0.4585	0.4727		20.6	20.0	3.1	20.0
Bromomethane	Ave	0.3503	0.4285		24.5	20.0	22.3	50.0
Chloroethane	Ave	0.2497	0.2936		23.5	20.0	17.6	50.0
Trichlorofluoromethane	Ave	1.079	1.221		22.6	20.0	13.1	50.0
Dichlorofluoromethane	Ave	0.8427	1.054		25.0	20.0	25.1	50.0
Isopropene	Ave	0.5196	0.5107		19.7	20.0	-1.7	50.0
Ethanol	Qua		0.1139		1020	1000	2.2	50.0
Ethyl ether	Ave	0.1704	0.2003		23.5	20.0	17.6	50.0
1,1-Dichloroethene	Ave	0.3674	0.4177		22.7	20.0	13.7	20.0
Carbon disulfide	Ave	1.201	1.361		22.7	20.0	13.3	50.0
Freon TF	Ave	0.5205	0.5489		21.1	20.0	5.5	50.0
Iodomethane	Ave	0.7155	0.8942		25.0	20.0	25.0	50.0
Cyclopentene	Ave	0.9396	0.9608		20.5	20.0	2.3	50.0
Acrolein	Ave	0.0103	0.0044		128	300	-57.4*	50.0
Allyl chloride	Ave	0.1964	0.2026		20.6	20.0	3.1	50.0
Isopropanol	Ave	0.5761	0.5461		190	200	-5.2	50.0
Methylene Chloride	Ave	0.3626	0.3751		20.7	20.0	3.4	50.0
Acetone	Qua		0.0671		113	100	13.3	50.0
trans-1,2-Dichloroethene	Ave	0.4405	0.4114		18.7	20.0	-6.6	50.0
Methyl acetate	Qua		0.1825		109	100	8.8	50.0
Hexane	Ave	0.5720	0.5453		19.1	20.0	-4.7	50.0
MTBE	Ave	0.9071	0.9726		21.4	20.0	7.2	50.0
TBA	Lin2		1.484		192	200	-4.2	50.0
Acetonitrile	Qua		0.0135		225	200	12.6	50.0
DIPE	Ave	0.6835	0.6441		18.8	20.0	-5.8	50.0
2-Chloro-1,3-butadiene	Ave	0.3507	0.3163		18.0	20.0	-9.8	50.0
1,1-Dichloroethane	Ave	0.5909	0.5859	0.1000	19.8	20.0	-0.9	50.0
Acrylonitrile	Ave	0.0452	0.0483		214	200	6.8	50.0
Tert-butyl ethyl ether	Ave	0.9248	0.9150	0.0100	19.8	20.0	-1.1	50.0
Allyl alcohol	Qua		0.4916		431	500	-13.7	50.0
Vinyl acetate	Ave	0.2806	0.2865		40.8	40.0	2.1	50.0
cis-1,2-Dichloroethene	Ave	0.3983	0.4260		21.4	20.0	6.9	50.0
2,2-Dichloropropane	Ave	0.8060	0.8313		20.6	20.0	3.1	50.0
Bromochloromethane	Qua		0.2016		21.8	20.0	8.9	50.0
Cyclohexane	Ave	0.5800	0.5181		17.9	20.0	-10.7	50.0
Chloroform	Ave	0.7550	0.7761		20.6	20.0	2.8	20.0
Carbon tetrachloride	Ave	0.9574	0.9097		19.0	20.0	-5.0	50.0
Ethyl acetate	Qua		0.0243		43.6	40.0	9.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182028/2 Calibration Date: 09/18/2013 13:12

Instrument ID: CVOAMS4 Calib Start Date: 09/05/2013 03:49

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/05/2013 06:32

Lab File ID: D363087.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	Qua		0.0488		43.0	40.0	7.4	50.0
1,1,1-Trichloroethane	Ave	0.9383	0.9200		19.6	20.0	-2.0	50.0
1,1-Dichloropropene	Ave	0.5201	0.5501		21.2	20.0	5.8	50.0
2-Butanone	Ave	1.448	1.517		105	100	4.8	50.0
Benzene	Ave	1.706	1.580		18.5	20.0	-7.3	50.0
n-Heptane	Ave	0.2604	0.2357		18.1	20.0	-9.5	50.0
Propionitrile	Ave	0.0175	0.0183		208	200	4.2	50.0
Methacrylonitrile	Ave	0.0657	0.0701		213	200	6.7	50.0
Tert-amyl methyl ether	Ave	0.8636	0.8909		20.6	20.0	3.2	50.0
1,2-Dichloroethane	Ave	0.4887	0.4986		20.4	20.0	2.0	50.0
Isobutyl alcohol	Ave	0.1294	0.1147		443	500	-11.4	50.0
2,4,4-Trimethyl-1-pentene	Qua		0.7326		34.3	40.0	-14.2	50.0
Isopropyl acetate	Qua		0.3014		17.6	20.0	-11.8	50.0
Methyl acrylate	Ave	0.5549	0.4904		17.7	20.0	-11.6	50.0
Methylcyclohexane	Ave	0.7880	0.6933		17.6	20.0	-12.0	50.0
Trichloroethene	Ave	0.4322	0.4269		19.8	20.0	-1.2	50.0
Dibromomethane	Ave	0.1757	0.1913		21.8	20.0	8.9	50.0
n-Butanol	Qua		0.0035		535	500	7.1	50.0
1,2-Dichloropropane	Ave	0.2519	0.2577		20.5	20.0	2.3	20.0
Bromodichloromethane	Ave	0.5109	0.5577		21.8	20.0	9.2	50.0
Ethyl acrylate	Qua		0.1702		18.5	20.0	-7.5	50.0
Methyl methacrylate	Ave	0.0624	0.0685		43.9	40.0	9.7	50.0
1,4-Dioxane	Qua		1.854		453	400	13.3	50.0
Propyl acetate	Ave	0.1649	0.1701		20.6	20.0	3.1	50.0
2-Chloroethyl vinyl ether	Ave	0.0705	0.0747		21.2	20.0	5.9	50.0
cis-1,3-Dichloropropene	Ave	0.5596	0.4784		17.1	20.0	-14.5	50.0
Toluene	Ave	2.104	1.895		18.0	20.0	-9.9	20.0
Epichlorohydrin	Ave	0.0161	0.0153		378	400	-5.5	50.0
2-Nitropropane	Ave	0.0532	0.0513		38.6	40.0	-3.4	50.0
Tetrachloroethene	Ave	0.6224	0.5857		18.8	20.0	-5.9	50.0
4-Methyl-2-pentanone	Ave	0.1661	0.1581		95.2	100	-4.8	50.0
trans-1,3-Dichloropropene	Ave	0.4863	0.4615		19.0	20.0	-5.1	50.0
1,1,2-Trichloroethane	Ave	0.2107	0.2040		19.4	20.0	-3.2	50.0
Ethyl methacrylate	Lin2		0.2589		20.2	20.0	0.8	50.0
Dibromochloromethane	Ave	0.4337	0.4206		19.4	20.0	-3.0	50.0
1,3-Dichloropropane	Ave	0.4277	0.3895		18.2	20.0	-8.9	50.0
1,2-Dibromoethane	Ave	0.2848	0.2670		18.7	20.0	-6.3	50.0
Butyl acetate	Qua		0.0498		19.6	20.0	-2.2	50.0
2-Hexanone	Ave	0.1172	0.1053		89.8	100	-10.2	50.0
Chlorobenzene	Ave	1.289	1.209	0.3000	18.7	20.0	-6.3	50.0
Ethylbenzene	Ave	0.7482	0.6729		18.0	20.0	-10.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182028/2 Calibration Date: 09/18/2013 13:12

Instrument ID: CVOAMS4 Calib Start Date: 09/05/2013 03:49

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/05/2013 06:32

Lab File ID: D363087.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,1,2-Tetrachloroethane	Ave	0.5612	0.5464		19.5	20.0	-2.6	50.0
m&p-Xylene	Ave	0.9329	0.8699		18.6	20.0	-6.8	50.0
o-Xylene	Ave	0.8720	0.8435		19.3	20.0	-3.3	50.0
Bromoform	Ave	0.2694	0.2741	0.1000	20.3	20.0	1.7	50.0
Styrene	Ave	1.260	1.212		19.2	20.0	-3.8	50.0
Butyl acrylate	Ave	0.2035	0.1737		17.1	20.0	-14.7	50.0
Isopropylbenzene	Ave	2.639	2.484		18.8	20.0	-5.9	50.0
Camphene, Total	Ave	0.2076	0.1771		17.1	20.0	-14.7	50.0
Amly acetate	Ave	0.5779	0.4797		16.6	20.0	-17.0	50.0
Monobromobenzene	Ave	1.019	0.9011		17.7	20.0	-11.6	50.0
N-Propylbenzene	Ave	5.270	4.400		16.7	20.0	-16.5	50.0
1,1,2,2-Tetrachloroethane	Ave	0.5890	0.5053	0.3000	17.2	20.0	-14.2	50.0
p-Ethyltoluene	Ave	4.677	3.829		16.4	20.0	-18.1	50.0
2-Chlorotoluene	Ave	3.776	3.101		16.4	20.0	-17.9	50.0
1,2,3-Trichloropropane	Ave	0.2253	0.1999		17.7	20.0	-11.3	50.0
1,3,5-Trimethylbenzene	Ave	4.129	3.432		16.6	20.0	-16.9	50.0
trans-1,4-Dichloro-2-butene	Qua		0.1394		19.7	20.0	-1.4	50.0
4-Chlorotoluene	Ave	3.211	2.646		16.5	20.0	-17.6	50.0
tert-Butylbenzene	Ave	3.378	2.676		15.8	20.0	-20.8	50.0
Butyl Methacrylate	Ave	0.8451	0.7186		17.0	20.0	-15.0	50.0
1,2,4-Trimethylbenzene	Ave	4.059	3.592		17.7	20.0	-11.5	50.0
sec-Butylbenzene	Ave	5.078	4.218		16.6	20.0	-16.9	50.0
p-Isopropyltoluene	Ave	4.548	3.867		17.0	20.0	-15.0	50.0
1,3-Dichlorobenzene	Ave	2.126	1.831		17.2	20.0	-13.9	50.0
1,4-Dichlorobenzene	Ave	2.053	1.799		17.5	20.0	-12.4	50.0
Indan	Ave	1.676	1.740		20.8	20.0	3.8	50.0
1,4-Diethylbenzene	Ave	2.792	2.232		16.0	20.0	-20.1	50.0
Benzyl chloride	Qua		0.2538		18.1	20.0	-9.5	50.0
n-Butylbenzene	Ave	2.384	1.973		16.5	20.0	-17.3	50.0
1,2-Dichlorobenzene	Ave	1.964	1.712		17.4	20.0	-12.9	50.0
1,2,4,5-Tetramethylbenzene	Ave	4.155	3.448		16.6	20.0	-17.0	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1713	0.1445		16.9	20.0	-15.6	50.0
Hexachlorobutadiene	Ave	1.142	0.9125		16.0	20.0	-20.1	50.0
1,2,4-Trichlorobenzene	Ave	1.676	1.423		17.0	20.0	-15.1	50.0
Camphor	Qua		0.0484		84.2	100	-15.8	50.0
Naphthalene	Ave	2.727	2.332		17.1	20.0	-14.5	50.0
1,2,3-Trichlorobenzene	Ave	1.454	1.356		18.7	20.0	-6.7	50.0
Dibromofluoromethane (Surr)	Ave	0.2932	0.3485		59.4	50.0	18.9	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3117	0.3633		58.3	50.0	16.5	50.0
Toluene-d8 (Surr)	Ave	1.327	1.409		53.1	50.0	6.1	50.0
Bromofluorobenzene	Ave	0.7740	0.7826		50.6	50.0	1.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182082/2 Calibration Date: 09/19/2013 03:22

Instrument ID: CVOAMS4 Calib Start Date: 09/05/2013 03:49

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/05/2013 06:32

Lab File ID: D363114.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	0.8742	0.5778		13.2	20.0	-33.9	50.0
Chloromethane	Ave	0.4132	0.3002	0.1000	14.5	20.0	-27.3	50.0
Butadiene	Ave	0.3498	0.3113		17.8	20.0	-11.0	50.0
Vinyl chloride	Ave	0.4585	0.3929		17.1	20.0	-14.3	20.0
Bromomethane	Ave	0.3503	0.3420		19.5	20.0	-2.4	50.0
Chloroethane	Ave	0.2497	0.2419		19.4	20.0	-3.1	50.0
Trichlorofluoromethane	Ave	1.079	0.9076		16.8	20.0	-15.9	50.0
Dichlorofluoromethane	Ave	0.8427	0.8325		19.8	20.0	-1.2	50.0
Isopropene	Ave	0.5196	0.5168		19.9	20.0	-0.5	50.0
Ethyl ether	Ave	0.1704	0.1611		18.9	20.0	-5.4	50.0
Ethanol	Qua		0.1078		960	1000	-4.0	50.0
Isopropanol	Ave	0.5761	0.5672		197	200	-1.5	50.0
1,1-Dichloroethene	Ave	0.3674	0.3502		19.1	20.0	-4.7	20.0
Carbon disulfide	Ave	1.201	1.169		19.5	20.0	-2.7	50.0
Freon TF	Ave	0.5205	0.4800		18.4	20.0	-7.8	50.0
Iodomethane	Ave	0.7155	0.6814		19.0	20.0	-4.8	50.0
Cyclopentene	Ave	0.9396	0.9606		20.4	20.0	2.2	50.0
Acrolein	Ave	0.0103	0.0040		116	300	-61.3*	50.0
Allyl chloride	Ave	0.1964	0.1677		17.1	20.0	-14.6	50.0
Methylene Chloride	Ave	0.3626	0.2979		16.4	20.0	-17.8	50.0
Acetone	Qua		0.0497		78.3	100	-21.7	50.0
trans-1,2-Dichloroethene	Ave	0.4405	0.3445		15.6	20.0	-21.8	50.0
Methyl acetate	Qua		0.1538		91.2	100	-8.8	50.0
Hexane	Ave	0.5720	0.5182		18.1	20.0	-9.4	50.0
MTBE	Ave	0.9071	0.7474		16.5	20.0	-17.6	50.0
TBA	Lin2		1.261		160	200	-20.0	50.0
Acetonitrile	Qua		0.0060		96.5	200	-51.7*	50.0
DIPE	Ave	0.6835	0.6247		18.3	20.0	-8.6	50.0
2-Chloro-1,3-butadiene	Ave	0.3507	0.3104		17.7	20.0	-11.5	50.0
1,1-Dichloroethane	Ave	0.5909	0.4866	0.1000	16.5	20.0	-17.7	50.0
Acrylonitrile	Ave	0.0452	0.0387		171	200	-14.4	50.0
Tert-butyl ethyl ether	Ave	0.9248	0.8399	0.0100	18.2	20.0	-9.2	50.0
Vinyl acetate	Ave	0.2806	0.2246		32.0	40.0	-20.0	50.0
Allyl alcohol	Qua		0.5079		442	500	-11.6	50.0
cis-1,2-Dichloroethene	Ave	0.3983	0.3282		16.5	20.0	-17.6	50.0
2,2-Dichloropropane	Ave	0.8060	0.6761		16.8	20.0	-16.1	50.0
Bromochloromethane	Qua		0.1509		16.1	20.0	-19.4	50.0
Cyclohexane	Ave	0.5800	0.5037		17.4	20.0	-13.2	50.0
Chloroform	Ave	0.7550	0.6075		16.1	20.0	-19.5	20.0
Carbon tetrachloride	Ave	0.9574	0.7552		15.8	20.0	-21.1	50.0
Ethyl acetate	Qua		0.0187		33.3	40.0	-16.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182082/2 Calibration Date: 09/19/2013 03:22

Instrument ID: CVOAMS4 Calib Start Date: 09/05/2013 03:49

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/05/2013 06:32

Lab File ID: D363114.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	Qua		0.0392		33.7	40.0	-15.7	50.0
1,1,1-Trichloroethane	Ave	0.9383	0.7425		15.8	20.0	-20.9	50.0
1,1-Dichloropropene	Ave	0.5201	0.4644		17.9	20.0	-10.7	50.0
2-Butanone	Ave	1.448	1.288		89.0	100	-11.0	50.0
Benzene	Ave	1.706	1.507		17.7	20.0	-11.6	50.0
n-Heptane	Ave	0.2604	0.2262		17.4	20.0	-13.1	50.0
Propionitrile	Ave	0.0175	0.0168		191	200	-4.3	50.0
Methacrylonitrile	Ave	0.0657	0.0567		173	200	-13.7	50.0
Tert-amyl methyl ether	Ave	0.8636	0.7448		17.2	20.0	-13.8	50.0
1,2-Dichloroethane	Ave	0.4887	0.3548		14.5	20.0	-27.4	50.0
Isobutyl alcohol	Ave	0.1294	0.0768		297	500	-40.7	50.0
2,4,4-Trimethyl-1-pentene	Qua		0.7692		35.9	40.0	-10.1	50.0
Isopropyl acetate	Qua		0.2706		15.8	20.0	-20.9	50.0
Methylcyclohexane	Ave	0.7880	0.6515		16.5	20.0	-17.3	50.0
Methyl acrylate	Ave	0.5549	0.4348		15.7	20.0	-21.6	50.0
Trichloroethene	Ave	0.4322	0.3411		15.8	20.0	-21.1	50.0
Dibromomethane	Ave	0.1757	0.1394		15.9	20.0	-20.6	50.0
n-Butanol	Qua		0.0029		450	500	-10.0	50.0
1,2-Dichloropropane	Ave	0.2519	0.1941		15.4	20.0	-22.9*	20.0
Ethyl acrylate	Qua		0.1265		14.0	20.0	-30.0	50.0
Bromodichloromethane	Ave	0.5109	0.3687		14.4	20.0	-27.8	50.0
Methyl methacrylate	Ave	0.0624	0.0485		31.1	40.0	-22.3	50.0
1,4-Dioxane	Qua		1.297		311	400	-22.2	50.0
Propyl acetate	Ave	0.1649	0.1423		17.3	20.0	-13.7	50.0
2-Chloroethyl vinyl ether	Ave	0.0705	0.0692		19.6	20.0	-1.9	50.0
cis-1,3-Dichloropropene	Ave	0.5596	0.4608		16.5	20.0	-17.7	50.0
Toluene	Ave	2.104	1.781		16.9	20.0	-15.3	20.0
Epichlorohydrin	Ave	0.0161	0.0134		332	400	-17.0	50.0
Tetrachloroethene	Ave	0.6224	0.5678		18.2	20.0	-8.8	50.0
4-Methyl-2-pentanone	Ave	0.1661	0.1548		93.2	100	-6.8	50.0
trans-1,3-Dichloropropene	Ave	0.4863	0.4242		17.4	20.0	-12.8	50.0
1,1,2-Trichloroethane	Ave	0.2107	0.1990		18.9	20.0	-5.5	50.0
Ethyl methacrylate	Lin2		0.1987		15.6	20.0	-22.2	50.0
Dibromochloromethane	Ave	0.4337	0.3499		16.1	20.0	-19.3	50.0
1,3-Dichloropropane	Ave	0.4277	0.3755		17.6	20.0	-12.2	50.0
1,2-Dibromoethane	Ave	0.2848	0.2363		16.6	20.0	-17.0	50.0
Butyl acetate	Qua		0.0538		21.3	20.0	6.3	50.0
2-Hexanone	Ave	0.1172	0.0966		82.4	100	-17.6	50.0
Chlorobenzene	Ave	1.289	1.085	0.3000	16.8	20.0	-15.8	50.0
Ethylbenzene	Ave	0.7482	0.6697		17.9	20.0	-10.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5612	0.4756		16.9	20.0	-15.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182082/2 Calibration Date: 09/19/2013 03:22

Instrument ID: CVOAMS4 Calib Start Date: 09/05/2013 03:49

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/05/2013 06:32

Lab File ID: D363114.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	0.9329	0.8146		17.5	20.0	-12.7	50.0
o-Xylene	Ave	0.8720	0.7882		18.1	20.0	-9.6	50.0
Bromoform	Ave	0.2694	0.2288	0.1000	17.0	20.0	-15.1	50.0
Styrene	Ave	1.260	1.062		16.9	20.0	-15.7	50.0
Butyl acrylate	Ave	0.2035	0.1827		17.9	20.0	-10.3	50.0
Isopropylbenzene	Ave	2.639	2.400		18.2	20.0	-9.0	50.0
Camphene, Total	Ave	0.2076	0.1776		17.1	20.0	-14.5	50.0
Amly acetate	Ave	0.5779	0.5354		18.5	20.0	-7.4	50.0
Monobromobenzene	Ave	1.019	0.8312		16.3	20.0	-18.4	50.0
N-Propylbenzene	Ave	5.270	4.690		17.8	20.0	-11.0	50.0
1,1,2,2-Tetrachloroethane	Ave	0.5890	0.5295	0.3000	18.0	20.0	-10.1	50.0
p-Ethyltoluene	Ave	4.677	4.554		19.5	20.0	-2.6	50.0
2-Chlorotoluene	Ave	3.776	3.349		17.7	20.0	-11.3	50.0
1,2,3-Trichloropropane	Ave	0.2253	0.1762		15.6	20.0	-21.8	50.0
1,3,5-Trimethylbenzene	Ave	4.129	3.742		18.1	20.0	-9.4	50.0
trans-1,4-Dichloro-2-butene	Qua		0.1224		17.5	20.0	-12.5	50.0
4-Chlorotoluene	Ave	3.211	2.752		17.1	20.0	-14.3	50.0
tert-Butylbenzene	Ave	3.378	2.961		17.5	20.0	-12.3	50.0
Butyl Methacrylate	Ave	0.8451	0.8444		20.0	20.0	-0.0	50.0
1,2,4-Trimethylbenzene	Ave	4.059	3.555		17.5	20.0	-12.4	50.0
sec-Butylbenzene	Ave	5.078	4.751		18.7	20.0	-6.4	50.0
p-Isopropyltoluene	Ave	4.548	4.175		18.4	20.0	-8.2	50.0
1,3-Dichlorobenzene	Ave	2.126	1.884		17.7	20.0	-11.4	50.0
1,4-Dichlorobenzene	Ave	2.053	1.730		16.9	20.0	-15.7	50.0
Indan	Ave	1.676	1.371		16.4	20.0	-18.2	50.0
1,4-Diethylbenzene	Ave	2.792	2.691		19.3	20.0	-3.6	50.0
Benzyl chloride	Qua		0.2564		18.3	20.0	-8.6	50.0
n-Butylbenzene	Ave	2.384	2.149		18.0	20.0	-9.9	50.0
1,2-Dichlorobenzene	Ave	1.964	1.709		17.4	20.0	-13.0	50.0
1,2,4,5-Tetramethylbenzene	Ave	4.155	4.104		19.8	20.0	-1.2	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1713	0.1485		17.3	20.0	-13.3	50.0
Hexachlorobutadiene	Ave	1.142	1.014		17.8	20.0	-11.2	50.0
1,2,4-Trichlorobenzene	Ave	1.676	1.449		17.3	20.0	-13.5	50.0
Camphor	Qua		0.0703		126	100	25.5	50.0
Naphthalene	Ave	2.727	2.387		17.5	20.0	-12.5	50.0
1,2,3-Trichlorobenzene	Ave	1.454	1.321		18.2	20.0	-9.1	50.0
Dibromofluoromethane (Surr)	Ave	0.2932	0.2608		44.5	50.0	-11.0	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3117	0.2601		41.7	50.0	-16.6	50.0
Toluene-d8 (Surr)	Ave	1.327	1.302		49.0	50.0	-1.9	50.0
Bromofluorobenzene	Ave	0.7740	0.7121		46.0	50.0	-8.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182221/2 Calibration Date: 09/19/2013 13:21

Instrument ID: CVOAMS4 Calib Start Date: 09/05/2013 03:49

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/05/2013 06:32

Lab File ID: D363137.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	0.8742	0.7376		16.9	20.0	-15.6	50.0
Chloromethane	Ave	0.4132	0.4755	0.1000	23.0	20.0	15.1	50.0
Butadiene	Ave	0.3498	0.3817		21.8	20.0	9.1	50.0
Vinyl chloride	Ave	0.4585	0.4908		21.4	20.0	7.0	20.0
Bromomethane	Ave	0.3503	0.3681		21.0	20.0	5.1	50.0
Chloroethane	Ave	0.2497	0.2721		21.8	20.0	9.0	50.0
Trichlorofluoromethane	Ave	1.079	0.9424		17.5	20.0	-12.7	50.0
Dichlorofluoromethane	Ave	0.8427	0.8480		20.1	20.0	0.6	50.0
Isopropene	Ave	0.5196	0.5463		21.0	20.0	5.1	50.0
Ethanol	Qua		0.1263		1150	1000	14.6	50.0
Ethyl ether	Ave	0.1704	0.1864		21.9	20.0	9.4	50.0
Isopropanol	Ave	0.5761	0.6419		223	200	11.4	50.0
1,1-Dichloroethene	Ave	0.3674	0.3670		20.0	20.0	-0.1	20.0
Carbon disulfide	Ave	1.201	1.247		20.8	20.0	3.8	50.0
Freon TF	Ave	0.5205	0.5340		20.5	20.0	2.6	50.0
Iodomethane	Ave	0.7155	0.6976		19.5	20.0	-2.5	50.0
Cyclopentene	Ave	0.9396	1.039		22.1	20.0	10.6	50.0
Acrolein	Ave	0.0103	0.0038		112	300	-62.7*	50.0
Allyl chloride	Ave	0.1964	0.1872		19.1	20.0	-4.7	50.0
Methylene Chloride	Ave	0.3626	0.3327		18.4	20.0	-8.2	50.0
Acetone	Qua		0.0658		111	100	10.7	50.0
trans-1,2-Dichloroethene	Ave	0.4405	0.3901		17.7	20.0	-11.4	50.0
Methyl acetate	Qua		0.1878		112	100	12.1	50.0
Hexane	Ave	0.5720	0.6082		21.3	20.0	6.3	50.0
MTBE	Ave	0.9071	0.8417		18.6	20.0	-7.2	50.0
TBA	Lin2		1.524		197	200	-1.4	50.0
Acetonitrile	Qua		0.0109		180	200	-9.9	50.0
DIPE	Ave	0.6835	0.7382		21.6	20.0	8.0	50.0
2-Chloro-1,3-butadiene	Ave	0.3507	0.3479		19.8	20.0	-0.8	50.0
1,1-Dichloroethane	Ave	0.5909	0.5790	0.1000	19.6	20.0	-2.0	50.0
Acrylonitrile	Ave	0.0452	0.0465		206	200	2.9	50.0
Tert-butyl ethyl ether	Ave	0.9248	0.9294	0.0100	20.1	20.0	0.5	50.0
Allyl alcohol	Qua		0.5672		480	500	-4.0	50.0
Vinyl acetate	Ave	0.2806	0.2817		40.2	40.0	0.4	50.0
cis-1,2-Dichloroethene	Ave	0.3983	0.3632		18.2	20.0	-8.8	50.0
2,2-Dichloropropane	Ave	0.8060	0.7588		18.8	20.0	-5.9	50.0
Bromochloromethane	Qua		0.1713		18.4	20.0	-8.0	50.0
Cyclohexane	Ave	0.5800	0.5663		19.5	20.0	-2.4	50.0
Chloroform	Ave	0.7550	0.6805		18.0	20.0	-9.9	20.0
Carbon tetrachloride	Ave	0.9574	0.8406		17.6	20.0	-12.2	50.0
Tetrahydrofuran	Qua		0.0459		40.2	40.0	0.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182221/2 Calibration Date: 09/19/2013 13:21

Instrument ID: CVOAMS4 Calib Start Date: 09/05/2013 03:49

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/05/2013 06:32

Lab File ID: D363137.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
Ethyl acetate	Qua		0.0166		29.5	40.0	-26.2	50.0
1,1,1-Trichloroethane	Ave	0.9383	0.8173		17.4	20.0	-12.9	50.0
1,1-Dichloropropene	Ave	0.5201	0.5099		19.6	20.0	-2.0	50.0
2-Butanone	Ave	1.448	1.504		104	100	3.9	50.0
Benzene	Ave	1.706	1.754		20.6	20.0	2.8	50.0
n-Heptane	Ave	0.2604	0.2706		20.8	20.0	3.9	50.0
Propionitrile	Ave	0.0175	0.0184		210	200	5.1	50.0
Methacrylonitrile	Ave	0.0657	0.0662		201	200	0.7	50.0
Tert-amyl methyl ether	Ave	0.8636	0.8311		19.2	20.0	-3.8	50.0
1,2-Dichloroethane	Ave	0.4887	0.4119		16.9	20.0	-15.7	50.0
Isobutyl alcohol	Ave	0.1294	0.1074		415	500	-17.0	50.0
2,4,4-Trimethyl-1-pentene	Qua		0.8696		40.4	40.0	1.0	50.0
Isopropyl acetate	Qua		0.3135		18.4	20.0	-8.2	50.0
Methylcyclohexane	Ave	0.7880	0.7261		18.4	20.0	-7.8	50.0
Methyl acrylate	Ave	0.5549	0.5354		19.3	20.0	-3.5	50.0
Trichloroethene	Ave	0.4322	0.3913		18.1	20.0	-9.5	50.0
Dibromomethane	Ave	0.1757	0.1541		17.5	20.0	-12.3	50.0
n-Butanol	Qua		0.0029		447	500	-10.7	50.0
1,2-Dichloropropane	Ave	0.2519	0.2419		19.2	20.0	-3.9	20.0
Bromodichloromethane	Ave	0.5109	0.4499		17.6	20.0	-11.9	50.0
Ethyl acrylate	Qua		0.1675		18.2	20.0	-8.9	50.0
Methyl methacrylate	Ave	0.0624	0.0570		36.5	40.0	-8.7	50.0
1,4-Dioxane	Qua		1.508		365	400	-8.7	50.0
Propyl acetate	Ave	0.1649	0.1501		18.2	20.0	-9.0	50.0
2-Chloroethyl vinyl ether	Ave	0.0705	0.0901		25.5	20.0	27.7	50.0
cis-1,3-Dichloropropene	Ave	0.5596	0.5321		19.0	20.0	-4.9	50.0
Toluene	Ave	2.104	2.059		19.6	20.0	-2.1	20.0
Epichlorohydrin	Ave	0.0161	0.0166		412	400	3.1	50.0
2-Nitropropane	Ave	0.0532	0.0485		36.5	40.0	-8.8	50.0
Tetrachloroethene	Ave	0.6224	0.6344		20.4	20.0	1.9	50.0
4-Methyl-2-pentanone	Ave	0.1661	0.1904		115	100	14.6	50.0
trans-1,3-Dichloropropene	Ave	0.4863	0.5042		20.7	20.0	3.7	50.0
1,1,2-Trichloroethane	Ave	0.2107	0.2249		21.3	20.0	6.7	50.0
Ethyl methacrylate	Lin2		0.2351		18.3	20.0	-8.3	50.0
Dibromochloromethane	Ave	0.4337	0.4088		18.9	20.0	-5.7	50.0
1,3-Dichloropropane	Ave	0.4277	0.4486		21.0	20.0	4.9	50.0
1,2-Dibromoethane	Ave	0.2848	0.2693		18.9	20.0	-5.4	50.0
Butyl acetate	Qua		0.0632		25.2	20.0	25.9	50.0
2-Hexanone	Ave	0.1172	0.1165		99.4	100	-0.6	50.0
Chlorobenzene	Ave	1.289	1.261	0.3000	19.6	20.0	-2.2	50.0
Ethylbenzene	Ave	0.7482	0.7646		20.4	20.0	2.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182221/2 Calibration Date: 09/19/2013 13:21

Instrument ID: CVOAMS4 Calib Start Date: 09/05/2013 03:49

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/05/2013 06:32

Lab File ID: D363137.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,1,2-Tetrachloroethane	Ave	0.5612	0.5515		19.7	20.0	-1.7	50.0
m&p-Xylene	Ave	0.9329	0.9516		20.4	20.0	2.0	50.0
o-Xylene	Ave	0.8720	0.9128		20.9	20.0	4.7	50.0
Bromoform	Ave	0.2694	0.2583	0.1000	19.2	20.0	-4.1	50.0
Styrene	Ave	1.260	1.269		20.1	20.0	0.7	50.0
Butyl acrylate	Ave	0.2035	0.2051		20.2	20.0	0.8	50.0
Isopropylbenzene	Ave	2.639	2.839		21.5	20.0	7.6	50.0
Camphene, Total	Ave	0.2076	0.2266		21.8	20.0	9.2	50.0
Amly acetate	Ave	0.5779	0.6919		23.9	20.0	19.7	50.0
Monobromobenzene	Ave	1.019	1.056		20.7	20.0	3.6	50.0
N-Propylbenzene	Ave	5.270	5.917		22.5	20.0	12.3	50.0
1,1,2,2-Tetrachloroethane	Ave	0.5890	0.6644	0.3000	22.6	20.0	12.8	50.0
p-Ethyltoluene	Ave	4.677	5.391		23.1	20.0	15.3	50.0
2-Chlorotoluene	Ave	3.776	4.101		21.7	20.0	8.6	50.0
1,2,3-Trichloropropane	Ave	0.2253	0.2311		20.5	20.0	2.6	50.0
1,3,5-Trimethylbenzene	Ave	4.129	4.542		22.0	20.0	10.0	50.0
trans-1,4-Dichloro-2-butene	Qua		0.1593		22.3	20.0	11.7	50.0
4-Chlorotoluene	Ave	3.211	3.443		21.4	20.0	7.2	50.0
tert-Butylbenzene	Ave	3.378	3.507		20.8	20.0	3.8	50.0
Butyl Methacrylate	Ave	0.8451	0.9627		22.8	20.0	13.9	50.0
1,2,4-Trimethylbenzene	Ave	4.059	4.459		22.0	20.0	9.8	50.0
sec-Butylbenzene	Ave	5.078	5.614		22.1	20.0	10.6	50.0
p-Isopropyltoluene	Ave	4.548	5.137		22.6	20.0	13.0	50.0
1,3-Dichlorobenzene	Ave	2.126	2.242		21.1	20.0	5.4	50.0
1,4-Dichlorobenzene	Ave	2.053	2.137		20.8	20.0	4.1	50.0
Indan	Ave	1.676	1.559		18.6	20.0	-7.0	50.0
1,4-Diethylbenzene	Ave	2.792	3.176		22.8	20.0	13.8	50.0
Benzyl chloride	Qua		0.3120		22.4	20.0	12.2	50.0
n-Butylbenzene	Ave	2.384	2.616		21.9	20.0	9.7	50.0
1,2-Dichlorobenzene	Ave	1.964	2.079		21.2	20.0	5.9	50.0
1,2,4,5-Tetramethylbenzene	Ave	4.155	4.624		22.3	20.0	11.3	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1713	0.1863		21.8	20.0	8.8	50.0
Hexachlorobutadiene	Ave	1.142	1.171		20.5	20.0	2.6	50.0
1,2,4-Trichlorobenzene	Ave	1.676	1.732		20.7	20.0	3.3	50.0
Camphor	Qua		0.0592		105	100	4.6	50.0
Naphthalene	Ave	2.727	2.839		20.8	20.0	4.1	50.0
1,2,3-Trichlorobenzene	Ave	1.454	1.589		21.9	20.0	9.3	50.0
Dibromofluoromethane (Surr)	Ave	0.2932	0.2697		46.0	50.0	-8.0	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3117	0.2762		44.3	50.0	-11.4	50.0
Toluene-d8 (Surr)	Ave	1.327	1.419		53.5	50.0	6.9	50.0
Bromofluorobenzene	Ave	0.7740	0.8313		53.7	50.0	7.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182467/2 Calibration Date: 09/21/2013 03:04

Instrument ID: CVOAMS4 Calib Start Date: 09/05/2013 03:49

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/05/2013 06:32

Lab File ID: D363217.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	0.8742	0.7985		18.3	20.0	-8.7	50.0
Chloromethane	Ave	0.4132	0.3594	0.1000	17.4	20.0	-13.0	50.0
Butadiene	Ave	0.3498	0.3211		18.4	20.0	-8.2	50.0
Vinyl chloride	Ave	0.4585	0.4394		19.2	20.0	-4.2	20.0
Bromomethane	Ave	0.3503	0.3691		21.1	20.0	5.4	50.0
Chloroethane	Ave	0.2497	0.2375		19.0	20.0	-4.9	50.0
Trichlorofluoromethane	Ave	1.079	1.052		19.5	20.0	-2.6	50.0
Dichlorofluoromethane	Ave	0.8427	0.8319		19.7	20.0	-1.3	50.0
Isopropene	Ave	0.5196	0.5061		19.5	20.0	-2.6	50.0
Ethanol	Qua		0.1063		945	1000	-5.5	50.0
Ethyl ether	Ave	0.1704	0.1680		19.7	20.0	-1.4	50.0
Isopropanol	Ave	0.5761	0.5567		193	200	-3.4	50.0
1,1-Dichloroethene	Ave	0.3674	0.3639		19.8	20.0	-1.0	20.0
Carbon disulfide	Ave	1.201	1.130		18.8	20.0	-5.9	50.0
Freon TF	Ave	0.5205	0.5357		20.6	20.0	2.9	50.0
Iodomethane	Ave	0.7155	0.7326		20.5	20.0	2.4	50.0
Cyclopentene	Ave	0.9396	0.8999		19.2	20.0	-4.2	50.0
Acrolein	Ave	0.0103	0.0027		78.3	300	-73.9*	50.0
Allyl chloride	Ave	0.1964	0.1800		18.3	20.0	-8.3	50.0
Methylene Chloride	Ave	0.3626	0.3307		18.2	20.0	-8.8	50.0
Acetone	Qua		0.0531		85.2	100	-14.8	50.0
trans-1,2-Dichloroethene	Ave	0.4405	0.3829		17.4	20.0	-13.1	50.0
Methyl acetate	Qua		0.1261		74.2	100	-25.8	50.0
Hexane	Ave	0.5720	0.4707		16.5	20.0	-17.7	50.0
MTBE	Ave	0.9071	0.8274		18.2	20.0	-8.8	50.0
TBA	Lin2		1.384		177	200	-11.3	50.0
Acetonitrile	Qua		0.0078		126	200	-36.9	50.0
DIPE	Ave	0.6835	0.5645		16.5	20.0	-17.4	50.0
2-Chloro-1,3-butadiene	Ave	0.3507	0.3302		18.8	20.0	-5.8	50.0
1,1-Dichloroethane	Ave	0.5909	0.5166	0.1000	17.5	20.0	-12.6	50.0
Acrylonitrile	Ave	0.0452	0.0379		168	200	-16.2	50.0
Allyl alcohol	Qua		0.4925		432	500	-13.6	50.0
Tert-butyl ethyl ether	Ave	0.9248	0.7997	0.0100	17.3	20.0	-13.5	50.0
Vinyl acetate	Ave	0.2806	0.2258		32.2	40.0	-19.5	50.0
cis-1,2-Dichloroethene	Ave	0.3983	0.3628		18.2	20.0	-8.9	50.0
2,2-Dichloropropane	Ave	0.8060	0.7848		19.5	20.0	-2.6	50.0
Bromochloromethane	Qua		0.1823		19.6	20.0	-1.8	50.0
Cyclohexane	Ave	0.5800	0.4894		16.9	20.0	-15.6	50.0
Chloroform	Ave	0.7550	0.6888		18.2	20.0	-8.8	20.0
Carbon tetrachloride	Ave	0.9574	0.9602		20.1	20.0	0.3	50.0
Tetrahydrofuran	Qua		0.0373		31.9	40.0	-20.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182467/2 Calibration Date: 09/21/2013 03:04

Instrument ID: CVOAMS4 Calib Start Date: 09/05/2013 03:49

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/05/2013 06:32

Lab File ID: D363217.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
Ethyl acetate	Qua		0.0199		35.5	40.0	-11.2	50.0
1,1,1-Trichloroethane	Ave	0.9383	0.8936		19.0	20.0	-4.8	50.0
1,1-Dichloropropene	Ave	0.5201	0.5331		20.5	20.0	2.5	50.0
2-Butanone	Ave	1.448	1.626		112	100	12.3	50.0
n-Heptane	Ave	0.2604	0.2449		18.8	20.0	-6.0	50.0
Benzene	Ave	1.706	1.516		17.8	20.0	-11.1	50.0
Propionitrile	Ave	0.0175	0.0148		169	200	-15.5	50.0
Methacrylonitrile	Ave	0.0657	0.0563		171	200	-14.3	50.0
Tert-amyl methyl ether	Ave	0.8636	0.7622		17.7	20.0	-11.7	50.0
1,2-Dichloroethane	Ave	0.4887	0.4213		17.2	20.0	-13.8	50.0
Isobutyl alcohol	Ave	0.1294	0.1028		397	500	-20.6	50.0
2,4,4-Trimethyl-1-pentene	Qua		0.7361		34.5	40.0	-13.8	50.0
Isopropyl acetate	Qua		0.2563		15.0	20.0	-25.1	50.0
Methyl acrylate	Ave	0.5549	0.4514		16.3	20.0	-18.6	50.0
Methylcyclohexane	Ave	0.7880	0.7183		18.2	20.0	-8.8	50.0
Trichloroethene	Ave	0.4322	0.4161		19.3	20.0	-3.7	50.0
Dibromomethane	Ave	0.1757	0.1743		19.8	20.0	-0.8	50.0
n-Butanol	Qua		0.0025		393	500	-21.3	50.0
1,2-Dichloropropane	Ave	0.2519	0.2249		17.9	20.0	-10.7	20.0
Bromodichloromethane	Ave	0.5109	0.4647		18.2	20.0	-9.0	50.0
Ethyl acrylate	Qua		0.1391		15.3	20.0	-23.5	50.0
Methyl methacrylate	Ave	0.0624	0.0568		36.4	40.0	-9.0	50.0
1,4-Dioxane	Qua		1.416		342	400	-14.6	50.0
Propyl acetate	Ave	0.1649	0.1383		16.8	20.0	-16.2	50.0
2-Chloroethyl vinyl ether	Ave	0.0705	0.0763		21.6	20.0	8.2	50.0
cis-1,3-Dichloropropene	Ave	0.5596	0.4647		16.6	20.0	-17.0	50.0
Toluene	Ave	2.104	1.873		17.8	20.0	-11.0	20.0
Epichlorohydrin	Ave	0.0161	0.0131		325	400	-18.7	50.0
2-Nitropropane	Ave	0.0532	0.0435		32.8	40.0	-18.1	50.0
Tetrachloroethene	Ave	0.6224	0.6982		22.4	20.0	12.2	50.0
4-Methyl-2-pentanone	Ave	0.1661	0.1308		78.8	100	-21.2	50.0
trans-1,3-Dichloropropene	Ave	0.4863	0.4244		17.5	20.0	-12.7	50.0
1,1,2-Trichloroethane	Ave	0.2107	0.1906		18.1	20.0	-9.5	50.0
Ethyl methacrylate	Lin2		0.2146		16.8	20.0	-16.1	50.0
Dibromochloromethane	Ave	0.4337	0.3937		18.2	20.0	-9.2	50.0
1,3-Dichloropropane	Ave	0.4277	0.3732		17.5	20.0	-12.7	50.0
1,2-Dibromoethane	Ave	0.2848	0.2594		18.2	20.0	-8.9	50.0
Butyl acetate	Qua		0.0500		19.7	20.0	-1.6	50.0
2-Hexanone	Ave	0.1172	0.0928		79.1	100	-20.9	50.0
Chlorobenzene	Ave	1.289	1.203	0.3000	18.7	20.0	-6.7	50.0
Ethylbenzene	Ave	0.7482	0.7249		19.4	20.0	-3.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182467/2 Calibration Date: 09/21/2013 03:04

Instrument ID: CVOAMS4 Calib Start Date: 09/05/2013 03:49

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/05/2013 06:32

Lab File ID: D363217.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,1,2-Tetrachloroethane	Ave	0.5612	0.5633		20.1	20.0	0.4	50.0
m&p-Xylene	Ave	0.9329	0.8987		19.3	20.0	-3.7	50.0
o-Xylene	Ave	0.8720	0.8269		19.0	20.0	-5.2	50.0
Bromoform	Ave	0.2694	0.2789	0.1000	20.7	20.0	3.5	50.0
Styrene	Ave	1.260	1.177		18.7	20.0	-6.6	50.0
Butyl acrylate	Ave	0.2035	0.1606		15.8	20.0	-21.1	50.0
Isopropylbenzene	Ave	2.639	2.713		20.6	20.0	2.8	50.0
Camphene, Total	Ave	0.2076	0.1696		16.3	20.0	-18.3	50.0
Amly acetate	Ave	0.5779	0.4165		14.4	20.0	-27.9	50.0
Monobromobenzene	Ave	1.019	0.9432		18.5	20.0	-7.4	50.0
N-Propylbenzene	Ave	5.270	4.659		17.7	20.0	-11.6	50.0
1,1,2,2-Tetrachloroethane	Ave	0.5890	0.4587	0.3000	15.6	20.0	-22.1	50.0
p-Ethyltoluene	Ave	4.677	4.349		18.6	20.0	-7.0	50.0
2-Chlorotoluene	Ave	3.776	3.258		17.3	20.0	-13.7	50.0
1,2,3-Trichloropropane	Ave	0.2253	0.1922		17.1	20.0	-14.7	50.0
1,3,5-Trimethylbenzene	Ave	4.129	3.706		18.0	20.0	-10.2	50.0
trans-1,4-Dichloro-2-butene	Qua		0.1088		15.7	20.0	-21.5	50.0
4-Chlorotoluene	Ave	3.211	2.789		17.4	20.0	-13.1	50.0
tert-Butylbenzene	Ave	3.378	3.035		18.0	20.0	-10.2	50.0
Butyl Methacrylate	Ave	0.8451	0.6720		15.9	20.0	-20.5	50.0
1,2,4-Trimethylbenzene	Ave	4.059	3.742		18.4	20.0	-7.8	50.0
sec-Butylbenzene	Ave	5.078	4.728		18.6	20.0	-6.9	50.0
p-Isopropyltoluene	Ave	4.548	4.373		19.2	20.0	-3.9	50.0
1,3-Dichlorobenzene	Ave	2.126	2.030		19.1	20.0	-4.5	50.0
1,4-Dichlorobenzene	Ave	2.053	1.923		18.7	20.0	-6.3	50.0
Indan	Ave	1.676	1.708		20.4	20.0	1.9	50.0
1,4-Diethylbenzene	Ave	2.792	2.662		19.1	20.0	-4.7	50.0
Benzyl chloride	Qua		0.2504		17.8	20.0	-10.8	50.0
n-Butylbenzene	Ave	2.384	2.164		18.2	20.0	-9.2	50.0
1,2-Dichlorobenzene	Ave	1.964	1.840		18.7	20.0	-6.3	50.0
1,2,4,5-Tetramethylbenzene	Ave	4.155	3.904		18.8	20.0	-6.0	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1713	0.1568		18.3	20.0	-8.4	50.0
Hexachlorobutadiene	Ave	1.142	1.326		23.2	20.0	16.1	50.0
1,2,4-Trichlorobenzene	Ave	1.676	1.618		19.3	20.0	-3.5	50.0
Camphor	Qua		0.0447		77.2	100	-22.8	50.0
Naphthalene	Ave	2.727	2.306		16.9	20.0	-15.4	50.0
1,2,3-Trichlorobenzene	Ave	1.454	1.513		20.8	20.0	4.1	50.0
Dibromofluoromethane (Surr)	Ave	0.2932	0.3046		51.9	50.0	3.9	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3117	0.3016		48.4	50.0	-3.3	50.0
Toluene-d8 (Surr)	Ave	1.327	1.363		51.3	50.0	2.7	50.0
Bromofluorobenzene	Ave	0.7740	0.8371		54.1	50.0	8.2	50.0

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS13\20130815-3604.b\P73657.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	15-Aug-2013 08:03:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	460-0003604-001		
Operator:		Instrument ID:	CVOAMS13
Purge Vol:	5.000 mL	ALS Bottle#:	99
Lims Batch ID:	176275	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS13\20130815-3604.b\8260W_13.m		
Last Update:	16-Aug-2013 15:39:01	Calib Date:	15-Aug-2013 11:42:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS13\20130815-3604.b\P73666.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:	XAWRK031		
First Level Reviewer: martineze		Date:	16-Aug-2013 15:39:01

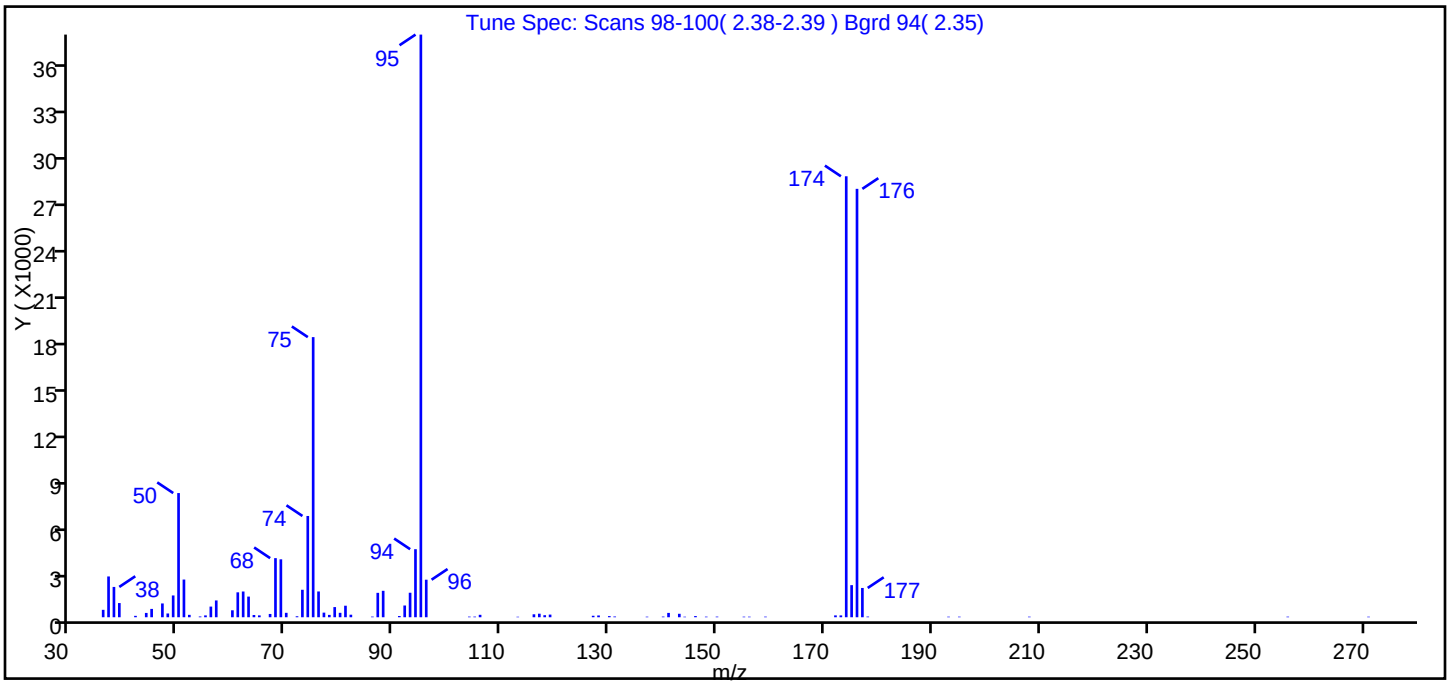
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	2.382	2.382	0.0	87	51272	0	

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS13\20130815-3604.b\P73657.D		
Injection Date:	15-Aug-2013 08:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS13
Lims Batch ID:	176275	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	21.31
75	30.00 - 60.00% of mass 95	48.08
96	5.00 - 9.00% of mass 95	6.44
173	Less than 2.00% of mass 174	0.32 (0.42)
174	Greater than 50.00% of mass 95	75.68
175	5.00 - 9.00% of mass 174	5.51 (7.28)
176	95.00 - 101.00% of mass 174	73.53 (97.15)
177	5.00 - 9.00% of mass 176	5.03 (6.84)

Data File: \\EDICHROM\ChromData\CVOAMS13\20130815-3604.b\P73657.D\8260W_13.rslt\spectra.d
Injection Date: 15-Aug-2013 08:03:30
Spectrum: Tune Spec: Scans 98-100(2.38-2.39) Bgrd 94(2.35)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 82

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	478	64.00	144	92.00	756	144.00	36
37.00	2624	65.00	120	93.00	1577	146.00	77
38.00	1950	67.00	212	94.00	4377	148.00	40
39.00	913	68.00	3802	95.00	37472	150.00	42
42.00	91	69.00	3726	96.00	2415	155.00	38
44.00	278	70.00	285	104.00	42	156.00	38
45.00	537	72.00	64	105.00	42	159.00	40
47.00	888	73.00	1768	106.00	157	172.00	120
48.00	243	74.00	6513	113.00	33	173.00	119
49.00	1402	75.00	18016	116.00	191	174.00	28360
50.00	7987	76.00	1659	117.00	229	175.00	2065
51.00	2425	77.00	297	118.00	133	176.00	27552
52.00	155	78.00	152	119.00	171	177.00	1884
54.00	50	79.00	654	127.00	96	178.00	45
55.00	119	80.00	285	128.00	115	193.00	37
56.00	686	81.00	742	130.00	74	195.00	38
57.00	1081	82.00	164	131.00	49	208.00	38
60.00	448	86.00	43	137.00	38	256.00	39
61.00	1603	87.00	1570	140.00	44	271.00	36
62.00	1656	88.00	1701	141.00	280		
63.00	1329	91.00	79	143.00	223		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS13\20130918-4784.b\P75165.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	18-Sep-2013 17:25:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	460-0004784-001		
Operator:		Instrument ID:	CVOAMS13
Purge Vol:	5.000 mL	ALS Bottle#:	99
Lims Batch ID:	182051	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS13\20130918-4784.b\8260W_13.m		
Last Update:	18-Sep-2013 17:39:09	Calib Date:	15-Aug-2013 11:42:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS13\20130815-3604.b\P73666.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: starzecm		Date:	18-Sep-2013 17:39:09

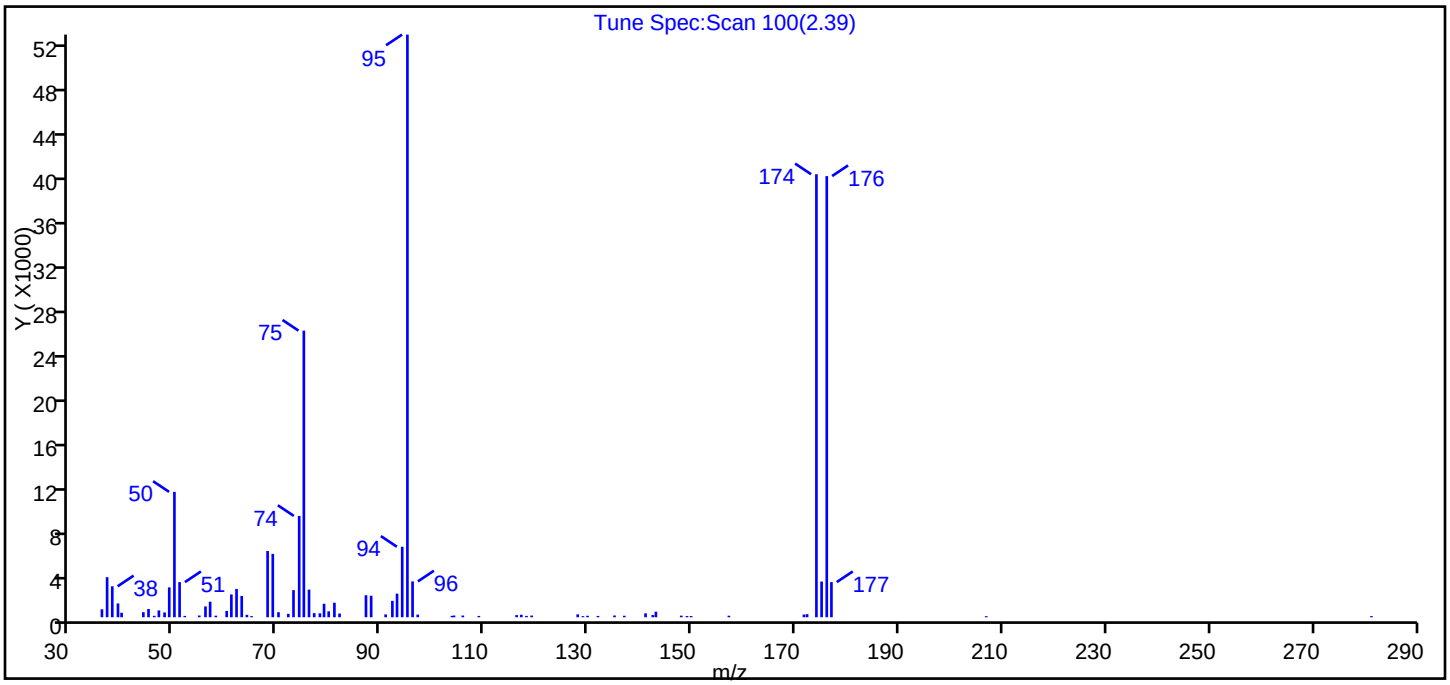
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	2.382	2.382	0.0	77	59411	0	

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS13\20130918-4784.b\P75165.D		
Injection Date:	18-Sep-2013 17:25:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS13
Lims Batch ID:	182051	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	21.52
75	30.00 - 60.00% of mass 95	49.19
96	5.00 - 9.00% of mass 95	6.15
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	76.03
175	5.00 - 9.00% of mass 174	6.13 (8.06)
176	95.00 - 101.00% of mass 174	75.72 (99.58)
177	5.00 - 9.00% of mass 176	6.03 (7.97)

Data File: \\EDICHROM\ChromData\CVOAMS13\20130918-4784.b\P75165.D\8260W_13.rslt\spectra.d
Injection Date: 18-Sep-2013 17:25:30
Spectrum: Tune Spec:Scan 100(2.39)
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	723	61.00	2065	87.00	1995	129.80	134
37.00	3632	62.00	2561	88.00	1948	131.80	121
38.00	2803	63.00	1930	90.80	257	135.00	160
39.10	1251	64.00	218	92.10	1487	136.90	136
39.80	405	64.90	103	93.00	2140	141.00	356
44.00	460	68.00	6001	94.00	6385	142.40	201
45.00	749	69.00	5738	95.00	52776	143.00	502
46.10	132	70.10	456	96.00	3248	147.90	145
47.00	620	72.00	309	97.00	241	149.00	112
48.10	435	73.00	2457	103.60	124	149.80	110
49.00	2707	74.10	9176	104.00	158	157.10	139
50.00	11357	75.00	25960	105.70	158	171.60	249
51.00	3183	76.00	2505	108.80	121	172.20	282
52.00	123	77.00	374	116.10	197	174.00	40128
54.80	160	78.10	355	117.00	228	175.00	3234
56.00	980	78.90	1222	118.00	124	176.00	39960
56.90	1409	79.80	536	119.00	154	176.90	3185
58.00	142	80.90	1314	127.90	265	206.80	102
60.10	573	81.90	338	128.90	100	281.20	104

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		

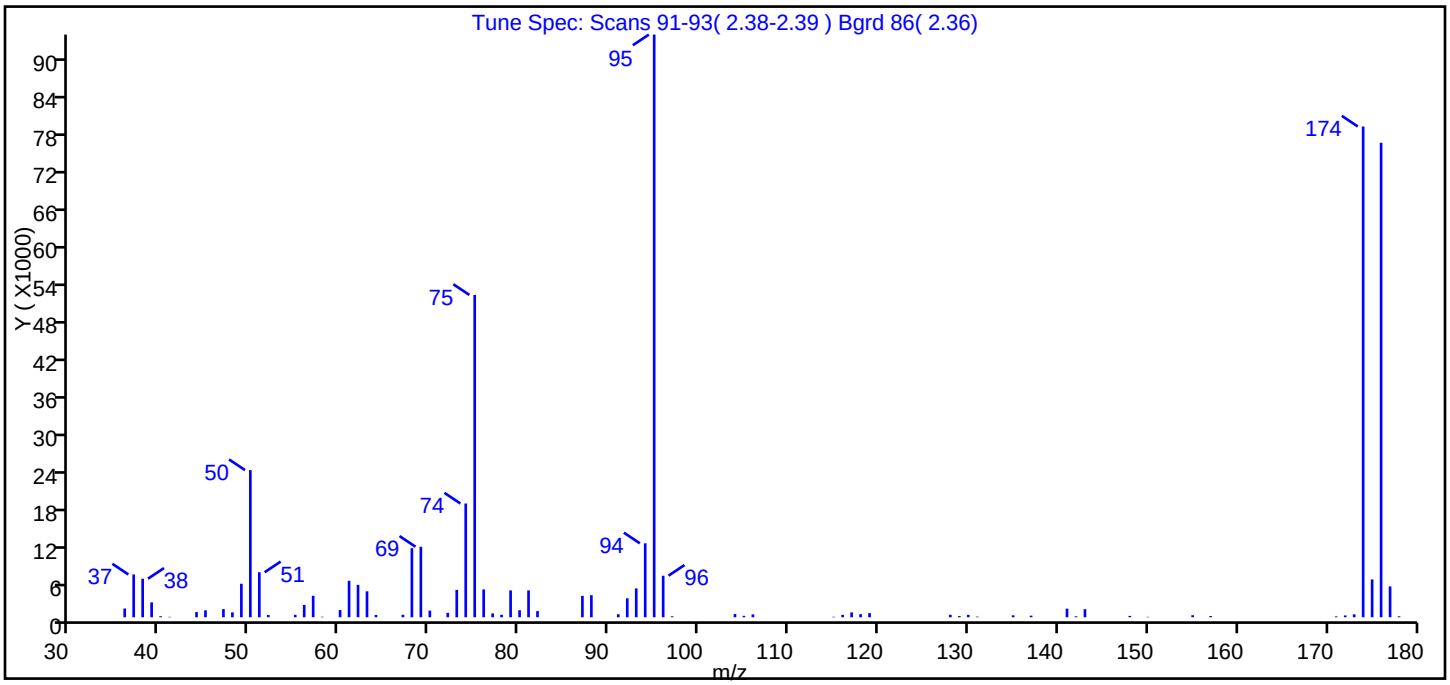
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 151 BFB	95	2.381	2.381	0.0	88	109220	0	

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\20130918-4786.b\B60637.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	18-Sep-2013 22:04:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	460-0004786-001		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	99
Lims Batch ID:	182063	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\8260W_2.m		
Last Update:	19-Sep-2013 04:04:08	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:	XAWRK032		
First Level Reviewer: boykink		Date:	18-Sep-2013 22:20:28

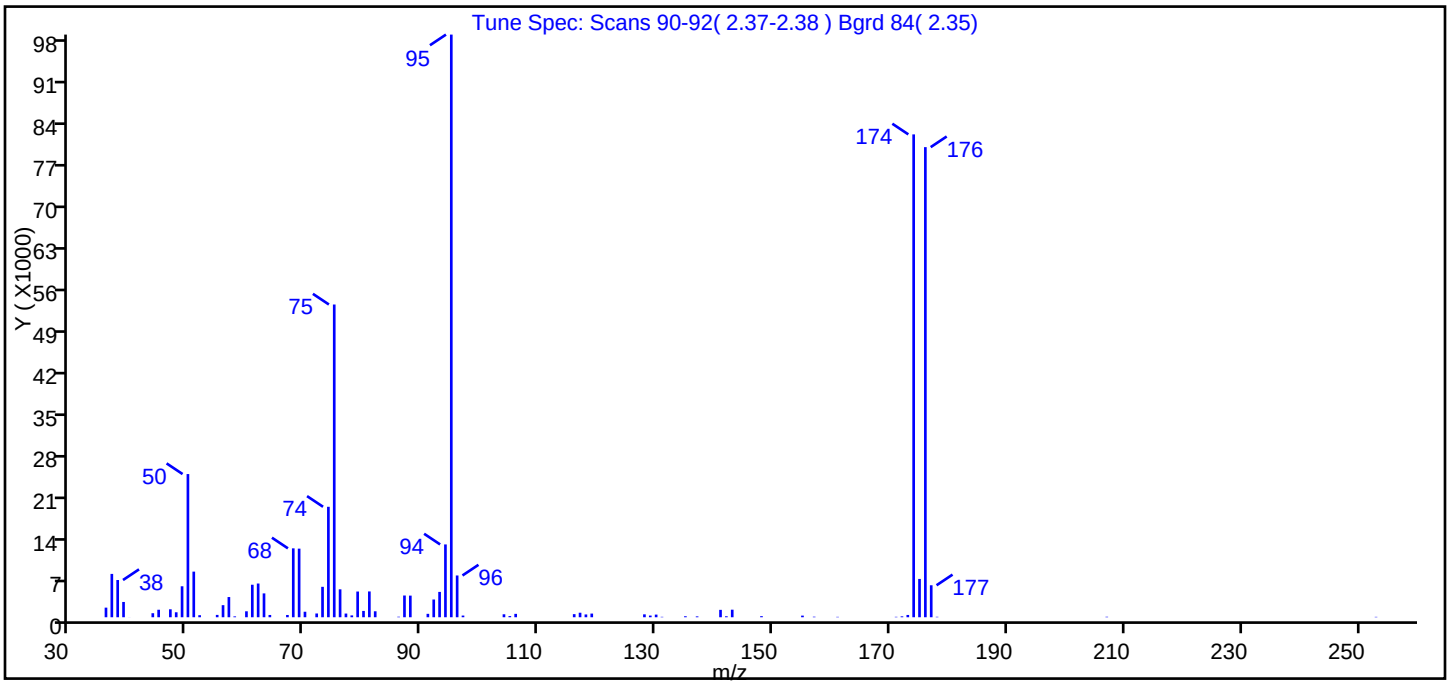
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 151 BFB	95	2.377	2.377	0.0	87	124551	0	

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60637.D		
Injection Date:	18-Sep-2013 22:04:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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	24.58
75	30.00 - 60.00% of mass 95	53.68
96	5.00 - 9.00% of mass 95	7.17
173	Less than 2.00% of mass 174	0.40 (0.48)
174	Greater than 50.00% of mass 95	82.87
175	5.00 - 9.00% of mass 174	6.58 (7.94)
176	95.00 - 101.00% of mass 174	80.68 (97.36)
177	5.00 - 9.00% of mass 176	5.49 (6.80)

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60637.D\8260W_2.rslt\spectra.d
Injection Date: 18-Sep-2013 22:04:30
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: 77

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1629	63.00	4041	91.00	581	141.00	1255
37.00	7343	64.00	388	92.00	3009	142.00	167
38.00	6307	67.00	386	93.00	4295	143.00	1282
39.00	2590	68.00	11671	94.00	12336	148.00	182
40.00	10	69.00	11622	95.00	98696	155.00	278
44.00	684	70.00	935	96.00	7077	157.00	95
45.00	1272	72.00	639	97.00	287	161.00	70
47.00	1349	73.00	5155	104.00	505	171.00	76
48.00	844	74.00	18712	105.00	199	172.00	152
49.00	5247	75.00	52976	106.00	576	173.00	390
50.00	24256	76.00	4731	116.00	527	174.00	81792
51.00	7730	77.00	627	117.00	767	175.00	6492
52.00	349	78.00	313	118.00	475	176.00	79632
55.00	399	79.00	4357	119.00	624	177.00	5418
56.00	2047	80.00	1071	128.00	494	178.00	79
57.00	3423	81.00	4373	129.00	286	207.00	85
58.00	147	82.00	1012	130.00	449	253.00	69
60.00	1012	86.00	91	131.00	74		
61.00	5509	87.00	3684	135.00	169		
62.00	5714	88.00	3665	137.00	148		

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

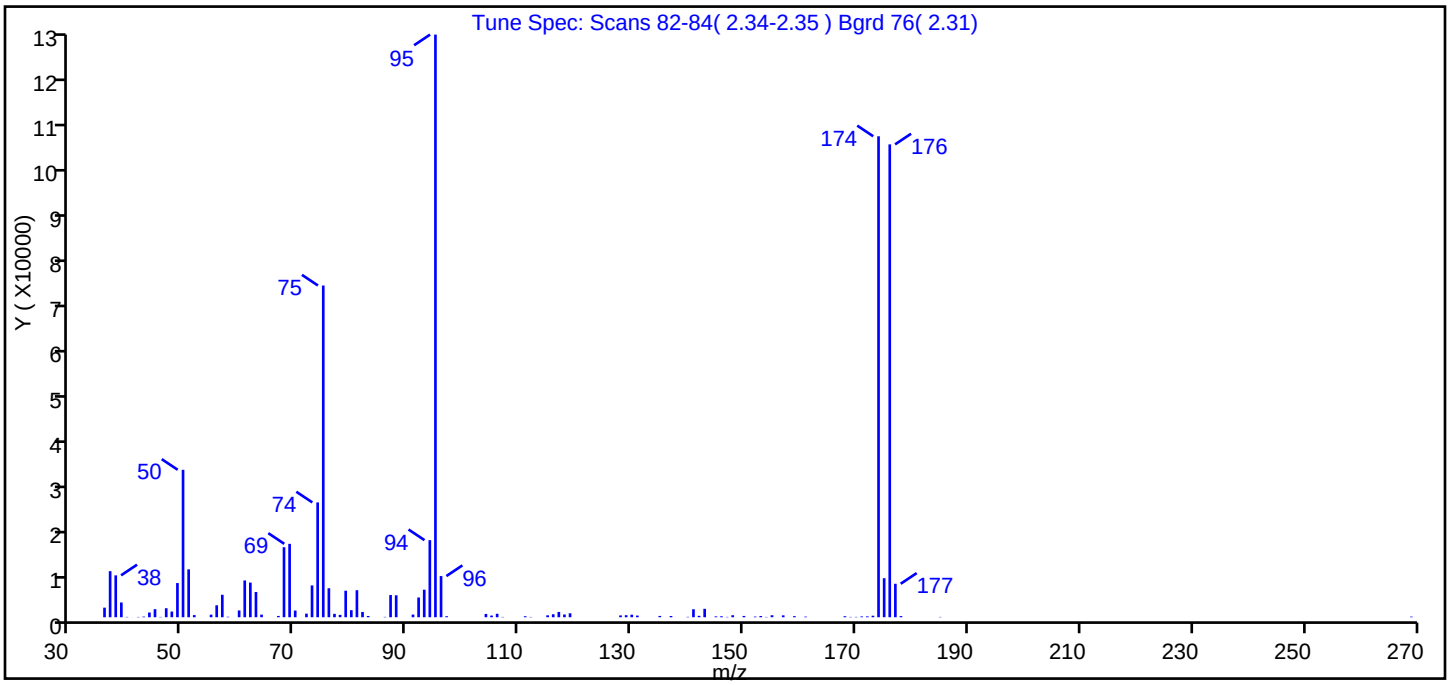
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 151 BFB	95	2.342	2.342	0.0	87	149304	0	

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

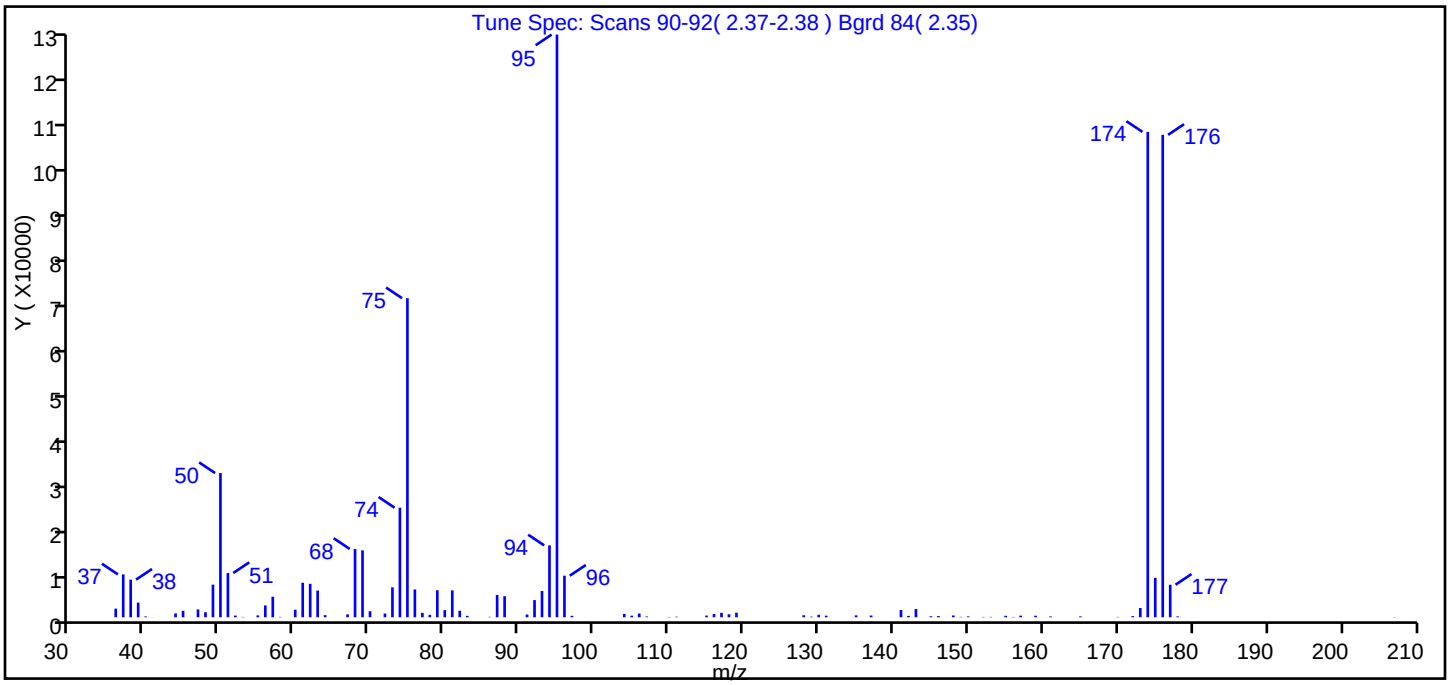
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 151 BFB	95	2.377	2.377	0.0	88	138987	0	

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\CVOAMS4\20130905-4301.b\D362529.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	05-Sep-2013 03:27:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	460-0004298-001		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	99
Lims Batch ID:	179700	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\8260S_4.m		
Last Update:	05-Sep-2013 15:03:01	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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:	XAWRK011		
First Level Reviewer: tupayachia		Date:	05-Sep-2013 15:03:01

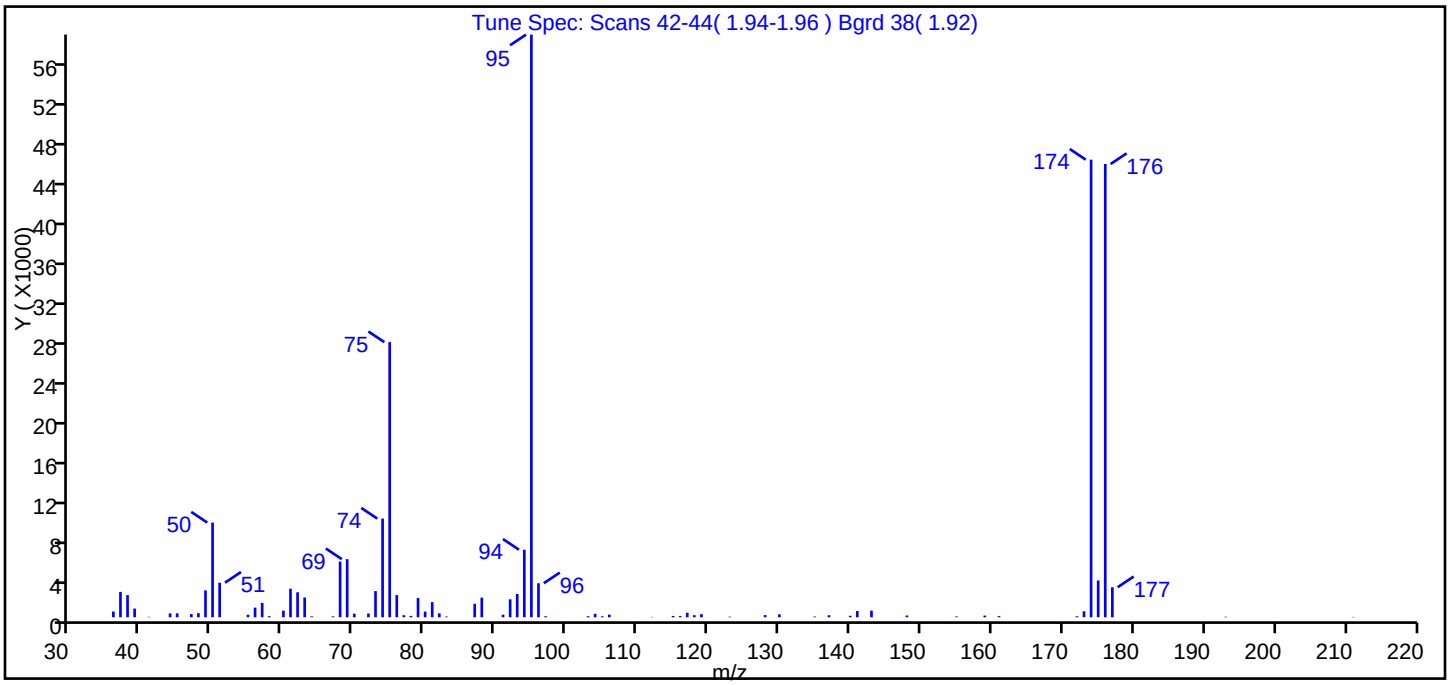
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	1.949	1.949	0.0	91	70356	0	

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362529.D		
Injection Date:	05-Sep-2013 03:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	179700	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	16.25
75	30.00 - 60.00% of mass 95	47.22
96	5.00 - 9.00% of mass 95	5.84
173	Less than 2.00% of mass 174	1.03 (1.31)
174	Greater than 50.00% of mass 95	78.53
175	5.00 - 9.00% of mass 174	6.32 (8.04)
176	95.00 - 101.00% of mass 174	77.79 (99.05)
177	5.00 - 9.00% of mass 176	5.16 (6.63)

Data File: \\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362529.D\8260S_4.rslt\spectra.d
Injection Date: 05-Sep-2013 03:27:30
Spectrum: Tune Spec: Scans 42-44(1.94-1.96) Bgrd 38(1.92)
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	580	63.00	1999	88.00	1984	128.00	219
37.00	2566	64.00	89	91.00	256	130.00	298
38.00	2242	67.00	90	92.00	1817	135.00	74
39.00	876	68.00	5637	93.00	2351	137.00	205
41.00	46	69.00	5879	94.00	6834	140.00	149
44.00	393	70.00	363	95.00	58960	141.00	626
45.00	401	72.00	373	96.00	3443	143.00	672
47.00	320	73.00	2647	97.00	105	148.00	176
48.00	411	74.00	9984	103.00	110	155.00	82
49.00	2717	75.00	27840	104.00	349	159.00	168
50.00	9581	76.00	2247	105.00	101	161.00	118
51.00	3497	77.00	208	106.00	267	172.00	100
55.00	259	78.00	138	112.00	35	173.00	606
56.00	975	79.00	1958	115.00	132	174.00	46304
57.00	1455	80.00	572	116.00	119	175.00	3725
58.00	114	81.00	1531	117.00	452	176.00	45864
60.00	669	82.00	396	118.00	209	177.00	3041
61.00	2891	83.00	76	119.00	312	193.00	55
62.00	2530	87.00	1362	123.00	58	211.00	36

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363058.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	18-Sep-2013 01:24:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	460-0004749-001		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	99
Lims Batch ID:	181887	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\8260S_4.m		
Last Update:	18-Sep-2013 13:47:51	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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		
First Level Reviewer: tupayachia		Date:	18-Sep-2013 04:29:03

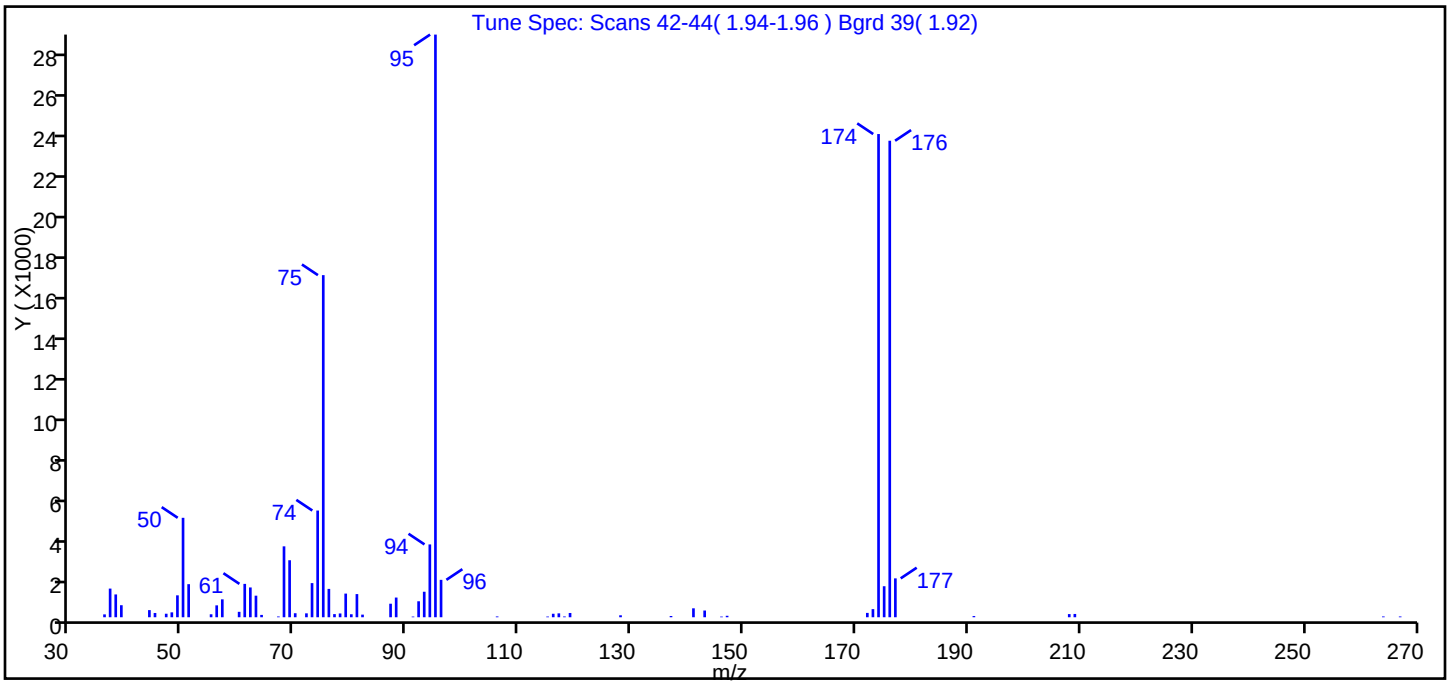
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	1.949	1.949	0.0	0	35811	0	

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363058.D		
Injection Date:	18-Sep-2013 01:24:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	181887	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	17.07
75	30.00 - 60.00% of mass 95	58.72
96	5.00 - 9.00% of mass 95	6.42
173	Less than 2.00% of mass 174	1.39 (1.68)
174	Greater than 50.00% of mass 95	82.93
175	5.00 - 9.00% of mass 174	5.33 (6.42)
176	95.00 - 101.00% of mass 174	81.78 (98.61)
177	5.00 - 9.00% of mass 176	6.67 (8.16)

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363058.D\8260S_4.rslt\spectra.d
Injection Date: 18-Sep-2013 01:24:30
Spectrum: Tune Spec: Scans 42-44(1.94-1.96) Bgrd 39(1.92)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 65

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	141	63.00	1057	87.00	663	143.00	330
37.00	1404	64.00	115	88.00	965	146.00	34
38.00	1118	67.00	38	91.00	34	147.00	72
39.00	590	68.00	3474	92.00	783	172.00	213
44.00	350	69.00	2793	93.00	1250	173.00	398
45.00	209	70.00	197	94.00	3568	174.00	23672
47.00	173	72.00	192	95.00	28544	175.00	1520
48.00	240	73.00	1673	96.00	1833	176.00	23344
49.00	1074	74.00	5228	106.00	40	177.00	1905
50.00	4872	75.00	16760	115.00	35	191.00	58
51.00	1621	76.00	1389	116.00	172	208.00	155
55.00	146	77.00	154	117.00	191	209.00	162
56.00	583	78.00	186	118.00	39	264.00	39
57.00	878	79.00	1159	119.00	209	267.00	39
60.00	266	80.00	147	128.00	96		
61.00	1635	81.00	1135	137.00	61		
62.00	1460	82.00	129	141.00	438		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363086.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	18-Sep-2013 12:50:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	460-0004780-001		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	99
Lims Batch ID:	182028	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\8260S_4.m		
Last Update:	18-Sep-2013 20:10:57	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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: starzecm		Date:	18-Sep-2013 20:10:57

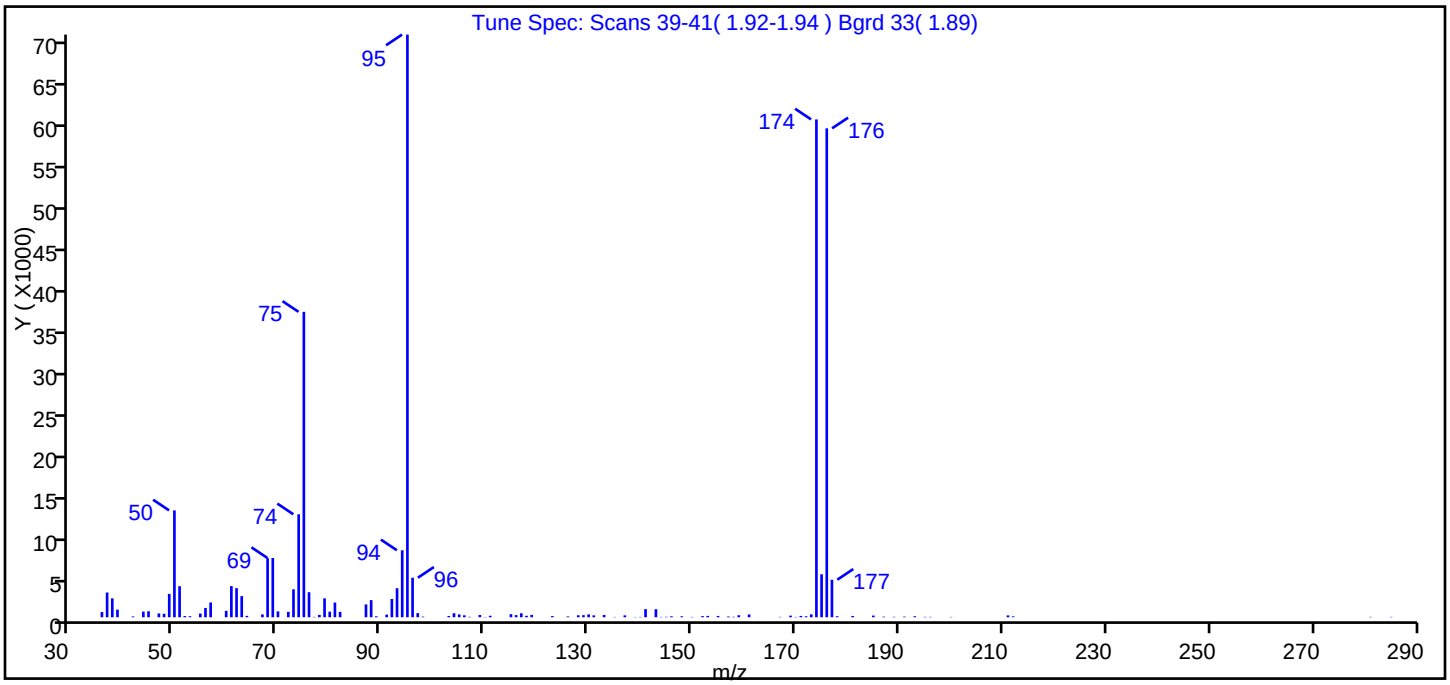
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	1.931	1.931	0.0	89	83143	0	

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363086.D		
Injection Date:	18-Sep-2013 12:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182028	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	18.34
75	30.00 - 60.00% of mass 95	52.42
96	5.00 - 9.00% of mass 95	6.79
173	Less than 2.00% of mass 174	0.50 (0.58)
174	Greater than 50.00% of mass 95	85.44
175	5.00 - 9.00% of mass 174	7.38 (8.64)
176	95.00 - 101.00% of mass 174	83.91 (98.21)
177	5.00 - 9.00% of mass 176	6.44 (7.68)

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363086.D\8260S_4.rslt\spectra.d
Injection Date: 18-Sep-2013 12:50:30
Spectrum: Tune Spec: Scans 39-41(1.92-1.94) Bgrd 33(1.89)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 111

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	633	74.00	12539	115.00	380	159.00	247
37.00	3012	75.00	37192	116.00	264	161.00	339
38.00	2304	76.00	3051	117.00	482	163.00	7
39.00	931	77.00	45	118.00	182	167.00	47
42.00	102	78.00	286	119.00	287	169.00	199
44.00	688	79.00	2303	123.00	143	170.00	38
45.00	729	80.00	679	126.00	101	171.00	165
47.00	466	81.00	1795	128.00	240	172.00	121
48.00	423	82.00	656	129.00	255	173.00	354
49.00	2845	87.00	1564	130.00	349	174.00	60624
50.00	13015	88.00	2089	131.00	234	175.00	5235
51.00	3782	89.00	115	133.00	281	176.00	59536
52.00	145	91.00	323	135.00	40	177.00	4570
53.00	123	92.00	2223	137.00	229	178.00	126
55.00	449	93.00	3535	139.00	33	181.00	160
56.00	1132	94.00	8157	140.00	43	185.00	204
57.00	1801	95.00	70952	141.00	991	187.00	74
60.00	782	96.00	4815	143.00	977	189.00	52
61.00	3792	97.00	502	144.00	40	191.00	78
62.00	3549	98.00	77	145.00	55	193.00	124
63.00	2574	103.00	157	146.00	119	195.00	51
64.00	172	104.00	492	148.00	118	196.00	49
67.00	344	105.00	343	150.00	43	200.00	42
68.00	7196	106.00	235	152.00	137	211.00	226
69.00	7215	107.00	54	153.00	166	212.00	108
70.00	716	109.00	280	155.00	159	281.00	48
72.00	661	110.00	35	157.00	94	285.00	47
73.00	3406	111.00	182	158.00	56		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363113.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	19-Sep-2013 03:02:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	460-0004794-001		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	99
Lims Batch ID:	182082	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\8260S_4.m		
Last Update:	19-Sep-2013 16:09:53	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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: tupayachia		Date:	19-Sep-2013 06:05:58

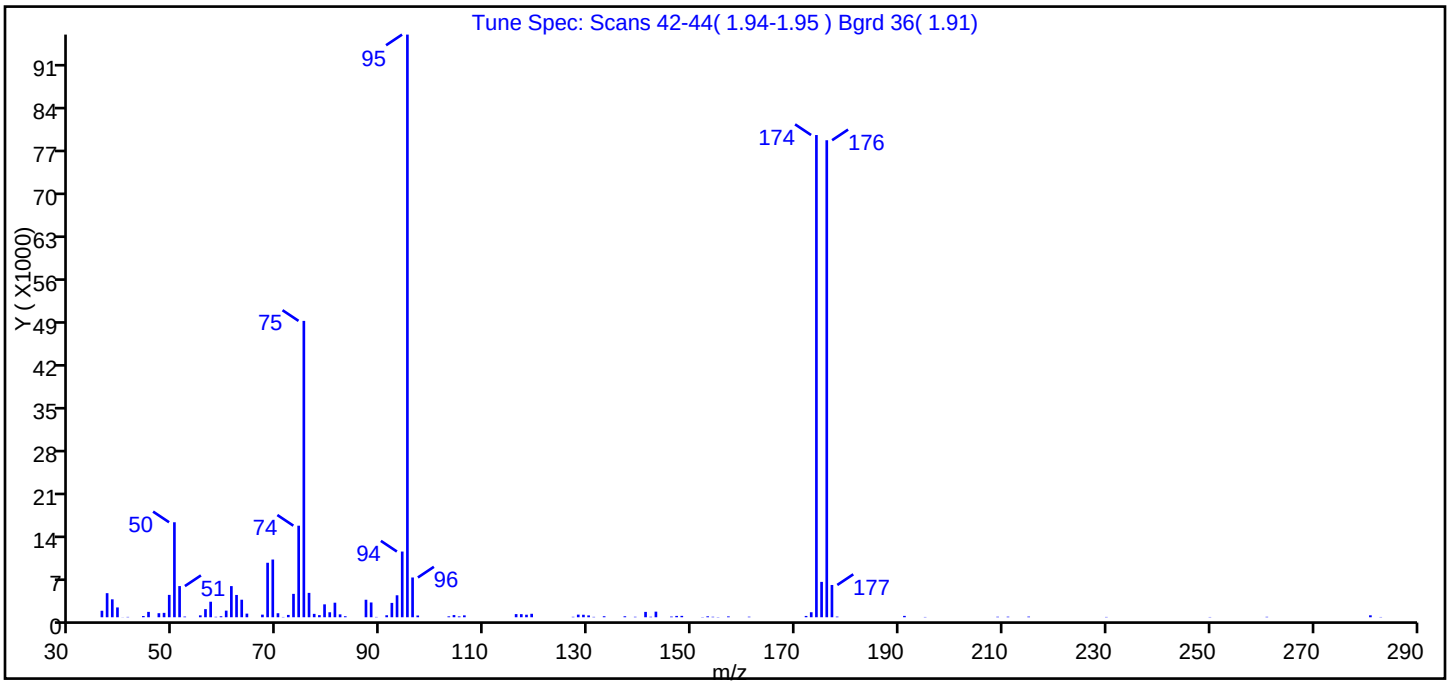
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	1.949	1.949	0.0	90	131159	0	

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363113.D		
Injection Date:	19-Sep-2013 03:02:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182082	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	16.30
75	30.00 - 60.00% of mass 95	50.87
96	5.00 - 9.00% of mass 95	6.83
173	Less than 2.00% of mass 174	0.86 (1.04)
174	Greater than 50.00% of mass 95	82.76
175	5.00 - 9.00% of mass 174	6.07 (7.34)
176	95.00 - 101.00% of mass 174	81.87 (98.92)
177	5.00 - 9.00% of mass 176	5.54 (6.77)

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363113.D\8260S_4.rslt\spectra.d
Injection Date: 19-Sep-2013 03:02:30
Spectrum: Tune Spec: Scans 42-44(1.94-1.95) Bgrd 36(1.91)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 96

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1069	67.00	430	95.00	95704	148.00	228
37.00	3957	68.00	8950	96.00	6532	152.00	39
38.00	2945	69.00	9482	97.00	286	153.00	154
39.00	1613	70.00	662	103.00	148	154.00	81
40.00	19	71.00	48	104.00	359	155.00	40
41.00	59	72.00	385	105.00	143	157.00	137
44.00	200	73.00	3843	106.00	311	161.00	92
45.00	883	74.00	15040	116.00	517	172.00	217
47.00	666	75.00	48680	117.00	509	173.00	825
48.00	722	76.00	4005	118.00	417	174.00	79208
49.00	3674	77.00	558	119.00	571	175.00	5810
50.00	15603	78.00	347	127.00	75	176.00	78352
51.00	5121	79.00	2121	128.00	432	177.00	5302
52.00	113	80.00	820	129.00	412	178.00	107
55.00	311	81.00	2391	130.00	304	191.00	224
56.00	1331	82.00	474	131.00	64	195.00	49
57.00	2550	83.00	167	133.00	166	209.00	84
58.00	75	87.00	2876	137.00	164	211.00	96
59.00	166	88.00	2429	139.00	80	215.00	107
60.00	1087	89.00	54	141.00	882	230.00	54
61.00	5117	91.00	328	142.00	85	250.00	46
62.00	3664	92.00	2358	143.00	921	261.00	74
63.00	2881	93.00	3610	146.00	116	281.00	320
64.00	597	94.00	10794	147.00	220	283.00	47

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363136.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	19-Sep-2013 12:59:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	460-0004820-001		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	99
Lims Batch ID:	182221	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\8260S_4.m		
Last Update:	19-Sep-2013 22:14:12	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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:	XAWRK049		
First Level Reviewer: tupayachia		Date:	19-Sep-2013 16:03:43

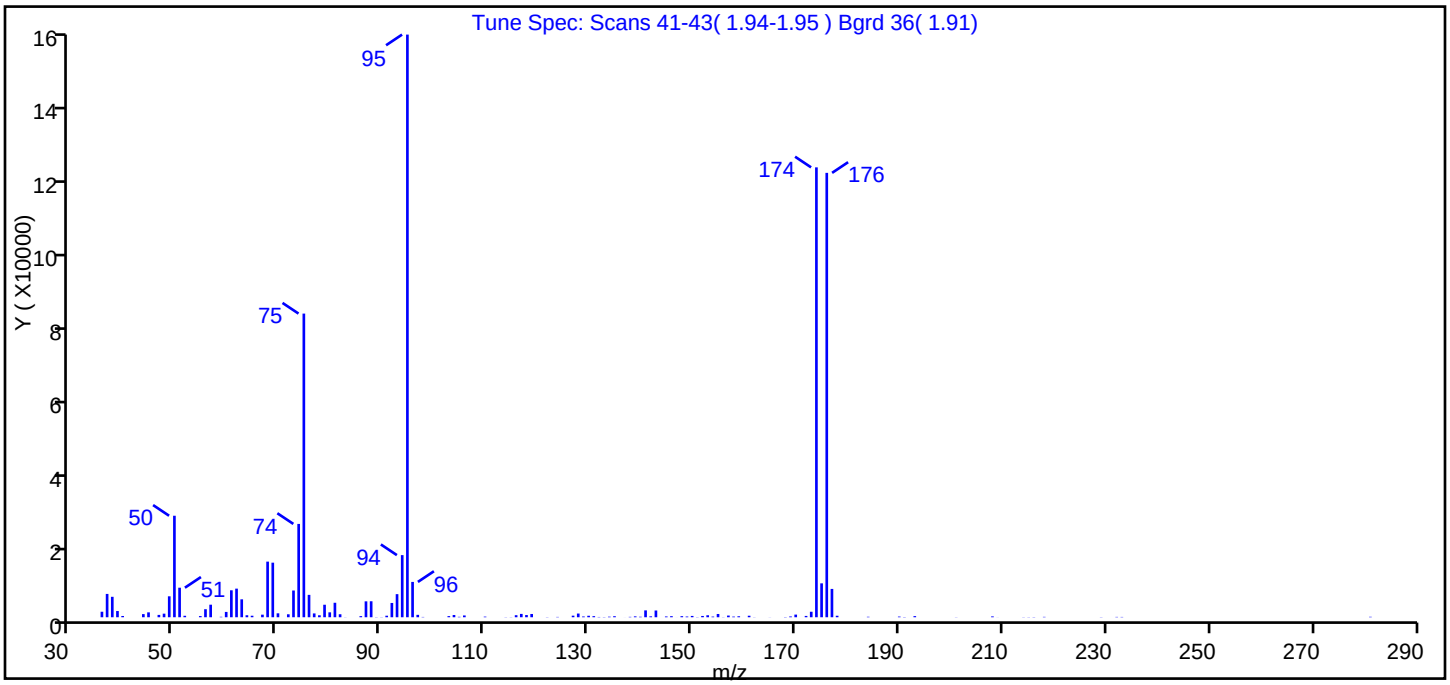
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	1.943	1.943	0.0	83	177687	0	

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363136.D		
Injection Date:	19-Sep-2013 12:59:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182221	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	17.42
75	30.00 - 60.00% of mass 95	52.12
96	5.00 - 9.00% of mass 95	6.06
173	Less than 2.00% of mass 174	0.95 (1.23)
174	Greater than 50.00% of mass 95	77.21
175	5.00 - 9.00% of mass 174	5.82 (7.54)
176	95.00 - 101.00% of mass 174	76.27 (98.78)
177	5.00 - 9.00% of mass 176	4.86 (6.37)

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363136.D\8260S_4.rslt\spectra.d
Injection Date: 19-Sep-2013 12:59:30
Spectrum: Tune Spec: Scans 41-43(1.94-1.95) Bgrd 36(1.91)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 124

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1422	76.00	5765	119.00	843	157.00	437
37.00	6006	77.00	986	122.00	44	158.00	173
38.00	5264	78.00	509	124.00	89	159.00	255
39.00	1602	79.00	3223	127.00	408	161.00	390
40.00	327	80.00	1267	128.00	956	162.00	33
44.00	811	81.00	3732	129.00	200	165.00	23
45.00	1259	82.00	773	130.00	385	168.00	63
47.00	607	83.00	28	131.00	285	169.00	204
48.00	925	86.00	291	132.00	75	170.00	684
49.00	5395	87.00	4098	133.00	55	172.00	343
50.00	26136	88.00	4118	134.00	148	173.00	1420
51.00	7609	89.00	48	135.00	266	174.00	115832
52.00	379	90.00	39	137.00	9	175.00	8731
55.00	305	91.00	396	138.00	104	176.00	114416
56.00	2071	92.00	3679	139.00	228	177.00	7294
57.00	3236	93.00	5949	140.00	129	178.00	388
59.00	118	94.00	15997	141.00	1770	184.00	126
60.00	1374	95.00	150016	142.00	236	190.00	178
61.00	6942	96.00	9098	143.00	1738	191.00	64
62.00	7368	97.00	621	145.00	207	193.00	290
63.00	4618	98.00	81	146.00	274	201.00	36
64.00	516	103.00	294	147.00	7	208.00	218
65.00	393	104.00	576	148.00	280	209.00	14
67.00	667	105.00	113	149.00	191	214.00	39
68.00	14321	106.00	465	150.00	341	215.00	42
69.00	14054	110.00	164	151.00	46	216.00	55
70.00	1015	114.00	40	152.00	333	218.00	104
72.00	765	115.00	35	153.00	512	229.00	44
73.00	6889	116.00	529	154.00	176	232.00	93
74.00	24032	117.00	863	155.00	843	233.00	84
75.00	78184	118.00	569	156.00	35	281.00	120

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363216.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	21-Sep-2013 02:44:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	460-0004869-001		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	99
Lims Batch ID:	182467	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\8260S_4.m		
Last Update:	22-Sep-2013 07:07:09	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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: tupayachia		Date:	21-Sep-2013 05:47:45

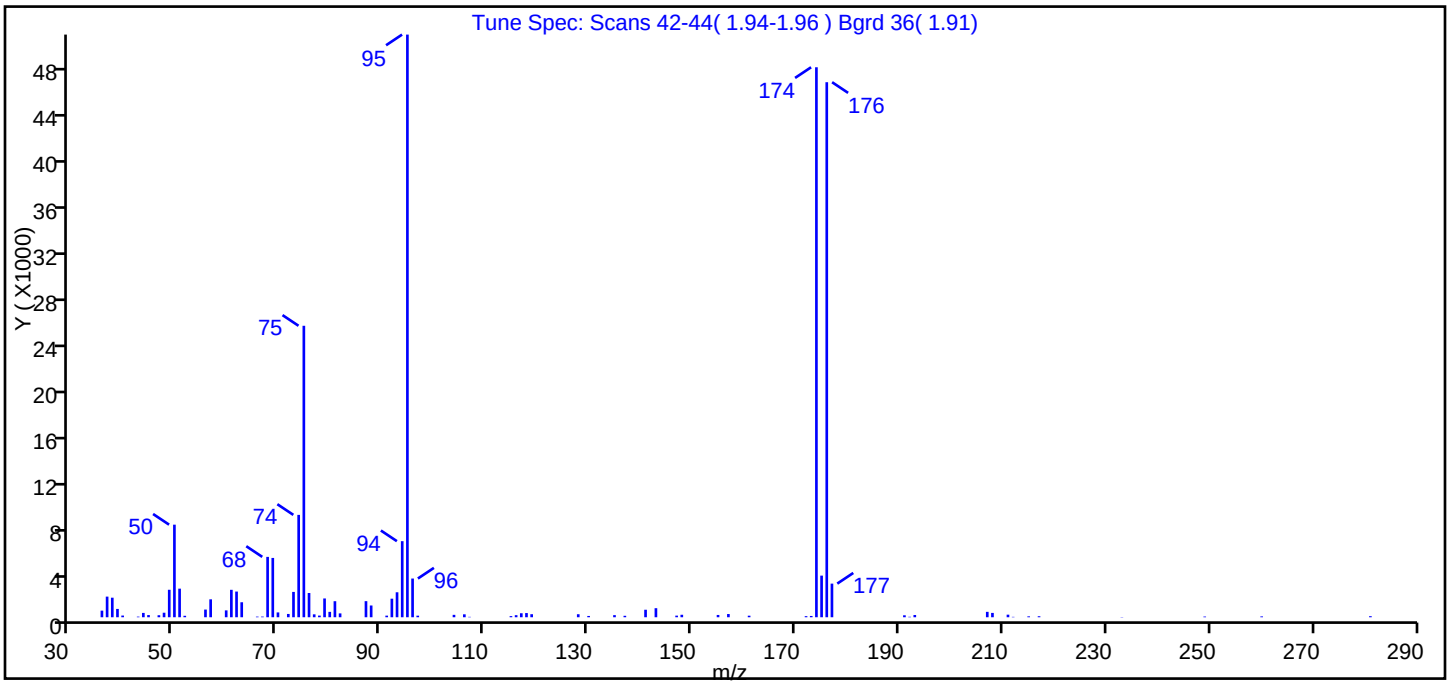
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 140 BFB	95	1.949	1.949	0.0	0	60052	0	

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363216.D		
Injection Date:	21-Sep-2013 02:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182467	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	15.89
75	30.00 - 60.00% of mass 95	50.02
96	5.00 - 9.00% of mass 95	6.65
173	Less than 2.00% of mass 174	0.22 (0.23)
174	Greater than 50.00% of mass 95	94.39
175	5.00 - 9.00% of mass 174	7.15 (7.57)
176	95.00 - 101.00% of mass 174	91.83 (97.28)
177	5.00 - 9.00% of mass 176	5.77 (6.29)

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363216.D\8260S_4.rslt\spectra.d
Injection Date: 21-Sep-2013 02:44:30
Spectrum: Tune Spec: Scans 42-44(1.94-1.96) Bgrd 36(1.91)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 83

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	570	67.00	59	95.00	50216	161.00	134
37.00	1779	68.00	5203	96.00	3337	172.00	95
38.00	1686	69.00	5113	97.00	136	173.00	111
39.00	717	70.00	416	104.00	208	174.00	47400
40.00	147	72.00	285	106.00	253	175.00	3588
43.00	55	73.00	2184	107.00	35	176.00	46112
44.00	374	74.00	8823	115.00	99	177.00	2899
45.00	188	75.00	25120	116.00	179	191.00	170
47.00	174	76.00	2090	117.00	346	192.00	40
48.00	391	77.00	252	118.00	362	193.00	193
49.00	2369	78.00	144	119.00	264	207.00	466
50.00	7980	79.00	1620	128.00	261	208.00	374
51.00	2465	80.00	465	130.00	112	211.00	223
52.00	126	81.00	1383	135.00	183	212.00	35
56.00	663	82.00	333	137.00	126	215.00	77
57.00	1546	87.00	1387	141.00	648	217.00	87
60.00	593	88.00	1014	143.00	781	233.00	22
61.00	2365	91.00	139	147.00	140	249.00	61
62.00	2215	92.00	1600	148.00	215	260.00	73
63.00	1293	93.00	2153	155.00	198	281.00	91
66.00	56	94.00	6557	157.00	278		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181887/6

Matrix: Solid Lab File ID: D363063.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2013 03:37

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.: 181887 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	1.07		1.0	0.15
67-64-1	Acetone	1.7	U	10	1.7
75-15-0	Carbon disulfide	0.15	U	1.0	0.15
75-69-4	Trichlorofluoromethane	0.16	U	1.0	0.16
75-35-4	1,1-Dichloroethene	0.19	U	1.0	0.19
75-34-3	1,1-Dichloroethane	0.11	U	1.0	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	1.0	0.11
67-66-3	Chloroform	0.24	U	1.0	0.24
78-93-3	2-Butanone	0.63	U	10	0.63
107-06-2	1,2-Dichloroethane	0.18	U	1.0	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	1.0	0.13
56-23-5	Carbon tetrachloride	0.15	U	1.0	0.15
71-43-2	Benzene	0.15	U	1.0	0.15
75-25-2	Bromoform	0.17	U	1.0	0.17
100-42-5	Styrene	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.17	U	1.0	0.17
108-90-7	Chlorobenzene	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.13	U	1.0	0.13
98-82-8	Isopropylbenzene	0.11	U	1.0	0.11
591-78-6	2-Hexanone	0.13	U	10	0.13
1634-04-4	MTBE	0.11	U	1.0	0.11
76-13-1	Freon TF	0.11	U	1.0	0.11
79-20-9	Methyl acetate	0.32	U	1.0	0.32
123-91-1	1,4-Dioxane	13	U	50	13
79-01-6	Trichloroethene	0.12	U	1.0	0.12
108-88-3	Toluene	0.14	U	1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	0.20	U	10	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	1.0	0.14
95-50-1	1,2-Dichlorobenzene	0.10	U	1.0	0.10
541-73-1	1,3-Dichlorobenzene	0.16	U	1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181887/6

Matrix: Solid | Lab File ID: D363063.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/18/2013 03:37

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.: 181887 | 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)	121		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	118		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181887/6

Matrix: Solid Lab File ID: D363063.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2013 03:37

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.: 181887 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\CVOAMS4\20130918-4749.b\D363063.D		
Lims ID:	MB	Client ID:	
Inject. Date:	18-Sep-2013 03:37:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	MB		
Misc. Info.:	460-0004749-006		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	5
Lims Batch ID:	181887	Lims Sample ID:	6
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\8260S_4.m		
Last Update:	18-Sep-2013 13:47:55	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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		
First Level Reviewer: baronm		Date:	18-Sep-2013 13:47:33

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
25 Methylene Chloride	84	2.392	2.377	0.015	50	3507	1.07	
* 151 TBA-d9 (IS)	65	2.652	2.633	0.019	70	246247	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.721	3.716	0.005	93	156573	59.2	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.174	4.164	0.010	96	169978	60.5	
* 59 Fluorobenzene	96	4.434	4.429	0.005	99	450885	50.0	
* 150 1,4-Dioxane-d8	96	5.401	5.387	0.014	1	20828	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.100	6.100	0.0	98	534726	47.9	
* 87 Chlorobenzene-d5	117	7.795	7.795	0.0	84	420516	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	94	188562	49.3	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	96	247247	50.0	

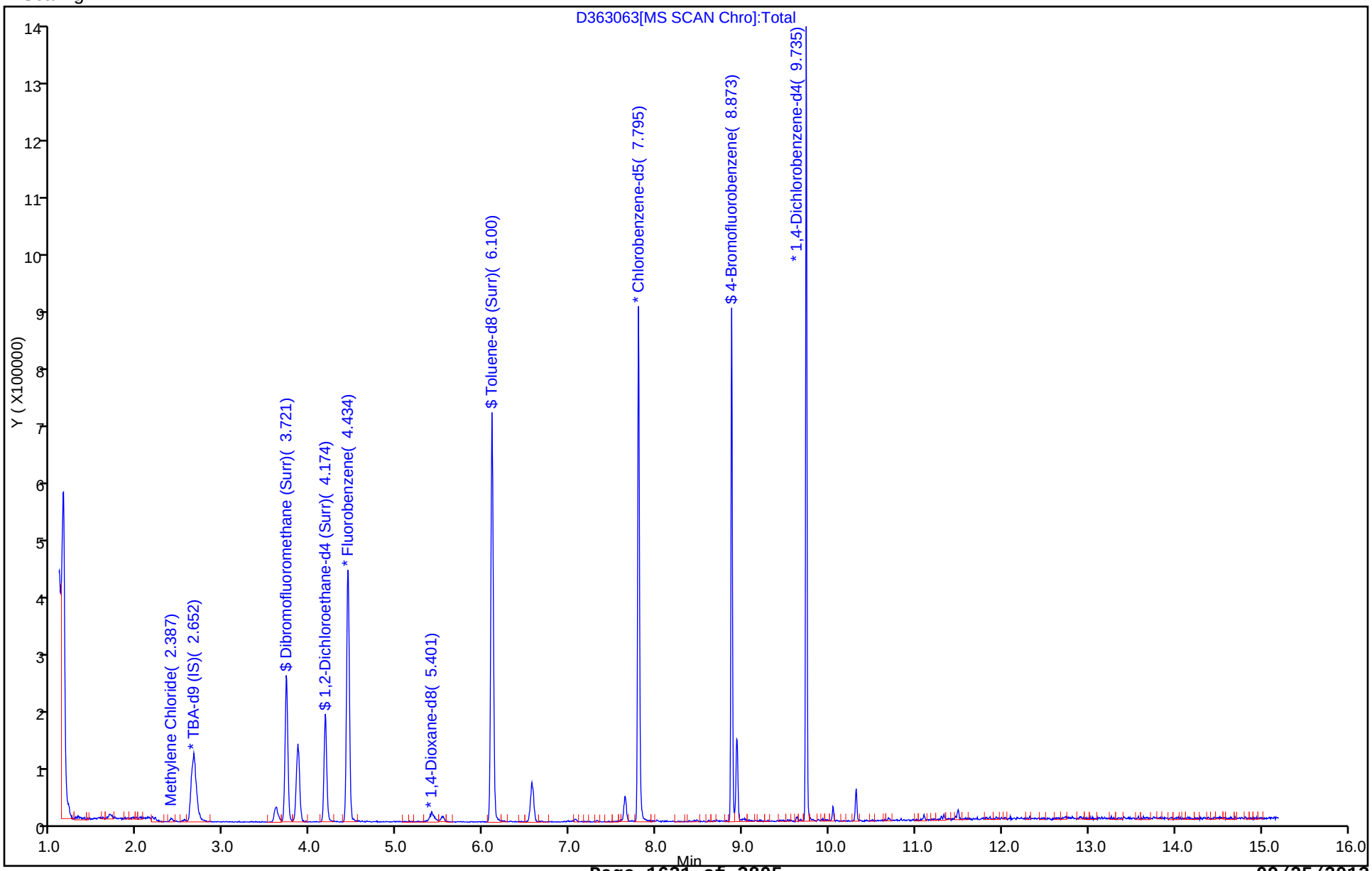
Report Date: 18-Sep-2013 13:48:02 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363063.D

Injection Date:	18-Sep-2013 03:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	181887	Lims Sample ID:	6
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



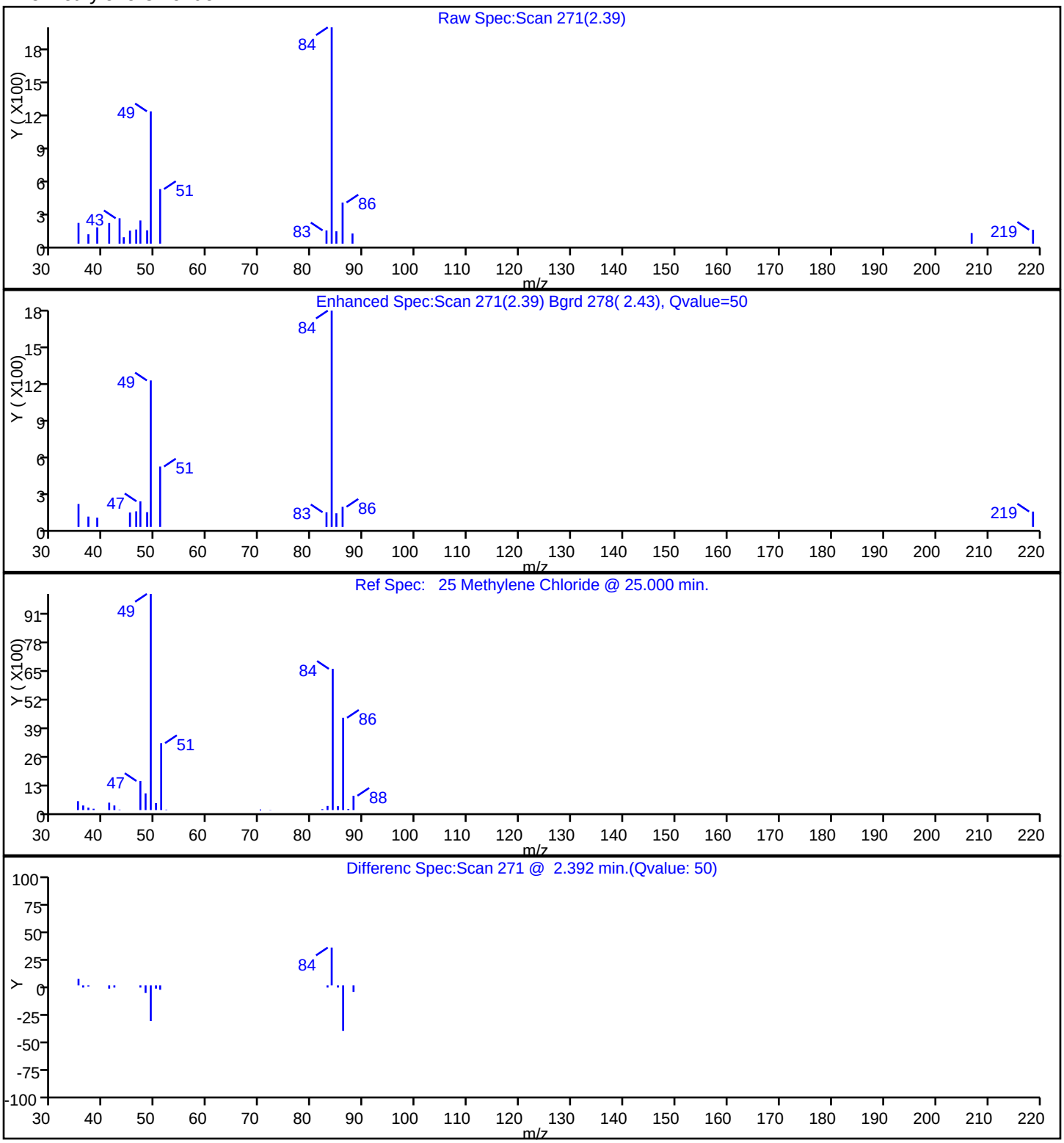
Report Date: 18-Sep-2013 13:48:02 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363063.D

Injection Date:	18-Sep-2013 03:37:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	181887	Lims Sample ID:	6
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

25 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-182028/8

Matrix: Solid Lab File ID: D363093.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2013 16:50

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.: 182028 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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-182028/8

Matrix: Solid | Lab File ID: D363093.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/18/2013 16:50

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.: 182028 | 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)	125		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	98		70-130
1868-53-7	Dibromofluoromethane (Surr)	123		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-182028/8

Matrix: Solid Lab File ID: D363093.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2013 16:50

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.: 182028 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\CVOAMS4\20130918-4780.b\D363093.D		
Lims ID:	MB	Client ID:	
Inject. Date:	18-Sep-2013 16:50:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	MB		
Misc. Info.:	460-0004780-008		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	7
Lims Batch ID:	182028	Lims Sample ID:	8
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\8260S_4.m		
Last Update:	20-Sep-2013 10:00:34	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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 10:00:34

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.647	2.652	-0.005	68	208159	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.721	3.721	0.0	92	150573	61.5	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.174	4.164	0.010	94	162194	62.3	
* 59 Fluorobenzene	96	4.434	4.429	0.005	98	417724	50.0	
* 150 1,4-Dioxane-d8	96	5.406	5.406	0.0	1	18429	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.100	6.100	0.0	98	521960	49.5	
* 87 Chlorobenzene-d5	117	7.795	7.795	0.0	83	397163	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	92	175958	49.2	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	95	230813	50.0	

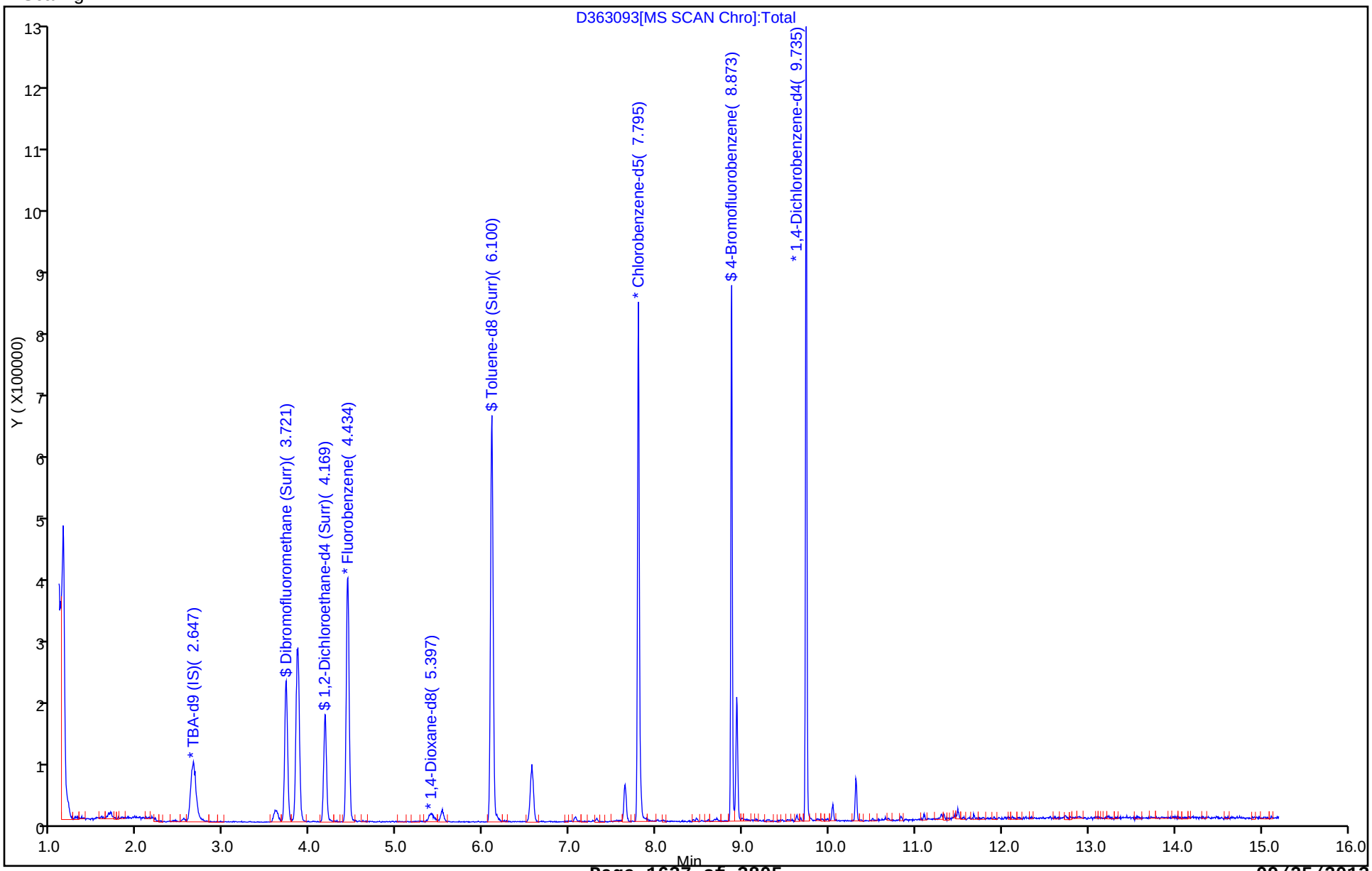
Report Date: 20-Sep-2013 10:00:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363093.D

Injection Date:	18-Sep-2013 16:50:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182028	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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-182051/6

Matrix: Water Lab File ID: P75170.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2013 20:15

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.: 182051 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	5.0	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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-182051/6

Matrix: Water | Lab File ID: P75170.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/18/2013 20:15

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.: 182051 | 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)	112		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	93		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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-182051/6

Matrix: Water Lab File ID: P75170.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2013 20:15

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.: 182051 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\CVOAMS13\20130918-4784.b\P75170.D		
Lims ID:	MB	Client ID:	
Inject. Date:	18-Sep-2013 20:15:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	MB		
Misc. Info.:	460-0004784-006		
Operator:		Instrument ID:	CVOAMS13
Purge Vol:	5.000 mL	ALS Bottle#:	5
Lims Batch ID:	182051	Lims Sample ID:	6
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS13\20130918-4784.b\8260W_13.m		
Last Update:	20-Sep-2013 11:59:00	Calib Date:	15-Aug-2013 11:42:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS13\20130815-3604.b\P73666.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 11:59:00

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.312	2.306	0.006	98	411541	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.355	3.349	0.006	94	93098	52.2	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.782	3.781	0.001	89	142542	55.9	
* 59 Fluorobenzene	96	4.032	4.031	0.001	96	473235	50.0	
* 150 1,4-Dioxane-d8	96	4.952	4.946	0.006	81	34222	1000.0	
$ 76 Toluene-d8 (Surr)	98	5.641	5.641	0.0	97	411088	50.5	
* 87 Chlorobenzene-d5	117	7.567	7.567	0.0	90	357329	50.0	
$ 99 4-Bromofluorobenzene	174	9.366	9.366	0.0	81	118598	46.4	
* 116 1,4-Dichlorobenzene-d4	152	11.146	11.152	-0.006	97	188357	50.0	

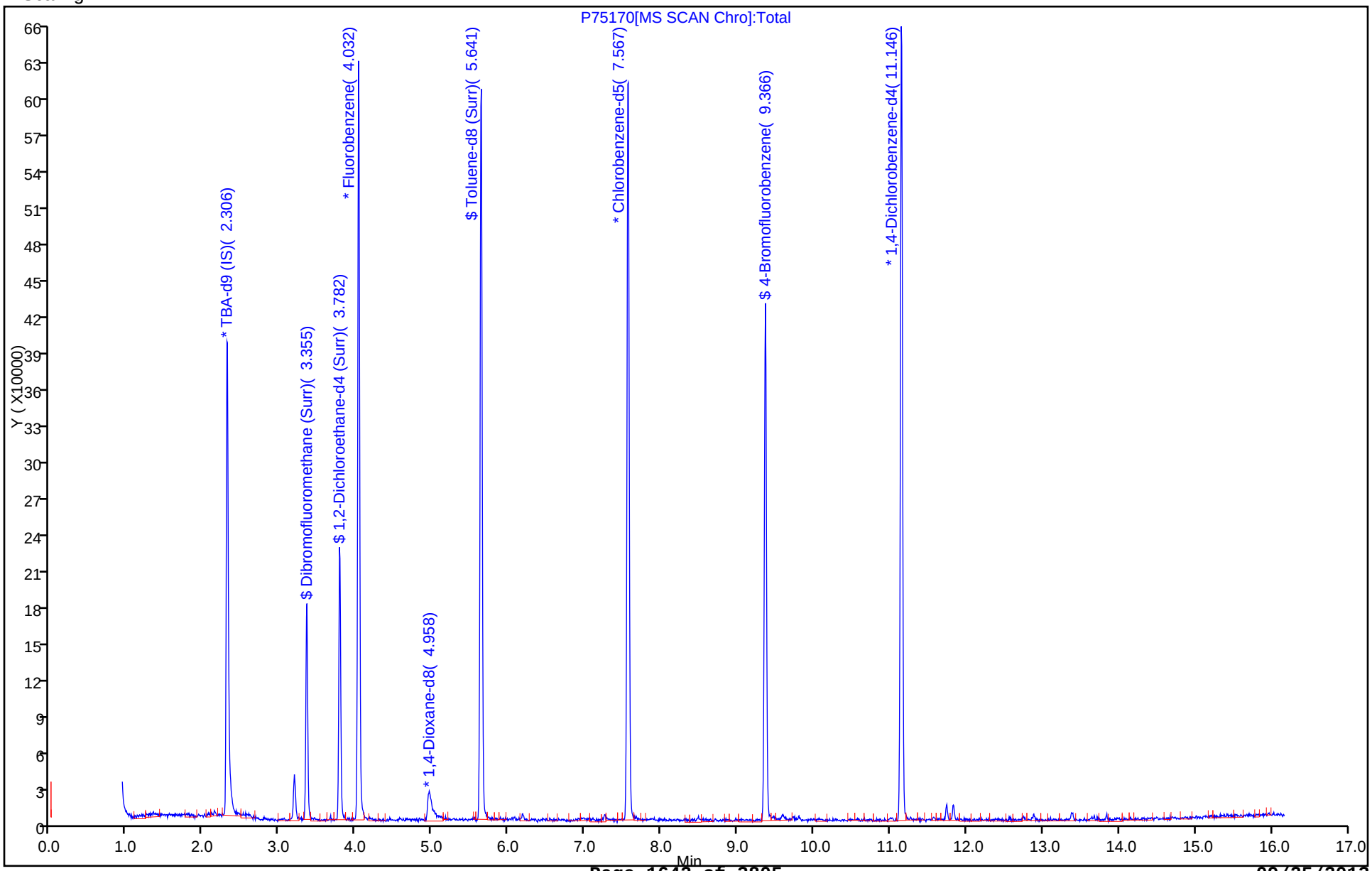
Report Date: 20-Sep-2013 11:59:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS13\20130918-4784.b\P75170.D

Injection Date:	18-Sep-2013 20:15:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS13
Lims Batch ID:	182051	Lims Sample ID:	6
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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-182063/5

Matrix: Solid | Lab File ID: B60641.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/18/2013 23:40

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.: 182063 | 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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-182063/5

Matrix: Solid | Lab File ID: B60641.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/18/2013 23:40

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.: 182063 | 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)	99		75-135
2037-26-5	Toluene-d8 (Surr)	97		59-150
460-00-4	Bromofluorobenzene	93		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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-182063/5

Matrix: Solid Lab File ID: B60641.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2013 23:40

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.: 182063 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\20130918-4786.b\B60641.D		
Lims ID:	MB	Client ID:	
Inject. Date:	18-Sep-2013 23:40:30	Dil. Factor:	50.0000
Sample Type:	MB		
Sample ID:	MB		
Misc. Info.:	460-0004786-005		
Operator:		Instrument ID:	CVOAMS2
Purge Vol:	5.000 mL	ALS Bottle#:	4
Lims Batch ID:	182063	Lims Sample ID:	5
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\8260W_2.m		
Last Update:	19-Sep-2013 14:36:29	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: baronm		Date:	19-Sep-2013 14:57:56

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	2.789	2.789	0.0	55	341036	1000.0	
$ 57 Dibromofluoromethane (Surr)	113	4.484	4.484	0.0	98	187820	47.9	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.879	4.879	0.0	90	287858	49.4	
* 58 Fluorobenzene	96	5.208	5.208	0.0	96	628051	50.0	
* 65 1,4-Dioxane-d8	96	6.064	6.073	-0.009	91	38761	1000.0	
$ 76 Toluene-d8 (Surr)	98	7.200	7.200	0.0	97	629625	48.5	
* 87 Chlorobenzene-d5	117	8.764	8.764	0.0	89	519488	50.0	
$ 97 4-Bromofluorobenzene	174	9.858	9.850	0.008	94	237093	46.4	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	96	302537	50.0	

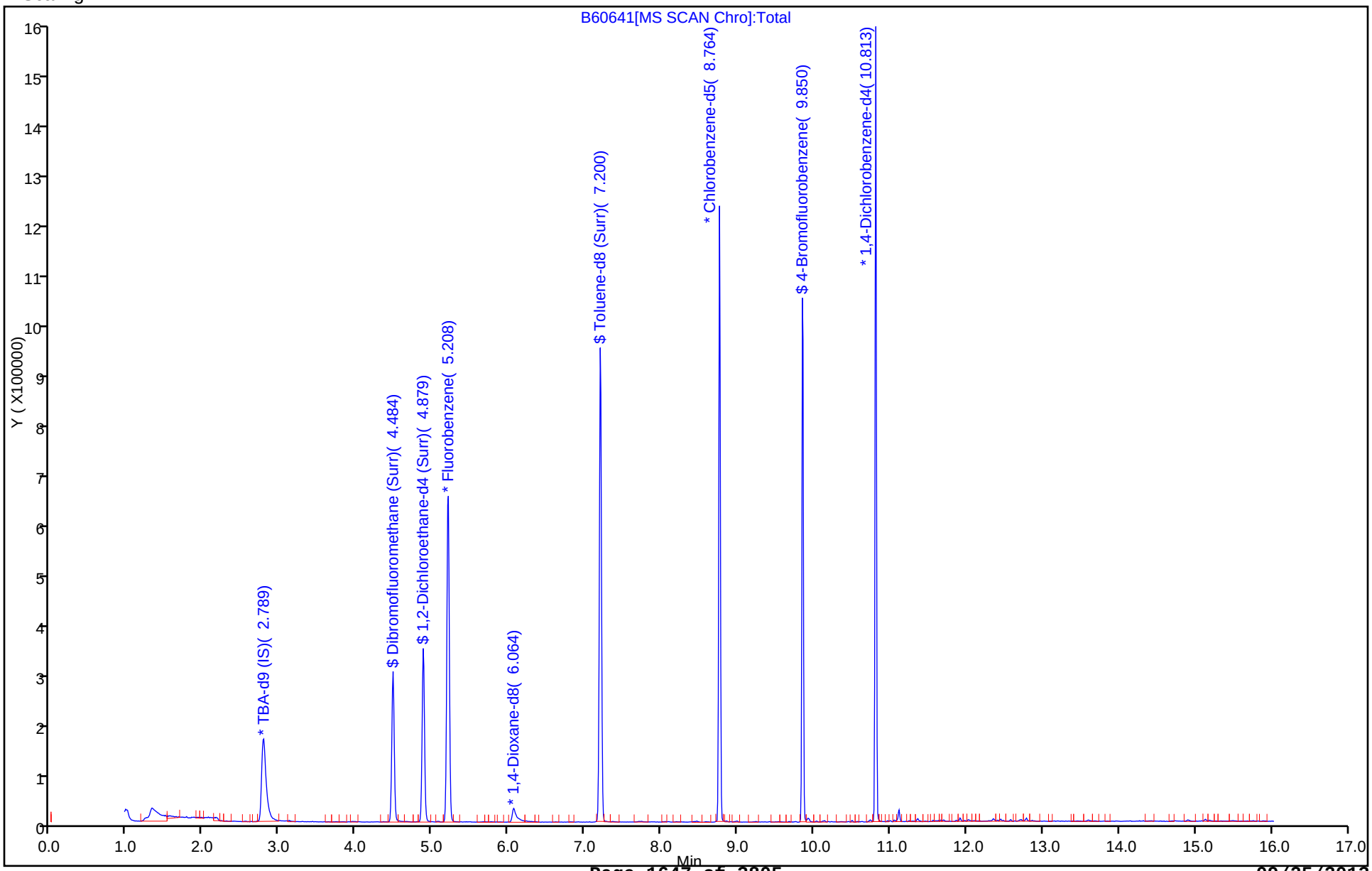
Report Date: 19-Sep-2013 14:57:57 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60641.D

Injection Date:	18-Sep-2013 23:40:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS2
Lims Batch ID:	182063	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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-182082/7

Matrix: Solid Lab File ID: D363119.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/19/2013 06:25

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.: 182082 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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-182082/7

Matrix: Solid | Lab File ID: D363119.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/19/2013 06:25

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.: 182082 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
460-00-4	Bromofluorobenzene	104		70-130
1868-53-7	Dibromofluoromethane (Surr)	91		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-182082/7

Matrix: Solid Lab File ID: D363119.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/19/2013 06:25

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.: 182082 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\CVOAMS4\20130919-4794.b\D363119.D		
Lims ID:	MB	Client ID:	
Inject. Date:	19-Sep-2013 06:25:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	MB		
Misc. Info.:	460-0004794-007		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	6
Lims Batch ID:	182082	Lims Sample ID:	7
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\8260S_4.m		
Last Update:	20-Sep-2013 08:11:45	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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 08:11:45

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.657	2.652	0.005	62	217151	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.731	3.721	0.010	94	182041	45.5	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.178	4.169	0.009	96	190520	44.8	
* 59 Fluorobenzene	96	4.438	4.429	0.009	98	682784	50.0	
* 150 1,4-Dioxane-d8	96	5.401	5.406	-0.005	1	19451	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.105	6.104	0.001	97	682975	52.5	
* 87 Chlorobenzene-d5	117	7.795	7.795	0.0	85	490400	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	89	222942	52.1	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	96	276437	50.0	

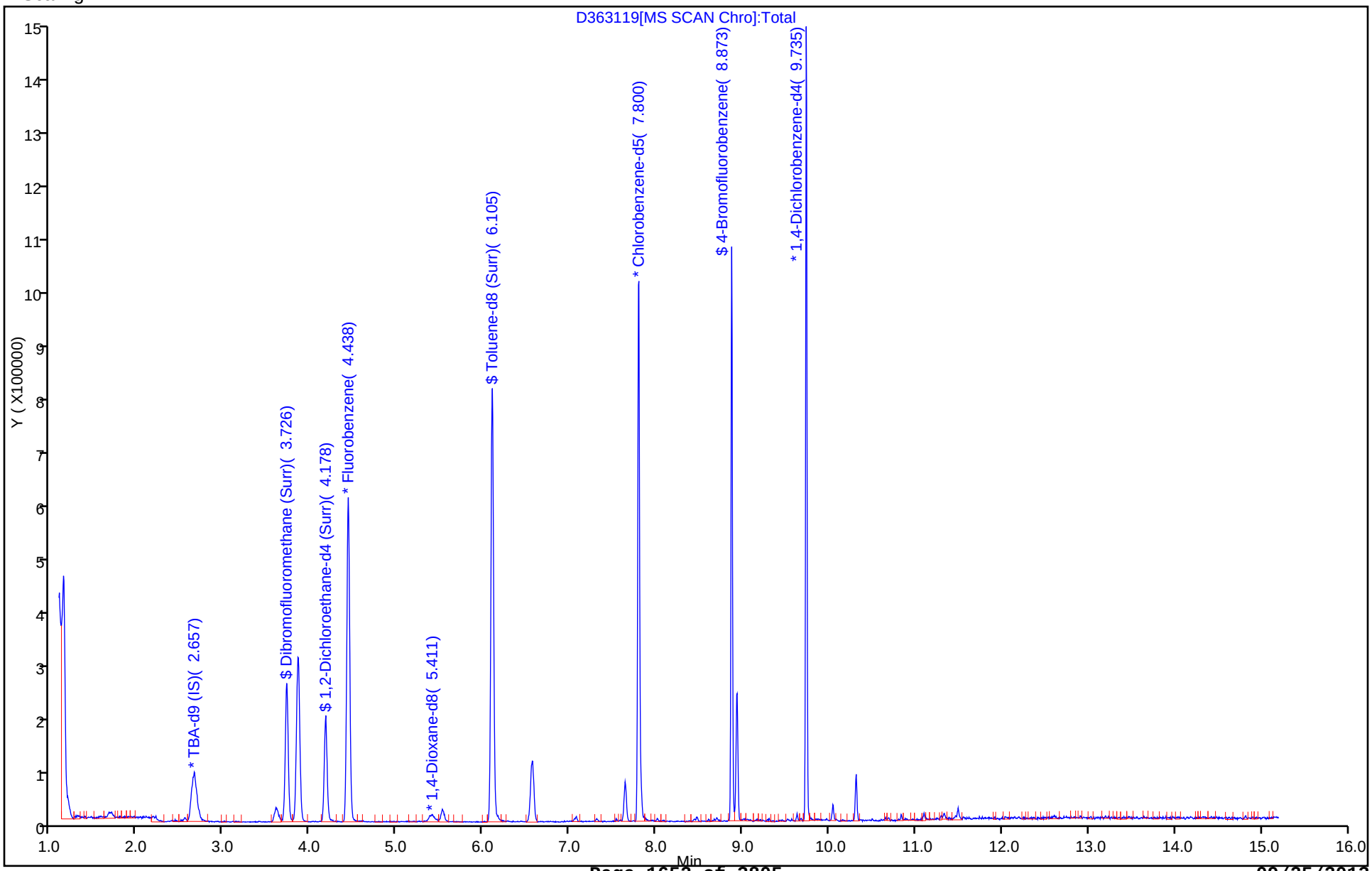
Report Date: 20-Sep-2013 08:11:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363119.D

Injection Date:	19-Sep-2013 06:25:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182082	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.: 460-62968-1

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	100	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.: 460-62968-1

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.: 460-62968-1

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	

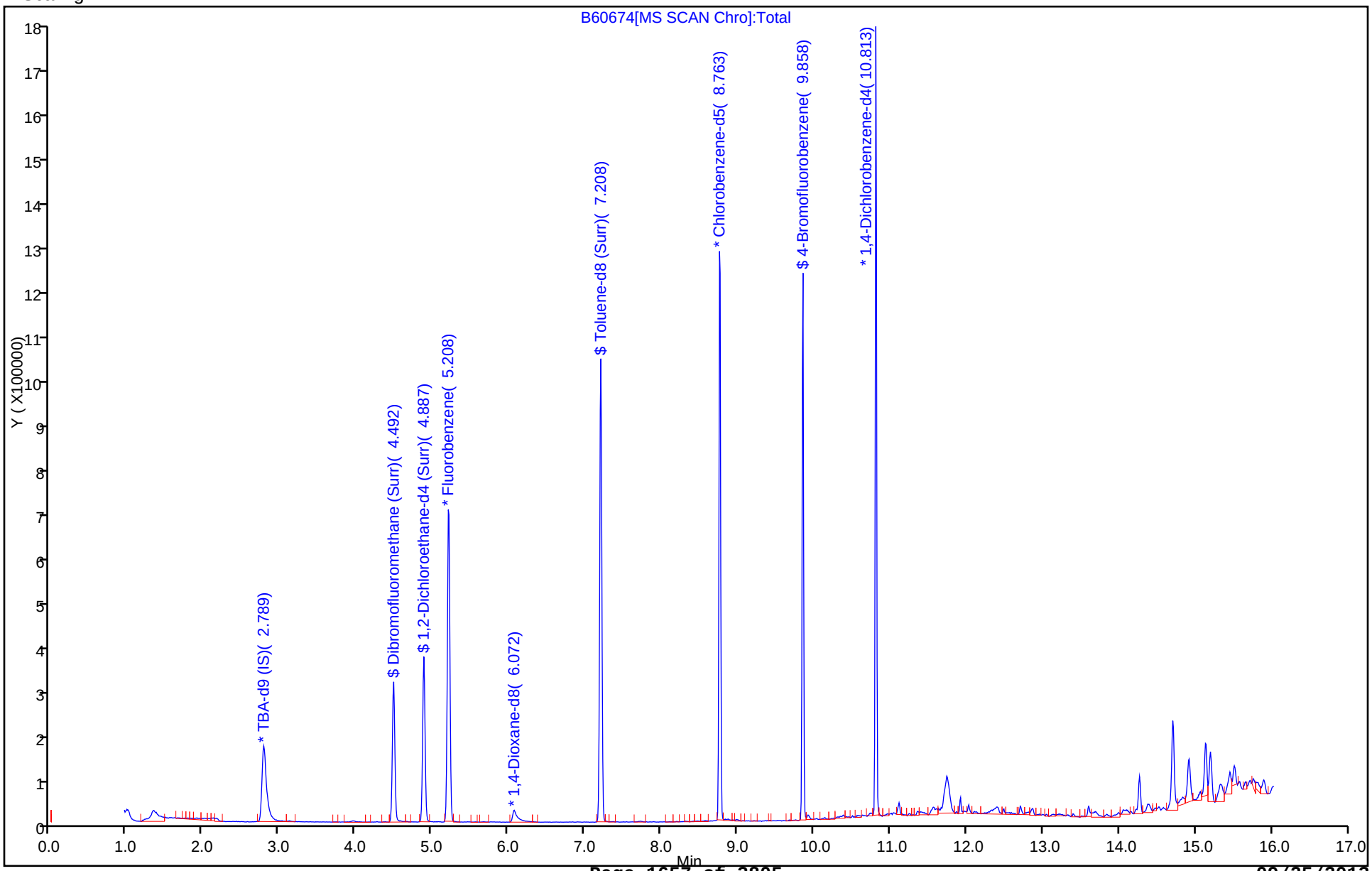
Report Date: 19-Sep-2013 18:54:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-182221/5

Matrix: Solid Lab File ID: D363140.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/19/2013 14:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182221 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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-182221/5

Matrix: Solid | Lab File ID: D363140.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/19/2013 14:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 182221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	103		70-130
460-00-4	Bromofluorobenzene	107		70-130
1868-53-7	Dibromofluoromethane (Surr)	95		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-182221/5

Matrix: Solid Lab File ID: D363140.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/19/2013 14:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182221 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\CVOAMS4\20130919-4820.b\D363140.D		
Lims ID:	MB	Client ID:	
Inject. Date:	19-Sep-2013 14:46:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	MB		
Misc. Info.:	460-0004820-005		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	4
Lims Batch ID:	182221	Lims Sample ID:	5
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\8260S_4.m		
Last Update:	20-Sep-2013 08:19:30	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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 08:19:30

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.647	2.647	0.0	63	253143	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.716	3.721	-0.005	95	183703	47.4	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.164	4.173	-0.009	94	192554	46.7	
* 59 Fluorobenzene	96	4.429	4.433	-0.004	98	660978	50.0	
* 150 1,4-Dioxane-d8	96	5.426	5.406	0.020	1	21255	1000.0	M
$ 76 Toluene-d8 (Surr)	98	6.095	6.104	-0.009	99	684299	51.6	
* 87 Chlorobenzene-d5	117	7.790	7.794	-0.004	85	499874	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	93	231869	53.4	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	95	280684	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

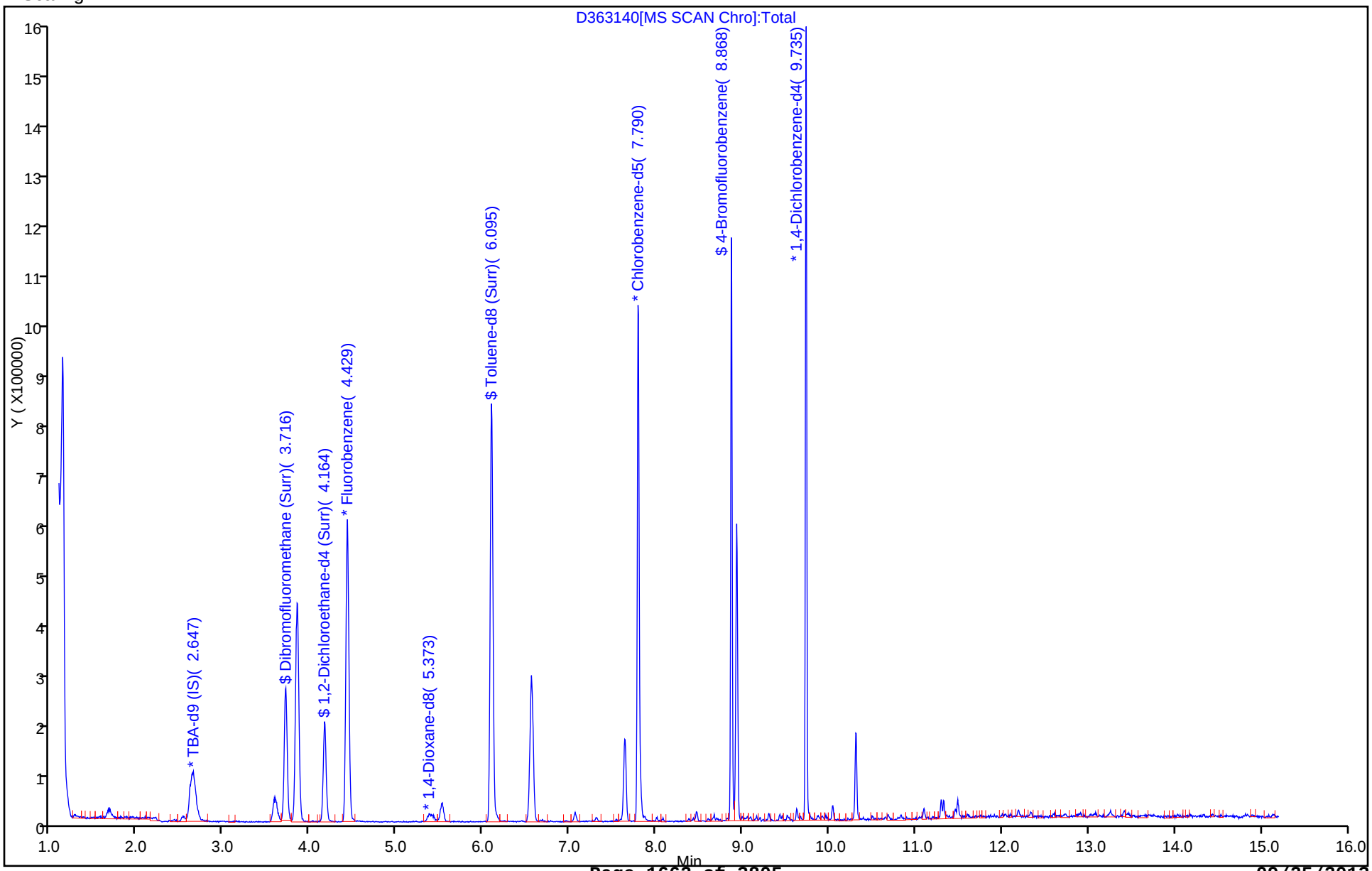
Report Date: 20-Sep-2013 08:19:30 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363140.D

Injection Date:	19-Sep-2013 14:46:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182221	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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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	

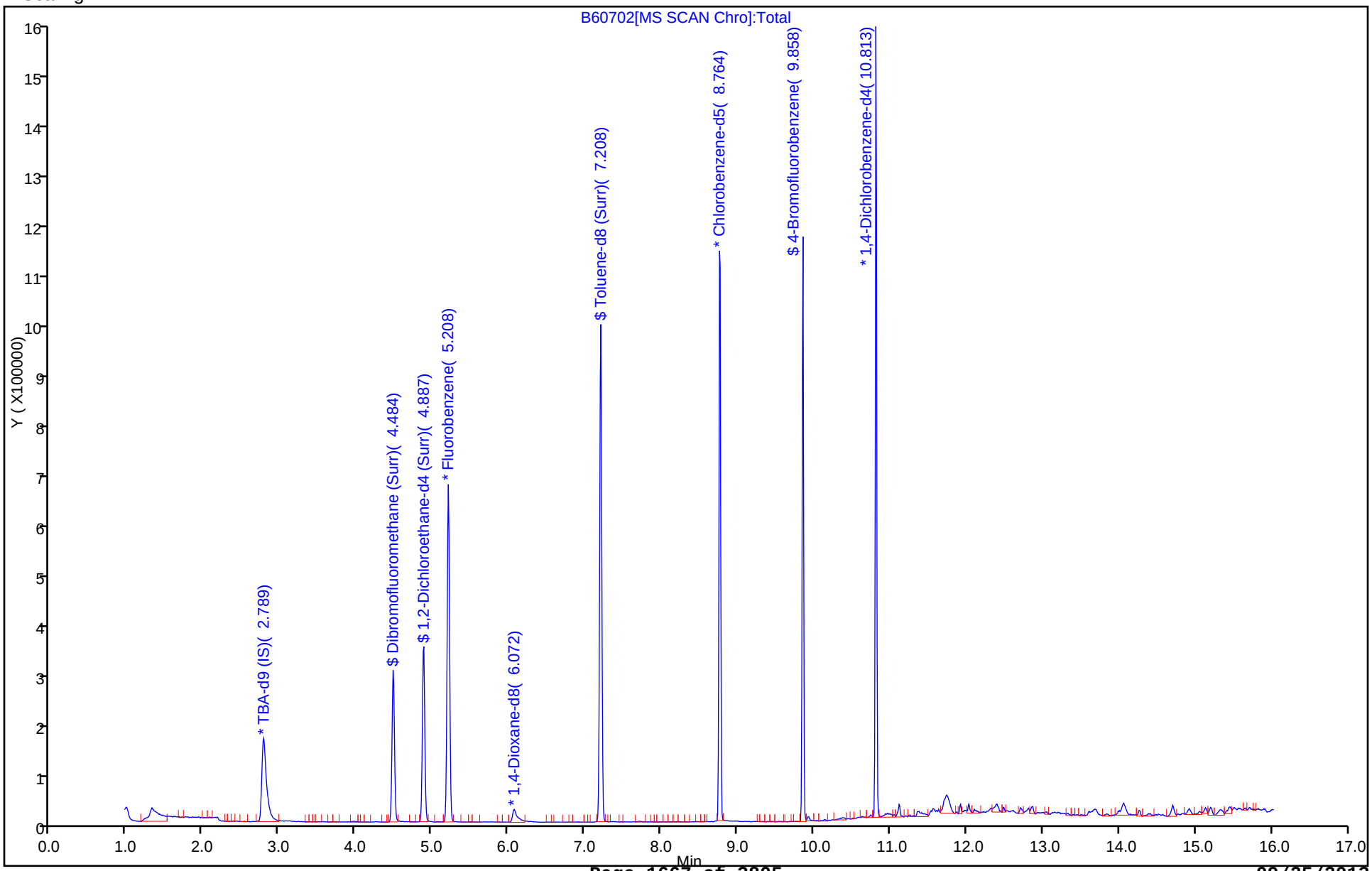
Report Date: 20-Sep-2013 11:00:52 Chrom Revision: 2.1 25-Jul-2013 20:19:50

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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-182467/8

Matrix: Solid Lab File ID: D363223.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/21/2013 06:08

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.: 182467 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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-182467/8

Matrix: Solid | Lab File ID: D363223.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/21/2013 06:08

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.: 182467 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	0.19	U	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.16	U	1.0	0.16
78-87-5	1,2-Dichloropropane	0.15	U	1.0	0.15
108-87-2	Methylcyclohexane	0.10	U	1.0	0.10
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.67	U	3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.090	U	1.0	0.090
79-00-5	1,1,2-Trichloroethane	0.14	U	1.0	0.14
124-48-1	Dibromochloromethane	0.10	U	1.0	0.10
106-93-4	1,2-Dibromoethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.11	U	1.0	0.11
75-27-4	Bromodichloromethane	0.32	U	1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	106		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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-182467/8

Matrix: Solid Lab File ID: D363223.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/21/2013 06:08

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.: 182467 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\CVOAMS4\20130921-4869.b\D363223.D		
Lims ID:	MB	Client ID:	
Inject. Date:	21-Sep-2013 06:08:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	MB		
Misc. Info.:	460-0004869-008		
Operator:		Instrument ID:	CVOAMS4
Purge Vol:	5.000 mL	ALS Bottle#:	7
Lims Batch ID:	182467	Lims Sample ID:	8
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\8260S_4.m		
Last Update:	22-Sep-2013 07:15:23	Calib Date:	05-Sep-2013 06:32:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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:	XAWRK048		
First Level Reviewer: delpolitov		Date:	22-Sep-2013 10:28:20

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	2.657	2.647	0.010	60	206640	1000.0	
$ 152 Dibromofluoromethane (Surr)	113	3.726	3.726	0.0	92	169070	53.1	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.178	4.178	0.0	95	164734	48.7	
* 59 Fluorobenzene	96	4.438	4.438	0.0	99	542466	50.0	
* 150 1,4-Dioxane-d8	96	5.401	5.416	-0.015	1	19901	1000.0	
$ 76 Toluene-d8 (Surr)	98	6.104	6.104	0.0	97	565843	49.4	
* 87 Chlorobenzene-d5	117	7.799	7.799	0.0	84	431851	50.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	95	218686	53.2	
* 116 1,4-Dichlorobenzene-d4	152	9.740	9.735	0.005	95	265508	50.0	

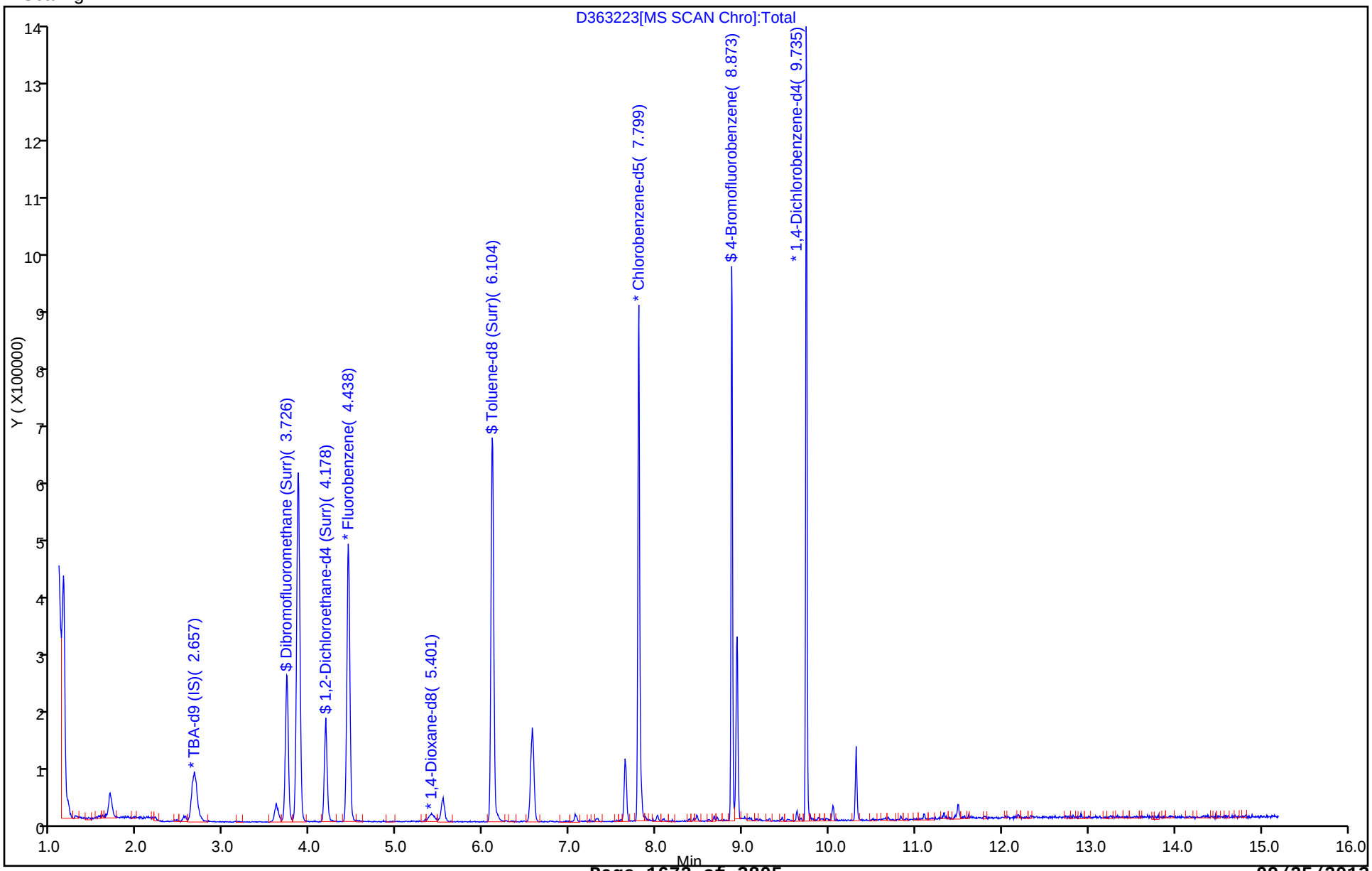
Report Date: 22-Sep-2013 10:28:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363223.D

Injection Date:	21-Sep-2013 06:08:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182467	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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181887/3

Matrix: Solid Lab File ID: D363060.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2013 02:12

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.: 181887 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	22.1		1.0	0.16
74-83-9	Bromomethane	25.4		1.0	0.43
75-01-4	Vinyl chloride	22.3		1.0	0.34
75-00-3	Chloroethane	23.8		1.0	0.33
75-09-2	Methylene Chloride	20.3		1.0	0.15
67-64-1	Acetone	112		10	1.7
75-15-0	Carbon disulfide	22.7		1.0	0.15
75-69-4	Trichlorofluoromethane	24.0		1.0	0.16
75-35-4	1,1-Dichloroethene	23.0		1.0	0.19
75-34-3	1,1-Dichloroethane	20.6		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	21.0		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	20.7		1.0	0.11
67-66-3	Chloroform	19.9		1.0	0.24
78-93-3	2-Butanone	80.3		10	0.63
107-06-2	1,2-Dichloroethane	19.5		1.0	0.18
71-55-6	1,1,1-Trichloroethane	22.1		1.0	0.13
56-23-5	Carbon tetrachloride	22.5		1.0	0.15
71-43-2	Benzene	18.1		1.0	0.15
75-25-2	Bromoform	18.7		1.0	0.17
100-42-5	Styrene	18.1		1.0	0.28
100-41-4	Ethylbenzene	18.4		1.0	0.17
108-90-7	Chlorobenzene	17.6		1.0	0.18
110-82-7	Cyclohexane	20.3		1.0	0.13
98-82-8	Isopropylbenzene	19.0		1.0	0.11
591-78-6	2-Hexanone	81.5		10	0.13
1634-04-4	MTBE	21.4		1.0	0.11
76-13-1	Freon TF	24.1		1.0	0.11
79-20-9	Methyl acetate	101		1.0	0.32
123-91-1	1,4-Dioxane	323		50	13
79-01-6	Trichloroethene	21.4		1.0	0.12
108-88-3	Toluene	17.1		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	18.4		1.0	0.10
108-10-1	4-Methyl-2-pentanone	89.4		10	0.20
10061-01-5	cis-1,3-Dichloropropene	16.3		1.0	0.14
95-50-1	1,2-Dichlorobenzene	18.2		1.0	0.10
541-73-1	1,3-Dichlorobenzene	17.4		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181887/3

Matrix: Solid Lab File ID: D363060.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2013 02:12

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.: 181887 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	17.4		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	18.7		1.0	0.16
78-87-5	1,2-Dichloropropane	19.4		1.0	0.15
108-87-2	Methylcyclohexane	20.7		1.0	0.10
127-18-4	Tetrachloroethene	19.3		1.0	0.12
1330-20-7	Xylenes, Total	36.5		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	16.4		1.0	0.090
79-00-5	1,1,2-Trichloroethane	17.8		1.0	0.14
124-48-1	Dibromochloromethane	17.3		1.0	0.10
106-93-4	1,2-Dibromoethane	16.5		1.0	0.15
75-71-8	Dichlorodifluoromethane	23.0		1.0	0.22
74-97-5	Bromochloromethane	22.1		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)	107		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	97		70-130
1868-53-7	Dibromofluoromethane (Surr)	111		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363060.D
Lims ID: LCS Client ID:
Inject. Date: 18-Sep-2013 02:12:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: LCS
Misc. Info.: 460-0004749-003
Operator: Instrument ID: CVOAMS4
Purge Vol: 5.000 mL ALS Bottle#: 2
Lims Batch ID: 181887 Lims Sample ID: 3
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\8260S_4.m
Last Update: 18-Sep-2013 13:47:55 Calib Date: 05-Sep-2013 06:32:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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

First Level Reviewer: tupayachia Date: 18-Sep-2013 05:32:01

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.193	1.193	0.0	88	190806	23.0	
2 Chloromethane	50	1.279	1.279	0.0	74	86701	22.1	
149 Butadiene	54	1.328	1.328	0.0	90	80775	24.3	
4 Vinyl chloride	62	1.342	1.342	0.0	81	97273	22.3	
6 Bromomethane	94	1.540	1.540	0.0	91	84428	25.4	
7 Chloroethane	64	1.602	1.602	0.0	89	56323	23.8	
8 Trichlorofluoromethane	101	1.694	1.694	0.0	82	245736	24.0	
9 Dichlorofluoromethane	67	1.732	1.732	0.0	89	193677	24.2	
14 2-Methyl-1,3-butadiene	67	1.853	1.853	0.0	97	114289	23.2	
13 Ethyl ether	59	1.867	1.867	0.0	58	37630	23.3	
18 1,1-Dichloroethene	96	1.992	1.992	0.0	86	80327	23.0	
21 Carbon disulfide	76	2.007	2.007	0.0	99	259088	22.7	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.064	2.064	0.0	92	119137	24.1	
20 Iodomethane	142	2.079	2.079	0.0	95	157634	23.2	
22 Cyclopentene	67	2.185	2.185	0.0	92	215731	24.2	
17 Acrolein	56	2.214	2.214	0.0	12	13422	137.2	
147 3-Chloro-1-propene	76	2.305	2.305	0.0	68	38321	20.5	
34 Isopropyl alcohol	45	2.377	2.377	0.0	27	22368	195.6	
25 Methylene Chloride	84	2.377	2.377	0.0	79	69925	20.3	
19 Acetone	43	2.426	2.426	0.0	68	63182	112.2	
29 trans-1,2-Dichloroethene	96	2.483	2.483	0.0	83	87866	21.0	
23 Methyl acetate	43	2.507	2.507	0.0	93	161435	101.1	
32 Hexane	57	2.546	2.546	0.0	79	114565	21.1	
27 Methyl tert-butyl ether	73	2.604	2.604	0.0	91	184678	21.4	
* 151 TBA-d9 (IS)	65	2.633	2.633	0.0	73	198491	1000.0	
26 2-Methyl-2-propanol	59	2.710	2.710	0.0	91	51616	165.5	
24 Acetonitrile	41	2.748	2.748	0.0	88	18138	157.2	M
35 Isopropyl ether	45	2.864	2.864	0.0	85	132709	20.4	
33 2-Chloro-1,3-butadiene	88	2.902	2.902	0.0	84	71402	21.4	
36 1,1-Dichloroethane	63	2.917	2.917	0.0	90	115845	20.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Acrylonitrile	53	2.974	2.974	0.0	87	82109	191.2	
40 Tert-butyl ethyl ether	59	3.124	3.124	0.0	86	185185	21.1	
38 Allyl alcohol	57	3.133	3.133	0.0	47	50259	440.9	
37 Vinyl acetate	43	3.138	3.138	0.0	87	109341	41.0	
42 cis-1,2-Dichloroethene	96	3.336	3.336	0.0	90	78261	20.7	
41 2,2-Dichloropropane	77	3.437	3.437	0.0	86	175370	22.9	
49 Cyclohexane	56	3.495	3.495	0.0	80	111932	20.3	
46 Chlorobromomethane	128	3.499	3.499	0.0	74	38783	22.1	
47 Chloroform	83	3.567	3.567	0.0	90	142640	19.9	
51 Carbon tetrachloride	117	3.668	3.668	0.0	89	204153	22.5	
44 Ethyl acetate	70	3.687	3.687	0.0	34	6789	31.8	
45 Tetrahydrofuran	42	3.692	3.692	0.0	39	16712	38.4	
$ 152 Dibromofluoromethane (Surr)	113	3.716	3.716	0.0	95	154705	55.6	
50 1,1,1-Trichloroethane	97	3.730	3.730	0.0	82	196583	22.1	
52 1,1-Dichloropropene	75	3.822	3.822	0.0	91	103950	21.0	
43 2-Butanone (MEK)	72	3.832	3.832	0.0	52	23078	80.3	
53 Benzene	78	4.039	4.039	0.0	96	265976	18.1	
58 n-Heptane	57	4.043	4.043	0.0	53	54554	22.1	
48 Propionitrile	54	4.092	4.092	0.0	16	33535	201.3	
31 Methacrylonitrile	67	4.096	4.096	0.0	82	129145	207.1	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.164	4.164	0.0	94	158085	53.4	
142 Tert-amyl methyl ether	73	4.178	4.178	0.0	97	173122	21.1	
55 1,2-Dichloroethane	62	4.231	4.231	0.0	93	90737	19.5	
56 Isobutyl alcohol	43	4.356	4.356	0.0	1	9318	362.9	
* 59 Fluorobenzene	96	4.429	4.429	0.0	98	474874	50.0	
60 2,4,4-Trimethyl-1-pentene	57	4.472	4.472	0.0	83	331829	40.6	
57 Isopropyl acetate	43	4.530	4.530	0.0	96	55025	16.9	
63 Methylcyclohexane	83	4.578	4.578	0.0	89	154822	20.7	
39 Methyl acrylate	55	4.583	4.583	0.0	76	109312	20.7	
61 Trichloroethene	95	4.592	4.592	0.0	90	87996	21.4	
68 Dibromomethane	93	4.997	4.997	0.0	88	37636	22.6	
62 n-Butanol	56	5.055	5.055	0.0	44	14046	456.4	
65 1,2-Dichloropropane	63	5.108	5.108	0.0	74	46480	19.4	
70 Dichlorobromomethane	83	5.190	5.190	0.0	92	95312	19.6	
64 Ethyl acrylate	55	5.204	5.204	0.0	50	32709	18.7	
* 150 1,4-Dioxane-d8	96	5.387	5.387	0.0	77	17252	1000.0	
66 Methyl methacrylate	100	5.406	5.406	0.0	73	24424	41.2	
67 1,4-Dioxane	88	5.416	5.416	0.0	31	9263	322.8	
69 n-Propyl acetate	43	5.584	5.584	0.0	91	30776	19.6	
72 2-Chloroethyl vinyl ether	63	5.859	5.859	0.0	81	15453	23.1	
74 cis-1,3-Dichloropropene	75	5.888	5.888	0.0	90	78425	16.3	
$ 76 Toluene-d8 (Surr)	98	6.100	6.100	0.0	98	542159	47.5	
77 Toluene	91	6.157	6.157	0.0	93	308732	17.1	
73 Epichlorohydrin	57	6.196	6.196	0.0	90	46353	333.9	
71 2-Nitropropane	41	6.446	6.446	0.0	94	19161	38.0	
80 Tetrachloroethene	166	6.600	6.600	0.0	88	103242	19.3	
75 4-Methyl-2-pentanone (MIBK)	43	6.668	6.668	0.0	89	127755	89.4	
78 trans-1,3-Dichloropropene	75	6.687	6.687	0.0	92	76920	18.4	
79 1,1,2-Trichloroethane	83	6.865	6.865	0.0	86	32190	17.8	
82 Ethyl methacrylate	69	6.947	6.947	0.0	83	46751	19.2	
84 Chlorodibromomethane	129	7.048	7.048	0.0	91	64594	17.3	
81 1,3-Dichloropropane	76	7.154	7.154	0.0	87	67449	18.3	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
86 Ethylene Dibromide	107	7.260	7.260	0.0	94	40322	16.5	
85 n-Butyl acetate	73	7.535	7.535	0.0	93	6543	14.7	
83 2-Hexanone	43	7.588	7.588	0.0	94	82228	81.5	
* 87 Chlorobenzene-d5	117	7.795	7.795	0.0	84	430003	50.0	
88 Chlorobenzene	112	7.809	7.809	0.0	92	195065	17.6	
89 Ethylbenzene	106	7.867	7.867	0.0	99	118436	18.4	
90 1,1,1,2-Tetrachloroethane	131	7.891	7.891	0.0	88	92488	19.2	
91 m-Xylene & p-Xylene	106	8.011	8.011	0.0	98	143468	17.9	
92 o-Xylene	106	8.382	8.382	0.0	91	139858	18.6	
97 Bromoform	173	8.430	8.430	0.0	47	43335	18.7	
94 Styrene	104	8.430	8.430	0.0	94	196168	18.1	
93 n-Butyl acrylate	73	8.599	8.599	0.0	96	27282	15.6	
98 Isopropylbenzene	105	8.661	8.661	0.0	97	430716	19.0	
95 Camphene	41	8.734	8.734	0.0	95	33742	18.9	
96 Amyl acetate (mixed isomers)	43	8.825	8.825	0.0	91	48584	17.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	93	185607	48.4	
100 Bromobenzene	156	8.941	8.941	0.0	91	90772	18.0	
102 N-Propylbenzene	91	8.998	8.998	0.0	99	480556	18.4	
101 1,1,2,2-Tetrachloroethane	83	9.071	9.071	0.0	78	47903	16.4	
143 4-Ethyltoluene	105	9.095	9.095	0.0	93	447379	19.3	
105 2-Chlorotoluene	91	9.100	9.100	0.0	95	341289	18.2	
103 1,2,3-Trichloropropane	110	9.153	9.153	0.0	89	18874	16.9	
106 1,3,5-Trimethylbenzene	105	9.167	9.167	0.0	91	383894	18.8	
104 trans-1,4-Dichloro-2-butene	53	9.205	9.205	0.0	71	14143	20.2	
107 4-Chlorotoluene	91	9.234	9.234	0.0	98	276883	17.4	
109 tert-Butylbenzene	119	9.403	9.403	0.0	82	295935	17.7	
108 Butyl Methacrylate	87	9.427	9.427	0.0	83	77836	18.6	
110 1,2,4-Trimethylbenzene	105	9.461	9.461	0.0	97	381062	18.9	
113 sec-Butylbenzene	105	9.538	9.538	0.0	98	484440	19.3	
114 4-Isopropyltoluene	119	9.653	9.653	0.0	93	435424	19.3	
115 1,3-Dichlorobenzene	146	9.677	9.677	0.0	93	183460	17.4	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	94	247728	50.0	
117 1,4-Dichlorobenzene	146	9.745	9.745	0.0	92	185935	18.3	
119 2,3-Dihydroindene	117	9.870	9.870	0.0	91	336832	21.2	
133 p-Diethylbenzene	119	9.923	9.923	0.0	94	277749	20.1	
118 Benzyl chloride	126	9.937	9.937	0.0	97	25838	18.6	
120 n-Butylbenzene	92	9.961	9.961	0.0	99	213659	18.1	
121 1,2-Dichlorobenzene	146	10.053	10.053	0.0	95	176825	18.2	
132 1,2,4,5-Tetramethylbenzene	119	10.506	10.506	0.0	95	378719	18.4	
122 1,2-Dibromo-3-Chloropropane	157	10.631	10.631	0.0	73	15995	18.9	
145 1,3,5-Trichlorobenzene	180	10.650	10.650	0.0	94	190269	19.9	
126 Hexachlorobutadiene	225	11.093	11.093	0.0	91	103240	18.3	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	94	144461	17.4	
123 Camphor	95	11.300	11.300	0.0	85	27199	96.5	
127 Naphthalene	128	11.329	11.329	0.0	99	232619	17.2	
128 1,2,3-Trichlorobenzene	180	11.464	11.464	0.0	95	134768	18.7	
S 130 1,2-Dichloroethene, Total	100				0		41.7	
S 131 Xylenes, Total	100				0		36.5	
S 139 Total BTEX	1				0		90.1	

QC Flag Legend

Review Flags
M - Manually Integrated

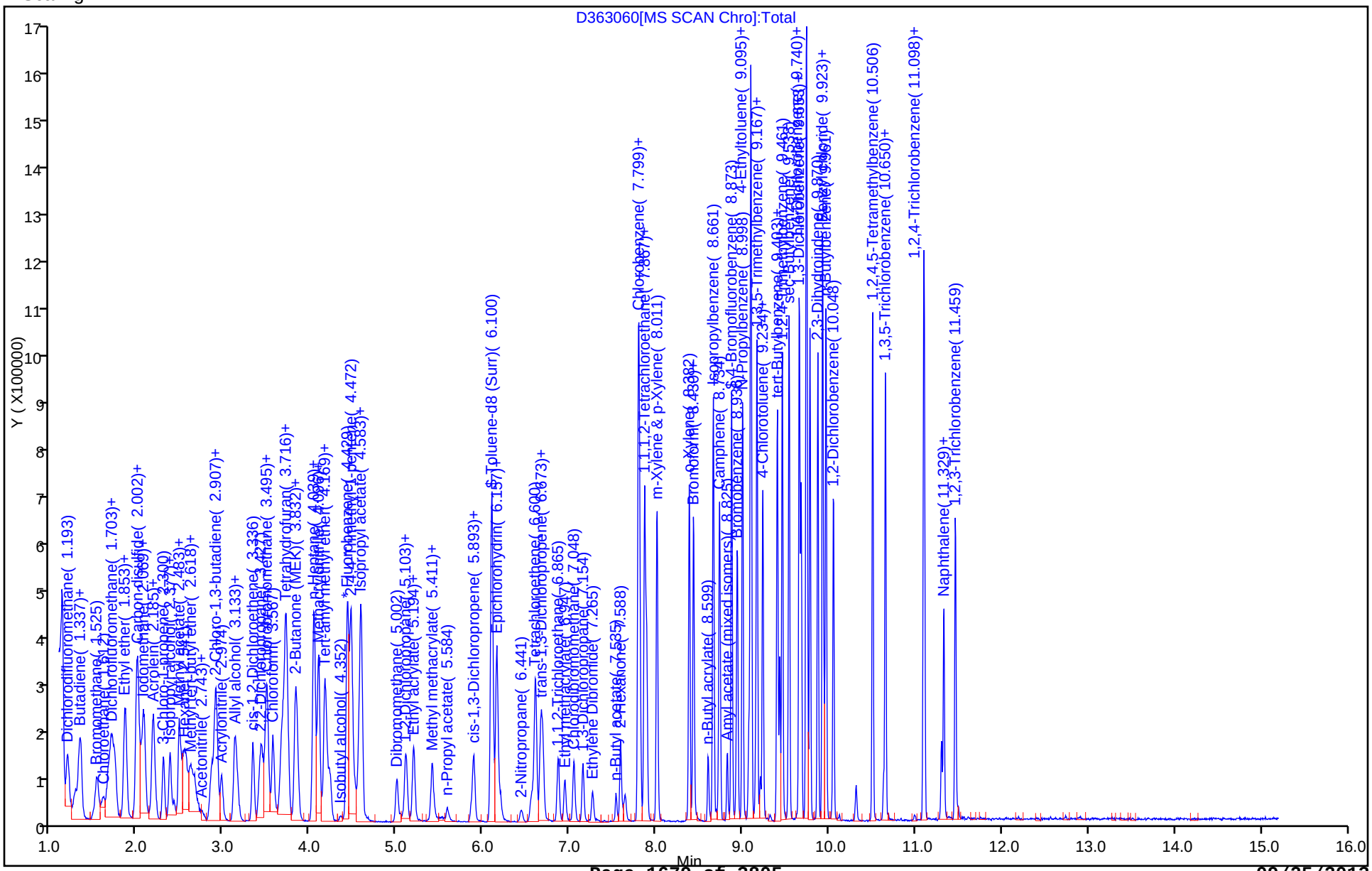
Report Date: 18-Sep-2013 13:47:57 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363060.D

Injection Date:	18-Sep-2013 02:12:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	181887	Lims Sample ID:	3
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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-182028/5

Matrix: Solid Lab File ID: D363090.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2013 14:53

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.: 182028 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17.8		1.0	0.16
74-83-9	Bromomethane	20.1		1.0	0.43
75-01-4	Vinyl chloride	17.8		1.0	0.34
75-00-3	Chloroethane	20.3		1.0	0.33
75-09-2	Methylene Chloride	20.7		1.0	0.15
67-64-1	Acetone	117		5.0	1.7
75-15-0	Carbon disulfide	24.2		1.0	0.15
75-69-4	Trichlorofluoromethane	19.5		1.0	0.16
75-35-4	1,1-Dichloroethene	24.0		1.0	0.19
75-34-3	1,1-Dichloroethane	21.5		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	20.6		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	21.4		1.0	0.11
67-66-3	Chloroform	21.4		1.0	0.24
78-93-3	2-Butanone	147		5.0	0.63
107-06-2	1,2-Dichloroethane	21.2		1.0	0.18
71-55-6	1,1,1-Trichloroethane	21.5		1.0	0.13
56-23-5	Carbon tetrachloride	21.8		1.0	0.15
71-43-2	Benzene	18.5		1.0	0.15
75-25-2	Bromoform	19.7		1.0	0.17
100-42-5	Styrene	18.8		1.0	0.28
100-41-4	Ethylbenzene	20.4		1.0	0.17
108-90-7	Chlorobenzene	19.1		1.0	0.18
110-82-7	Cyclohexane	19.6		1.0	0.13
98-82-8	Isopropylbenzene	20.4		1.0	0.11
591-78-6	2-Hexanone	84.9		5.0	0.13
1634-04-4	MTBE	21.1		1.0	0.11
76-13-1	Freon TF	24.5		1.0	0.11
79-20-9	Methyl acetate	108		1.0	0.32
123-91-1	1,4-Dioxane	443		20	13
79-01-6	Trichloroethene	22.5		1.0	0.12
108-88-3	Toluene	17.8		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	18.7		1.0	0.10
108-10-1	4-Methyl-2-pentanone	86.0		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	16.5		1.0	0.14
95-50-1	1,2-Dichlorobenzene	18.9		1.0	0.10
541-73-1	1,3-Dichlorobenzene	19.1		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-182028/5

Matrix: Solid | Lab File ID: D363090.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/18/2013 14:53

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.: 182028 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.1		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	20.3		1.0	0.15
108-87-2	Methylcyclohexane	20.6		1.0	0.10
127-18-4	Tetrachloroethene	20.4		1.0	0.12
1330-20-7	Xylenes, Total	38.3		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	17.8		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	18.7		1.0	0.14
124-48-1	Dibromochloromethane	17.1		1.0	0.10
106-93-4	1,2-Dibromoethane	17.2		1.0	0.15
75-71-8	Dichlorodifluoromethane	16.6		1.0	0.22
74-97-5	Bromochloromethane	20.5		1.0	0.11
75-27-4	Bromodichloromethane	21.7		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
460-00-4	Bromofluorobenzene	106		70-130
1868-53-7	Dibromofluoromethane (Surr)	117		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363090.D
Lims ID: LCS
Client ID:
Inject. Date: 18-Sep-2013 14:53:30
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: LCSD
Misc. Info.: 460-0004780-005
Operator:
Instrument ID: CVOAMS4
Purge Vol: 5.000 mL
ALS Bottle#: 4
Lims Batch ID: 182028
Lims Sample ID: 5
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\8260S_4.m
Last Update: 18-Sep-2013 18:56:37
Calib Date: 05-Sep-2013 06:32:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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: starzecm
Date: 18-Sep-2013 18:56:37

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.202	1.217	-0.015	85	144080	16.6	
2 Chloromethane	50	1.284	1.304	-0.020	58	72931	17.8	
149 Butadiene	54	1.352	1.347	0.005	78	64505	18.6	
4 Vinyl chloride	62	1.352	1.361	-0.009	83	81058	17.8	
6 Bromomethane	94	1.539	1.544	-0.005	88	69938	20.1	
7 Chloroethane	64	1.607	1.621	-0.014	87	50370	20.3	
8 Trichlorofluoromethane	101	1.694	1.708	-0.014	83	209566	19.5	
9 Dichlorofluoromethane	67	1.742	1.751	-0.009	89	164426	19.6	
11 Ethanol	45	1.867	1.867	0.0	29	20427	970.2	
14 2-Methyl-1,3-butadiene	67	1.862	1.872	-0.010	97	159263	30.9	
13 Ethyl ether	59	1.872	1.877	-0.005	77	41890	24.8	
18 1,1-Dichloroethene	96	1.997	2.002	-0.005	88	87416	24.0	
21 Carbon disulfide	76	2.016	2.021	-0.005	99	288511	24.2	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.059	2.060	-0.001	92	126472	24.5	
20 Iodomethane	142	2.088	2.093	-0.005	96	171476	24.1	
22 Cyclopentene	67	2.190	2.199	-0.009	93	284804	30.5	
17 Acrolein	56	2.223	2.228	-0.005	12	14016	137.0	
147 3-Chloro-1-propene	76	2.310	2.315	-0.005	71	41737	21.4	
34 Isopropyl alcohol	45	2.372	2.392	-0.020	2	27625	255.4	
25 Methylene Chloride	84	2.387	2.392	-0.005	71	74542	20.7	
19 Acetone	43	2.435	2.435	0.0	66	68591	117.3	
29 trans-1,2-Dichloroethene	96	2.488	2.493	-0.005	81	90255	20.6	
23 Methyl acetate	43	2.517	2.527	-0.010	89	180655	108.5	
32 Hexane	57	2.551	2.560	-0.009	79	118871	20.9	
27 Methyl tert-butyl ether	73	2.589	2.589	0.0	93	189810	21.1	
* 151 TBA-d9 (IS)	65	2.652	2.652	0.0	91	187758	1000.0	
26 2-Methyl-2-propanol	59	2.705	2.710	-0.005	92	55602	191.1	
24 Acetonitrile	41	2.758	2.763	-0.005	96	34070	289.9	
35 Isopropyl ether	45	2.873	2.869	0.005	84	178067	26.2	
33 2-Chloro-1,3-butadiene	88	2.907	2.912	-0.005	86	97670	28.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
36 1,1-Dichloroethane	63	2.926	2.936	-0.010	92	126142	21.5	
30 Acrylonitrile	53	2.974	2.984	-0.010	87	86672	193.0	
40 Tert-butyl ethyl ether	59	3.128	3.143	-0.015	90	242725	26.4	
37 Vinyl acetate	43	3.138	3.143	-0.005	72	124233	44.6	
38 Allyl alcohol	57	3.268	3.316	-0.048	1	2311	130.5	
42 cis-1,2-Dichloroethene	96	3.340	3.345	-0.005	91	84680	21.4	
41 2,2-Dichloropropane	77	3.417	3.451	-0.034	88	171149	21.4	
49 Cyclohexane	56	3.499	3.499	0.0	78	113017	19.6	
46 Chlorobromomethane	128	3.494	3.504	-0.010	73	37757	20.5	
47 Chloroform	83	3.571	3.572	-0.001	89	160355	21.4	
51 Carbon tetrachloride	117	3.673	3.682	-0.009	90	207001	21.8	
45 Tetrahydrofuran	42	3.702	3.697	0.005	36	20105	44.8	
44 Ethyl acetate	70	3.682	3.706	-0.024	38	9841	44.5	
$ 152 Dibromofluoromethane (Surr)	113	3.716	3.726	-0.010	93	169974	58.4	
50 1,1,1-Trichloroethane	97	3.735	3.740	-0.005	80	200213	21.5	
52 1,1-Dichloropropene	75	3.836	3.836	0.0	91	134979	26.1	
43 2-Butanone (MEK)	72	3.846	3.846	0.0	26	40071	147.4	
53 Benzene	78	4.048	4.048	0.0	88	292140	18.5	
58 n-Heptane	57	4.043	4.058	-0.015	52	56118	21.7	
48 Propionitrile	54	4.087	4.087	0.0	38	41721	239.4	
31 Methacrylonitrile	67	4.101	4.101	0.0	81	181000	277.5	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.169	4.169	0.0	94	179743	58.1	
142 Tert-amyl methyl ether	73	4.183	4.188	-0.005	97	227092	26.5	
55 1,2-Dichloroethane	62	4.231	4.231	0.0	95	102877	21.2	
56 Isobutyl alcohol	43	4.356	4.352	0.004	1	10299	424.0	
* 59 Fluorobenzene	96	4.433	4.433	0.0	93	496613	50.0	
60 2,4,4-Trimethyl-1-pentene	57	4.477	4.472	0.005	88	455765	52.8	
57 Isopropyl acetate	43	4.530	4.525	0.005	76	81930	24.2	
63 Methylcyclohexane	83	4.573	4.583	-0.010	89	161188	20.6	
39 Methyl acrylate	55	4.578	4.583	-0.005	55	113224	20.5	
61 Trichloroethene	95	4.592	4.597	-0.005	91	96468	22.5	
68 Dibromomethane	93	5.002	5.007	-0.004	89	39267	22.5	
62 n-Butanol	56	5.045	5.045	0.0	49	23118	687.1	
65 1,2-Dichloropropane	63	5.103	5.112	-0.009	71	50747	20.3	
64 Ethyl acrylate	55	5.189	5.194	-0.005	60	45224	24.4	
70 Dichlorobromomethane	83	5.194	5.199	-0.005	92	110100	21.7	
* 150 1,4-Dioxane-d8	96	5.387	5.397	-0.010	70	16755	1000.0	
66 Methyl methacrylate	100	5.406	5.416	-0.010	67	33427	53.9	
67 1,4-Dioxane	88	5.411	5.435	-0.024	14	12145	442.6	M
69 n-Propyl acetate	43	5.589	5.584	0.005	96	44556	27.2	
72 2-Chloroethyl vinyl ether	63	5.864	5.864	0.0	81	22301	31.8	
74 cis-1,3-Dichloropropene	75	5.883	5.897	-0.014	89	85239	16.5	
$ 76 Toluene-d8 (Surr)	98	6.100	6.100	0.0	98	642457	52.3	
77 Toluene	91	6.157	6.162	-0.005	93	346646	17.8	
73 Epichlorohydrin	57	6.196	6.196	0.0	96	52511	351.3	
71 2-Nitropropane	41	6.437	6.441	-0.004	95	26400	50.0	
80 Tetrachloroethene	166	6.605	6.605	0.0	90	117531	20.4	
75 4-Methyl-2-pentanone (MIBK)	43	6.663	6.668	-0.005	90	132225	86.0	
78 trans-1,3-Dichloropropene	75	6.687	6.692	-0.005	94	84280	18.7	
79 1,1,2-Trichloroethane	83	6.865	6.860	0.005	86	36538	18.7	
82 Ethyl methacrylate	69	6.942	6.942	0.0	81	51172	20.1	
84 Chlorodibromomethane	129	7.048	7.048	0.0	91	68741	17.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
81 1,3-Dichloropropane	76	7.149	7.154	-0.005	87	74670	18.9	
86 Ethylene Dibromide	107	7.260	7.265	-0.005	96	45319	17.2	
85 n-Butyl acetate	73	7.534	7.535	-0.001	94	10858	23.3	
83 2-Hexanone	43	7.587	7.588	-0.001	91	92207	84.9	
* 87 Chlorobenzene-d5	117	7.795	7.795	0.0	82	462997	50.0	
88 Chlorobenzene	112	7.809	7.809	0.0	92	227786	19.1	
89 Ethylbenzene	106	7.867	7.867	0.0	98	141476	20.4	
90 1,1,1,2-Tetrachloroethane	131	7.886	7.891	-0.005	88	99122	19.1	
91 m-Xylene & p-Xylene	106	8.011	8.011	0.0	99	164731	19.1	
92 o-Xylene	106	8.377	8.382	-0.005	91	155595	19.3	
97 Bromoform	173	8.425	8.425	0.0	55	49260	19.7	
94 Styrene	104	8.430	8.435	-0.005	93	219391	18.8	
93 n-Butyl acrylate	73	8.599	8.599	0.0	95	44763	23.8	
98 Isopropylbenzene	105	8.656	8.661	-0.005	96	497432	20.4	
95 Camphene	41	8.729	8.729	0.0	95	44134	23.0	
96 Amyl acetate (mixed isomers)	43	8.820	8.820	0.0	93	75088	24.1	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	90	221033	53.0	
100 Bromobenzene	156	8.936	8.936	0.0	91	106140	19.3	
102 N-Propylbenzene	91	8.998	8.998	0.0	99	558903	19.7	
101 1,1,2,2-Tetrachloroethane	83	9.071	9.071	0.0	90	57022	18.0	
143 4-Ethyltoluene	105	9.090	9.090	0.0	96	641037	25.4	
105 2-Chlorotoluene	91	9.095	9.100	-0.005	93	396253	19.5	
103 1,2,3-Trichloropropane	110	9.152	9.152	0.0	84	20292	16.7	
106 1,3,5-Trimethylbenzene	105	9.162	9.167	-0.005	91	424746	19.1	
104 trans-1,4-Dichloro-2-butene	53	9.205	9.201	0.004	79	14660	19.3	
107 4-Chlorotoluene	91	9.229	9.234	-0.005	98	314550	18.2	
109 tert-Butylbenzene	119	9.398	9.398	0.0	64	330837	18.2	
108 Butyl Methacrylate	87	9.427	9.427	0.0	81	96470	21.2	
110 1,2,4-Trimethylbenzene	105	9.456	9.461	-0.005	97	421024	19.3	
113 sec-Butylbenzene	105	9.538	9.538	0.0	98	510750	18.7	
114 4-Isopropyltoluene	119	9.653	9.653	0.0	93	464978	19.0	
115 1,3-Dichlorobenzene	146	9.672	9.677	-0.005	93	218476	19.1	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	94	269277	50.0	
117 1,4-Dichlorobenzene	146	9.745	9.745	0.0	91	200337	18.1	
119 2,3-Dihydroindene	117	9.870	9.870	0.0	93	468048	28.1	
133 p-Diethylbenzene	119	9.923	9.923	0.0	93	359295	23.9	
118 Benzyl chloride	126	9.937	9.942	-0.005	84	36124	24.2	
120 n-Butylbenzene	92	9.961	9.966	-0.005	98	241435	18.8	
121 1,2-Dichlorobenzene	146	10.048	10.053	-0.005	94	200112	18.9	
132 1,2,4,5-Tetramethylbenzene	119	10.501	10.506	-0.005	95	529148	23.6	
122 1,2-Dibromo-3-Chloropropane	157	10.631	10.631	0.0	80	16429	17.8	
145 1,3,5-Trichlorobenzene	180	10.650	10.650	0.0	94	252423	24.3	
126 Hexachlorobutadiene	225	11.093	11.093	0.0	92	112163	18.2	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	91	158646	17.6	
123 Camphor	95	11.300	11.300	0.0	83	34616	114.1	
127 Naphthalene	128	11.324	11.324	0.0	98	239692	16.3	
128 1,2,3-Trichlorobenzene	180	11.459	11.459	0.0	94	140365	17.9	
S 131 Xylenes, Total	100				0		38.3	

QC Flag Legend

Review Flags
M - Manually Integrated

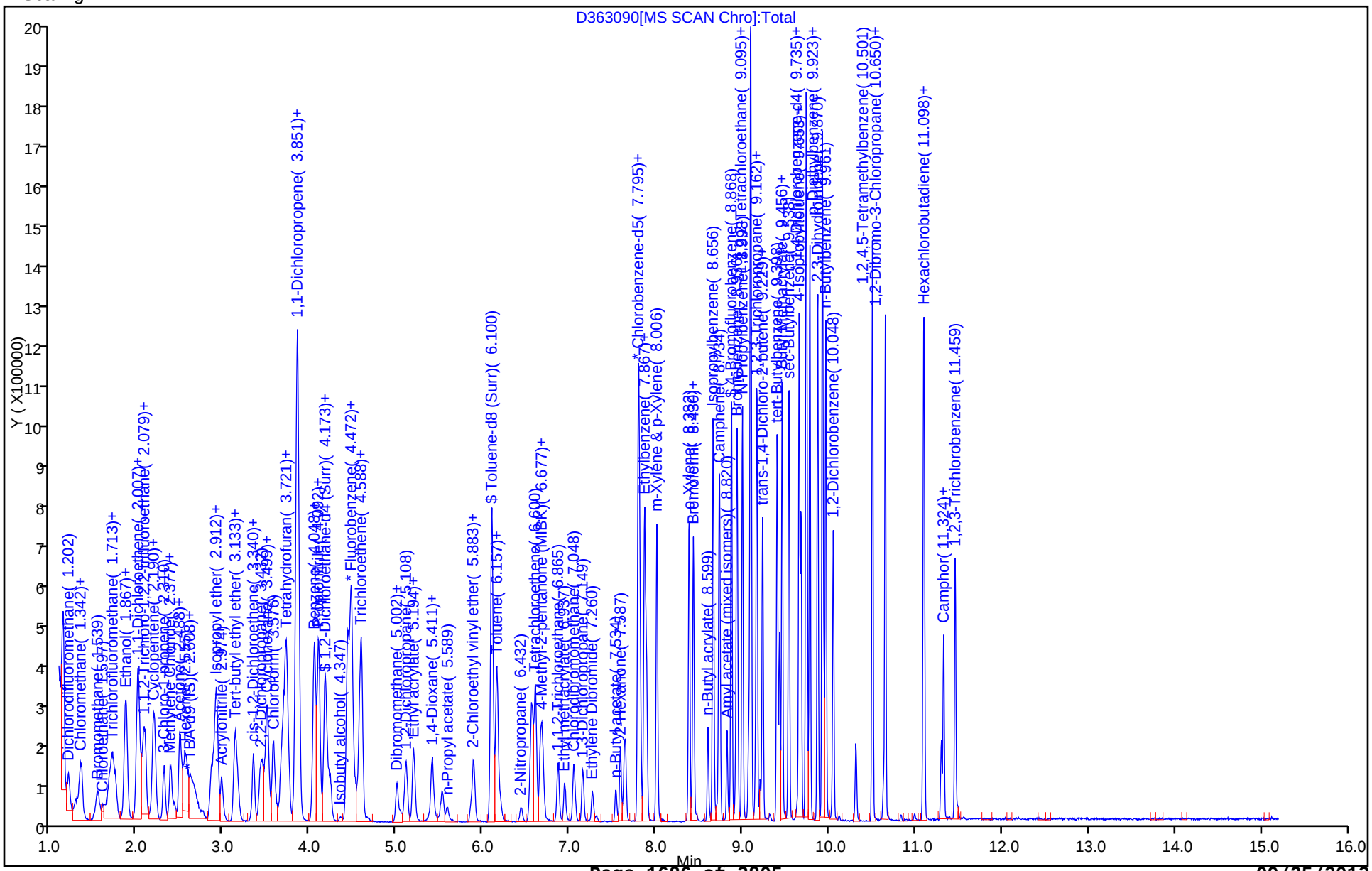
Report Date: 18-Sep-2013 18:56:37 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363090.D

Injection Date:	18-Sep-2013 14:53:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	5
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



Manual Integration/User Assign Peak Report

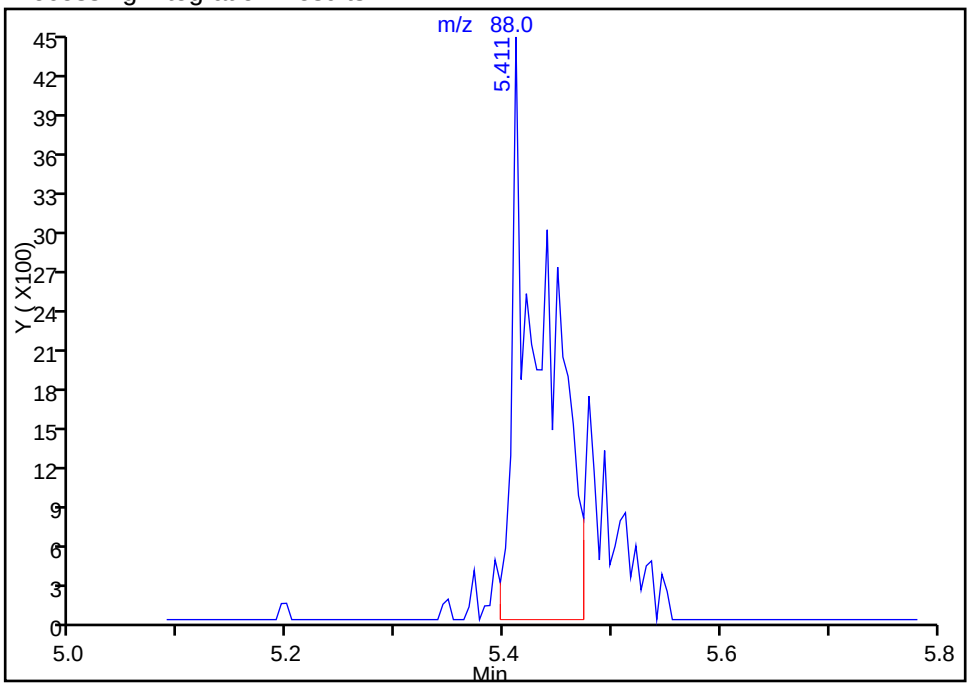
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363090.D		
Injection Date:	18-Sep-2013 14:53:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	5
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

67 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 5.44

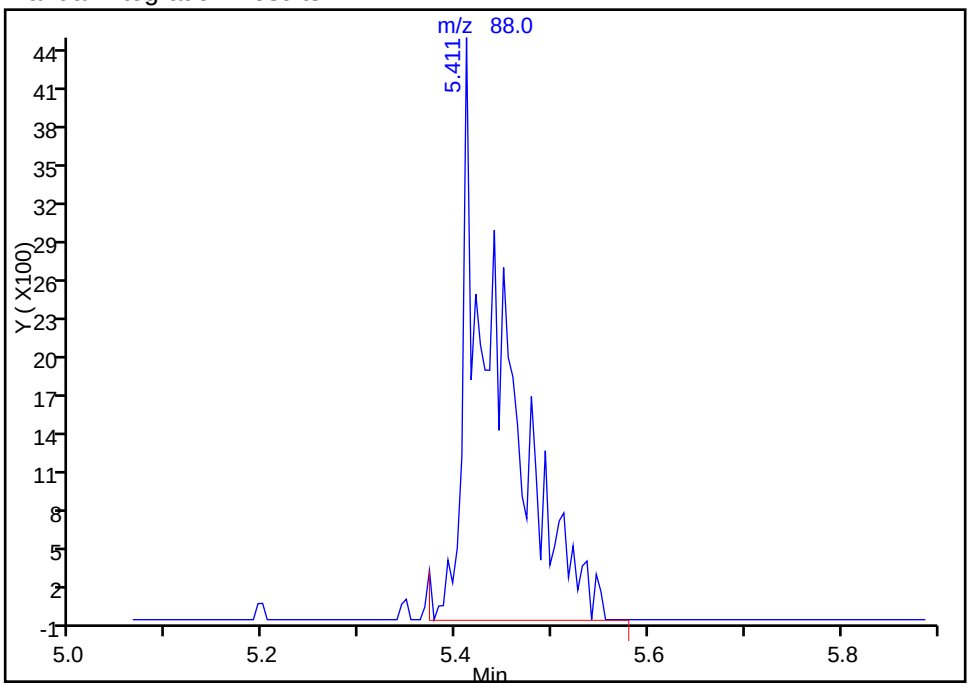
Processing Integration Results

RT: 5.41
Response: 8978
Amount: 322.0921



Manual Integration Results

RT: 5.41
Response: 12145
Amount: 442.6332



Reviewer: starzecm, 18-Sep-2013 18:56:37
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-182051/4

Matrix: Water Lab File ID: P75168.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2013 19:18

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.: 182051 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	29.1		1.0	0.10
74-83-9	Bromomethane	14.6		1.0	0.18
75-01-4	Vinyl chloride	21.3		1.0	0.14
75-00-3	Chloroethane	22.6		1.0	0.17
75-09-2	Methylene Chloride	22.0		1.0	0.18
67-64-1	Acetone	97.0		5.0	2.7
75-15-0	Carbon disulfide	23.7		1.0	0.13
75-69-4	Trichlorofluoromethane	22.8		1.0	0.15
75-35-4	1,1-Dichloroethene	22.1		1.0	0.090
75-34-3	1,1-Dichloroethane	23.4		1.0	0.13
156-60-5	trans-1,2-Dichloroethene	23.0		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	21.4		1.0	0.18
67-66-3	Chloroform	22.0		1.0	0.080
78-93-3	2-Butanone	91.6		5.0	2.3
107-06-2	1,2-Dichloroethane	22.5		1.0	0.19
71-55-6	1,1,1-Trichloroethane	22.9		1.0	0.060
56-23-5	Carbon tetrachloride	24.5		1.0	0.060
71-43-2	Benzene	21.3		1.0	0.080
75-25-2	Bromoform	17.7		1.0	0.19
100-42-5	Styrene	20.7		1.0	0.12
100-41-4	Ethylbenzene	21.0		1.0	0.10
108-90-7	Chlorobenzene	20.7		1.0	0.11
110-82-7	Cyclohexane	24.1		1.0	0.16
98-82-8	Isopropylbenzene	22.3		1.0	0.080
591-78-6	2-Hexanone	79.8		5.0	0.50
1634-04-4	MTBE	20.6		1.0	0.14
76-13-1	Freon TF	23.1		1.0	0.080
79-20-9	Methyl acetate	99.8		2.0	0.34
123-91-1	1,4-Dioxane	396		50	36
79-01-6	Trichloroethene	21.4		1.0	0.090
108-88-3	Toluene	21.1		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	21.6		1.0	0.24
108-10-1	4-Methyl-2-pentanone	82.1		5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	22.0		1.0	0.18
95-50-1	1,2-Dichlorobenzene	19.2		1.0	0.21
541-73-1	1,3-Dichlorobenzene	19.7		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-182051/4

Matrix: Water | Lab File ID: P75168.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/18/2013 19:18

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.: 182051 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.7		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	16.5		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	17.2		1.0	0.51
78-87-5	1,2-Dichloropropane	21.1		1.0	0.090
108-87-2	Methylcyclohexane	23.2		1.0	0.14
127-18-4	Tetrachloroethene	20.4		1.0	0.10
1330-20-7	Xylenes, Total	42.1		3.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	18.9		1.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	17.7		1.0	0.16
79-00-5	1,1,2-Trichloroethane	18.7		1.0	0.19
124-48-1	Dibromochloromethane	19.0		1.0	0.20
106-93-4	1,2-Dibromoethane	18.7		1.0	0.28
75-71-8	Dichlorodifluoromethane	21.0		1.0	0.22
74-97-5	Bromochloromethane	20.0		1.0	0.27
75-27-4	Bromodichloromethane	21.3		1.0	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	99		70-130
1868-53-7	Dibromofluoromethane (Surr)	102		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS13\20130918-4784.b\P75168.D
Lims ID: LCS Client ID:
Inject. Date: 18-Sep-2013 19:18:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: LCS
Misc. Info.: 460-0004784-004
Operator: Instrument ID: CVOAMS13
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 182051 Lims Sample ID: 4
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS13\20130918-4784.b\8260W_13.m
Last Update: 18-Sep-2013 19:37:42 Calib Date: 15-Aug-2013 11:42:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS13\20130815-3604.b\P73666.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: starzecm Date: 18-Sep-2013 19:37:42

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.977	0.977	0.0	86	85702	21.0	
2 Chloromethane	50	1.099	1.099	0.0	88	112892	29.1	
4 Vinyl chloride	62	1.130	1.130	0.0	83	104729	21.3	
149 Butadiene	54	1.142	1.142	0.0	94	96708	21.8	
6 Bromomethane	94	1.313	1.313	0.0	98	28766	14.6	
7 Chloroethane	64	1.380	1.380	0.0	97	60996	22.6	
8 Trichlorofluoromethane	101	1.459	1.459	0.0	82	105815	22.8	
9 Dichlorofluoromethane	67	1.496	1.496	0.0	90	164410	25.3	
14 2-Methyl-1,3-butadiene	67	1.630	1.630	0.0	92	120622	23.5	
13 Ethyl ether	59	1.642	1.642	0.0	88	77044	21.0	
11 Ethanol	46	1.739	1.739	0.0	96	33108	1151.8	
18 1,1-Dichloroethene	96	1.752	1.752	0.0	82	58807	22.1	
21 Carbon disulfide	76	1.770	1.770	0.0	100	246445	23.7	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.776	1.776	0.0	92	61898	23.1	
20 Iodomethane	142	1.843	1.843	0.0	98	35495	10.4	
22 Cyclopentene	67	1.935	1.935	0.0	94	229994	24.0	
17 Acrolein	56	1.959	1.959	0.0	77	10403	26.2	
147 3-Chloro-1-propene	76	2.044	2.044	0.0	87	39925	21.5	
34 Isopropyl alcohol	45	2.075	2.075	0.0	96	75638	184.3	
25 Methylene Chloride	84	2.111	2.111	0.0	90	75248	22.0	
19 Acetone	43	2.148	2.148	0.0	84	150077	97.0	
29 trans-1,2-Dichloroethene	96	2.209	2.209	0.0	87	70935	23.0	
23 Methyl acetate	43	2.221	2.221	0.0	98	575165	99.8	
32 Hexane	57	2.258	2.258	0.0	88	212138	25.3	
27 Methyl tert-butyl ether	73	2.288	2.288	0.0	97	226036	20.6	
* 151 TBA-d9 (IS)	65	2.312	2.312	0.0	96	338667	1000.0	
26 2-Methyl-2-propanol	59	2.361	2.361	0.0	93	114643	222.1	
24 Acetonitrile	41	2.441	2.441	0.0	98	146782	202.3	
35 Isopropyl ether	45	2.538	2.538	0.0	95	353827	21.6	
33 2-Chloro-1,3-butadiene	88	2.599	2.599	0.0	88	60866	22.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
36 1,1-Dichloroethane	63	2.617	2.617	0.0	94	159435	23.4	
30 Acrylonitrile	53	2.654	2.654	0.0	93	329809	188.1	
40 Tert-butyl ethyl ether	59	2.794	2.794	0.0	80	262669	20.7	
38 Allyl alcohol	57	2.794	2.794	0.0	42	131494	546.2	
37 Vinyl acetate	43	2.800	2.800	0.0	100	364845	36.3	
42 cis-1,2-Dichloroethene	96	3.001	3.001	0.0	84	70659	21.4	
41 2,2-Dichloropropane	77	3.081	3.081	0.0	90	112045	24.9	
49 Cyclohexane	56	3.142	3.142	0.0	97	157890	24.1	
46 Chlorobromomethane	128	3.148	3.148	0.0	92	31190	20.0	
47 Chloroform	83	3.209	3.209	0.0	91	123231	22.0	
51 Carbon tetrachloride	117	3.306	3.306	0.0	89	83231	24.5	
44 Ethyl acetate	43	3.318	3.318	0.0	96	200350	36.9	
39 Methyl acrylate	55	3.324	3.324	0.0	51	72853	17.7	
45 Tetrahydrofuran	42	3.337	3.337	0.0	89	80402	38.1	
$ 152 Dibromofluoromethane (Surr)	113	3.349	3.349	0.0	93	96543	51.1	
50 1,1,1-Trichloroethane	97	3.361	3.361	0.0	93	101043	22.9	
43 2-Butanone (MEK)	43	3.465	3.465	0.0	96	220975	91.6	
52 1,1-Dichloropropene	75	3.465	3.465	0.0	75	108054	24.6	
58 n-Heptane	57	3.654	3.654	0.0	96	62609	22.8	
53 Benzene	78	3.666	3.666	0.0	97	304872	21.3	
48 Propionitrile	54	3.702	3.702	0.0	86	126646	188.6	
31 Methacrylonitrile	67	3.715	3.715	0.0	98	311247	176.1	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.782	3.782	0.0	87	138477	51.3	
142 Tert-amyl methyl ether	73	3.788	3.788	0.0	94	207083	19.9	
55 1,2-Dichloroethane	62	3.843	3.843	0.0	89	108211	22.5	
56 Isobutyl alcohol	43	3.910	3.910	0.0	98	110607	774.4	
* 59 Fluorobenzene	96	4.032	4.032	0.0	96	500929	50.0	
60 2,4,4-Trimethyl-1-pentene	57	4.068	4.068	0.0	93	474499	45.9	
57 Isopropyl acetate	43	4.105	4.105	0.0	97	178541	18.3	
63 Methylcyclohexane	83	4.172	4.172	0.0	91	124604	23.2	
61 Trichloroethene	95	4.184	4.184	0.0	87	69797	21.4	
62 n-Butanol	56	4.568	4.568	0.0	97	60128	428.4	
68 Dibromomethane	93	4.574	4.574	0.0	94	38842	19.3	
65 1,2-Dichloropropane	63	4.678	4.678	0.0	86	86414	21.1	
64 Ethyl acrylate	55	4.751	4.751	0.0	94	106656	17.5	
70 Dichlorobromomethane	83	4.757	4.757	0.0	94	94586	21.3	
* 150 1,4-Dioxane-d8	96	4.952	4.952	0.0	27	28480	1000.0	
66 Methyl methacrylate	100	4.958	4.958	0.0	92	34007	33.1	
67 1,4-Dioxane	88	4.983	4.983	0.0	77	17971	396.3	
69 n-Propyl acetate	43	5.123	5.123	0.0	99	132257	17.1	
72 2-Chloroethyl vinyl ether	63	5.397	5.397	0.0	89	51328	17.5	
74 cis-1,3-Dichloropropene	75	5.434	5.434	0.0	93	126135	22.0	
$ 76 Toluene-d8 (Surr)	98	5.641	5.641	0.0	97	417908	50.4	
77 Toluene	91	5.696	5.696	0.0	91	299317	21.1	
73 Epichlorohydrin	57	5.726	5.726	0.0	98	172131	351.2	
71 2-Nitropropane	41	5.970	5.970	0.0	98	41655	35.7	
80 Tetrachloroethene	166	6.135	6.135	0.0	87	59884	20.4	
75 4-Methyl-2-pentanone (MIBK)	43	6.184	6.184	0.0	98	452008	82.1	
78 trans-1,3-Dichloropropene	75	6.208	6.208	0.0	89	119413	21.6	
79 1,1,2-Trichloroethane	83	6.391	6.391	0.0	90	51549	18.7	
82 Ethyl methacrylate	69	6.464	6.464	0.0	95	91910	18.3	
84 Chlorodibromomethane	129	6.598	6.598	0.0	93	58111	19.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
81 1,3-Dichloropropane	76	6.720	6.720	0.0	96	112753	18.8	
86 Ethylene Dibromide	107	6.860	6.860	0.0	96	56045	18.7	
85 n-Butyl acetate	43	7.196	7.196	0.0	95	137913	17.1	
83 2-Hexanone	43	7.269	7.269	0.0	99	320406	79.8	
* 87 Chlorobenzene-d5	117	7.568	7.568	0.0	91	363512	50.0	
88 Chlorobenzene	112	7.586	7.586	0.0	89	181660	20.7	
89 Ethylbenzene	106	7.671	7.671	0.0	99	96936	21.0	
90 1,1,1,2-Tetrachloroethane	131	7.696	7.696	0.0	86	57005	19.6	
91 m-Xylene & p-Xylene	106	7.885	7.885	0.0	97	120026	21.4	
92 o-Xylene	106	8.488	8.488	0.0	91	112448	20.7	
97 Bromoform	173	8.555	8.555	0.0	91	36565	17.7	
94 Styrene	104	8.573	8.573	0.0	93	196646	20.7	
93 n-Butyl acrylate	73	8.890	8.890	0.0	95	48594	16.3	
98 Isopropylbenzene	105	8.982	8.982	0.0	96	321012	22.3	
95 Camphene	41	9.110	9.110	0.0	97	37016	21.6	
96 Amyl acetate (mixed isomers)	43	9.311	9.311	0.0	85	163521	17.0	
$ 99 4-Bromofluorobenzene	174	9.366	9.366	0.0	82	129263	49.7	
100 Bromobenzene	156	9.482	9.482	0.0	89	71045	18.9	
102 N-Propylbenzene	91	9.628	9.628	0.0	97	408990	21.1	
101 1,1,2,2-Tetrachloroethane	83	9.768	9.768	0.0	91	84557	17.7	
105 2-Chlorotoluene	91	9.805	9.805	0.0	92	275075	20.6	
143 4-Ethyltoluene	105	9.817	9.817	0.0	97	332259	21.1	
103 1,2,3-Trichloropropane	110	9.921	9.921	0.0	94	22884	17.4	
106 1,3,5-Trimethylbenzene	105	9.976	9.976	0.0	88	273714	21.1	
104 trans-1,4-Dichloro-2-butene	53	10.030	10.030	0.0	63	34143	19.1	
107 4-Chlorotoluene	91	10.079	10.079	0.0	99	260051	20.6	
109 tert-Butylbenzene	119	10.451	10.451	0.0	87	221501	20.8	
108 Butyl Methacrylate	87	10.567	10.567	0.0	93	86804	17.0	
110 1,2,4-Trimethylbenzene	105	10.585	10.585	0.0	97	291395	21.3	
113 sec-Butylbenzene	105	10.750	10.750	0.0	98	351238	21.6	
115 1,3-Dichlorobenzene	146	11.018	11.018	0.0	92	147203	19.7	
114 4-Isopropyltoluene	119	11.030	11.030	0.0	95	290353	20.5	
* 116 1,4-Dichlorobenzene-d4	152	11.146	11.146	0.0	96	203502	50.0	
117 1,4-Dichlorobenzene	146	11.171	11.171	0.0	85	152796	19.7	
119 2,3-Dihydroindene	117	11.427	11.427	0.0	90	277361	19.5	
118 Benzyl chloride	91	11.573	11.573	0.0	92	231534	19.6	
133 p-Diethylbenzene	119	11.585	11.585	0.0	91	180599	21.2	
120 n-Butylbenzene	91	11.652	11.652	0.0	96	307374	21.7	
121 1,2-Dichlorobenzene	146	11.750	11.750	0.0	92	142168	19.2	
132 1,2,4,5-Tetramethylbenzene	119	12.567	12.567	0.0	93	256101	18.6	
122 1,2-Dibromo-3-Chloropropane	75	12.707	12.707	0.0	80	18716	18.9	
145 1,3,5-Trichlorobenzene	180	12.749	12.749	0.0	94	105816	17.6	
124 1,2,4-Trichlorobenzene	180	13.383	13.383	0.0	92	91359	16.5	
126 Hexachlorobutadiene	225	13.396	13.396	0.0	84	38696	19.1	
123 Camphor	95	13.646	13.646	0.0	95	41349	72.6	
127 Naphthalene	128	13.676	13.676	0.0	98	223980	15.4	
128 1,2,3-Trichlorobenzene	180	13.835	13.835	0.0	91	83675	17.2	
S 130 1,2-Dichloroethene, Total	100				0		44.4	
S 131 Xylenes, Total	100				0		42.1	
S 139 Total BTEX	1				0		105.6	

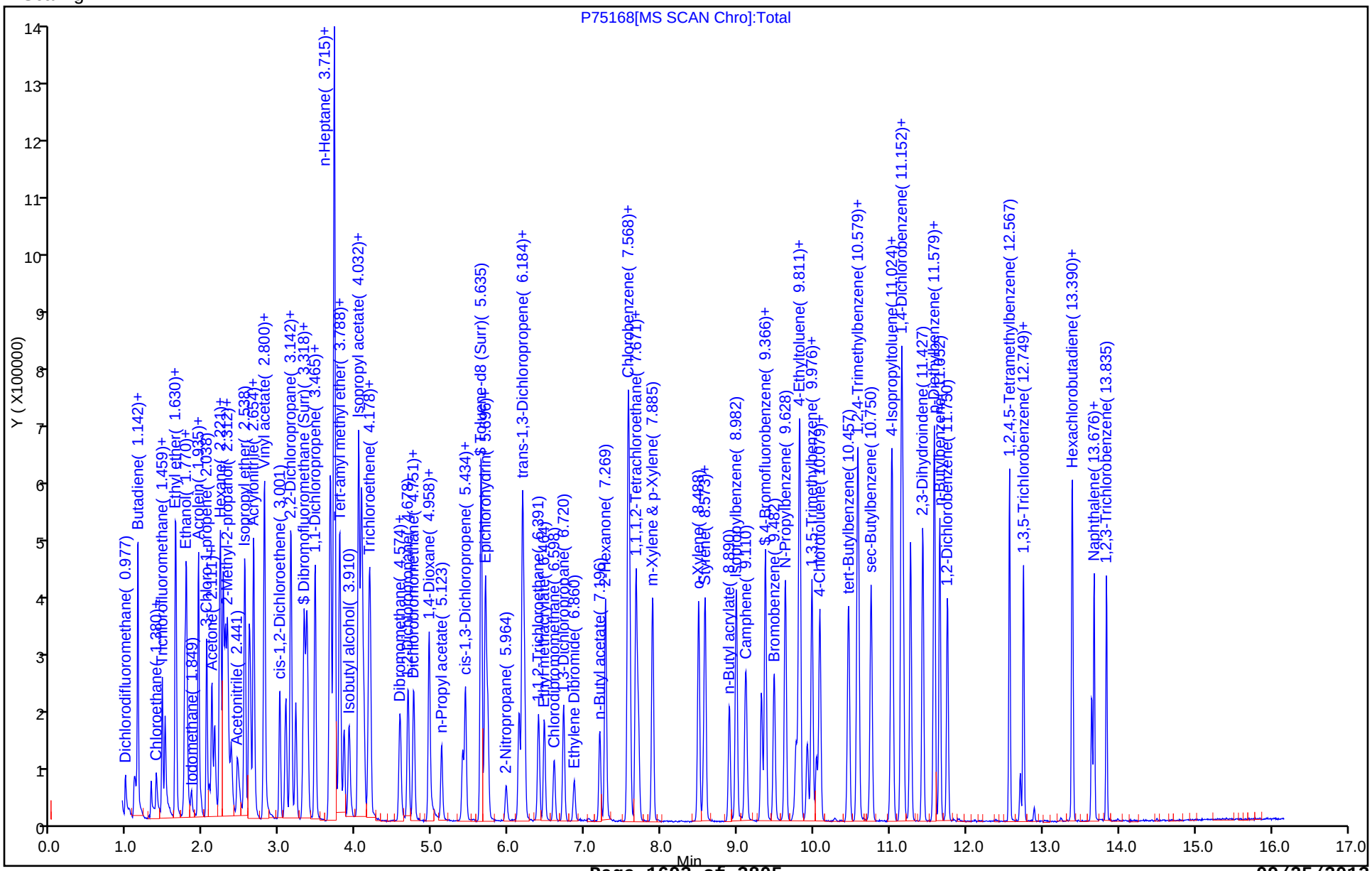
Report Date: 18-Sep-2013 19:37:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS13\20130918-4784.b\P75168.D

Injection Date:	18-Sep-2013 19:18:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS13
Lims Batch ID:	182051	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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-182063/3

Matrix: Solid | Lab File ID: B60639.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/18/2013 22:54

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.: 182063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	821		50	4.8
74-83-9	Bromomethane	927		50	9.1
75-01-4	Vinyl chloride	964		50	7.2
75-00-3	Chloroethane	1020		50	8.5
75-09-2	Methylene Chloride	994		50	9.1
67-64-1	Acetone	4410		250	130
75-15-0	Carbon disulfide	852		50	6.3
75-69-4	Trichlorofluoromethane	1050		50	7.3
75-35-4	1,1-Dichloroethene	893		50	4.4
75-34-3	1,1-Dichloroethane	995		50	6.5
156-60-5	trans-1,2-Dichloroethene	951		50	6.4
156-59-2	cis-1,2-Dichloroethene	988		50	8.9
67-66-3	Chloroform	1020		50	3.9
78-93-3	2-Butanone	4750		250	120
107-06-2	1,2-Dichloroethane	954		50	9.5
71-55-6	1,1,1-Trichloroethane	1010		50	3.1
56-23-5	Carbon tetrachloride	1020		50	2.9
71-43-2	Benzene	986		50	4.1
75-25-2	Bromoform	945		50	9.6
100-42-5	Styrene	1020		50	5.9
100-41-4	Ethylbenzene	1010		50	4.8
108-90-7	Chlorobenzene	975		50	5.5
110-82-7	Cyclohexane	1070		50	7.9
98-82-8	Isopropylbenzene	1050		50	3.8
591-78-6	2-Hexanone	4510		250	25
1634-04-4	MTBE	1010		50	6.9
76-13-1	Freon TF	802		50	4.1
79-20-9	Methyl acetate	4730		250	17
123-91-1	1,4-Dioxane	20500		2500	1800
79-01-6	Trichloroethene	944		50	4.6
108-88-3	Toluene	970		50	7.5
10061-02-6	trans-1,3-Dichloropropene	947		50	12
108-10-1	4-Methyl-2-pentanone	4780		250	49
10061-01-5	cis-1,3-Dichloropropene	979		50	9.2
95-50-1	1,2-Dichlorobenzene	993		50	10
541-73-1	1,3-Dichlorobenzene	1030		50	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-182063/3

Matrix: Solid | Lab File ID: B60639.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/18/2013 22:54

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.: 182063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	988		50	12
120-82-1	1,2,4-Trichlorobenzene	1050		50	17
87-61-6	1,2,3-Trichlorobenzene	1160		50	26
78-87-5	1,2-Dichloropropane	952		50	4.3
108-87-2	Methylcyclohexane	1130		50	6.8
127-18-4	Tetrachloroethene	985		50	4.9
1330-20-7	Xylenes, Total	2040		150	18
96-12-8	1,2-Dibromo-3-Chloropropane	929		50	20
79-34-5	1,1,2,2-Tetrachloroethane	987		50	7.9
79-00-5	1,1,2-Trichloroethane	985		50	9.4
124-48-1	Dibromochloromethane	945		50	10
106-93-4	1,2-Dibromoethane	946		50	14
75-71-8	Dichlorodifluoromethane	986		50	11
74-97-5	Bromochloromethane	956		50	14
75-27-4	Bromodichloromethane	931		50	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-135
2037-26-5	Toluene-d8 (Surr)	96		59-150
460-00-4	Bromofluorobenzene	92		72-133
1868-53-7	Dibromofluoromethane (Surr)	100		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60639.D
Lims ID: LCS
Client ID:
Inject. Date: 18-Sep-2013 22:54:30
Dil. Factor: 50.0000
Sample Type: LCS
Sample ID: LCS
Misc. Info.: 460-0004786-003
Operator:
Instrument ID: CVOAMS2
Purge Vol: 5.000 mL
ALS Bottle#: 2
Lims Batch ID: 182063
Lims Sample ID: 3
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\8260W_2.m
Last Update: 19-Sep-2013 04:04:16
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: RT Order ID
Column Type: Rtx-624
Column Dia: 0.25 mm
Process Host: XAWRK032

First Level Reviewer: boykink
Date: 19-Sep-2013 04:04:07

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.102	1.094	0.008	74	19577	19.0	
2 Dichlorodifluoromethane	85	1.126	1.118	0.008	89	115119	19.7	
3 Chloromethane	50	1.299	1.291	0.008	88	116438	16.4	
4 Vinyl chloride	62	1.349	1.349	0.0	74	88857	19.3	
5 Butadiene	54	1.373	1.382	-0.009	83	54559	17.8	
7 Bromomethane	94	1.620	1.628	-0.008	96	53610	18.5	
8 Chloroethane	64	1.694	1.694	0.0	92	32453	20.4	
9 Trichlorofluoromethane	101	1.867	1.859	0.008	58	99981	21.0	
10 Dichlorofluoromethane	67	1.867	1.867	0.0	88	116719	19.1	
139 Ethanol	46	2.106	2.098	0.008	82	27910	1063.4	
11 Ethyl ether	59	2.097	2.098	-0.001	86	48204	19.8	
14 1,2-Dichloro-1,1,2-trifluoroetha	67	2.163	2.147	0.016	87	113789	19.0	
13 2-Methyl-1,3-butadiene	67	2.163	2.147	0.016	84	113789	19.3	
15 Acrolein	56	2.262	2.262	0.0	19	8754	28.4	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.262	2.270	-0.008	87	31683	16.0	
17 1,1-Dichloroethene	96	2.295	2.303	-0.008	84	40509	17.9	
18 Acetone	43	2.394	2.394	0.0	82	173186	88.2	
20 Iodomethane	142	2.443	2.443	0.0	95	110045	19.3	
21 Carbon disulfide	76	2.460	2.468	-0.008	99	152750	17.0	
135 Isopropyl alcohol	45	2.517	2.526	-0.009	68	56200	188.8	
141 3-Chloro-1-propene	76	2.624	2.616	0.008	16	63096	18.0	
22 Cyclopentene	67	2.632	2.633	0.0	66	133865	18.7	
23 Methyl acetate	43	2.649	2.649	0.0	98	394831	94.5	
24 Acetonitrile	41	2.698	2.690	0.008	94	171732	220.7	
25 Methylene Chloride	84	2.772	2.764	0.008	86	68383	19.9	
* 26 TBA-d9 (IS)	65	2.797	2.789	0.008	96	383875	1000.0	
27 2-Methyl-2-propanol	59	2.871	2.863	0.008	63	104013	201.1	
28 Methyl tert-butyl ether	73	2.937	2.937	0.0	95	128827	20.1	
29 trans-1,2-Dichloroethene	96	2.953	2.953	0.0	87	55157	19.0	
31 Acrylonitrile	53	3.044	3.036	0.008	90	341358	190.5	

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	51793	20.7	
33 Isopropyl ether	45	3.381	3.381	0.0	94	239527	20.8	
34 1,1-Dichloroethane	63	3.381	3.381	0.0	90	137883	19.9	
35 Vinyl acetate	43	3.431	3.423	0.008	100	473080	42.4	
36 2-Chloro-1,3-butadiene	88	3.431	3.431	0.0	86	58106	20.9	
136 Allyl alcohol	57	3.480	3.472	0.008	71	36830	599.4	
37 Tert-butyl ethyl ether	59	3.735	3.735	0.0	86	144571	21.4	
38 2,2-Dichloropropane	77	3.933	3.933	0.0	89	75203	20.1	
39 cis-1,2-Dichloroethene	96	3.974	3.974	0.0	86	73723	19.8	
40 2-Butanone (MEK)	72	4.015	4.007	0.008	96	49709	95.1	
41 Ethyl acetate	70	4.031	4.032	-0.001	95	14879	37.9	
42 Methyl acrylate	55	4.081	4.081	0.0	91	80373	18.4	
43 Propionitrile	54	4.155	4.155	0.0	95	136985	190.6	
44 Tetrahydrofuran	42	4.221	4.221	0.0	70	87265	39.1	
45 Chlorobromomethane	128	4.229	4.229	0.0	92	41715	19.1	
46 Methacrylonitrile	67	4.270	4.270	0.0	97	348633	194.0	
47 Chloroform	83	4.311	4.303	0.008	84	150770	20.4	
48 Cyclohexane	56	4.418	4.410	0.008	93	79907	21.5	
49 1,1,1-Trichloroethane	97	4.443	4.443	0.0	91	97892	20.2	
$ 57 Dibromofluoromethane (Surr)	113	4.484	4.484	0.0	98	212577	49.8	
50 Carbon tetrachloride	117	4.575	4.575	0.0	88	92661	20.4	
51 1,1-Dichloropropene	75	4.624	4.624	0.0	83	104863	20.2	
52 Benzene	78	4.846	4.846	0.0	98	287617	19.7	
138 Isobutyl alcohol	43	4.863	4.863	0.0	91	110989	459.7	
$ 53 1,2-Dichloroethane-d4 (Surr)	65	4.879	4.879	0.0	98	310643	49.0	
140 Tert-amyl methyl ether	73	4.961	4.962	-0.001	76	148450	21.2	
54 1,2-Dichloroethane	62	4.970	4.970	0.0	91	147046	19.1	
55 Isopropyl acetate	43	4.986	4.986	0.0	97	261545	19.4	
56 n-Heptane	57	5.077	5.077	0.0	94	31137	21.6	
* 58 Fluorobenzene	96	5.208	5.208	0.0	97	684169	50.0	
59 2,4,4-Trimethyl-1-pentene	57	5.480	5.480	0.0	88	100041	50.4	
60 Trichloroethene	95	5.636	5.636	0.0	91	83037	18.9	
61 n-Butanol	56	5.669	5.661	0.008	95	56799	406.4	
62 Methylcyclohexane	83	5.768	5.760	0.008	87	67502	22.5	
63 Ethyl acrylate	55	5.842	5.834	0.008	94	117049	17.9	
64 1,2-Dichloropropane	63	5.982	5.974	0.008	81	85450	19.0	
* 65 1,4-Dioxane-d8	96	6.064	6.073	-0.009	83	44527	1000.0	
68 Dibromomethane	93	6.130	6.130	0.0	48	63009	19.1	
66 Methyl methacrylate	100	6.130	6.130	0.0	91	39937	36.7	
67 1,4-Dioxane	88	6.130	6.138	-0.008	31	22536	410.3	
69 n-Propyl acetate	43	6.221	6.212	0.009	98	149819	18.2	
70 Dichlorobromomethane	83	6.344	6.344	0.0	95	114034	18.6	
71 2-Nitropropane	41	6.764	6.764	0.0	100	48430	33.9	
72 2-Chloroethyl vinyl ether	63	6.797	6.797	0.0	93	56945	18.9	
73 Epichlorohydrin	57	6.895	6.895	0.0	97	204204	371.9	
74 cis-1,3-Dichloropropene	75	6.953	6.953	0.0	90	131562	19.6	
75 4-Methyl-2-pentanone (MIBK)	43	7.150	7.151	-0.001	99	599389	95.7	
$ 76 Toluene-d8 (Surr)	98	7.200	7.200	0.0	95	708908	48.1	
77 Toluene	91	7.282	7.282	0.0	92	317488	19.4	
78 trans-1,3-Dichloropropene	75	7.652	7.653	-0.001	93	114888	18.9	
79 Ethyl methacrylate	69	7.710	7.702	0.008	92	108015	18.6	
80 1,1,2-Trichloroethane	83	7.842	7.842	0.0	90	71773	19.7	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
81 Tetrachloroethene	166	7.858	7.858	0.0	86	85359	19.7	
82 1,3-Dichloropropane	76	8.023	8.023	0.0	96	140664	19.5	
83 2-Hexanone	43	8.097	8.097	0.0	98	419374	90.2	
84 Chlorodibromomethane	129	8.212	8.212	0.0	74	88812	18.9	
85 n-Butyl acetate	73	8.212	8.212	0.0	96	18972	18.5	
86 Ethylene Dibromide	107	8.327	8.327	0.0	99	86491	18.9	
* 87 Chlorobenzene-d5	117	8.763	8.764	-0.001	89	589796	50.0	
88 Chlorobenzene	112	8.788	8.788	0.0	89	224429	19.5	
89 Ethylbenzene	106	8.879	8.871	0.008	99	113003	20.2	
90 1,1,1,2-Tetrachloroethane	131	8.887	8.887	0.0	86	82231	19.5	
91 m-Xylene & p-Xylene	106	8.994	8.994	0.0	99	139123	20.3	
137 n-Butyl acrylate	73	9.356	9.356	0.0	68	66018	18.2	
92 o-Xylene	106	9.356	9.356	0.0	91	137064	20.4	
93 Styrene	104	9.389	9.389	0.0	92	240667	20.4	
94 Amyl acetate (mixed isomers)	43	9.562	9.562	0.0	87	204385	18.4	
95 Bromoform	173	9.570	9.570	0.0	96	64937	18.9	
96 Isopropylbenzene	105	9.677	9.677	0.0	97	365485	21.0	
$ 97 4-Bromofluorobenzene	174	9.858	9.850	0.008	93	266773	46.0	
98 Camphene	41	9.866	9.866	0.0	89	30122	20.2	
103 trans-1,4-Dichloro-2-butene	53	10.072	9.866	0.206	51	36719	18.1	
99 Bromobenzene	156	9.973	9.973	0.0	94	109217	20.0	
100 1,1,2,2-Tetrachloroethane	83	10.014	10.015	-0.001	91	120426	19.7	
101 N-Propylbenzene	91	10.039	10.031	0.008	98	440701	20.9	
102 1,2,3-Trichloropropane	110	10.056	10.056	0.0	87	35541	19.4	
104 2-Chlorotoluene	91	10.130	10.130	0.0	96	318174	20.2	
105 4-Ethyltoluene	105	10.138	10.130	0.008	91	346759	19.9	
106 1,3,5-Trimethylbenzene	105	10.195	10.187	0.008	92	304988	20.7	
107 4-Chlorotoluene	91	10.228	10.229	-0.001	98	299050	20.0	
108 Butyl Methacrylate	87	10.278	10.278	0.0	98	106035	18.8	
109 tert-Butylbenzene	119	10.451	10.451	0.0	92	245017	21.0	
110 1,2,4-Trimethylbenzene	105	10.500	10.500	0.0	99	323734	20.5	
111 sec-Butylbenzene	105	10.632	10.632	0.0	98	341548	21.6	
112 4-Isopropyltoluene	119	10.747	10.747	0.0	96	291568	21.3	
113 1,3-Dichlorobenzene	146	10.755	10.747	0.008	93	190429	20.7	
* 115 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.0	96	341173	50.0	
116 1,4-Dichlorobenzene	146	10.829	10.829	0.0	92	196111	19.8	
118 Benzyl chloride	91	10.953	10.953	0.0	97	159033	18.5	
119 2,3-Dihydroindene	117	11.010	11.010	0.0	90	323976	19.8	
120 p-Diethylbenzene	119	11.051	11.051	0.0	80	168924	20.4	
121 n-Butylbenzene	91	11.076	11.068	0.008	96	328375	21.3	
122 1,2-Dichlorobenzene	146	11.134	11.134	0.0	94	190235	19.9	
123 1,2,4,5-Tetramethylbenzene	119	11.669	11.660	0.009	97	265630	19.9	
124 1,2-Dibromo-3-Chloropropane	75	11.759	11.759	0.0	90	18500	18.6	
125 1,3,5-Trichlorobenzene	180	11.866	11.866	0.0	96	118141	19.5	
126 Camphor	95	12.286	12.286	0.0	95	50191	92.4	
127 1,2,4-Trichlorobenzene	180	12.368	12.360	0.008	93	105849	20.9	
128 Hexachlorobutadiene	225	12.450	12.451	-0.001	92	43996	22.2	
130 Naphthalene	128	12.582	12.582	0.0	99	245279	21.4	
131 1,2,3-Trichlorobenzene	180	12.788	12.788	0.0	93	83575	23.2	
S 134 Xylenes, Total	100				0		40.7	

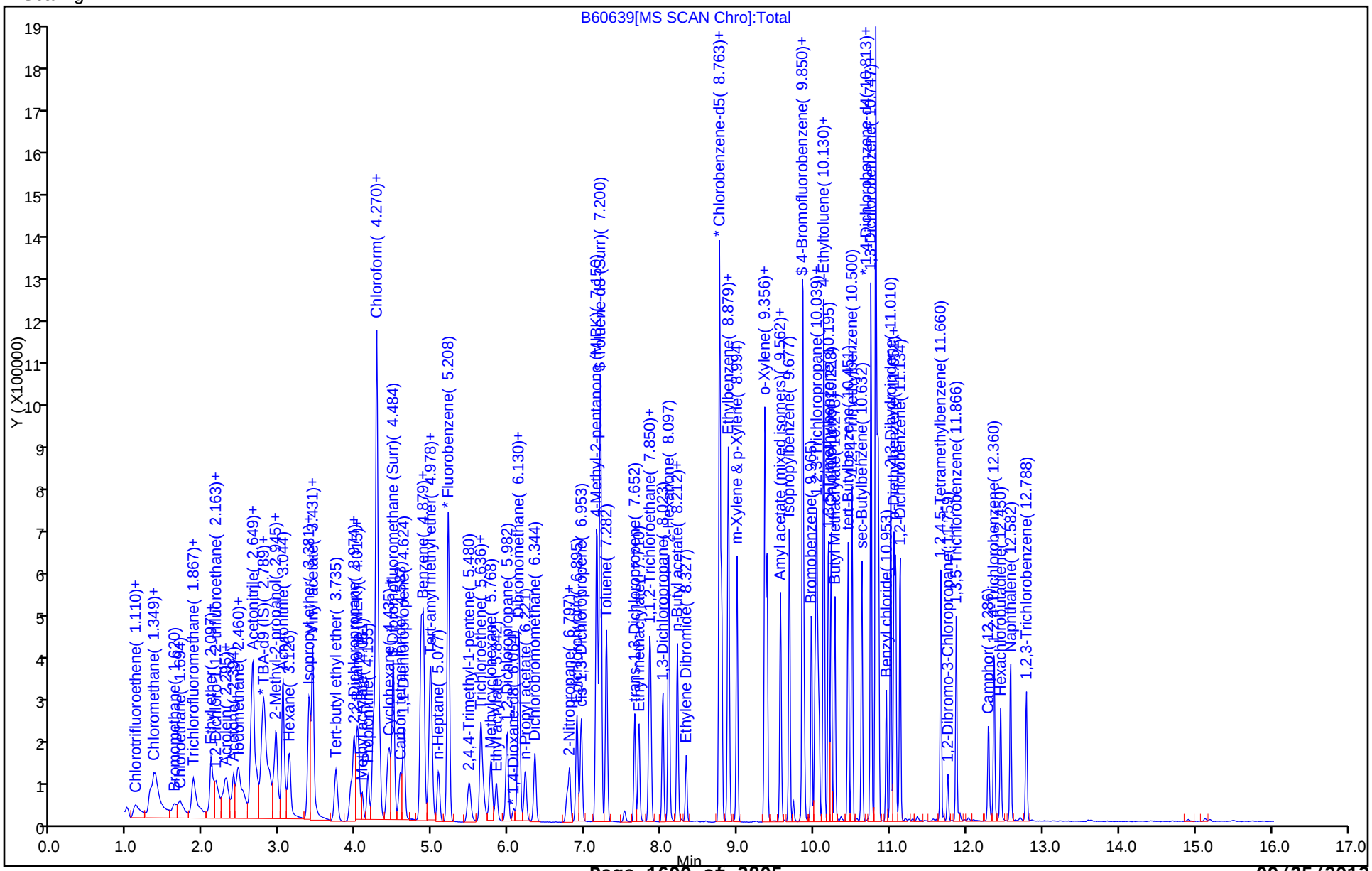
Report Date: 19-Sep-2013 04:04:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS2\20130918-4786.b\B60639.D

Injection Date:	18-Sep-2013 22:54:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS2
Lims Batch ID:	182063	Lims Sample ID:	3
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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-182082/4

Matrix: Solid Lab File ID: D363116.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/19/2013 05:03

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.: 182082 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	17.7		1.0	0.43
75-01-4	Vinyl chloride	16.8		1.0	0.34
75-00-3	Chloroethane	18.8		1.0	0.33
75-09-2	Methylene Chloride	16.6		1.0	0.15
67-64-1	Acetone	101		10	1.7
75-15-0	Carbon disulfide	20.2		1.0	0.15
75-69-4	Trichlorofluoromethane	16.4		1.0	0.16
75-35-4	1,1-Dichloroethene	19.3		1.0	0.19
75-34-3	1,1-Dichloroethane	16.9		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	15.6		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	16.4		1.0	0.11
67-66-3	Chloroform	15.7		1.0	0.24
78-93-3	2-Butanone	90.6		10	0.63
107-06-2	1,2-Dichloroethane	15.6		1.0	0.18
71-55-6	1,1,1-Trichloroethane	15.8		1.0	0.13
56-23-5	Carbon tetrachloride	16.0		1.0	0.15
71-43-2	Benzene	18.0		1.0	0.15
75-25-2	Bromoform	17.8		1.0	0.17
100-42-5	Styrene	17.5		1.0	0.28
100-41-4	Ethylbenzene	18.7		1.0	0.17
108-90-7	Chlorobenzene	18.2		1.0	0.18
110-82-7	Cyclohexane	16.7		1.0	0.13
98-82-8	Isopropylbenzene	18.6		1.0	0.11
591-78-6	2-Hexanone	105		10	0.13
1634-04-4	MTBE	16.5		1.0	0.11
76-13-1	Freon TF	18.7		1.0	0.11
79-20-9	Methyl acetate	101		1.0	0.32
123-91-1	1,4-Dioxane	382		50	13
79-01-6	Trichloroethene	17.4		1.0	0.12
108-88-3	Toluene	17.7		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	17.6		1.0	0.10
108-10-1	4-Methyl-2-pentanone	105		10	0.20
10061-01-5	cis-1,3-Dichloropropene	17.8		1.0	0.14
95-50-1	1,2-Dichlorobenzene	18.4		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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-182082/4

Matrix: Solid | Lab File ID: D363116.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/19/2013 05:03

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.: 182082 | 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	18.0		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	18.9		1.0	0.16
78-87-5	1,2-Dichloropropane	18.4		1.0	0.15
108-87-2	Methylcyclohexane	17.3		1.0	0.10
127-18-4	Tetrachloroethene	18.0		1.0	0.12
1330-20-7	Xylenes, Total	35.9		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	19.1		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	20.7		1.0	0.090
79-00-5	1,1,2-Trichloroethane	19.9		1.0	0.14
124-48-1	Dibromochloromethane	17.5		1.0	0.10
106-93-4	1,2-Dibromoethane	17.2		1.0	0.15
75-71-8	Dichlorodifluoromethane	12.2		1.0	0.22
74-97-5	Bromochloromethane	15.7		1.0	0.11
75-27-4	Bromodichloromethane	16.8		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
460-00-4	Bromofluorobenzene	105		70-130
1868-53-7	Dibromofluoromethane (Surr)	90		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363116.D
Lims ID: LCS
Client ID:
Inject. Date: 19-Sep-2013 05:03:30
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: LCSD
Misc. Info.: 460-0004794-004
Operator:
Instrument ID: CVOAMS4
Purge Vol: 5.000 mL
ALS Bottle#: 3
Lims Batch ID: 182082
Lims Sample ID: 4
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\8260S_4.m
Last Update: 19-Sep-2013 17:37:09
Calib Date: 05-Sep-2013 06:32:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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: baronm
Date: 19-Sep-2013 17:37:09

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.207	1.202	0.005	69	143469	12.2	
2 Chloromethane	50	1.289	1.289	0.0	77	86033	15.5	
149 Butadiene	54	1.357	1.337	0.020	81	85624	18.2	
4 Vinyl chloride	62	1.361	1.347	0.014	82	103432	16.8	
6 Bromomethane	94	1.544	1.530	0.014	90	83517	17.7	
7 Chloroethane	64	1.617	1.607	0.010	89	63170	18.8	
8 Trichlorofluoromethane	101	1.703	1.694	0.009	87	237910	16.4	
9 Dichlorofluoromethane	67	1.756	1.742	0.014	90	223221	19.7	
14 2-Methyl-1,3-butadiene	67	1.877	1.852	0.025	98	147650	21.1	
13 Ethyl ether	59	1.881	1.867	0.014	59	49146	21.4	
11 Ethanol	45	1.877	1.872	0.005	36	28333	1145.5	
34 Isopropyl alcohol	45	1.877	1.872	0.005	32	29786	230.5	
18 1,1-Dichloroethene	96	2.002	1.992	0.010	87	95578	19.3	
21 Carbon disulfide	76	2.016	2.007	0.009	100	327160	20.2	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.069	2.064	0.005	94	131166	18.7	
20 Iodomethane	142	2.093	2.088	0.005	99	174934	18.2	
22 Cyclopentene	67	2.194	2.185	0.009	93	266109	21.1	
17 Acrolein	56	2.233	2.228	0.005	20	16861	121.7	
147 3-Chloro-1-propene	76	2.315	2.305	0.010	72	45780	17.3	
25 Methylene Chloride	84	2.392	2.382	0.010	79	80927	16.6	
19 Acetone	43	2.435	2.425	0.010	73	81868	100.8	
29 trans-1,2-Dichloroethene	96	2.493	2.488	0.005	85	92188	15.6	
23 Methyl acetate	43	2.522	2.517	0.005	96	228787	101.2	
32 Hexane	57	2.560	2.551	0.009	92	140697	18.3	
27 Methyl tert-butyl ether	73	2.594	2.599	-0.005	94	201915	16.5	
* 151 TBA-d9 (IS)	65	2.652	2.652	0.0	90	224330	1000.0	
26 2-Methyl-2-propanol	59	2.710	2.705	0.005	76	60764	173.2	
24 Acetonitrile	41	2.767	2.763	0.004	94	21055	127.4	
35 Isopropyl ether	45	2.869	2.864	0.005	92	175884	19.1	
33 2-Chloro-1,3-butadiene	88	2.912	2.907	0.005	87	86589	18.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
36 1,1-Dichloroethane	63	2.941	2.926	0.015	92	134198	16.9	
30 Acrylonitrile	53	2.984	2.974	0.010	96	115487	189.9	
40 Tert-butyl ethyl ether	59	3.143	3.129	0.014	84	217251	17.5	
37 Vinyl acetate	43	3.148	3.133	0.015	99	143226	37.9	
38 Allyl alcohol	57	3.138	3.138	0.0	44	61333	466.9	
42 cis-1,2-Dichloroethene	96	3.345	3.340	0.005	92	88091	16.4	
41 2,2-Dichloropropane	77	3.442	3.437	0.005	83	178544	16.5	
46 Chlorobromomethane	128	3.504	3.494	0.010	78	39502	15.7	
49 Cyclohexane	56	3.514	3.499	0.015	80	130654	16.7	
47 Chloroform	83	3.581	3.567	0.014	88	159115	15.7	
51 Carbon tetrachloride	117	3.692	3.682	0.010	89	206547	16.0	
44 Ethyl acetate	70	3.697	3.687	0.010	4	10340	34.3	M
45 Tetrahydrofuran	42	3.706	3.702	0.004	36	25354	41.4	
$ 152 Dibromofluoromethane (Surr)	113	3.726	3.721	0.005	95	177034	44.9	
50 1,1,1-Trichloroethane	97	3.740	3.730	0.010	83	199458	15.8	
52 1,1-Dichloropropene	75	3.832	3.822	0.010	93	121278	17.3	
43 2-Butanone (MEK)	72	3.841	3.841	0.0	46	29412	90.6	
53 Benzene	78	4.053	4.043	0.010	95	299180	18.0	
58 n-Heptane	57	4.044	4.043	0.001	55	64621	18.4	
48 Propionitrile	54	4.096	4.087	0.009	20	43628	184.8	
31 Methacrylonitrile	67	4.106	4.101	0.005	83	164085	185.8	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.174	4.169	0.005	96	186634	44.5	
142 Tert-amyl methyl ether	73	4.188	4.173	0.015	97	189449	16.3	
55 1,2-Dichloroethane	62	4.241	4.236	0.005	90	102529	15.6	
56 Isobutyl alcohol	43	4.347	4.352	-0.005	1	11736	404.4	
* 59 Fluorobenzene	96	4.434	4.429	0.005	99	672647	50.0	
60 2,4,4-Trimethyl-1-pentene	57	4.477	4.477	0.0	90	443464	38.4	
57 Isopropyl acetate	43	4.525	4.525	0.0	91	84101	18.3	
63 Methylcyclohexane	83	4.583	4.573	0.010	91	183540	17.3	
39 Methyl acrylate	55	4.578	4.578	0.0	65	131736	17.6	
61 Trichloroethene	95	4.597	4.588	0.009	91	101311	17.4	
68 Dibromomethane	93	5.011	5.007	0.005	88	39192	16.6	
62 n-Butanol	56	5.045	5.045	0.0	68	21948	497.9	
65 1,2-Dichloropropane	63	5.108	5.103	0.005	77	62489	18.4	
64 Ethyl acrylate	55	5.199	5.194	0.005	58	46695	18.8	
70 Dichlorobromomethane	83	5.204	5.199	0.005	94	115307	16.8	
* 150 1,4-Dioxane-d8	96	5.411	5.406	0.005	80	22521	1000.0	
66 Methyl methacrylate	100	5.416	5.411	0.005	72	29132	34.7	
67 1,4-Dioxane	88	5.425	5.435	-0.010	7	14196	382.4	
69 n-Propyl acetate	43	5.589	5.584	0.005	94	46184	20.8	
72 2-Chloroethyl vinyl ether	63	5.864	5.864	0.0	86	21936	23.1	
74 cis-1,3-Dichloropropene	75	5.893	5.888	0.005	90	97058	17.8	
$ 76 Toluene-d8 (Surr)	98	6.104	6.104	0.0	97	682421	52.6	
77 Toluene	91	6.162	6.157	0.005	93	363784	17.7	
73 Epichlorohydrin	57	6.201	6.201	0.0	94	61679	391.3	
71 2-Nitropropane	41	6.446	6.441	0.005	99	25634	35.8	
80 Tetrachloroethene	166	6.605	6.605	0.0	89	109294	18.0	
75 4-Methyl-2-pentanone (MIBK)	43	6.673	6.668	0.005	91	170943	105.4	
78 trans-1,3-Dichloropropene	75	6.692	6.687	0.005	95	83781	17.6	
79 1,1,2-Trichloroethane	83	6.875	6.870	0.005	87	40992	19.9	
82 Ethyl methacrylate	69	6.947	6.947	0.0	88	57383	16.7	
84 Chlorodibromomethane	129	7.048	7.048	0.0	93	74138	17.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
81 1,3-Dichloropropane	76	7.159	7.159	0.0	89	81727	19.6	
86 Ethylene Dibromide	107	7.270	7.265	0.005	94	47897	17.2	
85 n-Butyl acetate	73	7.535	7.539	-0.004	92	9926	20.0	
83 2-Hexanone	43	7.588	7.588	0.0	89	120160	104.9	
* 87 Chlorobenzene-d5	117	7.799	7.795	0.004	81	488288	50.0	
88 Chlorobenzene	112	7.814	7.814	0.0	91	229275	18.2	
89 Ethylbenzene	106	7.867	7.867	0.0	98	136869	18.7	
90 1,1,1,2-Tetrachloroethane	131	7.891	7.891	0.0	87	92593	16.9	
91 m-Xylene & p-Xylene	106	8.011	8.011	0.0	98	162508	17.8	
92 o-Xylene	106	8.387	8.387	0.0	91	153884	18.1	
97 Bromoform	173	8.430	8.430	0.0	51	46742	17.8	
94 Styrene	104	8.435	8.435	0.0	92	214784	17.5	
93 n-Butyl acrylate	73	8.599	8.604	-0.005	94	33473	16.8	
98 Isopropylbenzene	105	8.661	8.661	0.0	96	478587	18.6	
95 Camphene	41	8.734	8.738	-0.004	95	38825	19.2	
96 Amyl acetate (mixed isomers)	43	8.820	8.825	-0.005	93	66521	22.4	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	89	207808	52.3	
100 Bromobenzene	156	8.941	8.941	0.0	95	95840	18.3	
102 N-Propylbenzene	91	8.998	8.998	0.0	98	533827	19.7	
101 1,1,2,2-Tetrachloroethane	83	9.071	9.071	0.0	92	62594	20.7	
143 4-Ethyltoluene	105	9.095	9.095	0.0	97	513982	21.4	
105 2-Chlorotoluene	91	9.100	9.100	0.0	95	399198	20.6	
103 1,2,3-Trichloropropane	110	9.153	9.152	0.001	92	21252	18.4	
106 1,3,5-Trimethylbenzene	105	9.167	9.167	0.0	90	425971	20.1	
104 trans-1,4-Dichloro-2-butene	53	9.206	9.205	0.001	59	16539	22.6	
107 4-Chlorotoluene	91	9.234	9.234	0.0	99	321020	19.5	
109 tert-Butylbenzene	119	9.403	9.403	0.0	73	339615	19.6	
108 Butyl Methacrylate	87	9.427	9.432	-0.005	84	95237	21.9	
110 1,2,4-Trimethylbenzene	105	9.461	9.461	0.0	96	418742	20.1	
113 sec-Butylbenzene	105	9.538	9.538	0.0	98	518229	19.9	
114 4-Isopropyltoluene	119	9.658	9.658	0.0	89	454818	19.5	
115 1,3-Dichlorobenzene	146	9.677	9.677	0.0	90	200410	18.4	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	95	256776	50.0	
117 1,4-Dichlorobenzene	146	9.750	9.750	0.0	92	196436	18.6	
119 2,3-Dihydroindene	117	9.870	9.870	0.0	90	364672	16.2	
133 p-Diethylbenzene	119	9.923	9.923	0.0	93	294271	20.5	
118 Benzyl chloride	126	9.942	9.942	0.0	97	32318	22.6	
120 n-Butylbenzene	92	9.966	9.966	0.0	98	245260	20.0	
121 1,2-Dichlorobenzene	146	10.053	10.053	0.0	94	185661	18.4	
132 1,2,4,5-Tetramethylbenzene	119	10.506	10.506	0.0	95	423625	19.9	
122 1,2-Dibromo-3-Chloropropane	157	10.631	10.631	0.0	35	16769	19.1	
145 1,3,5-Trichlorobenzene	180	10.655	10.655	0.0	97	209826	21.2	
126 Hexachlorobutadiene	225	11.093	11.093	0.0	91	108136	18.4	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	93	154591	18.0	
123 Camphor	95	11.300	11.300	0.0	86	37516	130.7	
127 Naphthalene	128	11.329	11.329	0.0	98	272188	19.4	
128 1,2,3-Trichlorobenzene	180	11.464	11.464	0.0	95	140985	18.9	
S 131 Xylenes, Total	100				0		35.9	

QC Flag Legend

Review Flags
M - Manually Integrated

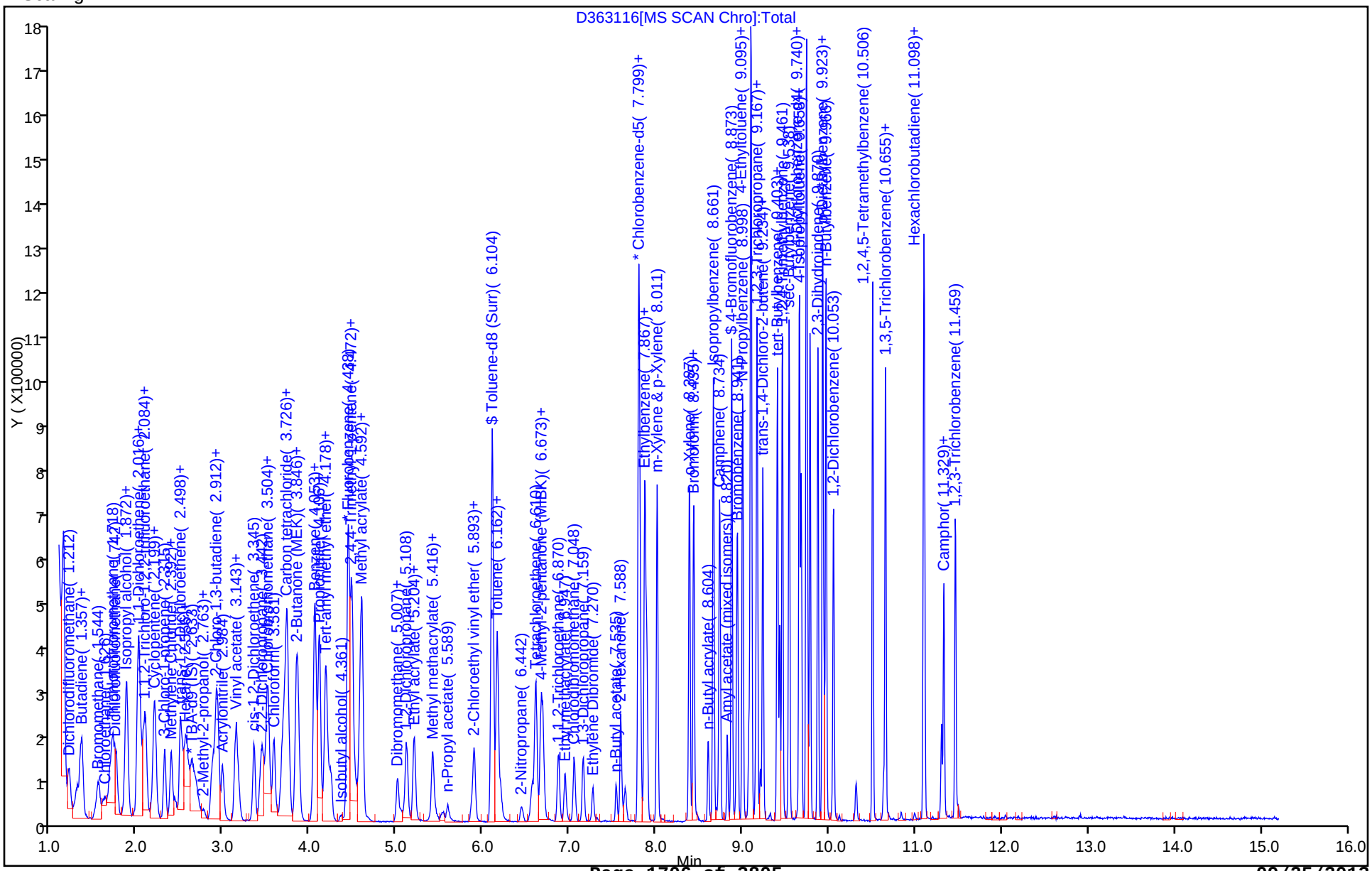
Report Date: 19-Sep-2013 17:37:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363116.D

Injection Date:	19-Sep-2013 05:03:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182082	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.: 460-62968-1

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		100	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.: 460-62968-1

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	

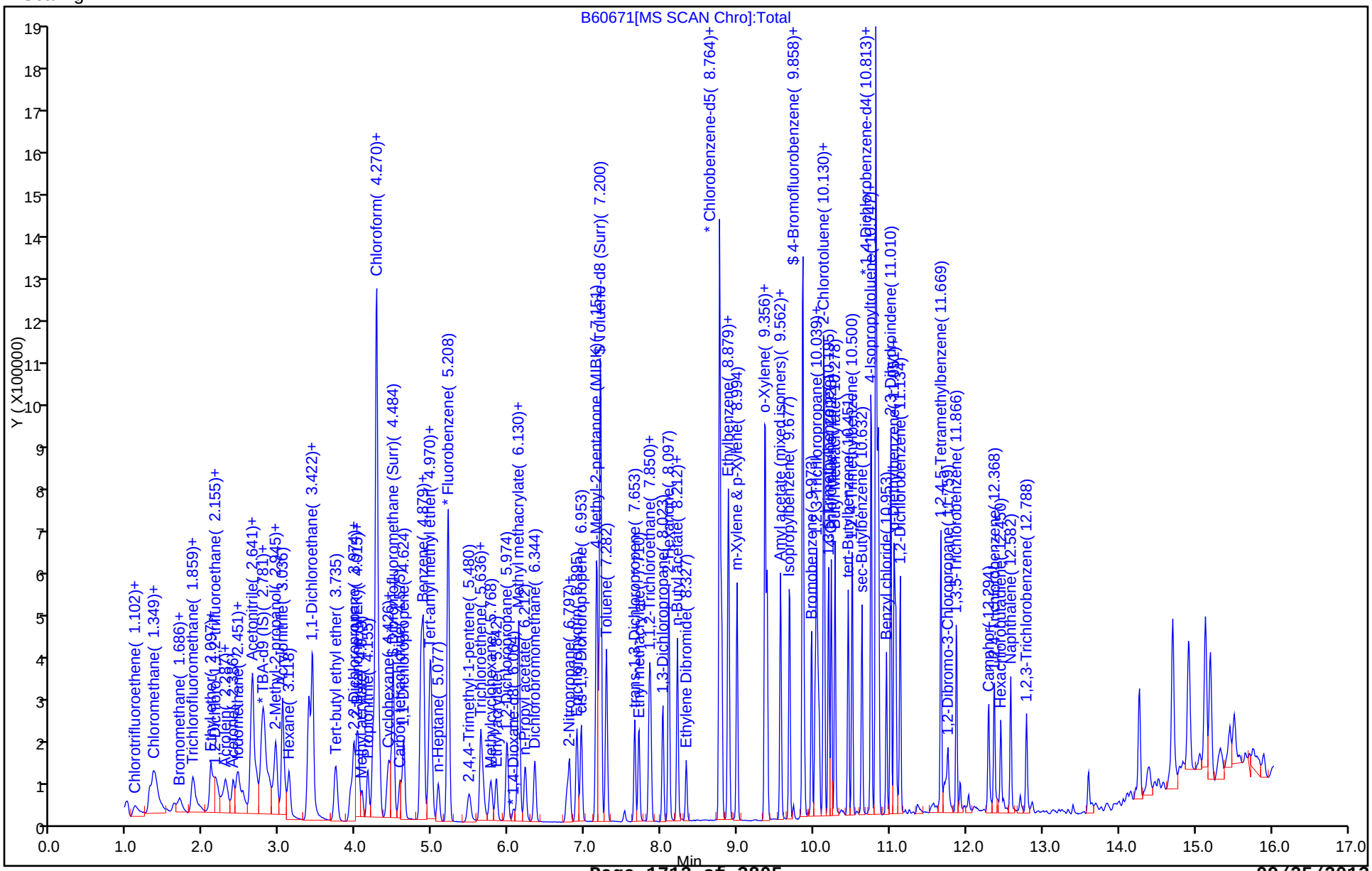
Report Date: 19-Sep-2013 15:23:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-182221/3

Matrix: Solid Lab File ID: D363138.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/19/2013 13:45

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.: 182221 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	20.7		1.0	0.43
75-01-4	Vinyl chloride	20.9		1.0	0.34
75-00-3	Chloroethane	20.6		1.0	0.33
75-09-2	Methylene Chloride	18.1		1.0	0.15
67-64-1	Acetone	98.9		5.0	1.7
75-15-0	Carbon disulfide	20.5		1.0	0.15
75-69-4	Trichlorofluoromethane	17.4		1.0	0.16
75-35-4	1,1-Dichloroethene	20.2		1.0	0.19
75-34-3	1,1-Dichloroethane	19.1		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	17.0		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.1		1.0	0.11
67-66-3	Chloroform	18.2		1.0	0.24
78-93-3	2-Butanone	109		5.0	0.63
107-06-2	1,2-Dichloroethane	16.3		1.0	0.18
71-55-6	1,1,1-Trichloroethane	17.2		1.0	0.13
56-23-5	Carbon tetrachloride	17.1		1.0	0.15
71-43-2	Benzene	20.1		1.0	0.15
75-25-2	Bromoform	18.8		1.0	0.17
100-42-5	Styrene	19.8		1.0	0.28
100-41-4	Ethylbenzene	20.4		1.0	0.17
108-90-7	Chlorobenzene	19.2		1.0	0.18
110-82-7	Cyclohexane	19.1		1.0	0.13
98-82-8	Isopropylbenzene	20.6		1.0	0.11
591-78-6	2-Hexanone	91.0		5.0	0.13
1634-04-4	MTBE	18.4		1.0	0.11
76-13-1	Freon TF	20.6		1.0	0.11
79-20-9	Methyl acetate	103		1.0	0.32
123-91-1	1,4-Dioxane	347		20	13
79-01-6	Trichloroethene	18.3		1.0	0.12
108-88-3	Toluene	19.4		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	19.4		1.0	0.10
108-10-1	4-Methyl-2-pentanone	102		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	18.8		1.0	0.14
95-50-1	1,2-Dichlorobenzene	19.1		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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-182221/3

Matrix: Solid | Lab File ID: D363138.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/19/2013 13:45

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.: 182221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.3		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	18.6		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	19.3		1.0	0.16
78-87-5	1,2-Dichloropropane	19.1		1.0	0.15
108-87-2	Methylcyclohexane	18.2		1.0	0.10
127-18-4	Tetrachloroethene	20.5		1.0	0.12
1330-20-7	Xylenes, Total	39.3		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	17.2		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	19.1		1.0	0.090
79-00-5	1,1,2-Trichloroethane	19.9		1.0	0.14
124-48-1	Dibromochloromethane	18.0		1.0	0.10
106-93-4	1,2-Dibromoethane	18.5		1.0	0.15
75-71-8	Dichlorodifluoromethane	17.4		1.0	0.22
74-97-5	Bromochloromethane	16.9		1.0	0.11
75-27-4	Bromodichloromethane	17.6		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		70-130
2037-26-5	Toluene-d8 (Surr)	103		70-130
460-00-4	Bromofluorobenzene	100		70-130
1868-53-7	Dibromofluoromethane (Surr)	93		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363138.D
Lims ID: LCS
Client ID:
Inject. Date: 19-Sep-2013 13:45:30
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: LCS
Misc. Info.: 460-0004820-003
Operator:
Instrument ID: CVOAMS4
Purge Vol: 5.000 mL
ALS Bottle#: 2
Lims Batch ID: 182221
Lims Sample ID: 3
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\8260S_4.m
Last Update: 19-Sep-2013 22:14:19
Calib Date: 05-Sep-2013 06:32:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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: XAWRK049

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.207	1.207	0.0	86	223052	17.4	
2 Chloromethane	50	1.294	1.294	0.0	77	118941	19.6	
149 Butadiene	54	1.347	1.347	0.0	90	113774	22.2	
4 Vinyl chloride	62	1.356	1.356	0.0	83	140494	20.9	
6 Bromomethane	94	1.544	1.544	0.0	93	106350	20.7	
7 Chloroethane	64	1.612	1.612	0.0	88	75378	20.6	
8 Trichlorofluoromethane	101	1.703	1.703	0.0	84	274997	17.4	
9 Dichlorofluoromethane	67	1.751	1.751	0.0	90	245419	19.9	
14 2-Methyl-1,3-butadiene	67	1.867	1.867	0.0	97	167203	22.0	
34 Isopropyl alcohol	45	1.872	1.872	0.0	35	34783	258.0	
11 Ethanol	45	1.872	1.872	0.0	37	32730	1281.5	
13 Ethyl ether	59	1.881	1.881	0.0	55	55863	22.4	
18 1,1-Dichloroethene	96	2.006	2.006	0.0	89	108775	20.2	
21 Carbon disulfide	76	2.016	2.016	0.0	99	361594	20.5	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.059	2.059	0.0	89	157546	20.6	
20 Iodomethane	142	2.093	2.093	0.0	99	206657	19.7	
22 Cyclopentene	67	2.199	2.199	0.0	93	288435	20.9	
17 Acrolein	56	2.233	2.233	0.0	28	15142	100.3	
147 3-Chloro-1-propene	76	2.315	2.315	0.0	71	58771	20.4	
25 Methylene Chloride	84	2.387	2.387	0.0	74	96105	18.1	
19 Acetone	43	2.435	2.435	0.0	80	87844	98.9	
29 trans-1,2-Dichloroethene	96	2.488	2.488	0.0	82	109538	17.0	
23 Methyl acetate	43	2.522	2.522	0.0	92	253734	103.0	
32 Hexane	57	2.555	2.555	0.0	85	172120	20.5	
27 Methyl tert-butyl ether	73	2.589	2.589	0.0	89	244179	18.4	
* 151 TBA-d9 (IS)	65	2.647	2.647	0.0	92	233994	1000.0	
26 2-Methyl-2-propanol	59	2.705	2.705	0.0	91	68839	189.7	
24 Acetonitrile	41	2.762	2.762	0.0	87	33754	191.4	
35 Isopropyl ether	45	2.868	2.868	0.0	90	198411	19.8	
33 2-Chloro-1,3-butadiene	88	2.912	2.912	0.0	84	99608	19.4	
36 1,1-Dichloroethane	63	2.931	2.931	0.0	92	165152	19.1	
30 Acrylonitrile	53	2.979	2.979	0.0	89	121325	183.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Allyl alcohol	57	3.133	3.133	0.0	46	69145	495.3	
40 Tert-butyl ethyl ether	59	3.138	3.138	0.0	85	253277	18.7	
37 Vinyl acetate	43	3.138	3.138	0.0	78	154417	37.5	
42 cis-1,2-Dichloroethene	96	3.345	3.345	0.0	93	105412	18.1	
41 2,2-Dichloropropane	77	3.441	3.441	0.0	88	218489	18.5	
46 Chlorobromomethane	128	3.504	3.504	0.0	68	46351	16.9	
49 Cyclohexane	56	3.504	3.504	0.0	85	162644	19.1	
47 Chloroform	83	3.576	3.576	0.0	89	201545	18.2	
51 Carbon tetrachloride	117	3.677	3.677	0.0	89	239790	17.1	
44 Ethyl acetate	70	3.701	3.701	0.0	71	11129	33.8	
45 Tetrahydrofuran	42	3.706	3.706	0.0	53	26677	39.8	
$ 152 Dibromofluoromethane (Surr)	113	3.721	3.721	0.0	95	199218	46.3	
50 1,1,1-Trichloroethane	97	3.730	3.730	0.0	84	236855	17.2	
52 1,1-Dichloropropene	75	3.831	3.831	0.0	93	148362	19.5	
43 2-Butanone (MEK)	72	3.841	3.841	0.0	71	36787	108.6	
53 Benzene	78	4.048	4.048	0.0	88	371766	20.1	
58 n-Heptane	57	4.053	4.053	0.0	58	77223	20.2	
48 Propionitrile	54	4.087	4.087	0.0	20	45404	176.5	
31 Methacrylonitrile	67	4.101	4.101	0.0	78	179607	186.6	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.173	4.173	0.0	93	198024	43.3	
142 Tert-amyl methyl ether	73	4.183	4.183	0.0	97	226596	17.9	
55 1,2-Dichloroethane	62	4.231	4.231	0.0	93	116950	16.3	
56 Isobutyl alcohol	43	4.352	4.352	0.0	1	13006	429.7	
* 59 Fluorobenzene	96	4.433	4.433	0.0	99	732965	50.0	
60 2,4,4-Trimethyl-1-pentene	57	4.477	4.477	0.0	90	493359	39.2	
57 Isopropyl acetate	43	4.525	4.525	0.0	76	77279	15.4	
63 Methylcyclohexane	83	4.587	4.587	0.0	91	210452	18.2	
39 Methyl acrylate	55	4.587	4.587	0.0	57	152786	18.8	
61 Trichloroethene	95	4.597	4.597	0.0	91	116150	18.3	
68 Dibromomethane	93	5.002	5.002	0.0	90	47029	18.3	
62 n-Butanol	56	5.050	5.050	0.0	76	18248	392.7	
65 1,2-Dichloropropane	63	5.108	5.108	0.0	79	70528	19.1	
64 Ethyl acrylate	55	5.199	5.199	0.0	50	45405	16.9	
70 Dichlorobromomethane	83	5.199	5.199	0.0	95	131515	17.6	
* 150 1,4-Dioxane-d8	96	5.406	5.406	0.0	77	22900	1000.0	
66 Methyl methacrylate	100	5.411	5.411	0.0	74	30997	33.9	
67 1,4-Dioxane	88	5.445	5.445	0.0	25	13181	347.5	
69 n-Propyl acetate	43	5.584	5.584	0.0	95	43040	17.8	
72 2-Chloroethyl vinyl ether	63	5.873	5.873	0.0	59	23407	22.6	
74 cis-1,3-Dichloropropene	75	5.892	5.892	0.0	90	114374	18.8	
$ 76 Toluene-d8 (Surr)	98	6.104	6.104	0.0	98	744197	51.6	
77 Toluene	91	6.162	6.162	0.0	93	442562	19.4	
73 Epichlorohydrin	57	6.196	6.196	0.0	96	66111	376.8	
71 2-Nitropropane	41	6.446	6.446	0.0	97	27096	34.8	
80 Tetrachloroethene	166	6.610	6.610	0.0	91	138776	20.5	
75 4-Methyl-2-pentanone (MIBK)	43	6.668	6.668	0.0	92	183921	101.9	
78 trans-1,3-Dichloropropene	75	6.692	6.692	0.0	93	102345	19.4	
79 1,1,2-Trichloroethane	83	6.870	6.870	0.0	87	45535	19.9	
82 Ethyl methacrylate	69	6.947	6.947	0.0	82	70311	18.7	
84 Chlorodibromomethane	129	7.048	7.048	0.0	93	84653	18.0	
81 1,3-Dichloropropane	76	7.154	7.154	0.0	90	95169	20.5	
86 Ethylene Dibromide	107	7.270	7.270	0.0	98	57249	18.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
85 n-Butyl acetate	73	7.530	7.530	0.0	94	11097	20.1	
83 2-Hexanone	43	7.587	7.587	0.0	93	115965	91.0	
* 87 Chlorobenzene-d5	117	7.794	7.794	0.0	83	543589	50.0	
88 Chlorobenzene	112	7.809	7.809	0.0	92	268895	19.2	
89 Ethylbenzene	106	7.867	7.867	0.0	98	165611	20.4	
90 1,1,1,2-Tetrachloroethane	131	7.891	7.891	0.0	87	111007	18.2	
91 m-Xylene & p-Xylene	106	8.011	8.011	0.0	97	195526	19.3	
92 o-Xylene	106	8.382	8.382	0.0	91	190157	20.1	
97 Bromoform	173	8.430	8.430	0.0	47	54982	18.8	
94 Styrene	104	8.430	8.430	0.0	93	270604	19.8	
93 n-Butyl acrylate	73	8.599	8.599	0.0	93	43392	19.6	
98 Isopropylbenzene	105	8.661	8.661	0.0	96	591274	20.6	
95 Camphene	41	8.729	8.729	0.0	96	45397	20.1	
96 Amyl acetate (mixed isomers)	43	8.820	8.820	0.0	92	69622	19.5	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	91	238029	49.8	
100 Bromobenzene	156	8.936	8.936	0.0	94	118157	18.8	
102 N-Propylbenzene	91	8.998	8.998	0.0	99	681590	21.0	
101 1,1,2,2-Tetrachloroethane	83	9.071	9.071	0.0	84	69506	19.1	
143 4-Ethyltoluene	105	9.090	9.090	0.0	96	591413	20.5	
105 2-Chlorotoluene	91	9.099	9.099	0.0	95	462653	19.9	
103 1,2,3-Trichloropropane	110	9.152	9.152	0.0	86	25064	18.0	
106 1,3,5-Trimethylbenzene	105	9.167	9.167	0.0	91	508042	19.9	
104 trans-1,4-Dichloro-2-butene	53	9.205	9.205	0.0	63	18139	20.7	
107 4-Chlorotoluene	91	9.234	9.234	0.0	98	387806	19.6	
109 tert-Butylbenzene	119	9.403	9.403	0.0	69	405726	19.5	
108 Butyl Methacrylate	87	9.427	9.427	0.0	87	105349	20.2	
110 1,2,4-Trimethylbenzene	105	9.461	9.461	0.0	97	510940	20.4	
113 sec-Butylbenzene	105	9.538	9.538	0.0	98	643566	20.5	
114 4-Isopropyltoluene	119	9.653	9.653	0.0	85	581182	20.7	
115 1,3-Dichlorobenzene	146	9.677	9.677	0.0	91	245646	18.7	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	95	308499	50.0	
117 1,4-Dichlorobenzene	146	9.745	9.745	0.0	94	244888	19.3	
119 2,3-Dihydroindene	117	9.870	9.870	0.0	84	442359	18.0	
133 p-Diethylbenzene	119	9.923	9.923	0.0	94	344313	20.0	
118 Benzyl chloride	126	9.942	9.942	0.0	69	30888	17.8	
120 n-Butylbenzene	92	9.961	9.961	0.0	99	299787	20.4	
121 1,2-Dichlorobenzene	146	10.048	10.048	0.0	94	231566	19.1	
132 1,2,4,5-Tetramethylbenzene	119	10.501	10.501	0.0	96	521781	20.4	
122 1,2-Dibromo-3-Chloropropane	157	10.631	10.631	0.0	81	18159	17.2	
145 1,3,5-Trichlorobenzene	180	10.650	10.650	0.0	97	243251	20.4	
126 Hexachlorobutadiene	225	11.093	11.093	0.0	91	136572	19.4	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	94	191975	18.6	
123 Camphor	95	11.300	11.300	0.0	86	36983	106.0	
127 Naphthalene	128	11.324	11.324	0.0	99	322640	19.2	
128 1,2,3-Trichlorobenzene	180	11.459	11.459	0.0	95	173380	19.3	
S 130 1,2-Dichloroethene, Total	100				0		35.0	
S 131 Xylenes, Total	100				0		39.3	
S 139 Total BTEX	1				0		99.1	

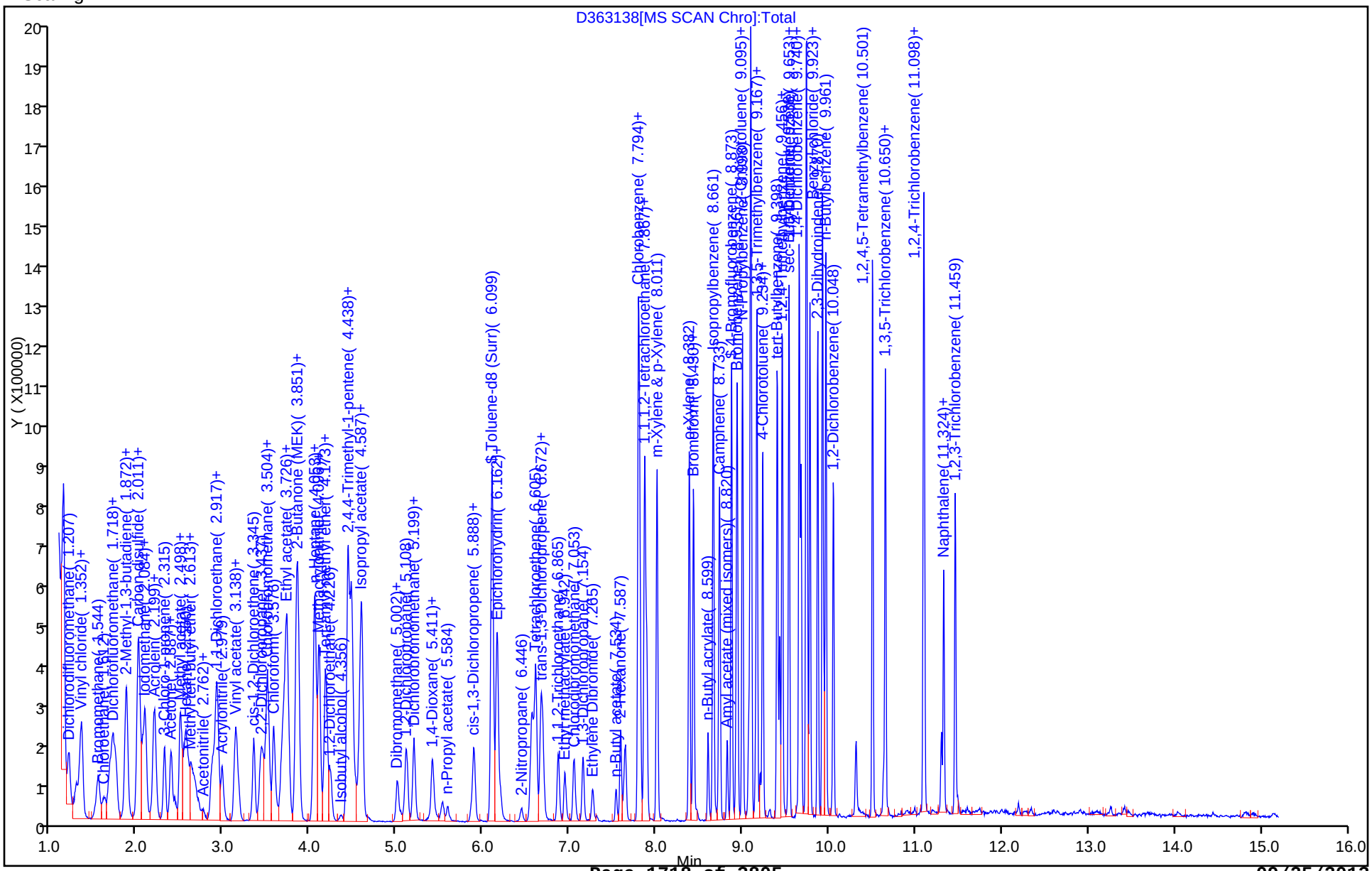
Report Date: 19-Sep-2013 22:14:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363138.D

Injection Date:	19-Sep-2013 13:45:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	3
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.: 460-62968-1

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.: 460-62968-1

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	

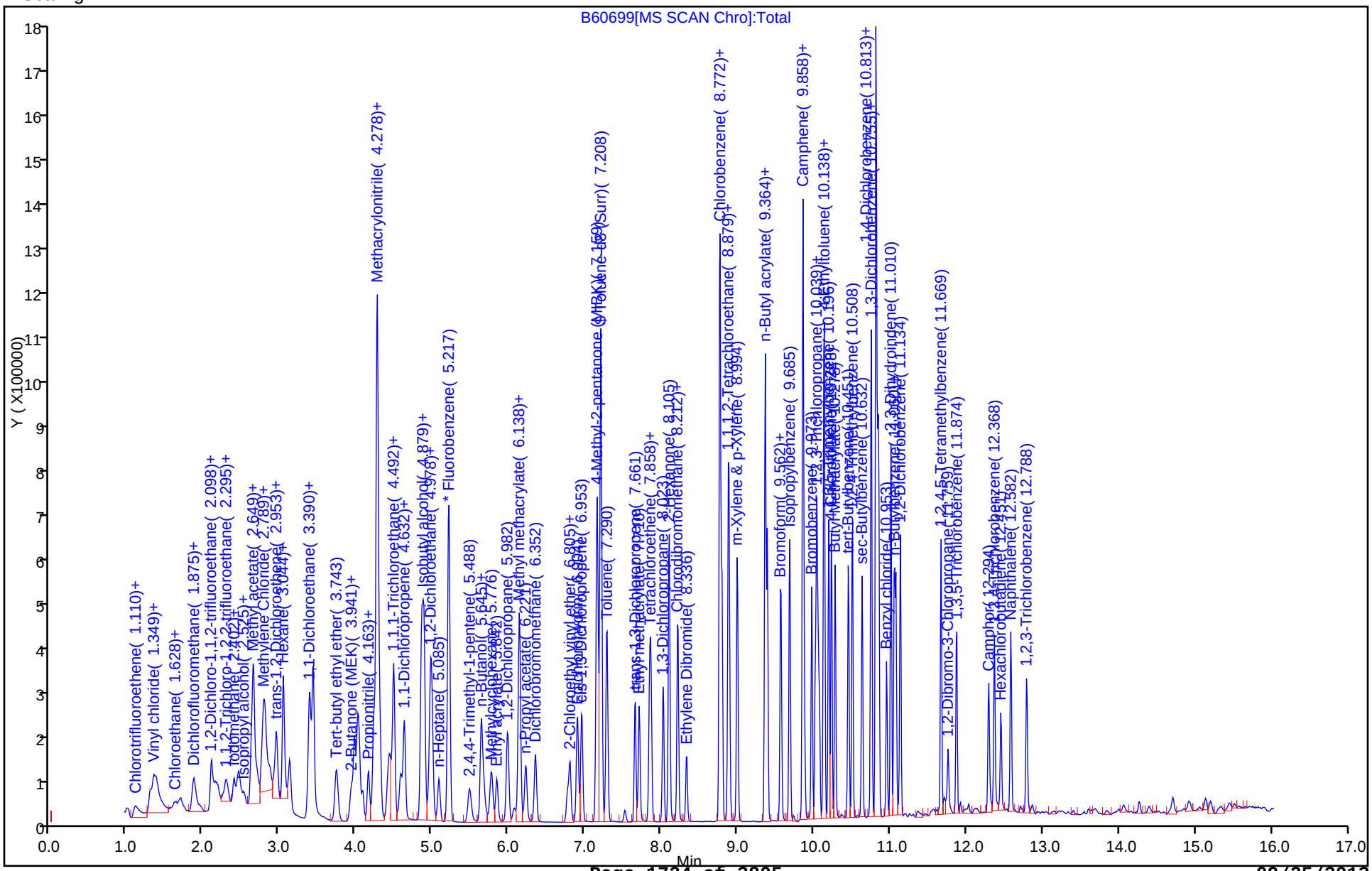
Report Date: 20-Sep-2013 11:00:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-182467/4

Matrix: Solid Lab File ID: D363219.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/21/2013 04:20

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.: 182467 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17.8		1.0	0.16
74-83-9	Bromomethane	20.5		1.0	0.43
75-01-4	Vinyl chloride	19.0		1.0	0.34
75-00-3	Chloroethane	19.3		1.0	0.33
75-09-2	Methylene Chloride	16.3		1.0	0.15
67-64-1	Acetone	84.8		5.0	1.7
75-15-0	Carbon disulfide	17.7		1.0	0.15
75-69-4	Trichlorofluoromethane	19.3		1.0	0.16
75-35-4	1,1-Dichloroethene	19.1		1.0	0.19
75-34-3	1,1-Dichloroethane	17.2		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	16.5		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	17.1		1.0	0.11
67-66-3	Chloroform	17.3		1.0	0.24
78-93-3	2-Butanone	91.2		5.0	0.63
107-06-2	1,2-Dichloroethane	15.4		1.0	0.18
71-55-6	1,1,1-Trichloroethane	17.2		1.0	0.13
56-23-5	Carbon tetrachloride	18.2		1.0	0.15
71-43-2	Benzene	16.8		1.0	0.15
75-25-2	Bromoform	19.7		1.0	0.17
100-42-5	Styrene	17.9		1.0	0.28
100-41-4	Ethylbenzene	18.2		1.0	0.17
108-90-7	Chlorobenzene	17.8		1.0	0.18
110-82-7	Cyclohexane	16.1		1.0	0.13
98-82-8	Isopropylbenzene	19.7		1.0	0.11
591-78-6	2-Hexanone	75.7		5.0	0.13
1634-04-4	MTBE	16.8		1.0	0.11
76-13-1	Freon TF	18.6		1.0	0.11
79-20-9	Methyl acetate	81.6		1.0	0.32
123-91-1	1,4-Dioxane	374		20	13
79-01-6	Trichloroethene	17.4		1.0	0.12
108-88-3	Toluene	16.8		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	17.0		1.0	0.10
108-10-1	4-Methyl-2-pentanone	79.0		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	16.1		1.0	0.14
95-50-1	1,2-Dichlorobenzene	18.3		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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-182467/4

Matrix: Solid Lab File ID: D363219.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/21/2013 04:20

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.: 182467 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	18.7		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	19.5		1.0	0.16
78-87-5	1,2-Dichloropropane	15.5		1.0	0.15
108-87-2	Methylcyclohexane	17.1		1.0	0.10
127-18-4	Tetrachloroethene	20.8		1.0	0.12
1330-20-7	Xylenes, Total	36.3		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	16.7		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	16.2		1.0	0.090
79-00-5	1,1,2-Trichloroethane	17.2		1.0	0.14
124-48-1	Dibromochloromethane	17.1		1.0	0.10
106-93-4	1,2-Dibromoethane	16.5		1.0	0.15
75-71-8	Dichlorodifluoromethane	18.5		1.0	0.22
74-97-5	Bromochloromethane	18.5		1.0	0.11
75-27-4	Bromodichloromethane	16.6		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130
460-00-4	Bromofluorobenzene	111		70-130
1868-53-7	Dibromofluoromethane (Surr)	101		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363219.D
Lims ID: LCS
Client ID:
Inject. Date: 21-Sep-2013 04:20:30
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: LCSD
Misc. Info.: 460-0004869-004
Operator:
Instrument ID: CVOAMS4
Purge Vol: 5.000 mL
ALS Bottle#: 3
Lims Batch ID: 182467
Lims Sample ID: 4
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\8260S_4.m
Last Update: 22-Sep-2013 07:07:10
Calib Date: 05-Sep-2013 06:32:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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: tupayachia
Date: 21-Sep-2013 07:53:37

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.212	1.202	0.010	88	218472	18.5	
2 Chloromethane	50	1.289	1.294	-0.005	78	99235	17.8	
149 Butadiene	54	1.352	1.347	0.005	81	87886	18.6	
4 Vinyl chloride	62	1.356	1.347	0.009	83	117977	19.0	
6 Bromomethane	94	1.549	1.544	0.005	91	97084	20.5	
7 Chloroethane	64	1.626	1.607	0.019	89	65053	19.3	
8 Trichlorofluoromethane	101	1.694	1.689	0.005	83	281011	19.3	
9 Dichlorofluoromethane	67	1.746	1.747	-0.001	89	232960	20.4	
14 2-Methyl-1,3-butadiene	67	1.867	1.862	0.005	95	128990	18.4	
13 Ethyl ether	59	1.881	1.881	0.0	57	43090	18.7	
34 Isopropyl alcohol	45	1.881	1.881	0.0	34	23197	181.2	
11 Ethanol	45	1.881	1.881	0.0	38	24423	981.2	
18 1,1-Dichloroethene	96	2.002	2.002	0.0	88	95075	19.1	
21 Carbon disulfide	76	2.016	2.016	0.0	99	286798	17.7	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.069	2.064	0.005	89	130854	18.6	
20 Iodomethane	142	2.098	2.089	0.010	96	188528	19.5	
22 Cyclopentene	67	2.194	2.194	0.0	92	242147	19.1	
17 Acrolein	56	2.223	2.223	0.0	4	11454	82.2	
147 3-Chloro-1-propene	76	2.310	2.315	-0.005	67	45707	17.2	
25 Methylene Chloride	84	2.397	2.387	0.010	74	79962	16.3	
19 Acetone	43	2.445	2.440	0.005	72	71514	84.8	
29 trans-1,2-Dichloroethene	96	2.493	2.493	0.0	80	98170	16.5	
23 Methyl acetate	43	2.522	2.522	0.0	85	186841	81.6	
32 Hexane	57	2.555	2.556	-0.001	85	113418	14.7	
27 Methyl tert-butyl ether	73	2.599	2.609	-0.010	89	206343	16.8	
* 151 TBA-d9 (IS)	65	2.657	2.647	0.010	68	222250	1000.0	
26 2-Methyl-2-propanol	59	2.710	2.710	0.0	67	56323	160.8	
24 Acetonitrile	41	2.767	2.772	-0.005	90	27119	165.5	
35 Isopropyl ether	45	2.878	2.878	0.0	83	145906	15.8	
33 2-Chloro-1,3-butadiene	88	2.921	2.917	0.004	83	88567	18.7	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
36 1,1-Dichloroethane	63	2.936	2.926	0.010	92	137546	17.2	
30 Acrylonitrile	53	2.989	2.979	0.010	91	102158	167.1	
38 Allyl alcohol	57	3.143	3.133	0.010	42	56510	442.3	
40 Tert-butyl ethyl ether	59	3.143	3.143	0.0	85	215170	17.2	
37 Vinyl acetate	43	3.143	3.148	-0.005	77	115259	30.4	
42 cis-1,2-Dichloroethene	96	3.350	3.350	0.0	93	92306	17.1	
41 2,2-Dichloropropane	77	3.451	3.442	0.009	87	186653	17.1	
46 Chlorobromomethane	128	3.509	3.504	0.005	66	46590	18.5	
49 Cyclohexane	56	3.514	3.504	0.010	73	126141	16.1	M
47 Chloroform	83	3.581	3.576	0.005	86	176467	17.3	
51 Carbon tetrachloride	117	3.682	3.682	0.0	89	235019	18.2	
44 Ethyl acetate	70	3.706	3.711	-0.005	37	9949	32.7	
45 Tetrahydrofuran	42	3.711	3.697	0.014	40	18645	29.1	
$ 152 Dibromofluoromethane (Surr)	113	3.730	3.726	0.004	95	200029	50.4	
50 1,1,1-Trichloroethane	97	3.740	3.745	-0.005	85	217967	17.2	
52 1,1-Dichloropropene	75	3.836	3.836	0.0	92	123301	17.5	
43 2-Butanone (MEK)	72	3.856	3.851	0.005	30	29340	91.2	
58 n-Heptane	57	4.063	4.048	0.015	51	55760	15.8	
53 Benzene	78	4.053	4.058	-0.005	83	306961	16.8	
48 Propionitrile	54	4.096	4.096	0.0	6	41245	173.8	
31 Methacrylonitrile	67	4.111	4.106	0.005	79	154809	174.3	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.178	4.178	0.0	94	198920	47.2	
142 Tert-amyl methyl ether	73	4.188	4.188	0.0	98	197326	16.9	
55 1,2-Dichloroethane	62	4.241	4.231	0.010	90	101996	15.4	
56 Isobutyl alcohol	43	4.366	4.357	0.010	19	10003	347.9	
* 59 Fluorobenzene	96	4.438	4.438	0.0	99	676146	50.0	
60 2,4,4-Trimethyl-1-pentene	57	4.477	4.477	0.0	88	392385	34.0	
57 Isopropyl acetate	43	4.535	4.539	-0.004	57	61443	13.3	
39 Methyl acrylate	55	4.583	4.578	0.005	50	118165	15.7	
63 Methylcyclohexane	83	4.583	4.583	0.0	88	181999	17.1	
61 Trichloroethene	95	4.597	4.597	0.0	90	101890	17.4	
68 Dibromomethane	93	5.011	5.011	0.0	81	41146	17.3	
62 n-Butanol	56	5.064	5.060	0.004	58	16337	382.7	
65 1,2-Dichloropropane	63	5.112	5.117	-0.005	71	52960	15.5	
70 Dichlorobromomethane	83	5.199	5.199	0.0	93	114776	16.6	
64 Ethyl acrylate	55	5.204	5.209	-0.005	44	38818	15.8	
* 150 1,4-Dioxane-d8	96	5.396	5.416	-0.020	76	20072	1000.0	
66 Methyl methacrylate	100	5.411	5.411	0.0	75	30140	35.7	
67 1,4-Dioxane	88	5.440	5.440	0.0	26	12382	373.8	
69 n-Propyl acetate	43	5.584	5.594	-0.010	92	36301	16.3	
72 2-Chloroethyl vinyl ether	63	5.873	5.864	0.009	79	20599	21.6	
74 cis-1,3-Dichloropropene	75	5.897	5.897	0.0	88	96345	16.1	
$ 76 Toluene-d8 (Surr)	98	6.104	6.104	0.0	98	702260	49.3	
77 Toluene	91	6.162	6.162	0.0	93	379216	16.8	
73 Epichlorohydrin	57	6.210	6.196	0.014	90	53249	307.6	M
71 2-Nitropropane	41	6.451	6.446	0.005	96	23348	32.5	
80 Tetrachloroethene	166	6.610	6.610	0.0	89	138704	20.8	
75 4-Methyl-2-pentanone (MIBK)	43	6.677	6.668	0.009	90	140806	79.0	
78 trans-1,3-Dichloropropene	75	6.692	6.697	-0.005	92	88576	17.0	
79 1,1,2-Trichloroethane	83	6.870	6.865	0.005	87	38909	17.2	
82 Ethyl methacrylate	69	6.947	6.947	0.0	81	52392	15.2	
84 Chlorodibromomethane	129	7.053	7.048	0.005	84	79577	17.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
81 1,3-Dichloropropane	76	7.159	7.154	0.005	89	75783	16.5	
86 Ethylene Dibromide	107	7.274	7.270	0.004	93	50324	16.5	
85 n-Butyl acetate	73	7.534	7.535	-0.001	94	10765	19.7	
83 2-Hexanone	43	7.587	7.592	-0.005	93	95140	75.7	M
* 87 Chlorobenzene-d5	117	7.799	7.799	0.0	81	536291	50.0	
88 Chlorobenzene	112	7.814	7.814	0.0	92	246244	17.8	
89 Ethylbenzene	106	7.872	7.867	0.005	98	146447	18.2	
90 1,1,1,2-Tetrachloroethane	131	7.896	7.891	0.005	80	114278	19.0	
91 m-Xylene & p-Xylene	106	8.011	8.011	0.0	98	181842	18.2	
92 o-Xylene	106	8.387	8.387	0.0	91	169897	18.2	
97 Bromoform	173	8.435	8.430	0.005	38	56805	19.7	
94 Styrene	104	8.435	8.435	0.0	94	241755	17.9	
93 n-Butyl acrylate	73	8.603	8.604	-0.001	94	34784	15.9	
98 Isopropylbenzene	105	8.661	8.661	0.0	95	556984	19.7	
95 Camphene	41	8.733	8.734	-0.001	93	35900	16.1	
96 Amyl acetate (mixed isomers)	43	8.825	8.825	0.0	92	60671	16.1	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	95	279705	55.5	
100 Bromobenzene	156	8.941	8.941	0.0	89	126023	19.0	
102 N-Propylbenzene	91	8.998	8.998	0.0	99	604822	17.6	
101 1,1,2,2-Tetrachloroethane	83	9.071	9.071	0.0	83	62268	16.2	
143 4-Ethyltoluene	105	9.095	9.095	0.0	93	597137	19.6	
105 2-Chlorotoluene	91	9.099	9.100	-0.001	94	429809	17.5	
103 1,2,3-Trichloropropane	110	9.152	9.153	-0.001	91	25586	17.4	
106 1,3,5-Trimethylbenzene	105	9.167	9.167	0.0	90	491598	18.3	
104 trans-1,4-Dichloro-2-butene	53	9.205	9.206	-0.001	55	14350	15.9	
107 4-Chlorotoluene	91	9.234	9.234	0.0	97	371999	17.8	
109 tert-Butylbenzene	119	9.403	9.403	0.0	80	387057	17.6	
108 Butyl Methacrylate	87	9.432	9.432	0.0	82	89010	16.2	
110 1,2,4-Trimethylbenzene	105	9.461	9.461	0.0	97	490935	18.6	
113 sec-Butylbenzene	105	9.538	9.538	0.0	98	607405	18.4	
114 4-Isopropyltoluene	119	9.658	9.658	0.0	86	559067	18.9	
115 1,3-Dichlorobenzene	146	9.677	9.677	0.0	92	259316	18.7	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	93	325495	50.0	
117 1,4-Dichlorobenzene	146	9.750	9.750	0.0	86	246601	18.5	
119 2,3-Dihydroindene	117	9.870	9.870	0.0	85	434695	19.2	
133 p-Diethylbenzene	119	9.928	9.923	0.005	93	354051	19.5	
118 Benzyl chloride	126	9.942	9.942	0.0	98	32817	18.0	
120 n-Butylbenzene	92	9.966	9.966	0.0	97	265998	17.1	
121 1,2-Dichlorobenzene	146	10.053	10.053	0.0	95	234107	18.3	
132 1,2,4,5-Tetramethylbenzene	119	10.506	10.506	0.0	93	505812	18.7	
122 1,2-Dibromo-3-Chloropropane	157	10.631	10.626	0.005	46	18563	16.7	
145 1,3,5-Trichlorobenzene	180	10.655	10.655	0.0	96	272717	21.7	
126 Hexachlorobutadiene	225	11.093	11.093	0.0	90	158720	21.4	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	93	204597	18.7	
123 Camphor	95	11.300	11.300	0.0	85	34627	93.2	
127 Naphthalene	128	11.329	11.329	0.0	98	302334	17.0	
128 1,2,3-Trichlorobenzene	180	11.464	11.459	0.005	95	184236	19.5	
S 131 Xylenes, Total	100				0		36.3	

QC Flag Legend

Review Flags
M - Manually Integrated

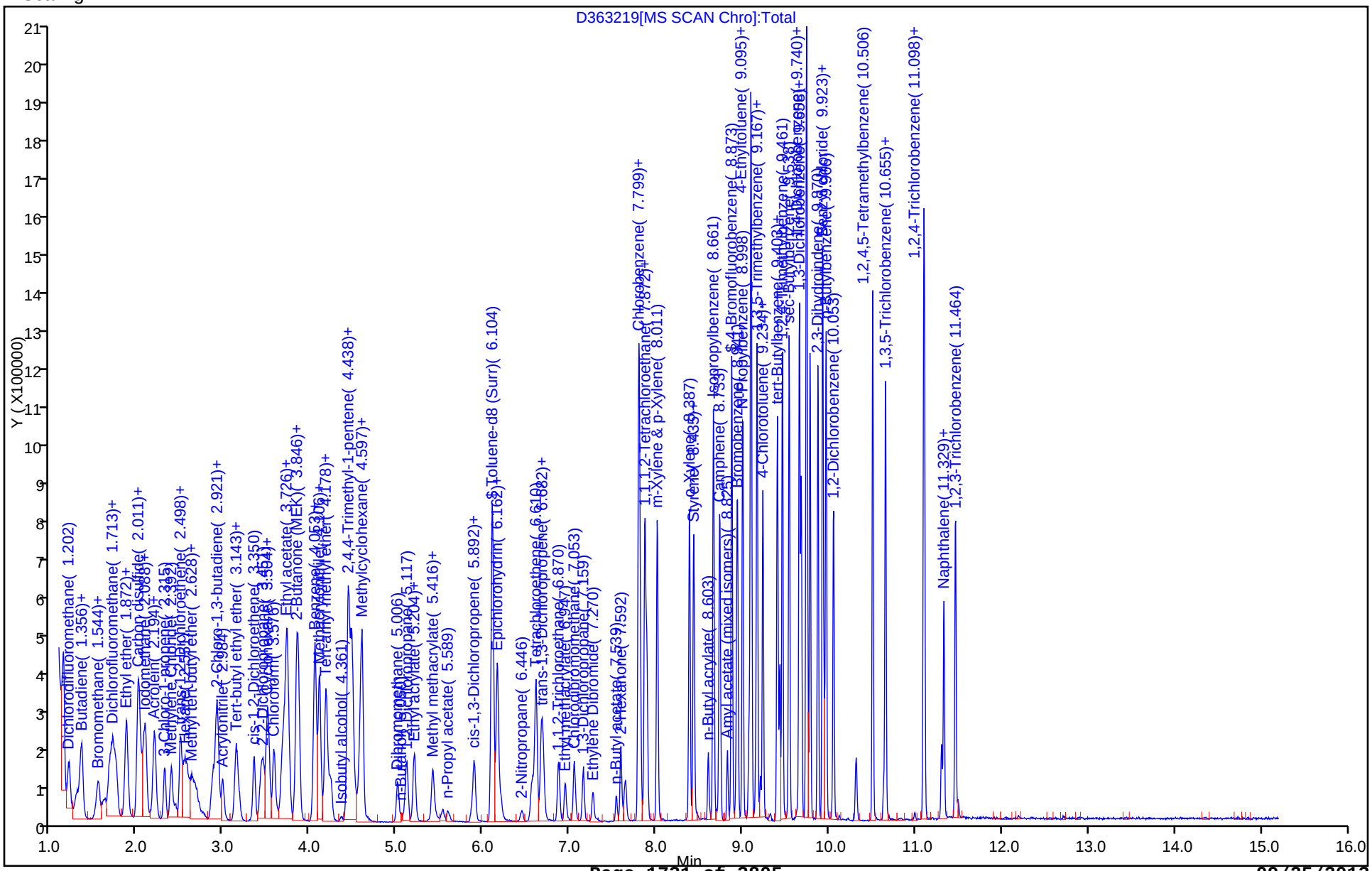
Report Date: 22-Sep-2013 07:07:11 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363219.D

Injection Date:	21-Sep-2013 04:20:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	4
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



Manual Integration/User Assign Peak Report

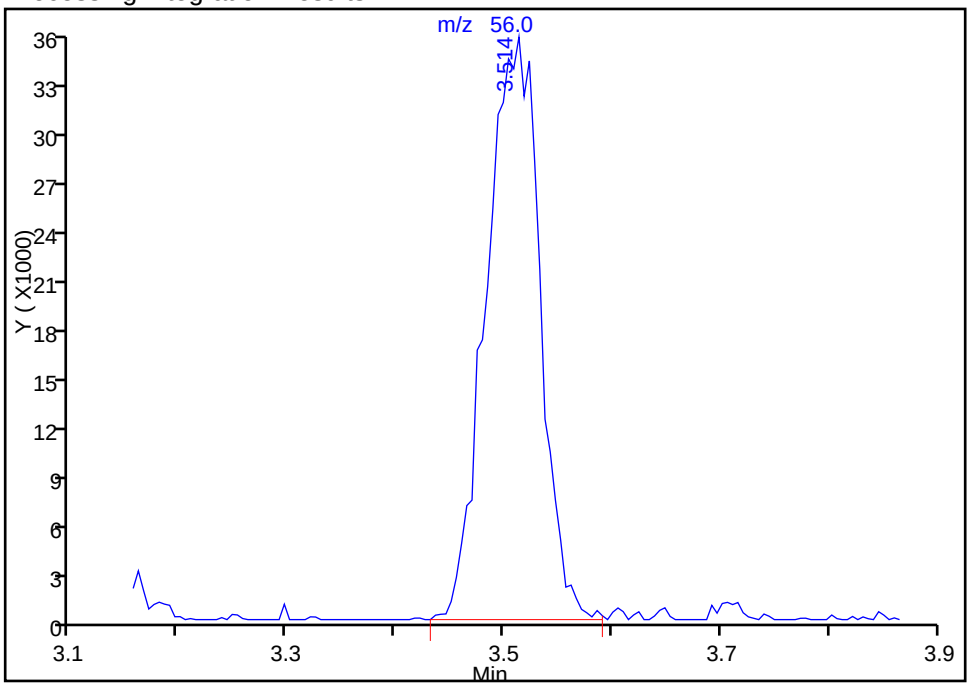
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363219.D		
Injection Date:	21-Sep-2013 04:20:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	4
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

49 Cyclohexane, Signal: 1, m/z: 56.0 Type: quant, RT: 3.50

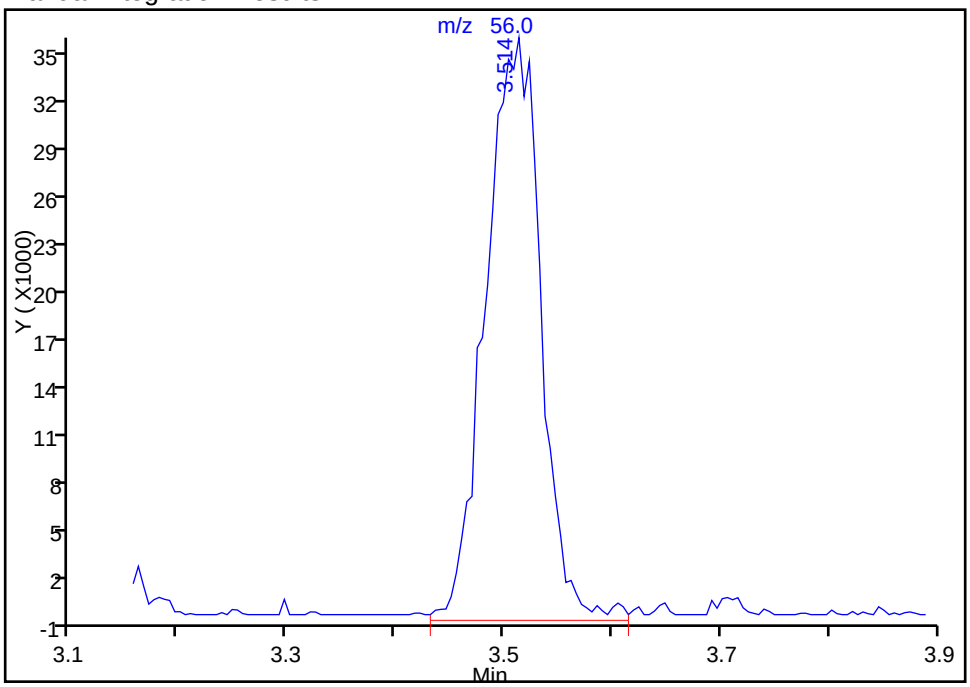
Processing Integration Results

RT: 3.51
Response: 121754
Amount: 15.524549



Manual Integration Results

RT: 3.51
Response: 126141
Amount: 16.083924



Reviewer: tupayachia, 21-Sep-2013 07:53:37
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

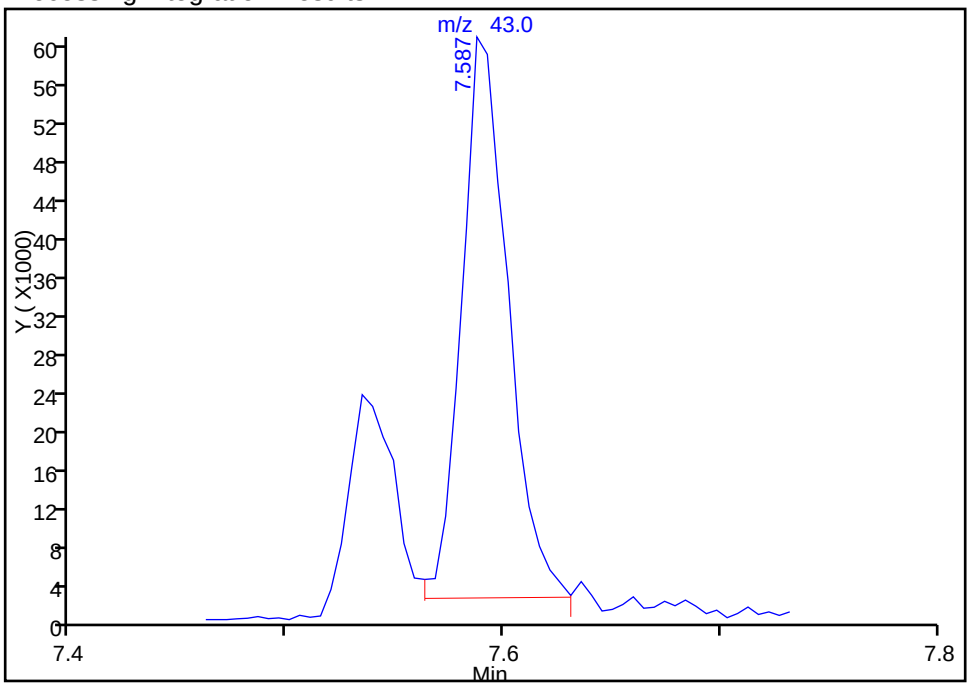
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363219.D		
Injection Date:	21-Sep-2013 04:20:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	4
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

83 2-Hexanone, Signal: 1, m/z: 43.0 Type: quant, RT: 7.59

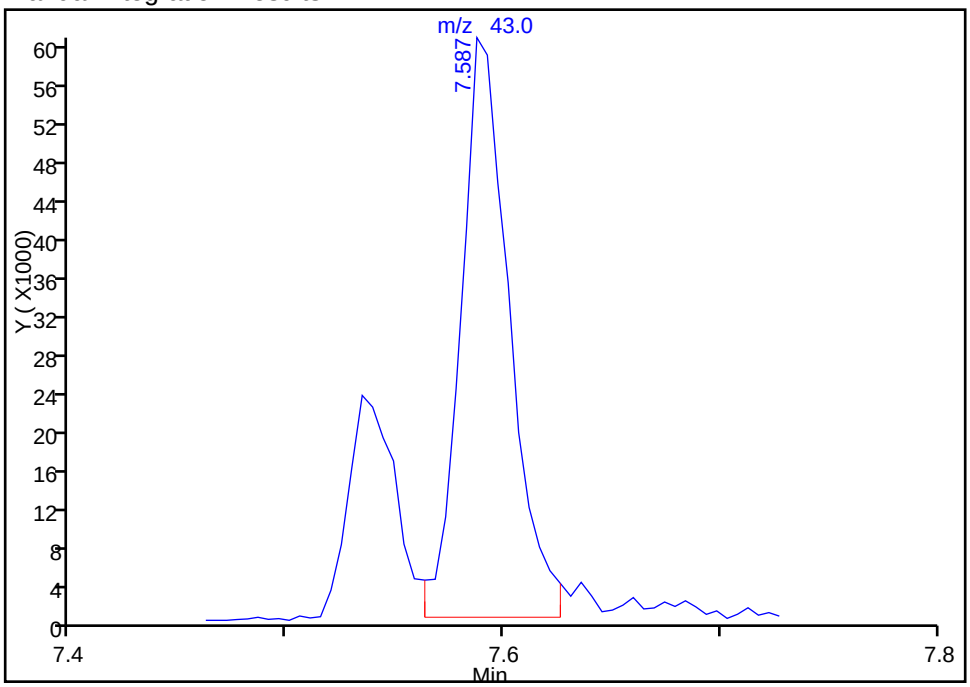
Processing Integration Results

RT: 7.59
Response: 87284
Amount: 69.405093



Manual Integration Results

RT: 7.59
Response: 95140
Amount: 75.651901



Reviewer: tupayachia, 21-Sep-2013 07:53:37
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-181887/4

Matrix: Solid Lab File ID: D363061.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2013 02:35

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.: 181887 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	18.8		1.0	0.16
74-83-9	Bromomethane	22.4		1.0	0.43
75-01-4	Vinyl chloride	20.7		1.0	0.34
75-00-3	Chloroethane	22.8		1.0	0.33
75-09-2	Methylene Chloride	21.9		1.0	0.15
67-64-1	Acetone	112		10	1.7
75-15-0	Carbon disulfide	22.8		1.0	0.15
75-69-4	Trichlorofluoromethane	22.3		1.0	0.16
75-35-4	1,1-Dichloroethene	22.7		1.0	0.19
75-34-3	1,1-Dichloroethane	21.7		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	20.1		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	21.4		1.0	0.11
67-66-3	Chloroform	21.0		1.0	0.24
78-93-3	2-Butanone	88.9		10	0.63
107-06-2	1,2-Dichloroethane	21.1		1.0	0.18
71-55-6	1,1,1-Trichloroethane	21.2		1.0	0.13
56-23-5	Carbon tetrachloride	20.5		1.0	0.15
71-43-2	Benzene	18.8		1.0	0.15
75-25-2	Bromoform	18.4		1.0	0.17
100-42-5	Styrene	18.9		1.0	0.28
100-41-4	Ethylbenzene	19.1		1.0	0.17
108-90-7	Chlorobenzene	18.7		1.0	0.18
110-82-7	Cyclohexane	20.3		1.0	0.13
98-82-8	Isopropylbenzene	20.2		1.0	0.11
591-78-6	2-Hexanone	86.2		10	0.13
1634-04-4	MTBE	20.7		1.0	0.11
76-13-1	Freon TF	22.8		1.0	0.11
79-20-9	Methyl acetate	112		1.0	0.32
123-91-1	1,4-Dioxane	366		50	13
79-01-6	Trichloroethene	21.6		1.0	0.12
108-88-3	Toluene	18.2		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	18.7		1.0	0.10
108-10-1	4-Methyl-2-pentanone	91.9		10	0.20
10061-01-5	cis-1,3-Dichloropropene	17.8		1.0	0.14
95-50-1	1,2-Dichlorobenzene	17.5		1.0	0.10
541-73-1	1,3-Dichlorobenzene	17.9		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-181887/4

Matrix: Solid | Lab File ID: D363061.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/18/2013 02:35

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.: 181887 | 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	17.4		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	18.3		1.0	0.16
78-87-5	1,2-Dichloropropane	19.9		1.0	0.15
108-87-2	Methylcyclohexane	20.0		1.0	0.10
127-18-4	Tetrachloroethene	21.0		1.0	0.12
1330-20-7	Xylenes, Total	37.6		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	16.8		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	17.2		1.0	0.090
79-00-5	1,1,2-Trichloroethane	17.9		1.0	0.14
124-48-1	Dibromochloromethane	17.5		1.0	0.10
106-93-4	1,2-Dibromoethane	18.1		1.0	0.15
75-71-8	Dichlorodifluoromethane	18.6		1.0	0.22
74-97-5	Bromochloromethane	22.5		1.0	0.11
75-27-4	Bromodichloromethane	20.4		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	96		70-130
1868-53-7	Dibromofluoromethane (Surr)	112		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363061.D
Lims ID: LCSD
Client ID:
Inject. Date: 18-Sep-2013 02:35:30
Dil. Factor: 1.0000
Sample Type: LCSD
Sample ID: LCSD
Misc. Info.: 460-0004749-004
Operator:
Instrument ID: CVOAMS4
Purge Vol: 5.000 mL
ALS Bottle#: 3
Lims Batch ID: 181887
Lims Sample ID: 4
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\8260S_4.m
Last Update: 18-Sep-2013 13:47:55
Calib Date: 05-Sep-2013 06:32:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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

First Level Reviewer: tupayachia
Date: 18-Sep-2013 05:55:19

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.212	1.193	0.019	88	168305	18.6	
2 Chloromethane	50	1.294	1.279	0.015	77	80489	18.8	
149 Butadiene	54	1.352	1.328	0.024	84	77603	21.4	
4 Vinyl chloride	62	1.356	1.342	0.014	83	98440	20.7	
6 Bromomethane	94	1.549	1.540	0.009	91	81322	22.4	
7 Chloroethane	64	1.612	1.602	0.010	90	58952	22.8	
8 Trichlorofluoromethane	101	1.703	1.694	0.009	82	248685	22.3	
9 Dichlorofluoromethane	67	1.746	1.732	0.014	88	195804	22.4	
14 2-Methyl-1,3-butadiene	67	1.867	1.853	0.015	96	126591	23.5	
13 Ethyl ether	59	1.886	1.867	0.019	83	41796	23.7	
11 Ethanol	45	1.886	1.877	0.009	53	21278	940.9	
18 1,1-Dichloroethene	96	2.006	1.992	0.014	87	86406	22.7	
21 Carbon disulfide	76	2.021	2.007	0.014	100	283032	22.8	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.055	2.064	-0.009	89	122766	22.8	
20 Iodomethane	142	2.093	2.079	0.014	96	174114	23.5	
22 Cyclopentene	67	2.199	2.185	0.014	92	227544	23.4	
17 Acrolein	56	2.233	2.214	0.019	37	13541	127.0	
147 3-Chloro-1-propene	76	2.319	2.305	0.014	71	42584	20.9	
34 Isopropyl alcohol	45	2.382	2.377	0.005	11	20903	180.5	
25 Methylene Chloride	84	2.392	2.377	0.015	75	82317	21.9	
19 Acetone	43	2.440	2.426	0.014	75	68897	112.2	
29 trans-1,2-Dichloroethene	96	2.498	2.483	0.015	79	91720	20.1	
23 Methyl acetate	43	2.522	2.507	0.015	94	194926	112.4	
32 Hexane	57	2.551	2.546	0.005	78	121803	20.6	
27 Methyl tert-butyl ether	73	2.608	2.604	0.004	91	194456	20.7	
* 151 TBA-d9 (IS)	65	2.652	2.633	0.019	91	200996	1000.0	
26 2-Methyl-2-propanol	59	2.705	2.710	-0.005	93	56124	179.1	
24 Acetonitrile	41	2.762	2.748	0.014	90	25041	201.5	
35 Isopropyl ether	45	2.878	2.864	0.014	87	146048	20.6	
33 2-Chloro-1,3-butadiene	88	2.912	2.902	0.010	87	81379	22.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
36 1,1-Dichloroethane	63	2.936	2.917	0.019	91	133009	21.7	
30 Acrylonitrile	53	2.984	2.974	0.010	92	94902	202.8	
38 Allyl alcohol	57	3.138	3.133	0.005	45	57855	485.5	
37 Vinyl acetate	43	3.143	3.138	0.005	95	118682	40.9	
40 Tert-butyl ethyl ether	59	3.138	3.124	0.014	86	198835	20.8	
42 cis-1,2-Dichloroethene	96	3.345	3.336	0.009	90	88171	21.4	
41 2,2-Dichloropropane	77	3.441	3.437	0.004	80	173460	20.8	
46 Chlorobromomethane	128	3.504	3.499	0.005	72	43159	22.5	
49 Cyclohexane	56	3.518	3.495	0.023	81	121676	20.3	
47 Chloroform	83	3.571	3.567	0.004	90	164024	21.0	M
51 Carbon tetrachloride	117	3.687	3.668	0.019	90	203536	20.5	
44 Ethyl acetate	70	3.716	3.687	0.029	44	10726	46.6	
45 Tetrahydrofuran	42	3.706	3.692	0.014	30	20177	42.9	
$ 152 Dibromofluoromethane (Surr)	113	3.726	3.716	0.010	95	169522	55.8	
50 1,1,1-Trichloroethane	97	3.735	3.730	0.005	87	205473	21.2	
52 1,1-Dichloropropene	75	3.841	3.822	0.019	93	114881	21.3	
43 2-Butanone (MEK)	72	3.836	3.832	0.004	57	25853	88.9	
53 Benzene	78	4.053	4.039	0.014	95	290020	18.8	
58 n-Heptane	57	4.058	4.043	0.015	53	54780	20.3	
48 Propionitrile	54	4.091	4.092	-0.001	6	37417	206.0	
31 Methacrylonitrile	67	4.111	4.096	0.015	73	143818	211.6	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.173	4.164	0.009	95	175666	54.4	
142 Tert-amyl methyl ether	73	4.188	4.178	0.010	98	186343	20.8	
55 1,2-Dichloroethane	62	4.241	4.231	0.010	90	107010	21.1	
56 Isobutyl alcohol	43	4.356	4.356	0.0	19	8715	335.2	
* 59 Fluorobenzene	96	4.438	4.429	0.009	98	517640	50.0	
60 2,4,4-Trimethyl-1-pentene	57	4.472	4.472	0.0	89	374184	41.9	
57 Isopropyl acetate	43	4.525	4.530	-0.005	68	57574	16.3	
63 Methylcyclohexane	83	4.583	4.578	0.005	88	163387	20.0	
39 Methyl acrylate	55	4.578	4.583	-0.005	65	117164	20.4	
61 Trichloroethene	95	4.597	4.592	0.005	91	96546	21.6	
68 Dibromomethane	93	5.006	4.997	0.009	88	36715	20.2	
62 n-Butanol	56	5.045	5.055	-0.010	55	15569	463.2	
65 1,2-Dichloropropane	63	5.112	5.108	0.004	72	51971	19.9	
70 Dichlorobromomethane	83	5.204	5.190	0.014	94	107745	20.4	
64 Ethyl acrylate	55	5.209	5.204	0.005	50	35446	18.6	
* 150 1,4-Dioxane-d8	96	5.396	5.387	0.009	75	17005	1000.0	
66 Methyl methacrylate	100	5.416	5.406	0.010	68	27415	42.4	
67 1,4-Dioxane	88	5.440	5.416	0.024	49	10278	365.9	
69 n-Propyl acetate	43	5.589	5.584	0.005	94	33901	19.9	
72 2-Chloroethyl vinyl ether	63	5.864	5.859	0.005	84	18423	25.2	
74 cis-1,3-Dichloropropene	75	5.897	5.888	0.009	88	90054	17.8	
$ 76 Toluene-d8 (Surr)	98	6.099	6.100	-0.001	97	604728	50.4	
77 Toluene	91	6.167	6.157	0.010	92	345491	18.2	
73 Epichlorohydrin	57	6.201	6.196	0.005	95	47956	328.9	
71 2-Nitropropane	41	6.441	6.446	-0.005	99	22079	40.1	
80 Tetrachloroethene	166	6.605	6.600	0.005	90	118082	21.0	
75 4-Methyl-2-pentanone (MIBK)	43	6.668	6.668	0.0	91	137874	91.9	
78 trans-1,3-Dichloropropene	75	6.692	6.687	0.005	91	82050	18.7	
79 1,1,2-Trichloroethane	83	6.870	6.865	0.005	85	34165	17.9	
82 Ethyl methacrylate	69	6.947	6.947	0.0	83	49194	18.5	
84 Chlorodibromomethane	129	7.053	7.048	0.005	93	68667	17.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
81 1,3-Dichloropropane	76	7.154	7.154	0.0	89	71076	18.4	
86 Ethylene Dibromide	107	7.265	7.260	0.005	93	46492	18.1	
85 n-Butyl acetate	73	7.539	7.535	0.004	95	8167	17.7	
83 2-Hexanone	43	7.592	7.588	0.004	93	91306	86.2	
* 87 Chlorobenzene-d5	117	7.799	7.795	0.004	83	451731	50.0	
88 Chlorobenzene	112	7.814	7.809	0.005	94	217959	18.7	
89 Ethylbenzene	106	7.867	7.867	0.0	99	129142	19.1	
90 1,1,1,2-Tetrachloroethane	131	7.891	7.891	0.0	89	95631	18.9	
91 m-Xylene & p-Xylene	106	8.011	8.011	0.0	98	161282	19.1	
92 o-Xylene	106	8.382	8.382	0.0	91	145723	18.5	
97 Bromoform	173	8.430	8.430	0.0	89	44787	18.4	
94 Styrene	104	8.435	8.430	0.005	94	214644	18.9	
93 n-Butyl acrylate	73	8.603	8.599	0.004	93	29765	16.2	
98 Isopropylbenzene	105	8.661	8.661	0.0	96	481337	20.2	
95 Camphene	41	8.733	8.734	-0.001	96	36587	19.5	
96 Amyl acetate (mixed isomers)	43	8.825	8.825	0.0	93	57647	18.7	
$ 99 4-Bromofluorobenzene	174	8.878	8.873	0.005	94	197827	47.8	
100 Bromobenzene	156	8.941	8.941	-0.001	87	103565	19.0	
102 N-Propylbenzene	91	8.998	8.998	0.0	99	528037	18.7	
101 1,1,2,2-Tetrachloroethane	83	9.075	9.071	0.004	75	54060	17.2	
143 4-Ethyltoluene	105	9.095	9.095	0.0	98	489108	19.6	
105 2-Chlorotoluene	91	9.099	9.100	-0.001	94	368919	18.3	
103 1,2,3-Trichloropropane	110	9.152	9.153	0.0	92	20561	17.1	
106 1,3,5-Trimethylbenzene	105	9.167	9.167	0.0	91	400603	18.1	
104 trans-1,4-Dichloro-2-butene	53	9.205	9.205	0.0	63	13247	17.7	
107 4-Chlorotoluene	91	9.234	9.234	0.0	98	301139	17.5	
109 tert-Butylbenzene	119	9.403	9.403	0.0	83	319915	17.7	
108 Butyl Methacrylate	87	9.432	9.427	0.005	86	83415	18.5	
110 1,2,4-Trimethylbenzene	105	9.461	9.461	0.0	97	410115	18.9	
113 sec-Butylbenzene	105	9.538	9.538	0.0	97	514209	18.9	
114 4-Isopropyltoluene	119	9.658	9.653	0.005	90	460810	18.9	
115 1,3-Dichlorobenzene	146	9.677	9.677	0.0	94	204089	17.9	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	94	267395	50.0	
117 1,4-Dichlorobenzene	146	9.749	9.745	0.004	93	200587	18.3	
119 2,3-Dihydroindene	117	9.870	9.870	0.0	92	371338	21.4	
133 p-Diethylbenzene	119	9.923	9.923	0.0	94	295546	19.8	
118 Benzyl chloride	126	9.942	9.937	0.005	87	28257	18.9	
120 n-Butylbenzene	92	9.966	9.961	0.005	98	235385	18.5	
121 1,2-Dichlorobenzene	146	10.053	10.053	0.0	92	183435	17.5	
132 1,2,4,5-Tetramethylbenzene	119	10.505	10.506	-0.001	96	419261	18.9	
122 1,2-Dibromo-3-Chloropropane	157	10.631	10.631	0.0	75	15355	16.8	
145 1,3,5-Trichlorobenzene	180	10.655	10.650	0.005	96	206195	20.0	
126 Hexachlorobutadiene	225	11.093	11.093	0.0	91	116514	19.1	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	93	155752	17.4	
123 Camphor	95	11.300	11.300	0.0	87	31988	105.7	
127 Naphthalene	128	11.329	11.329	0.0	98	245896	16.9	
128 1,2,3-Trichlorobenzene	180	11.459	11.464	-0.005	95	142094	18.3	
S 131 Xylenes, Total	100				0		37.6	

QC Flag Legend

Review Flags
M - Manually Integrated

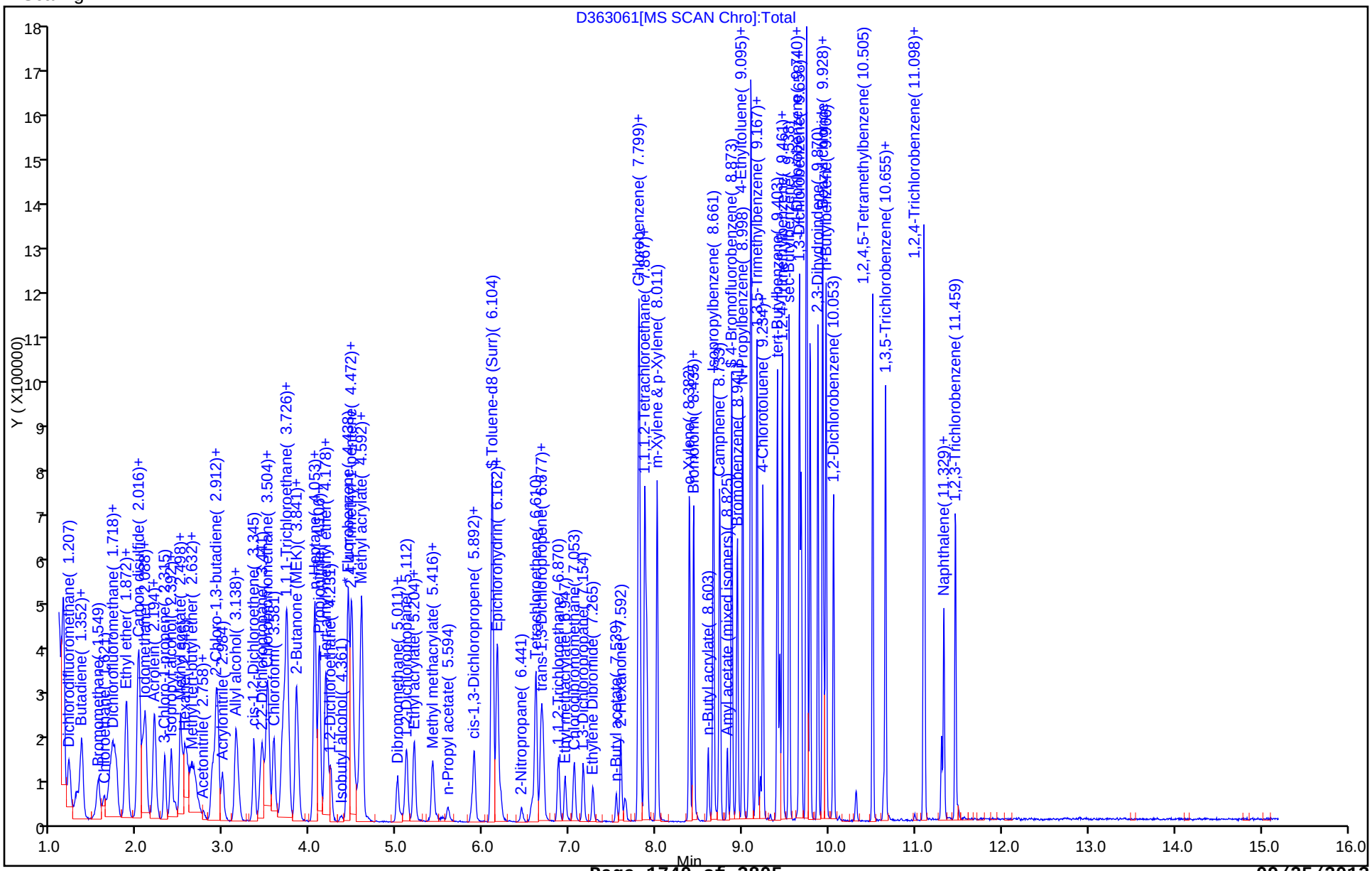
Report Date: 18-Sep-2013 13:47:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363061.D

Injection Date:	18-Sep-2013 02:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	181887	Lims Sample ID:	4
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



Manual Integration/User Assign Peak Report

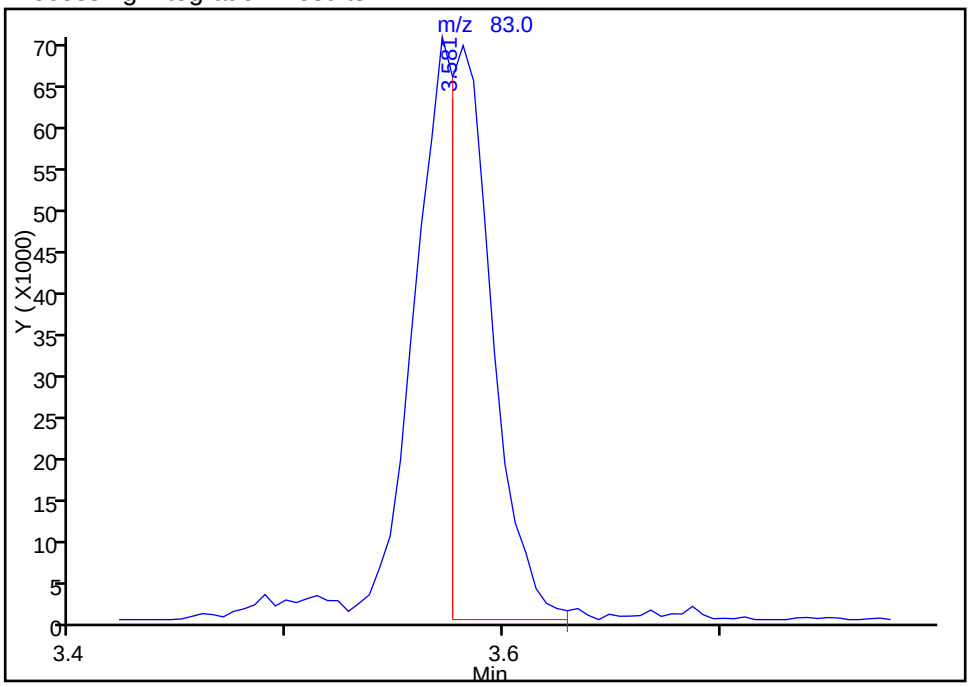
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4749.b\D363061.D		
Injection Date:	18-Sep-2013 02:35:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	181887	Lims Sample ID:	4
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

47 Chloroform, Signal: 1, m/z: 83.0 Type: quant, RT: 3.57

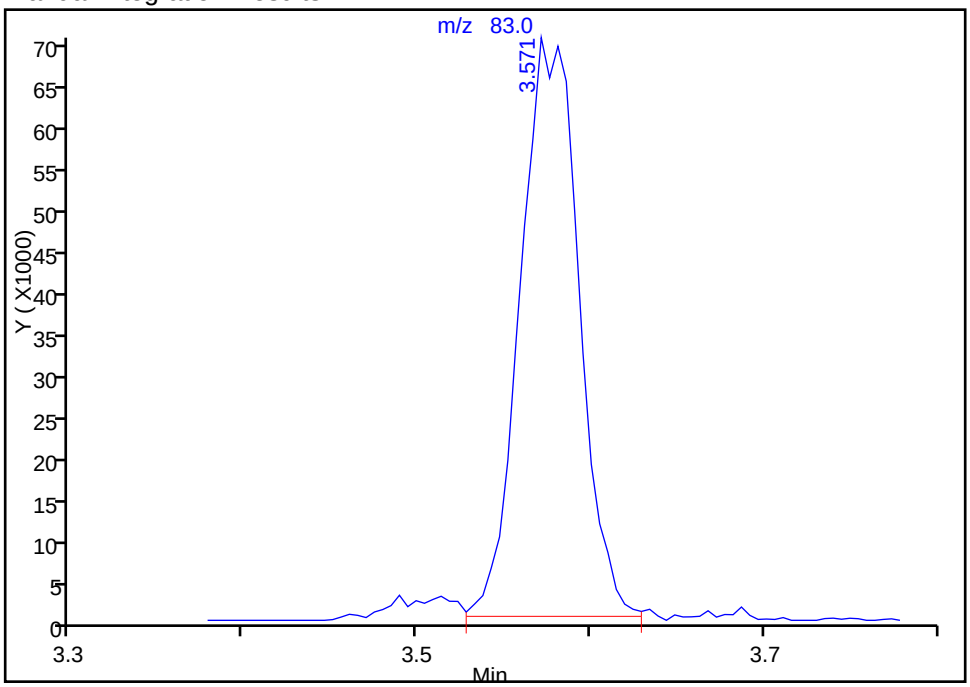
Processing Integration Results

RT: 3.58
Response: 94575
Amount: 12.100211



Manual Integration Results

RT: 3.57
Response: 164024
Amount: 20.985726



Reviewer: baronm, 18-Sep-2013 13:46:14
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-182028/6

Matrix: Solid Lab File ID: D363091.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2013 15:33

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.: 182028 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	19.0		1.0	0.16
74-83-9	Bromomethane	24.2		1.0	0.43
75-01-4	Vinyl chloride	21.0		1.0	0.34
75-00-3	Chloroethane	22.3		1.0	0.33
75-09-2	Methylene Chloride	19.7		1.0	0.15
67-64-1	Acetone	84.3		5.0	1.7
75-15-0	Carbon disulfide	23.2		1.0	0.15
75-69-4	Trichlorofluoromethane	22.1		1.0	0.16
75-35-4	1,1-Dichloroethene	23.6		1.0	0.19
75-34-3	1,1-Dichloroethane	20.5		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	19.8		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	19.7		1.0	0.11
67-66-3	Chloroform	20.2		1.0	0.24
78-93-3	2-Butanone	88.6		5.0	0.63
107-06-2	1,2-Dichloroethane	20.2		1.0	0.18
71-55-6	1,1,1-Trichloroethane	20.7		1.0	0.13
56-23-5	Carbon tetrachloride	21.9		1.0	0.15
71-43-2	Benzene	18.1		1.0	0.15
75-25-2	Bromoform	18.8		1.0	0.17
100-42-5	Styrene	18.3		1.0	0.28
100-41-4	Ethylbenzene	18.6		1.0	0.17
108-90-7	Chlorobenzene	18.3		1.0	0.18
110-82-7	Cyclohexane	19.6		1.0	0.13
98-82-8	Isopropylbenzene	19.5		1.0	0.11
591-78-6	2-Hexanone	80.9		5.0	0.13
1634-04-4	MTBE	20.8		1.0	0.11
76-13-1	Freon TF	23.7		1.0	0.11
79-20-9	Methyl acetate	109		1.0	0.32
123-91-1	1,4-Dioxane	368		20	13
79-01-6	Trichloroethene	20.1		1.0	0.12
108-88-3	Toluene	18.0		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	18.0		1.0	0.10
108-10-1	4-Methyl-2-pentanone	87.7		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	16.3		1.0	0.14
95-50-1	1,2-Dichlorobenzene	17.9		1.0	0.10
541-73-1	1,3-Dichlorobenzene	16.8		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-182028/6

Matrix: Solid | Lab File ID: D363091.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/18/2013 15:33

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.: 182028 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	17.0		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	17.1		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	18.0		1.0	0.16
78-87-5	1,2-Dichloropropane	20.8		1.0	0.15
108-87-2	Methylcyclohexane	20.0		1.0	0.10
127-18-4	Tetrachloroethene	19.8		1.0	0.12
1330-20-7	Xylenes, Total	36.6		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	15.9		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	15.8		1.0	0.090
79-00-5	1,1,2-Trichloroethane	18.5		1.0	0.14
124-48-1	Dibromochloromethane	17.8		1.0	0.10
106-93-4	1,2-Dibromoethane	16.8		1.0	0.15
75-71-8	Dichlorodifluoromethane	19.3		1.0	0.22
74-97-5	Bromochloromethane	20.5		1.0	0.11
75-27-4	Bromodichloromethane	19.9		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
460-00-4	Bromofluorobenzene	103		70-130
1868-53-7	Dibromofluoromethane (Surr)	116		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363091.D
Lims ID: LCSD Client ID:
Inject. Date: 18-Sep-2013 15:33:30 Dil. Factor: 1.0000
Sample Type: LCSD
Sample ID: LCSD
Misc. Info.: 460-0004780-006
Operator: Instrument ID: CVOAMS4
Purge Vol: 5.000 mL ALS Bottle#: 5
Lims Batch ID: 182028 Lims Sample ID: 6
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\8260S_4.m
Last Update: 18-Sep-2013 18:57:09 Calib Date: 05-Sep-2013 06:32:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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: starzecm Date: 18-Sep-2013 18:57:09

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.198	1.217	-0.019	96	174210	19.3	
2 Chloromethane	50	1.289	1.304	-0.015	74	81023	19.0	
149 Butadiene	54	1.342	1.347	-0.005	81	79071	21.9	
4 Vinyl chloride	62	1.347	1.361	-0.014	82	99371	21.0	
6 Bromomethane	94	1.540	1.544	-0.004	91	87560	24.2	
7 Chloroethane	64	1.612	1.621	-0.009	75	57439	22.3	
8 Trichlorofluoromethane	101	1.699	1.708	-0.009	83	245466	22.1	
9 Dichlorofluoromethane	67	1.737	1.751	-0.014	87	202641	23.3	
11 Ethanol	45	1.872	1.867	0.005	41	22751	977.0	
14 2-Methyl-1,3-butadiene	67	1.857	1.872	-0.015	97	141800	26.5	
13 Ethyl ether	59	1.877	1.877	0.0	61	40276	22.9	
18 1,1-Dichloroethene	96	1.997	2.002	-0.005	88	89477	23.6	
21 Carbon disulfide	76	2.016	2.021	-0.005	100	287520	23.2	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.055	2.060	-0.005	89	127035	23.7	
20 Iodomethane	142	2.084	2.093	-0.009	97	170652	23.1	
22 Cyclopentene	67	2.190	2.199	-0.009	95	260024	26.8	
17 Acrolein	56	2.214	2.228	-0.014	5	12517	117.9	
147 3-Chloro-1-propene	76	2.310	2.315	-0.005	70	41812	20.7	
34 Isopropyl alcohol	45	2.377	2.392	-0.015	1	26652	222.6	
25 Methylene Chloride	84	2.377	2.392	-0.015	71	73525	19.7	
19 Acetone	43	2.430	2.435	-0.005	77	54280	84.3	
29 trans-1,2-Dichloroethene	96	2.488	2.493	-0.005	84	90127	19.8	
23 Methyl acetate	43	2.517	2.527	-0.010	94	188183	108.8	
32 Hexane	57	2.551	2.560	-0.009	85	127500	21.6	
27 Methyl tert-butyl ether	73	2.599	2.589	0.010	68	194779	20.8	
* 151 TBA-d9 (IS)	65	2.633	2.652	-0.019	94	207830	1000.0	
26 2-Methyl-2-propanol	59	2.690	2.710	-0.020	91	55311	169.8	
24 Acetonitrile	41	2.758	2.763	-0.005	87	18017	143.2	
35 Isopropyl ether	45	2.878	2.869	0.010	85	167371	23.8	
33 2-Chloro-1,3-butadiene	88	2.907	2.912	-0.005	86	90084	24.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
36 1,1-Dichloroethane	63	2.926	2.936	-0.010	91	125023	20.5	
30 Acrylonitrile	53	2.975	2.984	-0.009	87	90821	194.9	
40 Tert-butyl ethyl ether	59	3.138	3.143	-0.005	84	226339	23.7	
37 Vinyl acetate	43	3.133	3.143	-0.010	87	122483	42.3	
38 Allyl alcohol	57	3.355	3.316	0.039	1	3637	137.2	
42 cis-1,2-Dichloroethene	96	3.345	3.345	0.0	92	80803	19.7	
41 2,2-Dichloropropane	77	3.442	3.451	-0.009	85	181829	21.9	
49 Cyclohexane	56	3.509	3.499	0.010	78	117195	19.6	
46 Chlorobromomethane	128	3.499	3.504	-0.005	76	39130	20.5	
47 Chloroform	83	3.572	3.572	0.0	91	157335	20.2	
51 Carbon tetrachloride	117	3.678	3.682	-0.004	90	216311	21.9	
45 Tetrahydrofuran	42	3.697	3.697	0.0	46	19203	40.8	
44 Ethyl acetate	70	3.682	3.706	-0.024	71	10192	44.4	
$ 152 Dibromofluoromethane (Surr)	113	3.716	3.726	-0.010	95	175043	57.9	
50 1,1,1-Trichloroethane	97	3.731	3.740	-0.009	84	200441	20.7	
52 1,1-Dichloropropene	75	3.832	3.836	-0.004	90	114493	21.4	
43 2-Butanone (MEK)	72	3.841	3.846	-0.005	35	26644	88.6	
53 Benzene	78	4.044	4.048	-0.004	82	288246	18.1	
58 n-Heptane	57	4.039	4.058	-0.019	50	56265	21.0	
48 Propionitrile	54	4.082	4.087	-0.005	45	41851	231.4	
31 Methacrylonitrile	67	4.097	4.101	-0.004	79	155355	229.5	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.169	4.169	0.0	90	177500	55.2	
142 Tert-amyl methyl ether	73	4.178	4.188	-0.010	97	208609	23.4	
55 1,2-Dichloroethane	62	4.231	4.231	0.0	95	102006	20.2	
56 Isobutyl alcohol	43	4.357	4.352	0.005	1	9980	371.2	
* 59 Fluorobenzene	96	4.429	4.433	-0.004	93	515505	50.0	
60 2,4,4-Trimethyl-1-pentene	57	4.467	4.472	-0.005	88	411032	46.1	
57 Isopropyl acetate	43	4.525	4.525	0.0	55	65314	18.6	
63 Methylcyclohexane	83	4.578	4.583	-0.005	90	162726	20.0	
39 Methyl acrylate	55	4.583	4.583	0.0	69	115425	20.2	
61 Trichloroethene	95	4.588	4.597	-0.009	89	89656	20.1	
68 Dibromomethane	93	4.997	5.007	-0.009	84	36044	19.9	
62 n-Butanol	56	5.055	5.045	0.010	69	18982	554.9	
65 1,2-Dichloropropane	63	5.103	5.112	-0.009	76	54002	20.8	
64 Ethyl acrylate	55	5.194	5.194	0.0	54	40370	21.1	
70 Dichlorobromomethane	83	5.190	5.199	-0.009	95	104676	19.9	
* 150 1,4-Dioxane-d8	96	5.401	5.397	0.004	78	18637	1000.0	
66 Methyl methacrylate	100	5.406	5.416	-0.010	68	28845	44.8	
67 1,4-Dioxane	88	5.435	5.435	0.0	45	11312	367.5	M
69 n-Propyl acetate	43	5.584	5.584	0.0	94	38252	22.5	
72 2-Chloroethyl vinyl ether	63	5.854	5.864	-0.010	82	20337	28.0	
74 cis-1,3-Dichloropropene	75	5.893	5.897	-0.004	91	85389	16.3	
$ 76 Toluene-d8 (Surr)	98	6.095	6.100	-0.005	98	650372	52.5	
77 Toluene	91	6.153	6.162	-0.009	92	352674	18.0	
73 Epichlorohydrin	57	6.196	6.196	0.0	94	48628	322.8	
71 2-Nitropropane	41	6.432	6.441	-0.009	92	23568	43.0	
80 Tetrachloroethene	166	6.601	6.605	-0.005	90	115282	19.8	
75 4-Methyl-2-pentanone (MIBK)	43	6.663	6.668	-0.005	87	135892	87.7	
78 trans-1,3-Dichloropropene	75	6.682	6.692	-0.010	91	81633	18.0	
79 1,1,2-Trichloroethane	83	6.861	6.860	0.001	85	36420	18.5	
82 Ethyl methacrylate	69	6.942	6.942	0.0	82	52879	20.0	
84 Chlorodibromomethane	129	7.048	7.048	0.0	91	72097	17.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
81 1,3-Dichloropropane	76	7.149	7.154	-0.005	87	74946	18.8	
86 Ethylene Dibromide	107	7.265	7.265	0.0	91	44586	16.8	
85 n-Butyl acetate	73	7.539	7.535	0.004	91	9817	20.8	
83 2-Hexanone	43	7.588	7.588	0.0	92	88581	80.9	
* 87 Chlorobenzene-d5	117	7.795	7.795	0.0	80	466688	50.0	
88 Chlorobenzene	112	7.809	7.809	0.0	92	220739	18.3	
89 Ethylbenzene	106	7.867	7.867	0.0	98	130125	18.6	
90 1,1,1,2-Tetrachloroethane	131	7.886	7.891	-0.005	85	97240	18.6	
91 m-Xylene & p-Xylene	106	8.007	8.011	-0.004	99	159232	18.3	
92 o-Xylene	106	8.382	8.382	0.0	93	148893	18.3	
97 Bromoform	173	8.426	8.425	0.001	84	47148	18.8	
94 Styrene	104	8.430	8.435	-0.005	95	215507	18.3	
93 n-Butyl acrylate	73	8.599	8.599	0.0	95	36961	19.5	
98 Isopropylbenzene	105	8.657	8.661	-0.004	96	480486	19.5	
95 Camphene	41	8.729	8.729	0.0	94	40041	20.7	
96 Amyl acetate (mixed isomers)	43	8.816	8.820	-0.004	93	66026	20.2	
$ 99 4-Bromofluorobenzene	174	8.869	8.873	-0.004	92	224436	51.3	
100 Bromobenzene	156	8.936	8.936	0.0	91	100400	17.4	
102 N-Propylbenzene	91	8.999	8.998	0.001	99	534348	17.9	
101 1,1,2,2-Tetrachloroethane	83	9.071	9.071	0.0	77	52721	15.8	
143 4-Ethyltoluene	105	9.090	9.090	0.0	97	549985	20.8	
105 2-Chlorotoluene	91	9.095	9.100	-0.005	94	372814	17.5	
103 1,2,3-Trichloropropane	110	9.148	9.152	-0.004	90	21402	16.8	
106 1,3,5-Trimethylbenzene	105	9.162	9.167	-0.005	90	398299	17.1	
104 trans-1,4-Dichloro-2-butene	53	9.201	9.201	0.0	58	13565	17.2	
107 4-Chlorotoluene	91	9.230	9.234	-0.004	99	297082	16.4	
109 tert-Butylbenzene	119	9.398	9.398	0.0	84	319947	16.8	
108 Butyl Methacrylate	87	9.427	9.427	0.0	80	91265	19.1	
110 1,2,4-Trimethylbenzene	105	9.456	9.461	-0.005	97	408382	17.8	
113 sec-Butylbenzene	105	9.533	9.538	-0.005	98	520880	18.2	
114 4-Isopropyltoluene	119	9.653	9.653	0.0	88	457934	17.8	
115 1,3-Dichlorobenzene	146	9.673	9.677	-0.004	93	201529	16.8	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	94	282566	50.0	
117 1,4-Dichlorobenzene	146	9.745	9.745	0.0	92	197036	17.0	
119 2,3-Dihydroindene	117	9.865	9.870	-0.005	93	431315	25.0	
133 p-Diethylbenzene	119	9.923	9.923	0.0	93	335797	21.3	
118 Benzyl chloride	126	9.938	9.942	-0.004	97	32162	20.4	
120 n-Butylbenzene	92	9.962	9.966	-0.004	97	233084	17.3	
121 1,2-Dichlorobenzene	146	10.048	10.053	-0.005	94	198535	17.9	
132 1,2,4,5-Tetramethylbenzene	119	10.501	10.506	-0.005	95	475538	20.3	
122 1,2-Dibromo-3-Chloropropane	157	10.626	10.631	-0.005	57	15370	15.9	
145 1,3,5-Trichlorobenzene	180	10.650	10.650	0.0	97	227451	20.9	
126 Hexachlorobutadiene	225	11.088	11.093	-0.005	90	112284	17.4	
124 1,2,4-Trichlorobenzene	180	11.098	11.103	-0.005	92	161993	17.1	
123 Camphor	95	11.295	11.300	-0.005	83	34411	107.8	
127 Naphthalene	128	11.324	11.324	0.0	98	262224	17.0	
128 1,2,3-Trichlorobenzene	180	11.459	11.459	0.0	95	147851	18.0	
S 131 Xylenes, Total	100				0		36.6	

QC Flag Legend

Review Flags
M - Manually Integrated

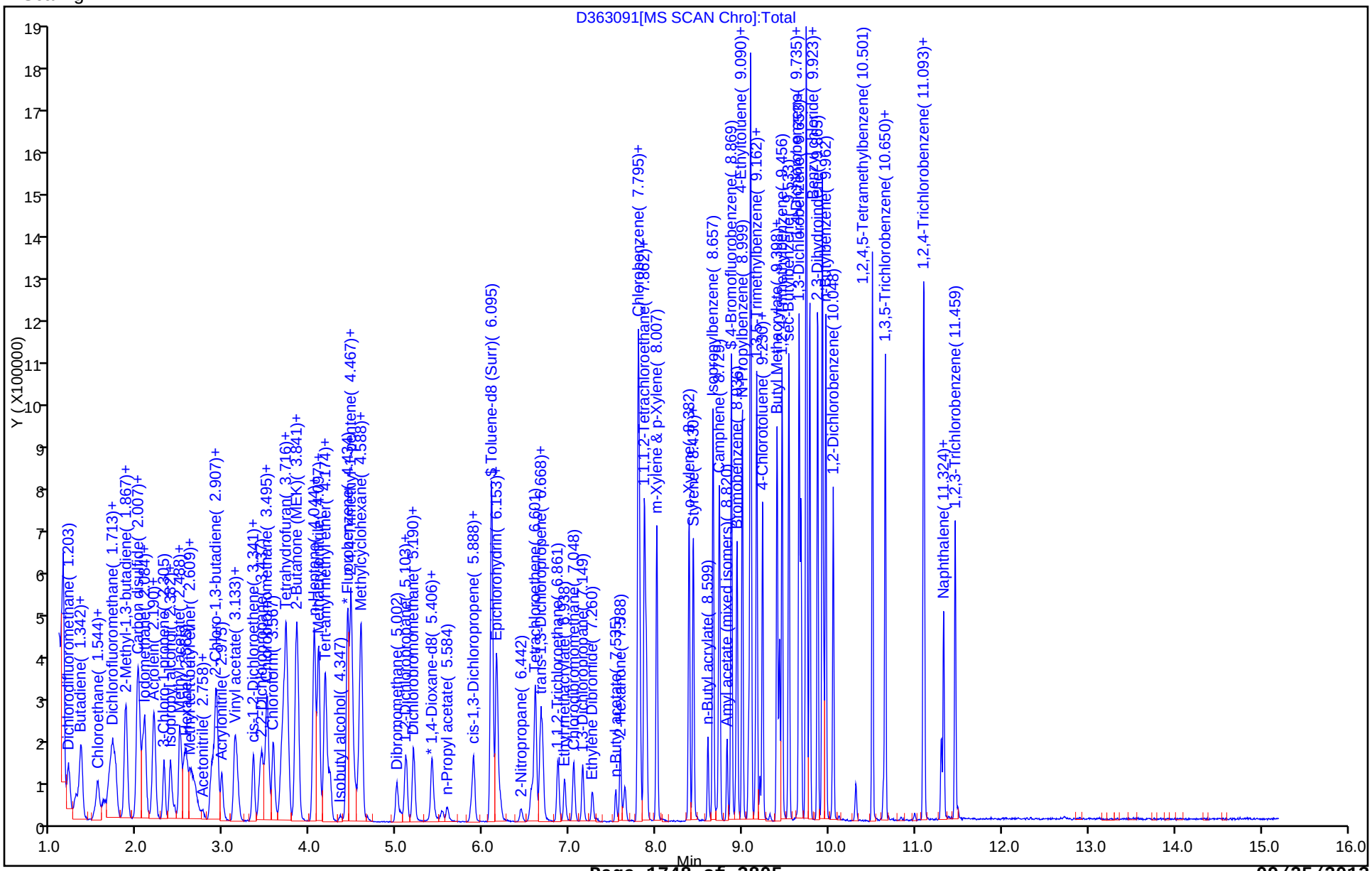
Report Date: 18-Sep-2013 18:57:10 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363091.D

Injection Date:	18-Sep-2013 15:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	6
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



Manual Integration/User Assign Peak Report

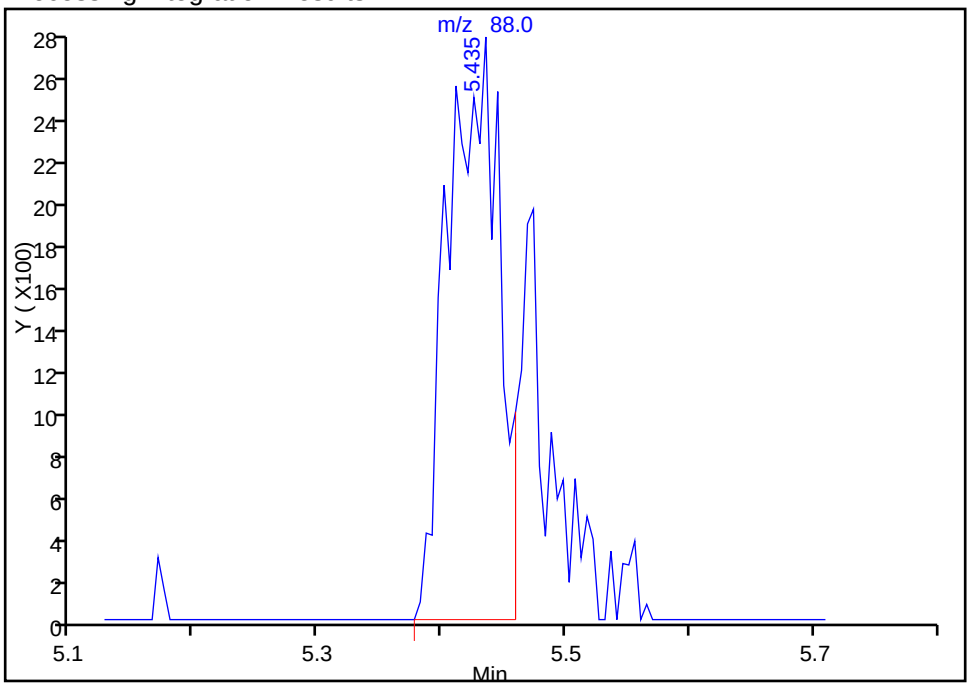
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130918-4780.b\D363091.D		
Injection Date:	18-Sep-2013 15:33:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182028	Lims Sample ID:	6
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

67 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 5.44

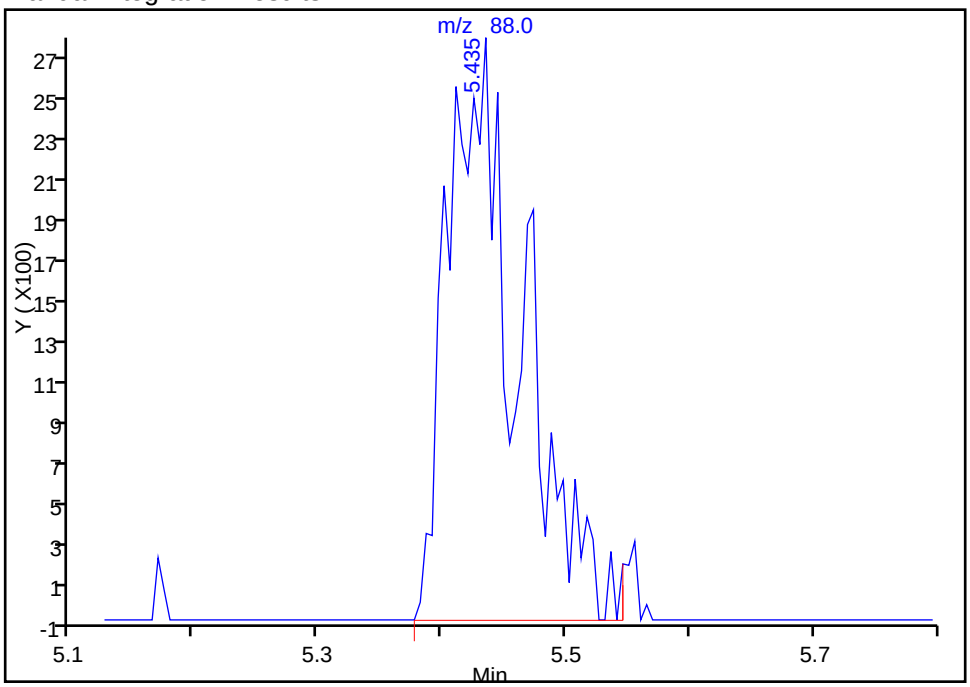
Processing Integration Results

RT: 5.44
Response: 8119
Amount: 257.9377



Manual Integration Results

RT: 5.44
Response: 11312
Amount: 367.5229



Reviewer: starzecm, 18-Sep-2013 18:55:34
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-182082/5

Matrix: Solid Lab File ID: D363117.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/19/2013 05:27

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.: 182082 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	21.3		1.0	0.43
75-01-4	Vinyl chloride	19.2		1.0	0.34
75-00-3	Chloroethane	21.7		1.0	0.33
75-09-2	Methylene Chloride	17.2		1.0	0.15
67-64-1	Acetone	97.1		10	1.7
75-15-0	Carbon disulfide	21.2		1.0	0.15
75-69-4	Trichlorofluoromethane	17.3		1.0	0.16
75-35-4	1,1-Dichloroethene	20.6		1.0	0.19
75-34-3	1,1-Dichloroethane	18.7		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	16.4		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	16.9		1.0	0.11
67-66-3	Chloroform	16.6		1.0	0.24
78-93-3	2-Butanone	83.2		10	0.63
107-06-2	1,2-Dichloroethane	16.1		1.0	0.18
71-55-6	1,1,1-Trichloroethane	16.6		1.0	0.13
56-23-5	Carbon tetrachloride	16.6		1.0	0.15
71-43-2	Benzene	18.2		1.0	0.15
75-25-2	Bromoform	18.7		1.0	0.17
100-42-5	Styrene	19.2		1.0	0.28
100-41-4	Ethylbenzene	19.2		1.0	0.17
108-90-7	Chlorobenzene	18.8		1.0	0.18
110-82-7	Cyclohexane	18.3		1.0	0.13
98-82-8	Isopropylbenzene	20.2		1.0	0.11
591-78-6	2-Hexanone	99.8		10	0.13
1634-04-4	MTBE	17.8		1.0	0.11
76-13-1	Freon TF	19.5		1.0	0.11
79-20-9	Methyl acetate	104		1.0	0.32
123-91-1	1,4-Dioxane	292		50	13
79-01-6	Trichloroethene	17.9		1.0	0.12
108-88-3	Toluene	18.7		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	18.9		1.0	0.10
108-10-1	4-Methyl-2-pentanone	109		10	0.20
10061-01-5	cis-1,3-Dichloropropene	18.4		1.0	0.14
95-50-1	1,2-Dichlorobenzene	18.5		1.0	0.10
541-73-1	1,3-Dichlorobenzene	18.9		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-182082/5

Matrix: Solid Lab File ID: D363117.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/19/2013 05:27

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.: 182082 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	18.9		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	19.9		1.0	0.16
78-87-5	1,2-Dichloropropane	19.2		1.0	0.15
108-87-2	Methylcyclohexane	18.2		1.0	0.10
127-18-4	Tetrachloroethene	19.4		1.0	0.12
1330-20-7	Xylenes, Total	38.8		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	19.9		1.0	0.090
79-00-5	1,1,2-Trichloroethane	19.8		1.0	0.14
124-48-1	Dibromochloromethane	17.5		1.0	0.10
106-93-4	1,2-Dibromoethane	18.6		1.0	0.15
75-71-8	Dichlorodifluoromethane	16.1		1.0	0.22
74-97-5	Bromochloromethane	15.2		1.0	0.11
75-27-4	Bromodichloromethane	17.7		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	107		70-130
460-00-4	Bromofluorobenzene	107		70-130
1868-53-7	Dibromofluoromethane (Surr)	92		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363117.D
Lims ID: LCSD
Client ID:
Inject. Date: 19-Sep-2013 05:27:30
Dil. Factor: 1.0000
Sample Type: LCSD
Sample ID: MB
Misc. Info.: 460-0004794-005
Operator:
Instrument ID: CVOAMS4
Purge Vol: 5.000 mL
ALS Bottle#: 4
Lims Batch ID: 182082
Lims Sample ID: 5
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\8260S_4.m
Last Update: 19-Sep-2013 16:09:53
Calib Date: 05-Sep-2013 06:32:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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: tupayachia
Date: 19-Sep-2013 09:05:44

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.203	1.202	0.0	99	190470	16.1	
2 Chloromethane	50	1.280	1.289	-0.009	78	109582	19.6	
149 Butadiene	54	1.347	1.337	0.010	81	96398	20.3	
4 Vinyl chloride	62	1.347	1.347	0.0	82	119073	19.2	
6 Bromomethane	94	1.540	1.530	0.010	93	101248	21.3	
7 Chloroethane	64	1.607	1.607	0.0	92	73580	21.7	
8 Trichlorofluoromethane	101	1.698	1.694	0.004	80	253116	17.3	
9 Dichlorofluoromethane	67	1.742	1.742	0.0	89	240129	21.0	
14 2-Methyl-1,3-butadiene	67	1.857	1.852	0.005	97	149310	21.2	
13 Ethyl ether	59	1.877	1.867	0.010	68	52472	22.7	
11 Ethanol	45	1.872	1.872	0.0	43	32487	1247.6	
34 Isopropyl alcohol	45	1.872	1.872	0.0	35	33104	241.4	
18 1,1-Dichloroethene	96	1.992	1.992	0.0	87	102769	20.6	
21 Carbon disulfide	76	2.011	2.007	0.004	99	345538	21.2	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.055	2.064	-0.009	94	137938	19.5	
20 Iodomethane	142	2.089	2.088	0.001	98	187940	19.4	
22 Cyclopentene	67	2.185	2.185	0.0	92	270035	21.2	
17 Acrolein	56	2.228	2.228	0.0	21	15528	111.2	
147 3-Chloro-1-propene	76	2.305	2.305	0.0	72	49349	18.5	
25 Methylene Chloride	84	2.382	2.382	0.0	75	84519	17.2	
19 Acetone	43	2.426	2.425	0.001	75	80035	97.1	
29 trans-1,2-Dichloroethene	96	2.488	2.488	0.0	83	97700	16.4	
23 Methyl acetate	43	2.512	2.517	-0.005	95	236870	104.0	
32 Hexane	57	2.556	2.551	0.005	81	146703	18.9	
27 Methyl tert-butyl ether	73	2.589	2.599	-0.010	92	218476	17.8	
* 151 TBA-d9 (IS)	65	2.642	2.652	-0.010	93	238014	1000.0	
26 2-Methyl-2-propanol	59	2.690	2.705	-0.015	76	66914	180.5	
24 Acetonitrile	41	2.763	2.763	0.0	89	27658	168.5	
35 Isopropyl ether	45	2.873	2.864	0.009	93	178953	19.3	
33 2-Chloro-1,3-butadiene	88	2.902	2.907	-0.005	86	84414	17.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
36 1,1-Dichloroethane	63	2.926	2.926	0.0	92	149679	18.7	
30 Acrylonitrile	53	2.975	2.974	0.001	93	116685	190.4	
40 Tert-butyl ethyl ether	59	3.138	3.129	0.009	86	230782	18.4	
37 Vinyl acetate	43	3.138	3.133	0.005	86	146180	38.4	
38 Allyl alcohol	57	3.129	3.138	-0.009	47	66086	472.4	
42 cis-1,2-Dichloroethene	96	3.345	3.340	0.005	92	91520	16.9	
41 2,2-Dichloropropane	77	3.432	3.437	-0.005	87	191911	17.6	
46 Chlorobromomethane	128	3.504	3.494	0.010	79	38713	15.2	
49 Cyclohexane	56	3.509	3.499	0.010	85	143824	18.3	
47 Chloroform	83	3.576	3.567	0.009	90	169847	16.6	
51 Carbon tetrachloride	117	3.682	3.682	0.0	88	215469	16.6	
44 Ethyl acetate	70	3.702	3.687	0.015	71	8543	27.9	
45 Tetrahydrofuran	42	3.706	3.702	0.004	50	23297	37.3	
$ 152 Dibromofluoromethane (Surr)	113	3.721	3.721	0.0	95	182111	45.8	
50 1,1,1-Trichloroethane	97	3.735	3.730	0.005	87	210833	16.6	
52 1,1-Dichloropropene	75	3.832	3.822	0.010	92	124075	17.6	
43 2-Butanone (MEK)	72	3.846	3.841	0.005	62	28673	83.2	
53 Benzene	78	4.048	4.043	0.005	96	320886	18.2	
58 n-Heptane	57	4.044	4.043	0.001	55	68756	19.5	
48 Propionitrile	54	4.087	4.087	0.0	26	46762	196.6	
31 Methacrylonitrile	67	4.101	4.101	0.0	83	159817	179.5	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.169	4.169	0.0	95	194566	46.0	
142 Tert-amyl methyl ether	73	4.188	4.173	0.015	97	200747	17.1	
55 1,2-Dichloroethane	62	4.231	4.236	-0.005	92	106425	16.1	
56 Isobutyl alcohol	43	4.371	4.352	0.019	1	11889	386.1	
* 59 Fluorobenzene	96	4.434	4.429	0.005	98	677997	50.0	
60 2,4,4-Trimethyl-1-pentene	57	4.472	4.477	-0.005	89	433380	37.3	
57 Isopropyl acetate	43	4.530	4.525	0.005	96	87567	18.9	
63 Methylcyclohexane	83	4.578	4.573	0.005	91	194153	18.2	
39 Methyl acrylate	55	4.583	4.578	0.005	68	139955	18.6	
61 Trichloroethene	95	4.592	4.588	0.004	90	104975	17.9	
68 Dibromomethane	93	5.002	5.007	-0.004	88	41602	17.5	
62 n-Butanol	56	5.055	5.045	0.010	79	19309	441.5	
65 1,2-Dichloropropane	63	5.108	5.103	0.005	77	65579	19.2	
64 Ethyl acrylate	55	5.199	5.194	0.005	48	45654	18.3	
70 Dichlorobromomethane	83	5.194	5.199	-0.005	95	122446	17.7	
* 150 1,4-Dioxane-d8	96	5.406	5.406	0.0	78	23943	1000.0	
66 Methyl methacrylate	100	5.416	5.411	0.005	82	32261	38.1	
67 1,4-Dioxane	88	5.426	5.435	-0.009	33	11719	292.4	
69 n-Propyl acetate	43	5.594	5.584	0.010	92	44997	20.1	
72 2-Chloroethyl vinyl ether	63	5.869	5.864	0.005	86	21959	23.0	
74 cis-1,3-Dichloropropene	75	5.893	5.888	0.005	90	106706	18.4	
$ 76 Toluene-d8 (Surr)	98	6.100	6.104	-0.004	98	734103	53.5	
77 Toluene	91	6.157	6.157	0.0	93	406858	18.7	
73 Epichlorohydrin	57	6.196	6.201	-0.005	96	67275	403.1	
71 2-Nitropropane	41	6.442	6.441	0.001	98	26935	37.4	
80 Tetrachloroethene	166	6.610	6.605	0.005	90	125019	19.4	
75 4-Methyl-2-pentanone (MIBK)	43	6.668	6.668	0.0	90	186392	108.5	
78 trans-1,3-Dichloropropene	75	6.692	6.687	0.005	92	94842	18.9	
79 1,1,2-Trichloroethane	83	6.865	6.870	-0.005	86	43032	19.8	
82 Ethyl methacrylate	69	6.947	6.947	0.0	81	65881	18.9	
84 Chlorodibromomethane	129	7.048	7.048	0.0	93	78532	17.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
81 1,3-Dichloropropane	76	7.154	7.159	-0.005	90	88796	20.1	
86 Ethylene Dibromide	107	7.265	7.265	0.0	95	54906	18.6	
85 n-Butyl acetate	73	7.535	7.539	-0.004	92	11624	22.3	
83 2-Hexanone	43	7.588	7.588	0.0	93	120936	99.8	
* 87 Chlorobenzene-d5	117	7.795	7.795	0.0	85	516992	50.0	
88 Chlorobenzene	112	7.809	7.814	-0.005	92	250753	18.8	
89 Ethylbenzene	106	7.867	7.867	0.0	99	148868	19.2	
90 1,1,1,2-Tetrachloroethane	131	7.891	7.891	0.0	89	106484	18.3	
91 m-Xylene & p-Xylene	106	8.011	8.011	0.0	97	186680	19.4	
92 o-Xylene	106	8.387	8.387	0.0	91	175362	19.4	
97 Bromoform	173	8.430	8.430	0.0	50	52000	18.7	
94 Styrene	104	8.435	8.435	0.0	94	250206	19.2	
93 n-Butyl acrylate	73	8.599	8.604	-0.005	96	40547	19.3	
98 Isopropylbenzene	105	8.661	8.661	0.0	96	551033	20.2	
95 Camphene	41	8.734	8.738	-0.004	95	39193	18.3	
96 Amyl acetate (mixed isomers)	43	8.825	8.825	0.0	91	72915	22.0	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	89	237025	53.3	
100 Bromobenzene	156	8.941	8.941	0.0	94	111403	19.0	
102 N-Propylbenzene	91	8.998	8.998	0.0	99	628664	20.8	
101 1,1,2,2-Tetrachloroethane	83	9.071	9.071	0.0	90	67241	19.9	
143 4-Ethyltoluene	105	9.095	9.095	0.0	91	540383	20.1	
105 2-Chlorotoluene	91	9.100	9.100	0.0	95	430465	19.9	
103 1,2,3-Trichloropropane	110	9.153	9.152	0.001	92	24810	19.2	
106 1,3,5-Trimethylbenzene	105	9.167	9.167	0.0	91	474271	20.0	
104 trans-1,4-Dichloro-2-butene	53	9.206	9.205	0.001	65	18573	22.7	
107 4-Chlorotoluene	91	9.234	9.234	0.0	98	368179	20.0	
109 tert-Butylbenzene	119	9.403	9.403	0.0	70	374295	19.3	
108 Butyl Methacrylate	87	9.432	9.432	0.0	82	99609	20.5	
110 1,2,4-Trimethylbenzene	105	9.461	9.461	0.0	97	473102	20.3	
113 sec-Butylbenzene	105	9.538	9.538	0.0	98	602990	20.7	
114 4-Isopropyltoluene	119	9.653	9.658	-0.005	90	531777	20.4	
115 1,3-Dichlorobenzene	146	9.677	9.677	0.0	90	230983	18.9	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	95	287025	50.0	
117 1,4-Dichlorobenzene	146	9.750	9.750	0.0	84	222430	18.9	
119 2,3-Dihydroindene	117	9.870	9.870	0.0	94	406162	17.9	
133 p-Diethylbenzene	119	9.923	9.923	0.0	94	325125	20.3	
118 Benzyl chloride	126	9.942	9.942	0.0	97	29444	18.3	
120 n-Butylbenzene	92	9.966	9.966	0.0	99	272391	19.9	
121 1,2-Dichlorobenzene	146	10.053	10.053	0.0	96	208211	18.5	
132 1,2,4,5-Tetramethylbenzene	119	10.506	10.506	0.0	95	476063	20.0	
122 1,2-Dibromo-3-Chloropropane	157	10.631	10.631	0.0	79	18541	18.9	
145 1,3,5-Trichlorobenzene	180	10.655	10.655	0.0	97	213781	19.3	
126 Hexachlorobutadiene	225	11.093	11.093	0.0	92	123432	18.8	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	93	182276	18.9	
123 Camphor	95	11.300	11.300	0.0	85	34568	106.5	
127 Naphthalene	128	11.329	11.329	0.0	99	292742	18.7	
128 1,2,3-Trichlorobenzene	180	11.459	11.464	-0.005	94	165985	19.9	
S 131 Xylenes, Total	100				0		38.8	

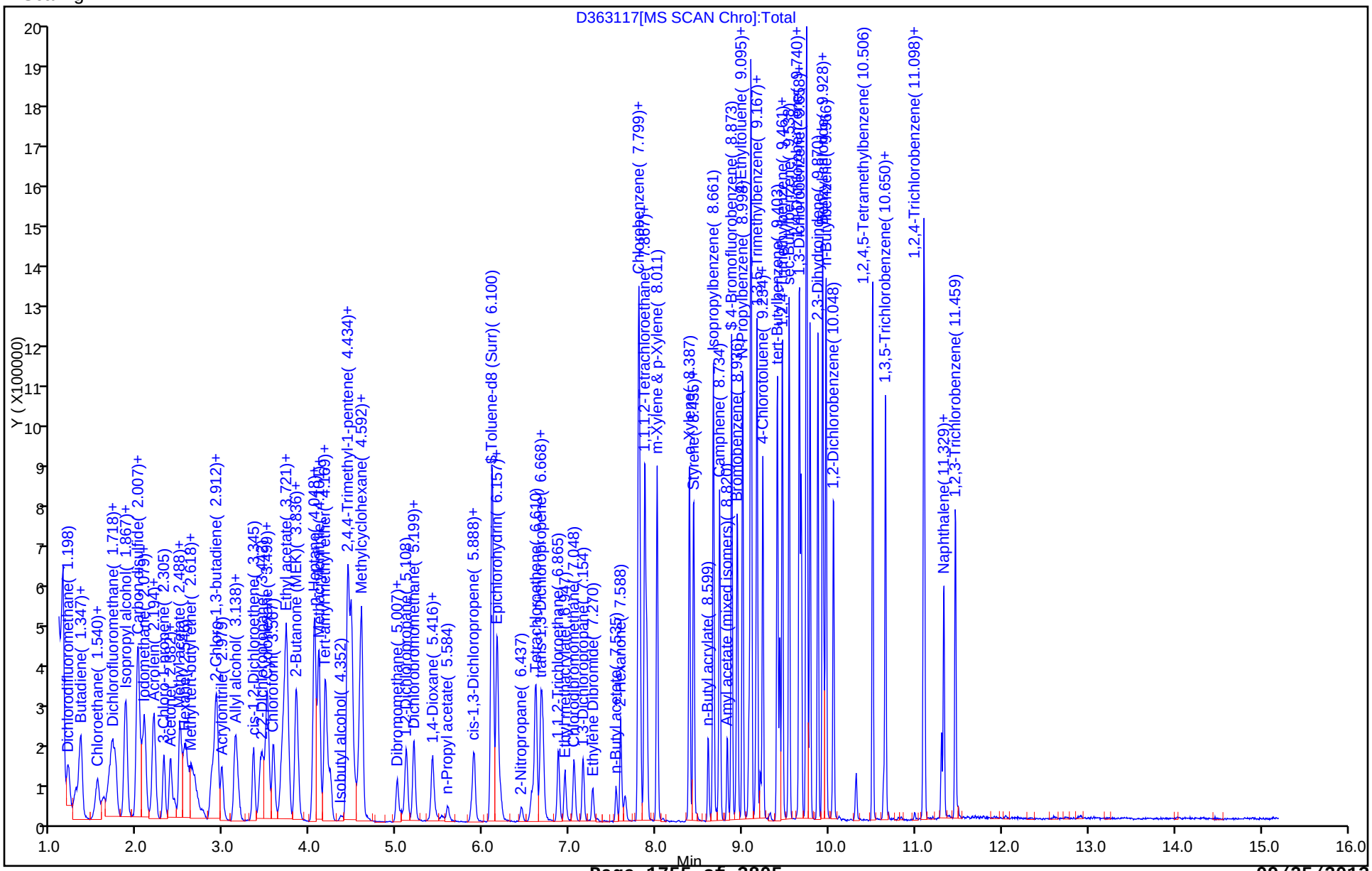
Report Date: 19-Sep-2013 16:09:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4794.b\D363117.D

Injection Date:	19-Sep-2013 05:27:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182082	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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-182221/4

Matrix: Solid Lab File ID: D363139.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/19/2013 14:09

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.: 182221 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	20.5		1.0	0.16
74-83-9	Bromomethane	22.2		1.0	0.43
75-01-4	Vinyl chloride	21.3		1.0	0.34
75-00-3	Chloroethane	21.1		1.0	0.33
75-09-2	Methylene Chloride	16.8		1.0	0.15
67-64-1	Acetone	90.2		5.0	1.7
75-15-0	Carbon disulfide	19.2		1.0	0.15
75-69-4	Trichlorofluoromethane	17.6		1.0	0.16
75-35-4	1,1-Dichloroethene	19.0		1.0	0.19
75-34-3	1,1-Dichloroethane	17.8		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	16.0		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	16.9		1.0	0.11
67-66-3	Chloroform	16.7		1.0	0.24
78-93-3	2-Butanone	122		5.0	0.63
107-06-2	1,2-Dichloroethane	15.7		1.0	0.18
71-55-6	1,1,1-Trichloroethane	15.9		1.0	0.13
56-23-5	Carbon tetrachloride	16.4		1.0	0.15
71-43-2	Benzene	18.5		1.0	0.15
75-25-2	Bromoform	17.5		1.0	0.17
100-42-5	Styrene	18.2		1.0	0.28
100-41-4	Ethylbenzene	18.3		1.0	0.17
108-90-7	Chlorobenzene	18.3		1.0	0.18
110-82-7	Cyclohexane	17.4		1.0	0.13
98-82-8	Isopropylbenzene	19.9		1.0	0.11
591-78-6	2-Hexanone	90.7		5.0	0.13
1634-04-4	MTBE	17.5		1.0	0.11
76-13-1	Freon TF	19.2		1.0	0.11
79-20-9	Methyl acetate	99.2		1.0	0.32
123-91-1	1,4-Dioxane	381		20	13
79-01-6	Trichloroethene	16.7		1.0	0.12
108-88-3	Toluene	17.8		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	18.2		1.0	0.10
108-10-1	4-Methyl-2-pentanone	98.7		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	17.6		1.0	0.14
95-50-1	1,2-Dichlorobenzene	18.2		1.0	0.10
541-73-1	1,3-Dichlorobenzene	18.1		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-182221/4

Matrix: Solid | Lab File ID: D363139.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/19/2013 14:09

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.: 182221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	17.3		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	17.2		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	19.3		1.0	0.16
78-87-5	1,2-Dichloropropane	16.9		1.0	0.15
108-87-2	Methylcyclohexane	16.9		1.0	0.10
127-18-4	Tetrachloroethene	18.7		1.0	0.12
1330-20-7	Xylenes, Total	37.2		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	17.7		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	17.6		1.0	0.090
79-00-5	1,1,2-Trichloroethane	19.2		1.0	0.14
124-48-1	Dibromochloromethane	16.5		1.0	0.10
106-93-4	1,2-Dibromoethane	16.4		1.0	0.15
75-71-8	Dichlorodifluoromethane	16.9		1.0	0.22
74-97-5	Bromochloromethane	15.1		1.0	0.11
75-27-4	Bromodichloromethane	15.9		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		70-130
2037-26-5	Toluene-d8 (Surr)	107		70-130
460-00-4	Bromofluorobenzene	105		70-130
1868-53-7	Dibromofluoromethane (Surr)	93		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363139.D
Lims ID: LCSD
Client ID:
Inject. Date: 19-Sep-2013 14:09:30
Dil. Factor: 1.0000
Sample Type: LCSD
Sample ID: LCSD
Misc. Info.: 460-0004820-004
Operator:
Instrument ID: CVOAMS4
Purge Vol: 5.000 mL
ALS Bottle#: 3
Lims Batch ID: 182221
Lims Sample ID: 4
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\8260S_4.m
Last Update: 20-Sep-2013 07:17:39
Calib Date: 05-Sep-2013 06:32:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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: 19-Sep-2013 17:30:25

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.203	1.207	-0.004	88	204685	16.9	
2 Chloromethane	50	1.284	1.294	-0.010	78	117539	20.5	
149 Butadiene	54	1.347	1.347	0.0	85	107171	22.1	
4 Vinyl chloride	62	1.352	1.356	-0.004	82	135625	21.3	
6 Bromomethane	94	1.540	1.544	-0.004	89	107964	22.2	
7 Chloroethane	64	1.612	1.612	0.0	89	73022	21.1	
8 Trichlorofluoromethane	101	1.694	1.703	-0.009	82	264057	17.6	
9 Dichlorofluoromethane	67	1.742	1.751	-0.009	89	239139	20.5	
14 2-Methyl-1,3-butadiene	67	1.862	1.867	-0.005	97	148919	20.7	
34 Isopropyl alcohol	45	1.867	1.872	-0.005	33	28524	217.9	
11 Ethanol	45	1.867	1.872	-0.005	36	28621	1141.7	
13 Ethyl ether	59	1.867	1.881	-0.014	51	48008	20.3	
18 1,1-Dichloroethene	96	1.992	2.006	-0.014	89	96785	19.0	
21 Carbon disulfide	76	2.007	2.016	-0.009	100	319311	19.2	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.064	2.059	0.005	88	138434	19.2	
20 Iodomethane	142	2.084	2.093	-0.009	99	184535	18.6	
22 Cyclopentene	67	2.190	2.199	-0.009	92	264167	20.3	
17 Acrolein	56	2.219	2.233	-0.014	18	14806	103.6	
147 3-Chloro-1-propene	76	2.300	2.315	-0.015	76	45881	16.8	
25 Methylene Chloride	84	2.377	2.387	-0.010	78	84761	16.8	
19 Acetone	43	2.416	2.435	-0.019	79	77138	90.2	
29 trans-1,2-Dichloroethene	96	2.488	2.488	0.0	82	98033	16.0	
23 Methyl acetate	43	2.507	2.522	-0.015	85	231502	99.2	
32 Hexane	57	2.541	2.555	-0.014	82	155644	19.6	
27 Methyl tert-butyl ether	73	2.585	2.589	-0.004	96	220100	17.5	
* 151 TBA-d9 (IS)	65	2.642	2.647	-0.005	77	227292	1000.0	
26 2-Methyl-2-propanol	59	2.686	2.705	-0.019	89	63502	179.2	
24 Acetonitrile	41	2.753	2.762	-0.009	93	24853	147.0	
35 Isopropyl ether	45	2.854	2.868	-0.014	93	183313	19.3	
33 2-Chloro-1,3-butadiene	88	2.898	2.912	-0.014	84	90468	18.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
36 1,1-Dichloroethane	63	2.922	2.931	-0.009	92	146069	17.8	
30 Acrylonitrile	53	2.970	2.979	-0.009	92	113830	181.5	
38 Allyl alcohol	57	3.133	3.133	0.0	37	65508	486.0	
40 Tert-butyl ethyl ether	59	3.124	3.138	-0.014	85	235566	18.4	
37 Vinyl acetate	43	3.133	3.138	-0.005	89	133562	34.3	
42 cis-1,2-Dichloroethene	96	3.341	3.345	-0.004	91	93411	16.9	
41 2,2-Dichloropropane	77	3.432	3.441	-0.009	85	189762	17.0	
46 Chlorobromomethane	128	3.495	3.504	-0.009	78	39316	15.1	
49 Cyclohexane	56	3.499	3.504	-0.005	82	140308	17.4	
47 Chloroform	83	3.567	3.576	-0.009	88	175186	16.7	
51 Carbon tetrachloride	117	3.678	3.677	0.001	90	217451	16.4	M
44 Ethyl acetate	70	3.678	3.701	-0.023	71	9728	31.2	
45 Tetrahydrofuran	42	3.697	3.706	-0.009	56	21386	33.1	
$ 152 Dibromofluoromethane (Surr)	113	3.711	3.721	-0.010	95	189995	46.7	
50 1,1,1-Trichloroethane	97	3.735	3.730	0.005	77	206551	15.9	
52 1,1-Dichloropropene	75	3.827	3.831	-0.004	92	135599	18.8	
43 2-Butanone (MEK)	72	3.827	3.841	-0.014	47	39998	121.6	
53 Benzene	78	4.044	4.048	-0.004	91	314995	18.5	
58 n-Heptane	57	4.044	4.053	-0.009	55	64979	18.0	
48 Propionitrile	54	4.087	4.087	0.0	25	44332	182.1	
31 Methacrylonitrile	67	4.092	4.101	-0.009	85	158794	174.3	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.164	4.173	-0.009	95	182618	42.2	
142 Tert-amyl methyl ether	73	4.174	4.183	-0.009	97	207860	17.3	
55 1,2-Dichloroethane	62	4.227	4.231	-0.004	90	106403	15.7	
56 Isobutyl alcohol	43	4.347	4.352	-0.005	1	13155	447.4	
* 59 Fluorobenzene	96	4.429	4.433	-0.004	93	693783	50.0	
60 2,4,4-Trimethyl-1-pentene	57	4.477	4.477	0.0	89	452970	38.0	
57 Isopropyl acetate	43	4.525	4.525	0.0	60	68756	14.5	
63 Methylcyclohexane	83	4.583	4.587	-0.004	89	185051	16.9	
39 Methyl acrylate	55	4.568	4.587	-0.019	65	127485	16.6	
61 Trichloroethene	95	4.588	4.597	-0.009	91	100315	16.7	
68 Dibromomethane	93	4.997	5.002	-0.005	90	40292	16.5	
62 n-Butanol	56	5.040	5.050	-0.010	81	18670	420.1	
65 1,2-Dichloropropane	63	5.108	5.108	0.0	77	59186	16.9	
64 Ethyl acrylate	55	5.194	5.199	-0.005	56	41553	16.4	
70 Dichlorobromomethane	83	5.194	5.199	-0.005	92	112364	15.9	
* 150 1,4-Dioxane-d8	96	5.392	5.406	-0.014	73	21675	1000.0	
66 Methyl methacrylate	100	5.401	5.411	-0.010	72	28462	32.9	
67 1,4-Dioxane	88	5.426	5.445	-0.019	17	13602	380.7	
69 n-Propyl acetate	43	5.584	5.584	0.0	89	40579	17.7	
72 2-Chloroethyl vinyl ether	63	5.864	5.873	-0.009	75	17558	17.9	
74 cis-1,3-Dichloropropene	75	5.888	5.892	-0.004	89	98774	17.6	
$ 76 Toluene-d8 (Surr)	98	6.095	6.104	-0.009	98	708806	53.4	
77 Toluene	91	6.157	6.162	-0.005	93	375193	17.8	
73 Epichlorohydrin	57	6.196	6.196	0.0	97	56017	347.0	
71 2-Nitropropane	41	6.442	6.446	-0.004	93	21033	28.5	
80 Tetrachloroethene	166	6.605	6.610	-0.005	89	116483	18.7	
75 4-Methyl-2-pentanone (MIBK)	43	6.663	6.668	-0.005	91	163944	98.7	
78 trans-1,3-Dichloropropene	75	6.692	6.692	0.0	95	88376	18.2	
79 1,1,2-Trichloroethane	83	6.861	6.870	-0.010	89	40446	19.2	
82 Ethyl methacrylate	69	6.942	6.947	-0.005	80	58318	16.4	
84 Chlorodibromomethane	129	7.043	7.048	-0.005	95	71419	16.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
81 1,3-Dichloropropane	76	7.149	7.154	-0.005	87	81835	19.1	
86 Ethylene Dibromide	107	7.265	7.270	-0.005	97	46823	16.4	
85 n-Butyl acetate	73	7.530	7.530	0.0	91	8544	16.6	
83 2-Hexanone	43	7.588	7.587	0.001	88	106315	90.7	
* 87 Chlorobenzene-d5	117	7.795	7.794	0.001	83	500120	50.0	
88 Chlorobenzene	112	7.809	7.809	0.0	91	235527	18.3	
89 Ethylbenzene	106	7.867	7.867	0.0	99	136806	18.3	
90 1,1,1,2-Tetrachloroethane	131	7.891	7.891	0.0	88	102672	18.3	
91 m-Xylene & p-Xylene	106	8.007	8.011	-0.004	97	171209	18.3	
92 o-Xylene	106	8.382	8.382	0.0	91	164320	18.8	
97 Bromoform	173	8.425	8.430	-0.005	92	47031	17.5	
94 Styrene	104	8.430	8.430	0.0	95	229339	18.2	
93 n-Butyl acrylate	73	8.599	8.599	0.0	96	36718	18.0	
98 Isopropylbenzene	105	8.657	8.661	-0.004	96	525901	19.9	
95 Camphene	41	8.734	8.729	0.005	95	35720	17.2	
96 Amyl acetate (mixed isomers)	43	8.820	8.820	0.0	93	68561	21.2	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	90	227205	52.4	
100 Bromobenzene	156	8.936	8.936	0.0	93	101752	17.8	
102 N-Propylbenzene	91	8.999	8.998	0.0	99	563416	19.1	
101 1,1,2,2-Tetrachloroethane	83	9.071	9.071	0.0	88	57946	17.6	
143 4-Ethyltoluene	105	9.090	9.090	0.0	93	521446	19.9	
105 2-Chlorotoluene	91	9.095	9.099	-0.004	95	403824	19.1	
103 1,2,3-Trichloropropane	110	9.153	9.152	0.001	92	22064	17.5	
106 1,3,5-Trimethylbenzene	105	9.162	9.167	-0.005	90	437527	18.9	
104 trans-1,4-Dichloro-2-butene	53	9.201	9.205	-0.004	55	14378	18.3	
107 4-Chlorotoluene	91	9.230	9.234	-0.004	99	329633	18.3	
109 tert-Butylbenzene	119	9.398	9.403	-0.005	72	349128	18.5	
108 Butyl Methacrylate	87	9.427	9.427	0.0	89	97180	20.5	
110 1,2,4-Trimethylbenzene	105	9.456	9.461	-0.005	97	447626	19.7	
113 sec-Butylbenzene	105	9.538	9.538	0.0	98	553473	19.5	
114 4-Isopropyltoluene	119	9.653	9.653	0.0	93	493299	19.4	
115 1,3-Dichlorobenzene	146	9.677	9.677	0.0	90	215200	18.1	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	94	280023	50.0	
117 1,4-Dichlorobenzene	146	9.745	9.745	0.0	81	199291	17.3	
119 2,3-Dihydroindene	117	9.870	9.870	0.0	90	392292	16.9	
133 p-Diethylbenzene	119	9.923	9.923	0.0	92	307307	19.7	
118 Benzyl chloride	126	9.942	9.942	0.0	98	27771	17.7	
120 n-Butylbenzene	92	9.962	9.961	0.001	98	257144	19.3	
121 1,2-Dichlorobenzene	146	10.048	10.048	0.0	95	199949	18.2	
132 1,2,4,5-Tetramethylbenzene	119	10.501	10.501	0.0	96	455123	19.6	
122 1,2-Dibromo-3-Chloropropane	157	10.626	10.631	-0.005	76	17023	17.7	
145 1,3,5-Trichlorobenzene	180	10.650	10.650	0.0	96	207479	19.2	
126 Hexachlorobutadiene	225	11.093	11.093	0.0	92	119063	18.6	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	94	161047	17.2	
123 Camphor	95	11.295	11.300	-0.005	86	37390	118.8	
127 Naphthalene	128	11.324	11.324	0.0	98	274305	18.0	
128 1,2,3-Trichlorobenzene	180	11.459	11.459	0.0	94	157180	19.3	
S 131 Xylenes, Total	100				0		37.2	

QC Flag Legend

Review Flags
M - Manually Integrated

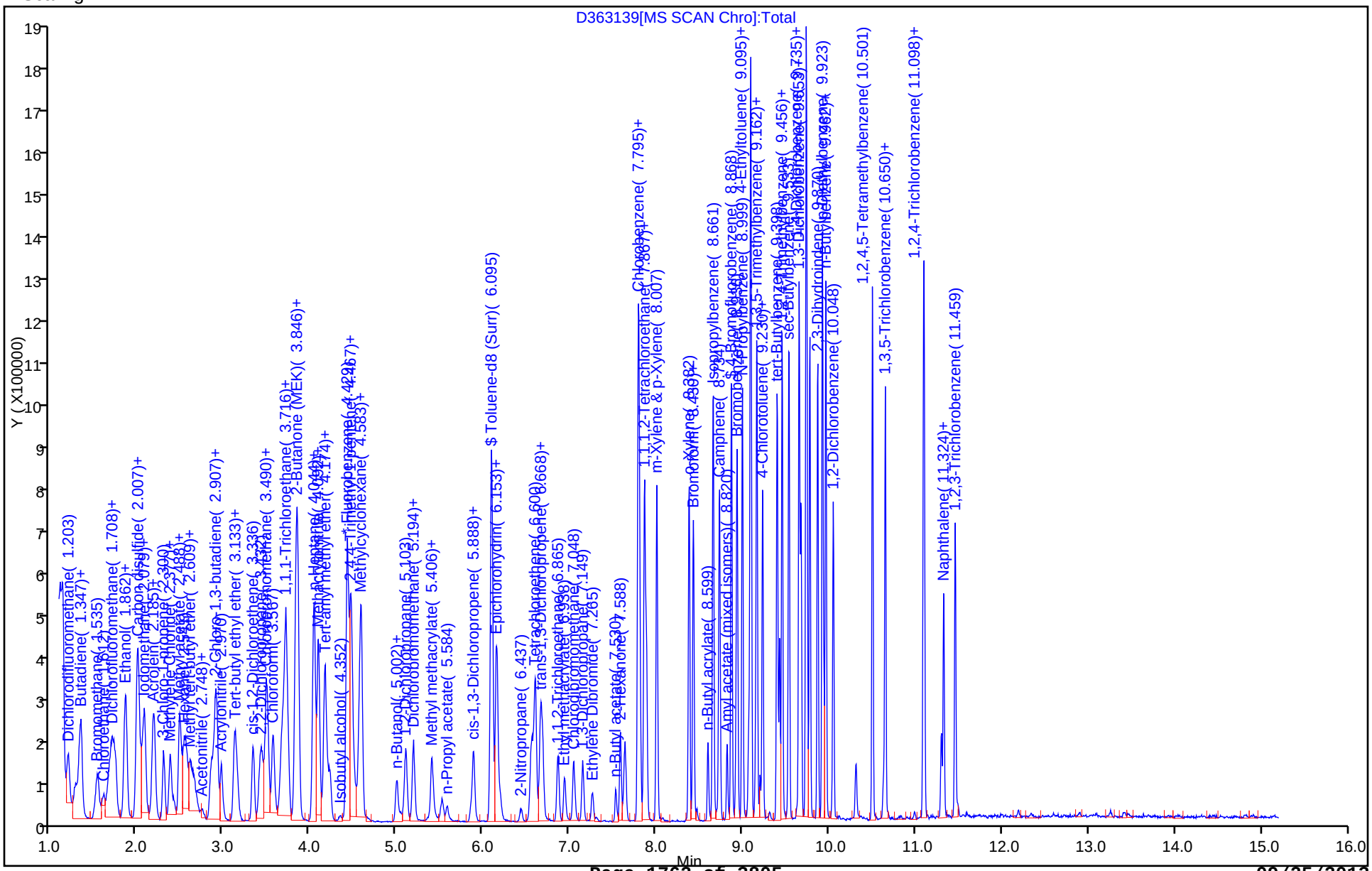
Report Date: 20-Sep-2013 07:17:39 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363139.D

Injection Date:	19-Sep-2013 14:09:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	4
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



Manual Integration/User Assign Peak Report

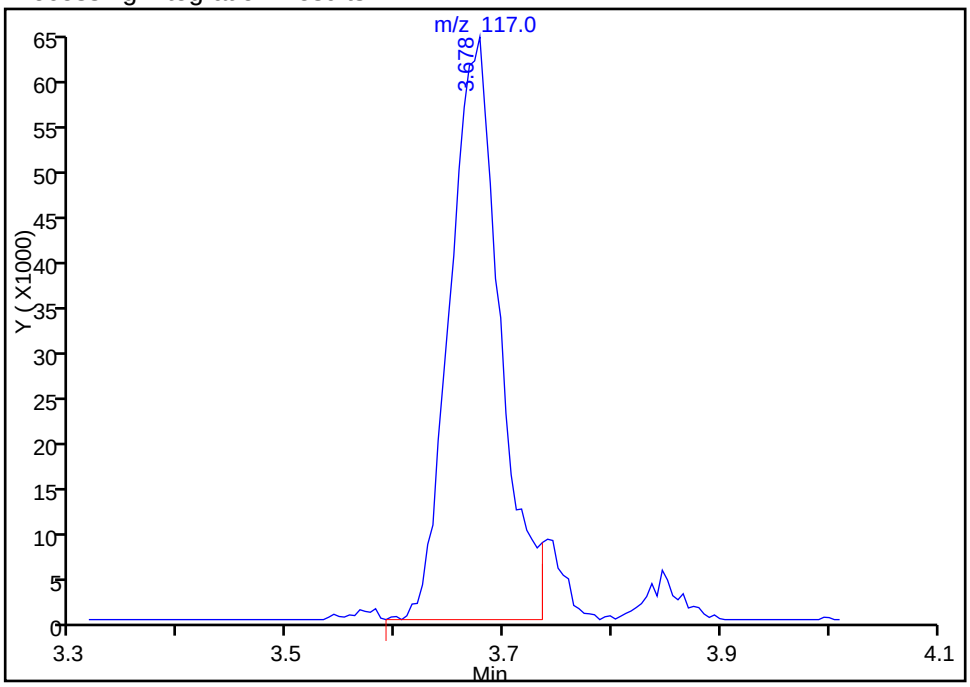
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130919-4820.b\D363139.D		
Injection Date:	19-Sep-2013 14:09:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182221	Lims Sample ID:	4
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

51 Carbon tetrachloride, Signal: 1, m/z: 117.0 Type: quant, RT: 3.68

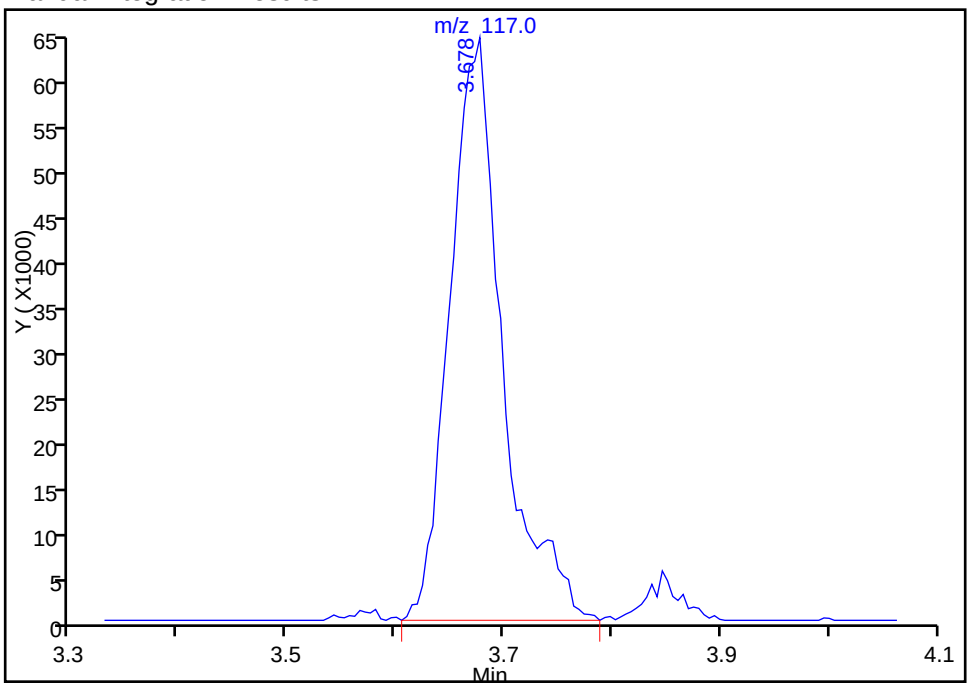
Processing Integration Results

RT: 3.68
Response: 206863
Amount: 15.572387



Manual Integration Results

RT: 3.68
Response: 217451
Amount: 16.369438



Reviewer: delpolitov, 20-Sep-2013 07:17:39
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-182467/5

Matrix: Solid | Lab File ID: D363220.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/21/2013 04:44

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.: 182467 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	18.0		1.0	0.16
74-83-9	Bromomethane	22.2		1.0	0.43
75-01-4	Vinyl chloride	19.6		1.0	0.34
75-00-3	Chloroethane	20.4		1.0	0.33
75-09-2	Methylene Chloride	16.7		1.0	0.15
67-64-1	Acetone	98.1		5.0	1.7
75-15-0	Carbon disulfide	18.5		1.0	0.15
75-69-4	Trichlorofluoromethane	20.3		1.0	0.16
75-35-4	1,1-Dichloroethene	19.5		1.0	0.19
75-34-3	1,1-Dichloroethane	17.2		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	16.5		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	17.9		1.0	0.11
67-66-3	Chloroform	17.4		1.0	0.24
78-93-3	2-Butanone	110		5.0	0.63
107-06-2	1,2-Dichloroethane	17.0		1.0	0.18
71-55-6	1,1,1-Trichloroethane	18.4		1.0	0.13
56-23-5	Carbon tetrachloride	19.1		1.0	0.15
71-43-2	Benzene	17.5		1.0	0.15
75-25-2	Bromoform	20.8		1.0	0.17
100-42-5	Styrene	18.0		1.0	0.28
100-41-4	Ethylbenzene	19.1		1.0	0.17
108-90-7	Chlorobenzene	18.4		1.0	0.18
110-82-7	Cyclohexane	16.7		1.0	0.13
98-82-8	Isopropylbenzene	20.2		1.0	0.11
591-78-6	2-Hexanone	81.5		5.0	0.13
1634-04-4	MTBE	17.9		1.0	0.11
76-13-1	Freon TF	19.8		1.0	0.11
79-20-9	Methyl acetate	89.0		1.0	0.32
123-91-1	1,4-Dioxane	377		20	13
79-01-6	Trichloroethene	18.0		1.0	0.12
108-88-3	Toluene	17.2		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	17.2		1.0	0.10
108-10-1	4-Methyl-2-pentanone	83.7		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	16.7		1.0	0.14
95-50-1	1,2-Dichlorobenzene	18.3		1.0	0.10
541-73-1	1,3-Dichlorobenzene	17.8		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-182467/5

Matrix: Solid | Lab File ID: D363220.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/21/2013 04:44

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.: 182467 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	17.8		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	19.4		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	20.3		1.0	0.16
78-87-5	1,2-Dichloropropane	15.9		1.0	0.15
108-87-2	Methylcyclohexane	17.3		1.0	0.10
127-18-4	Tetrachloroethene	22.2		1.0	0.12
1330-20-7	Xylenes, Total	37.9		3.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	18.4		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	15.1		1.0	0.090
79-00-5	1,1,2-Trichloroethane	18.0		1.0	0.14
124-48-1	Dibromochloromethane	18.6		1.0	0.10
106-93-4	1,2-Dibromoethane	17.9		1.0	0.15
75-71-8	Dichlorodifluoromethane	19.1		1.0	0.22
74-97-5	Bromochloromethane	19.2		1.0	0.11
75-27-4	Bromodichloromethane	17.5		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	103		70-130
460-00-4	Bromofluorobenzene	103		70-130
1868-53-7	Dibromofluoromethane (Surr)	104		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363220.D
Lims ID: LCSD
Client ID:
Inject. Date: 21-Sep-2013 04:44:30
Dil. Factor: 1.0000
Sample Type: LCSD
Sample ID: MB
Misc. Info.: 460-0004869-005
Operator:
Instrument ID: CVOAMS4
Purge Vol: 5.000 mL
ALS Bottle#: 4
Lims Batch ID: 182467
Lims Sample ID: 5
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\8260S_4.m
Last Update: 22-Sep-2013 07:07:10
Calib Date: 05-Sep-2013 06:32:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CVOAMS4\20130905-4301.b\D362536.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: tupayachia
Date: 21-Sep-2013 08:04:12

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.207	1.202	0.005	86	215560	19.1	
2 Chloromethane	50	1.280	1.294	-0.014	86	96354	18.0	
149 Butadiene	54	1.337	1.347	-0.010	87	87352	19.3	
4 Vinyl chloride	62	1.347	1.347	0.0	81	115995	19.6	
6 Bromomethane	94	1.540	1.544	-0.004	91	100726	22.2	
7 Chloroethane	64	1.607	1.607	0.0	61	65743	20.4	
8 Trichlorofluoromethane	101	1.698	1.689	0.009	83	283094	20.3	
9 Dichlorofluoromethane	67	1.737	1.747	-0.010	88	234258	21.5	
14 2-Methyl-1,3-butadiene	67	1.867	1.862	0.005	96	130012	19.4	
13 Ethyl ether	59	1.872	1.881	-0.009	82	41411	18.8	
34 Isopropyl alcohol	45	1.872	1.881	-0.009	43	24097	186.6	
11 Ethanol	45	1.872	1.881	-0.009	62	24211	962.6	
18 1,1-Dichloroethene	96	1.997	2.002	-0.005	86	92695	19.5	
21 Carbon disulfide	76	2.011	2.016	-0.005	99	287398	18.5	
16 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.045	2.064	-0.019	89	132902	19.8	
20 Iodomethane	142	2.088	2.089	0.0	97	194883	21.1	
22 Cyclopentene	67	2.190	2.194	-0.004	92	237861	19.6	
17 Acrolein	56	2.223	2.223	0.0	61	11523	86.5	
147 3-Chloro-1-propene	76	2.300	2.315	-0.015	71	43086	17.0	
25 Methylene Chloride	84	2.382	2.387	-0.005	75	78428	16.7	
19 Acetone	43	2.435	2.440	-0.005	76	76951	98.1	
29 trans-1,2-Dichloroethene	96	2.488	2.493	-0.005	79	94239	16.5	
23 Methyl acetate	43	2.512	2.522	-0.010	92	194190	89.0	
32 Hexane	57	2.546	2.556	-0.010	80	113775	15.4	
27 Methyl tert-butyl ether	73	2.594	2.609	-0.015	89	209841	17.9	
* 151 TBA-d9 (IS)	65	2.647	2.647	0.0	91	224121	1000.0	
26 2-Methyl-2-propanol	59	2.700	2.710	-0.010	86	61107	174.4	
24 Acetonitrile	41	2.763	2.772	-0.009	79	28133	180.4	
35 Isopropyl ether	45	2.869	2.878	-0.009	88	143181	16.2	
33 2-Chloro-1,3-butadiene	88	2.907	2.917	-0.010	89	84708	18.7	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
36 1,1-Dichloroethane	63	2.926	2.926	0.0	88	131762	17.2	
30 Acrylonitrile	53	2.975	2.979	-0.005	91	93619	160.2	
38 Allyl alcohol	57	3.138	3.133	0.005	42	57665	446.2	
40 Tert-butyl ethyl ether	59	3.138	3.143	-0.005	85	212283	17.8	
37 Vinyl acetate	43	3.138	3.148	-0.010	94	117317	32.3	
42 cis-1,2-Dichloroethene	96	3.345	3.350	-0.005	91	92103	17.9	
41 2,2-Dichloropropane	77	3.442	3.442	0.0	86	189367	18.2	
46 Chlorobromomethane	128	3.499	3.504	-0.005	66	46049	19.2	
49 Cyclohexane	56	3.509	3.504	0.005	77	125556	16.7	M
47 Chloroform	83	3.576	3.576	0.0	87	169426	17.4	
51 Carbon tetrachloride	117	3.673	3.682	-0.009	90	235995	19.1	
44 Ethyl acetate	70	3.702	3.711	-0.009	1	9969	34.4	M
45 Tetrahydrofuran	42	3.692	3.697	-0.005	40	18555	30.5	
$ 152 Dibromofluoromethane (Surr)	113	3.721	3.726	-0.005	96	197653	52.1	
50 1,1,1-Trichloroethane	97	3.735	3.745	-0.010	89	223668	18.4	
52 1,1-Dichloropropene	75	3.827	3.836	-0.009	93	128659	19.1	
43 2-Butanone (MEK)	72	3.846	3.851	-0.005	28	35782	110.3	
58 n-Heptane	57	4.044	4.048	-0.004	51	57397	17.1	
53 Benzene	78	4.044	4.058	-0.014	97	295844	17.5	
48 Propionitrile	54	4.087	4.096	-0.009	30	38563	170.0	
31 Methacrylonitrile	67	4.101	4.106	-0.005	74	149010	175.6	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	4.169	4.178	-0.009	93	189226	47.0	
142 Tert-amyl methyl ether	73	4.178	4.188	-0.010	97	198434	17.8	
55 1,2-Dichloroethane	62	4.231	4.231	0.0	92	107324	17.0	
56 Isobutyl alcohol	43	4.356	4.357	0.0	15	9545	329.2	
* 59 Fluorobenzene	96	4.434	4.438	-0.004	99	646333	50.0	
60 2,4,4-Trimethyl-1-pentene	57	4.472	4.477	-0.005	89	382770	34.6	
57 Isopropyl acetate	43	4.530	4.539	-0.009	92	75144	17.0	
39 Methyl acrylate	55	4.588	4.578	0.010	69	118852	16.6	
63 Methylcyclohexane	83	4.583	4.583	0.0	87	175854	17.3	
61 Trichloroethene	95	4.597	4.597	0.0	87	100605	18.0	
68 Dibromomethane	93	5.007	5.011	-0.004	83	42175	18.6	
62 n-Butanol	56	5.050	5.060	-0.010	63	19599	466.5	
65 1,2-Dichloropropane	63	5.112	5.117	-0.005	74	51771	15.9	
70 Dichlorobromomethane	83	5.199	5.199	0.0	92	115614	17.5	
64 Ethyl acrylate	55	5.194	5.209	-0.015	30	35011	14.9	
* 150 1,4-Dioxane-d8	96	5.401	5.416	-0.015	72	23033	1000.0	
66 Methyl methacrylate	100	5.411	5.411	0.0	65	29065	36.0	
67 1,4-Dioxane	88	5.425	5.440	-0.015	21	14334	377.3	
69 n-Propyl acetate	43	5.589	5.594	-0.005	90	35964	16.9	
72 2-Chloroethyl vinyl ether	63	5.864	5.864	0.0	83	20431	22.4	
74 cis-1,3-Dichloropropene	75	5.893	5.897	-0.004	89	92863	16.7	
$ 76 Toluene-d8 (Surr)	98	6.100	6.104	-0.004	97	679694	51.5	
77 Toluene	91	6.162	6.162	0.0	92	358555	17.2	
73 Epichlorohydrin	57	6.201	6.196	0.005	97	53472	333.4	
71 2-Nitropropane	41	6.446	6.446	0.0	91	21423	31.2	
80 Tetrachloroethene	166	6.605	6.610	-0.005	90	137236	22.2	
75 4-Methyl-2-pentanone (MIBK)	43	6.673	6.668	0.005	87	138229	83.7	
78 trans-1,3-Dichloropropene	75	6.692	6.697	-0.005	92	82965	17.2	
79 1,1,2-Trichloroethane	83	6.865	6.865	0.0	87	37690	18.0	
82 Ethyl methacrylate	69	6.947	6.947	0.0	80	52504	15.9	
84 Chlorodibromomethane	129	7.048	7.048	0.0	92	80029	18.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
81 1,3-Dichloropropane	76	7.154	7.154	0.0	88	74247	17.5	
86 Ethylene Dibromide	107	7.265	7.270	-0.005	95	50631	17.9	
85 n-Butyl acetate	73	7.539	7.535	0.004	90	10126	20.1	
83 2-Hexanone	43	7.588	7.592	-0.004	89	95003	81.5	
* 87 Chlorobenzene-d5	117	7.795	7.799	-0.004	82	496896	50.0	
88 Chlorobenzene	112	7.809	7.814	-0.005	93	236073	18.4	
89 Ethylbenzene	106	7.867	7.867	0.0	98	141969	19.1	
90 1,1,1,2-Tetrachloroethane	131	7.896	7.891	0.005	85	112931	20.2	
91 m-Xylene & p-Xylene	106	8.011	8.011	0.0	98	172735	18.6	
92 o-Xylene	106	8.382	8.387	-0.005	92	166866	19.3	
97 Bromoform	173	8.430	8.430	0.0	68	55679	20.8	
94 Styrene	104	8.430	8.435	-0.005	94	225694	18.0	
93 n-Butyl acrylate	73	8.599	8.604	-0.005	93	31567	15.6	
98 Isopropylbenzene	105	8.661	8.661	0.0	95	529770	20.2	
95 Camphene	41	8.734	8.734	0.0	95	33545	16.3	
96 Amyl acetate (mixed isomers)	43	8.825	8.825	0.0	92	57898	15.8	
$ 99 4-Bromofluorobenzene	174	8.873	8.873	0.0	96	251790	51.3	
100 Bromobenzene	156	8.941	8.941	0.0	91	118491	18.3	
102 N-Propylbenzene	91	8.998	8.998	0.0	99	570733	17.1	
101 1,1,2,2-Tetrachloroethane	83	9.071	9.071	0.0	83	56566	15.1	
143 4-Ethyltoluene	105	9.095	9.095	0.0	97	531319	17.9	
105 2-Chlorotoluene	91	9.100	9.100	0.0	95	402211	16.8	
103 1,2,3-Trichloropropane	110	9.153	9.153	0.0	88	23146	16.2	
106 1,3,5-Trimethylbenzene	105	9.167	9.167	0.0	90	457472	17.5	
104 trans-1,4-Dichloro-2-butene	53	9.206	9.206	0.0	58	16139	18.1	
107 4-Chlorotoluene	91	9.234	9.234	0.0	97	339668	16.7	
109 tert-Butylbenzene	119	9.403	9.403	0.0	83	378988	17.7	
108 Butyl Methacrylate	87	9.427	9.432	-0.005	84	92925	17.3	
110 1,2,4-Trimethylbenzene	105	9.461	9.461	0.0	97	466001	18.1	
113 sec-Butylbenzene	105	9.538	9.538	0.0	98	579994	18.0	
114 4-Isopropyltoluene	119	9.658	9.658	0.0	94	537514	18.6	
115 1,3-Dichlorobenzene	146	9.677	9.677	0.0	94	240222	17.8	
* 116 1,4-Dichlorobenzene-d4	152	9.735	9.735	0.0	94	317127	50.0	
117 1,4-Dichlorobenzene	146	9.750	9.750	0.0	92	231585	17.8	
119 2,3-Dihydroindene	117	9.870	9.870	0.0	91	414582	19.1	
133 p-Diethylbenzene	119	9.928	9.923	0.005	94	333841	18.9	
118 Benzyl chloride	126	9.942	9.942	0.0	98	34063	19.2	
120 n-Butylbenzene	92	9.966	9.966	0.0	97	263535	17.4	
121 1,2-Dichlorobenzene	146	10.053	10.053	0.0	95	227860	18.3	
132 1,2,4,5-Tetramethylbenzene	119	10.506	10.506	0.0	96	480930	18.3	
122 1,2-Dibromo-3-Chloropropane	157	10.631	10.626	0.005	70	19967	18.4	
145 1,3,5-Trichlorobenzene	180	10.650	10.655	-0.005	96	256181	20.9	
126 Hexachlorobutadiene	225	11.093	11.093	0.0	91	159005	22.0	
124 1,2,4-Trichlorobenzene	180	11.103	11.103	0.0	93	206660	19.4	
123 Camphor	95	11.300	11.300	0.0	84	39324	109.9	
127 Naphthalene	128	11.329	11.329	0.0	98	308970	17.9	
128 1,2,3-Trichlorobenzene	180	11.459	11.459	0.0	94	187094	20.3	
S 131 Xylenes, Total	100				0		37.9	

QC Flag Legend

Review Flags
M - Manually Integrated

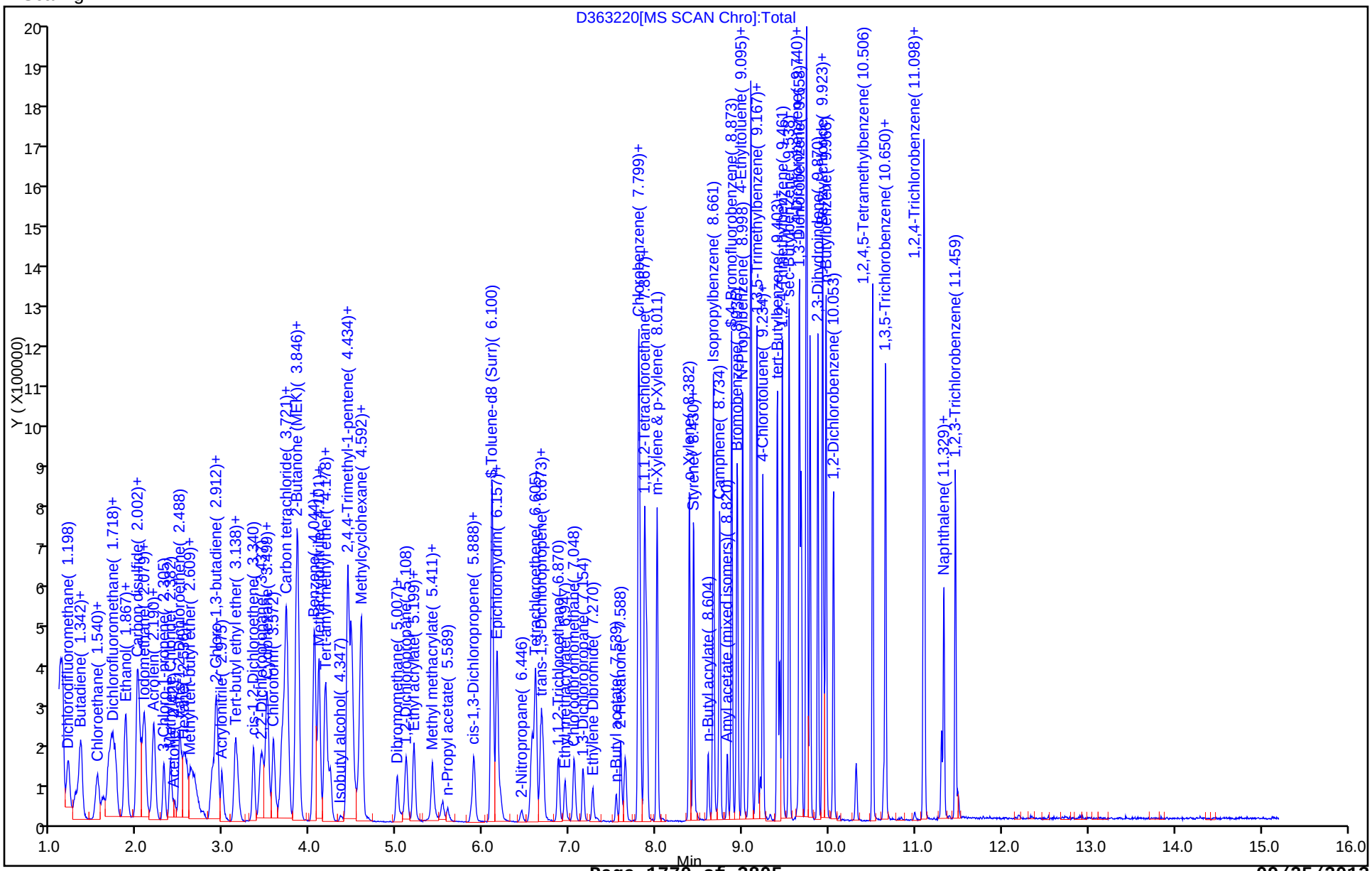
Report Date: 22-Sep-2013 07:07:12 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363220.D

Injection Date:	21-Sep-2013 04:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	5
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

Y Scaling:



Manual Integration/User Assign Peak Report

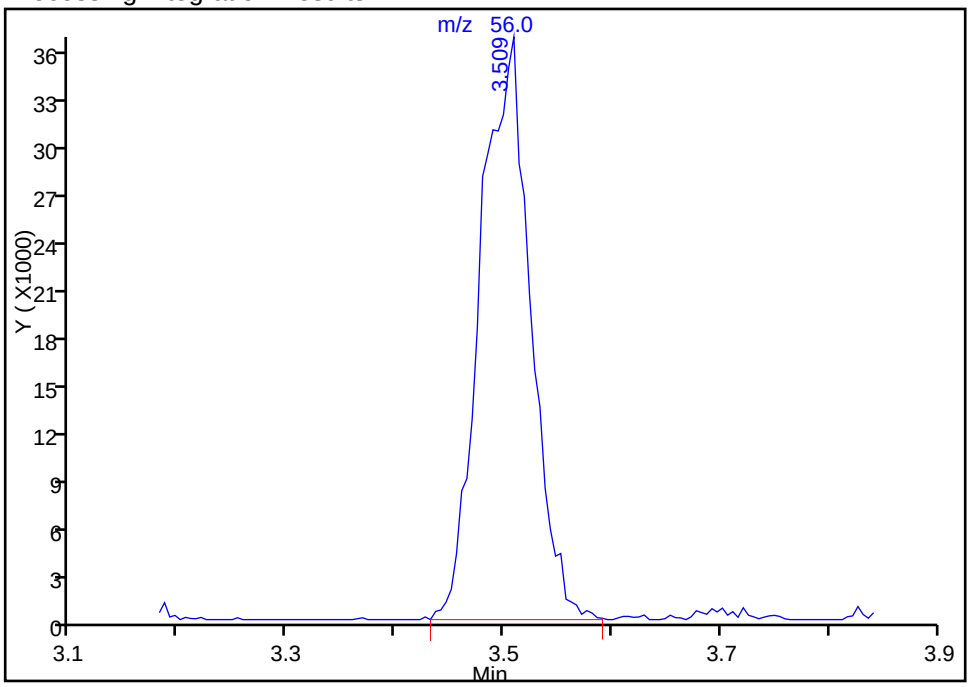
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CVOAMS4\20130921-4869.b\D363220.D		
Injection Date:	21-Sep-2013 04:44:30	Limit Group:	VOA - 8260B Water and Solid
Client ID:		Instrument ID:	CVOAMS4
Lims Batch ID:	182467	Lims Sample ID:	5
Operator ID:		Purge Vol:	5.000 mL
Column Type:	Rtx-624	Column Dia:	0.25 mm

49 Cyclohexane, Signal: 1, m/z: 56.0 Type: quant, RT: 3.50

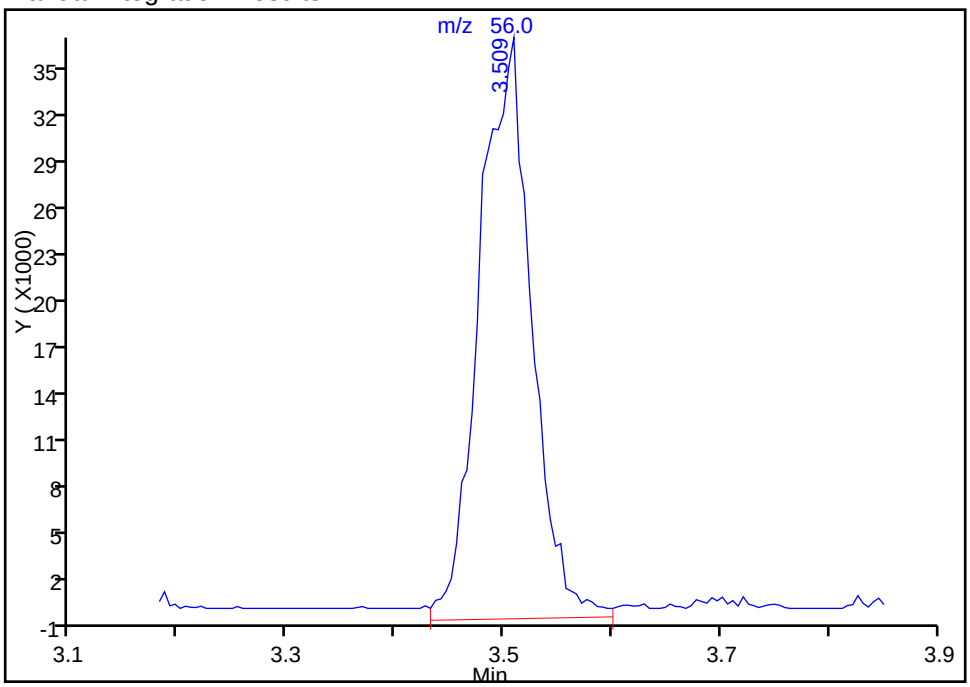
Processing Integration Results

RT: 3.51
Response: 118725
Amount: 15.836605



Manual Integration Results

RT: 3.51
Response: 125556
Amount: 16.747785



Reviewer: tupayachia, 21-Sep-2013 08:04:12
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-WT MS | Lab Sample ID: 460-62968-6 MS

Matrix: Solid | Lab File ID: B60676.D

Analysis Method: 8260B | Date Collected: 09/12/2013 09:25

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		390	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-WT MS | Lab Sample ID: 460-62968-6 MS

Matrix: Solid | Lab File ID: B60676.D

Analysis Method: 8260B | Date Collected: 09/12/2013 09:25

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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-62858-D-13-A MS

Matrix: Solid | Lab File ID: B60647.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 7.27(g) | Date Analyzed: 09/19/2013 01:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.0 | Level: (low/med) Medium

Analysis Batch No.: 182063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1240		150	15
74-83-9	Bromomethane	1270		150	28
75-01-4	Vinyl chloride	1410		150	22
75-00-3	Chloroethane	1500		150	26
75-09-2	Methylene Chloride	1460		150	28
67-64-1	Acetone	5970		770	410
75-15-0	Carbon disulfide	1080		150	19
75-69-4	Trichlorofluoromethane	1140		150	23
75-35-4	1,1-Dichloroethene	1290		150	14
75-34-3	1,1-Dichloroethane	1460		150	20
156-60-5	trans-1,2-Dichloroethene	1510		150	20
156-59-2	cis-1,2-Dichloroethene	1470		150	27
67-66-3	Chloroform	1490		150	12
78-93-3	2-Butanone	8070		770	360
107-06-2	1,2-Dichloroethane	1460		150	29
71-55-6	1,1,1-Trichloroethane	1370		150	9.6
56-23-5	Carbon tetrachloride	1350		150	8.8
71-43-2	Benzene	1520		150	13
75-25-2	Bromoform	1540		150	30
100-42-5	Styrene	1520		150	18
100-41-4	Ethylbenzene	1970		150	15
108-90-7	Chlorobenzene	1480		150	17
110-82-7	Cyclohexane	1800		150	25
98-82-8	Isopropylbenzene	1970		150	12
591-78-6	2-Hexanone	7190		770	77
1634-04-4	MTBE	1420		150	21
76-13-1	Freon TF	1560		150	13
79-20-9	Methyl acetate	7410		770	52
123-91-1	1,4-Dioxane	29100		7700	5600
79-01-6	Trichloroethene	1370		150	14
108-88-3	Toluene	1480		150	23
10061-02-6	trans-1,3-Dichloropropene	1700		150	38
108-10-1	4-Methyl-2-pentanone	7420		770	150
10061-01-5	cis-1,3-Dichloropropene	1410		150	28
95-50-1	1,2-Dichlorobenzene	1550		150	32
541-73-1	1,3-Dichlorobenzene	1580		150	21

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-62858-D-13-A MS

Matrix: Solid | Lab File ID: B60647.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 7.27(g) | Date Analyzed: 09/19/2013 01:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.0 | Level: (low/med) Medium

Analysis Batch No.: 182063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1500		150	36
120-82-1	1,2,4-Trichlorobenzene	1420		150	53
87-61-6	1,2,3-Trichlorobenzene	1770		150	79
78-87-5	1,2-Dichloropropane	1420		150	13
108-87-2	Methylcyclohexane	2690		150	21
127-18-4	Tetrachloroethene	1450		150	15
1330-20-7	Xylenes, Total	4040		460	56
96-12-8	1,2-Dibromo-3-Chloropropane	1800		150	62
79-34-5	1,1,2,2-Tetrachloroethane	1940		150	24
79-00-5	1,1,2-Trichloroethane	1440		150	29
124-48-1	Dibromochloromethane	1290		150	31
106-93-4	1,2-Dibromoethane	1430		150	43
75-71-8	Dichlorodifluoromethane	1290		150	33
74-97-5	Bromochloromethane	1440		150	42
75-27-4	Bromodichloromethane	1230		150	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		75-135
2037-26-5	Toluene-d8 (Surr)	74		59-150
460-00-4	Bromofluorobenzene	80		72-133
1868-53-7	Dibromofluoromethane (Surr)	82		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-62990-A-6 MS

Matrix: Water Lab File ID: P75179.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/19/2013 00:01

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182051 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	115		5.0	0.50
74-83-9	Bromomethane	64.1		5.0	0.90
75-01-4	Vinyl chloride	111		5.0	0.70
75-00-3	Chloroethane	112		5.0	0.85
75-09-2	Methylene Chloride	114		5.0	0.90
67-64-1	Acetone	580		25	13
75-15-0	Carbon disulfide	123		5.0	0.65
75-69-4	Trichlorofluoromethane	120		5.0	0.75
75-35-4	1,1-Dichloroethene	116		5.0	0.45
75-34-3	1,1-Dichloroethane	121		5.0	0.65
156-60-5	trans-1,2-Dichloroethene	117		5.0	0.65
156-59-2	cis-1,2-Dichloroethene	111		5.0	0.90
67-66-3	Chloroform	118		5.0	0.40
78-93-3	2-Butanone	413		25	12
107-06-2	1,2-Dichloroethane	122		5.0	0.95
71-55-6	1,1,1-Trichloroethane	120		5.0	0.30
56-23-5	Carbon tetrachloride	128		5.0	0.30
71-43-2	Benzene	108		5.0	0.40
75-25-2	Bromoform	96.0		5.0	0.95
100-42-5	Styrene	105		5.0	0.60
100-41-4	Ethylbenzene	106		5.0	0.50
108-90-7	Chlorobenzene	105		5.0	0.55
110-82-7	Cyclohexane	120		5.0	0.80
98-82-8	Isopropylbenzene	114		5.0	0.40
591-78-6	2-Hexanone	504		25	2.5
1634-04-4	MTBE	117		5.0	0.70
76-13-1	Freon TF	123		5.0	0.40
79-20-9	Methyl acetate	576		25	1.7
123-91-1	1,4-Dioxane	1760		250	180
79-01-6	Trichloroethene	112		5.0	0.45
108-88-3	Toluene	111		5.0	0.75
10061-02-6	trans-1,3-Dichloropropene	111		5.0	1.2
108-10-1	4-Methyl-2-pentanone	513		25	5.0
10061-01-5	cis-1,3-Dichloropropene	106		5.0	0.90
95-50-1	1,2-Dichlorobenzene	106		5.0	1.1
541-73-1	1,3-Dichlorobenzene	102		5.0	0.70

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-62990-A-6 MS

Matrix: Water | Lab File ID: P75179.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/19/2013 00:01

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 182051 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	102		5.0	1.2
120-82-1	1,2,4-Trichlorobenzene	88.3		5.0	1.7
87-61-6	1,2,3-Trichlorobenzene	95.7		5.0	2.6
78-87-5	1,2-Dichloropropane	111		5.0	0.45
108-87-2	Methylcyclohexane	116		5.0	0.70
127-18-4	Tetrachloroethene	104		5.0	0.50
1330-20-7	Xylenes, Total	209		15	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	120		5.0	2.0
79-34-5	1,1,2,2-Tetrachloroethane	103		5.0	0.80
79-00-5	1,1,2-Trichloroethane	104		5.0	0.95
124-48-1	Dibromochloromethane	107		5.0	1.0
106-93-4	1,2-Dibromoethane	98.8		5.0	1.4
75-71-8	Dichlorodifluoromethane	114		5.0	1.1
74-97-5	Bromochloromethane	101		5.0	1.4
75-27-4	Bromodichloromethane	113		5.0	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		70-130
2037-26-5	Toluene-d8 (Surr)	110		70-130
460-00-4	Bromofluorobenzene	111		70-130
1868-53-7	Dibromofluoromethane (Surr)	112		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-WT MSD | Lab Sample ID: 460-62968-6 MSD

Matrix: Solid | Lab File ID: B60677.D

Analysis Method: 8260B | Date Collected: 09/12/2013 09:25

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		390	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-WT MSD | Lab Sample ID: 460-62968-6 MSD

Matrix: Solid | Lab File ID: B60677.D

Analysis Method: 8260B | Date Collected: 09/12/2013 09:25

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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-62858-D-13-A MSD

Matrix: Solid Lab File ID: B60648.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 7.27(g) Date Analyzed: 09/19/2013 02:21

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.0 Level: (low/med) Medium

Analysis Batch No.: 182063 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1340		150	15
74-83-9	Bromomethane	1300		150	28
75-01-4	Vinyl chloride	1540		150	22
75-00-3	Chloroethane	1660		150	26
75-09-2	Methylene Chloride	1520		150	28
67-64-1	Acetone	7490		770	410
75-15-0	Carbon disulfide	1230		150	19
75-69-4	Trichlorofluoromethane	1290		150	23
75-35-4	1,1-Dichloroethene	1430		150	14
75-34-3	1,1-Dichloroethane	1630		150	20
156-60-5	trans-1,2-Dichloroethene	1670		150	20
156-59-2	cis-1,2-Dichloroethene	1570		150	27
67-66-3	Chloroform	1550		150	12
78-93-3	2-Butanone	7780		770	360
107-06-2	1,2-Dichloroethane	1520		150	29
71-55-6	1,1,1-Trichloroethane	1630		150	9.6
56-23-5	Carbon tetrachloride	1600		150	8.8
71-43-2	Benzene	1590		150	13
75-25-2	Bromoform	1600		150	30
100-42-5	Styrene	1610		150	18
100-41-4	Ethylbenzene	2090		150	15
108-90-7	Chlorobenzene	1600		150	17
110-82-7	Cyclohexane	2050		150	25
98-82-8	Isopropylbenzene	2060		150	12
591-78-6	2-Hexanone	7580		770	77
1634-04-4	MTBE	1680		150	21
76-13-1	Freon TF	1780		150	13
79-20-9	Methyl acetate	8470		770	52
123-91-1	1,4-Dioxane	35200		7700	5600
79-01-6	Trichloroethene	1480		150	14
108-88-3	Toluene	1560		150	23
10061-02-6	trans-1,3-Dichloropropene	1750		150	38
108-10-1	4-Methyl-2-pentanone	7710		770	150
10061-01-5	cis-1,3-Dichloropropene	1510		150	28
95-50-1	1,2-Dichlorobenzene	1590		150	32
541-73-1	1,3-Dichlorobenzene	1620		150	21

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-62858-D-13-A MSD

Matrix: Solid | Lab File ID: B60648.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 7.27(g) | Date Analyzed: 09/19/2013 02:21

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.0 | Level: (low/med) Medium

Analysis Batch No.: 182063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1530		150	36
120-82-1	1,2,4-Trichlorobenzene	1630		150	53
87-61-6	1,2,3-Trichlorobenzene	1950		150	79
78-87-5	1,2-Dichloropropane	1500		150	13
108-87-2	Methylcyclohexane	2810		150	21
127-18-4	Tetrachloroethene	1590		150	15
1330-20-7	Xylenes, Total	4210		460	56
96-12-8	1,2-Dibromo-3-Chloropropane	1830		150	62
79-34-5	1,1,2,2-Tetrachloroethane	1890		150	24
79-00-5	1,1,2-Trichloroethane	1510		150	29
124-48-1	Dibromochloromethane	1340		150	31
106-93-4	1,2-Dibromoethane	1470		150	43
75-71-8	Dichlorodifluoromethane	1360		150	33
74-97-5	Bromochloromethane	1490		150	42
75-27-4	Bromodichloromethane	1310		150	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		75-135
2037-26-5	Toluene-d8 (Surr)	78		59-150
460-00-4	Bromofluorobenzene	84		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.: 460-62968-1

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.: 460-62968-1

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-62990-A-6 MSD

Matrix: Water Lab File ID: P75180.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/19/2013 00:24

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182051 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	117		5.0	0.50
74-83-9	Bromomethane	64.3		5.0	0.90
75-01-4	Vinyl chloride	99.1		5.0	0.70
75-00-3	Chloroethane	106		5.0	0.85
75-09-2	Methylene Chloride	107		5.0	0.90
67-64-1	Acetone	543		25	13
75-15-0	Carbon disulfide	114		5.0	0.65
75-69-4	Trichlorofluoromethane	113		5.0	0.75
75-35-4	1,1-Dichloroethene	102		5.0	0.45
75-34-3	1,1-Dichloroethane	115		5.0	0.65
156-60-5	trans-1,2-Dichloroethene	105		5.0	0.65
156-59-2	cis-1,2-Dichloroethene	103		5.0	0.90
67-66-3	Chloroform	107		5.0	0.40
78-93-3	2-Butanone	418		25	12
107-06-2	1,2-Dichloroethane	113		5.0	0.95
71-55-6	1,1,1-Trichloroethane	113		5.0	0.30
56-23-5	Carbon tetrachloride	117		5.0	0.30
71-43-2	Benzene	101		5.0	0.40
75-25-2	Bromoform	91.2		5.0	0.95
100-42-5	Styrene	97.3		5.0	0.60
100-41-4	Ethylbenzene	101		5.0	0.50
108-90-7	Chlorobenzene	99.8		5.0	0.55
110-82-7	Cyclohexane	112		5.0	0.80
98-82-8	Isopropylbenzene	105		5.0	0.40
591-78-6	2-Hexanone	474		25	2.5
1634-04-4	MTBE	109		5.0	0.70
76-13-1	Freon TF	108		5.0	0.40
79-20-9	Methyl acetate	538		25	1.7
123-91-1	1,4-Dioxane	2160		250	180
79-01-6	Trichloroethene	103		5.0	0.45
108-88-3	Toluene	101		5.0	0.75
10061-02-6	trans-1,3-Dichloropropene	101		5.0	1.2
108-10-1	4-Methyl-2-pentanone	487		25	5.0
10061-01-5	cis-1,3-Dichloropropene	98.2		5.0	0.90
95-50-1	1,2-Dichlorobenzene	94.6		5.0	1.1
541-73-1	1,3-Dichlorobenzene	94.4		5.0	0.70

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-62990-A-6 MSD

Matrix: Water Lab File ID: P75180.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/19/2013 00:24

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 182051 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	94.7		5.0	1.2
120-82-1	1,2,4-Trichlorobenzene	82.1		5.0	1.7
87-61-6	1,2,3-Trichlorobenzene	89.4		5.0	2.6
78-87-5	1,2-Dichloropropane	102		5.0	0.45
108-87-2	Methylcyclohexane	106		5.0	0.70
127-18-4	Tetrachloroethene	95.3		5.0	0.50
1330-20-7	Xylenes, Total	198		15	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	110		5.0	2.0
79-34-5	1,1,2,2-Tetrachloroethane	92.7		5.0	0.80
79-00-5	1,1,2-Trichloroethane	92.6		5.0	0.95
124-48-1	Dibromochloromethane	97.7		5.0	1.0
106-93-4	1,2-Dibromoethane	94.1		5.0	1.4
75-71-8	Dichlorodifluoromethane	102		5.0	1.1
74-97-5	Bromochloromethane	93.4		5.0	1.4
75-27-4	Bromodichloromethane	104		5.0	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	103		70-130
1868-53-7	Dibromofluoromethane (Surr)	101		70-130

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Instrument ID: CVOAMS13 Start Date: 08/15/2013 08:03

Analysis Batch Number: 176275 End Date: 08/15/2013 19:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-176275/1		08/15/2013 08:03	1	P73657.D	Rtx-624 0.25(mm)
STD05 460-176275/4 IC		08/15/2013 09:12	1	P73660.D	Rtx-624 0.25(mm)
STD1 460-176275/5 IC		08/15/2013 09:35	1	P73661.D	Rtx-624 0.25(mm)
STD2 460-176275/6 IC		08/15/2013 09:59	1	P73662.D	Rtx-624 0.25(mm)
ICIS 460-176275/7		08/15/2013 10:22	1	P73663.D	Rtx-624 0.25(mm)
STD4 460-176275/8 IC		08/15/2013 10:45	1	P73664.D	Rtx-624 0.25(mm)
STD5 460-176275/9 IC		08/15/2013 11:19	1	P73665.D	Rtx-624 0.25(mm)
STD6 460-176275/10 IC		08/15/2013 11:42	1	P73666.D	Rtx-624 0.25(mm)
ZZZZZ		08/15/2013 12:52	50		Rtx-624 0.25(mm)
ZZZZZ		08/15/2013 12:52	50		Rtx-624 0.25(mm)
ZZZZZ		08/15/2013 13:16	1		Rtx-624 0.25(mm)
ZZZZZ		08/15/2013 13:39	1		Rtx-624 0.25(mm)
ZZZZZ		08/15/2013 14:04	50		Rtx-624 0.25(mm)
ZZZZZ		08/15/2013 14:27	10		Rtx-624 0.25(mm)
ZZZZZ		08/15/2013 14:50	50		Rtx-624 0.25(mm)
ZZZZZ		08/15/2013 15:13	50		Rtx-624 0.25(mm)
ZZZZZ		08/15/2013 15:37	50		Rtx-624 0.25(mm)
ZZZZZ		08/15/2013 16:00	50		Rtx-624 0.25(mm)
ZZZZZ		08/15/2013 16:23	100		Rtx-624 0.25(mm)
ZZZZZ		08/15/2013 17:31	100		Rtx-624 0.25(mm)
ZZZZZ		08/15/2013 17:54	100		Rtx-624 0.25(mm)
ZZZZZ		08/15/2013 18:40	50		Rtx-624 0.25(mm)
ZZZZZ		08/15/2013 19:03	50		Rtx-624 0.25(mm)
ZZZZZ		08/15/2013 19:26	50		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Instrument ID: CVOAMS13 Start Date: 09/18/2013 17:25

Analysis Batch Number: 182051 End Date: 09/19/2013 05:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-182051/1		09/18/2013 17:25	1	P75165.D	Rtx-624 0.25(mm)
CCVIS 460-182051/2		09/18/2013 17:58	1	P75166.D	Rtx-624 0.25(mm)
LCS 460-182051/4		09/18/2013 19:18	1	P75168.D	Rtx-624 0.25(mm)
MB 460-182051/6		09/18/2013 20:15	1	P75170.D	Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 20:52	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 21:15	1		Rtx-624 0.25(mm)
460-62968-40	FB-091213	09/18/2013 21:39	1	P75173.D	Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 22:02	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 22:25	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 22:49	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 23:12	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 23:36	1		Rtx-624 0.25(mm)
460-62990-A-6 MS		09/19/2013 00:01	5	P75179.D	Rtx-624 0.25(mm)
460-62990-A-6 MSD		09/19/2013 00:24	5	P75180.D	Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 01:35	1		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 01:58	1		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 02:22	1		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 02:45	1		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 03:09	1		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 03:32	1		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 03:55	1		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 04:42	10		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 05:06	10		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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.: 460-62968-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 09/18/2013 22:04

Analysis Batch Number: 182063 End Date: 09/19/2013 07:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-182063/1		09/18/2013 22:04	1	B60637.D	Rtx-624 0.25(mm)
CCVIS 460-182063/2		09/18/2013 22:32	1	B60638.D	Rtx-624 0.25(mm)
LCS 460-182063/3		09/18/2013 22:54	50	B60639.D	Rtx-624 0.25(mm)
MB 460-182063/5		09/18/2013 23:40	50	B60641.D	Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 00:03	50		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 00:49	50		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 01:12	50		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 01:35	50		Rtx-624 0.25(mm)
460-62858-D-13-A MS		09/19/2013 01:58	100	B60647.D	Rtx-624 0.25(mm)
460-62858-D-13-A MSD		09/19/2013 02:21	100	B60648.D	Rtx-624 0.25(mm)
460-62968-30	PMP-24SE-SI	09/19/2013 05:02	50	B60655.D	Rtx-624 0.25(mm)
460-62968-12	PMP-18SE-WT	09/19/2013 05:26	50	B60656.D	Rtx-624 0.25(mm)
460-62968-26	PMP-9SE-SI	09/19/2013 05:49	50	B60657.D	Rtx-624 0.25(mm)
460-62968-33	PMP-2SE-SI	09/19/2013 06:12	50	B60658.D	Rtx-624 0.25(mm)
460-62968-27	PMP-24SE-VS	09/19/2013 06:35	50	B60659.D	Rtx-624 0.25(mm)
460-62968-29	PMP-24SE-WT	09/19/2013 06:58	50	B60660.D	Rtx-624 0.25(mm)
460-62968-9	PMP-26SE-WT	09/19/2013 07:21	50	B60661.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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)
460-62968-28	PMP-24SE-VD	09/19/2013 14:50	200	B60675.D	Rtx-624 0.25(mm)
460-62968-6 MS	PMP-19SE-WT MS	09/19/2013 15:13	100	B60676.D	Rtx-624 0.25(mm)
460-62968-6 MSD	PMP-19SE-WT 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)
460-62968-6	PMP-19SE-WT	09/19/2013 17:44	50	B60682.D	Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 18:07	50		Rtx-624 0.25(mm)
460-62968-18	PMP-16SE-WT	09/19/2013 18:29	50	B60684.D	Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 19:14	50		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 19:36	50		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 19:58	50		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 20:45	50		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 21:07	50		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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)
ZZZZZ		09/20/2013 02:15	50		Rtx-624 0.25(mm)
ZZZZZ		09/20/2013 02:38	50		Rtx-624 0.25(mm)
ZZZZZ		09/20/2013 03:01	50		Rtx-624 0.25(mm)
460-62968-32	PMP-2SE-WT	09/20/2013 03:24	50	B60708.D	Rtx-624 0.25(mm)
460-62968-19	PMP-16SE-SI	09/20/2013 03:47	50	B60709.D	Rtx-624 0.25(mm)
ZZZZZ		09/20/2013 04:10	50		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.: 460-62968-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 09/05/2013 03:27

Analysis Batch Number: 179700 End Date: 09/05/2013 12:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-179700/1		09/05/2013 03:27	1	D362529.D	Rtx-624 0.25(mm)
ICIS 460-179700/2		09/05/2013 03:49	1	D362530.D	Rtx-624 0.25(mm)
STD2 460-179700/3 IC		09/05/2013 04:29	1	D362531.D	Rtx-624 0.25(mm)
STD1 460-179700/5 IC		09/05/2013 05:17	1	D362533.D	Rtx-624 0.25(mm)
STD4 460-179700/6 IC		09/05/2013 05:43	1	D362534.D	Rtx-624 0.25(mm)
STD5 460-179700/7 IC		09/05/2013 06:08	1	D362535.D	Rtx-624 0.25(mm)
STD6 460-179700/8 IC		09/05/2013 06:32	1	D362536.D	Rtx-624 0.25(mm)
ZZZZZ		09/05/2013 08:10	1		Rtx-624 0.25(mm)
ZZZZZ		09/05/2013 08:35	1		Rtx-624 0.25(mm)
ZZZZZ		09/05/2013 08:35	1		Rtx-624 0.25(mm)
ZZZZZ		09/05/2013 09:24	1		Rtx-624 0.25(mm)
ZZZZZ		09/05/2013 09:49	1		Rtx-624 0.25(mm)
ZZZZZ		09/05/2013 11:03	1		Rtx-624 0.25(mm)
ZZZZZ		09/05/2013 12:19	1		Rtx-624 0.25(mm)
ZZZZZ		09/05/2013 12:43	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 09/18/2013 01:24

Analysis Batch Number: 181887 End Date: 09/18/2013 12:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-181887/1		09/18/2013 01:24	1	D363058.D	Rtx-624 0.25(mm)
CCVIS 460-181887/2		09/18/2013 01:48	1	D363059.D	Rtx-624 0.25(mm)
LCS 460-181887/3		09/18/2013 02:12	1	D363060.D	Rtx-624 0.25(mm)
LCSD 460-181887/4		09/18/2013 02:35	1	D363061.D	Rtx-624 0.25(mm)
MB 460-181887/6		09/18/2013 03:37	1	D363063.D	Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 04:01	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 04:25	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 04:52	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 05:16	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 05:39	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 06:04	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 06:28	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 06:52	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 07:16	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 07:39	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 08:03	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 08:27	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 08:52	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 10:04	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 10:28	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 10:52	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 11:16	1		Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 11:41	1		Rtx-624 0.25(mm)
460-62968-2	PMP-27SE-WT	09/18/2013 12:04	1	D363084.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 09/18/2013 12:50

Analysis Batch Number: 182028 End Date: 09/19/2013 00:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-182028/1		09/18/2013 12:50	1	D363086.D	Rtx-624 0.25(mm)
CCVIS 460-182028/2		09/18/2013 13:12	1	D363087.D	Rtx-624 0.25(mm)
LCS 460-182028/5		09/18/2013 14:53	1	D363090.D	Rtx-624 0.25(mm)
LCSD 460-182028/6		09/18/2013 15:33	1	D363091.D	Rtx-624 0.25(mm)
MB 460-182028/8		09/18/2013 16:50	1	D363093.D	Rtx-624 0.25(mm)
460-62968-4	PMP-27SE-SD	09/18/2013 18:02	1	D363095.D	Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 18:26	1		Rtx-624 0.25(mm)
460-62968-1	PMP-27SE-VD	09/18/2013 19:14	1	D363098.D	Rtx-624 0.25(mm)
460-62968-10	PMP-26SE-SI	09/18/2013 19:39	1	D363099.D	Rtx-624 0.25(mm)
460-62968-11	PMP-18SE-VD	09/18/2013 20:03	1	D363100.D	Rtx-624 0.25(mm)
460-62968-13	PMP-18SE-SI	09/18/2013 20:27	1	D363101.D	Rtx-624 0.25(mm)
ZZZZZ		09/18/2013 21:15	1		Rtx-624 0.25(mm)
460-62968-22	PMP-28SE-SI	09/18/2013 21:39	1	D363104.D	Rtx-624 0.25(mm)
460-62968-25	PMP-9SE-WT	09/18/2013 22:28	1	D363106.D	Rtx-624 0.25(mm)
460-62968-8	PMP-26SE-VD	09/18/2013 23:15	1	D363108.D	Rtx-624 0.25(mm)
460-62968-21	PMP-28SE-WT	09/19/2013 00:03	1	D363110.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 09/19/2013 03:02

Analysis Batch Number: 182082 End Date: 09/19/2013 12:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-182082/1		09/19/2013 03:02	1	D363113.D	Rtx-624 0.25(mm)
CCVIS 460-182082/2		09/19/2013 03:22	1	D363114.D	Rtx-624 0.25(mm)
LCS 460-182082/4		09/19/2013 05:03	1	D363116.D	Rtx-624 0.25(mm)
LCSD 460-182082/5		09/19/2013 05:27	1	D363117.D	Rtx-624 0.25(mm)
MB 460-182082/7		09/19/2013 06:25	1	D363119.D	Rtx-624 0.25(mm)
460-62968-41	Trip Blank	09/19/2013 06:49	1	D363120.D	Rtx-624 0.25(mm)
460-62968-37	PMP-23SE-VS	09/19/2013 07:13	1	D363121.D	Rtx-624 0.25(mm)
460-62968-39	PMP-23SE-WT	09/19/2013 08:01	1	D363123.D	Rtx-624 0.25(mm)
460-62968-20	PMP-28SE-VD	09/19/2013 08:40	1	D363125.D	Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 09:53	1		Rtx-624 0.25(mm)
460-62968-36	PMP-22SE-WT	09/19/2013 11:05	1	D363131.D	Rtx-624 0.25(mm)
460-62968-24	PMP-9SE-VD	09/19/2013 11:29	1	D363132.D	Rtx-624 0.25(mm)
460-62968-14	PMP-17SE-VD	09/19/2013 11:53	1	D363133.D	Rtx-624 0.25(mm)
460-62968-5	PMP-19SE-VD	09/19/2013 12:17	1	D363134.D	Rtx-624 0.25(mm)
460-62968-23	PMP-28SE-SD	09/19/2013 12:41	1	D363135.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 09/19/2013 12:59

Analysis Batch Number: 182221 End Date: 09/19/2013 23:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-182221/1		09/19/2013 12:59	1	D363136.D	Rtx-624 0.25(mm)
CCVIS 460-182221/2		09/19/2013 13:21	1	D363137.D	Rtx-624 0.25(mm)
LCS 460-182221/3		09/19/2013 13:45	1	D363138.D	Rtx-624 0.25(mm)
LCSD 460-182221/4		09/19/2013 14:09	1	D363139.D	Rtx-624 0.25(mm)
MB 460-182221/5		09/19/2013 14:46	1	D363140.D	Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 15:10	1		Rtx-624 0.25(mm)
460-62968-7	PMP-19SE-SI	09/19/2013 15:34	1	D363142.D	Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 15:58	1		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 17:10	1		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 17:34	1		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 17:59	1		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 18:22	1		Rtx-624 0.25(mm)
460-62968-3	PMP-27SE-SI	09/19/2013 18:46	1	D363150.D	Rtx-624 0.25(mm)
460-62968-16	PMP-17SE-SI	09/19/2013 19:10	1	D363151.D	Rtx-624 0.25(mm)
460-62968-17	PMP-16SE-VD	09/19/2013 19:34	1	D363152.D	Rtx-624 0.25(mm)
460-62968-35	PMP-22SE-VD	09/19/2013 19:58	1	D363153.D	Rtx-624 0.25(mm)
460-62968-38	PMP-23SE-VD	09/19/2013 20:22	1	D363154.D	Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 20:46	1		Rtx-624 0.25(mm)
460-62968-15	PMP-17SE-WT	09/19/2013 21:10	1	D363156.D	Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 22:22	1		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 22:46	1		Rtx-624 0.25(mm)
ZZZZZ		09/19/2013 23:10	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 09/21/2013 02:44

Analysis Batch Number: 182467 End Date: 09/21/2013 13:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-182467/1		09/21/2013 02:44	1	D363216.D	Rtx-624 0.25(mm)
CCVIS 460-182467/2		09/21/2013 03:04	1	D363217.D	Rtx-624 0.25(mm)
LCS 460-182467/4		09/21/2013 04:20	1	D363219.D	Rtx-624 0.25(mm)
LCSD 460-182467/5		09/21/2013 04:44	1	D363220.D	Rtx-624 0.25(mm)
MB 460-182467/8		09/21/2013 06:08	1	D363223.D	Rtx-624 0.25(mm)
ZZZZZ		09/21/2013 06:32	1		Rtx-624 0.25(mm)
ZZZZZ		09/21/2013 06:56	1		Rtx-624 0.25(mm)
ZZZZZ		09/21/2013 08:08	1		Rtx-624 0.25(mm)
ZZZZZ		09/21/2013 08:31	1		Rtx-624 0.25(mm)
460-62968-31	PMP-2SE-VD	09/21/2013 08:55	1	D363230.D	Rtx-624 0.25(mm)
460-62968-34	PMP-22SE-VS	09/21/2013 09:43	1	D363232.D	Rtx-624 0.25(mm)
ZZZZZ		09/21/2013 10:31	1		Rtx-624 0.25(mm)
ZZZZZ		09/21/2013 10:55	1		Rtx-624 0.25(mm)
ZZZZZ		09/21/2013 11:19	1		Rtx-624 0.25(mm)
ZZZZZ		09/21/2013 11:43	1		Rtx-624 0.25(mm)
ZZZZZ		09/21/2013 12:07	1		Rtx-624 0.25(mm)
ZZZZZ		09/21/2013 12:31	1		Rtx-624 0.25(mm)
ZZZZZ		09/21/2013 12:55	1		Rtx-624 0.25(mm)
ZZZZZ		09/21/2013 13:19	1		Rtx-624 0.25(mm)
ZZZZZ		09/21/2013 13:42	1		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Batch Number: 181329 Batch Start Date: 09/14/13 11:27 Batch Analyst: Sarmiento, Daniel

Batch Method: 5035 Batch End Date: 09/14/13 12:07

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	VMC8PrepSU 00006	
460-62968-A-6	PMP-19SE-WT	5035, 8260B	T	+032.053 g	37.95 g	5.897 g	10 mL	10 mL	
460-62968-A-9	PMP-26SE-WT	5035, 8260B	T	+031.912 g	38.23 g	6.318 g	10 mL	10 mL	
460-62968-A-12	PMP-18SE-WT	5035, 8260B	T	+032.065 g	35.04 g	2.975 g	10 mL	10 mL	
460-62968-A-18	PMP-16SE-WT	5035, 8260B	T	+031.798 g	37.48 g	5.682 g	10 mL	10 mL	
460-62968-A-19	PMP-16SE-SI	5035, 8260B	T	+031.940 g	38.02 g	6.08 g	10 mL	10 mL	
460-62968-A-26	PMP-9SE-SI	5035, 8260B	T	+031.640 g	37.79 g	6.15 g	10 mL	10 mL	
460-62968-A-27	PMP-24SE-VS	5035, 8260B	T	+031.957 g	37.31 g	5.353 g	10 mL	10 mL	
460-62968-A-28	PMP-24SE-VD	5035, 8260B	T	+032.119 g	37.48 g	5.361 g	10 mL	10 mL	
460-62968-A-29	PMP-24SE-WT	5035, 8260B	T	+031.915 g	37.75 g	5.835 g	10 mL	10 mL	
460-62968-A-30	PMP-24SE-SI	5035, 8260B	T	+032.002 g	38.05 g	6.048 g	10 mL	10 mL	
460-62968-A-32	PMP-2SE-WT	5035, 8260B	T	+031.805 g	38.33 g	6.525 g	10 mL	10 mL	
460-62968-A-33	PMP-2SE-SI	5035, 8260B	T	+032.039 g	38.02 g	5.981 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.: 460-62968-1

SDG No.:

Batch Number: 181338 Batch Start Date: 09/14/13 12:27 Batch Analyst: Sarmiento, Daniel

Batch Method: 5035 Batch End Date: 09/14/13 14:03

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	AnalysisComment	
460-62968-B-1	PMP-27SE-VD	5035, 8260B	T	+030.681 g	36.89 g	6.209 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-B-2	PMP-27SE-WT	5035, 8260B	T	+030.596 g	36.77 g	6.174 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-C-3	PMP-27SE-SI	5035, 8260B	T	+030.815 g	36.43 g	5.615 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-B-4	PMP-27SE-SD	5035, 8260B	T	+030.598 g	36.48 g	5.882 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-C-5	PMP-19SE-VD	5035, 8260B	T	+030.512 g	37.00 g	6.488 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-C-7	PMP-19SE-SI	5035, 8260B	T	+030.340 g	35.38 g	5.04 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-B-8	PMP-26SE-VD	5035, 8260B	T	+030.668 g	36.59 g	5.922 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-B-10	PMP-26SE-SI	5035, 8260B	T	+030.529 g	36.63 g	6.101 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-B-11	PMP-18SE-VD	5035, 8260B	T	+030.630 g	37.16 g	6.53 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-B-13	PMP-18SE-SI	5035, 8260B	T	+030.625 g	36.90 g	6.275 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-C-14	PMP-17SE-VD	5035, 8260B	T	+030.679 g	36.83 g	6.151 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-C-15	PMP-17SE-WT	5035, 8260B	T	+030.412 g	35.95 g	5.538 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-B-16	PMP-17SE-SI	5035, 8260B	T	+030.582 g	36.68 g	6.098 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-B-17	PMP-16SE-VD	5035, 8260B	T	+030.437 g	36.69 g	6.253 g	5 mL	frozen on 09/13/13 at 20:05	

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.: 460-62968-1

SDG No.:

Batch Number: 181338 Batch Start Date: 09/14/13 12:27 Batch Analyst: Sarmiento, Daniel

Batch Method: 5035 Batch End Date: 09/14/13 14:03

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	AnalysisComment	
460-62968-B-20	PMP-28SE-VD	5035, 8260B	T	+030.758 g	36.49 g	5.732 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-B-21	PMP-28SE-WT	5035, 8260B	T	+030.164 g	35.69 g	5.526 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-B-22	PMP-28SE-SI	5035, 8260B	T	+030.310 g	34.81 g	4.5 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-C-23	PMP-28SE-SD	5035, 8260B	T	+030.372 g	35.76 g	5.388 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-C-24	PMP-9SE-VD	5035, 8260B	T	+030.541 g	36.71 g	6.169 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-B-25	PMP-9SE-WT	5035, 8260B	T	+030.585 g	36.79 g	6.205 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-B-31	PMP-2SE-VD	5035, 8260B	T	+030.657 g	37.33 g	6.673 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-B-34	PMP-22SE-VS	5035, 8260B	T	+030.777 g	36.18 g	5.403 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-B-35	PMP-22SE-VD	5035, 8260B	T	+030.140 g	35.96 g	5.82 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-C-36	PMP-22SE-WT	5035, 8260B	T	+030.518 g	37.28 g	6.762 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-B-37	PMP-23SE-VS	5035, 8260B	T	+030.587 g	35.05 g	4.463 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-C-38	PMP-23SE-VD	5035, 8260B	T	+030.860 g	36.33 g	5.47 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-B-39	PMP-23SE-WT	5035, 8260B	T	+030.390 g	36.12 g	5.73 g	5 mL	frozen on 09/13/13 at 20:05	
460-62968-B-41	Trip Blank	5035, 8260B	T			5 g	5 mL	frozen on 09/13/13 at 20:05	

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.: 460-62968-1

SDG No.:

Batch Number: 181338 Batch Start Date: 09/14/13 12:27 Batch Analyst: Sarmiento, Daniel

Batch Method: 5035 Batch End Date: 09/14/13 14:03

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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtxi-5Sil MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
PMP-27SE-VD	460-62968-1	92	91	86	84	104	79
PMP-27SE-WT	460-62968-2	96	97	77	74	110	84
PMP-27SE-SI	460-62968-3	95	90	70	67	89	74
PMP-27SE-SD	460-62968-4	82	81	89	79	68	68
PMP-19SE-VD	460-62968-5	97	101	71	69	97	82
PMP-19SE-WT	460-62968-6	84	89	71	50	55	86
PMP-19SE-SI	460-62968-7	89	98	63	62	98	80
PMP-26SE-VD	460-62968-8	96	102	69	69	94	82
PMP-26SE-WT	460-62968-9	85	80	73	88	76	65
PMP-26SE-SI	460-62968-10	97	98	68	65	111	69
PMP-18SE-VD	460-62968-11	74	88	55	58	76	83
PMP-18SE-WT	460-62968-12	77	82	64	64	80	88
PMP-18SE-SI	460-62968-13	82	91	62	64	95	82
PMP-17SE-VD	460-62968-14	76	79	81	78	77	94
PMP-17SE-WT	460-62968-15	76	76	81	85	76	72
PMP-17SE-SI	460-62968-16	76	79	80	80	80	93
PMP-16SE-VD	460-62968-17	74	78	78	76	73	93
PMP-16SE-WT	460-62968-18	79	83	84	90	84	80
PMP-16SE-SI	460-62968-19	75	79	80	78	82	94
PMP-28SE-VD	460-62968-20	78	82	85	84	79	86
PMP-28SE-WT	460-62968-21	80	84	88	90	77	73
PMP-28SE-SI	460-62968-22	76	79	82	81	88	90
PMP-28SE-SD	460-62968-23	75	76	80	78	81	94
PMP-9SE-VD	460-62968-24	78	81	82	80	86	99
PMP-9SE-WT	460-62968-25	74	75	78	76	74	94
PMP-9SE-SI	460-62968-26	71	76	57	35 X	45	72
PMP-24SE-VS	460-62968-27	69	69	69	80	65	78
PMP-24SE-VD	460-62968-28	72	76	68	86	64	69
PMP-24SE-WT DL	460-62968-29 DL	0 D	0 D	0 D	0 D	0 D	0 D
PMP-24SE-SI	460-62968-30	97	106	79	83	84	99
PMP-2SE-VD	460-62968-31	56	69	46	73	54	81
PMP-2SE-WT	460-62968-32	0 D	0 D	0 D	0 D	0 D	0 D
PMP-2SE-SI	460-62968-33	74	75	65	75	69	84
PMP-22SE-VS	460-62968-34	66	71	64	67	70	81
PMP-22SE-VD	460-62968-35	72	74	77	74	88	86

	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.: 460-62968-1

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-22SE-WT	460-62968-36	50	62	43	46	81	90
PMP-23SE-VS	460-62968-37	74	76	56	69	75	89
PMP-23SE-VD	460-62968-38	58	67	52	55	73	82
PMP-23SE-WT	460-62968-39	49	59	41	45	75	85
	MB 460-181416/1-A	78	80	84	80	73	96
	MB 460-181497/1-A	103	108	82	75	102	80
	MB 460-181498/1-A	77	82	80	80	56	100
	LCS 460-181416/2-A	70	75	76	75	73	82
	LCS 460-181497/2-A	75	78	66	66	79	63
	LCS 460-181498/2-A	63	66	65	66	65	67
PMP-27SE-VD MS	460-62968-1 MS	79	75	72	82	73	65
PMP-22SE-VD MS	460-62968-35 MS	71	75	74	75	81	77
	460-63019-A-6-C MS	81	87	88	92	82	97
PMP-27SE-VD MSD	460-62968-1 MSD	86	85	70	81	73	72
PMP-22SE-VD MSD	460-62968-35 MSD	71	75	73	74	77	78
	460-63019-A-6-D MSD	80	85	88	90	78	92

	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.: 460-62968-1

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-091213	460-62968-40	52	35	85	85	111	110
	MB 460-181657/1-A	85	82	101	82	98	101
	LCS 460-181657/2-A	69	81	73	81	112	73
	LCSD 460-181657/3-A	49	33	76	87	131 X	90

	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z3105.d

Lab ID: LCS 460-181416/2-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	2670	80	56-110	
2-Methylphenol	3330	2750	82	54-117	
4-Methylphenol	3330	2860	86	47-103	
Benzaldehyde	3330	1070	32	10-160	
Acetophenone	3330	2480	75	40-95	
Bis(2-chloroethyl)ether	3330	2820	85	44-101	
2,2'-oxybis[1-chloropropane]	3330	2530	76	45-102	
N-Nitrosodi-n-propylamine	3330	2980	89	42-107	
Nitrobenzene	3330	1830	55	42-106	
Hexachloroethane	3330	2550	77	45-90	
Isophorone	3330	2820	84	48-97	
2-Nitrophenol	3330	2630	79	55-101	
2,4-Dimethylphenol	3330	2600	78	56-112	
2,4-Dichlorophenol	3330	2660	80	58-115	
Bis(2-chloroethoxy)methane	3330	2780	84	51-100	
Naphthalene	3330	2560	77	53-94	
4-Chloroaniline	3330	1770	53	10-96	
Hexachlorobutadiene	3330	2580	77	45-98	
Caprolactam	3330	1270	38	10-127	
4-Chloro-3-methylphenol	3330	2800	84	55-117	
2-Methylnaphthalene	3330	2850	85	51-98	
Hexachlorobenzene	3330	2780	83	43-104	
Hexachlorocyclopentadiene	3330	2800	84	24-98	
2,4,6-Trichlorophenol	3330	2470	74	53-118	
2,4,5-Trichlorophenol	3330	2550	76	50-115	
Diphenyl	3330	2620	79	50-105	
2-Chloronaphthalene	3330	2570	77	51-102	
2-Nitroaniline	3330	2590	78	51-109	
2,6-Dinitrotoluene	3330	2700	81	51-115	
Dimethyl phthalate	3330	2620	79	52-112	
Acenaphthylene	3330	2600	78	51-103	
3-Nitroaniline	3330	2130	64	32-104	
Acenaphthene	3330	2670	80	46-100	
4-Nitrophenol	6670	4140	62	45-114	
2,4-Dinitrophenol	6670	764 J	11	10-129	
Dibenzofuran	3330	2590	78	52-106	
Diethyl phthalate	3330	2530	76	52-114	
Fluorene	3330	2580	78	51-108	
Fluoranthene	3330	2440	73	49-108	
Di-n-butyl phthalate	3330	2470	74	50-108	
2,4-Dinitrotoluene	3330	2550	76	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z3105.d

Lab ID: LCS 460-181416/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2630	79	50-106	
4-Nitroaniline	3330	1930	58	45-106	
4,6-Dinitro-2-methylphenol	6670	1730	26	10-110	
4-Bromophenyl phenyl ether	3330	2890	87	44-102	
Atrazine	3330	2670	80	30-100	
Anthracene	3330	2650	79	50-107	
Carbazole	3330	2680	81	49-104	
Phenanthrene	3330	2710	81	48-108	
Pentachlorophenol	6670	3370	51	19-113	
Pyrene	3330	2930	88	49-116	
Chrysene	3330	2810	84	45-114	
Benzo[k]fluoranthene	3330	2980	89	35-115	
Benzo[g,h,i]perylene	3330	3400	102	43-106	
Benzo[b]fluoranthene	3330	2940	88	33-96	
Benzo[a]pyrene	3330	2960	89	36-89	
Benzo[a]anthracene	3330	2670	80	46-112	
N-Nitrosodiphenylamine	3330	2930	88	49-106	
Butyl benzyl phthalate	3330	2630	79	49-117	
Bis(2-ethylhexyl) phthalate	3330	2470	74	49-119	
Di-n-octyl phthalate	3330	2320	70	40-106	
Indeno[1,2,3-cd]pyrene	3330	3090	93	43-109	
Dibenz(a,h)anthracene	3330	3370	101	43-107	
3,3'-Dichlorobenzidine	3330	2340	70	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2580	77	70-130	
2,3,4,6-Tetrachlorophenol	3330	2420	72	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: U90992.D

Lab ID: LCS 460-181497/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	3330	3110	93	54-115	
2-Chlorophenol	3330	3040	91	56-110	
2-Methylphenol	3330	3330	100	54-117	
4-Methylphenol	3330	3250	98	47-103	
Benzaldehyde	3330	577	17	10-160	
Acetophenone	3330	2250	67	40-95	
Bis(2-chloroethyl)ether	3330	2440	73	44-101	
2,2'-oxybis[1-chloropropane]	3330	2710	81	45-102	
N-Nitrosodi-n-propylamine	3330	2860	86	42-107	
Nitrobenzene	3330	1950	58	42-106	
Hexachloroethane	3330	2310	69	45-90	
Isophorone	3330	2810	84	48-97	
2-Nitrophenol	3330	2670	80	55-101	
2,4-Dimethylphenol	3330	2940	88	56-112	
2,4-Dichlorophenol	3330	2940	88	58-115	
Bis(2-chloroethoxy)methane	3330	2770	83	51-100	
Naphthalene	3330	2490	75	53-94	
4-Chloroaniline	3330	1650	50	10-96	
Hexachlorobutadiene	3330	2400	72	45-98	
Caprolactam	3330	1650	49	10-127	
4-Chloro-3-methylphenol	3330	3090	93	55-117	
2-Methylnaphthalene	3330	2790	84	51-98	
Hexachlorobenzene	3330	2530	76	43-104	
Hexachlorocyclopentadiene	3330	2620	79	24-98	
2,4,6-Trichlorophenol	3330	2850	85	53-118	
2,4,5-Trichlorophenol	3330	3020	90	50-115	
Diphenyl	3330	2820	85	50-105	
2-Chloronaphthalene	3330	2670	80	51-102	
2-Nitroaniline	3330	2850	86	51-109	
2,6-Dinitrotoluene	3330	3160	95	51-115	
Dimethyl phthalate	3330	2980	89	52-112	
Acenaphthylene	3330	2840	85	51-103	
3-Nitroaniline	3330	2230	67	32-104	
Acenaphthene	3330	2130	64	46-100	
4-Nitrophenol	6670	6970	105	45-114	
2,4-Dinitrophenol	6670	1450	22	10-129	
Dibenzofuran	3330	2860	86	52-106	
Diethyl phthalate	3330	3150	94	52-114	
Fluorene	3330	2880	86	51-108	
Fluoranthene	3330	2950	88	49-108	
Di-n-butyl phthalate	3330	2780	83	50-108	
2,4-Dinitrotoluene	3330	3320	100	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: U90992.D

Lab ID: LCS 460-181497/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2890	87	50-106	
4-Nitroaniline	3330	2600	78	45-106	
4,6-Dinitro-2-methylphenol	6670	2310	35	10-110	
4-Bromophenyl phenyl ether	3330	2680	81	44-102	
Atrazine	3330	2090	63	30-100	
Anthracene	3330	2810	84	50-107	
Carbazole	3330	2780	83	49-104	
Phenanthrene	3330	2840	85	48-108	
Pentachlorophenol	6670	4770	72	19-113	
Pyrene	3330	2490	75	49-116	
Chrysene	3330	2640	79	45-114	
Benzo[k]fluoranthene	3330	2730	82	35-115	
Benzo[g,h,i]perylene	3330	2520	76	43-106	
Benzo[b]fluoranthene	3330	3000	90	33-96	
Benzo[a]pyrene	3330	2970	89	36-89	
Benzo[a]anthracene	3330	2580	77	46-112	
N-Nitrosodiphenylamine	3330	2780	83	49-106	
Butyl benzyl phthalate	3330	2560	77	49-117	
Bis(2-ethylhexyl) phthalate	3330	2600	78	49-119	
Di-n-octyl phthalate	3330	2720	82	40-106	
Indeno[1,2,3-cd]pyrene	3330	2580	77	43-109	
Dibenz(a,h)anthracene	3330	2520	76	43-107	
3,3'-Dichlorobenzidine	3330	1450	44	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2390	72	70-130	
2,3,4,6-Tetrachlorophenol	3330	3110	93	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z3190.d

Lab ID: LCS 460-181498/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	3330	2700	81	54-115	
2-Chlorophenol	3330	2790	84	56-110	
2-Methylphenol	3330	3060	92	54-117	
4-Methylphenol	3330	3050	92	47-103	
Benzaldehyde	3330	995	30	10-160	
Acetophenone	3330	2590	78	40-95	
Bis(2-chloroethyl)ether	3330	2880	86	44-101	
2,2'-oxybis[1-chloropropane]	3330	2610	78	45-102	
N-Nitrosodi-n-propylamine	3330	3020	90	42-107	
Nitrobenzene	3330	1860	56	42-106	
Hexachloroethane	3330	2350	70	45-90	
Isophorone	3330	2960	89	48-97	
2-Nitrophenol	3330	2810	84	55-101	
2,4-Dimethylphenol	3330	2780	83	56-112	
2,4-Dichlorophenol	3330	2850	86	58-115	
Bis(2-chloroethoxy)methane	3330	2950	89	51-100	
Naphthalene	3330	2630	79	53-94	
4-Chloroaniline	3330	1670	50	10-96	
Hexachlorobutadiene	3330	2620	79	45-98	
Caprolactam	3330	2150	64	10-127	
4-Chloro-3-methylphenol	3330	2920	88	55-117	
2-Methylnaphthalene	3330	2900	87	51-98	
Hexachlorobenzene	3330	2890	87	43-104	
Hexachlorocyclopentadiene	3330	2530	76	24-98	
2,4,6-Trichlorophenol	3330	2740	82	53-118	
2,4,5-Trichlorophenol	3330	2740	82	50-115	
Diphenyl	3330	2730	82	50-105	
2-Chloronaphthalene	3330	2700	81	51-102	
2-Nitroaniline	3330	2710	81	51-109	
2,6-Dinitrotoluene	3330	3120	94	51-115	
Dimethyl phthalate	3330	2900	87	52-112	
Acenaphthylene	3330	2730	82	51-103	
3-Nitroaniline	3330	2300	69	32-104	
Acenaphthene	3330	2750	83	46-100	
4-Nitrophenol	6670	4180	63	45-114	
2,4-Dinitrophenol	6670	1250	19	10-129	
Dibenzofuran	3330	2710	81	52-106	
Diethyl phthalate	3330	2790	84	52-114	
Fluorene	3330	2620	79	51-108	
Fluoranthene	3330	2400	72	49-108	
Di-n-butyl phthalate	3330	2800	84	50-108	
2,4-Dinitrotoluene	3330	2860	86	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z3190.d

Lab ID: LCS 460-181498/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2760	83	50-106	
4-Nitroaniline	3330	2210	66	45-106	
4,6-Dinitro-2-methylphenol	6670	2630	40	10-110	
4-Bromophenyl phenyl ether	3330	2970	89	44-102	
Atrazine	3330	2920	88	30-100	
Anthracene	3330	2710	81	50-107	
Carbazole	3330	2760	83	49-104	
Phenanthrene	3330	2740	82	48-108	
Pentachlorophenol	6670	3880	58	19-113	
Pyrene	3330	2740	82	49-116	
Chrysene	3330	2900	87	45-114	
Benzo[k]fluoranthene	3330	2530	76	35-115	
Benzo[g,h,i]perylene	3330	3330	100	43-106	
Benzo[b]fluoranthene	3330	2780	84	33-96	
Benzo[a]pyrene	3330	2900	87	36-89	
Benzo[a]anthracene	3330	2550	77	46-112	
N-Nitrosodiphenylamine	3330	3130	94	49-106	
Butyl benzyl phthalate	3330	2880	86	49-117	
Bis(2-ethylhexyl) phthalate	3330	2760	83	49-119	
Di-n-octyl phthalate	3330	2180	65	40-106	
Indeno[1,2,3-cd]pyrene	3330	3240	97	43-109	
Dibenz(a,h)anthracene	3330	3410	102	43-107	
3,3'-Dichlorobenzidine	3330	2300	69	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2650	79	70-130	
2,3,4,6-Tetrachlorophenol	3330	2630	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.: 460-62968-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M69582.D

Lab ID: LCS 460-181657/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Phenol	80.0	29.7	37	12-44	
2-Chlorophenol	80.0	64.7	81	53-101	
2-Methylphenol	80.0	56.0	70	40-90	
4-Methylphenol	80.0	51.6	64	30-75	
Benzaldehyde	80.0	89.2	112	52-150	
Acetophenone	80.0	59.2	74	68-109	
Bis(2-chloroethyl)ether	80.0	54.6	68	62-108	
2,2'-oxybis[1-chloropropane]	80.0	57.7	72	68-107	
N-Nitrosodi-n-propylamine	80.0	58.5	73	70-109	
Nitrobenzene	80.0	57.2	72	66-106	
Hexachloroethane	80.0	50.3	63	50-99	
Isophorone	80.0	56.3	70	68-108	
2-Nitrophenol	80.0	68.5	86	65-107	
2,4-Dimethylphenol	80.0	70.6	88	55-100	
2,4-Dichlorophenol	80.0	67.8	85	64-107	
Bis(2-chloroethoxy)methane	80.0	63.4	79	69-108	
Naphthalene	80.0	67.7	85	63-101	
4-Chloroaniline	80.0	62.1	78	58-105	
Hexachlorobutadiene	80.0	60.2	75	52-99	
Caprolactam	80.0	27.8	35	10-30	*
4-Chloro-3-methylphenol	80.0	62.6	78	57-106	
2-Methylnaphthalene	80.0	65.8	82	66-102	
Hexachlorobenzene	80.0	88.2	110	65-107	*
Hexachlorocyclopentadiene	80.0	58.8	73	40-105	
2,4,6-Trichlorophenol	80.0	78.4	98	67-111	
2,4,5-Trichlorophenol	80.0	75.9	95	67-114	
Diphenyl	80.0	68.5	86	66-112	
2-Chloronaphthalene	80.0	68.6	86	65-107	
2-Nitroaniline	80.0	48.1	60	73-116	*
2,6-Dinitrotoluene	80.0	72.7	91	68-114	
Dimethyl phthalate	80.0	70.0	87	69-111	
Acenaphthylene	80.0	68.2	85	67-107	
3-Nitroaniline	80.0	76.7	96	59-108	
Acenaphthene	80.0	67.2	84	66-108	
4-Nitrophenol	80.0	34.3	43	10-44	
2,4-Dinitrophenol	80.0	77.7	97	19-113	
Dibenzofuran	80.0	66.0	82	68-105	
Diethyl phthalate	80.0	66.2	83	66-109	
Fluorene	80.0	71.1	89	68-105	
Fluoranthene	80.0	75.3	94	68-108	
Di-n-butyl phthalate	80.0	67.8	85	68-111	
2,4-Dinitrotoluene	80.0	71.3	89	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.: 460-62968-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M69582.D

Lab ID: LCS 460-181657/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	80.0	69.4	87	68-105	
4-Nitroaniline	80.0	82.1	103	49-119	
4,6-Dinitro-2-methylphenol	80.0	84.3	105	58-115	
4-Bromophenyl phenyl ether	80.0	70.4	88	66-110	
Atrazine	80.0	53.3	67	56-116	
Anthracene	80.0	71.3	89	68-108	
Carbazole	80.0	74.0	93	67-110	
Phenanthrene	80.0	72.0	90	68-110	
Pentachlorophenol	80.0	83.0	104	55-116	
Pyrene	80.0	59.6	74	61-110	
Chrysene	80.0	68.7	86	68-112	
Benzo[k]fluoranthene	80.0	73.9	92	66-114	
Benzo[g,h,i]perylene	80.0	73.1	91	65-134	
Benzo[b]fluoranthene	80.0	74.1	93	65-111	
Benzo[a]pyrene	80.0	72.5	91	58-101	
Benzo[a]anthracene	80.0	70.1	88	65-106	
N-Nitrosodiphenylamine	80.0	74.7	93	71-121	
Butyl benzyl phthalate	80.0	59.7	75	66-115	
Bis(2-ethylhexyl) phthalate	80.0	56.3	70	66-114	
Di-n-octyl phthalate	80.0	63.7	80	51-115	
Indeno[1,2,3-cd]pyrene	80.0	73.6	92	68-121	
Dibenz(a,h)anthracene	80.0	75.9	95	67-124	
3,3'-Dichlorobenzidine	80.0	83.4	104	69-129	
1,2,4,5-Tetrachlorobenzene	80.0	67.1	84	70-130	
2,3,4,6-Tetrachlorophenol	80.0	77.5	97	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M69619.D

Lab ID: LCSD 460-181657/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	80.0	30.8	39	4	30	12-44	
2-Chlorophenol	80.0	71.1	89	9	30	53-101	
2-Methylphenol	80.0	59.0	74	5	30	40-90	
4-Methylphenol	80.0	55.8	70	8	30	30-75	
Benzaldehyde	80.0	94.3	118	5	30	52-150	
Acetophenone	80.0	65.8	82	10	30	68-109	
Bis(2-chloroethyl)ether	80.0	60.5	76	10	30	62-108	
2,2'-oxybis[1-chloropropane]	80.0	64.0	80	10	30	68-107	
N-Nitrosodi-n-propylamine	80.0	65.1	81	11	30	70-109	
Nitrobenzene	80.0	60.9	76	6	30	66-106	
Hexachloroethane	80.0	63.4	79	23	30	50-99	
Isophorone	80.0	67.3	84	18	30	68-108	
2-Nitrophenol	80.0	73.2	92	7	30	65-107	
2,4-Dimethylphenol	80.0	69.8	87	1	30	55-100	
2,4-Dichlorophenol	80.0	75.2	94	10	30	64-107	
Bis(2-chloroethoxy)methane	80.0	70.4	88	10	30	69-108	
Naphthalene	80.0	73.6	92	8	30	63-101	
4-Chloroaniline	80.0	75.8	95	20	30	58-105	
Hexachlorobutadiene	80.0	74.2	93	21	30	52-99	
Caprolactam	80.0	23.6	30	16	30	10-30	
4-Chloro-3-methylphenol	80.0	72.8	91	15	30	57-106	
2-Methylnaphthalene	80.0	74.1	93	12	30	66-102	
Hexachlorobenzene	80.0	98.8	124	11	30	65-107	*
Hexachlorocyclopentadiene	80.0	70.2	88	18	30	40-105	
2,4,6-Trichlorophenol	80.0	83.0	104	6	30	67-111	
2,4,5-Trichlorophenol	80.0	86.1	108	13	30	67-114	
Diphenyl	80.0	72.8	91	6	30	66-112	
2-Chloronaphthalene	80.0	76.4	95	11	30	65-107	
2-Nitroaniline	80.0	57.6	72	18	30	73-116	*
2,6-Dinitrotoluene	80.0	82.6	103	13	30	68-114	
Dimethyl phthalate	80.0	79.4	99	13	30	69-111	
Acenaphthylene	80.0	75.3	94	10	30	67-107	
3-Nitroaniline	80.0	90.0	112	16	30	59-108	*
Acenaphthene	80.0	74.8	93	11	30	66-108	
4-Nitrophenol	80.0	31.6	40	8	30	10-44	
2,4-Dinitrophenol	80.0	86.9	109	11	30	19-113	
Dibenzofuran	80.0	76.4	95	15	30	68-105	
Diethyl phthalate	80.0	76.6	96	15	30	66-109	
Fluorene	80.0	77.1	96	8	30	68-105	
Fluoranthene	80.0	82.6	103	9	30	68-108	
Di-n-butyl phthalate	80.0	74.5	93	9	30	68-111	
2,4-Dinitrotoluene	80.0	83.9	105	16	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.: 460-62968-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M69619.D

Lab ID: LCSD 460-181657/3-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	83.1	104	18	30	68-105	
4-Nitroaniline	80.0	88.6	111	8	30	49-119	
4,6-Dinitro-2-methylphenol	80.0	102	128	19	30	58-115	*
4-Bromophenyl phenyl ether	80.0	86.7	108	21	30	66-110	
Atrazine	80.0	64.4	80	19	30	56-116	
Anthracene	80.0	82.9	104	15	30	68-108	
Carbazole	80.0	78.5	98	6	30	67-110	
Phenanthrene	80.0	80.6	101	11	30	68-110	
Pentachlorophenol	80.0	97.3	122	16	30	55-116	*
Pyrene	80.0	70.6	88	17	30	61-110	
Chrysene	80.0	72.0	90	5	30	68-112	
Benzo[k]fluoranthene	80.0	82.0	103	10	30	66-114	
Benzo[g,h,i]perylene	80.0	73.1	91	0	30	65-134	
Benzo[b]fluoranthene	80.0	84.5	106	13	30	65-111	
Benzo[a]pyrene	80.0	82.9	104	13	30	58-101	*
Benzo[a]anthracene	80.0	77.0	96	9	30	65-106	
N-Nitrosodiphenylamine	80.0	81.9	102	9	30	71-121	
Butyl benzyl phthalate	80.0	65.2	81	9	30	66-115	
Bis(2-ethylhexyl) phthalate	80.0	65.7	82	15	30	66-114	
Di-n-octyl phthalate	80.0	66.9	84	5	30	51-115	
Indeno[1,2,3-cd]pyrene	80.0	81.3	102	10	30	68-121	
Dibenz(a,h)anthracene	80.0	75.8	95	0	30	67-124	
3,3'-Dichlorobenzidine	80.0	86.0	107	3	30	69-129	
1,2,4,5-Tetrachlorobenzene	80.0	73.5	92	9	30	70-130	
2,3,4,6-Tetrachlorophenol	80.0	88.2	110	13	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: U91023.D

Lab ID: 460-62968-1 MS Client ID: PMP-27SE-VD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	3460	46 U	3010	87	54-115	
2-Chlorophenol	3460	45 U	3120	90	56-110	
2-Methylphenol	3460	58 U	3110	90	54-117	
4-Methylphenol	3460	67 U	3080	89	47-103	
Benzaldehyde	3460	40 U	1050	31	10-160	
Acetophenone	3460	53 U	2230	65	40-95	
Bis(2-chloroethyl)ether	3460	4.7 U	2590	75	44-101	
2,2'-oxybis[1-chloropropane]	3460	38 U	2860	83	45-102	
N-Nitrosodi-n-propylamine	3460	5.7 U	2860	83	42-107	
Nitrobenzene	3460	4.9 U	2240	65	42-106	
Hexachloroethane	3460	3.8 U	2430	70	45-90	
Isophorone	3460	42 U	3190	92	48-97	
2-Nitrophenol	3460	38 U	3150	91	55-101	
2,4-Dimethylphenol	3460	85 U	3180	92	56-112	
2,4-Dichlorophenol	3460	50 U	3330	96	58-115	
Bis(2-chloroethoxy)methane	3460	44 U	3220	93	51-100	
Naphthalene	3460	40 U	3090	89	53-94	
4-Chloroaniline	3460	91 U	1790	52	10-96	
Hexachlorobutadiene	3460	8.4 U	2870	83	45-98	
Caprolactam	3460	79 U	1520	44	10-127	
4-Chloro-3-methylphenol	3460	52 U	3050	88	55-117	
2-Methylnaphthalene	3460	44 U	3010	87	51-98	
Hexachlorobenzene	3460	4.7 U	3150	91	43-104	
Hexachlorocyclopentadiene	3460	40 U	3180	92	24-98	
2,4,6-Trichlorophenol	3460	40 U	3320	96	53-118	
2,4,5-Trichlorophenol	3460	44 U	3360	97	50-115	
Diphenyl	3460	46 U	3800	110	50-105	F
2-Chloronaphthalene	3460	38 U	3450	100	51-102	
2-Nitroaniline	3460	140 U	3440	100	51-109	
2,6-Dinitrotoluene	3460	10 U	3610	105	51-115	
Dimethyl phthalate	3460	41 U	3460	100	52-112	
Acenaphthylene	3460	41 U	3330	96	51-103	
3-Nitroaniline	3460	120 U	2510	73	32-104	
Acenaphthene	3460	50 U	2590	75	46-100	
4-Nitrophenol	6910	220 U	7100	103	45-114	
2,4-Dinitrophenol	6910	190 U	1140	16	10-129	
Dibenzofuran	3460	40 U	3400	98	52-106	
Diethyl phthalate	3460	41 U	3290	95	52-114	
Fluorene	3460	44 U	3070	89	51-108	
Fluoranthene	3460	46 U	2990	86	49-108	
Di-n-butyl phthalate	3460	42 U	3340	97	50-108	
2,4-Dinitrotoluene	3460	11 U	3340	97	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: U91023.D

Lab ID: 460-62968-1 MS Client ID: PMP-27SE-VD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3460	40 U	3230	93	50-106	
4-Nitroaniline	3460	110 U	2620	76	45-106	
4,6-Dinitro-2-methylphenol	6910	93 U	2630	38	10-110	
4-Bromophenyl phenyl ether	3460	34 U	3350	97	44-102	
Atrazine	3460	53 U	2820	82	30-100	
Anthracene	3460	42 U	3300	95	50-107	
Carbazole	3460	41 U	3340	97	49-104	
Phenanthrene	3460	44 U	3330	96	48-108	
Pentachlorophenol	6910	100 U	5210	75	19-113	
Pyrene	3460	29 U	2650	77	49-116	
Chrysene	3460	40 U	3180	92	45-114	
Benzo[k]fluoranthene	3460	2.6 U	3310	96	35-115	
Benzo[g,h,i]perylene	3460	25 U	4100	119	43-106	F
Benzo[b]fluoranthene	3460	2.2 U	3170	92	33-96	
Benzo[a]pyrene	3460	2.4 U	3560	103	36-89	F
Benzo[a]anthracene	3460	2.4 U	3190	92	46-112	
N-Nitrosodiphenylamine	3460	34 U	3900	113	49-106	F
Butyl benzyl phthalate	3460	31 U	3080	89	49-117	
Bis(2-ethylhexyl) phthalate	3460	110 U	3130	91	49-119	
Di-n-octyl phthalate	3460	22 U	2720	79	40-106	
Indeno[1,2,3-cd]pyrene	3460	6.4 U	4520	131	43-109	F
Dibenz(a,h)anthracene	3460	4.3 U	3840	111	43-107	F
3,3'-Dichlorobenzidine	3460	120 U	2170	63	24-105	
1,2,4,5-Tetrachlorobenzene	3460	46 U	3300	96	70-130	
2,3,4,6-Tetrachlorophenol	3460	45 U	2960	86	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z2345.d

Lab ID: 460-62968-35 MS Client ID: PMP-22SE-VD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	3450	46 U	3170	92	54-115	
2-Chlorophenol	3450	45 U	3150	91	56-110	
2-Methylphenol	3450	58 U	3200	93	54-117	
4-Methylphenol	3450	67 U	3030	88	47-103	
Benzaldehyde	3450	40 U	1220	35	10-160	
Acetophenone	3450	53 U	2760	80	40-95	
Bis(2-chloroethyl)ether	3450	4.7 U	2970	86	44-101	
2,2'-oxybis[1-chloropropane]	3450	38 U	2990	87	45-102	
N-Nitrosodi-n-propylamine	3450	5.7 U	3370	98	42-107	
Nitrobenzene	3450	4.9 U	2220	64	42-106	
Hexachloroethane	3450	3.8 U	2740	80	45-90	
Isophorone	3450	41 U	3380	98	48-97	F
2-Nitrophenol	3450	38 U	3300	96	55-101	
2,4-Dimethylphenol	3450	84 U	3170	92	56-112	
2,4-Dichlorophenol	3450	50 U	3390	98	58-115	
Bis(2-chloroethoxy)methane	3450	44 U	3350	97	51-100	
Naphthalene	3450	40 U	3180	92	53-94	
4-Chloroaniline	3450	91 U	1890	55	10-96	
Hexachlorobutadiene	3450	8.3 U	3080	89	45-98	
Caprolactam	3450	79 U	4060	118	10-127	
4-Chloro-3-methylphenol	3450	52 U	3490	101	55-117	
2-Methylnaphthalene	3450	44 U	3460	100	51-98	F
Hexachlorobenzene	3450	4.7 U	3260	95	43-104	
Hexachlorocyclopentadiene	3450	40 U	2880	83	24-98	
2,4,6-Trichlorophenol	3450	40 U	3260	95	53-118	
2,4,5-Trichlorophenol	3450	44 U	3320	96	50-115	
Diphenyl	3450	46 U	3240	94	50-105	
2-Chloronaphthalene	3450	38 U	3180	92	51-102	
2-Nitroaniline	3450	140 U	2860	83	51-109	
2,6-Dinitrotoluene	3450	10 U	3820	111	51-115	
Dimethyl phthalate	3450	41 U	3590	104	52-112	
Acenaphthylene	3450	40 U	3280	95	51-103	
3-Nitroaniline	3450	120 U	3060	89	32-104	
Acenaphthene	3450	50 U	3160	92	46-100	
4-Nitrophenol	6890	220 U	6600	96	45-114	
2,4-Dinitrophenol	6890	190 U	1480	21	10-129	
Dibenzofuran	3450	40 U	3360	97	52-106	
Diethyl phthalate	3450	41 U	3640	106	52-114	
Fluorene	3450	44 U	3360	97	51-108	
Fluoranthene	3450	46 U	3470	101	49-108	
Di-n-butyl phthalate	3450	74 J	3710	106	50-108	
2,4-Dinitrotoluene	3450	11 U	3750	109	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z2345.d

Lab ID: 460-62968-35 MS Client ID: PMP-22SE-VD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3450	40 U	3320	96	50-106	
4-Nitroaniline	3450	110 U	3260	95	45-106	
4,6-Dinitro-2-methylphenol	6890	93 U	2780	40	10-110	
4-Bromophenyl phenyl ether	3450	34 U	3390	98	44-102	
Atrazine	3450	53 U	3270	95	30-100	
Anthracene	3450	42 U	3300	96	50-107	
Carbazole	3450	40 U	3790	110	49-104	F
Phenanthrene	3450	44 U	3330	97	48-108	
Pentachlorophenol	6890	100 U	4170	60	19-113	
Pyrene	3450	29 U	3120	90	49-116	
Chrysene	3450	40 U	3320	96	45-114	
Benzo[k]fluoranthene	3450	2.6 U	3500	101	35-115	
Benzo[g,h,i]perylene	3450	25 U	4600	134	43-106	F
Benzo[b]fluoranthene	3450	2.2 U	3440	100	33-96	F
Benzo[a]pyrene	3450	2.4 U	3780	110	36-89	F
Benzo[a]anthracene	3450	2.4 U	3290	96	46-112	
N-Nitrosodiphenylamine	3450	34 U	3560	103	49-106	
Butyl benzyl phthalate	3450	31 U	3700	107	49-117	
Bis(2-ethylhexyl) phthalate	3450	110 U	3650	106	49-119	
Di-n-octyl phthalate	3450	22 U	3150	91	40-106	
Indeno[1,2,3-cd]pyrene	3450	6.4 U	4310	125	43-109	F
Dibenz(a,h)anthracene	3450	4.3 U	3920	114	43-107	F
3,3'-Dichlorobenzidine	3450	120 U	3050	89	24-105	
1,2,4,5-Tetrachlorobenzene	3450	46 U	3020	88	70-130	
2,3,4,6-Tetrachlorophenol	3450	44 U	3180	92	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z3122.d

Lab ID: 460-63019-A-6-C MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	5710	76 U	5170	91	54-115	
2-Chlorophenol	5710	75 U	5400	95	56-110	
2-Methylphenol	5710	97 U	5680	100	54-117	
4-Methylphenol	5710	110 U	5800	102	47-103	
Benzaldehyde	5710	67 U	1020	18	10-160	
Acetophenone	5710	87 U	4950	87	40-95	
Bis(2-chloroethyl)ether	5710	7.7 U	5620	98	44-101	
2,2'-oxybis[1-chloropropane]	5710	63 U	5070	89	45-102	
N-Nitrosodi-n-propylamine	5710	9.5 U	5940	104	42-107	
Nitrobenzene	5710	8.1 U	3700	65	42-106	
Hexachloroethane	5710	6.3 U	4970	87	45-90	
Isophorone	5710	69 U	5680	99	48-97	F
2-Nitrophenol	5710	63 U	5120	90	55-101	
2,4-Dimethylphenol	5710	140 U	5380	94	56-112	
2,4-Dichlorophenol	5710	83 U	5230	92	58-115	
Bis(2-chloroethoxy)methane	5710	73 U	5670	99	51-100	
Naphthalene	5710	66 U	5310	93	53-94	
4-Chloroaniline	5710	150 U	4210	74	10-96	
Hexachlorobutadiene	5710	14 U	5450	95	45-98	
Caprolactam	5710	130 U	3980	70	10-127	
4-Chloro-3-methylphenol	5710	86 U	5670	99	55-117	
2-Methylnaphthalene	5710	73 U	5830	102	51-98	F
Hexachlorobenzene	5710	7.8 U	6510	114	43-104	F
Hexachlorocyclopentadiene	5710	67 U	4690	82	24-98	
2,4,6-Trichlorophenol	5710	66 U	5090	89	53-118	
2,4,5-Trichlorophenol	5710	73 U	5130	90	50-115	
Diphenyl	5710	76 U	5630	99	50-105	
2-Chloronaphthalene	5710	63 U	5490	96	51-102	
2-Nitroaniline	5710	240 U	5450	96	51-109	
2,6-Dinitrotoluene	5710	17 U	5970	105	51-115	
Dimethyl phthalate	5710	67 U	5730	100	52-112	
Acenaphthylene	5710	67 U	5430	95	51-103	
3-Nitroaniline	5710	200 U	4920	86	32-104	
Acenaphthene	5710	83 U	5650	99	46-100	
4-Nitrophenol	11400	370 U	8430	74	45-114	
2,4-Dinitrophenol	11400	320 U	3080	27	10-129	
Dibenzofuran	5710	67 U	5570	98	52-106	
Diethyl phthalate	5710	68 U	5470	96	52-114	
Fluorene	5710	73 U	5460	96	51-108	
Fluoranthene	5710	76 U	5100	89	49-108	
Di-n-butyl phthalate	5710	420 J	5630	91	50-108	
2,4-Dinitrotoluene	5710	19 U	5810	102	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z3122.d

Lab ID: 460-63019-A-6-C 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	5710	67 U	5690	100	50-106	
4-Nitroaniline	5710	180 U	4000	70	45-106	
4,6-Dinitro-2-methylphenol	11400	150 U	6440	56	10-110	
4-Bromophenyl phenyl ether	5710	56 U	6500	114	44-102	F
Atrazine	5710	88 U	5700	100	30-100	
Anthracene	5710	69 U	5770	101	50-107	
Carbazole	5710	67 U	5620	98	49-104	
Phenanthrene	5710	72 U	5830	102	48-108	
Pentachlorophenol	11400	170 U	6560	57	19-113	
Pyrene	5710	48 U	5980	105	49-116	
Chrysene	5710	66 U	6400	112	45-114	
Benzo[k]fluoranthene	5710	4.3 U	7220	126	35-115	F
Benzo[g,h,i]perylene	5710	42 U	8160	143	43-106	F
Benzo[b]fluoranthene	5710	17 J	5760	101	33-96	F
Benzo[a]pyrene	5710	4.0 U	6930	121	36-89	F
Benzo[a]anthracene	5710	4.0 U	5530	97	46-112	
N-Nitrosodiphenylamine	5710	56 U	6560	115	49-106	F
Butyl benzyl phthalate	5710	52 U	5850	103	49-117	
Bis(2-ethylhexyl) phthalate	5710	190 U	5720	100	49-119	
Di-n-octyl phthalate	5710	36 U	5180	91	40-106	
Indeno[1,2,3-cd]pyrene	5710	11 U	7520	132	43-109	F
Dibenz(a,h)anthracene	5710	7.2 U	7770	136	43-107	F
3,3'-Dichlorobenzidine	5710	200 U	5510	96	24-105	
1,2,4,5-Tetrachlorobenzene	5710	76 U	5540	97	70-130	
2,3,4,6-Tetrachlorophenol	5710	74 U	4710	82	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: U91024.D

Lab ID: 460-62968-1 MSD Client ID: PMP-27SE-VD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	3450	3640	105	19	30	54-115	
2-Chlorophenol	3450	3500	101	11	30	56-110	
2-Methylphenol	3450	3550	103	13	30	54-117	
4-Methylphenol	3450	3500	102	13	30	47-103	
Benzaldehyde	3450	1120	33	6	30	10-160	
Acetophenone	3450	2560	74	14	30	40-95	
Bis(2-chloroethyl)ether	3450	2980	86	14	30	44-101	
2,2'-oxybis[1-chloropropane]	3450	3190	92	11	30	45-102	
N-Nitrosodi-n-propylamine	3450	3340	97	15	30	42-107	
Nitrobenzene	3450	2230	65	1	30	42-106	
Hexachloroethane	3450	2730	79	12	30	45-90	
Isophorone	3450	3190	92	0	30	48-97	
2-Nitrophenol	3450	3070	89	2	30	55-101	
2,4-Dimethylphenol	3450	3200	93	1	30	56-112	
2,4-Dichlorophenol	3450	3400	98	2	30	58-115	
Bis(2-chloroethoxy)methane	3450	3320	96	3	30	51-100	
Naphthalene	3450	2810	81	9	30	53-94	
4-Chloroaniline	3450	1620	47	10	30	10-96	
Hexachlorobutadiene	3450	2920	84	2	30	45-98	
Caprolactam	3450	1550	45	2	30	10-127	
4-Chloro-3-methylphenol	3450	3100	90	2	30	55-117	
2-Methylnaphthalene	3450	2950	85	2	30	51-98	
Hexachlorobenzene	3450	3090	89	2	30	43-104	
Hexachlorocyclopentadiene	3450	2950	85	8	30	24-98	
2,4,6-Trichlorophenol	3450	3530	102	6	30	53-118	
2,4,5-Trichlorophenol	3450	3370	98	0	30	50-115	
Diphenyl	3450	3740	108	2	30	50-105	F
2-Chloronaphthalene	3450	3430	99	1	30	51-102	
2-Nitroaniline	3450	3580	104	4	30	51-109	
2,6-Dinitrotoluene	3450	3720	108	3	30	51-115	
Dimethyl phthalate	3450	3600	104	4	30	52-112	
Acenaphthylene	3450	3300	96	1	30	51-103	
3-Nitroaniline	3450	2820	82	12	30	32-104	
Acenaphthene	3450	2550	74	2	30	46-100	
4-Nitrophenol	6910	7240	105	2	30	45-114	
2,4-Dinitrophenol	6910	971 J	14	16	30	10-129	
Dibenzofuran	3450	3350	97	2	30	52-106	
Diethyl phthalate	3450	3390	98	3	30	52-114	
Fluorene	3450	3130	91	2	30	51-108	
Fluoranthene	3450	3140	91	5	30	49-108	
Di-n-butyl phthalate	3450	3470	101	4	30	50-108	
2,4-Dinitrotoluene	3450	3390	98	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: U91024.D

Lab ID: 460-62968-1 MSD Client ID: PMP-27SE-VD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3450	3250	94	1	30	50-106	
4-Nitroaniline	3450	2750	80	5	30	45-106	
4,6-Dinitro-2-methylphenol	6910	2120	31	21	30	10-110	
4-Bromophenyl phenyl ether	3450	3400	99	2	30	44-102	
Atrazine	3450	2780	81	1	30	30-100	
Anthracene	3450	3290	95	0	30	50-107	
Carbazole	3450	3400	98	2	30	49-104	
Phenanthrene	3450	3390	98	2	30	48-108	
Pentachlorophenol	6910	4870	71	7	30	19-113	
Pyrene	3450	2780	80	5	30	49-116	
Chrysene	3450	3340	97	5	30	45-114	
Benzo[k]fluoranthene	3450	3130	91	6	30	35-115	
Benzo[g,h,i]perylene	3450	4260	123	4	30	43-106	F
Benzo[b]fluoranthene	3450	3490	101	10	30	33-96	F
Benzo[a]pyrene	3450	3700	107	4	30	36-89	F
Benzo[a]anthracene	3450	3270	95	2	30	46-112	
N-Nitrosodiphenylamine	3450	3820	110	2	30	49-106	F
Butyl benzyl phthalate	3450	3290	95	6	30	49-117	
Bis(2-ethylhexyl) phthalate	3450	3460	100	10	30	49-119	
Di-n-octyl phthalate	3450	2840	82	4	30	40-106	
Indeno[1,2,3-cd]pyrene	3450	4720	137	4	30	43-109	F
Dibenz(a,h)anthracene	3450	4100	119	6	30	43-107	F
3,3'-Dichlorobenzidine	3450	2230	64	3	30	24-105	
1,2,4,5-Tetrachlorobenzene	3450	3380	98	2	30	70-130	
2,3,4,6-Tetrachlorophenol	3450	3090	90	4	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z2346.d

Lab ID: 460-62968-35 MSD Client ID: PMP-22SE-VD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	3440	3190	93	1	30	54-115	
2-Chlorophenol	3440	3190	93	1	30	56-110	
2-Methylphenol	3440	3270	95	2	30	54-117	
4-Methylphenol	3440	3040	88	1	30	47-103	
Benzaldehyde	3440	1190	34	3	30	10-160	
Acetophenone	3440	2810	82	2	30	40-95	
Bis(2-chloroethyl)ether	3440	3020	88	2	30	44-101	
2,2'-oxybis[1-chloropropane]	3440	2990	87	0	30	45-102	
N-Nitrosodi-n-propylamine	3440	3420	99	1	30	42-107	
Nitrobenzene	3440	2240	65	1	30	42-106	
Hexachloroethane	3440	2840	83	3	30	45-90	
Isophorone	3440	3350	97	1	30	48-97	
2-Nitrophenol	3440	3280	95	1	30	55-101	
2,4-Dimethylphenol	3440	3200	93	1	30	56-112	
2,4-Dichlorophenol	3440	3380	98	0	30	58-115	
Bis(2-chloroethoxy)methane	3440	3350	97	0	30	51-100	
Naphthalene	3440	3210	93	1	30	53-94	
4-Chloroaniline	3440	1900	55	0	30	10-96	
Hexachlorobutadiene	3440	3110	90	1	30	45-98	
Caprolactam	3440	4040	117	1	30	10-127	
4-Chloro-3-methylphenol	3440	3490	101	0	30	55-117	
2-Methylnaphthalene	3440	3440	100	0	30	51-98	F
Hexachlorobenzene	3440	3330	97	2	30	43-104	
Hexachlorocyclopentadiene	3440	2910	84	1	30	24-98	
2,4,6-Trichlorophenol	3440	3270	95	0	30	53-118	
2,4,5-Trichlorophenol	3440	3360	98	1	30	50-115	
Diphenyl	3440	3250	94	0	30	50-105	
2-Chloronaphthalene	3440	3170	92	0	30	51-102	
2-Nitroaniline	3440	2890	84	1	30	51-109	
2,6-Dinitrotoluene	3440	3830	111	0	30	51-115	
Dimethyl phthalate	3440	3590	104	0	30	52-112	
Acenaphthylene	3440	3320	97	1	30	51-103	
3-Nitroaniline	3440	3130	91	2	30	32-104	
Acenaphthene	3440	3150	92	0	30	46-100	
4-Nitrophenol	6880	6390	93	3	30	45-114	
2,4-Dinitrophenol	6880	1040	15	35	30	10-129	F
Dibenzofuran	3440	3330	97	1	30	52-106	
Diethyl phthalate	3440	3620	105	1	30	52-114	
Fluorene	3440	3360	98	0	30	51-108	
Fluoranthene	3440	3540	103	2	30	49-108	
Di-n-butyl phthalate	3440	3710	106	0	30	50-108	
2,4-Dinitrotoluene	3440	3750	109	0	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z2346.d

Lab ID: 460-62968-35 MSD Client ID: PMP-22SE-VD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3440	3340	97	1	30	50-106	
4-Nitroaniline	3440	3200	93	2	30	45-106	
4,6-Dinitro-2-methylphenol	6880	2030	29	31	30	10-110	F
4-Bromophenyl phenyl ether	3440	3390	99	0	30	44-102	
Atrazine	3440	3250	95	0	30	30-100	
Anthracene	3440	3360	98	2	30	50-107	
Carbazole	3440	3820	111	1	30	49-104	F
Phenanthrene	3440	3350	97	1	30	48-108	
Pentachlorophenol	6880	3960	58	5	30	19-113	
Pyrene	3440	3160	92	1	30	49-116	
Chrysene	3440	3300	96	1	30	45-114	
Benzo[k]fluoranthene	3440	3470	101	1	30	35-115	
Benzo[g,h,i]perylene	3440	4520	131	2	30	43-106	F
Benzo[b]fluoranthene	3440	3450	100	0	30	33-96	F
Benzo[a]pyrene	3440	3610	105	5	30	36-89	F
Benzo[a]anthracene	3440	3290	96	0	30	46-112	
N-Nitrosodiphenylamine	3440	3590	104	1	30	49-106	
Butyl benzyl phthalate	3440	3680	107	1	30	49-117	
Bis(2-ethylhexyl) phthalate	3440	3680	107	1	30	49-119	
Di-n-octyl phthalate	3440	3180	92	1	30	40-106	
Indeno[1,2,3-cd]pyrene	3440	4340	126	1	30	43-109	F
Dibenz(a,h)anthracene	3440	4020	117	2	30	43-107	F
3,3'-Dichlorobenzidine	3440	3210	93	5	30	24-105	
1,2,4,5-Tetrachlorobenzene	3440	2990	87	1	30	70-130	
2,3,4,6-Tetrachlorophenol	3440	3170	92	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z3123.d

Lab ID: 460-63019-A-6-D MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	5720	5170	90	0	30	54-115	
2-Chlorophenol	5720	5220	91	3	30	56-110	
2-Methylphenol	5720	5640	99	1	30	54-117	
4-Methylphenol	5720	5740	100	1	30	47-103	
Benzaldehyde	5720	1020	18	0	30	10-160	
Acetophenone	5720	4910	86	1	30	40-95	
Bis(2-chloroethyl)ether	5720	5510	96	2	30	44-101	
2,2'-oxybis[1-chloropropane]	5720	4950	87	2	30	45-102	
N-Nitrosodi-n-propylamine	5720	5830	102	2	30	42-107	
Nitrobenzene	5720	3660	64	1	30	42-106	
Hexachloroethane	5720	4930	86	1	30	45-90	
Isophorone	5720	5650	99	1	30	48-97	F
2-Nitrophenol	5720	5110	89	0	30	55-101	
2,4-Dimethylphenol	5720	5400	94	0	30	56-112	
2,4-Dichlorophenol	5720	5250	92	0	30	58-115	
Bis(2-chloroethoxy)methane	5720	5680	99	0	30	51-100	
Naphthalene	5720	5310	93	0	30	53-94	
4-Chloroaniline	5720	4170	73	1	30	10-96	
Hexachlorobutadiene	5720	5380	94	1	30	45-98	
Caprolactam	5720	3970	69	0	30	10-127	
4-Chloro-3-methylphenol	5720	5700	100	1	30	55-117	
2-Methylnaphthalene	5720	5810	102	0	30	51-98	F
Hexachlorobenzene	5720	6220	109	5	30	43-104	F
Hexachlorocyclopentadiene	5720	4620	81	2	30	24-98	
2,4,6-Trichlorophenol	5720	4940	86	3	30	53-118	
2,4,5-Trichlorophenol	5720	5030	88	2	30	50-115	
Diphenyl	5720	5540	97	2	30	50-105	
2-Chloronaphthalene	5720	5430	95	1	30	51-102	
2-Nitroaniline	5720	5400	94	1	30	51-109	
2,6-Dinitrotoluene	5720	5880	103	2	30	51-115	
Dimethyl phthalate	5720	5660	99	1	30	52-112	
Acenaphthylene	5720	5330	93	2	30	51-103	
3-Nitroaniline	5720	4800	84	2	30	32-104	
Acenaphthene	5720	5460	95	3	30	46-100	
4-Nitrophenol	11400	8190	72	3	30	45-114	
2,4-Dinitrophenol	11400	2780	24	10	30	10-129	
Dibenzofuran	5720	5400	94	3	30	52-106	
Diethyl phthalate	5720	5390	94	2	30	52-114	
Fluorene	5720	5350	93	2	30	51-108	
Fluoranthene	5720	4910	86	4	30	49-108	
Di-n-butyl phthalate	5720	5550	90	1	30	50-108	
2,4-Dinitrotoluene	5720	5620	98	3	30	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z3123.d

Lab ID: 460-63019-A-6-D 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	5720	5550	97	2	30	50-106	
4-Nitroaniline	5720	3890	68	3	30	45-106	
4,6-Dinitro-2-methylphenol	11400	5730	50	12	30	10-110	
4-Bromophenyl phenyl ether	5720	6280	110	3	30	44-102	F
Atrazine	5720	5500	96	3	30	30-100	
Anthracene	5720	5590	98	3	30	50-107	
Carbazole	5720	5550	97	1	30	49-104	
Phenanthrene	5720	5810	102	0	30	48-108	
Pentachlorophenol	11400	6140	54	7	30	19-113	
Pyrene	5720	5790	101	3	30	49-116	
Chrysene	5720	6100	107	5	30	45-114	
Benzo[k]fluoranthene	5720	6830	119	6	30	35-115	F
Benzo[g,h,i]perylene	5720	7950	139	3	30	43-106	F
Benzo[b]fluoranthene	5720	5830	102	1	30	33-96	F
Benzo[a]pyrene	5720	6860	120	1	30	36-89	F
Benzo[a]anthracene	5720	5420	95	2	30	46-112	
N-Nitrosodiphenylamine	5720	6450	113	2	30	49-106	F
Butyl benzyl phthalate	5720	5670	99	3	30	49-117	
Bis(2-ethylhexyl) phthalate	5720	5550	97	3	30	49-119	
Di-n-octyl phthalate	5720	4950	87	4	30	40-106	
Indeno[1,2,3-cd]pyrene	5720	7070	124	6	30	43-109	F
Dibenz(a,h)anthracene	5720	7550	132	3	30	43-107	F
3,3'-Dichlorobenzidine	5720	5400	94	2	30	24-105	
1,2,4,5-Tetrachlorobenzene	5720	5400	94	2	30	70-130	
2,3,4,6-Tetrachlorophenol	5720	4410	77	6	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.: 460-62968-1

SDG No.:

Lab File ID: z3106.d Lab Sample ID: MB 460-181416/1-A

Matrix: Solid Date Extracted: 09/15/2013 16:06

Instrument ID: BNAMS11 Date Analyzed: 09/15/2013 22:34

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-181416/2-A	z3105.d	09/15/2013 22:13
PMP-17SE-VD	460-62968-14	z3110.d	09/15/2013 23:55
PMP-16SE-SI	460-62968-19	z3111.d	09/16/2013 00:15
PMP-28SE-VD	460-62968-20	z3112.d	09/16/2013 00:35
PMP-28SE-SD	460-62968-23	z3113.d	09/16/2013 00:55
PMP-16SE-VD	460-62968-17	z3114.d	09/16/2013 01:15
PMP-28SE-SI	460-62968-22	z3115.d	09/16/2013 01:35
PMP-9SE-VD	460-62968-24	z3116.d	09/16/2013 01:55
PMP-9SE-WT	460-62968-25	z3117.d	09/16/2013 02:15
PMP-17SE-SI	460-62968-16	z3118.d	09/16/2013 02:35
	460-63019-A-6-C MS	z3122.d	09/16/2013 03:54
	460-63019-A-6-D MSD	z3123.d	09/16/2013 04:14
PMP-16SE-WT	460-62968-18	z3124.d	09/16/2013 04:34
PMP-17SE-WT	460-62968-15	z3127.d	09/16/2013 05:34
PMP-28SE-WT	460-62968-21	z3128.d	09/16/2013 05:54

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: U90991.D Lab Sample ID: MB 460-181497/1-A

Matrix: Solid Date Extracted: 09/16/2013 09:07

Instrument ID: CBNAMS4 Date Analyzed: 09/19/2013 03:49

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-181497/2-A	U90992.D	09/19/2013 04:13
PMP-27SE-VD	460-62968-1	U90995.D	09/19/2013 06:40
PMP-27SE-WT	460-62968-2	U90996.D	09/19/2013 07:03
PMP-27SE-SI	460-62968-3	U90997.D	09/19/2013 07:26
PMP-19SE-VD	460-62968-5	U90998.D	09/19/2013 07:49
PMP-19SE-WT	460-62968-6	U90999.D	09/19/2013 08:12
PMP-19SE-SI	460-62968-7	U91000.D	09/19/2013 08:35
PMP-26SE-VD	460-62968-8	U91001.D	09/19/2013 08:58
PMP-26SE-SI	460-62968-10	U91002.D	09/19/2013 09:21
PMP-18SE-VD	460-62968-11	U91003.D	09/19/2013 09:44
PMP-18SE-WT	460-62968-12	U91004.D	09/19/2013 10:08
PMP-18SE-SI	460-62968-13	U91005.D	09/19/2013 10:30
PMP-9SE-SI	460-62968-26	U91006.D	09/19/2013 10:53
PMP-24SE-SI	460-62968-30	U91007.D	09/19/2013 11:17
PMP-24SE-VS	460-62968-27	U91020.D	09/19/2013 17:57
PMP-27SE-SD	460-62968-4	U91021.D	09/19/2013 18:20
PMP-26SE-WT	460-62968-9	U91022.D	09/19/2013 18:43
PMP-27SE-VD MS	460-62968-1 MS	U91023.D	09/19/2013 19:06
PMP-27SE-VD MSD	460-62968-1 MSD	U91024.D	09/19/2013 19:34
PMP-2SE-VD	460-62968-31	112742.D	09/20/2013 12:14
PMP-24SE-WT DL	460-62968-29 DL	112744.D	09/20/2013 13:10
PMP-24SE-VD	460-62968-28	z2502.d	09/23/2013 15:37

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: z3181.d Lab Sample ID: MB 460-181498/1-A

Matrix: Solid Date Extracted: 09/16/2013 09:13

Instrument ID: BNAMS11 Date Analyzed: 09/17/2013 05:38

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-181498/2-A	z3190.d	09/17/2013 08:41
PMP-22SE-VD	460-62968-35	z2344.d	09/19/2013 19:18
PMP-22SE-VD MS	460-62968-35 MS	z2345.d	09/19/2013 19:43
PMP-22SE-VD MSD	460-62968-35 MSD	z2346.d	09/19/2013 20:07
PMP-22SE-WT	460-62968-36	z2347.d	09/19/2013 20:32
PMP-23SE-VD	460-62968-38	z2348.d	09/19/2013 20:57
PMP-23SE-WT	460-62968-39	z2349.d	09/19/2013 21:22
PMP-2SE-SI	460-62968-33	z2353.d	09/19/2013 23:00
PMP-22SE-VS	460-62968-34	z2357.d	09/20/2013 00:39
PMP-23SE-VS	460-62968-37	112749.D	09/20/2013 16:33
PMP-2SE-WT	460-62968-32	112751.D	09/20/2013 17:29

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: M69499.D Lab Sample ID: MB 460-181657/1-A

Matrix: Water Date Extracted: 09/17/2013 03:27

Instrument ID: CBNAMS6 Date Analyzed: 09/18/2013 03:26

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
FB-091213	460-62968-40	M69503.D	09/18/2013 05:07
	LCS 460-181657/2-A	M69582.D	09/19/2013 15:48
	LCSD 460-181657/3-A	M69619.D	09/20/2013 16:15

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: z26648.d DFTPP Injection Date: 09/06/2013

Instrument ID: BNAMS11 DFTPP Injection Time: 15:33

Analysis Batch No.: 180354

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	43.3	
68	Less than 2.0 % of mass 69	0.8	(1.8)1
69	Mass 69 relative abundance	43.9	
70	Less than 2.0 % of mass 69	0.6	(1.3)1
127	40.0 - 60.0 % of mass 198	49.0	
197	Less than 1.0 % of mass 198	0.8	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.4	
275	10.0 - 30.0 % of mass 198	26.0	
365	Greater than 1.0 % of mass 198	4.3	
441	Present but less than mass 443	8.8	(75.5)3
442	Greater than 40.0 % of mass 198	61.4	
443	17.0 - 23.0 % of mass 442	11.6	(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 460-180354/2	z26650.d	09/06/2013	16:15
	IC 460-180354/3	z26651.d	09/06/2013	16:53
	IC 460-180354/4	z26652.d	09/06/2013	17:15
	IC 460-180354/5	z26653.d	09/06/2013	17:37
	IC 460-180354/6	z26654.d	09/06/2013	17:59
	IC 460-180354/7	z26655.d	09/06/2013	18:21

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: z3103.d DFTPP Injection Date: 09/15/2013

Instrument ID: BNAMS11 DFTPP Injection Time: 18:02

Analysis Batch No.: 181524

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	40.0	
68	Less than 2.0 % of mass 69	0.5	(1.4)1
69	Mass 69 relative abundance	37.9	
70	Less than 2.0 % of mass 69	0.2	(0.6)1
127	40.0 - 60.0 % of mass 198	47.7	
197	Less than 1.0 % of mass 198	0.7	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.0	
275	10.0 - 30.0 % of mass 198	25.6	
365	Greater than 1.0 % of mass 198	4.2	
441	Present but less than mass 443	9.0	(73.6)3
442	Greater than 40.0 % of mass 198	62.8	
443	17.0 - 23.0 % of mass 442	12.2	(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 460-181524/2	z3104.d	09/15/2013	18:18
	LCS 460-181416/2-A	z3105.d	09/15/2013	22:13
	MB 460-181416/1-A	z3106.d	09/15/2013	22:34
PMP-17SE-VD	460-62968-14	z3110.d	09/15/2013	23:55
PMP-16SE-SI	460-62968-19	z3111.d	09/16/2013	00:15
PMP-28SE-VD	460-62968-20	z3112.d	09/16/2013	00:35
PMP-28SE-SD	460-62968-23	z3113.d	09/16/2013	00:55
PMP-16SE-VD	460-62968-17	z3114.d	09/16/2013	01:15
PMP-28SE-SI	460-62968-22	z3115.d	09/16/2013	01:35
PMP-9SE-VD	460-62968-24	z3116.d	09/16/2013	01:55
PMP-9SE-WT	460-62968-25	z3117.d	09/16/2013	02:15
PMP-17SE-SI	460-62968-16	z3118.d	09/16/2013	02:35
	460-63019-A-6-C MS	z3122.d	09/16/2013	03:54
	460-63019-A-6-D MSD	z3123.d	09/16/2013	04:14
PMP-16SE-WT	460-62968-18	z3124.d	09/16/2013	04:34
PMP-17SE-WT	460-62968-15	z3127.d	09/16/2013	05:34
PMP-28SE-WT	460-62968-21	z3128.d	09/16/2013	05:54

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: z3164.d DFTPP Injection Date: 09/16/2013

Instrument ID: BNAMS11 DFTPP Injection Time: 23:45

Analysis Batch No.: 181752

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	40.3	
68	Less than 2.0 % of mass 69	0.7	(1.8)1
69	Mass 69 relative abundance	39.3	
70	Less than 2.0 % of mass 69	0.3	(0.9)1
127	40.0 - 60.0 % of mass 198	49.5	
197	Less than 1.0 % of mass 198	0.8	
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	25.6	
365	Greater than 1.0 % of mass 198	3.7	
441	Present but less than mass 443	7.7	(68.3)3
442	Greater than 40.0 % of mass 198	56.7	
443	17.0 - 23.0 % of mass 442	11.3	(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 460-181752/2	z3165.d	09/17/2013	00:01
	MB 460-181498/1-A	z3181.d	09/17/2013	05:38
	LCS 460-181498/2-A	z3190.d	09/17/2013	08:41

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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.: 460-62968-1

SDG No.:

Lab File ID: z2335.d DFTPP Injection Date: 09/19/2013

Instrument ID: BNAMS11 DFTPP Injection Time: 15:09

Analysis Batch No.: 182252

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	55.9	
68	Less than 2.0 % of mass 69	0.9	(1.8)1
69	Mass 69 relative abundance	50.5	
70	Less than 2.0 % of mass 69	0.6	(1.2)1
127	40.0 - 60.0 % of mass 198	57.6	
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	7.4	
275	10.0 - 30.0 % of mass 198	25.5	
365	Greater than 1.0 % of mass 198	3.8	
441	Present but less than mass 443	10.3	(73.3)3
442	Greater than 40.0 % of mass 198	68.6	
443	17.0 - 23.0 % of mass 442	14.1	(20.5)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 460-182252/2	z2336.d	09/19/2013	15:32
PMP-22SE-VD	460-62968-35	z2344.d	09/19/2013	19:18
PMP-22SE-VD MS	460-62968-35 MS	z2345.d	09/19/2013	19:43
PMP-22SE-VD MSD	460-62968-35 MSD	z2346.d	09/19/2013	20:07
PMP-22SE-WT	460-62968-36	z2347.d	09/19/2013	20:32
PMP-23SE-VD	460-62968-38	z2348.d	09/19/2013	20:57
PMP-23SE-WT	460-62968-39	z2349.d	09/19/2013	21:22
PMP-2SE-SI	460-62968-33	z2353.d	09/19/2013	23:00
PMP-22SE-VS	460-62968-34	z2357.d	09/20/2013	00:39

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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
PMP-24SE-VD	460-62968-28	z2502.d	09/23/2013	15:37

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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.: 460-62968-1

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-2SE-VD	460-62968-31	112742.D	09/20/2013	12:14
PMP-24SE-WT DL	460-62968-29 DL	112744.D	09/20/2013	13:10

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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
PMP-23SE-VS	460-62968-37	112749.D	09/20/2013	16:33
PMP-2SE-WT	460-62968-32	112751.D	09/20/2013	17:29

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: U90955.D DFTPP Injection Date: 09/18/2013

Instrument ID: CBNAMS4 DFTPP Injection Time: 10:55

Analysis Batch No.: 181966

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	39.2	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	54.6	
70	Less than 2.0 % of mass 69	0.2	(0.3)1
127	40.0 - 60.0 % of mass 198	45.8	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.0	
275	10.0 - 30.0 % of mass 198	23.8	
365	Greater than 1.0 % of mass 198	3.8	
441	Present but less than mass 443	13.7	(83.3)3
442	Greater than 40.0 % of mass 198	85.9	
443	17.0 - 23.0 % of mass 442	16.4	(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
	ICIS 460-181966/2	U90956.D	09/18/2013	11:17
	IC 460-181966/3	U90957.D	09/18/2013	11:46
	IC 460-181966/4	U90958.D	09/18/2013	12:09
	IC 460-181966/5	U90959.D	09/18/2013	12:32
	IC 460-181966/6	U90960.D	09/18/2013	12:55
	IC 460-181966/7	U90961.D	09/18/2013	13:18
	IC 460-181966/8	U90962.D	09/18/2013	13:40
	IC 460-181966/9	U90963.D	09/18/2013	14:03
	IC 460-181966/10	U90964.D	09/18/2013	14:26
	IC 460-181966/11	U90965.D	09/18/2013	14:49
	IC 460-181966/12	U90966.D	09/18/2013	15:12
	IC 460-181966/13	U90967.D	09/18/2013	15:35

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: U90985.D DFTPP Injection Date: 09/19/2013

Instrument ID: CBNAMS4 DFTPP Injection Time: 01:01

Analysis Batch No.: 182070

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	0.0	(0.0)1
69	Mass 69 relative abundance	50.7	
70	Less than 2.0 % of mass 69	0.3	(0.5)1
127	40.0 - 60.0 % of mass 198	44.0	
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	6.9	
275	10.0 - 30.0 % of mass 198	25.0	
365	Greater than 1.0 % of mass 198	3.9	
441	Present but less than mass 443	14.7	(83.0)3
442	Greater than 40.0 % of mass 198	93.8	
443	17.0 - 23.0 % of mass 442	17.7	(18.8)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
	CCVIS 460-182070/2	U90986.D	09/19/2013	01:20
	CCV 460-182070/3	U90987.D	09/19/2013	01:44
	MB 460-181497/1-A	U90991.D	09/19/2013	03:49
	LCS 460-181497/2-A	U90992.D	09/19/2013	04:13
PMP-27SE-VD	460-62968-1	U90995.D	09/19/2013	06:40
PMP-27SE-WT	460-62968-2	U90996.D	09/19/2013	07:03
PMP-27SE-SI	460-62968-3	U90997.D	09/19/2013	07:26
PMP-19SE-VD	460-62968-5	U90998.D	09/19/2013	07:49
PMP-19SE-WT	460-62968-6	U90999.D	09/19/2013	08:12
PMP-19SE-SI	460-62968-7	U91000.D	09/19/2013	08:35
PMP-26SE-VD	460-62968-8	U91001.D	09/19/2013	08:58
PMP-26SE-SI	460-62968-10	U91002.D	09/19/2013	09:21
PMP-18SE-VD	460-62968-11	U91003.D	09/19/2013	09:44
PMP-18SE-WT	460-62968-12	U91004.D	09/19/2013	10:08
PMP-18SE-SI	460-62968-13	U91005.D	09/19/2013	10:30
PMP-9SE-SI	460-62968-26	U91006.D	09/19/2013	10:53
PMP-24SE-SI	460-62968-30	U91007.D	09/19/2013	11:17

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: U91012.D DFTPP Injection Date: 09/19/2013

Instrument ID: CBNAMS4 DFTPP Injection Time: 14:02

Analysis Batch No.: 182194

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	0.0	(0.0)1
69	Mass 69 relative abundance	57.1	
70	Less than 2.0 % of mass 69	0.2	(0.4)1
127	40.0 - 60.0 % of mass 198	46.8	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.0	
275	10.0 - 30.0 % of mass 198	24.5	
365	Greater than 1.0 % of mass 198	3.9	
441	Present but less than mass 443	13.9	(84.1)3
442	Greater than 40.0 % of mass 198	87.1	
443	17.0 - 23.0 % of mass 442	16.5	(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
	CCVIS 460-182194/2	U91013.D	09/19/2013	14:26
	CCV 460-182194/3	U91014.D	09/19/2013	14:56
PMP-24SE-VS	460-62968-27	U91020.D	09/19/2013	17:57
PMP-27SE-SD	460-62968-4	U91021.D	09/19/2013	18:20
PMP-26SE-WT	460-62968-9	U91022.D	09/19/2013	18:43
PMP-27SE-VD MS	460-62968-1 MS	U91023.D	09/19/2013	19:06
PMP-27SE-VD MSD	460-62968-1 MSD	U91024.D	09/19/2013	19:34

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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.: 460-62968-1

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 460-181657/1-A	M69499.D	09/18/2013	03:26
FB-091213	460-62968-40	M69503.D	09/18/2013	05:07

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: M69557.D DFTPP Injection Date: 09/19/2013

Instrument ID: CBNAMS6 DFTPP Injection Time: 04:18

Analysis Batch No.: 182076

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	54.7	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	77.0	
70	Less than 2.0 % of mass 69	0.1	(0.1)1
127	40.0 - 60.0 % of mass 198	51.2	
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	6.9	
275	10.0 - 30.0 % of mass 198	18.7	
365	Greater than 1.0 % of mass 198	2.3	
441	Present but less than mass 443	9.0	(81.7)3
442	Greater than 40.0 % of mass 198	58.0	
443	17.0 - 23.0 % of mass 442	11.0	(18.9)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 460-182076/2	M69558.D	09/19/2013	04:43
	LCS 460-181657/2-A	M69582.D	09/19/2013	15:48

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: M69614.D DFTPP Injection Date: 09/20/2013

Instrument ID: CBNAMS6 DFTPP Injection Time: 13:48

Analysis Batch No.: 182381

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	45.2	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	64.2	
70	Less than 2.0 % of mass 69	0.2	(0.2)1
127	40.0 - 60.0 % of mass 198	46.2	
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	7.0	
275	10.0 - 30.0 % of mass 198	22.0	
365	Greater than 1.0 % of mass 198	2.9	
441	Present but less than mass 443	7.1	(40.8)3
442	Greater than 40.0 % of mass 198	87.0	
443	17.0 - 23.0 % of mass 442	17.4	(20.1)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 460-182381/2	M69615.D	09/20/2013	14:23
	LCSD 460-181657/3-A	M69619.D	09/20/2013	16:15

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-181524/2 Date Analyzed: 09/15/2013 18:18

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z3104.d Heated Purge: (Y/N) N

Calibration ID: 29161

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		402397	2.51	1438585	3.84	654124	5.60
UPPER LIMIT		804794	3.01	2877170	4.34	1308248	6.10
LOWER LIMIT		201199	2.01	719293	3.34	327062	5.10
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-181416/2-A		451433	2.50	1646206	3.83	760069	5.60
MB 460-181416/1-A		426350	2.50	1634098	3.83	815001	5.59
460-62968-14	PMP-17SE-VD	462725	2.50	1725667	3.83	852369	5.59
460-62968-19	PMP-16SE-SI	475368	2.50	1772575	3.83	850857	5.59
460-62968-20	PMP-28SE-VD	428013	2.50	1582152	3.83	734817	5.59
460-62968-23	PMP-28SE-SD	473007	2.50	1771788	3.83	875286	5.59
460-62968-17	PMP-16SE-VD	471925	2.50	1799138	3.83	890872	5.59
460-62968-22	PMP-28SE-SI	481889	2.50	1801254	3.83	880550	5.59
460-62968-24	PMP-9SE-VD	444244	2.50	1675849	3.83	836168	5.59
460-62968-25	PMP-9SE-WT	461938	2.50	1736458	3.83	861090	5.59
460-62968-16	PMP-17SE-SI	474014	2.50	1782629	3.83	875533	5.59
460-63019-A-6-C MS		439541	2.51	1583770	3.84	707833	5.60
460-63019-A-6-D MSD		456201	2.51	1624015	3.84	739834	5.60
460-62968-18	PMP-16SE-WT	401432	2.50	1416985	3.83	568756	5.60
460-62968-15	PMP-17SE-WT	427054	2.50	1456985	3.83	551597	5.60
460-62968-21	PMP-28SE-WT	420288	2.50	1432386	3.83	566449	5.60

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-181524/2 Date Analyzed: 09/15/2013 18:18

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z3104.d Heated Purge: (Y/N) N

Calibration ID: 29161

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		823039	7.01	359265	9.52	266779	10.85
UPPER LIMIT		1646078	7.51	718530	10.02	533558	11.35
LOWER LIMIT		411520	6.51	179633	9.02	133390	10.35
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-181416/2-A		933657	7.01	438156	9.52	323579	10.85
MB 460-181416/1-A		1129973	7.00	495370	9.51	288551	10.84
460-62968-14	PMP-17SE-VD	1151039	7.00	502558	9.51	320042	10.84
460-62968-19	PMP-16SE-SI	1095081	7.00	496497	9.51	332957	10.84
460-62968-20	PMP-28SE-VD	906933	7.01	455033	9.51	314716	10.84
460-62968-23	PMP-28SE-SD	1169337	7.00	505010	9.51	327499	10.84
460-62968-17	PMP-16SE-VD	1191849	7.00	508589	9.51	320186	10.84
460-62968-22	PMP-28SE-SI	1139776	7.01	528292	9.51	345075	10.84
460-62968-24	PMP-9SE-VD	1133315	7.00	497458	9.51	310086	10.84
460-62968-25	PMP-9SE-WT	1176758	7.00	515988	9.51	326216	10.84
460-62968-16	PMP-17SE-SI	1130334	7.00	503258	9.51	317903	10.84
460-63019-A-6-C MS		821831	7.01	398104	9.52	319734	10.85
460-63019-A-6-D MSD		852985	7.01	420355	9.52	330655	10.85
460-62968-18	PMP-16SE-WT	680351	7.02	385444	9.51	304132	10.84
460-62968-15	PMP-17SE-WT	693605	7.03	383623	9.52	333676	10.84
460-62968-21	PMP-28SE-WT	656973	7.03	375007	9.52	326629	10.84

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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-181752/2 Date Analyzed: 09/17/2013 00:01

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z3165.d Heated Purge: (Y/N) N

Calibration ID: 29161

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		390126	2.43	1378474	3.77	633731	5.53
UPPER LIMIT		780252	2.93	2756948	4.27	1267462	6.03
LOWER LIMIT		195063	1.93	689237	3.27	316866	5.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-181498/1-A		514742	2.43	1953844	3.76	946264	5.52
LCS 460-181498/2-A		532935	2.44	1942024	3.77	897408	5.53

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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-181752/2 Date Analyzed: 09/17/2013 00:01

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z3165.d Heated Purge: (Y/N) N

Calibration ID: 29161

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		911420	6.94	472295	9.44	307561	10.75
UPPER LIMIT		1822840	7.44	944590	9.94	615122	11.25
LOWER LIMIT		455710	6.44	236148	8.94	153781	10.25
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-181498/1-A		1222019	6.93	477548	9.44	393388	10.75
LCS 460-181498/2-A		1105939	6.94	545729	9.44	477002	10.76

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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182252/2 Date Analyzed: 09/19/2013 15:32

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z2336.d Heated Purge: (Y/N) N

Calibration ID: 29838

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		273673	4.47	944771	5.75	440411	7.51
UPPER LIMIT		547346	4.97	1889542	6.25	880822	8.01
LOWER LIMIT		136837	3.97	472386	5.25	220206	7.01
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-62968-35	PMP-22SE-VD	269263	4.46	975861	5.75	479618	7.51
460-62968-35 MS	PMP-22SE-VD MS	262662	4.47	948126	5.75	446823	7.51
460-62968-35 MSD	PMP-22SE-VD MSD	273161	4.47	997989	5.75	472462	7.51
460-62968-36	PMP-22SE-WT	269956	4.46	978530	5.75	470778	7.51
460-62968-38	PMP-23SE-VD	287921	4.46	1057268	5.75	516054	7.50
460-62968-39	PMP-23SE-WT	286727	4.46	1035804	5.75	500572	7.51
460-62968-33	PMP-2SE-SI	217893	4.46	736742	5.75	353927	7.51
460-62968-34	PMP-22SE-VS	274492	4.46	996848	5.75	491303	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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182252/2 Date Analyzed: 09/19/2013 15:32

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z2336.d Heated Purge: (Y/N) N

Calibration ID: 29838

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		584464	8.98	295218	11.79	224522	13.74
UPPER LIMIT		1168928	9.48	590436	12.29	449044	14.24
LOWER LIMIT		292232	8.48	147609	11.29	112261	13.24
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-62968-35	PMP-22SE-VD	677814	8.97	305010	11.78	230889	13.73
460-62968-35 MS	PMP-22SE-VD MS	559902	8.98	270661	11.78	227327	13.73
460-62968-35 MSD	PMP-22SE-VD MSD	591707	8.98	287242	11.78	243451	13.73
460-62968-36	PMP-22SE-WT	637117	8.97	286409	11.78	225593	13.73
460-62968-38	PMP-23SE-VD	691586	8.97	311971	11.78	237384	13.73
460-62968-39	PMP-23SE-WT	678069	8.97	293533	11.78	231345	13.73
460-62968-33	PMP-2SE-SI	450497	8.98	224878	11.78	186450	13.73
460-62968-34	PMP-22SE-VS	654539	8.97	277975	11.78	239419	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.: 460-62968-1

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						
460-62968-28	PMP-24SE-VD	216160	4.43	716136	5.72	263025	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.: 460-62968-1

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						
460-62968-28	PMP-24SE-VD	413618	8.98	169135	11.74	169584	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.: 460-62968-1

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						
460-62968-31	PMP-2SE-VD	336085	3.14	1280439	4.46	704159	6.22
460-62968-29 DL	PMP-24SE-WT DL	305459	3.14	1188508	4.46	644471	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.: 460-62968-1

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						
460-62968-31	PMP-2SE-VD	1083505	7.66	1039021	10.22	1207909	11.80
460-62968-29 DL	PMP-24SE-WT DL	1130753	7.66	983826	10.22	1190853	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.: 460-62968-1

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						
460-62968-37	PMP-23SE-VS	708708	3.12	2667280	4.44	1409774	6.19
460-62968-32	PMP-2SE-WT	489096	3.12	1834229	4.45	926437	6.20

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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						
460-62968-37	PMP-23SE-VS	2111455	7.63	1547228	10.20	1355345	11.78
460-62968-32	PMP-2SE-WT	1323428	7.64	1131823	10.20	1043070	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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182070/2 Date Analyzed: 09/19/2013 01:20

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U90986.D Heated Purge: (Y/N) N

Calibration ID: 29843

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		248197	4.02	990793	5.31	609358	7.06
UPPER LIMIT		496394	4.52	1981586	5.81	1218716	7.56
LOWER LIMIT		124099	3.52	495397	4.81	304679	6.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-181497/1-A		222035	4.01	891031	5.30	634249	7.04
LCS 460-181497/2-A		276490	4.01	1114821	5.30	674868	7.05
460-62968-1	PMP-27SE-VD	220874	4.01	842174	5.30	594945	7.05
460-62968-2	PMP-27SE-WT	196423	4.02	758572	5.30	544530	7.05
460-62968-3	PMP-27SE-SI	244424	4.01	994432	5.30	717453	7.05
460-62968-5	PMP-19SE-VD	201824	4.02	839063	5.30	583051	7.04
460-62968-6	PMP-19SE-WT	279088	4.02	1075282	5.30	1028176	7.06
460-62968-7	PMP-19SE-SI	210104	4.02	870265	5.29	661121	7.04
460-62968-8	PMP-26SE-VD	247457	4.01	1035022	5.30	682849	7.04
460-62968-10	PMP-26SE-SI	135065	4.01	551258	5.29	356873	7.04
460-62968-11	PMP-18SE-VD	287634	4.01	1073389	5.30	691129	7.04
460-62968-12	PMP-18SE-WT	272760	4.02	1061005	5.30	748538	7.06
460-62968-13	PMP-18SE-SI	271951	4.02	1105826	5.30	718700	7.05
460-62968-26	PMP-9SE-SI	247681	4.01	949348	5.30	970335	7.05
460-62968-30	PMP-24SE-SI	260636	4.01	1076902	5.30	687581	7.04

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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182070/2 Date Analyzed: 09/19/2013 01:20

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U90986.D Heated Purge: (Y/N) N

Calibration ID: 29843

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1103522	8.51	1228629	11.19	1046680	13.02
UPPER LIMIT		2207044	9.01	2457258	11.69	2093360	13.52
LOWER LIMIT		551761	8.01	614315	10.69	523340	12.52
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-181497/1-A		1389393	8.50	1791189	11.18	1450381	13.01
LCS 460-181497/2-A		1289776	8.50	1394038	11.18	1108328	13.01
460-62968-1	PMP-27SE-VD	1175429	8.50	1329571	11.18	1103237	13.01
460-62968-2	PMP-27SE-WT	1225145	8.50	1454656	11.17	1207741	13.00
460-62968-3	PMP-27SE-SI	1358505	8.50	1618065	11.18	1370588	13.01
460-62968-5	PMP-19SE-VD	1210082	8.50	1396211	11.17	1094181	13.00
460-62968-6	PMP-19SE-WT	1328732	8.55	933505	11.18	869448	13.00
460-62968-7	PMP-19SE-SI	1360806	8.50	1510194	11.17	1173692	13.00
460-62968-8	PMP-26SE-VD	1432235	8.50	1537533	11.17	1240652	13.00
460-62968-10	PMP-26SE-SI	781968	8.49	1331233	11.17	1188500	13.00
460-62968-11	PMP-18SE-VD	1221951	8.50	1235288	11.17	941362	12.99
460-62968-12	PMP-18SE-WT	1421608	8.54	988515	11.18	840005	13.00
460-62968-13	PMP-18SE-SI	1311957	8.50	1494416	11.18	1125389	13.00
460-62968-26	PMP-9SE-SI	1263429	8.54	885646	11.18	781870	12.99
460-62968-30	PMP-24SE-SI	1231817	8.50	1025227	11.17	787713	13.00

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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182194/2 Date Analyzed: 09/19/2013 14:26

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U91013.D Heated Purge: (Y/N) N

Calibration ID: 29843

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		284779	4.02	1012637	5.30	564416	7.05
UPPER LIMIT		569558	4.52	2025274	5.80	1128832	7.55
LOWER LIMIT		142390	3.52	506319	4.80	282208	6.55
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-62968-27	PMP-24SE-VS	303248	4.01	978723	5.29	434208	7.04
460-62968-4	PMP-27SE-SD	312317	4.01	976289	5.29	450726	7.04
460-62968-9	PMP-26SE-WT	329758	4.01	1132589	5.29	448666	7.04
460-62968-1 MS	PMP-27SE-VD MS	422129	4.01	1370977	5.30	631135	7.04
460-62968-1 MSD	PMP-27SE-VD MSD	322404	4.01	1249015	5.30	575974	7.05

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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182194/2 Date Analyzed: 09/19/2013 14:26

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U91013.D Heated Purge: (Y/N) N

Calibration ID: 29843

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		920146	8.49	917193	11.17	675997	12.98
UPPER LIMIT		1840292	8.99	1834386	11.67	1351994	13.48
LOWER LIMIT		460073	7.99	458597	10.67	337999	12.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-62968-27	PMP-24SE-VS	864477	8.52	674145	11.17	767106	12.99
460-62968-4	PMP-27SE-SD	650861	8.50	600900	11.16	781882	12.97
460-62968-9	PMP-26SE-WT	667676	8.49	692204	11.15	823040	12.98
460-62968-1 MS	PMP-27SE-VD MS	902854	8.50	933976	11.16	932931	12.99
460-62968-1 MSD	PMP-27SE-VD MSD	854286	8.50	864854	11.16	868243	12.98

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.: 460-62968-1

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 460-181657/1-A		468294	3.81	1529889	5.10	905541	6.85
460-62968-40	FB-091213	430390	3.80	1436763	5.09	810927	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.: 460-62968-1

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 460-181657/1-A		1283590	8.30	602600	10.94	556559	12.70
460-62968-40	FB-091213	1181894	8.30	625083	10.93	544350	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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182076/2 Date Analyzed: 09/19/2013 04:43

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M69558.D Heated Purge: (Y/N) N

Calibration ID: 28826

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		449651	3.79	1389429	5.09	674365	6.84
UPPER LIMIT		899302	4.29	2778858	5.59	1348730	7.34
LOWER LIMIT		224826	3.29	694715	4.59	337183	6.34
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-181657/2-A		624183	3.79	1827346	5.08	990678	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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182076/2 Date Analyzed: 09/19/2013 04:43

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M69558.D Heated Purge: (Y/N) N

Calibration ID: 28826

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		908199	8.28	628784	10.93	547995	12.67
UPPER LIMIT		1816398	8.78	1257568	11.43	1095990	13.17
LOWER LIMIT		454100	7.78	314392	10.43	273998	12.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-181657/2-A		1359264	8.29	1068648	10.93	949273	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.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182381/2 Date Analyzed: 09/20/2013 14:23

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M69615.D Heated Purge: (Y/N) N

Calibration ID: 28826

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		552802	3.78	1618834	5.07	917042	6.82
UPPER LIMIT		1105604	4.28	3237668	5.57	1834084	7.32
LOWER LIMIT		276401	3.28	809417	4.57	458521	6.32
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCSD 460-181657/3-A		620833	3.78	1878813	5.07	1056890	6.82

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Sample No.: CCVIS 460-182381/2 Date Analyzed: 09/20/2013 14:23

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M69615.D Heated Purge: (Y/N) N

Calibration ID: 28826

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1385705	8.28	945973	10.91	802884	12.66
UPPER LIMIT		2771410	8.78	1891946	11.41	1605768	13.16
LOWER LIMIT		692853	7.78	472987	10.41	401442	12.16
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCSD 460-181657/3-A		1497450	8.27	1103699	10.90	977737	12.66

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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD | Lab Sample ID: 460-62968-1

Matrix: Solid | Lab File ID: U90995.D

Analysis Method: 8270C | Date Collected: 09/12/2013 08:45

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 06:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | 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	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	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	41	U	340	41
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD | Lab Sample ID: 460-62968-1

Matrix: Solid | Lab File ID: U90995.D

Analysis Method: 8270C | Date Collected: 09/12/2013 08:45

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 06:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | 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	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	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD | Lab Sample ID: 460-62968-1

Matrix: Solid | Lab File ID: U90995.D

Analysis Method: 8270C | Date Collected: 09/12/2013 08:45

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 06:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	86		38-105
4165-62-2	Phenol-d5	91		41-118
1718-51-0	Terphenyl-d14	79		16-151
118-79-6	2,4,6-Tribromophenol	104		10-120
367-12-4	2-Fluorophenol	92		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD | Lab Sample ID: 460-62968-1

Matrix: Solid | Lab File ID: U90995.D

Analysis Method: 8270C | Date Collected: 09/12/2013 08:45

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 06:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 12190

CAS NO.	COMPOUND NAME	RT	RESULT	Q
17312-82-2	Undecane, 4,6-dimethyl-	6.82	610	J N
1000282-04-8	Methoxyacetic acid, 2-tetradecyl ester	7.34	340	J N
1000104-10-8	3-Methyl-4-(methoxycarbonyl)hexa-2,4-die	7.45	280	J N
544-76-3	Hexadecane	7.52	680	J N
	Unknown	7.56	410	J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	7.74	1700	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.00	3500	J N
612-75-9	3,3'-Dimethylbiphenyl	8.17	510	J N
2050-77-3	Decane, 1-iodo-	8.20	380	J N
593-45-3	n-Octadecane	8.42	360	
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.46	1600	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.60	420	J N
14905-56-7	Tetradecane, 2,6,10-trimethyl-	8.79	410	J N
629-92-5	Nonadecane	8.84	670	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	9.01	320	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90995.D		
Lims ID:	460-62968-E-1-F	Client ID:	PMP-27SE-VD
Inject. Date:	19-Sep-2013 06:40:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004790-011		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	182070	Lims Sample ID:	11
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m		
Last Update:	20-Sep-2013 11:16:04	Calib Date:	18-Sep-2013 15:35:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90967.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:	19-Sep-2013 07:19:14

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.756	2.740	0.016	84	568107	91.7	
$ 6 Phenol-d5	99	3.682	3.692	-0.010	49	669909	90.8	
* 13 1,4-Dichlorobenzene-d4	152	4.014	4.023	-0.009	91	220874	40.0	
$ 25 Nitrobenzene-d5	82	4.577	4.588	-0.011	93	528000	43.1	
23 2-Toluidine	107	5.029	5.021	0.008	1	987	0	
* 35 Naphthalene-d8	136	5.303	5.310	-0.007	97	842174	40.0	
$ 48 2-Fluorobiphenyl	172	6.389	6.398	-0.009	96	886966	42.2	
* 61 Acenaphthene-d10	164	7.048	7.057	-0.009	92	594945	40.0	
52 1-Naphthylamine	143	7.170	7.213	-0.043	22	4013	0	
51 2-Naphthylamine	143	7.260	7.228	0.032	1	1113	0	
$ 76 2,4,6-Tribromophenol	330	7.830	7.832	-0.002	86	575078	104.0	
82 n-Octadecane	57	8.424	8.422	0.002	86	67810	5.26	
* 83 Phenanthrene-d10	188	8.501	8.510	-0.009	97	1175429	40.0	
90 Pyrene	202	9.898	9.916	-0.018	70	6789	0.1554	
$ 91 Terphenyl-d14	244	10.066	10.069	-0.003	97	1366497	39.6	
* 96 Chrysene-d12	240	11.177	11.193	-0.016	96	1329571	40.0	
* 103 Perylene-d12	264	13.005	13.017	-0.012	97	1103237	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90995.D		
Lims ID:	460-62968-E-1-F	Client ID:	PMP-27SE-VD
Inject. Date:	19-Sep-2013 06:40:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004790-011		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	182070	Lims Sample ID:	11
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m		
Last Update:	20-Sep-2013 11:16:04	Calib Date:	18-Sep-2013 15:35:30
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: asfawa		Date:	19-Sep-2013 07:19:14

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
17312-82-2 Undecane, 4,6-dimethyl-						
6.821	722716	8.80	61	87	45578	
1000282-04-8 Methoxyacetic acid, 2-tetradecyl ester						
7.344	402029	4.90	61	90	109917	
1000104-10-8 3-Methyl-4-(methoxycarbonyl)hexa-2,4-die						
7.450	336452	4.10	61	86	45954	
544-76-3 Hexadecane						
7.519	810445	9.87	61	95	73967	
Unknown						
7.557	488295	5.95	61			
3892-00-0 Pentadecane, 2,6,10-trimethyl-						
7.739	1972774	24.0	61	87	91053	
1921-70-6 Pentadecane, 2,6,10,14-tetramethyl-						
7.997	4162636	50.6	83	98	99493	
612-75-9 3,3'-Dimethylbiphenyl						
8.172	609559	7.41	83	83	44173	
2050-77-3 Decane, 1-iodo-						
8.203	451206	5.48	83	96	98767	
638-36-8 Hexadecane, 2,6,10,14-tetramethyl-						
8.455	1868705	22.7	83	99	107670	
16606-02-3 1,1'-Biphenyl, 2,4',5-trichloro-						
8.600	502829	6.11	83	93	91788	
14905-56-7 Tetradecane, 2,6,10-trimethyl-						
8.791	490346	5.96	83	91	82616	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
	629-92-5	Nonadecane				
8.836	798368	9.70	83	93	99477	
	37680-65-2	1,1'-Biphenyl, 2,2',5-trichloro-				
8.921	335377	4.07	83	83	91795	
	31295-56-4	Dodecane, 2,6,11-trimethyl-				
9.012	384842	4.68	83	78	64591	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.048	3285074	40.0
* 83 Phenanthrene-d10	8.501	3292560	40.0

QC Flag Legend

Processing Flags

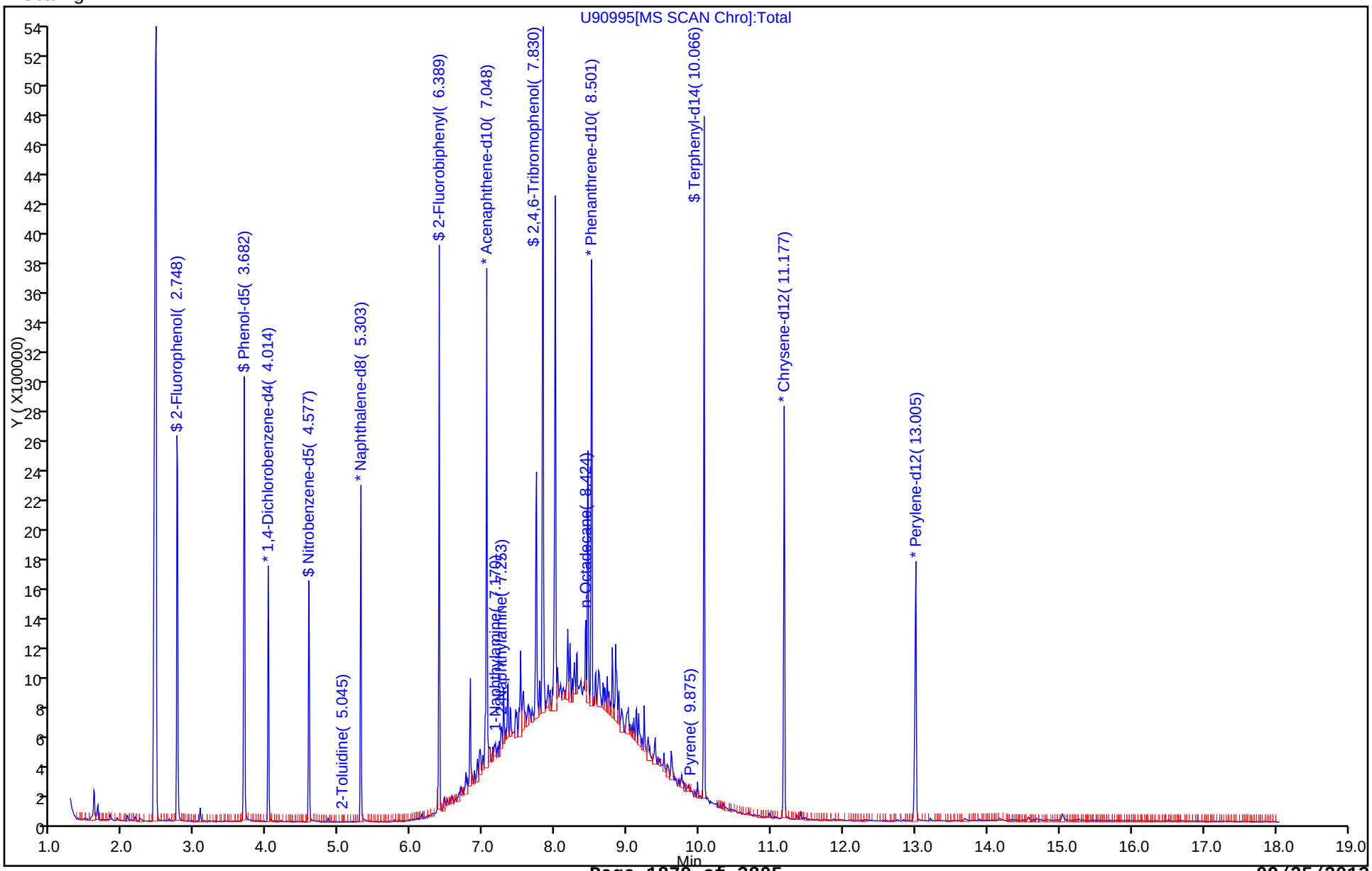
Report Date: 20-Sep-2013 11:18:39 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90995.D

Injection Date:	19-Sep-2013 06:40:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Y Scaling:



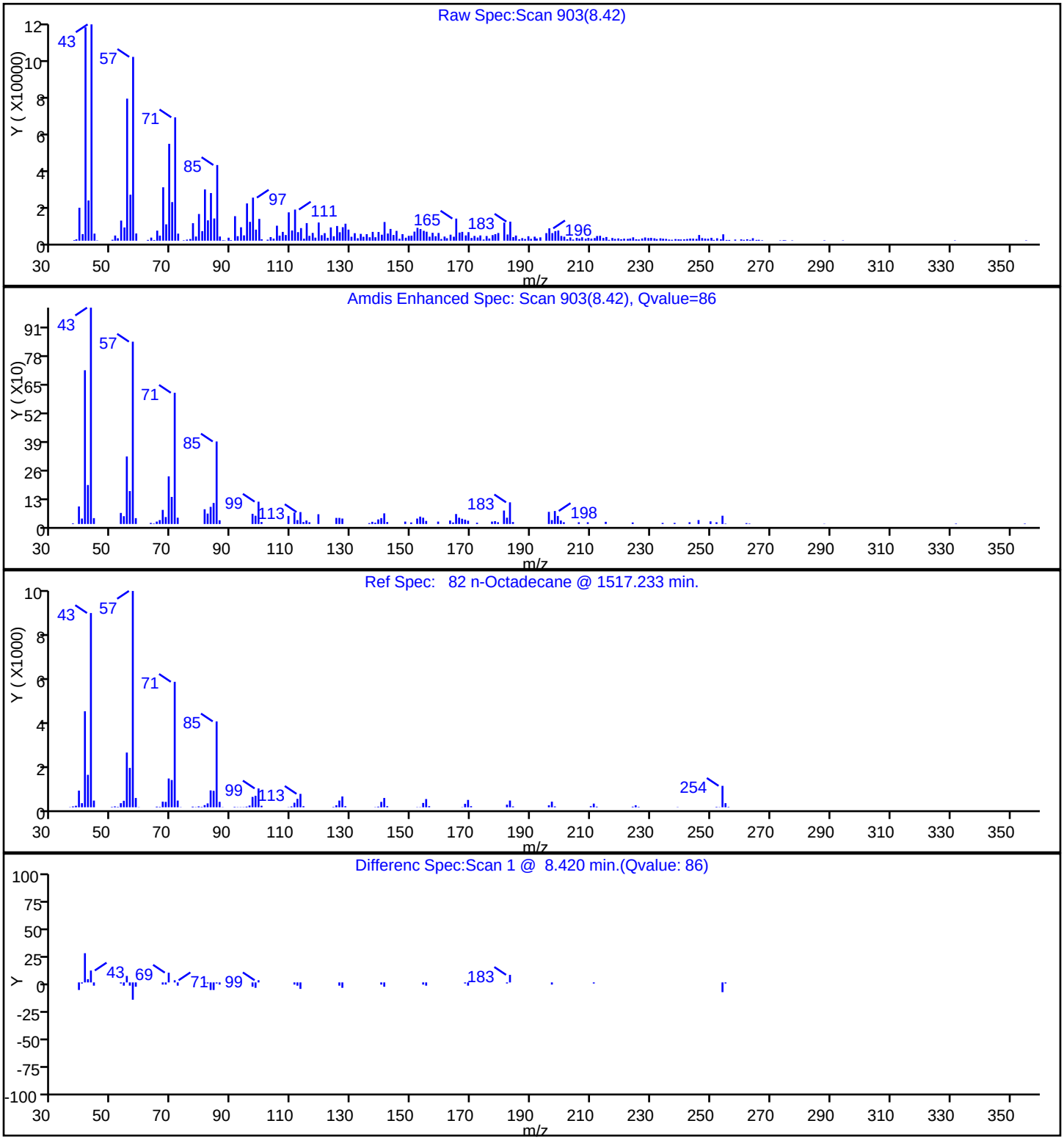
Report Date: 20-Sep-2013 11:18:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90995.D

Injection Date:	19-Sep-2013 06:40:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

82 n-Octadecane



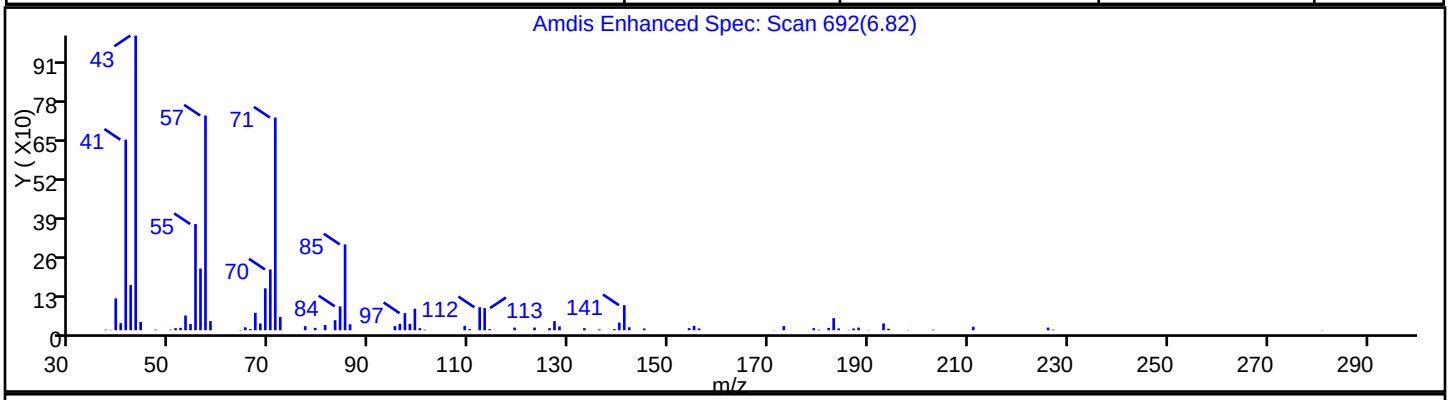
Report Date: 20-Sep-2013 11:18:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

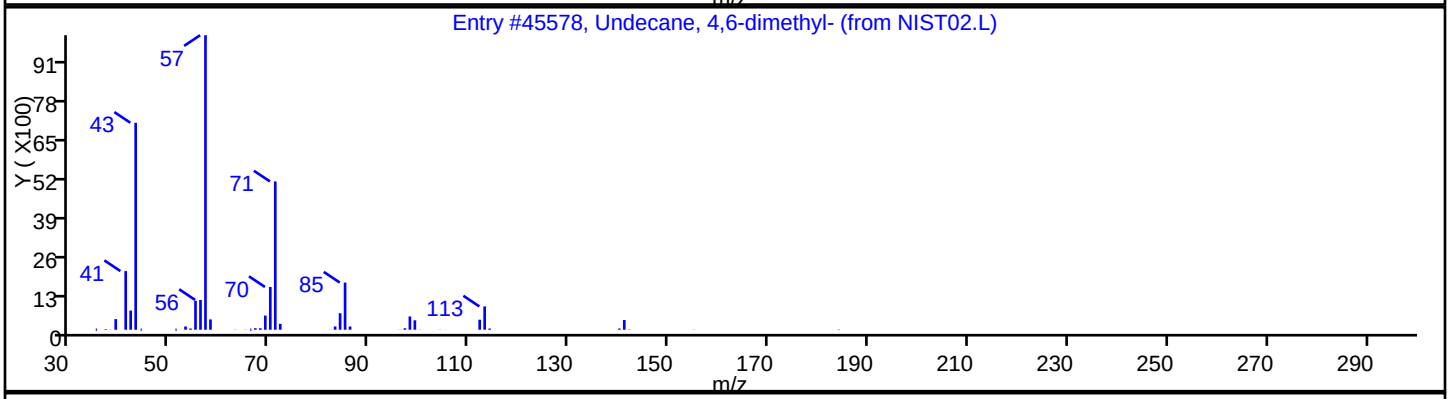
TestAmerica Edison

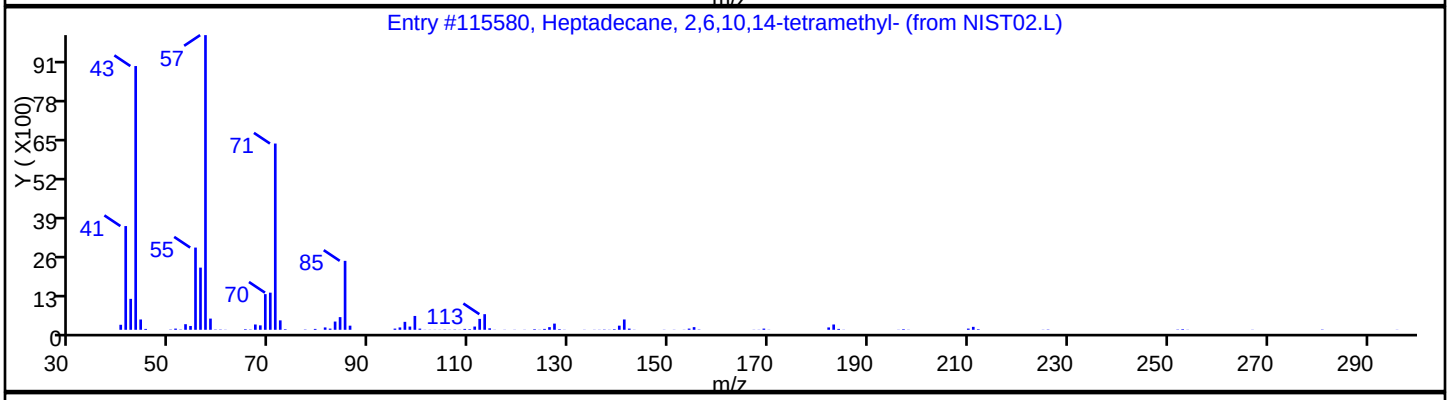
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90995.D

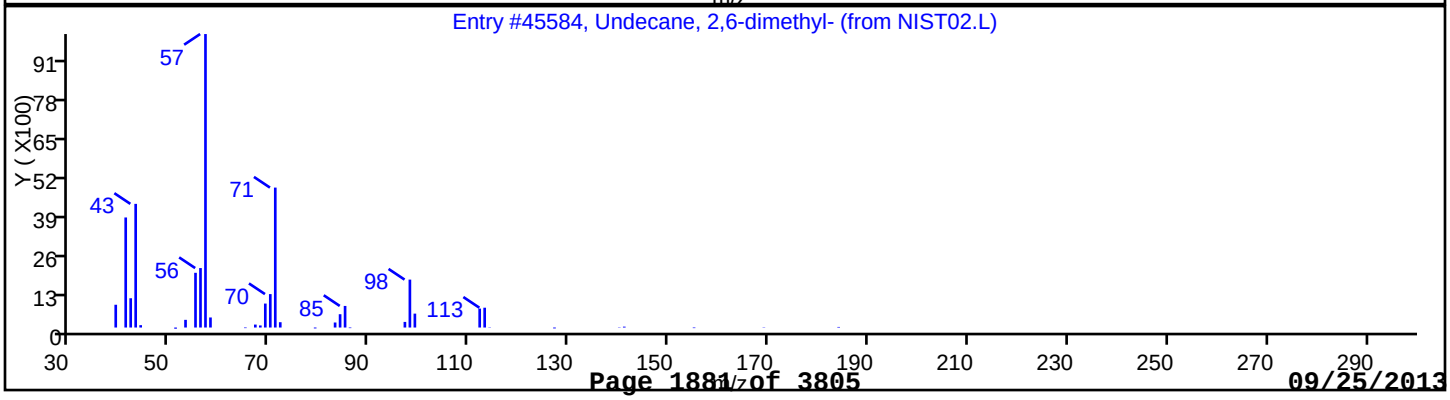
Injection Date:	19-Sep-2013 06:40:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.L	45578	87
Heptadecane, 2,6,10,14-tetramethyl-	18344-37-1	NIST02.L	115580	86
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.L	45584	80









Report Date: 20-Sep-2013 11:18:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

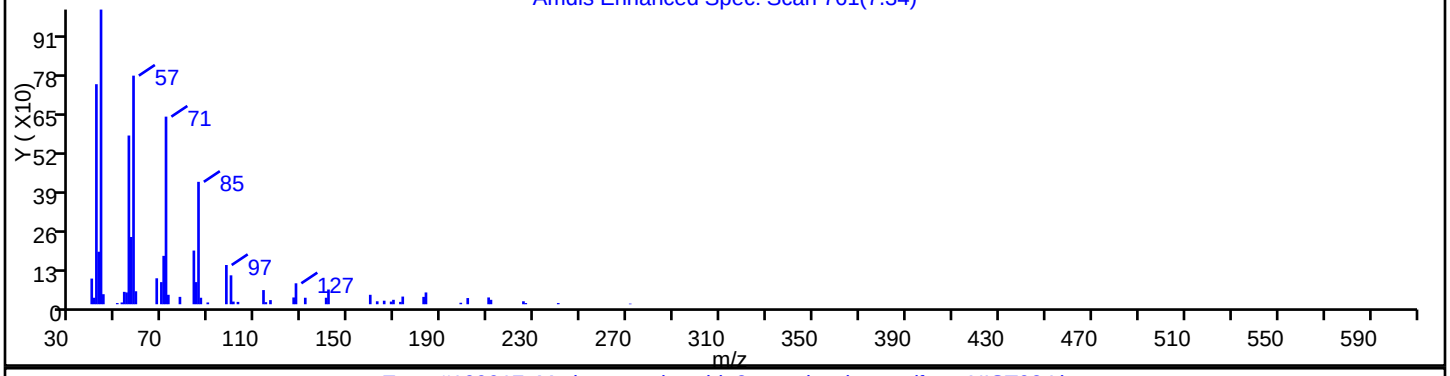
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90995.D

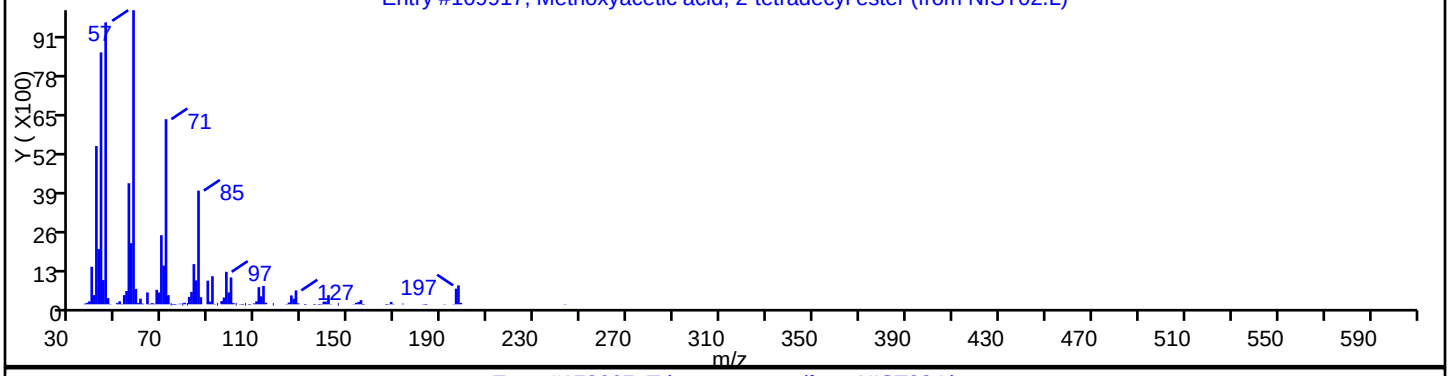
Injection Date:	19-Sep-2013 06:40:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Methoxyacetic acid, 2-tetradecyl ester	1000282-04-8	NIST02.L	109917	90
Tritetracontane	7098-21-7	NIST02.L	172667	80
Octadecane, 1-chloro-	3386-33-2	NIST02.L	110991	72

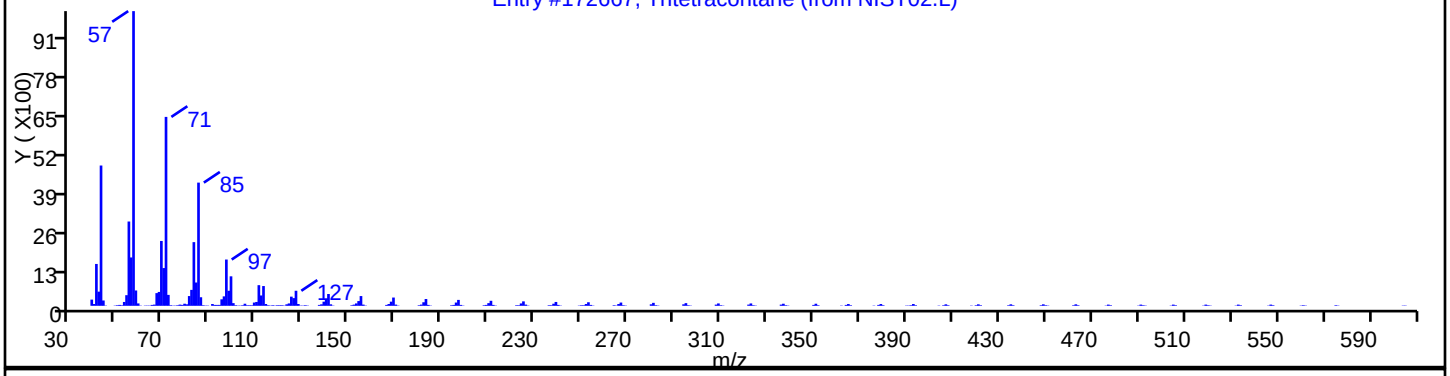
Amdis Enhanced Spec: Scan 761(7.34)



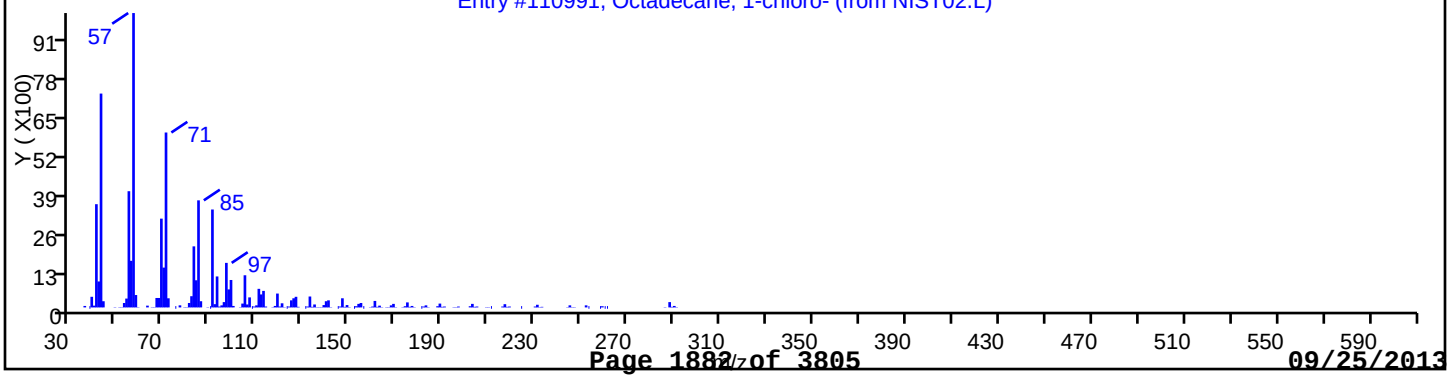
Entry #109917, Methoxyacetic acid, 2-tetradecyl ester (from NIST02.L)



Entry #172667, Tritetracontane (from NIST02.L)



Entry #110991, Octadecane, 1-chloro- (from NIST02.L)

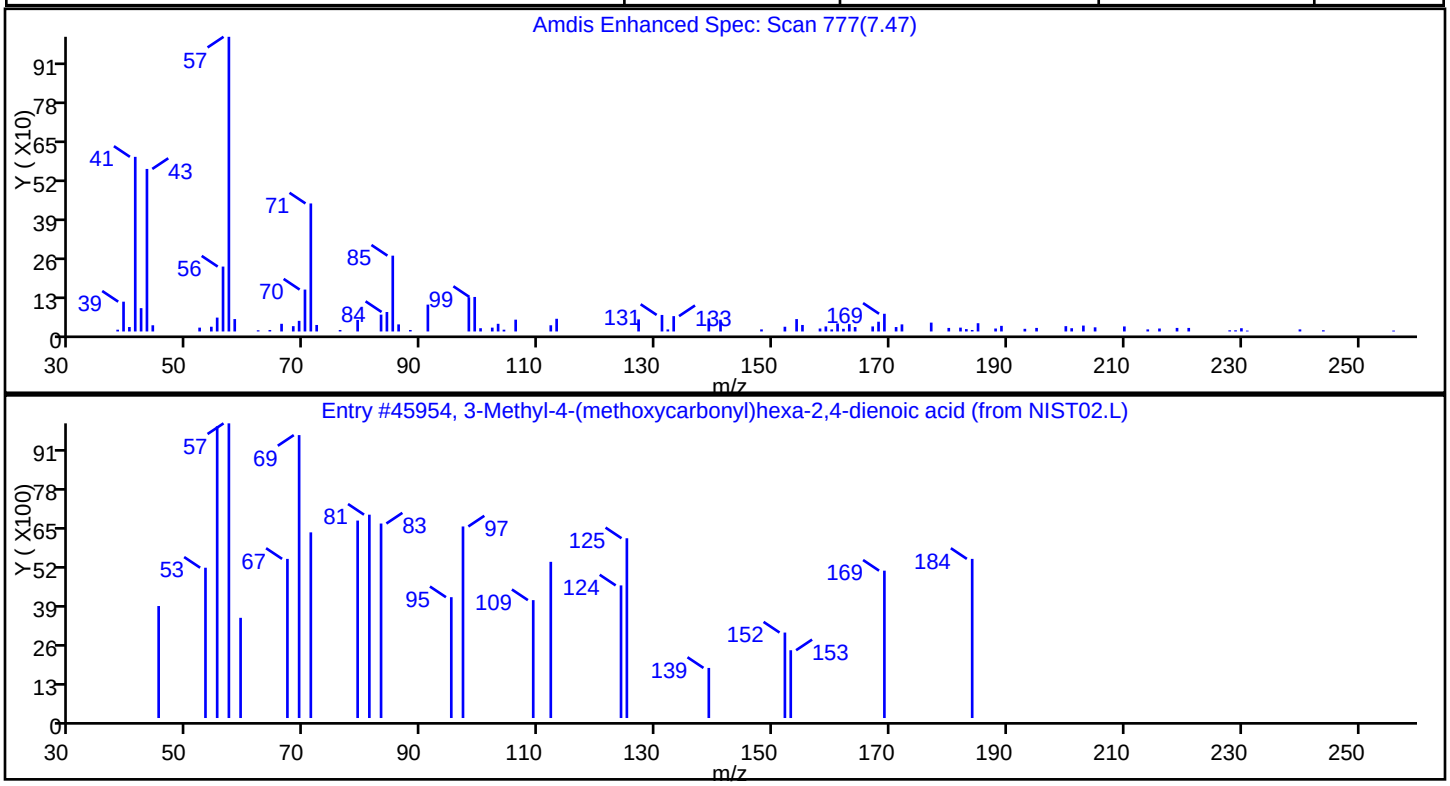


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90995.D

Injection Date:	19-Sep-2013 06:40:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
3-Methyl-4-(methoxycarbonyl)hexa-2,4-die	1000104-10-8	NIST02.L	45954	86



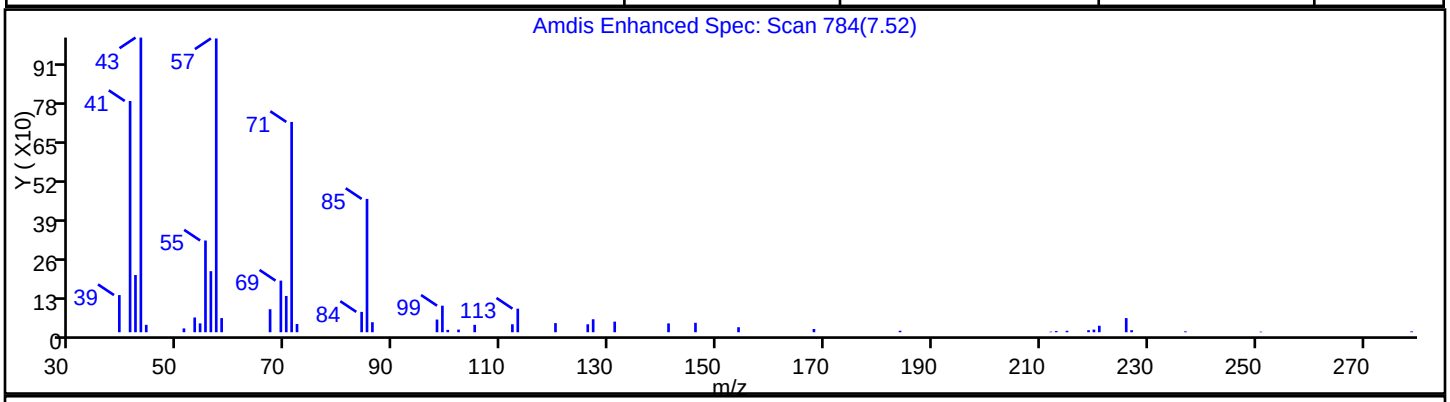
Report Date: 20-Sep-2013 11:18:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

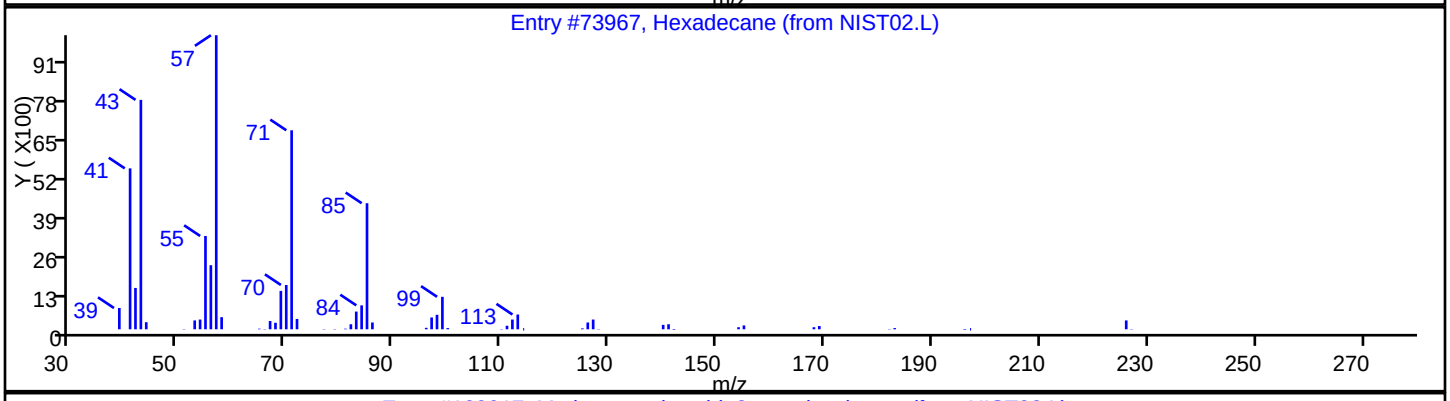
TestAmerica Edison

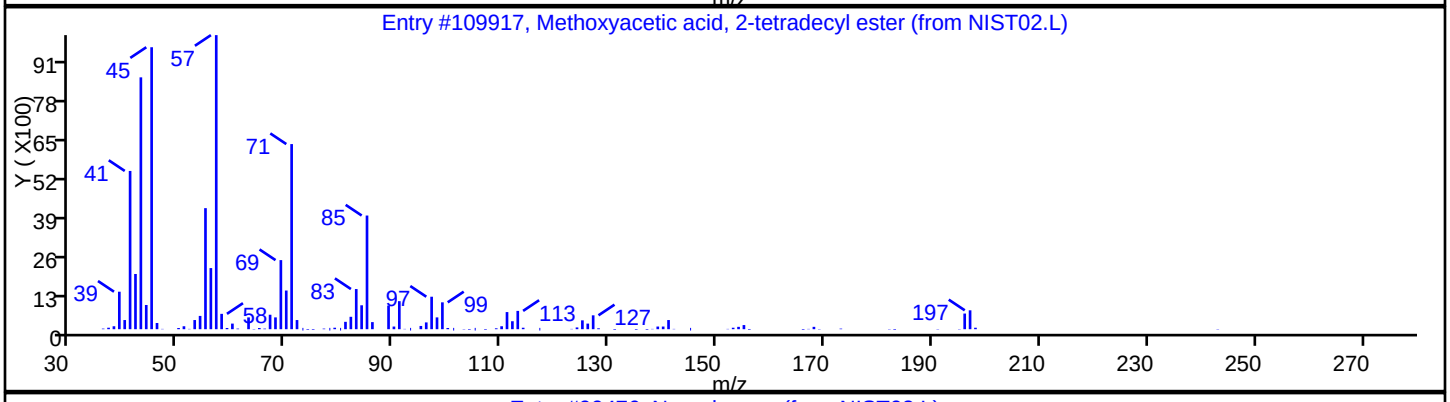
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90995.D

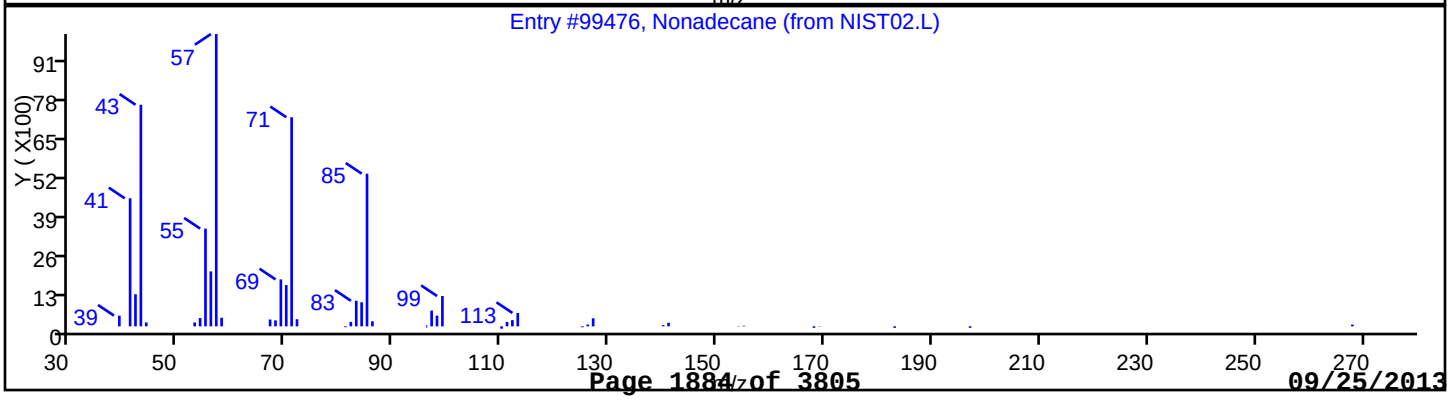
Injection Date:	19-Sep-2013 06:40:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane	544-76-3	NIST02.L	73967	95
Methoxyacetic acid, 2-tetradecyl ester	1000282-04-8	NIST02.L	109917	90
Nonadecane	629-92-5	NIST02.L	99476	80







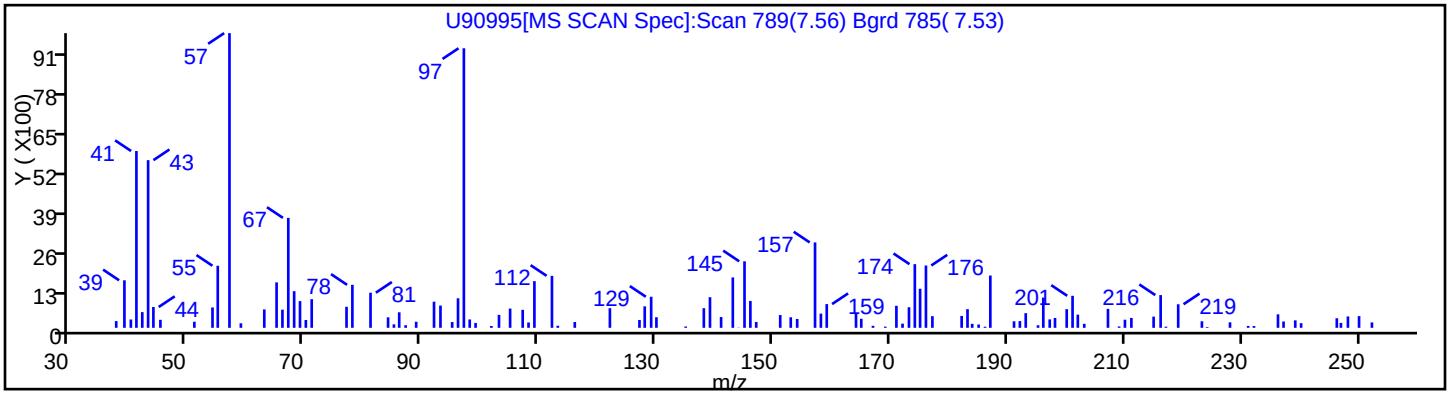


Report Date: 20-Sep-2013 11:18:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90995.D		
Injection Date:	19-Sep-2013 06:40:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

No Library Matches Found above the Threshold: 75



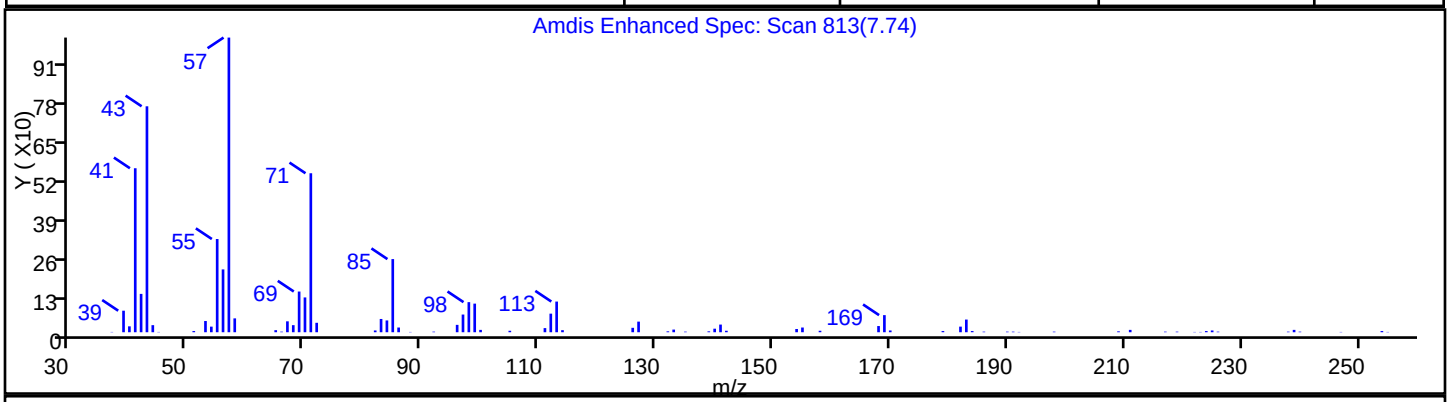
Report Date: 20-Sep-2013 11:18:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

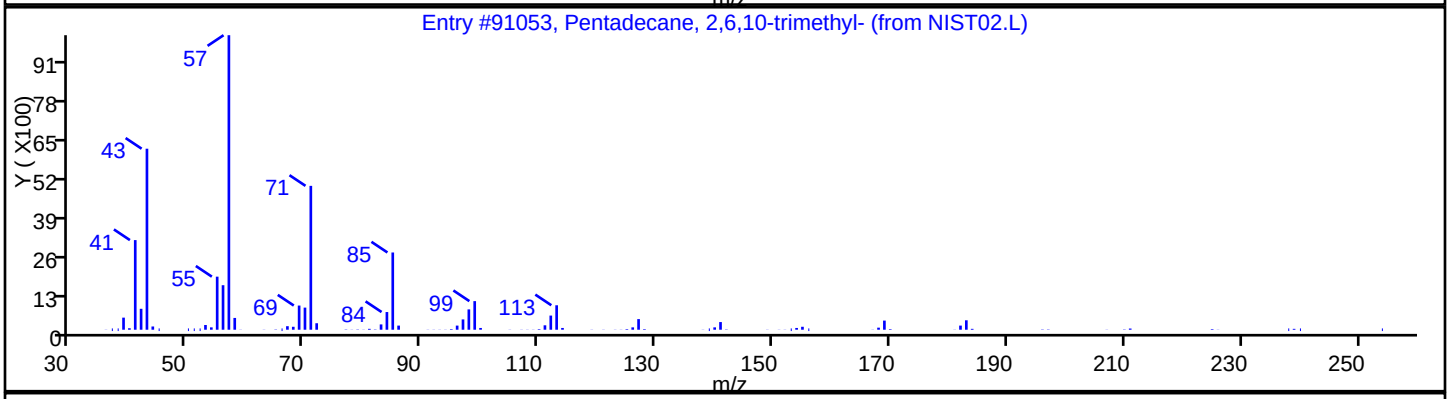
TestAmerica Edison

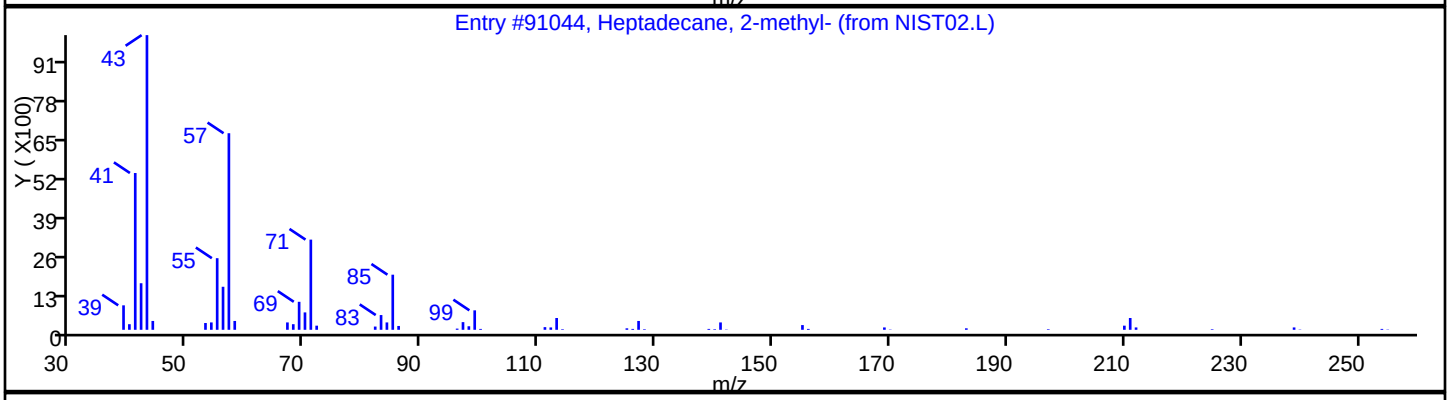
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90995.D

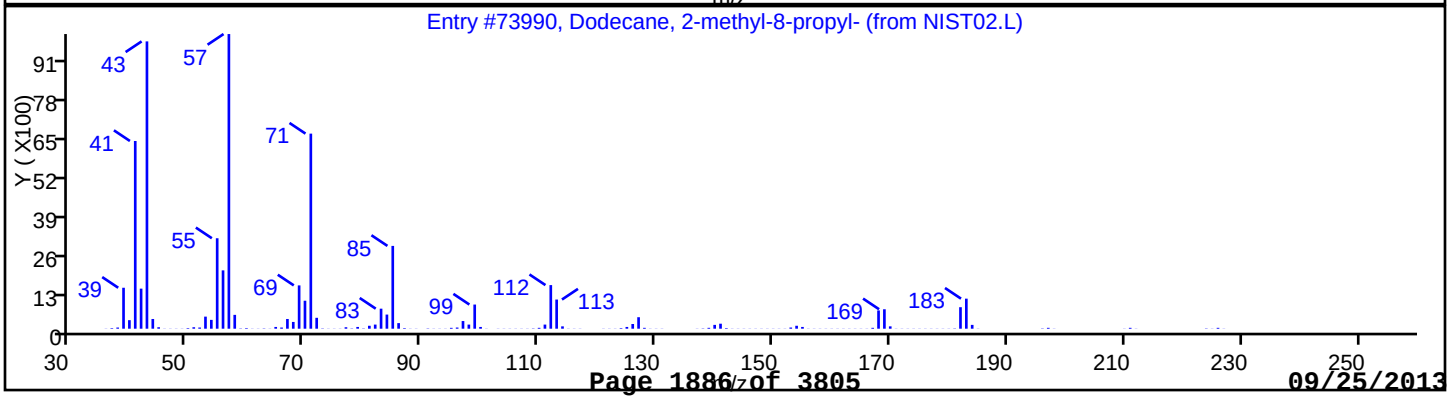
Injection Date:	19-Sep-2013 06:40:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	87
Heptadecane, 2-methyl-	1560-89-0	NIST02.L	91044	87
Dodecane, 2-methyl-8-propyl-	55045-07-3	NIST02.L	73990	76









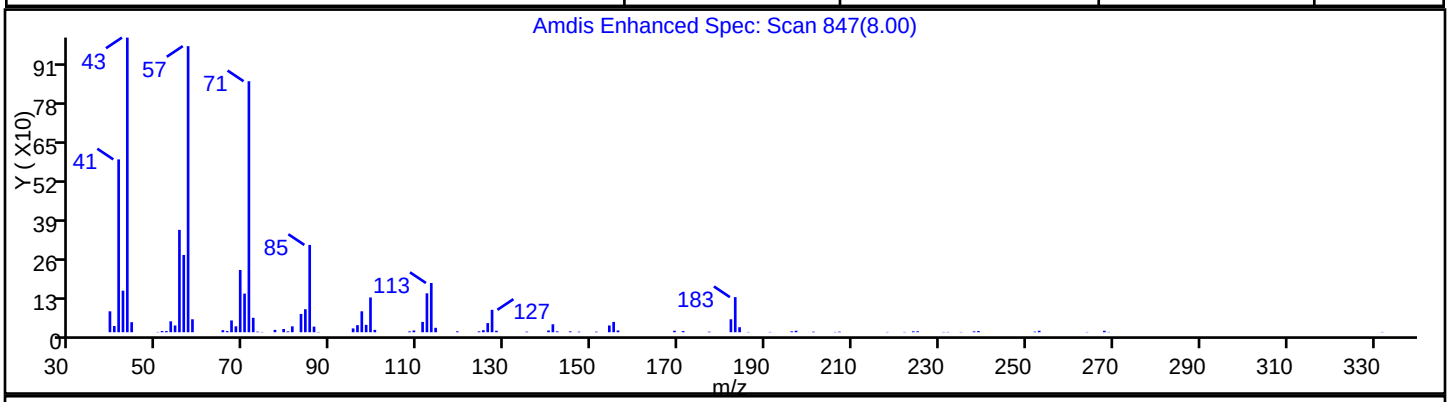
Report Date: 20-Sep-2013 11:18:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

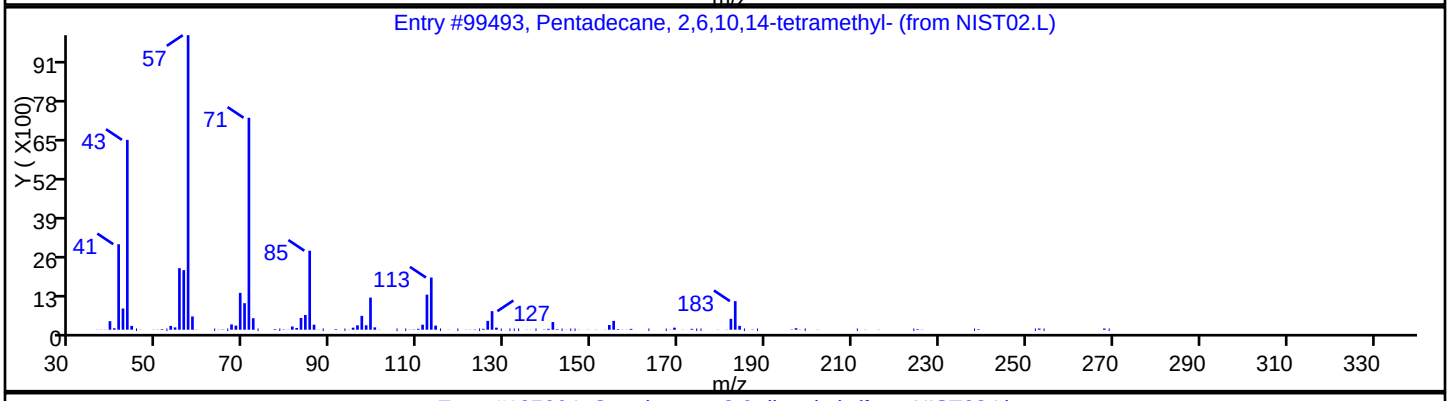
TestAmerica Edison

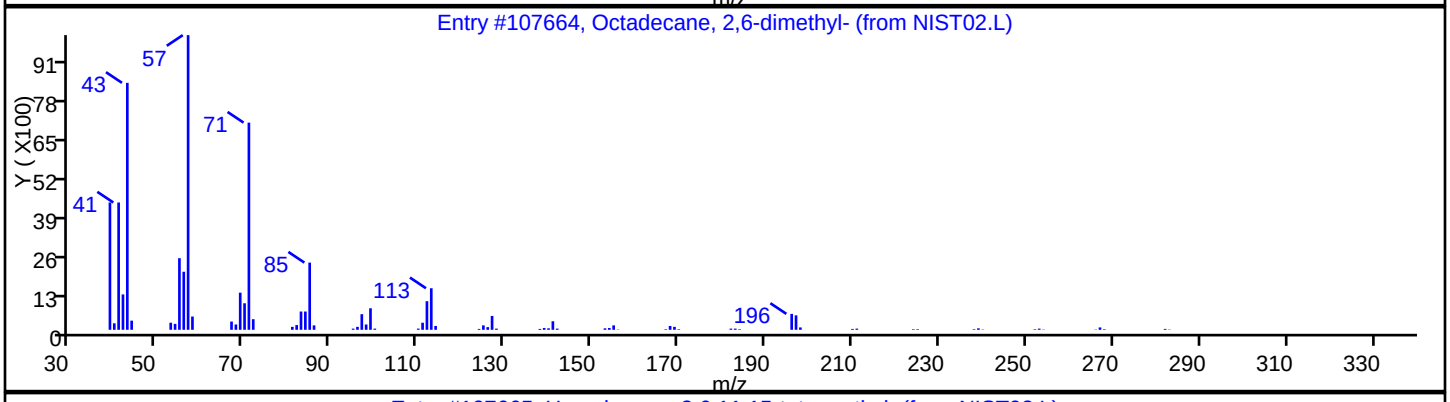
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90995.D

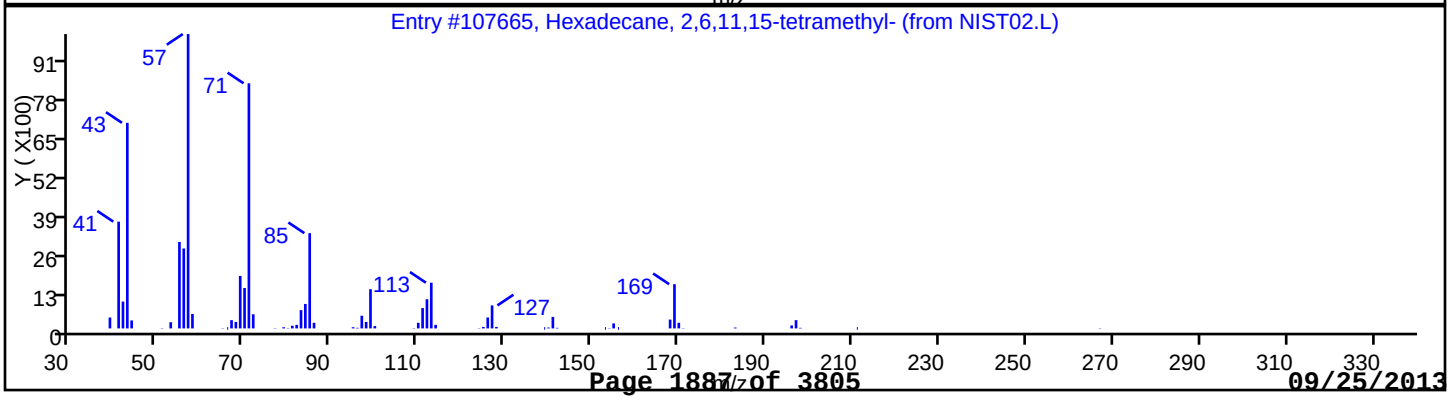
Injection Date:	19-Sep-2013 06:40:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	98
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.L	107664	87
Hexadecane, 2,6,11,15-tetramethyl-	504-44-9	NIST02.L	107665	87









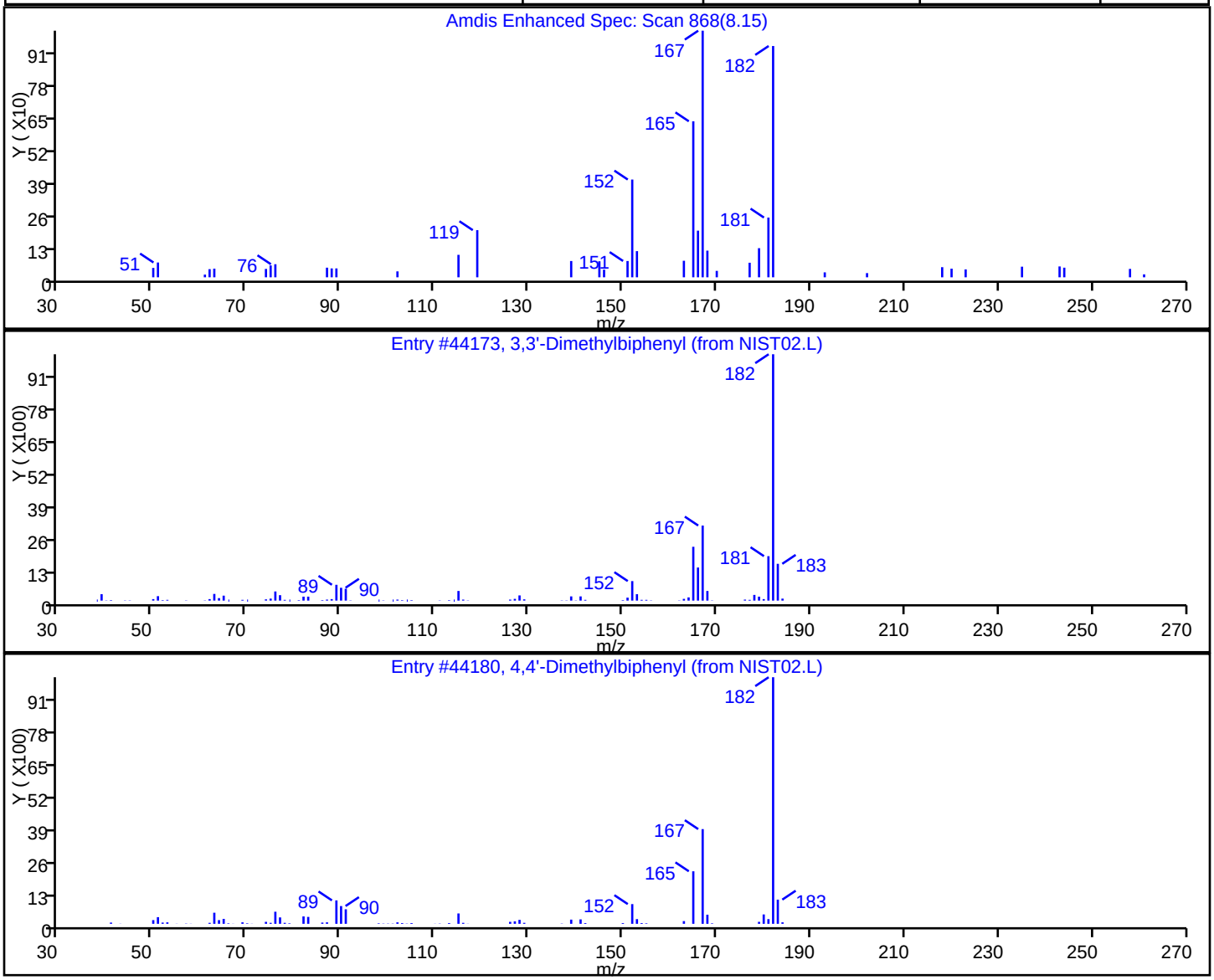
Report Date: 20-Sep-2013 11:18:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90995.D

Injection Date:	19-Sep-2013 06:40:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
3,3'-Dimethylbiphenyl	612-75-9	NIST02.L	44173	83
4,4'-Dimethylbiphenyl	613-33-2	NIST02.L	44180	74



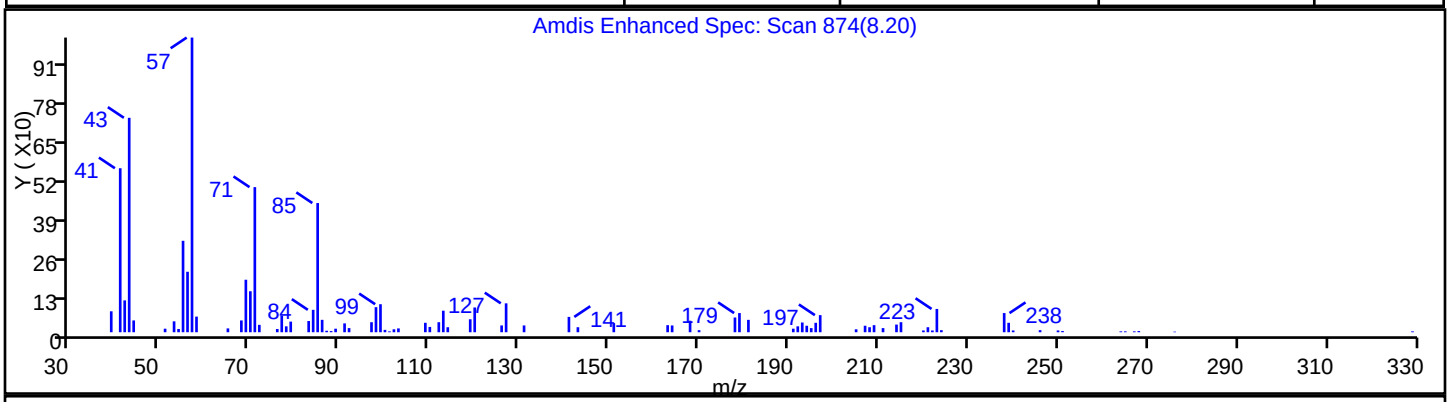
Report Date: 20-Sep-2013 11:18:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

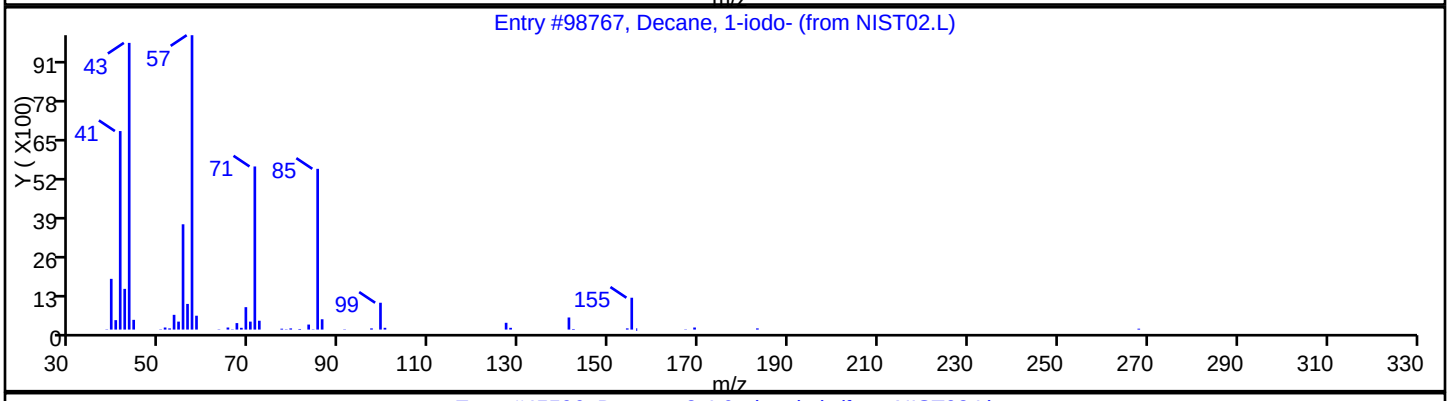
TestAmerica Edison

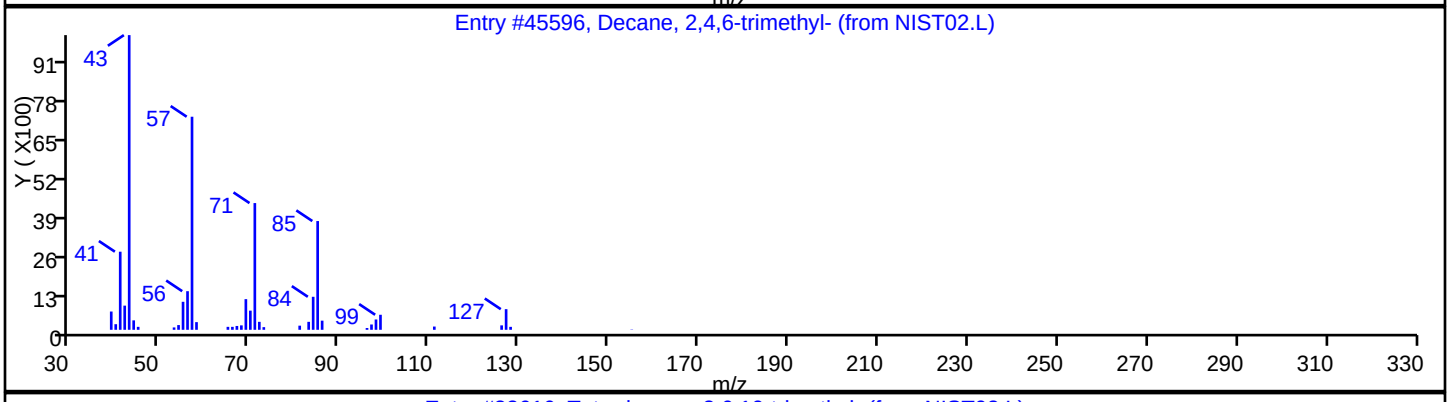
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90995.D

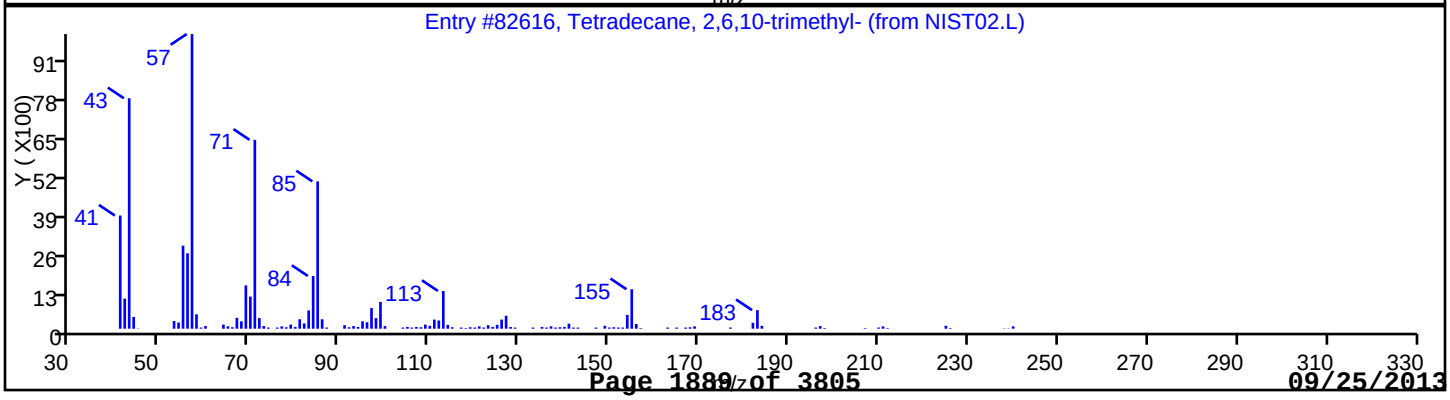
Injection Date:	19-Sep-2013 06:40:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Decane, 1-iodo-	2050-77-3	NIST02.L	98767	96
Decane, 2,4,6-trimethyl-	62108-27-4	NIST02.L	45596	86
Tetradecane, 2,6,10-trimethyl-	14905-56-7	NIST02.L	82616	80









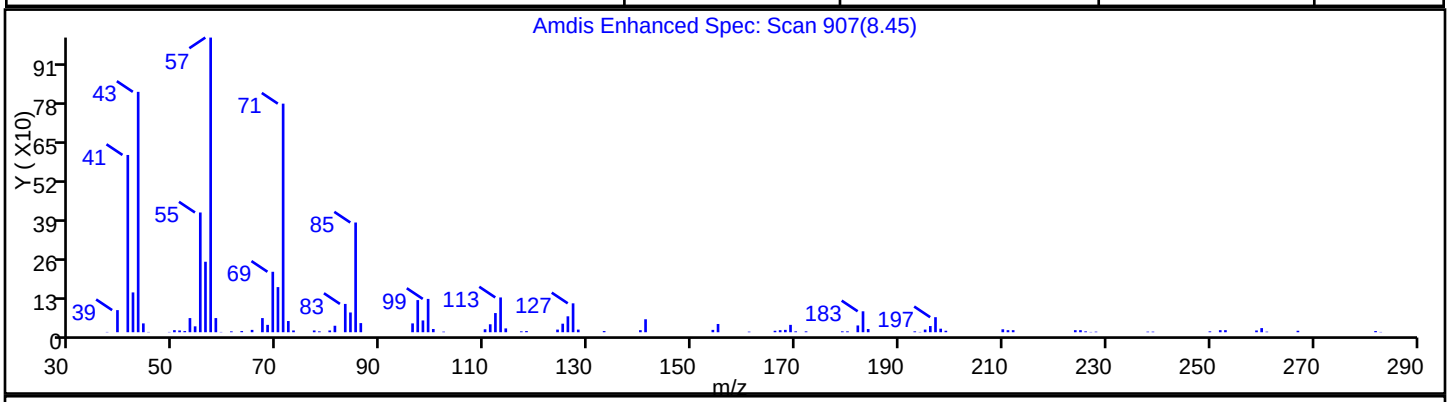
Report Date: 20-Sep-2013 11:18:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

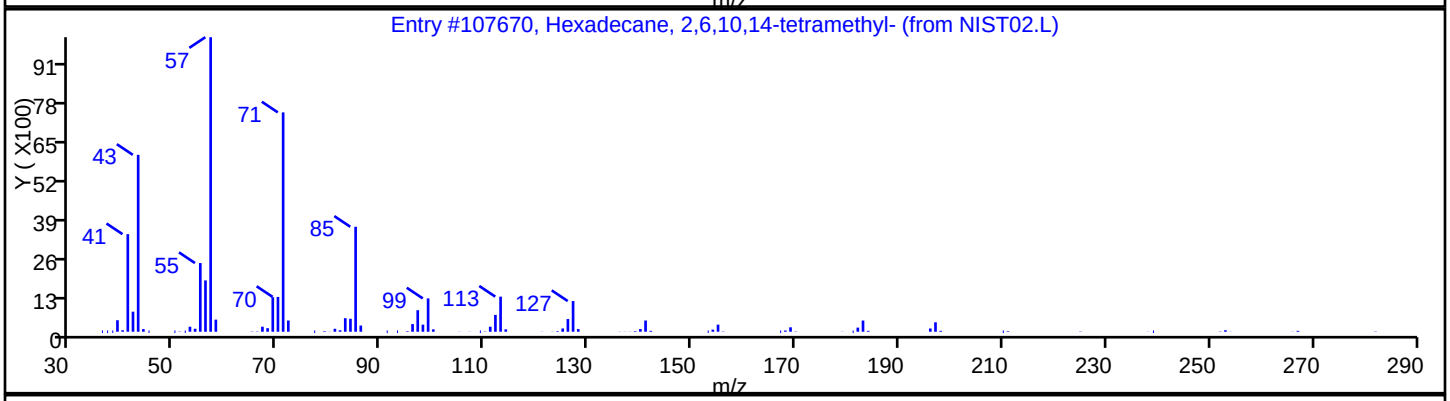
TestAmerica Edison

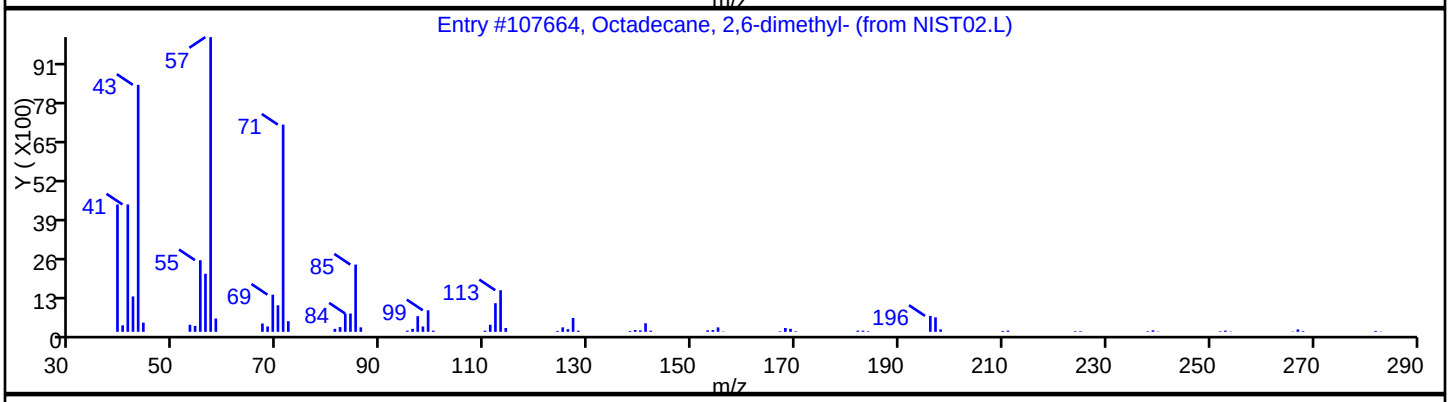
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90995.D

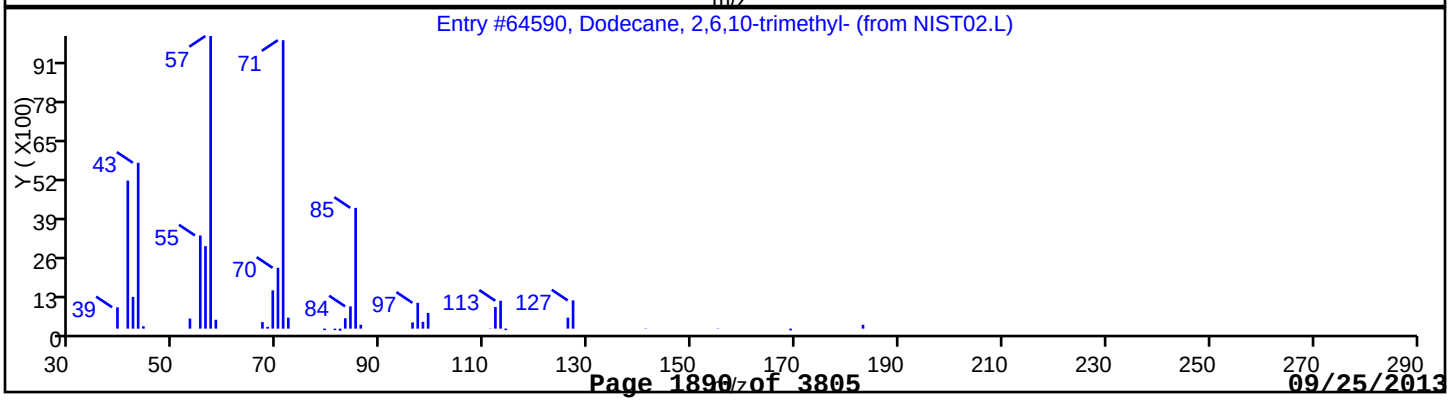
Injection Date:	19-Sep-2013 06:40:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	99
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.L	107664	93
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	91









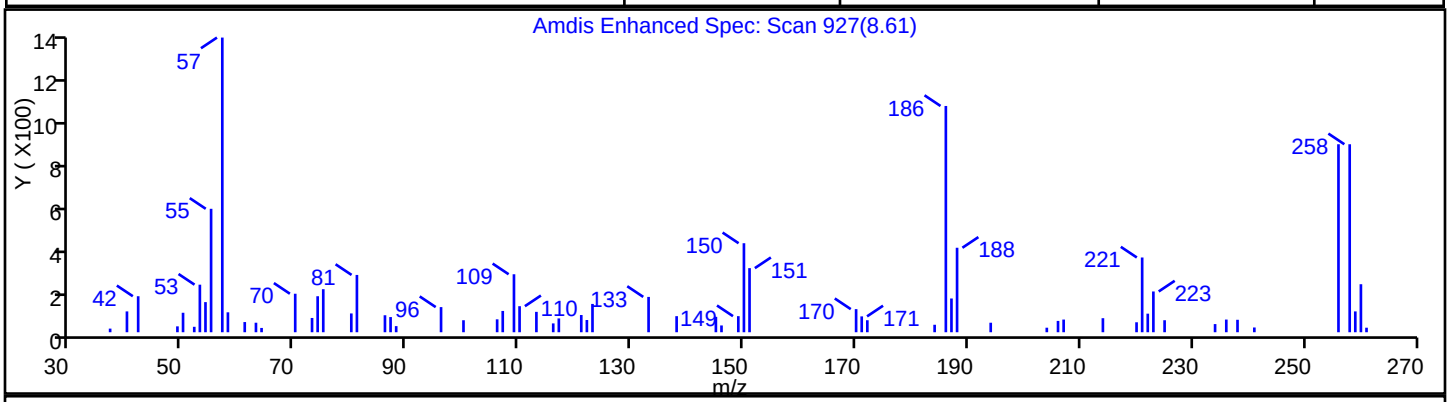
Report Date: 20-Sep-2013 11:18:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

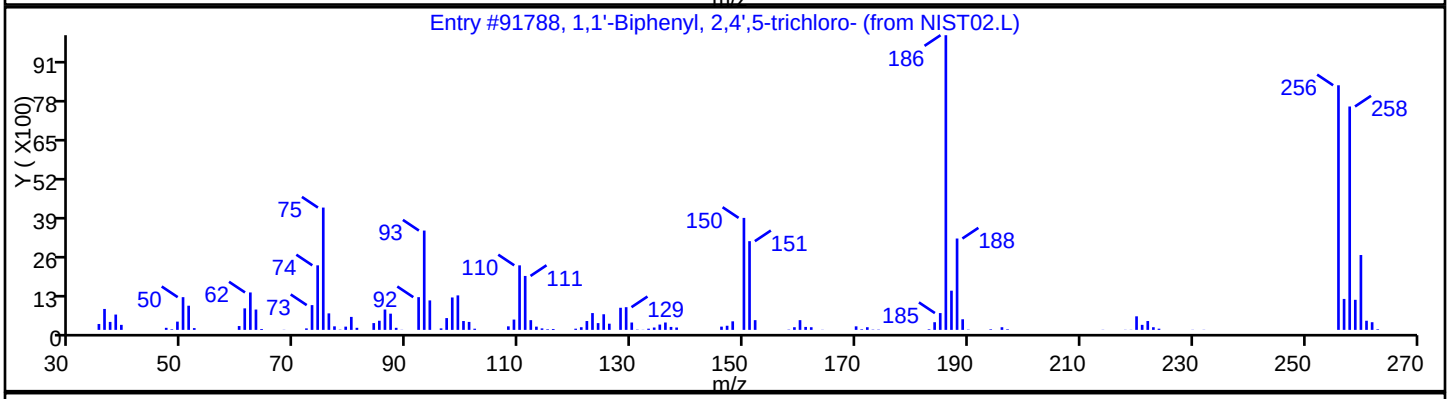
TestAmerica Edison

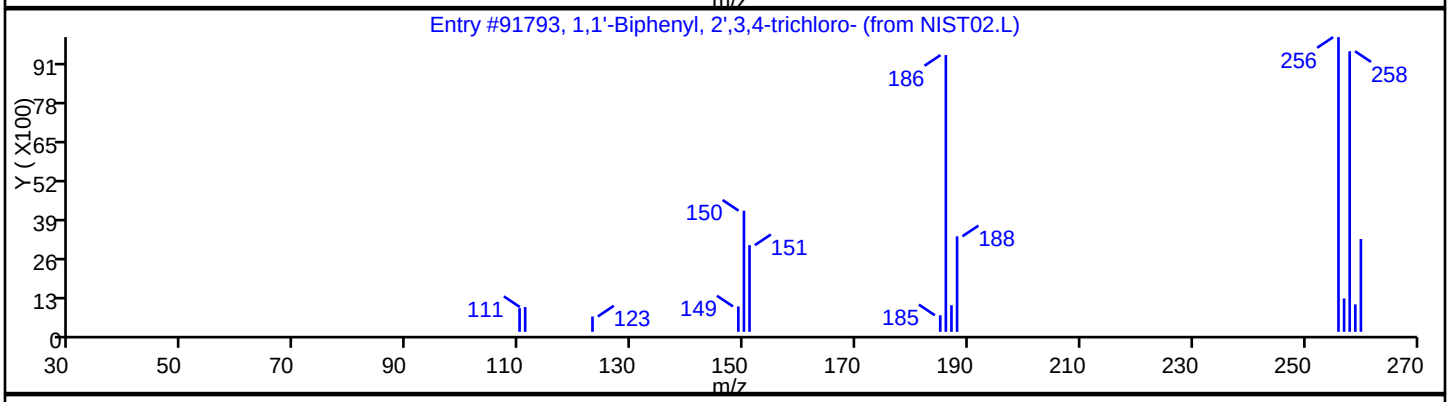
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90995.D

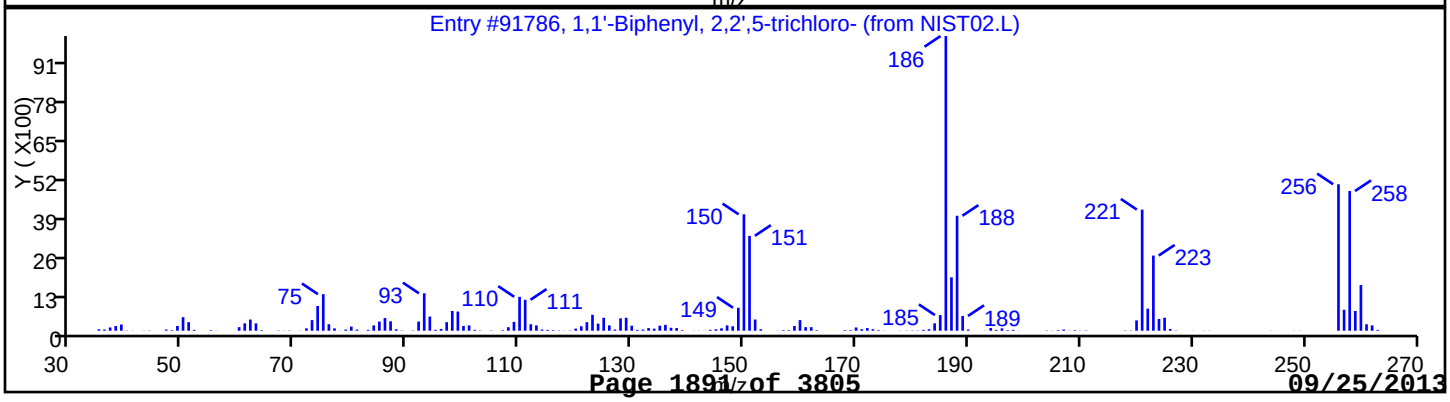
Injection Date:	19-Sep-2013 06:40:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	93
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	93
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.L	91786	90









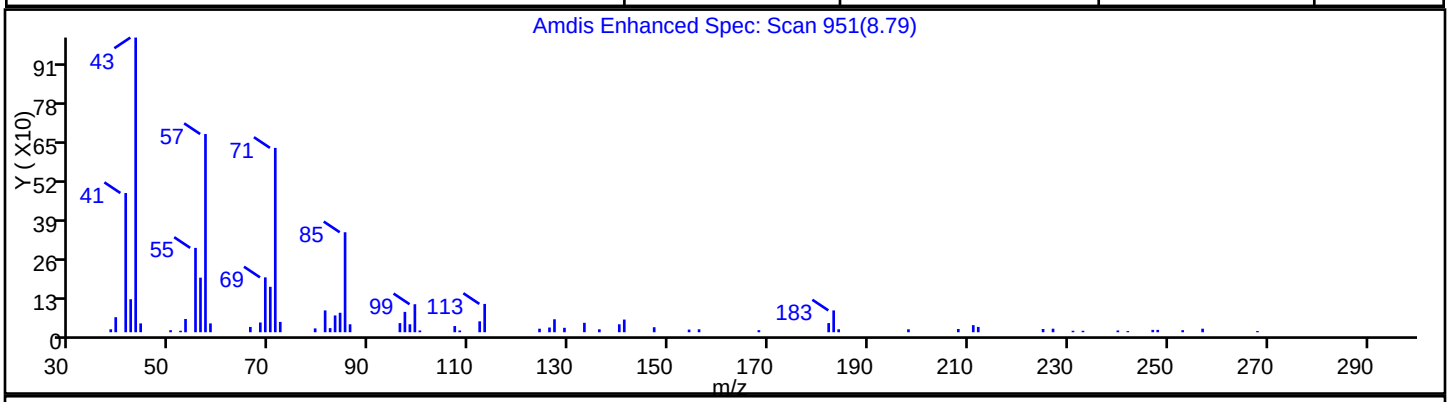
Report Date: 20-Sep-2013 11:18:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

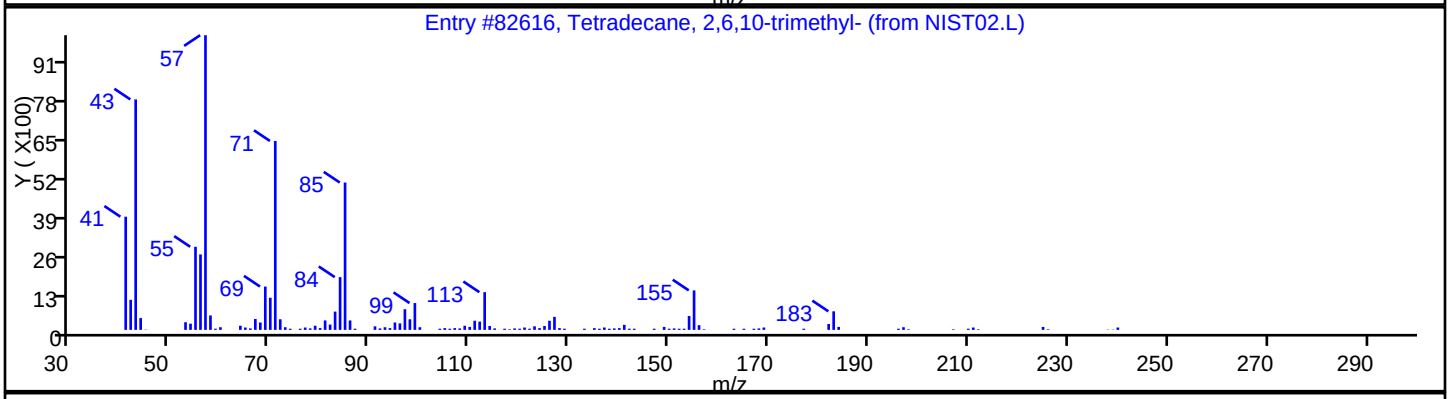
TestAmerica Edison

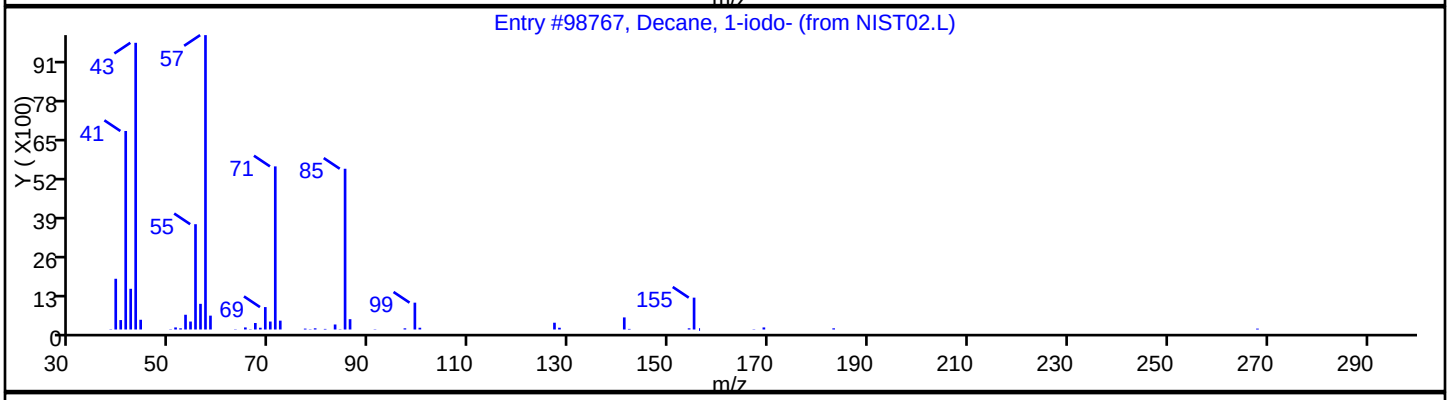
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90995.D

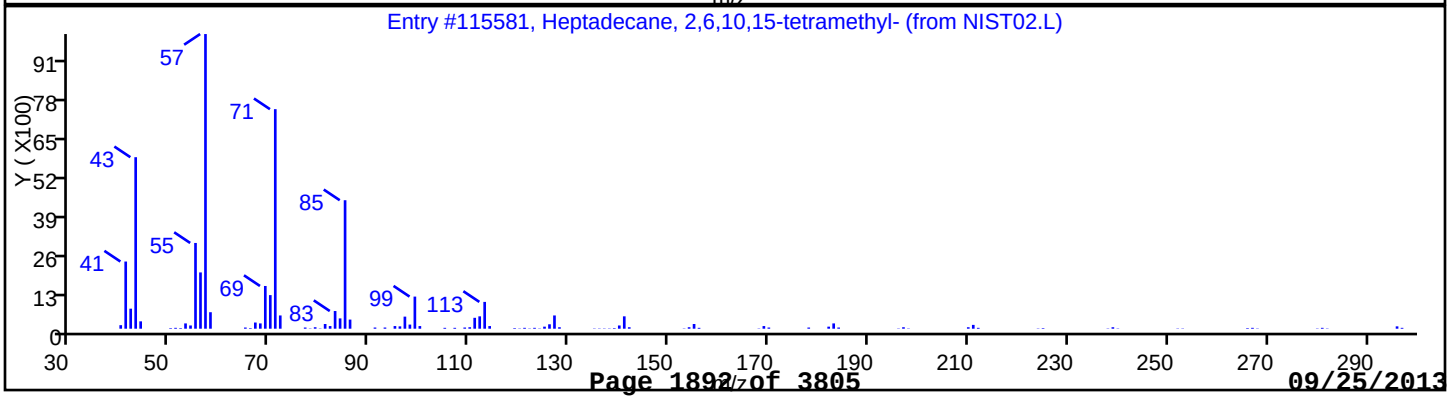
Injection Date:	19-Sep-2013 06:40:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tetradecane, 2,6,10-trimethyl-	14905-56-7	NIST02.L	82616	91
Decane, 1-iodo-	2050-77-3	NIST02.L	98767	87
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	86









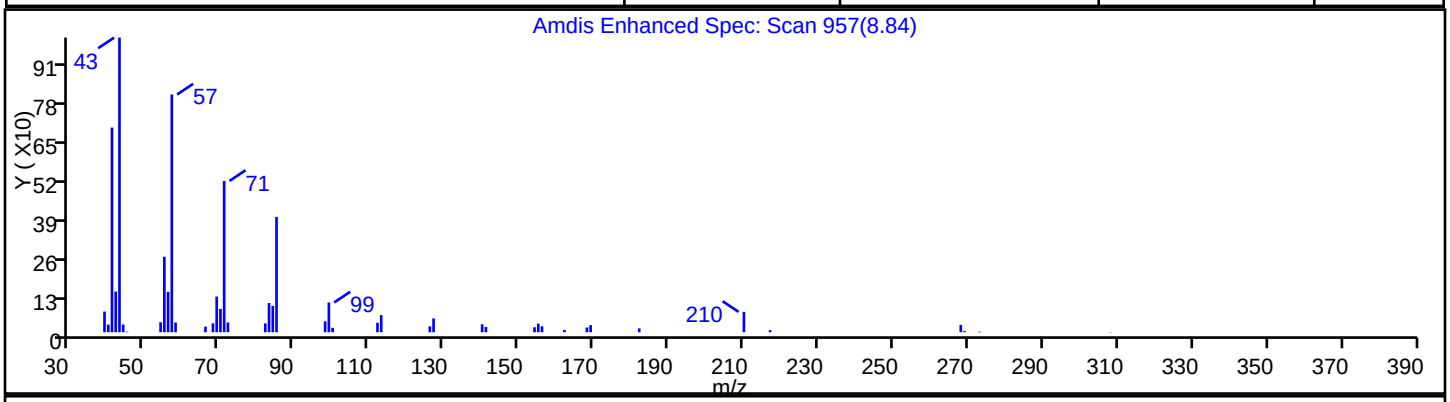
Report Date: 20-Sep-2013 11:18:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

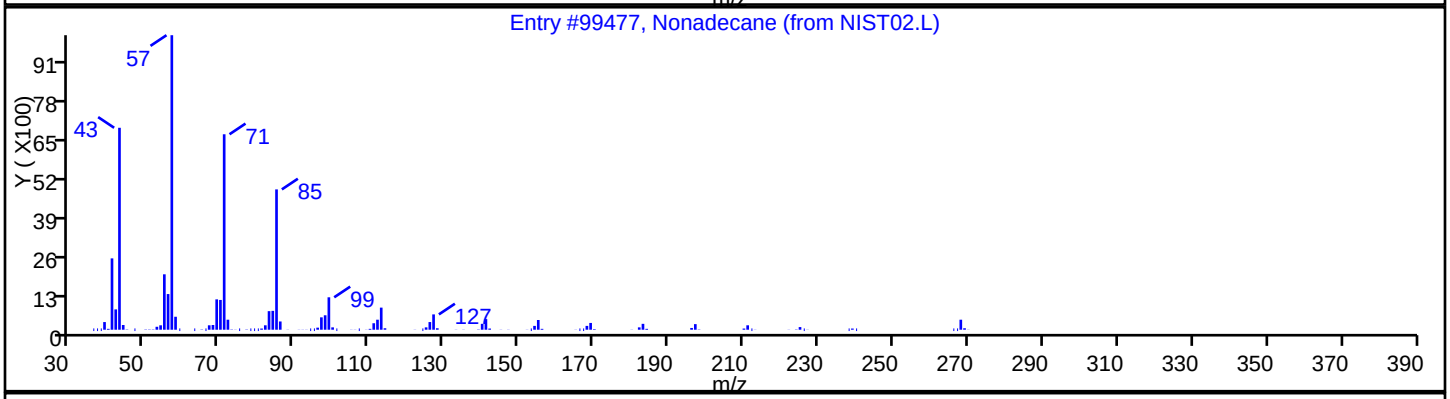
TestAmerica Edison

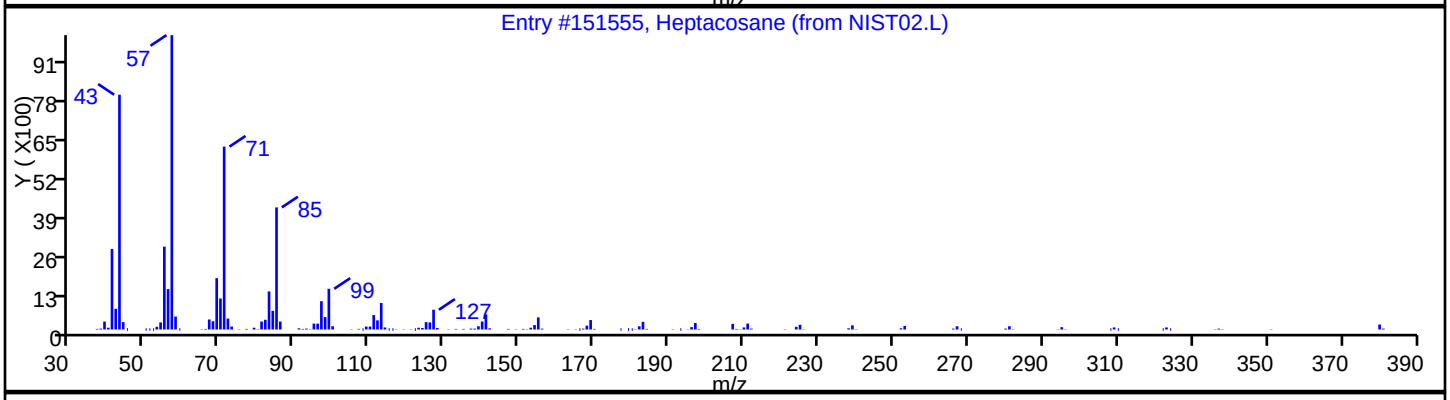
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90995.D

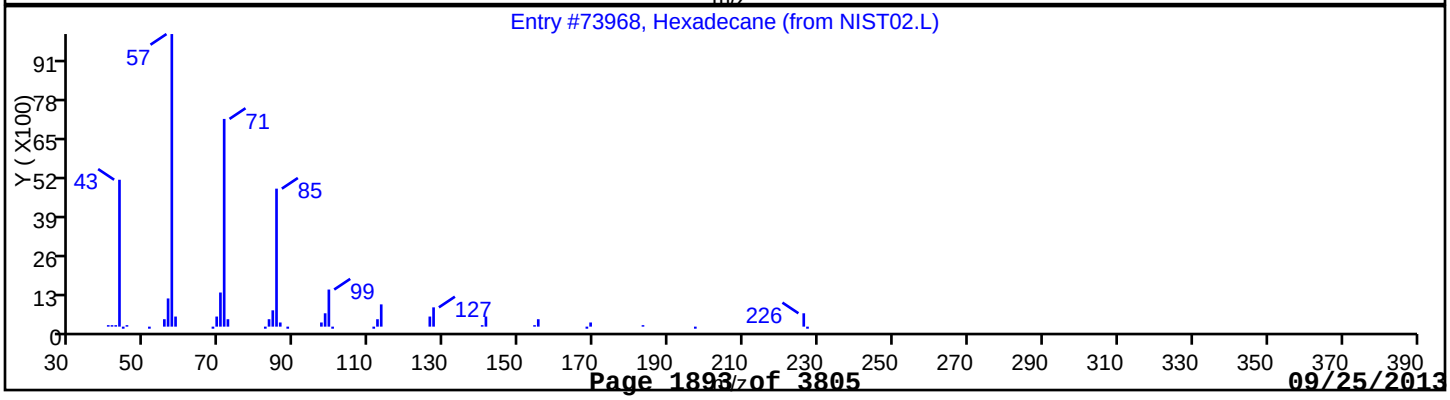
Injection Date:	19-Sep-2013 06:40:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Nonadecane	629-92-5	NIST02.L	99477	93
Heptacosane	593-49-7	NIST02.L	151555	87
Hexadecane	544-76-3	NIST02.L	73968	86









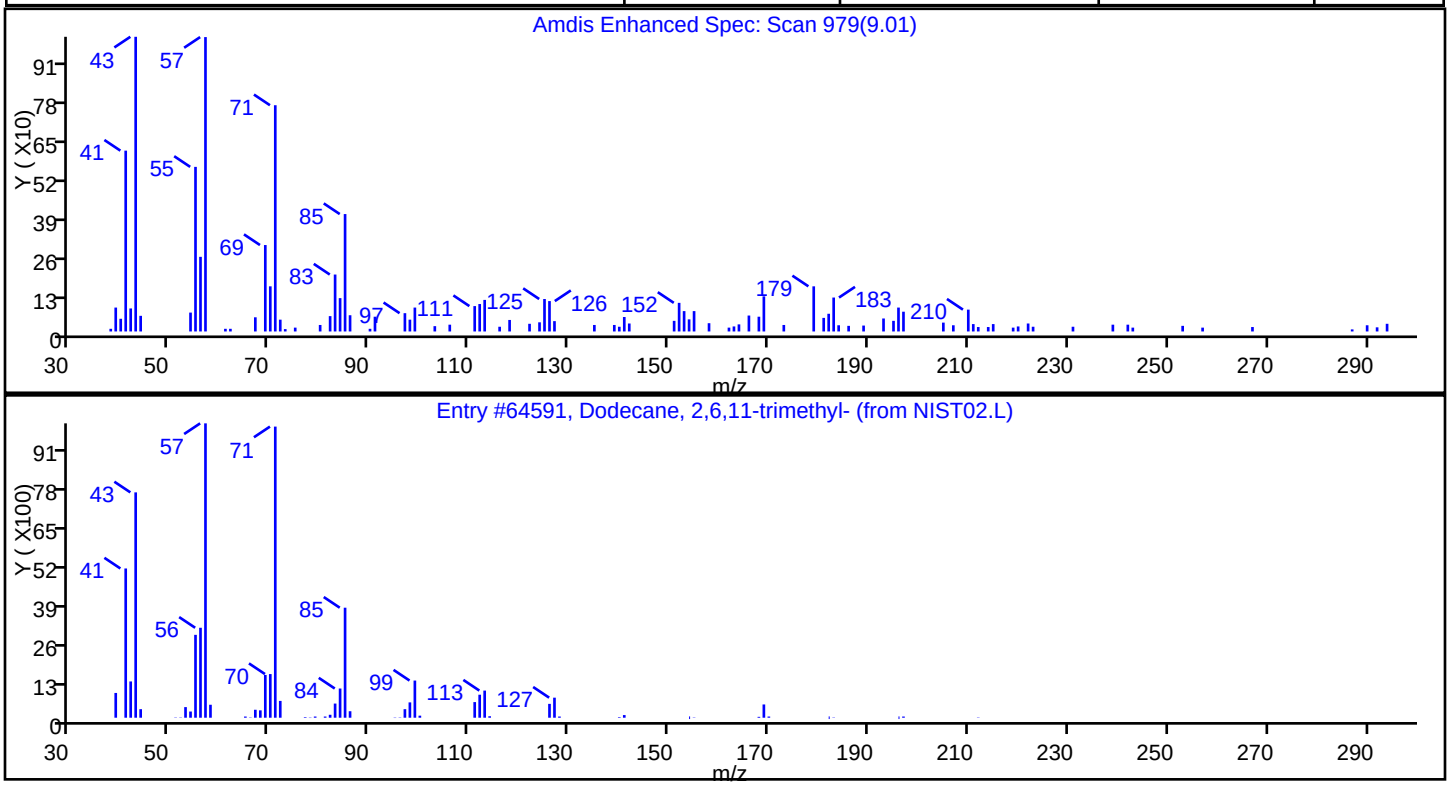
Report Date: 20-Sep-2013 11:18:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90995.D

Injection Date:	19-Sep-2013 06:40:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	78



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-WT | Lab Sample ID: 460-62968-2

Matrix: Solid | Lab File ID: U90996.D

Analysis Method: 8270C | Date Collected: 09/12/2013 08:50

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 07:03

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.: 182070 | 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-WT | Lab Sample ID: 460-62968-2

Matrix: Solid | Lab File ID: U90996.D

Analysis Method: 8270C | Date Collected: 09/12/2013 08:50

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 07:03

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.: 182070 | 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-WT | Lab Sample ID: 460-62968-2

Matrix: Solid | Lab File ID: U90996.D

Analysis Method: 8270C | Date Collected: 09/12/2013 08:50

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 07:03

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.: 182070 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	77		38-105
4165-62-2	Phenol-d5	97		41-118
1718-51-0	Terphenyl-d14	84		16-151
118-79-6	2,4,6-Tribromophenol	110		10-120
367-12-4	2-Fluorophenol	96		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-WT Lab Sample ID: 460-62968-2

Matrix: Solid Lab File ID: U90996.D

Analysis Method: 8270C Date Collected: 09/12/2013 08:50

Extract. Method: 3541 Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 07:03

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.: 182070 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\CBNAMS4\20130919-4790.b\U90996.D		
Lims ID:	460-62968-E-2-B	Client ID:	PMP-27SE-WT
Inject. Date:	19-Sep-2013 07:03:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004790-012		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	12
Lims Batch ID:	182070	Lims Sample ID:	12
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m		
Last Update:	20-Sep-2013 11:16:04	Calib Date:	18-Sep-2013 15:35:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90967.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:	19-Sep-2013 09:07:00

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.746	2.740	0.006	83	527452	95.7	
$ 6 Phenol-d5	99	3.676	3.692	-0.016	54	637543	97.2	
* 13 1,4-Dichlorobenzene-d4	152	4.015	4.023	-0.008	91	196423	40.0	
$ 25 Nitrobenzene-d5	82	4.577	4.588	-0.011	93	426734	38.6	
* 35 Naphthalene-d8	136	5.300	5.310	-0.010	98	758572	40.0	
$ 48 2-Fluorobiphenyl	172	6.386	6.398	-0.012	96	714738	37.2	
* 61 Acenaphthene-d10	164	7.046	7.057	-0.011	92	544530	40.0	
$ 76 2,4,6-Tribromophenol	330	7.827	7.832	-0.005	89	554991	109.7	
* 83 Phenanthrene-d10	188	8.498	8.510	-0.012	97	1225145	40.0	
87 Di-n-butyl phthalate	149	9.082	9.094	-0.012	96	12712	0.3171	
$ 91 Terphenyl-d14	244	10.065	10.069	-0.004	98	1584969	42.0	
* 96 Chrysene-d12	240	11.174	11.193	-0.019	97	1454656	40.0	
98 Bis(2-ethylhexyl) phthalate	149	11.214	11.232	-0.018	70	6347	0.2474	
* 103 Perylene-d12	264	13.001	13.017	-0.016	97	1207741	40.0	

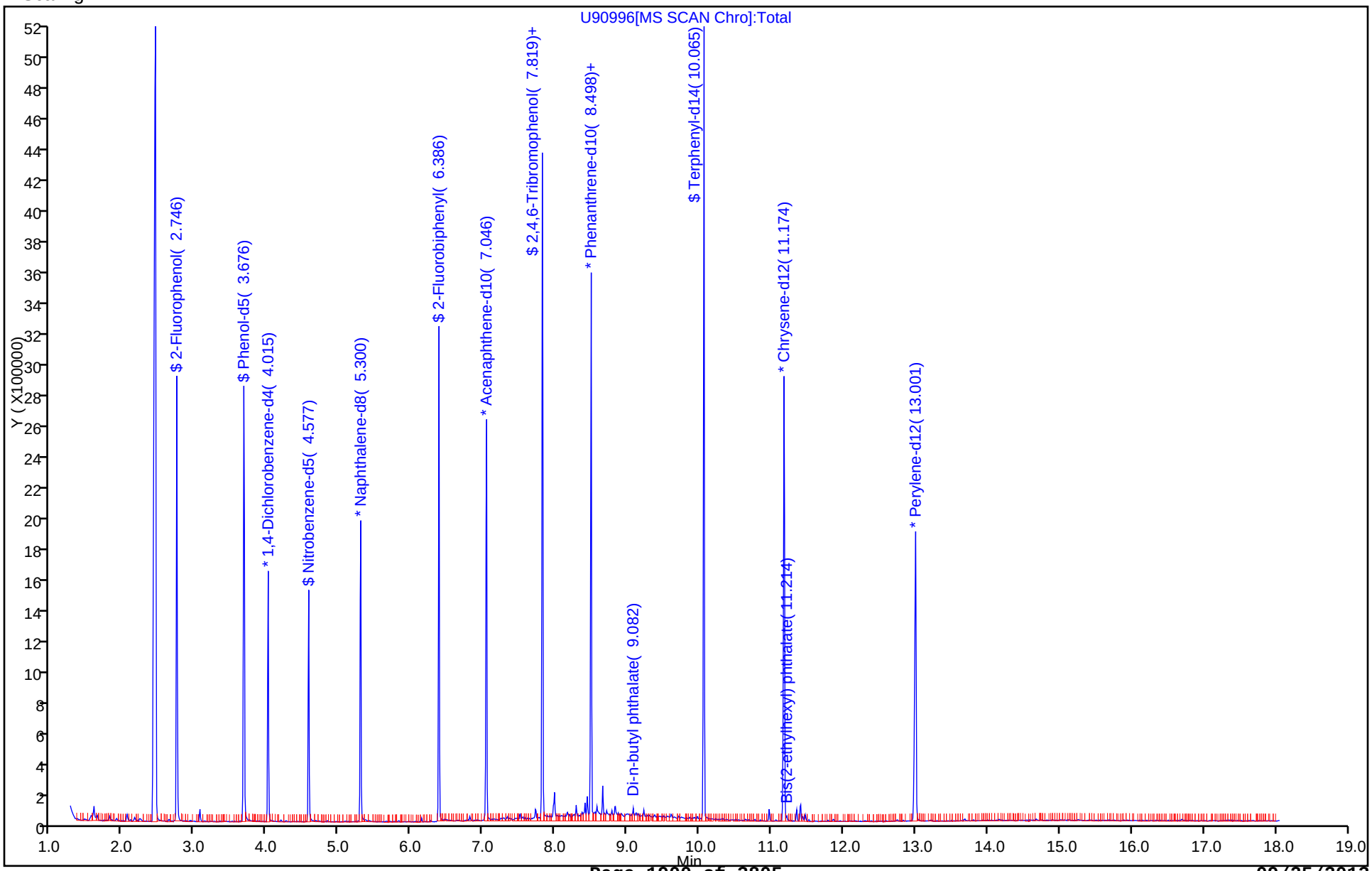
Report Date: 20-Sep-2013 11:18:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90996.D

Injection Date:	19-Sep-2013 07:03:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SI | Lab Sample ID: 460-62968-3

Matrix: Solid | Lab File ID: U90997.D

Analysis Method: 8270C | Date Collected: 09/12/2013 08:55

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 07:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SI | Lab Sample ID: 460-62968-3

Matrix: Solid | Lab File ID: U90997.D

Analysis Method: 8270C | Date Collected: 09/12/2013 08:55

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 07:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SI | Lab Sample ID: 460-62968-3

Matrix: Solid | Lab File ID: U90997.D

Analysis Method: 8270C | Date Collected: 09/12/2013 08:55

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 07:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	70		38-105
4165-62-2	Phenol-d5	90		41-118
1718-51-0	Terphenyl-d14	74		16-151
118-79-6	2,4,6-Tribromophenol	89		10-120
367-12-4	2-Fluorophenol	95		37-125
321-60-8	2-Fluorobiphenyl	67		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SI | Lab Sample ID: 460-62968-3

Matrix: Solid | Lab File ID: U90997.D

Analysis Method: 8270C | Date Collected: 09/12/2013 08:55

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 07:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | Units: ug/Kg

Number TICs Found: 2 | TIC Result Total: 1080

CAS NO.	COMPOUND NAME	RT	RESULT	Q
504-44-9	Hexadecane, 2,6,11,15-tetramethyl-	7.99	700	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.45	380	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90997.D		
Lims ID:	460-62968-E-3-B	Client ID:	PMP-27SE-SI
Inject. Date:	19-Sep-2013 07:26:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004790-013		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	13
Lims Batch ID:	182070	Lims Sample ID:	13
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m		
Last Update:	20-Sep-2013 11:16:04	Calib Date:	18-Sep-2013 15:35:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90967.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:	19-Sep-2013 09:09:28

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.749	2.740	0.009	83	649713	94.7	
$ 6 Phenol-d5	99	3.681	3.692	-0.011	53	738961	90.5	
* 13 1,4-Dichlorobenzene-d4	152	4.010	4.023	-0.013	92	244424	40.0	
$ 25 Nitrobenzene-d5	82	4.574	4.588	-0.014	93	509019	35.2	
* 35 Naphthalene-d8	136	5.295	5.310	-0.015	97	994432	40.0	
$ 48 2-Fluorobiphenyl	172	6.386	6.398	-0.012	96	851957	33.6	
* 61 Acenaphthene-d10	164	7.046	7.057	-0.011	90	717453	40.0	
69 Diethyl phthalate	149	7.480	7.502	-0.022	50	2171	0.0795	
$ 76 2,4,6-Tribromophenol	330	7.824	7.832	-0.008	89	594066	89.1	
* 83 Phenanthrene-d10	188	8.498	8.510	-0.012	97	1358505	40.0	
87 Di-n-butyl phthalate	149	9.083	9.094	-0.011	81	14781	0.3325	
$ 91 Terphenyl-d14	244	10.065	10.069	-0.004	98	1548506	36.9	
* 96 Chrysene-d12	240	11.181	11.193	-0.013	97	1618065	40.0	
98 Bis(2-ethylhexyl) phthalate	149	11.211	11.232	-0.021	36	4543	0.1592	
* 103 Perylene-d12	264	13.005	13.017	-0.012	97	1370588	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90997.D		
Lims ID:	460-62968-E-3-B	Client ID:	PMP-27SE-SI
Inject. Date:	19-Sep-2013 07:26:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004790-013		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	13
Lims Batch ID:	182070	Lims Sample ID:	13
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m		
Last Update:	20-Sep-2013 11:16:04	Calib Date:	18-Sep-2013 15:35:30
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: asfawa		Date:	19-Sep-2013 09:09:28

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
504-44-9 Hexadecane, 2,6,11,15-tetramethyl-						
7.990	808702	9.01	83	91	107665	
638-36-8 Hexadecane, 2,6,10,14-tetramethyl-						
8.445	436266	4.86	83	98	107670	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 83 Phenanthrene-d10	8.498	3589863	40.0

QC Flag Legend

Processing Flags

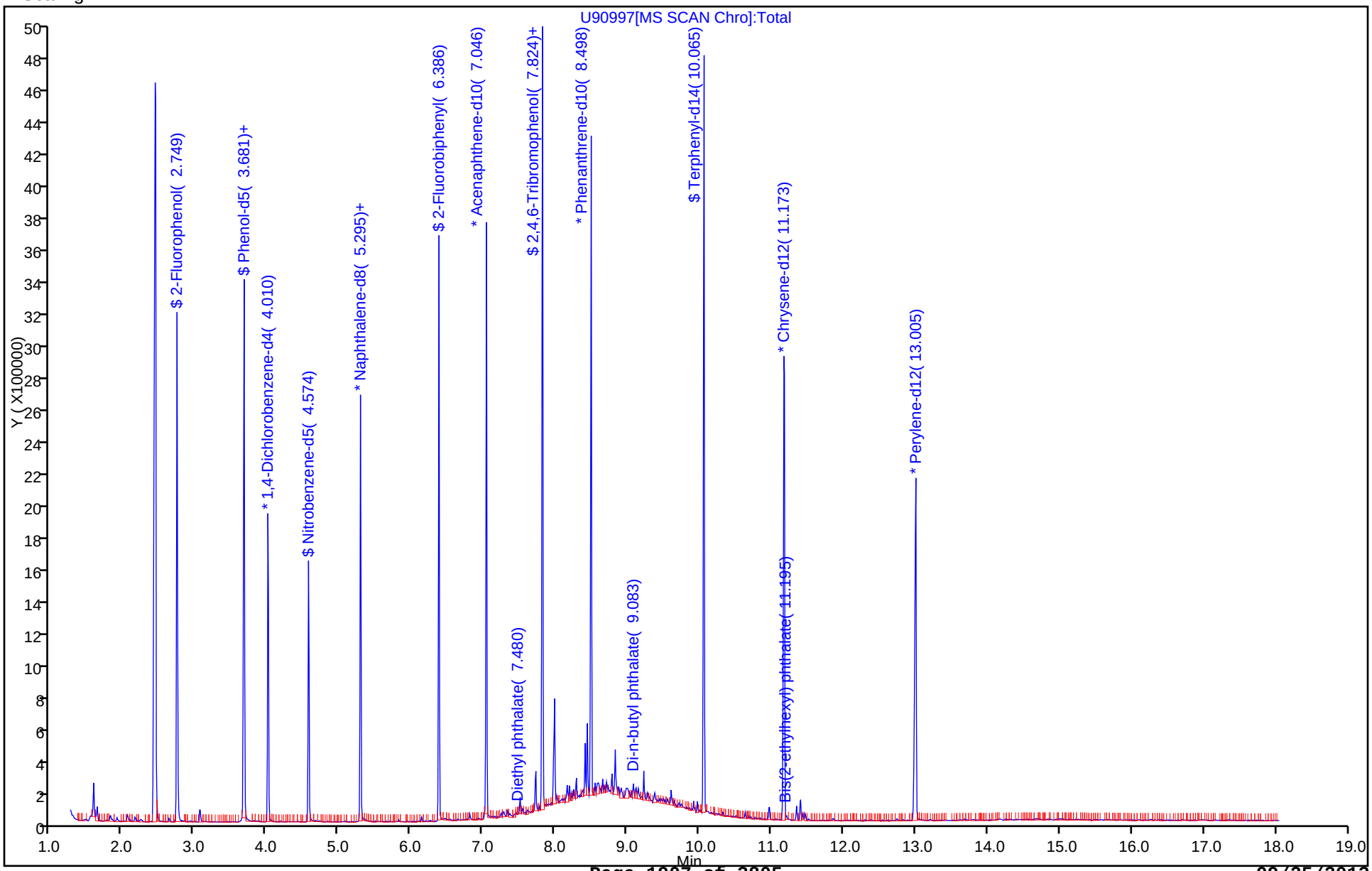
Report Date: 20-Sep-2013 11:18:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90997.D

Injection Date:	19-Sep-2013 07:26:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Y Scaling:



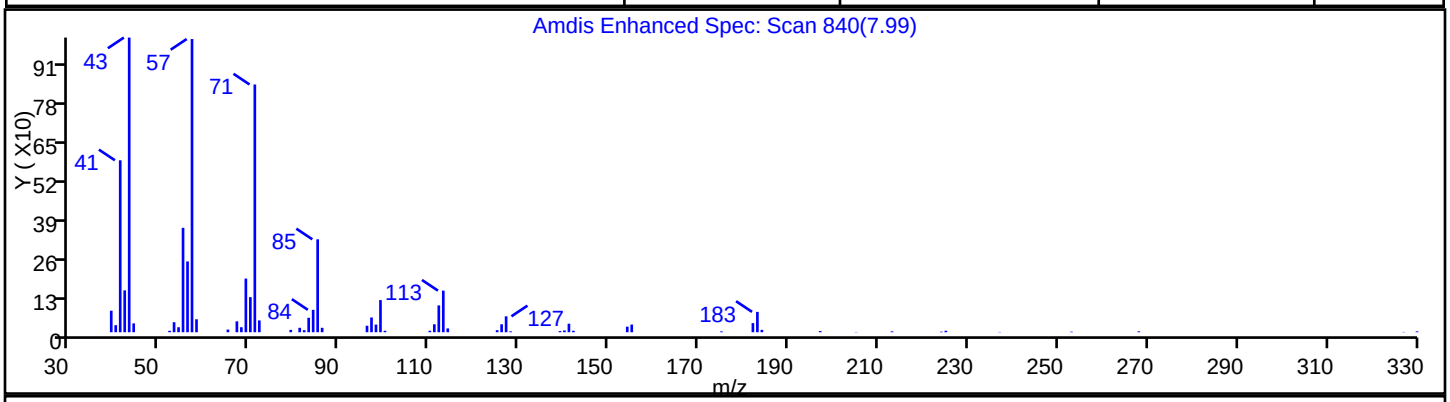
Report Date: 20-Sep-2013 11:18:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50

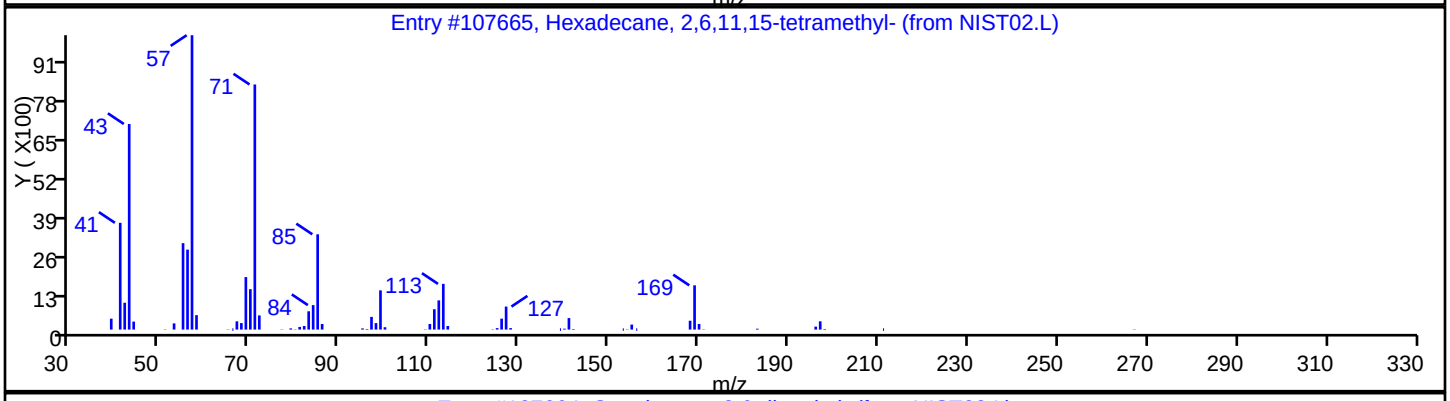
TestAmerica Edison

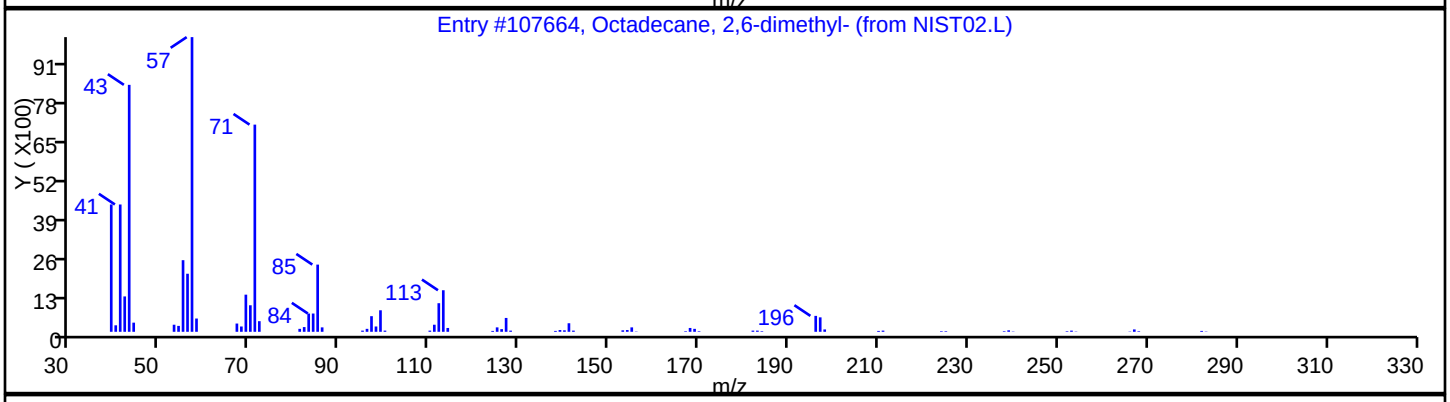
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90997.D

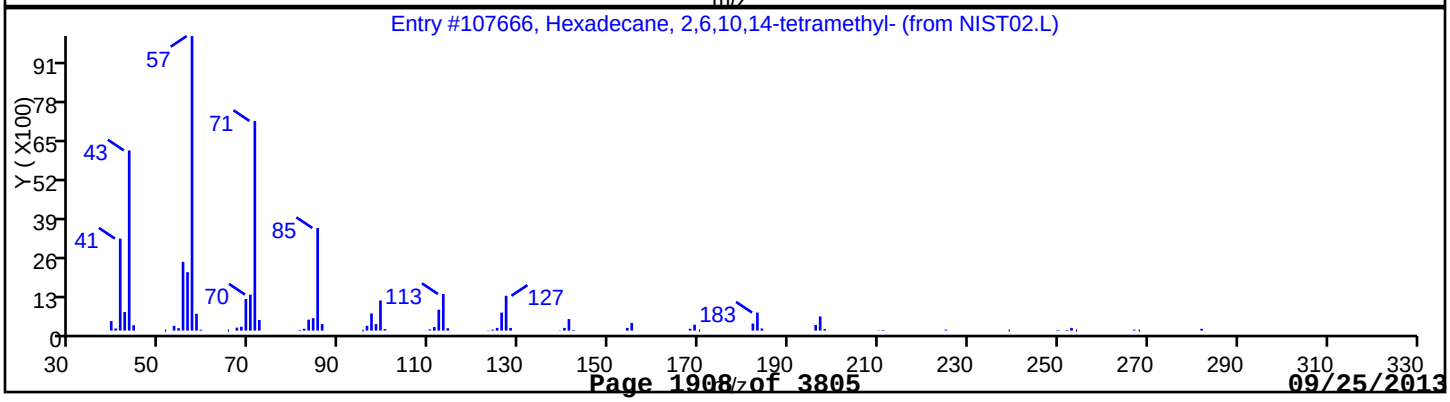
Injection Date:	19-Sep-2013 07:26:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane, 2,6,11,15-tetramethyl-	504-44-9	NIST02.L	107665	91
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.L	107664	91
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107666	90









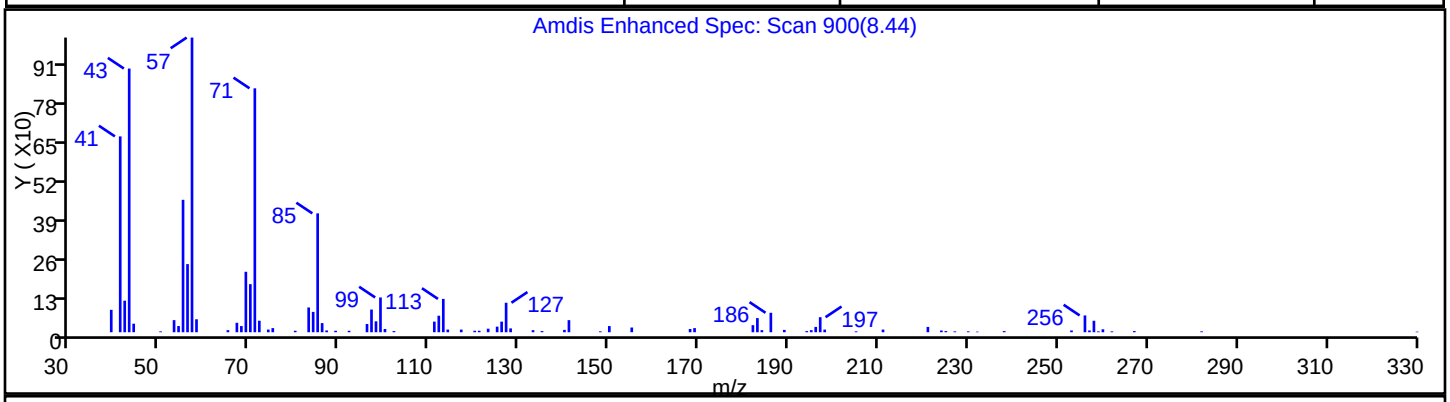
Report Date: 20-Sep-2013 11:18:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50

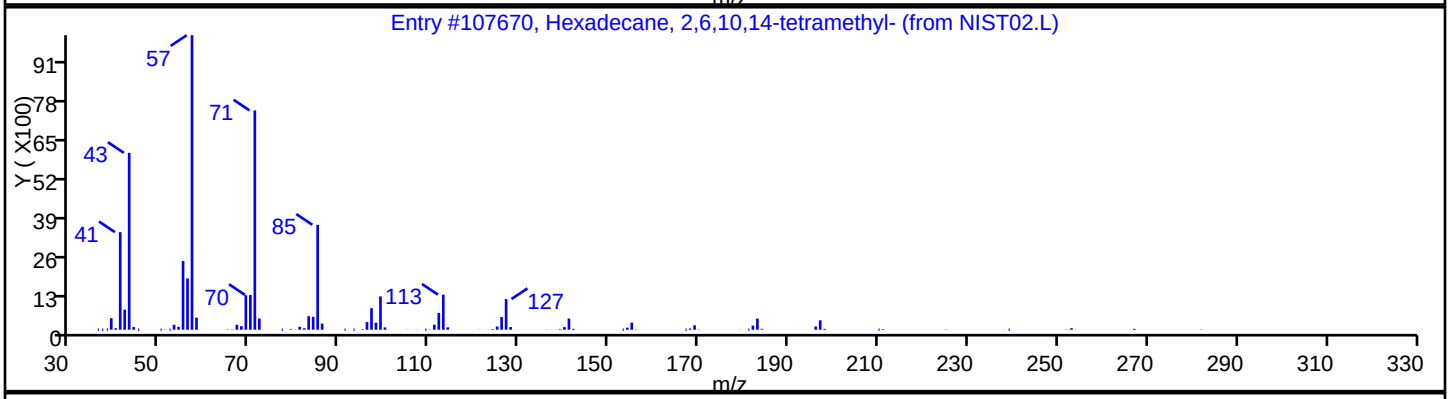
TestAmerica Edison

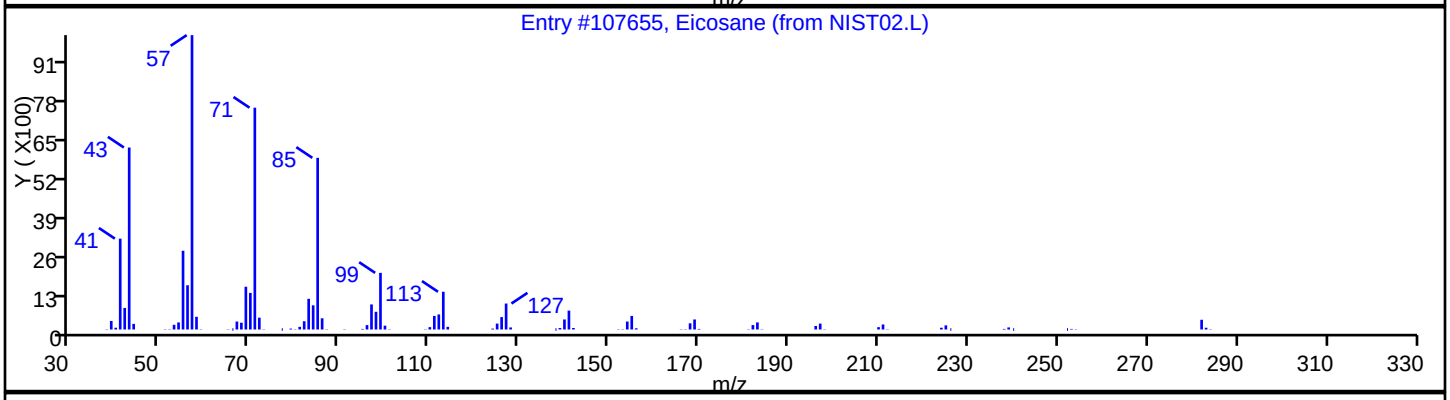
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90997.D

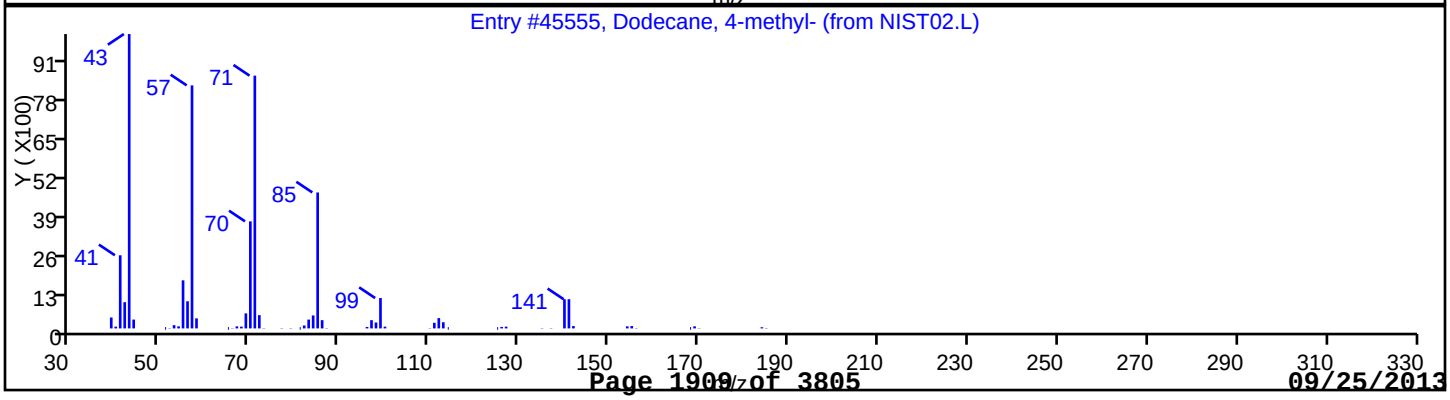
Injection Date:	19-Sep-2013 07:26:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	98
Eicosane	112-95-8	NIST02.L	107655	90
Dodecane, 4-methyl-	6117-97-1	NIST02.L	45555	89









FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SD | Lab Sample ID: 460-62968-4

Matrix: Solid | Lab File ID: U91021.D

Analysis Method: 8270C | Date Collected: 09/12/2013 09:00

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 18:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	230	U	1700	230
95-57-8	2-Chlorophenol	230	U	1700	230
95-48-7	2-Methylphenol	300	U	1700	300
106-44-5	4-Methylphenol	340	U	1700	340
100-52-7	Benzaldehyde	210	U	1700	210
98-86-2	Acetophenone	270	U	1700	270
111-44-4	Bis(2-chloroethyl)ether	24	U	170	24
108-60-1	2,2'-oxybis[1-chloropropane]	190	U	1700	190
621-64-7	N-Nitrosodi-n-propylamine	29	U	170	29
98-95-3	Nitrobenzene	25	U	170	25
67-72-1	Hexachloroethane	19	U	170	19
78-59-1	Isophorone	210	U	1700	210
88-75-5	2-Nitrophenol	190	U	1700	190
105-67-9	2,4-Dimethylphenol	430	U	1700	430
120-83-2	2,4-Dichlorophenol	260	U	1700	260
111-91-1	Bis(2-chloroethoxy)methane	230	U	1700	230
91-20-3	Naphthalene	200	U	1700	200
106-47-8	4-Chloroaniline	460	U	1700	460
87-68-3	Hexachlorobutadiene	43	U	350	43
105-60-2	Caprolactam	400	U	1700	400
59-50-7	4-Chloro-3-methylphenol	260	U	1700	260
91-57-6	2-Methylnaphthalene	220	U	1700	220
118-74-1	Hexachlorobenzene	24	U	170	24
77-47-4	Hexachlorocyclopentadiene	210	U	1700	210
88-06-2	2,4,6-Trichlorophenol	200	U	1700	200
95-95-4	2,4,5-Trichlorophenol	230	U	1700	230
92-52-4	Diphenyl	230	U	1700	230
91-58-7	2-Chloronaphthalene	190	U	1700	190
88-74-4	2-Nitroaniline	730	U	3500	730
606-20-2	2,6-Dinitrotoluene	53	U	350	53
131-11-3	Dimethyl phthalate	210	U	1700	210
208-96-8	Acenaphthylene	210	U	1700	210
99-09-2	3-Nitroaniline	620	U	3500	620
83-32-9	Acenaphthene	250	U	1700	250

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SD | Lab Sample ID: 460-62968-4

Matrix: Solid | Lab File ID: U91021.D

Analysis Method: 8270C | Date Collected: 09/12/2013 09:00

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 18:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	5300	1100
51-28-5	2,4-Dinitrophenol	990	U	5300	990
132-64-9	Dibenzofuran	200	U	1700	200
84-66-2	Diethyl phthalate	210	U	1700	210
86-73-7	Fluorene	220	U	1700	220
206-44-0	Fluoranthene	230	U	1700	230
84-74-2	Di-n-butyl phthalate	220	U	1700	220
121-14-2	2,4-Dinitrotoluene	58	U	350	58
7005-72-3	4-Chlorophenyl phenyl ether	200	U	1700	200
100-01-6	4-Nitroaniline	540	U	3500	540
534-52-1	4,6-Dinitro-2-methylphenol	480	U	5300	480
101-55-3	4-Bromophenyl phenyl ether	170	U	1700	170
1912-24-9	Atrazine	270	U	1700	270
120-12-7	Anthracene	210	U	1700	210
86-74-8	Carbazole	210	U	1700	210
85-01-8	Phenanthrene	220	U	1700	220
87-86-5	Pentachlorophenol	520	U	5300	520
129-00-0	Pyrene	300	J	1700	150
218-01-9	Chrysene	200	U	1700	200
207-08-9	Benzo[k]fluoranthene	13	U	170	13
191-24-2	Benzo[g,h,i]perylene	130	U	1700	130
205-99-2	Benzo[b]fluoranthene	11	U	170	11
50-32-8	Benzo[a]pyrene	12	U	170	12
56-55-3	Benzo[a]anthracene	12	U	170	12
86-30-6	N-Nitrosodiphenylamine	170	U	1700	170
85-68-7	Butyl benzyl phthalate	160	U	1700	160
117-81-7	Bis(2-ethylhexyl) phthalate	580	U	1700	580
117-84-0	Di-n-octyl phthalate	110	U	1700	110
193-39-5	Indeno[1,2,3-cd]pyrene	32	U	170	32
53-70-3	Dibenz(a,h)anthracene	22	U	170	22
91-94-1	3,3'-Dichlorobenzidine	610	U	3500	610
95-94-3	1,2,4,5-Tetrachlorobenzene	230	U	1700	230
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	1700	230

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SD Lab Sample ID: 460-62968-4

Matrix: Solid Lab File ID: U91021.D

Analysis Method: 8270C Date Collected: 09/12/2013 09:00

Extract. Method: 3541 Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 18:20

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182194 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	89		38-105
4165-62-2	Phenol-d5	81		41-118
1718-51-0	Terphenyl-d14	68		16-151
118-79-6	2,4,6-Tribromophenol	68		10-120
367-12-4	2-Fluorophenol	82		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SD | Lab Sample ID: 460-62968-4

Matrix: Solid | Lab File ID: U91021.D

Analysis Method: 8270C | Date Collected: 09/12/2013 09:00

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 18:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182194 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 350300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	2.43	10000	J
17301-23-4	Undecane, 2,6-dimethyl-	6.82	8600	J N
629-62-9	Pentadecane	7.02	39000	J N
544-76-3	Hexadecane	7.52	14000	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	7.74	17000	J N
57383-81-0	Phenol, 2,3,5-tribromo-	7.84	12000	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.00	110000	J N
529-05-5	Azulene, 7-ethyl-1,4-dimethyl-	8.03	9500	J N
605-39-0	2,2'-Dimethylbiphenyl	8.17	14000	J N
17301-29-0	Undecane, 3,7-dimethyl-	8.20	8600	J N
593-45-3	Octadecane	8.42	27000	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.45	38000	J N
55045-10-8	Tridecane, 6-propyl-	8.60	12000	J N
629-92-5	Nonadecane	8.84	22000	J N
112-95-8	Eicosane	9.23	8600	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91021.D		
Lims ID:	460-62968-E-4-B	Client ID:	PMP-27SE-SD
Inject. Date:	19-Sep-2013 18:20:30	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	460-0004816-010		
Misc. Info.:	460-62968-E-4-B		
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	182194	Lims Sample ID:	10
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\8270_4.m		
Last Update:	20-Sep-2013 11:45:14	Calib Date:	18-Sep-2013 15:35:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90967.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 06:43:29

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.740	2.734	0.006	79	143747	16.4	
$ 6 Phenol-d5	99	3.671	3.686	-0.015	54	168453	16.1	
* 13 1,4-Dichlorobenzene-d4	152	4.008	4.004	0.004	91	312317	40.0	
$ 25 Nitrobenzene-d5	82	4.568	4.585	-0.017	94	125958	8.86	
* 35 Naphthalene-d8	136	5.291	5.291	0.0	97	976289	40.0	
$ 48 2-Fluorobiphenyl	172	6.377	6.386	-0.009	92	125824	7.90	
* 61 Acenaphthene-d10	164	7.044	7.040	0.004	93	450726	40.0	
$ 76 2,4,6-Tribromophenol	330	7.820	7.820	0.0	64	56697	13.5	
* 83 Phenanthrene-d10	188	8.499	8.493	0.006	96	650861	40.0	
90 Pyrene	202	9.893	9.891	0.002	74	16747	0.8484	
$ 91 Terphenyl-d14	244	10.047	10.051	-0.004	94	105802	6.79	
* 96 Chrysene-d12	240	11.158	11.160	-0.002	97	600900	40.0	
* 103 Perylene-d12	264	12.974	12.977	-0.003	97	781882	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91021.D		
Lims ID:	460-62968-E-4-B	Client ID:	PMP-27SE-SD
Inject. Date:	19-Sep-2013 18:20:30	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	460-0004816-010		
Misc. Info.:	460-62968-E-4-B		
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	182194	Lims Sample ID:	10
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\8270_4.m		
Last Update:	20-Sep-2013 11:45:14	Calib Date:	18-Sep-2013 15:35:30
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: asfawa		Date:	20-Sep-2013 06:43:29

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
		Unknown				
2.427	1746396	29.5	13			
	17301-23-4	Undecane, 2,6-dimethyl-				
6.816	4227800	24.5	61	86	45584	
	629-62-9	Pentadecane				
7.021	6894079	109.6	83	95	64574	
	544-76-3	Hexadecane				
7.515	6633888	38.5	61	99	73967	
	31295-56-4	Dodecane, 2,6,11-trimethyl-				
7.736	8110727	47.1	61	91	64591	
	57383-81-0	Phenol, 2,3,5-tribromo-				
7.835	2116918	33.6	83	93	132016	
	1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-				
8.003	19339518	307.4	83	97	99493	
	529-05-5	Azulene, 7-ethyl-1,4-dimethyl-				
8.026	1694314	26.9	83	87	45639	
	605-39-0	2,2'-Dimethylbiphenyl				
8.171	2467885	39.2	83	86	44172	
	17301-29-0	Undecane, 3,7-dimethyl-				
8.201	1531239	24.3	83	80	45567	
	593-45-3	Octadecane				
8.423	4751367	75.5	83	98	91036	
	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-				
8.453	6746121	107.2	83	98	107670	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
	55045-10-8 Tridecane, 6-propyl-					
8.599	2058381	32.7	83	78	73970	
	629-92-5 Nonadecane					
8.836	3940734	62.6	83	98	99476	
	112-95-8 Eicosane					
9.227	1544390	24.5	83	97	107655	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	4.008	2368252	40.0
* 61 Acenaphthene-d10	7.021	6894079	40.0
* 83 Phenanthrene-d10	8.499	2516568	40.0

QC Flag Legend

Processing Flags

Report Date: 20-Sep-2013 11:50:57 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91021.D

Injection Date:	19-Sep-2013 18:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-SD	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

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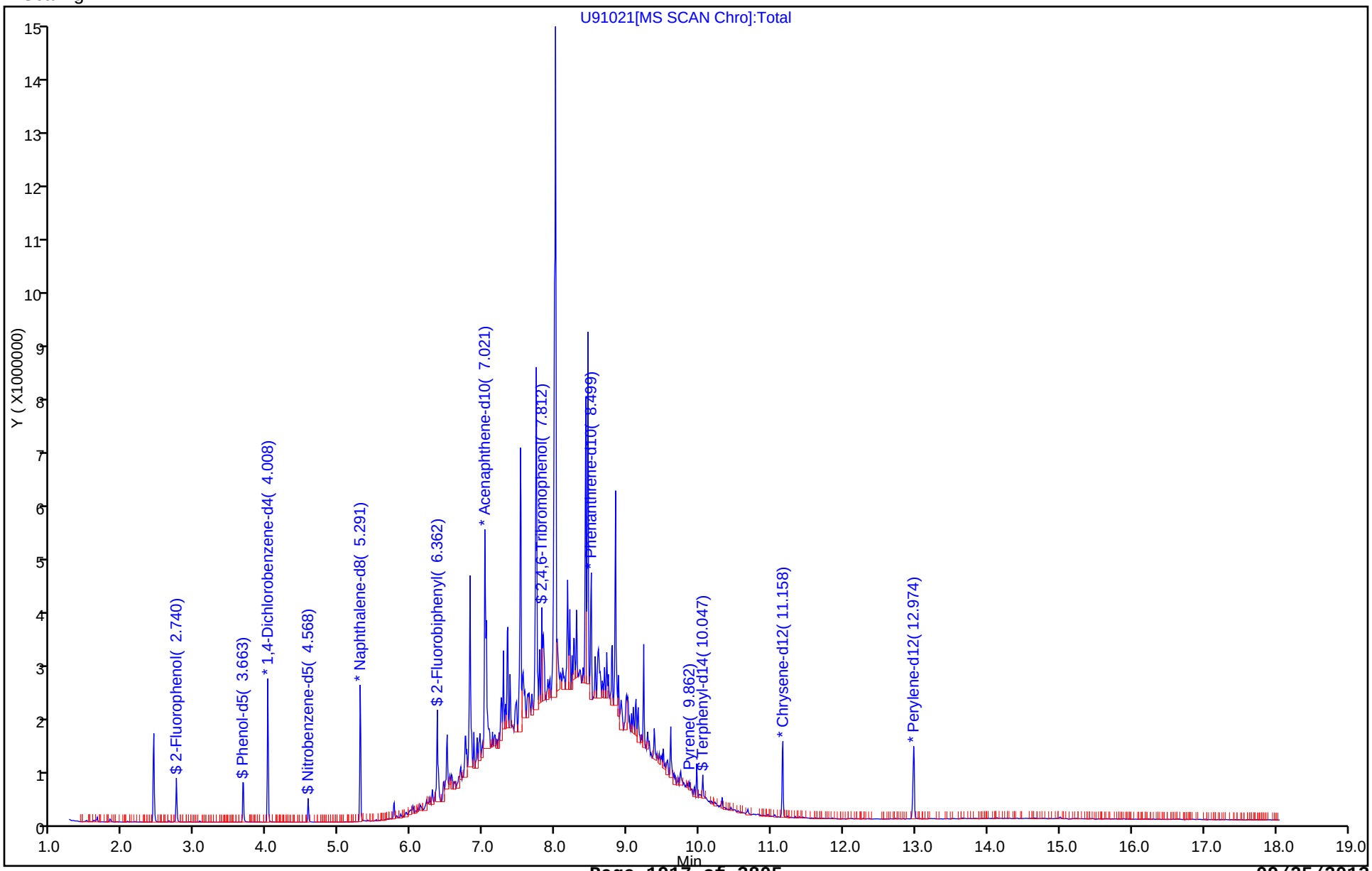
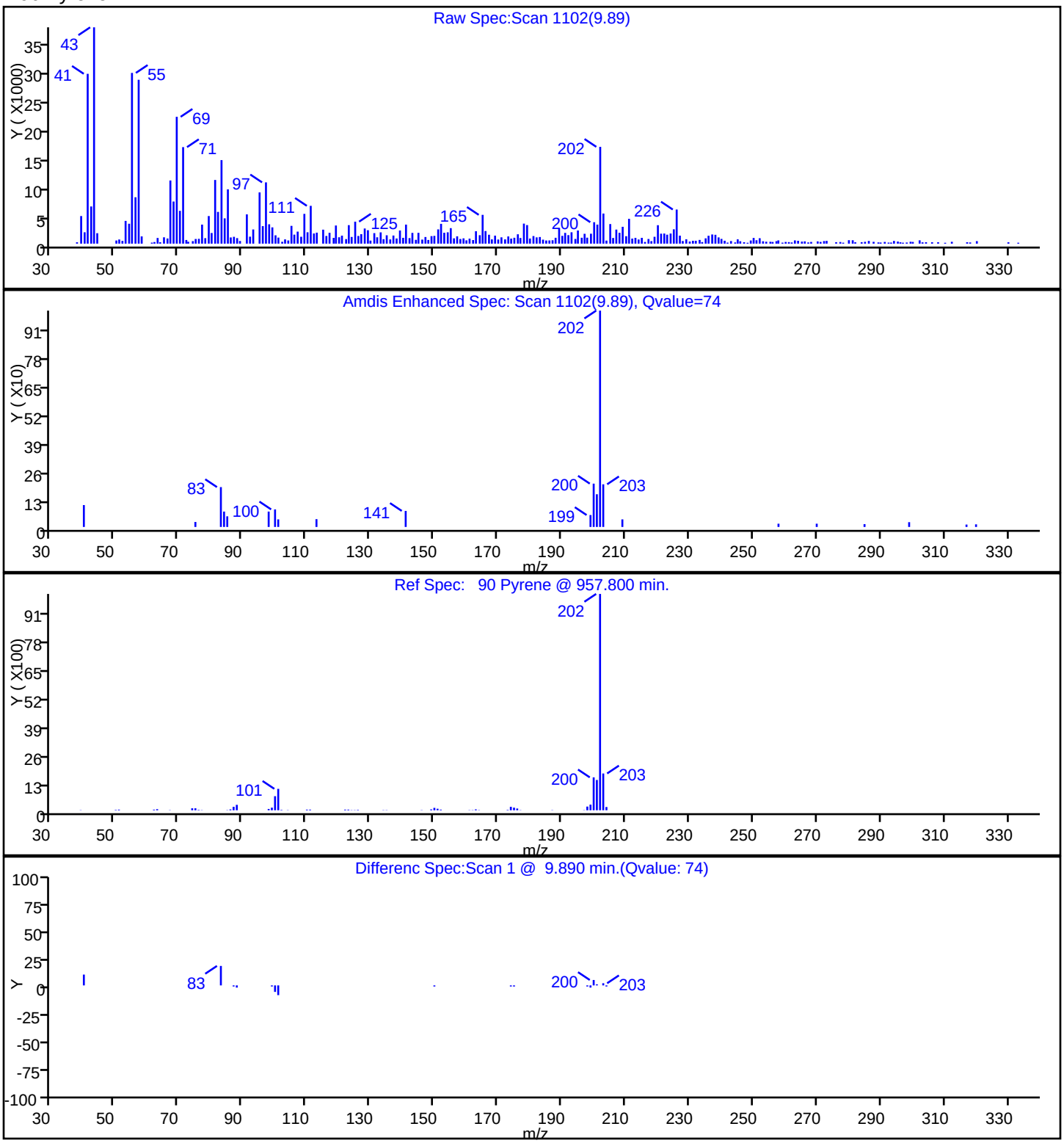


Report Date: 20-Sep-2013 11:50:57 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91021.D		
Injection Date:	19-Sep-2013 18:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-SD	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

90 Pyrene

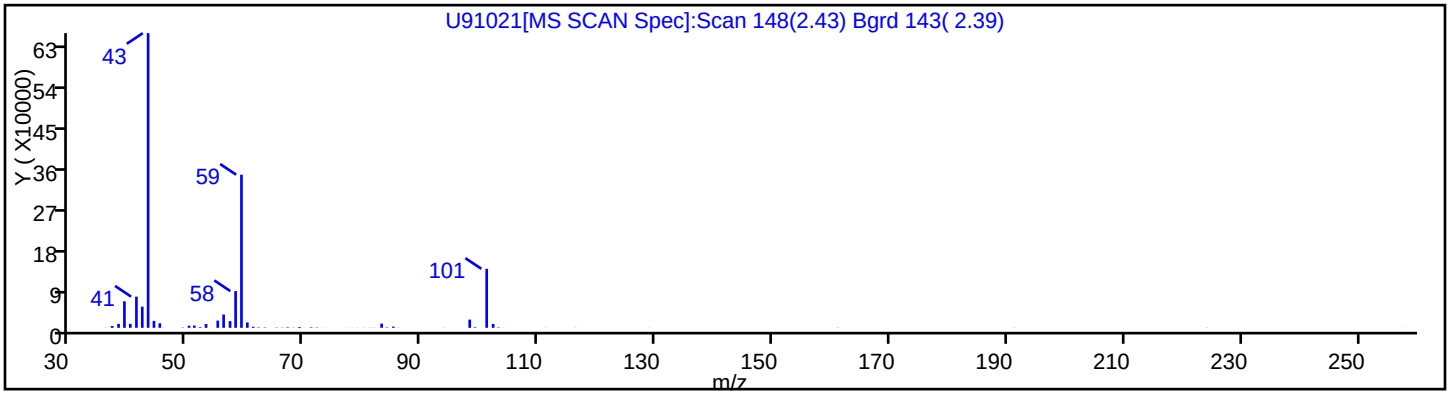


Report Date: 20-Sep-2013 11:50:57 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91021.D		
Injection Date:	19-Sep-2013 18:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-SD	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

No Library Matches Found above the Threshold: 75



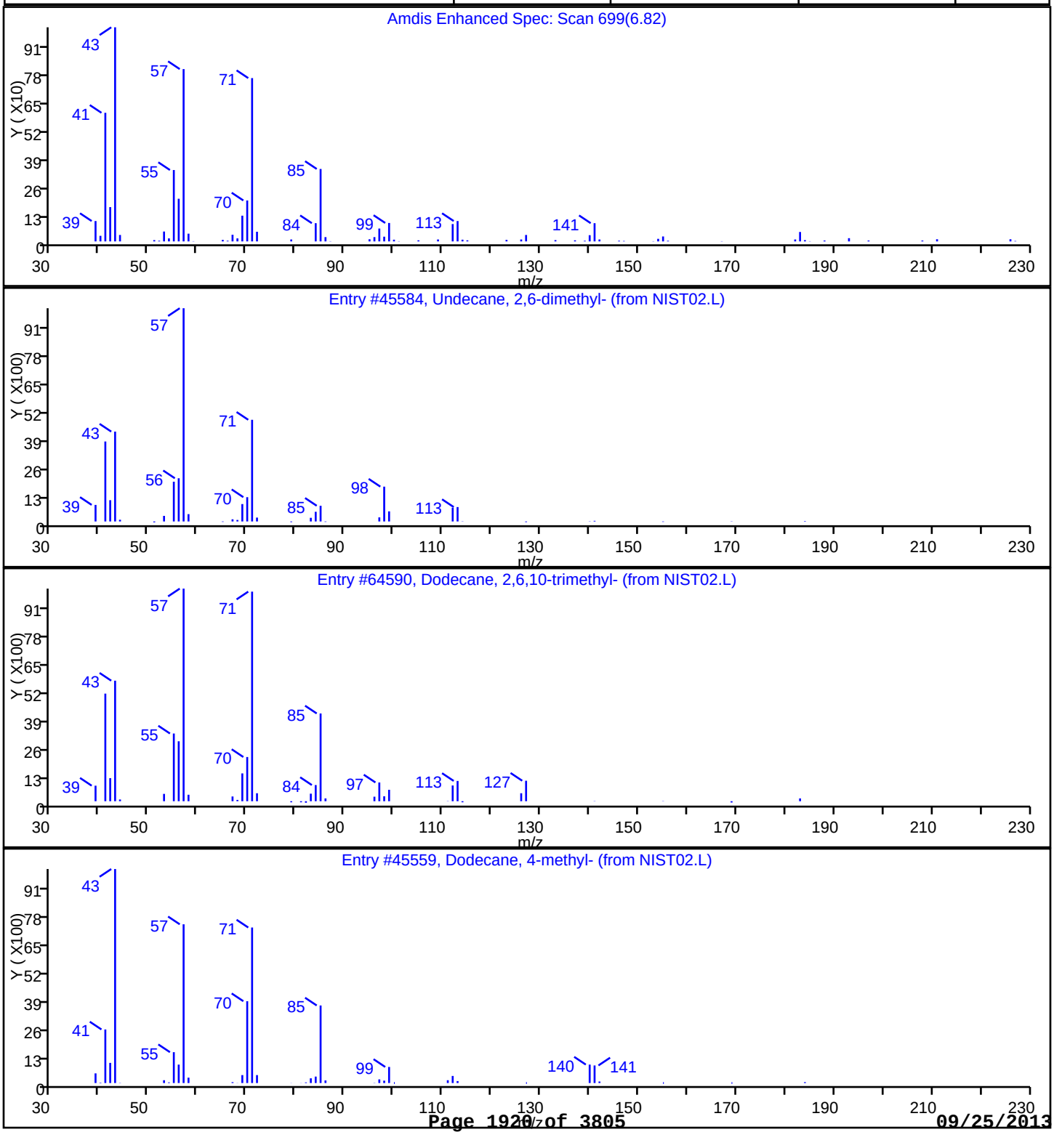
Report Date: 20-Sep-2013 11:50:57 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91021.D

Injection Date:	19-Sep-2013 18:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-SD	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.L	45584	86
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	86
Dodecane, 4-methyl-	6117-97-1	NIST02.L	45559	70



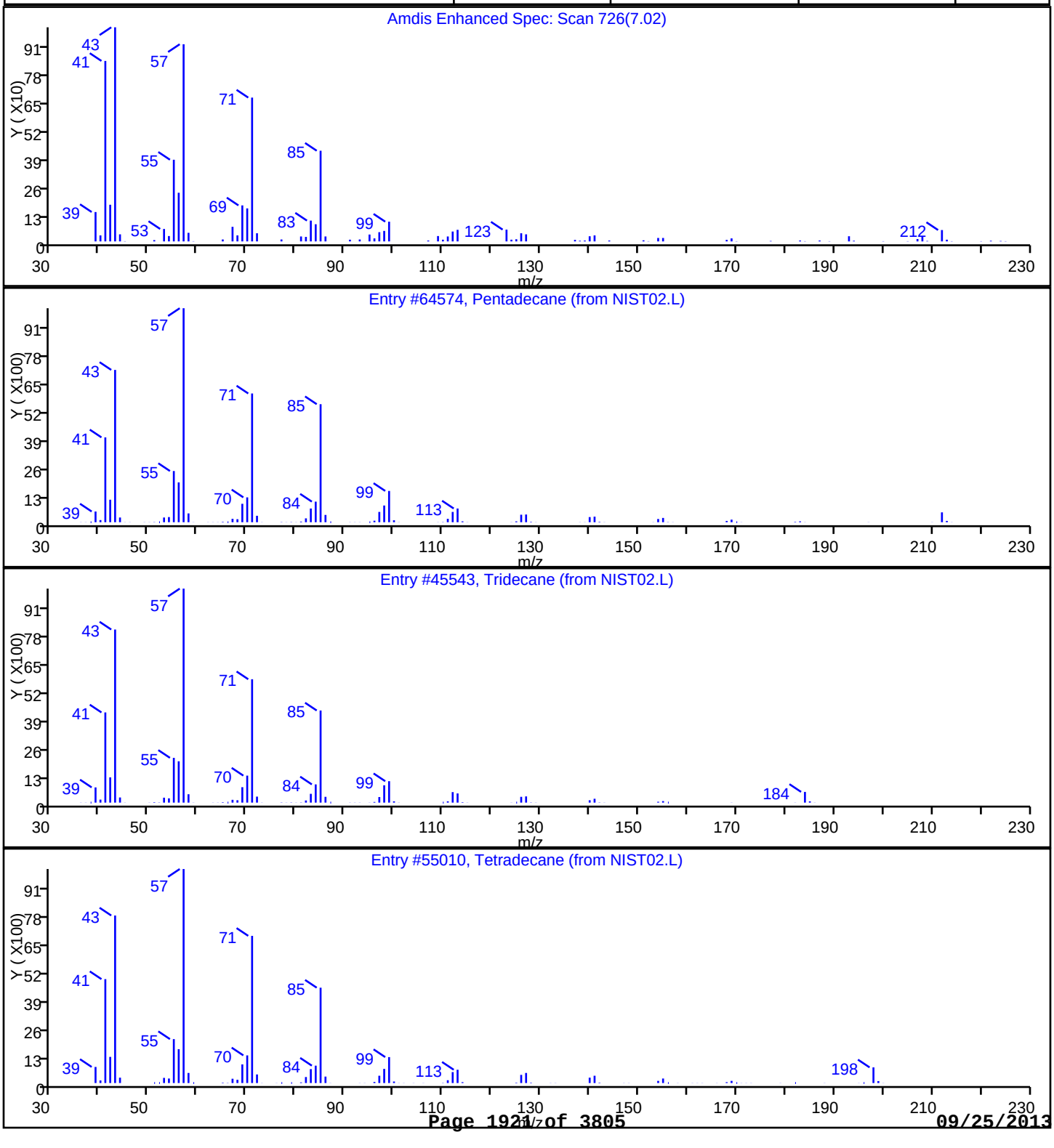
Report Date: 20-Sep-2013 11:50:57 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91021.D

Injection Date:	19-Sep-2013 18:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-SD	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane	629-62-9	NIST02.L	64574	95
Tridecane	629-50-5	NIST02.L	45543	86
Tetradecane	629-59-4	NIST02.L	55010	83



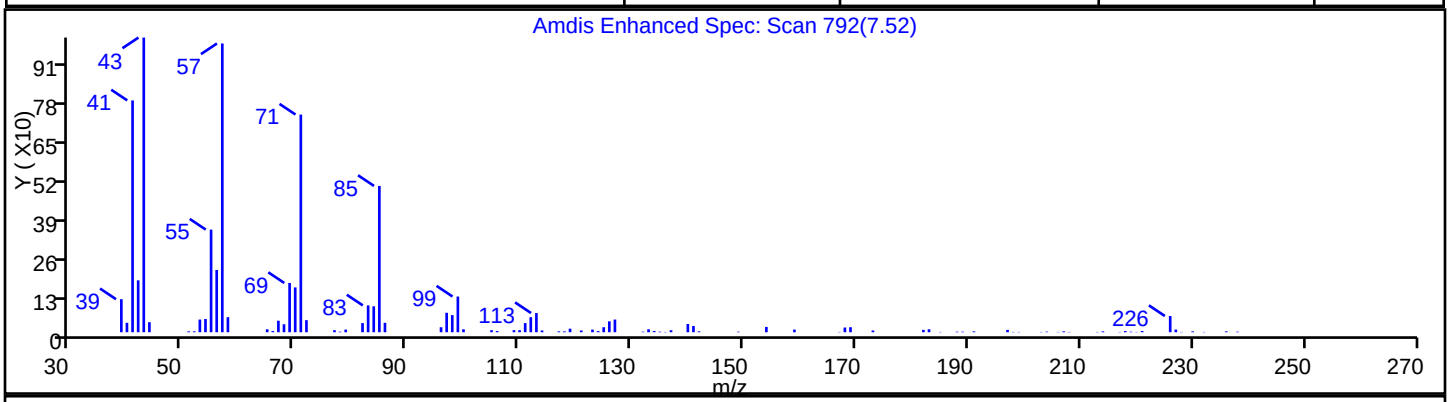
Report Date: 20-Sep-2013 11:50:57 Chrom Revision: 2.1 25-Jul-2013 20:19:50

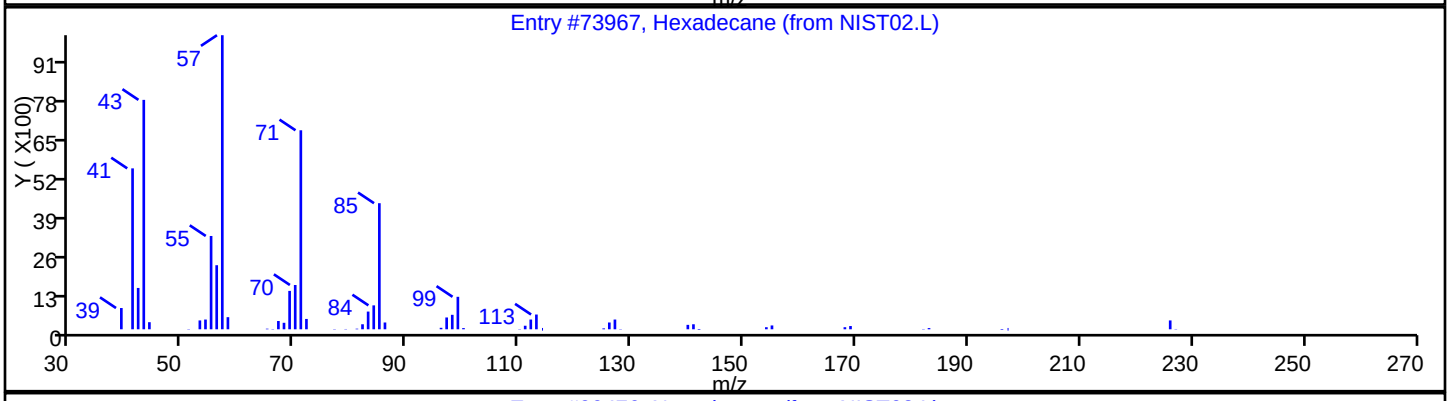
TestAmerica Edison

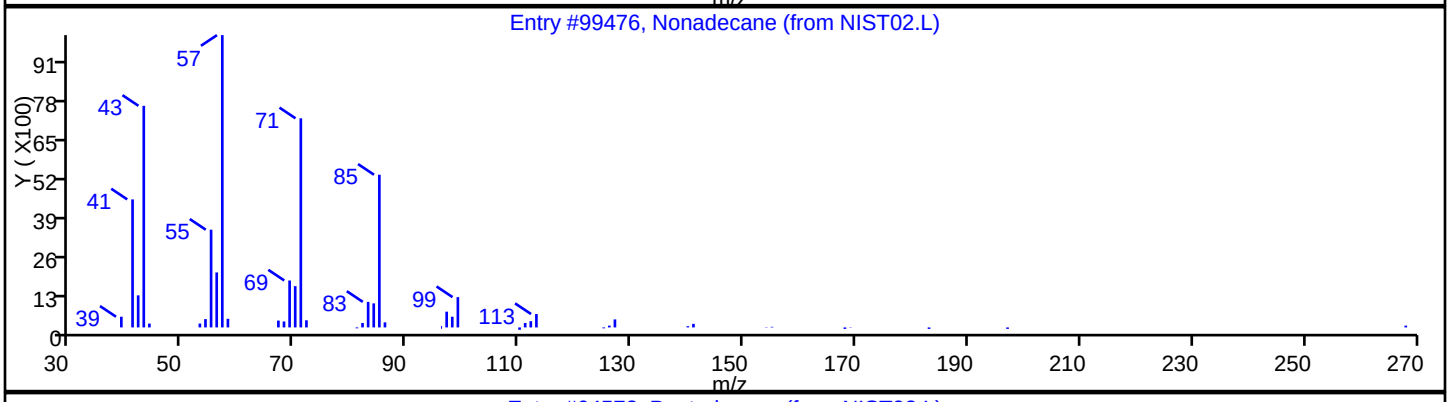
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91021.D

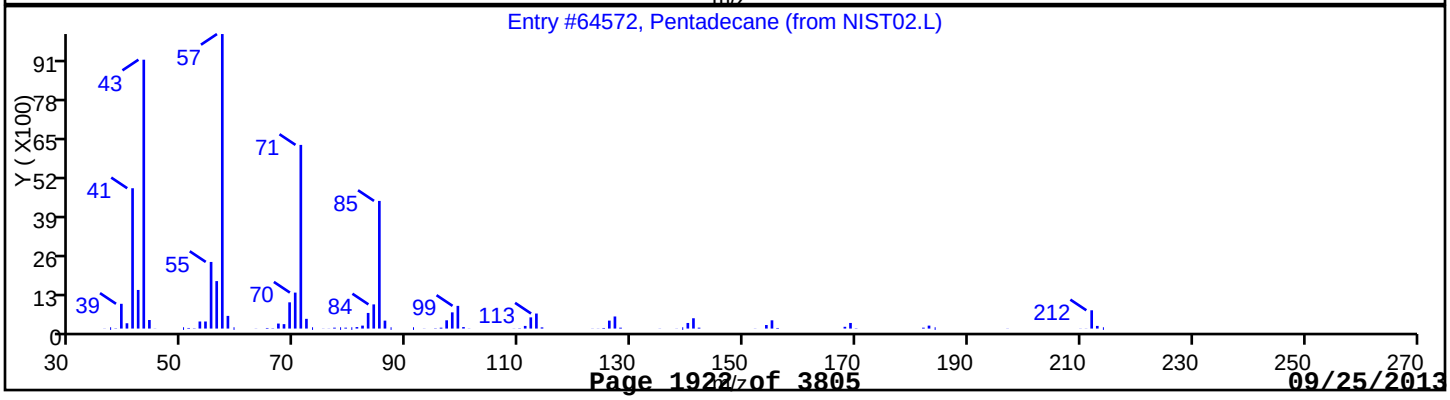
Injection Date:	19-Sep-2013 18:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-SD	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane	544-76-3	NIST02.L	73967	99
Nonadecane	629-92-5	NIST02.L	99476	91
Pentadecane	629-62-9	NIST02.L	64572	91









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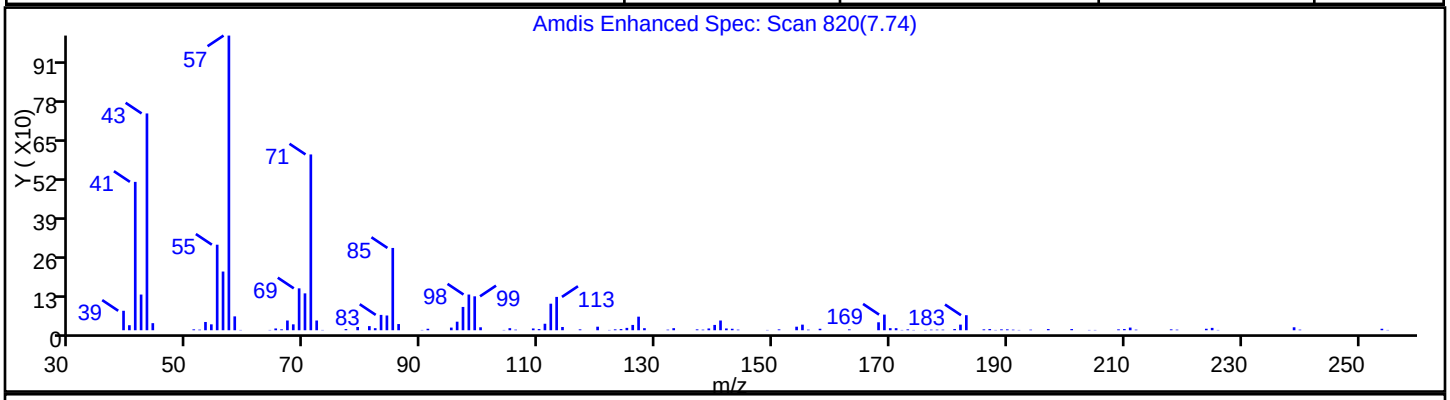
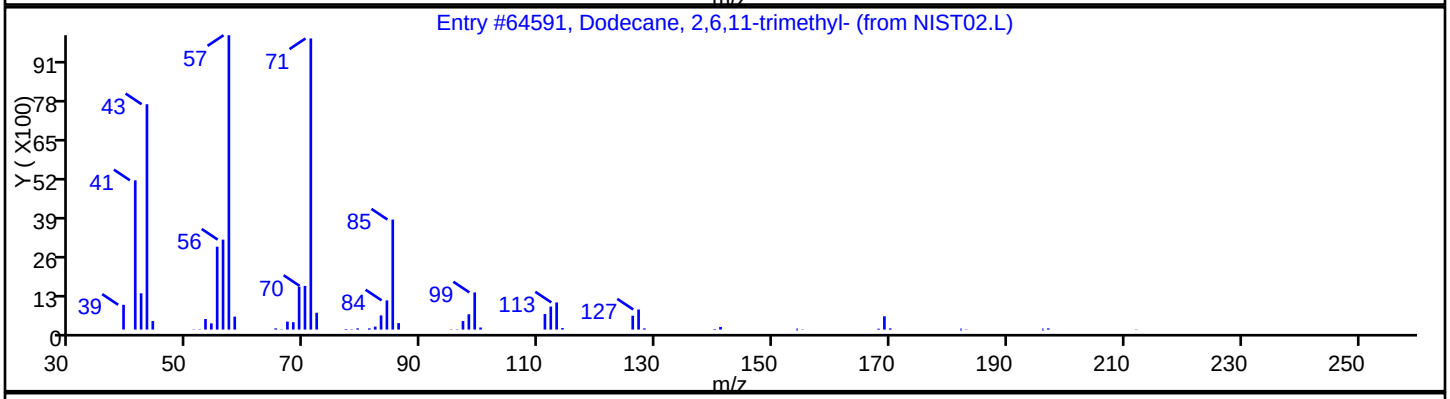
TestAmerica Edison

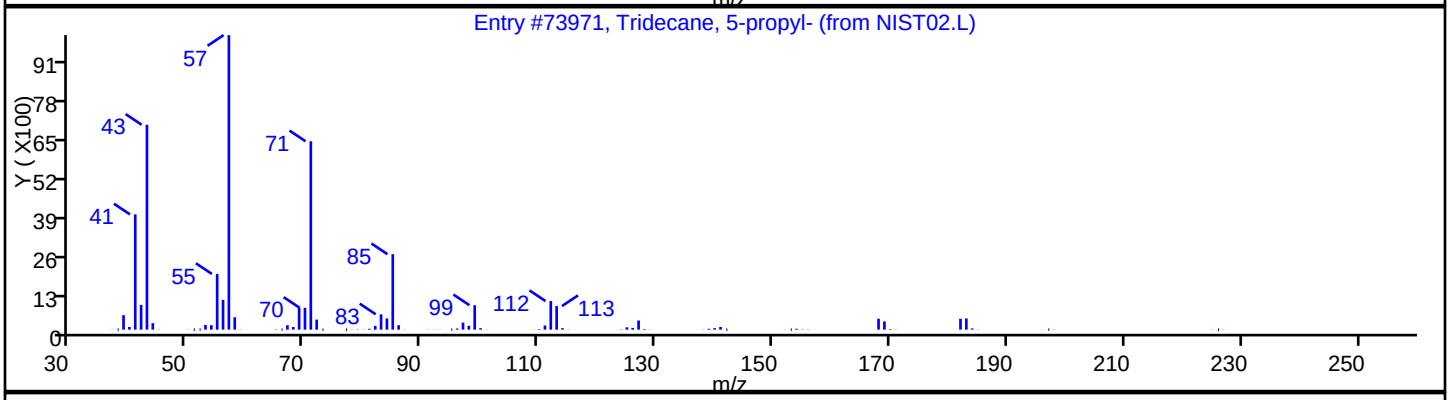
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91021.D

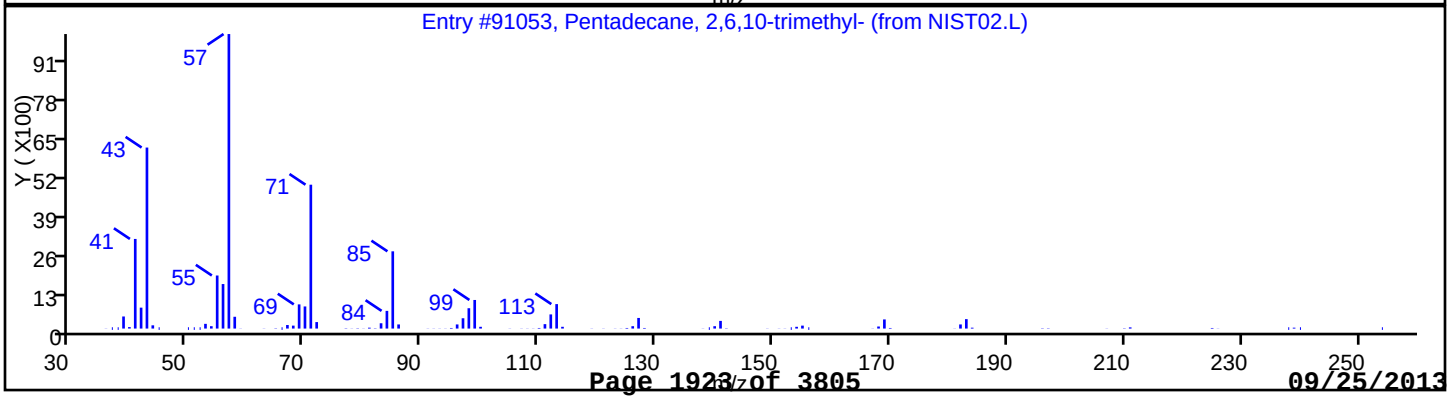
Injection Date:	19-Sep-2013 18:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-SD	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	91
Tridecane, 5-propyl-	55045-11-9	NIST02.L	73971	91
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	91









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TestAmerica Edison

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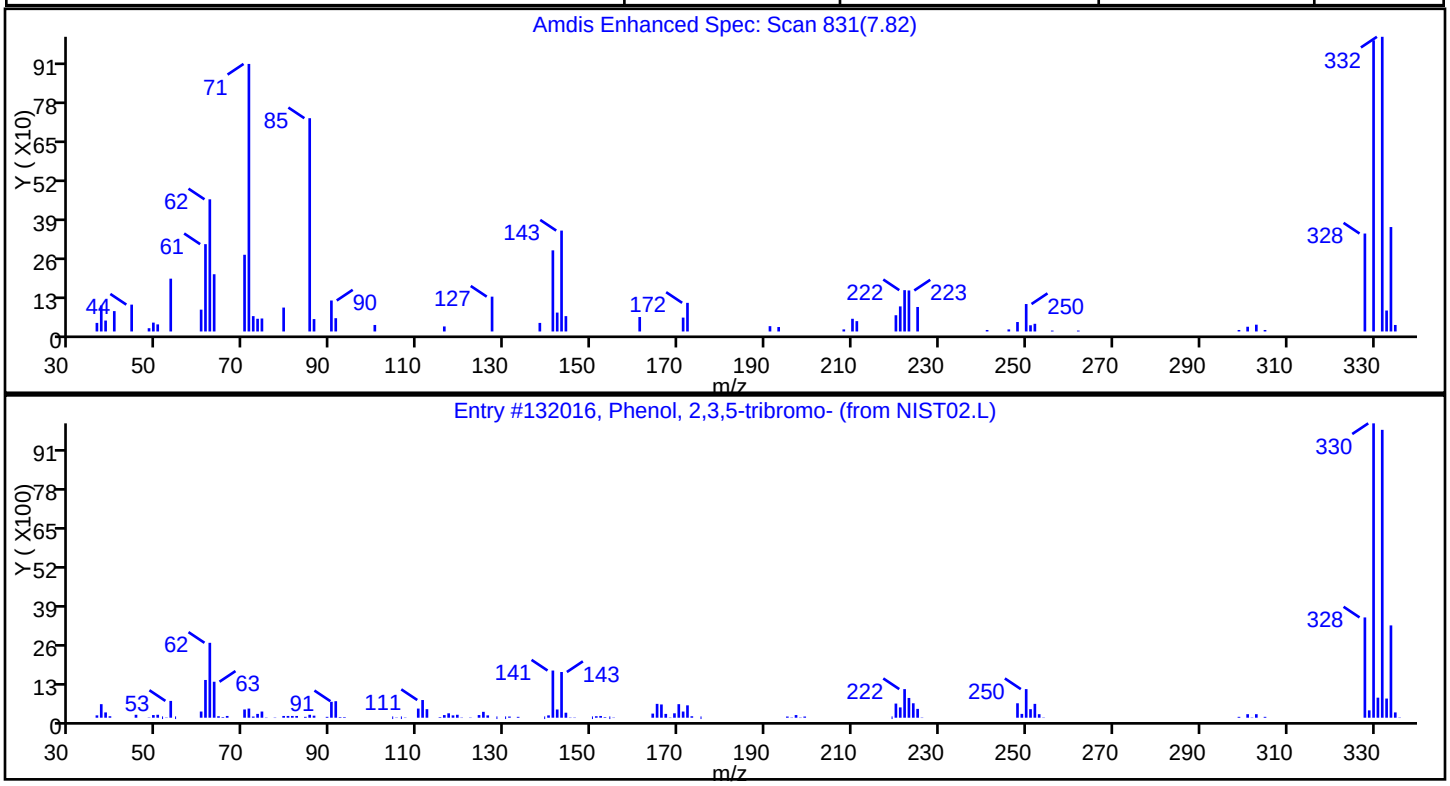
Injection Date:	19-Sep-2013 18:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-SD	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Phenol, 2,3,5-tribromo-	57383-81-0	NIST02.L	132016	93



Report Date: 20-Sep-2013 11:50:57 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

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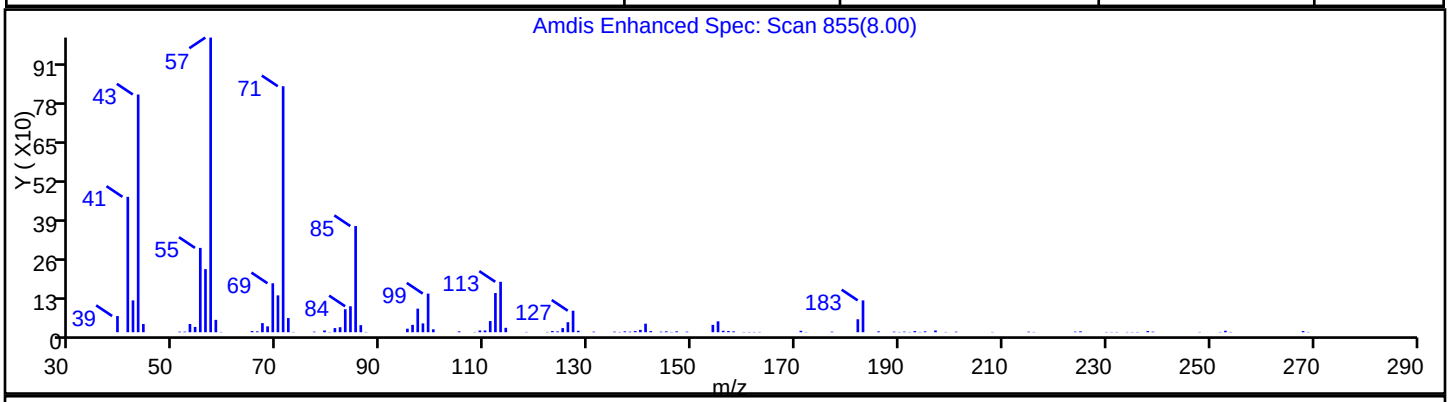
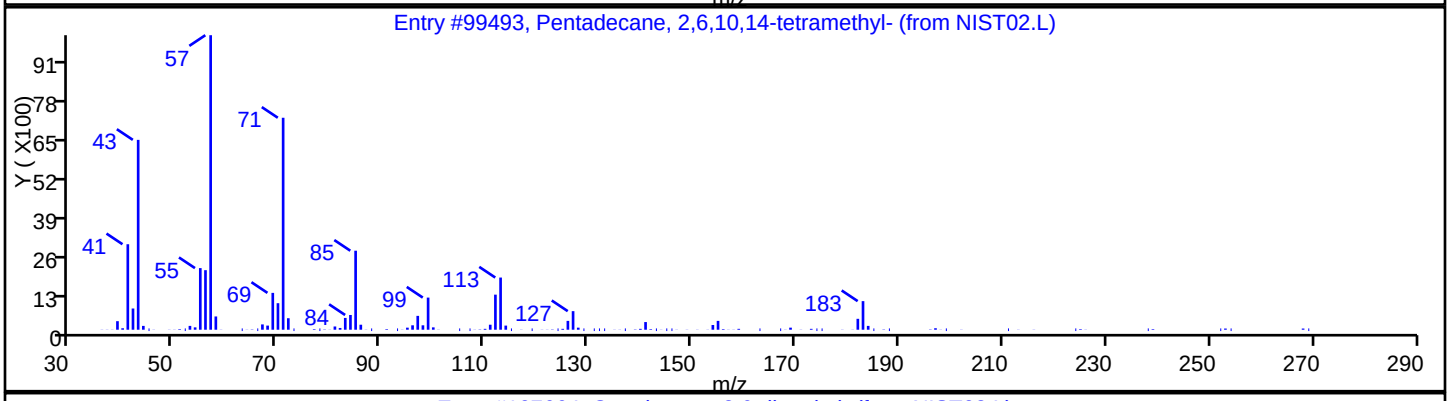
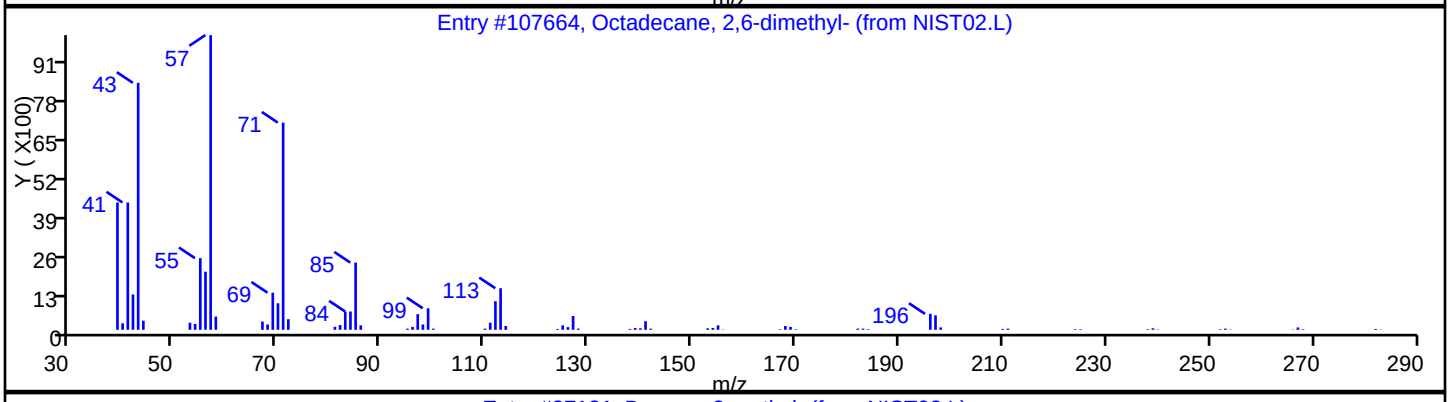
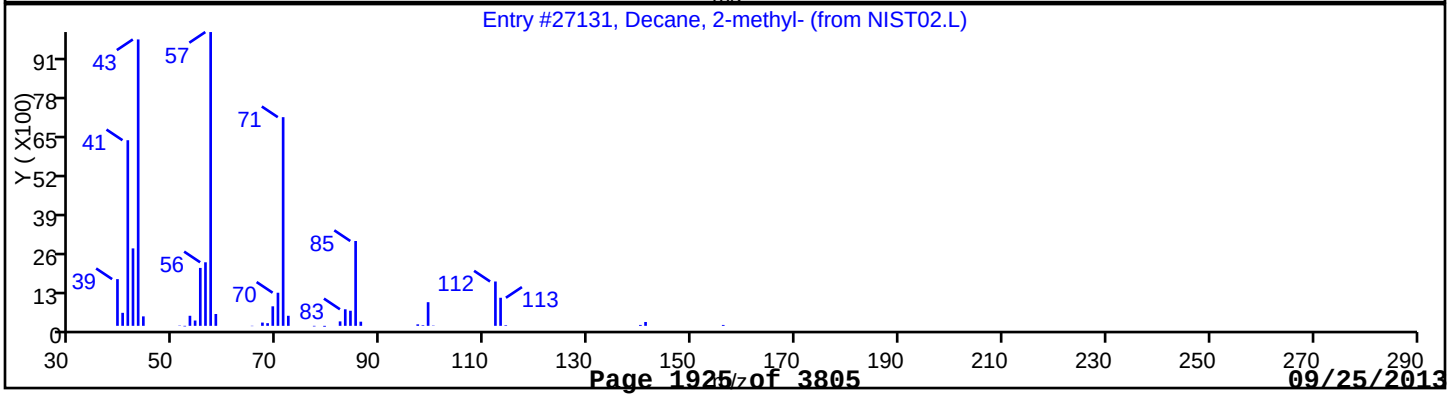
Injection Date:	19-Sep-2013 18:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-SD	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	97
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.L	107664	86
Decane, 2-methyl-	6975-98-0	NIST02.L	27131	86







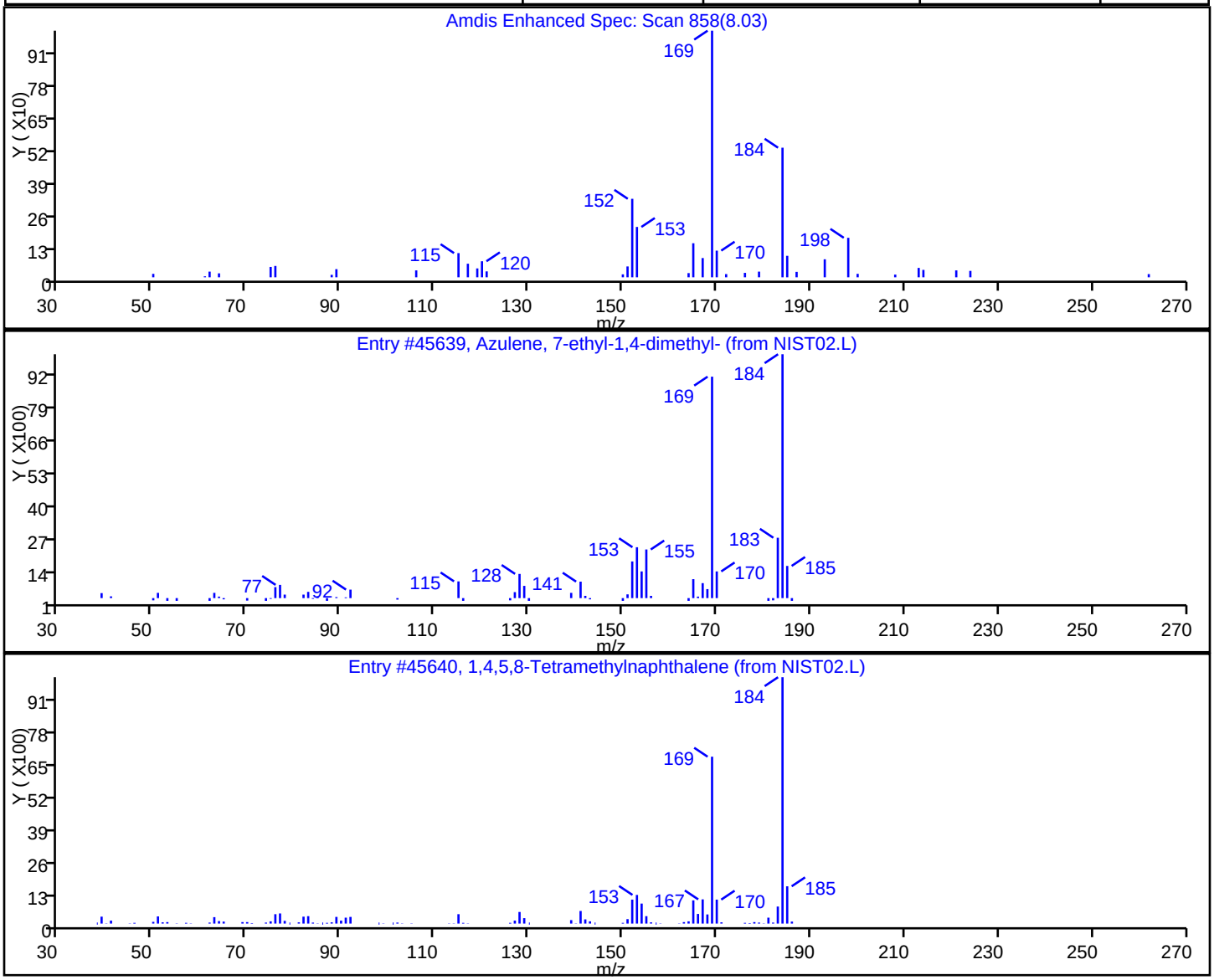


TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91021.D

Injection Date:	19-Sep-2013 18:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-SD	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Azulene, 7-ethyl-1,4-dimethyl-	529-05-5	NIST02.L	45639	87
1,4,5,8-Tetramethylnaphthalene	2717-39-7	NIST02.L	45640	72



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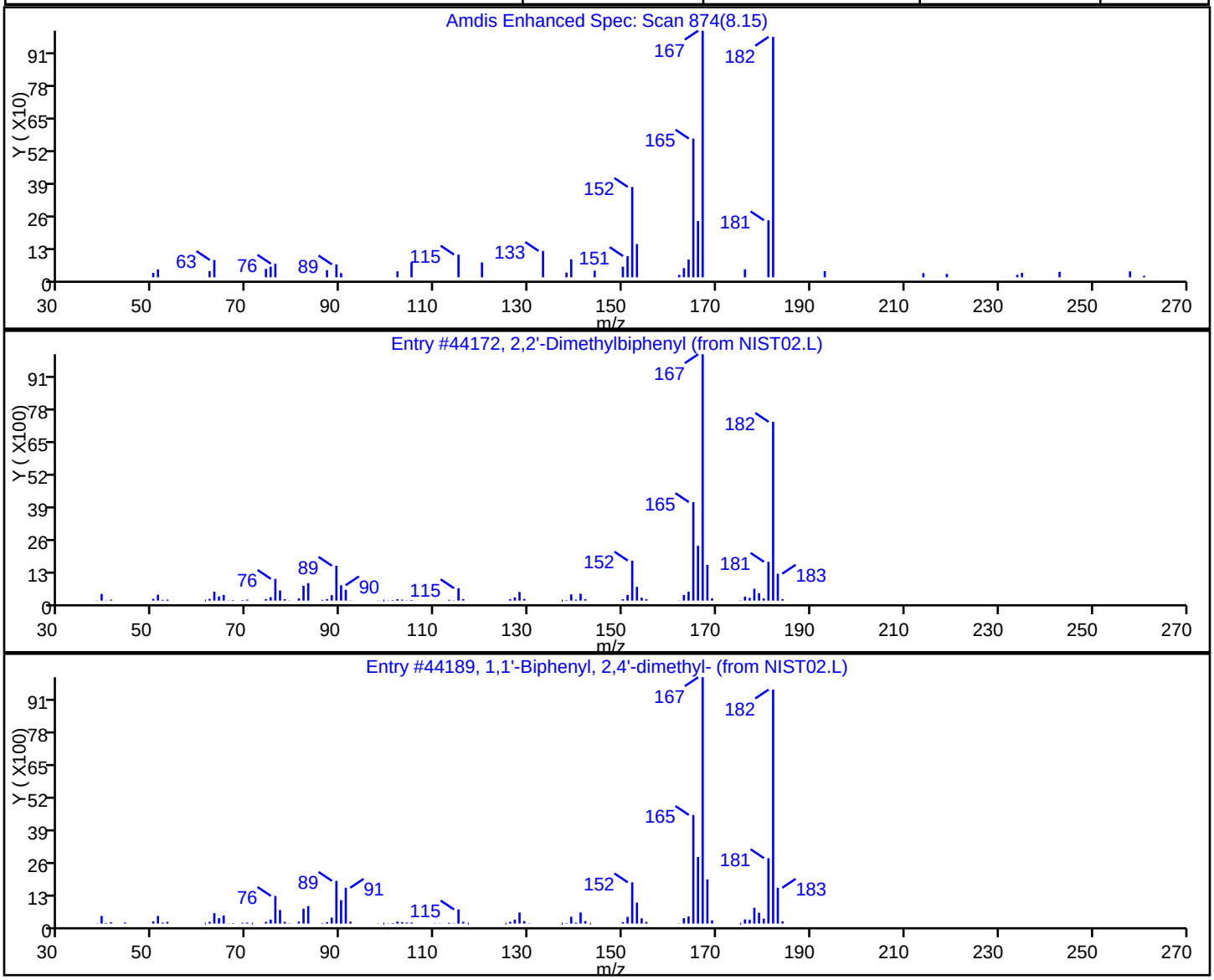
Injection Date:	19-Sep-2013 18:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-SD	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
2,2'-Dimethylbiphenyl	605-39-0	NIST02.L	44172	86
1,1'-Biphenyl, 2,4'-dimethyl-	611-61-0	NIST02.L	44189	72



TestAmerica Edison

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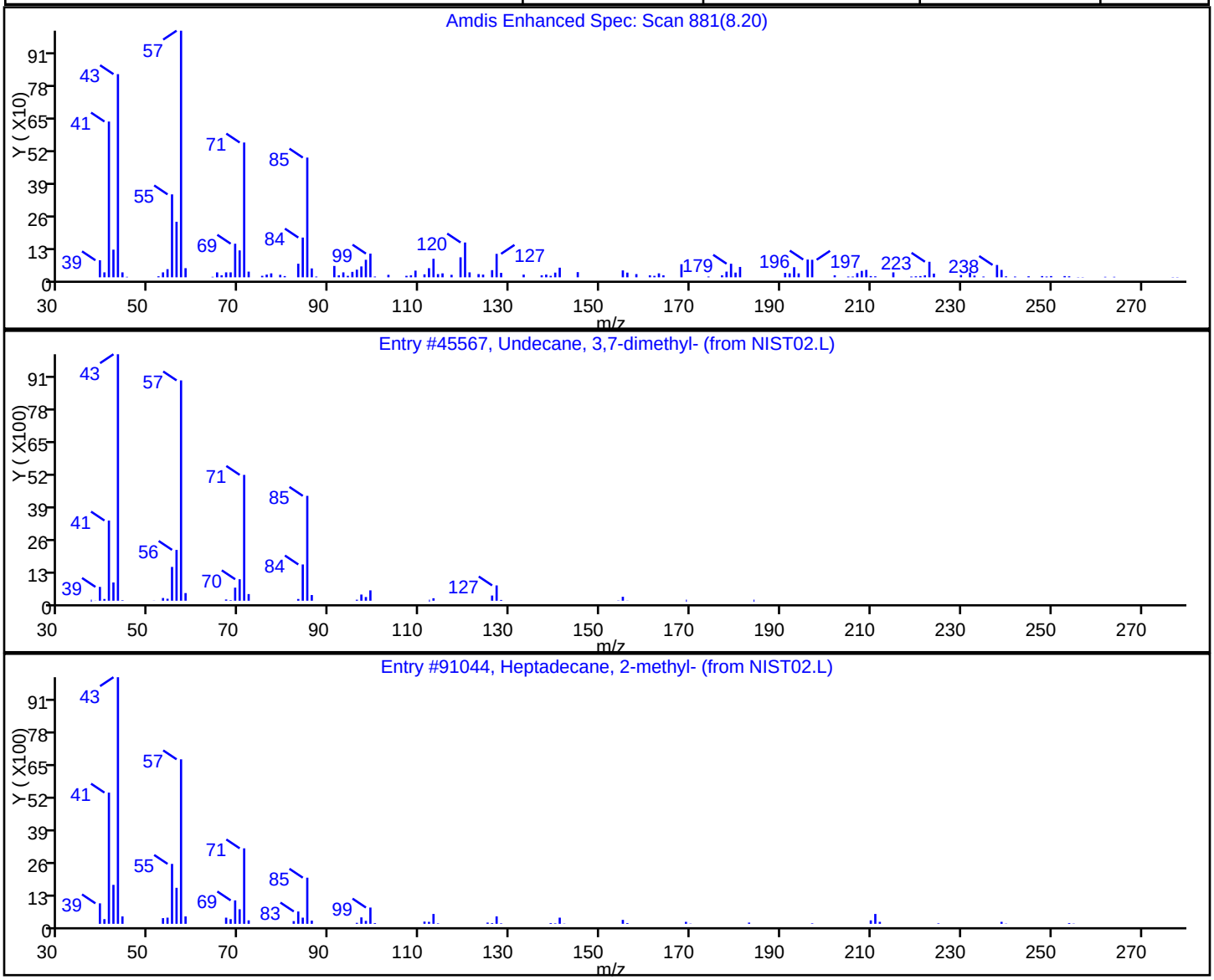
Client ID: PMP-27SE-SD Instrument ID: CBNAMS4
Lims Batch ID: 182194 Lims Sample ID: 10
Operator ID: Injection Vol: 1.0 ul
Column Type: Rtxi-5Sil MS Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Undecane, 3,7-dimethyl-	17301-29-0	NIST02.L	45567	80
Heptadecane, 2-methyl-	1560-89-0	NIST02.L	91044	70



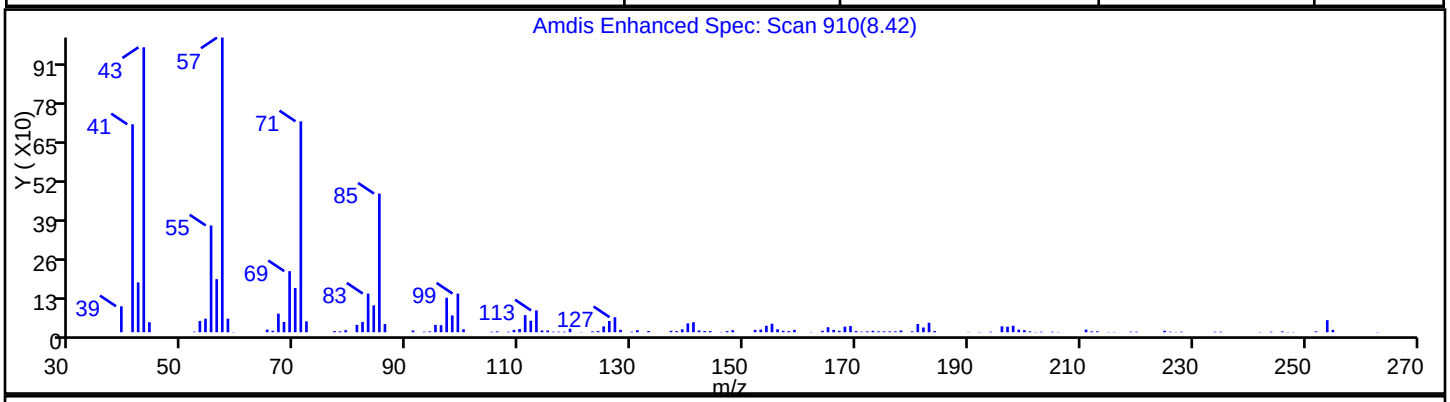
Report Date: 20-Sep-2013 11:50:57 Chrom Revision: 2.1 25-Jul-2013 20:19:50

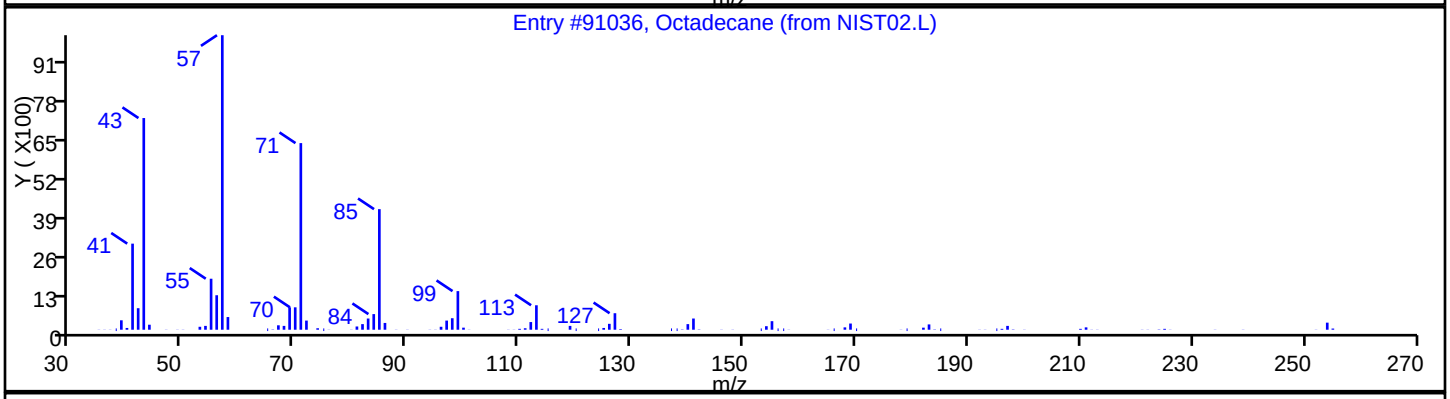
TestAmerica Edison

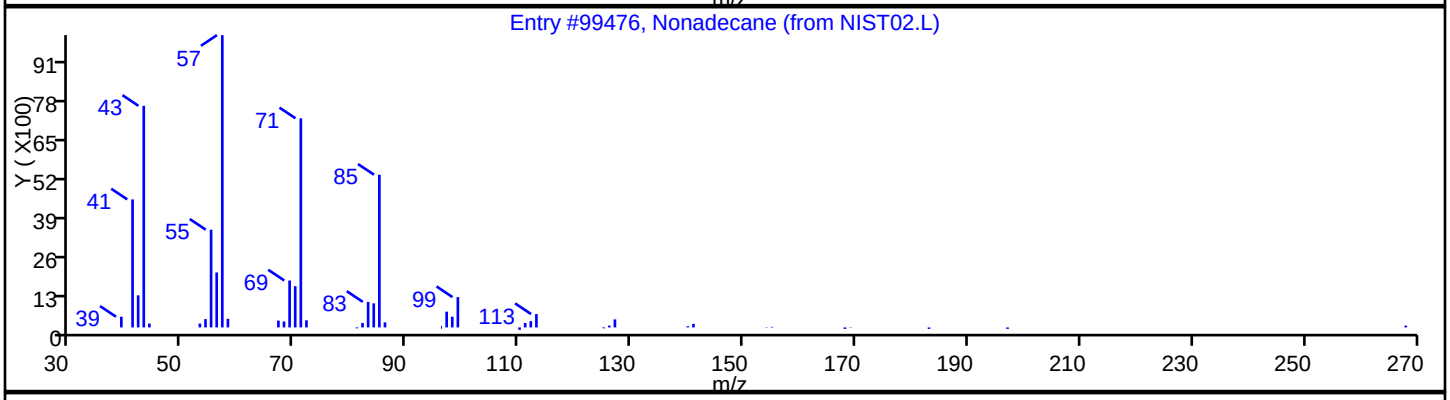
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91021.D

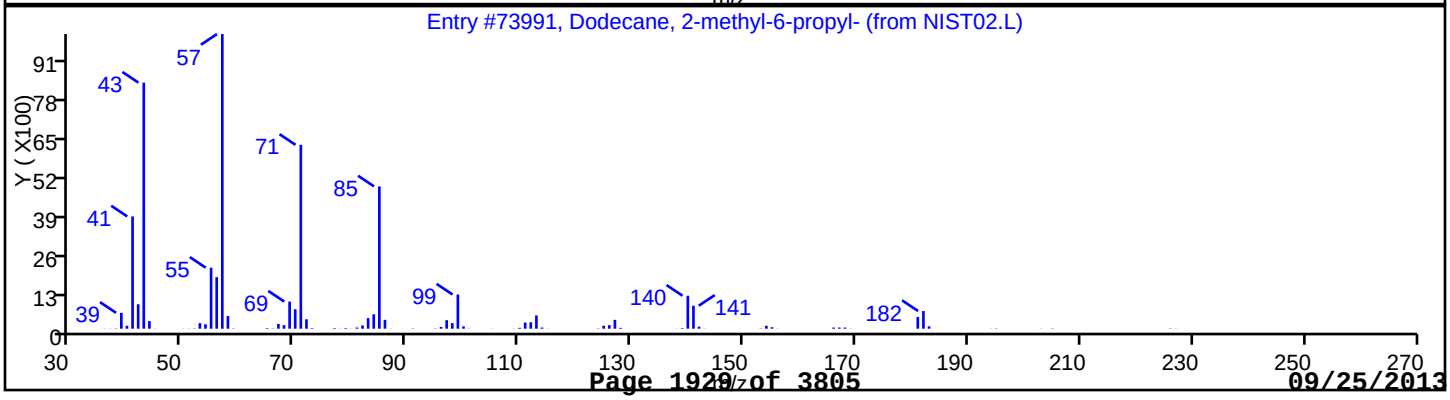
Injection Date:	19-Sep-2013 18:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-SD	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Octadecane	593-45-3	NIST02.L	91036	98
Nonadecane	629-92-5	NIST02.L	99476	90
Dodecane, 2-methyl-6-propyl-	55045-08-4	NIST02.L	73991	87









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TestAmerica Edison

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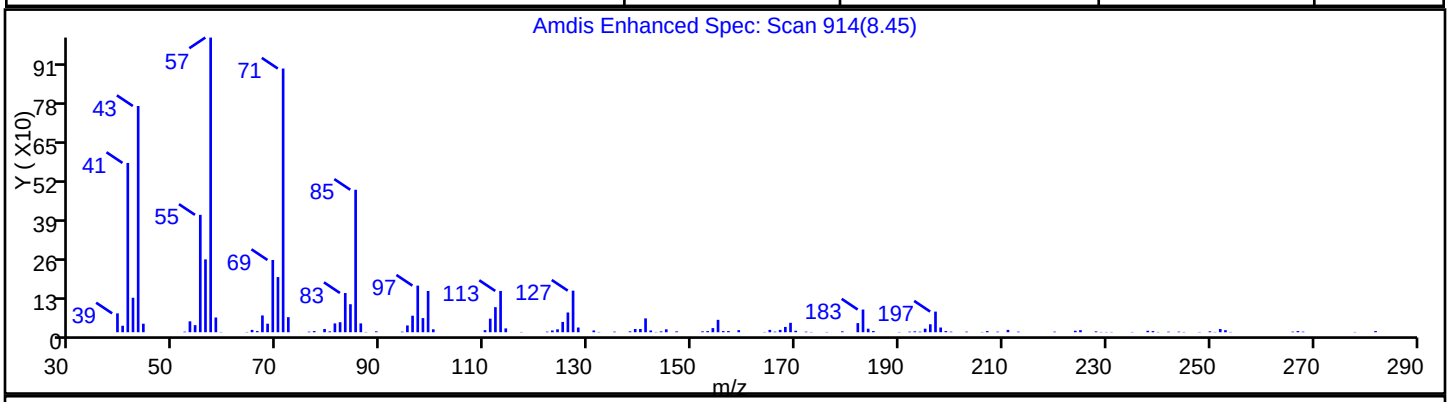
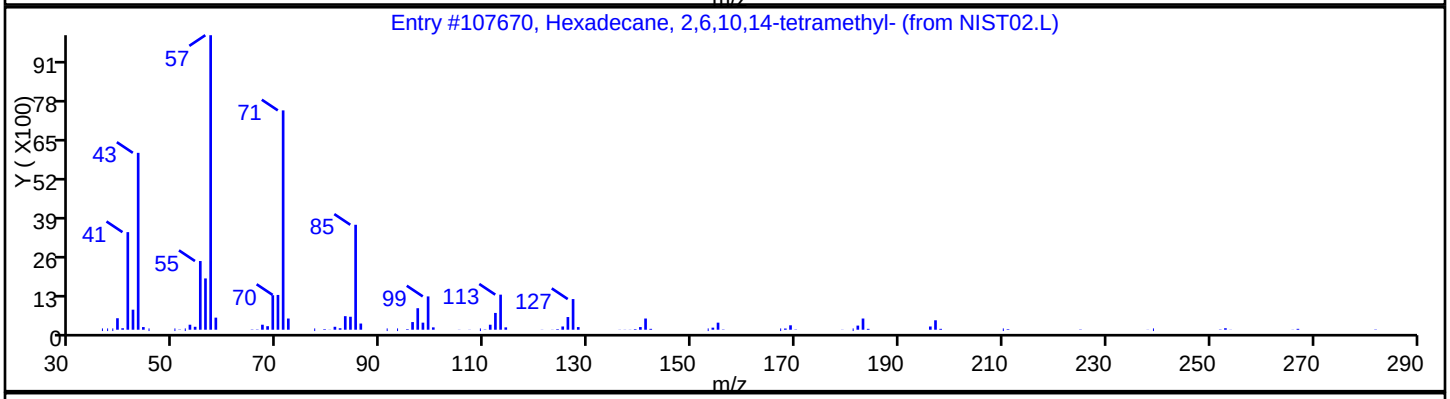
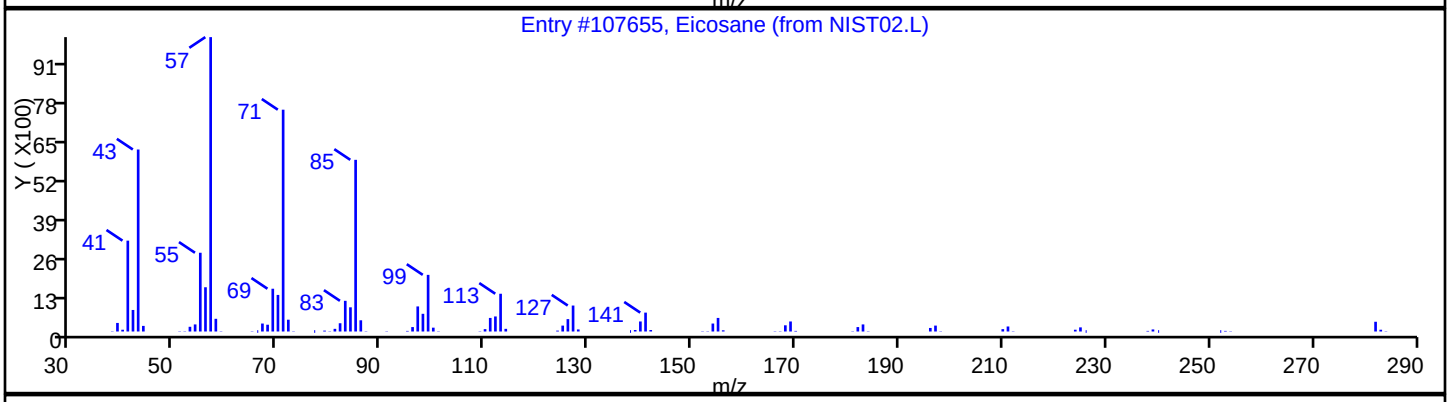
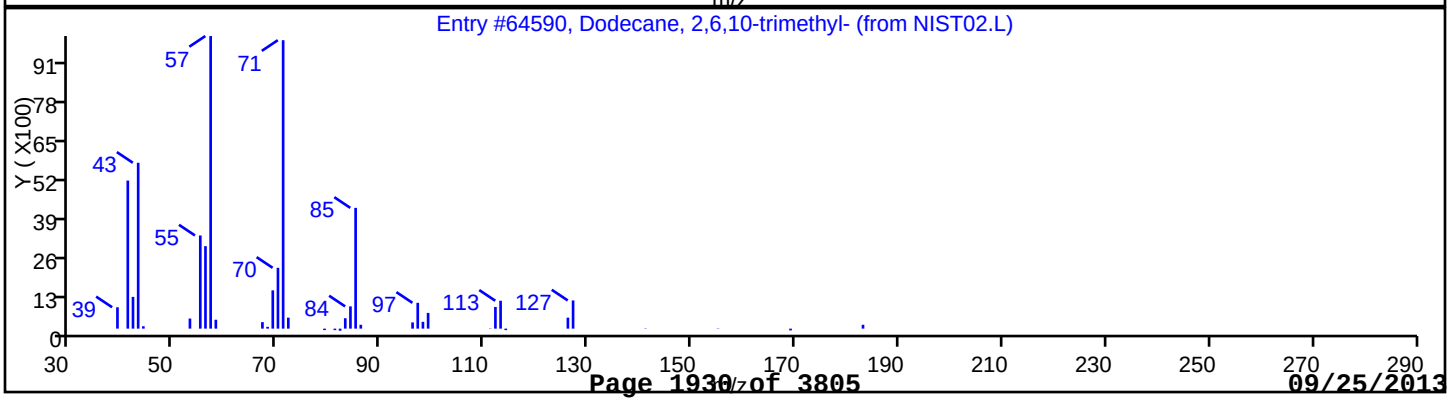
Injection Date:	19-Sep-2013 18:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-SD	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	98
Eicosane	112-95-8	NIST02.L	107655	91
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	91









TestAmerica Edison

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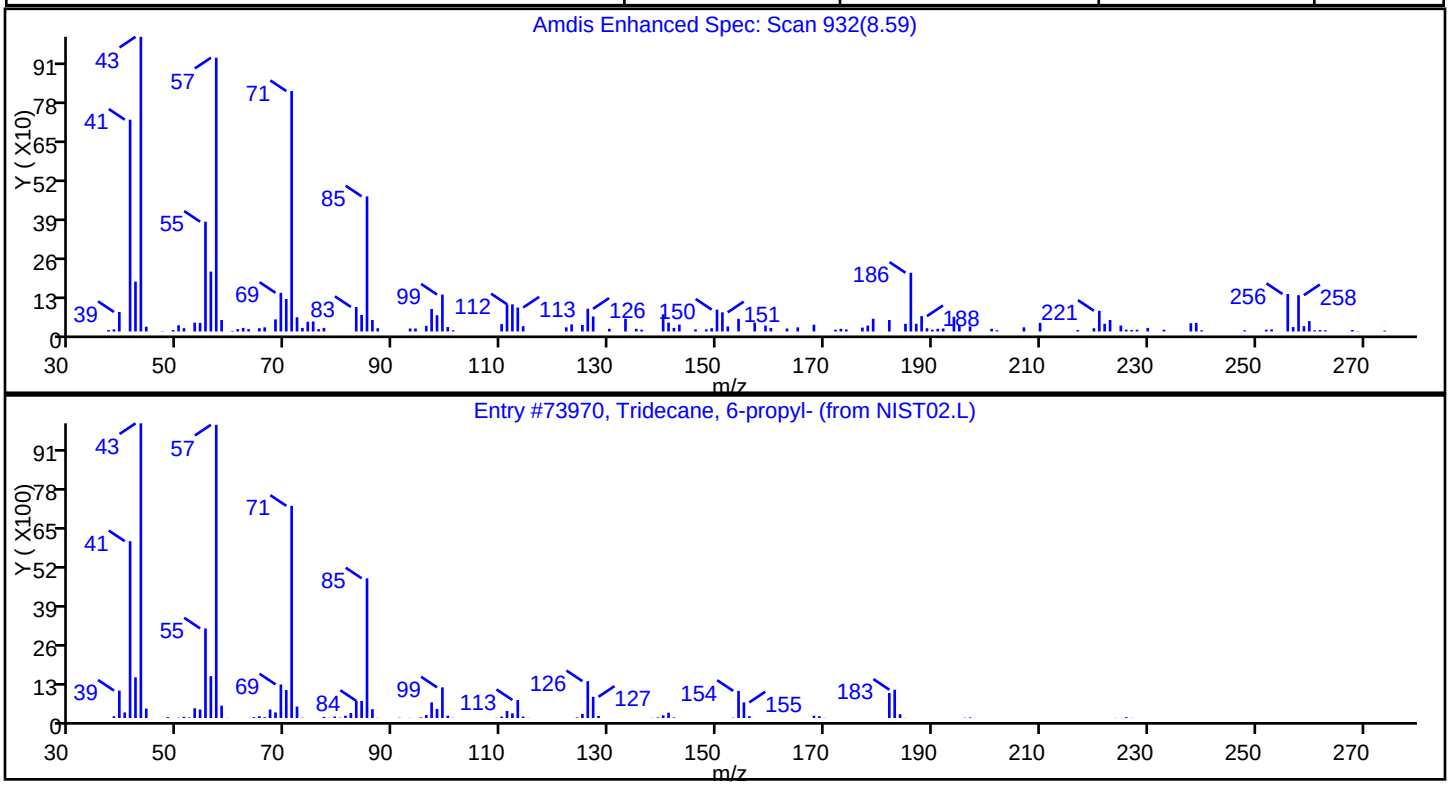
Client ID:	PMP-27SE-SD	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tridecane, 6-propyl-	55045-10-8	NIST02.L	73970	78



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TestAmerica Edison

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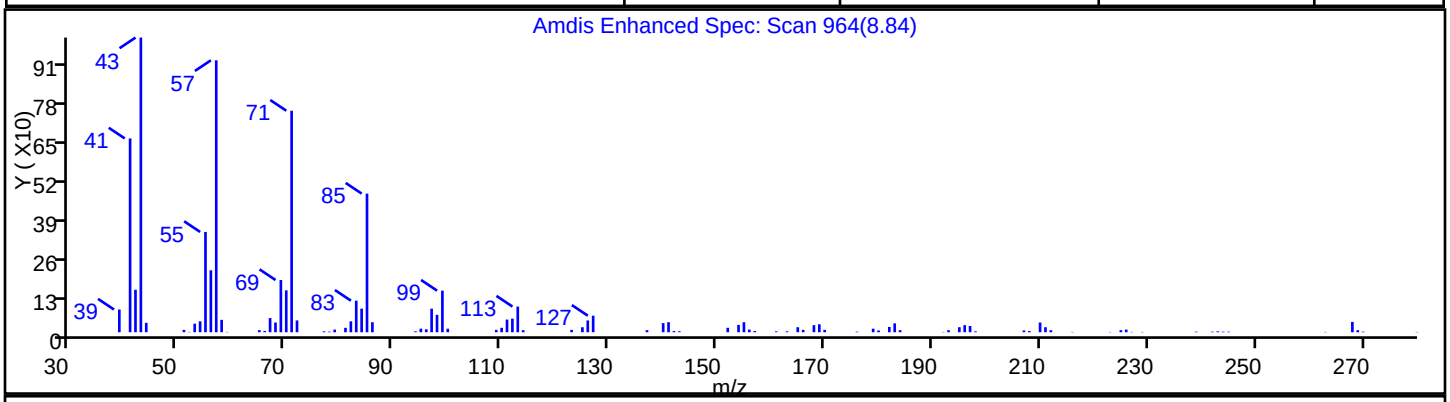
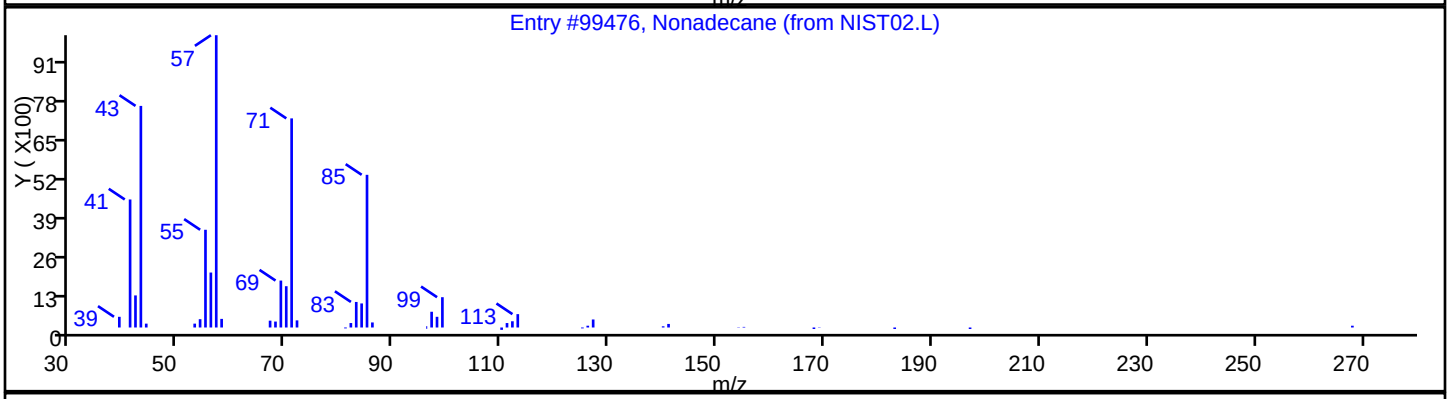
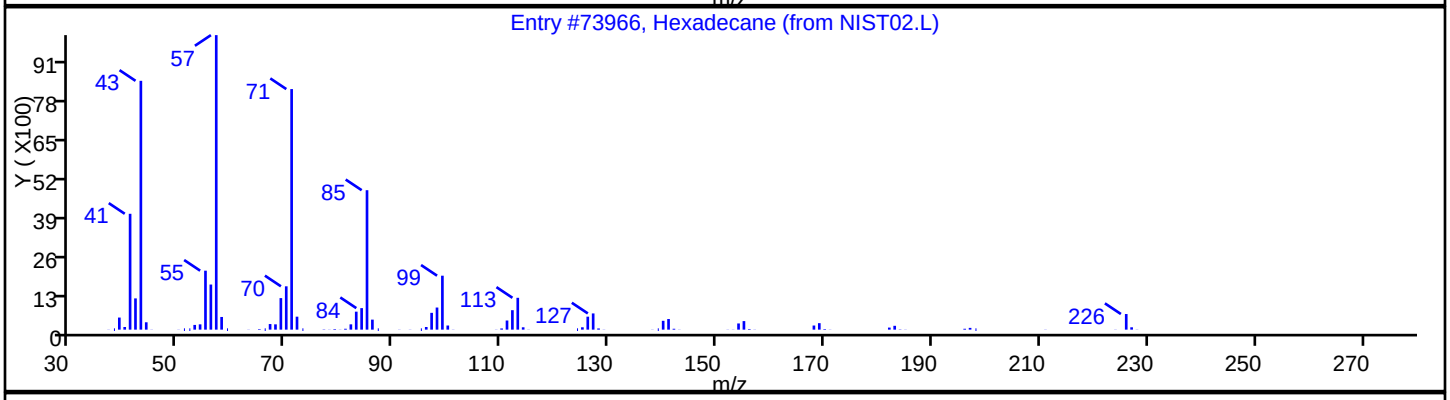
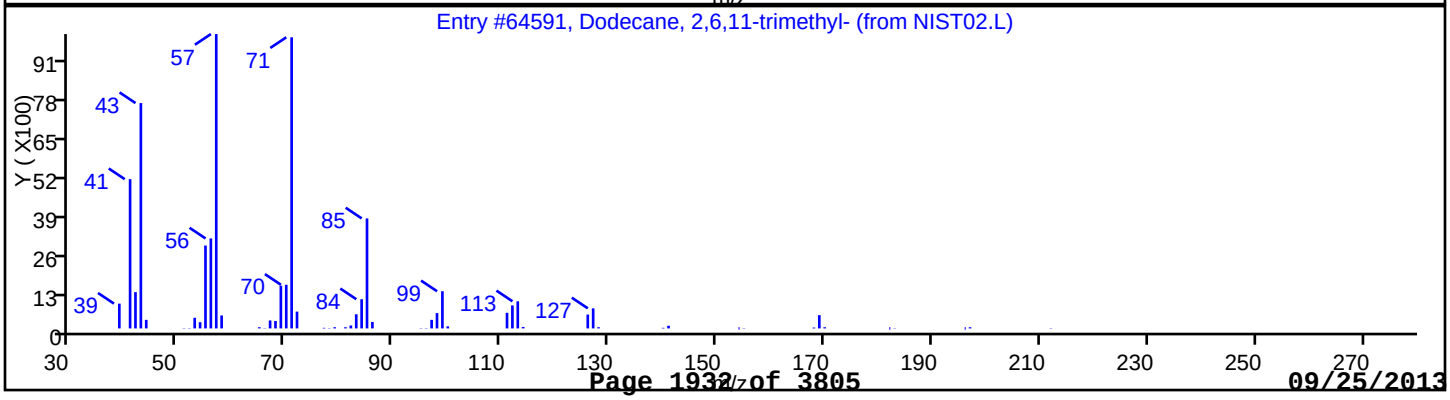
Injection Date:	19-Sep-2013 18:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-SD	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Nonadecane	629-92-5	NIST02.L	99476	98
Hexadecane	544-76-3	NIST02.L	73966	95
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	91









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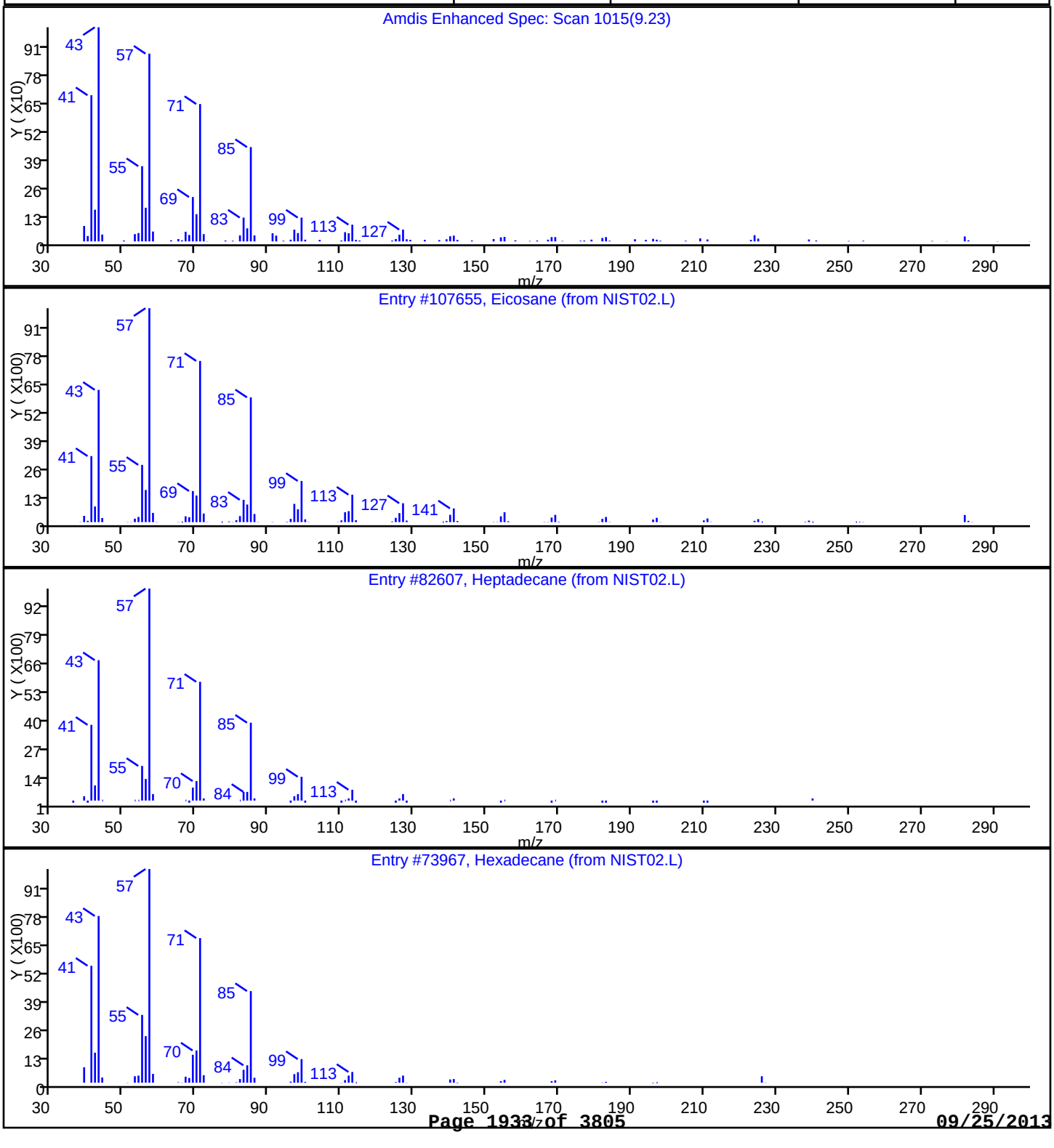
Injection Date:	19-Sep-2013 18:20:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-27SE-SD	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Eicosane	112-95-8	NIST02.L	107655	97
Heptadecane	629-78-7	NIST02.L	82607	91
Hexadecane	544-76-3	NIST02.L	73967	91



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-VD | Lab Sample ID: 460-62968-5

Matrix: Solid | Lab File ID: U90998.D

Analysis Method: 8270C | Date Collected: 09/12/2013 09:20

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 07:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	60	U	350	60
106-44-5	4-Methylphenol	69	U	350	69
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.9	U	35	5.9
98-95-3	Nitrobenzene	5.0	U	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	43	U	350	43
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	87	U	350	87
120-83-2	2,4-Dichlorophenol	52	U	350	52
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	41	U	350	41
106-47-8	4-Chloroaniline	93	U	350	93
87-68-3	Hexachlorobutadiene	8.6	U	71	8.6
105-60-2	Caprolactam	81	U	350	81
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	710	150
606-20-2	2,6-Dinitrotoluene	11	U	71	11
131-11-3	Dimethyl phthalate	42	U	350	42
208-96-8	Acenaphthylene	42	U	350	42
99-09-2	3-Nitroaniline	120	U	710	120
83-32-9	Acenaphthene	51	U	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-VD | Lab Sample ID: 460-62968-5

Matrix: Solid | Lab File ID: U90998.D

Analysis Method: 8270C | Date Collected: 09/12/2013 09:20

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 07:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | 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	50	J	350	43
121-14-2	2,4-Dinitrotoluene	12	U	71	12
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
534-52-1	4,6-Dinitro-2-methylphenol	96	U	1100	96
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	54	U	350	54
120-12-7	Anthracene	43	U	350	43
86-74-8	Carbazole	42	U	350	42
85-01-8	Phenanthrene	45	U	350	45
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	30	U	350	30
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.7	U	35	2.7
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.5	U	35	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.6	U	35	6.6
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-VD Lab Sample ID: 460-62968-5

Matrix: Solid Lab File ID: U90998.D

Analysis Method: 8270C Date Collected: 09/12/2013 09:20

Extract. Method: 3541 Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 07:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	71		38-105
4165-62-2	Phenol-d5	101		41-118
1718-51-0	Terphenyl-d14	82		16-151
118-79-6	2,4,6-Tribromophenol	97		10-120
367-12-4	2-Fluorophenol	97		37-125
321-60-8	2-Fluorobiphenyl	69		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-VD Lab Sample ID: 460-62968-5

Matrix: Solid Lab File ID: U90998.D

Analysis Method: 8270C Date Collected: 09/12/2013 09:20

Extract. Method: 3541 Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 07:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 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\CBNAMS4\20130919-4790.b\U90998.D		
Lims ID:	460-62968-E-5-B	Client ID:	PMP-19SE-VD
Inject. Date:	19-Sep-2013 07:49:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004790-014		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	182070	Lims Sample ID:	14
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m		
Last Update:	20-Sep-2013 11:16:04	Calib Date:	18-Sep-2013 15:35:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90967.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:	19-Sep-2013 09:11:17

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.750	2.740	0.010	83	548078	96.8	
$ 6 Phenol-d5	99	3.678	3.692	-0.014	58	677780	100.5	
* 13 1,4-Dichlorobenzene-d4	152	4.016	4.023	-0.007	92	201824	40.0	
$ 25 Nitrobenzene-d5	82	4.574	4.588	-0.014	93	434836	35.6	
* 35 Naphthalene-d8	136	5.295	5.310	-0.015	97	839063	40.0	
$ 48 2-Fluorobiphenyl	172	6.386	6.398	-0.012	96	709249	34.4	
* 61 Acenaphthene-d10	164	7.043	7.057	-0.014	91	583051	40.0	
$ 76 2,4,6-Tribromophenol	330	7.821	7.832	-0.011	90	523248	96.6	
* 83 Phenanthrene-d10	188	8.497	8.510	-0.013	97	1210082	40.0	
87 Di-n-butyl phthalate	149	9.079	9.094	-0.015	98	28036	0.7080	
$ 91 Terphenyl-d14	244	10.060	10.069	-0.009	98	1483188	41.0	
* 96 Chrysene-d12	240	11.174	11.193	-0.019	96	1396211	40.0	
98 Bis(2-ethylhexyl) phthalate	149	11.213	11.232	-0.019	65	6636	0.2694	
* 103 Perylene-d12	264	13.001	13.017	-0.016	97	1094181	40.0	

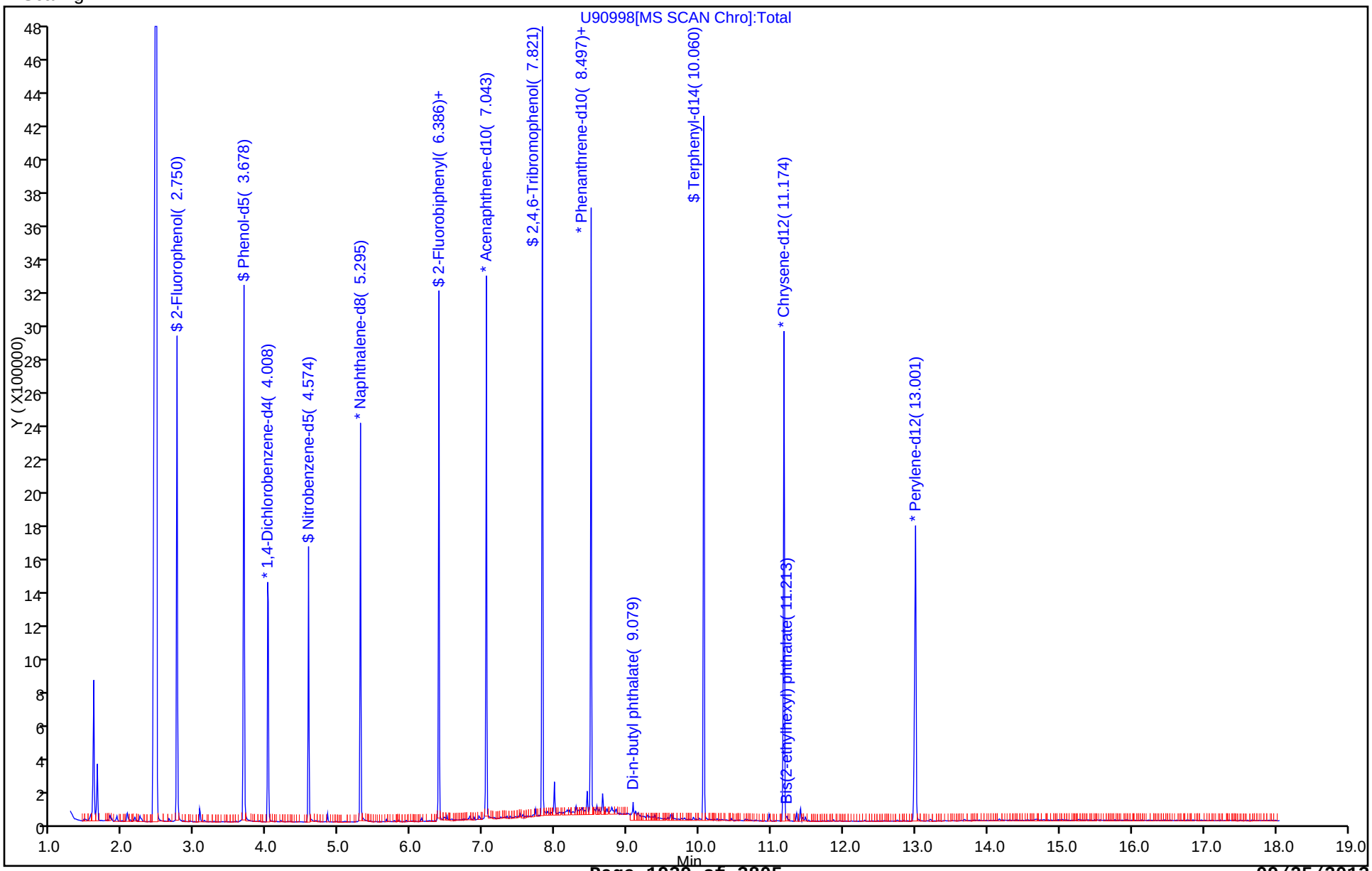
Report Date: 20-Sep-2013 11:18:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90998.D

Injection Date:	19-Sep-2013 07:49:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-19SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Y Scaling:



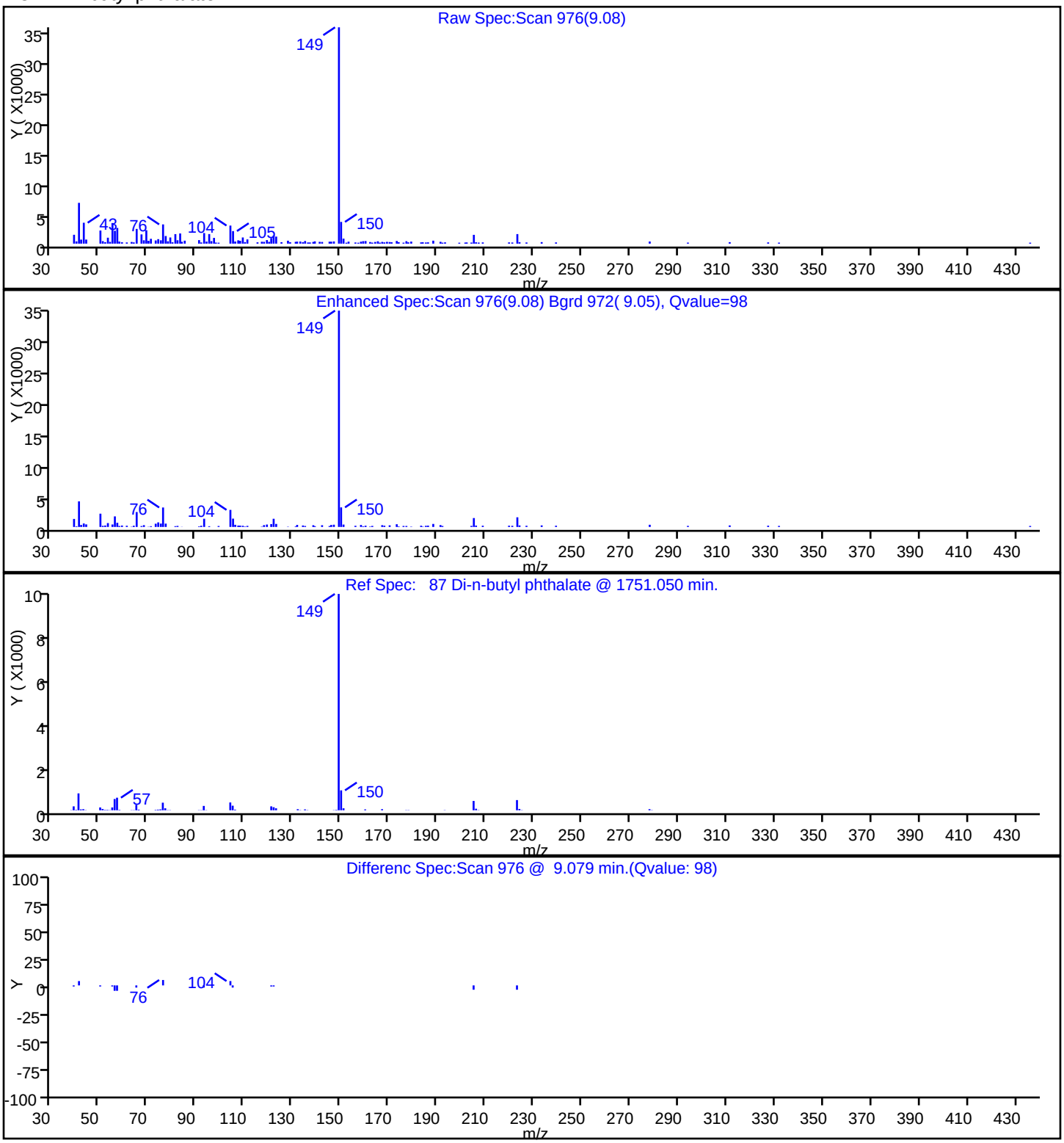
Report Date: 20-Sep-2013 11:18:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90998.D

Injection Date:	19-Sep-2013 07:49:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-19SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

87 Di-n-butyl phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-WT | Lab Sample ID: 460-62968-6

Matrix: Solid | Lab File ID: U90999.D

Analysis Method: 8270C | Date Collected: 09/12/2013 09:25

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 08:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	51	U	380	51
95-57-8	2-Chlorophenol	50	U	380	50
95-48-7	2-Methylphenol	65	U	380	65
106-44-5	4-Methylphenol	75	U	380	75
100-52-7	Benzaldehyde	45	U	380	45
98-86-2	Acetophenone	58	U	380	58
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	380	42
621-64-7	N-Nitrosodi-n-propylamine	6.3	U	38	6.3
98-95-3	Nitrobenzene	5.4	U	38	5.4
67-72-1	Hexachloroethane	4.2	U	38	4.2
78-59-1	Isophorone	46	U	380	46
88-75-5	2-Nitrophenol	42	U	380	42
105-67-9	2,4-Dimethylphenol	94	U	380	94
120-83-2	2,4-Dichlorophenol	56	U	380	56
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
91-20-3	Naphthalene	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.3	U	77	9.3
105-60-2	Caprolactam	88	U	380	88
59-50-7	4-Chloro-3-methylphenol	57	U	380	57
91-57-6	2-Methylnaphthalene	49	U	380	49
118-74-1	Hexachlorobenzene	5.2	U	38	5.2
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
88-06-2	2,4,6-Trichlorophenol	44	U	380	44
95-95-4	2,4,5-Trichlorophenol	49	U	380	49
92-52-4	Diphenyl	51	U	380	51
91-58-7	2-Chloronaphthalene	42	U	380	42
88-74-4	2-Nitroaniline	160	U	770	160
606-20-2	2,6-Dinitrotoluene	11	U	77	11
131-11-3	Dimethyl phthalate	45	U	380	45
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	130	U	770	130
83-32-9	Acenaphthene	55	U	380	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-WT | Lab Sample ID: 460-62968-6

Matrix: Solid | Lab File ID: U90999.D

Analysis Method: 8270C | Date Collected: 09/12/2013 09:25

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 08:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	220	U	1100	220
132-64-9	Dibenzofuran	45	U	380	45
84-66-2	Diethyl phthalate	45	U	380	45
86-73-7	Fluorene	360	J	380	49
206-44-0	Fluoranthene	51	U	380	51
84-74-2	Di-n-butyl phthalate	47	U	380	47
121-14-2	2,4-Dinitrotoluene	13	U	77	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	380	45
100-01-6	4-Nitroaniline	120	U	770	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
1912-24-9	Atrazine	59	U	380	59
120-12-7	Anthracene	46	U	380	46
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	1200		380	48
87-86-5	Pentachlorophenol	110	U	1100	110
129-00-0	Pyrene	300	J	380	32
218-01-9	Chrysene	44	U	380	44
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.7	U	38	2.7
86-30-6	N-Nitrosodiphenylamine	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	7.1	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	49	U	380	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-WT Lab Sample ID: 460-62968-6

Matrix: Solid Lab File ID: U90999.D

Analysis Method: 8270C Date Collected: 09/12/2013 09:25

Extract. Method: 3541 Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.00(g) Date Analyzed: 09/19/2013 08:12

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	71		38-105
4165-62-2	Phenol-d5	89		41-118
1718-51-0	Terphenyl-d14	86		16-151
118-79-6	2,4,6-Tribromophenol	55		10-120
367-12-4	2-Fluorophenol	84		37-125
321-60-8	2-Fluorobiphenyl	50		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-WT | Lab Sample ID: 460-62968-6

Matrix: Solid | Lab File ID: U90999.D

Analysis Method: 8270C | Date Collected: 09/12/2013 09:25

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 08:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 118600

CAS NO.	COMPOUND NAME	RT	RESULT	Q
629-62-9	Pentadecane	7.06	7900	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	7.79	6100	J N
	Unknown alkane	7.86	9600	J
1000104-10-8	3-Methyl-4-(methoxycarbonyl)hexa-2,4-die	8.07	23000	J N
	Unknown alkane	8.23	5900	J
	Unknown	8.26	3900	J
7225-66-3	Tridecane, 7-hexyl-	8.32	3900	J N
38444-81-4	1,1'-Biphenyl, 2,3',5-trichloro-	8.48	3900	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.51	12000	J N
	Unknown alkane	8.65	5200	J
16587-52-3	Dibenzothiophene, 3-methyl-	8.88	7000	J N
16587-52-3	Dibenzothiophene, 3-methyl-	8.96	14000	J N
832-69-9	Phenanthrene, 1-methyl-	9.05	6400	J N
2531-84-2	Phenanthrene, 2-methyl-	9.08	4300	J N
610-48-0	Anthracene, 1-methyl-	9.16	5500	J N

Report Date: 20-Sep-2013 13:14:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90999.D		
Lims ID:	460-62968-E-6-B	Client ID:	PMP-19SE-WT
Inject. Date:	19-Sep-2013 08:12:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004790-015		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	182070	Lims Sample ID:	15
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m		
Last Update:	20-Sep-2013 13:14:06	Calib Date:	18-Sep-2013 15:35:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90967.D		
Limit Group:	SV 8270 ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm
Process Host:	XAWRK029		
First Level Reviewer: szczecha		Date:	20-Sep-2013 13:14:06

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.749	2.740	0.009	85	659904	84.3	
$ 6 Phenol-d5	99	3.680	3.692	-0.012	52	831079	89.1	
* 13 1,4-Dichlorobenzene-d4	152	4.016	4.023	-0.007	95	279088	40.0	
$ 25 Nitrobenzene-d5	82	4.578	4.588	-0.010	93	555214	35.5	
* 35 Naphthalene-d8	136	5.301	5.310	-0.009	98	1075282	40.0	
$ 48 2-Fluorobiphenyl	172	6.390	6.398	-0.008	96	901321	24.8	
* 61 Acenaphthene-d10	164	7.058	7.057	0.001	78	1028176	40.0	
70 Fluorene	166	7.607	7.598	0.009	62	161769	4.71	
$ 76 2,4,6-Tribromophenol	330	7.859	7.832	0.027	66	526489	55.1	
* 83 Phenanthrene-d10	188	8.548	8.510	0.038	97	1328732	40.0	
84 Phenanthrene	178	8.571	8.532	0.039	81	519938	15.3	
90 Pyrene	202	9.933	9.916	0.017	93	121671	3.97	
$ 91 Terphenyl-d14	244	10.087	10.069	0.018	97	1044780	43.2	
* 96 Chrysene-d12	240	11.179	11.193	-0.014	97	933505	40.0	
* 103 Perylene-d12	264	13.000	13.017	-0.017	97	869448	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90999.D		
Lims ID:	460-62968-E-6-B	Client ID:	PMP-19SE-WT
Inject. Date:	19-Sep-2013 08:12:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004790-015		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	182070	Lims Sample ID:	15
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m		
Last Update:	20-Sep-2013 13:14:06	Calib Date:	18-Sep-2013 15:35:30
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:	XAWRK029		
First Level Reviewer: szczecha		Date:	20-Sep-2013 13:14:06

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
	629-62-9 Pentadecane					
7.058	22767161	102.6	83	95	64574	
	3892-00-0 Pentadecane, 2,6,10-trimethyl-					
7.790	45518786	80.0	61	91	91053	
	Unknown alkane					
7.859	27827339	125.4	83	0	0	
	1000104-10-8 3-Methyl-4-(methoxycarbonyl)hexa-2,4-die					
8.073	66323920	298.8	83	95	45954	
	Unknown alkane					
8.226	17053460	76.8	83	0	0	
	Unknown					
8.256	11159609	50.3	83			
	7225-66-3 Tridecane, 7-hexyl-					
8.318	11286951	50.8	83	95	99478	
	38444-81-4 1,1'-Biphenyl, 2,3',5-trichloro-					
8.479	11421505	51.5	83	90	91790	M
	638-36-8 Hexadecane, 2,6,10,14-tetramethyl-					
8.510	33605384	151.4	83	97	107670	M
	Unknown alkane					
8.648	15064925	67.9	83	0	0	M
	16587-52-3 Dibenzothiophene, 3-methyl-					
8.879	20273256	91.3	83	93	54877	M
	16587-52-3 Dibenzothiophene, 3-methyl-					
8.964	39894673	179.7	83	90	54877	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
	832-69-9 Phenanthrene, 1-methyl-					
9.048	18532380	83.5	83	96	50623	M
	2531-84-2 Phenanthrene, 2-methyl-					
9.079	12485823	56.2	83	95	50627	M
	610-48-0 Anthracene, 1-methyl-					
9.163	16030035	72.2	83	87	50609	M

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 83 Phenanthrene-d10	8.548	8879259	40.0
* 61 Acenaphthene-d10	7.058	22767161	40.0

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

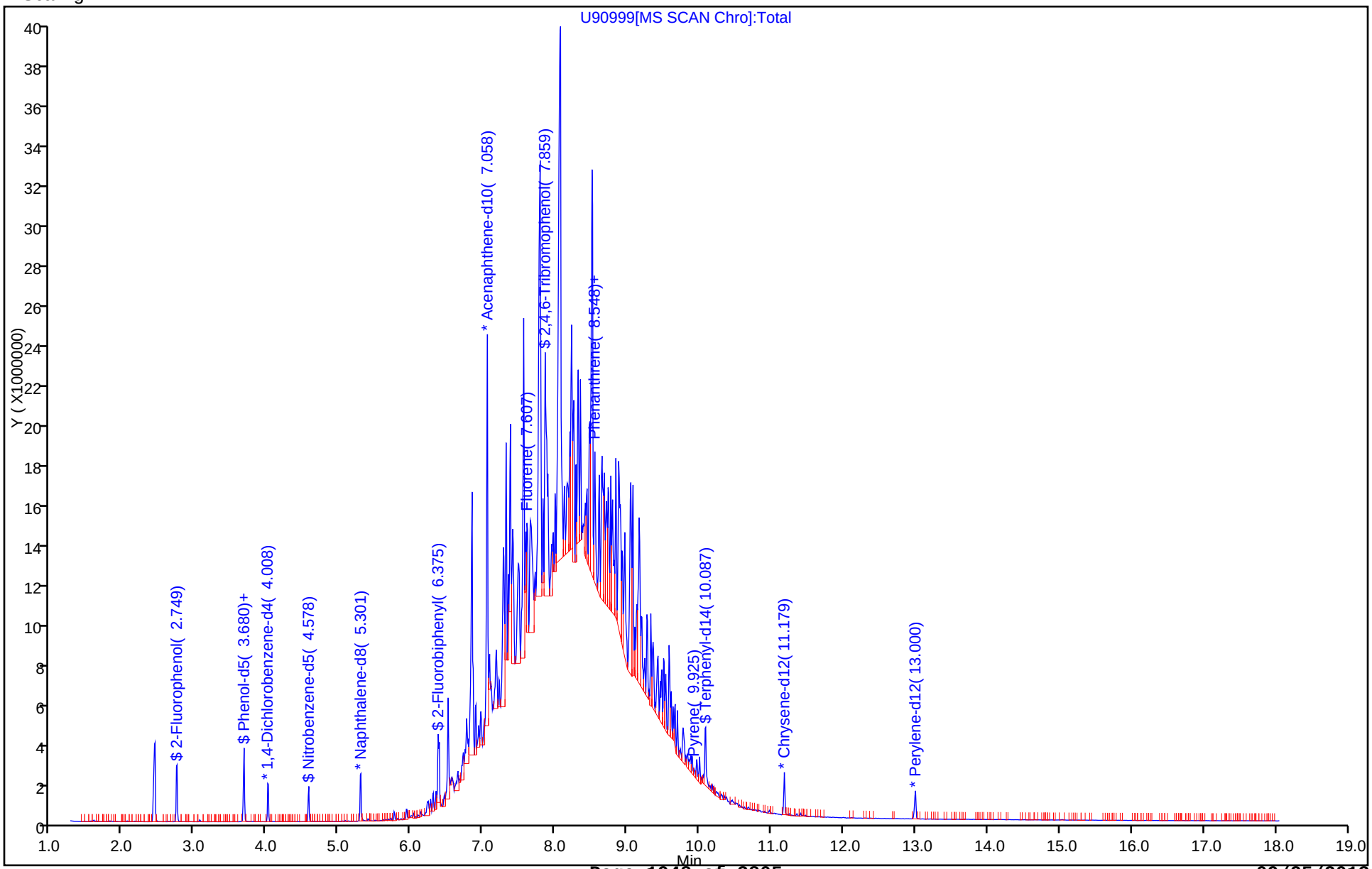
Report Date: 20-Sep-2013 13:14:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90999.D

Injection Date:	19-Sep-2013 08:12:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-19SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Y Scaling:



Report Date: 20-Sep-2013 13:14:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

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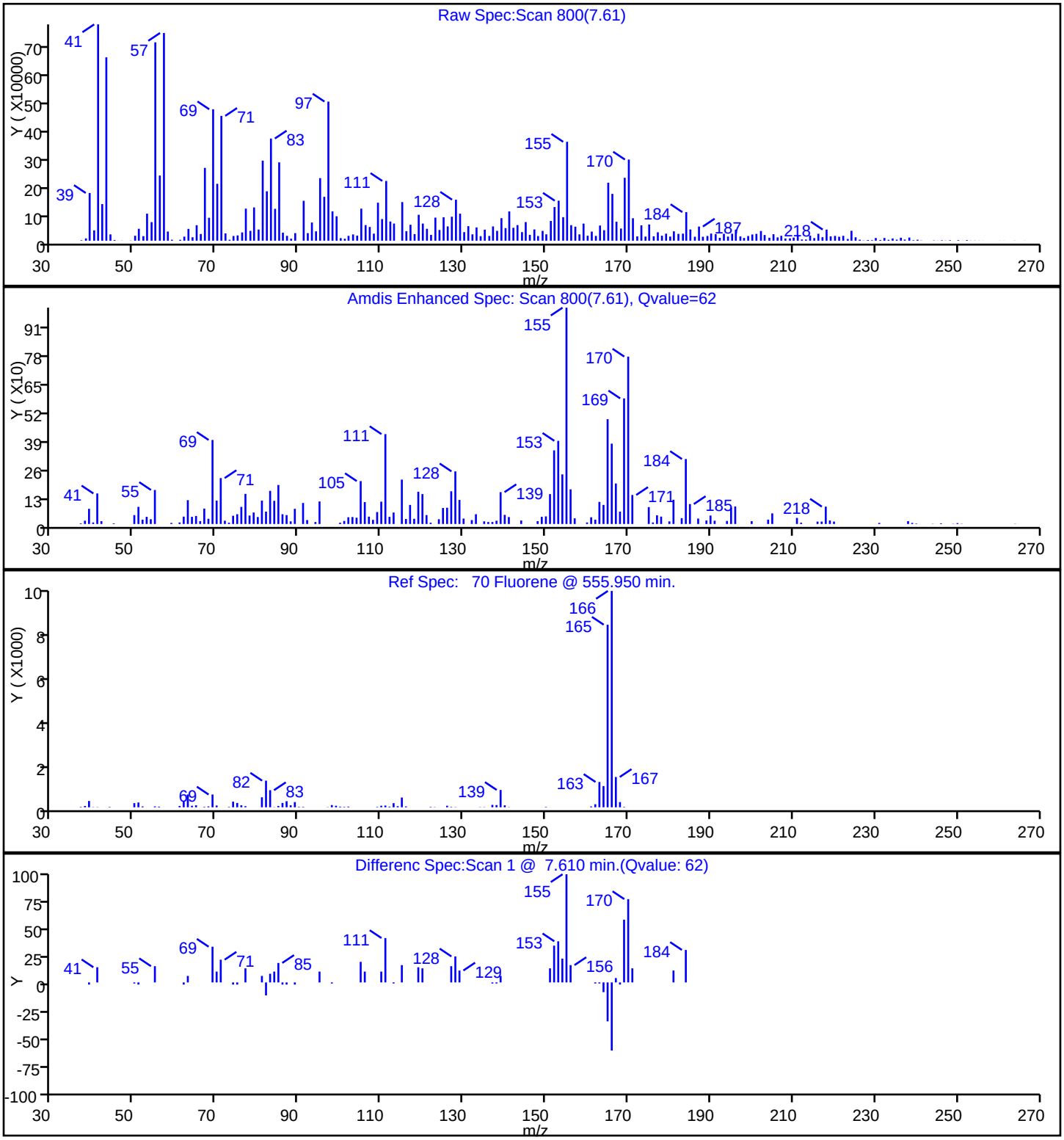
Injection Date:	19-Sep-2013 08:12:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-19SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

70 Fluorene



Report Date: 20-Sep-2013 13:14:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

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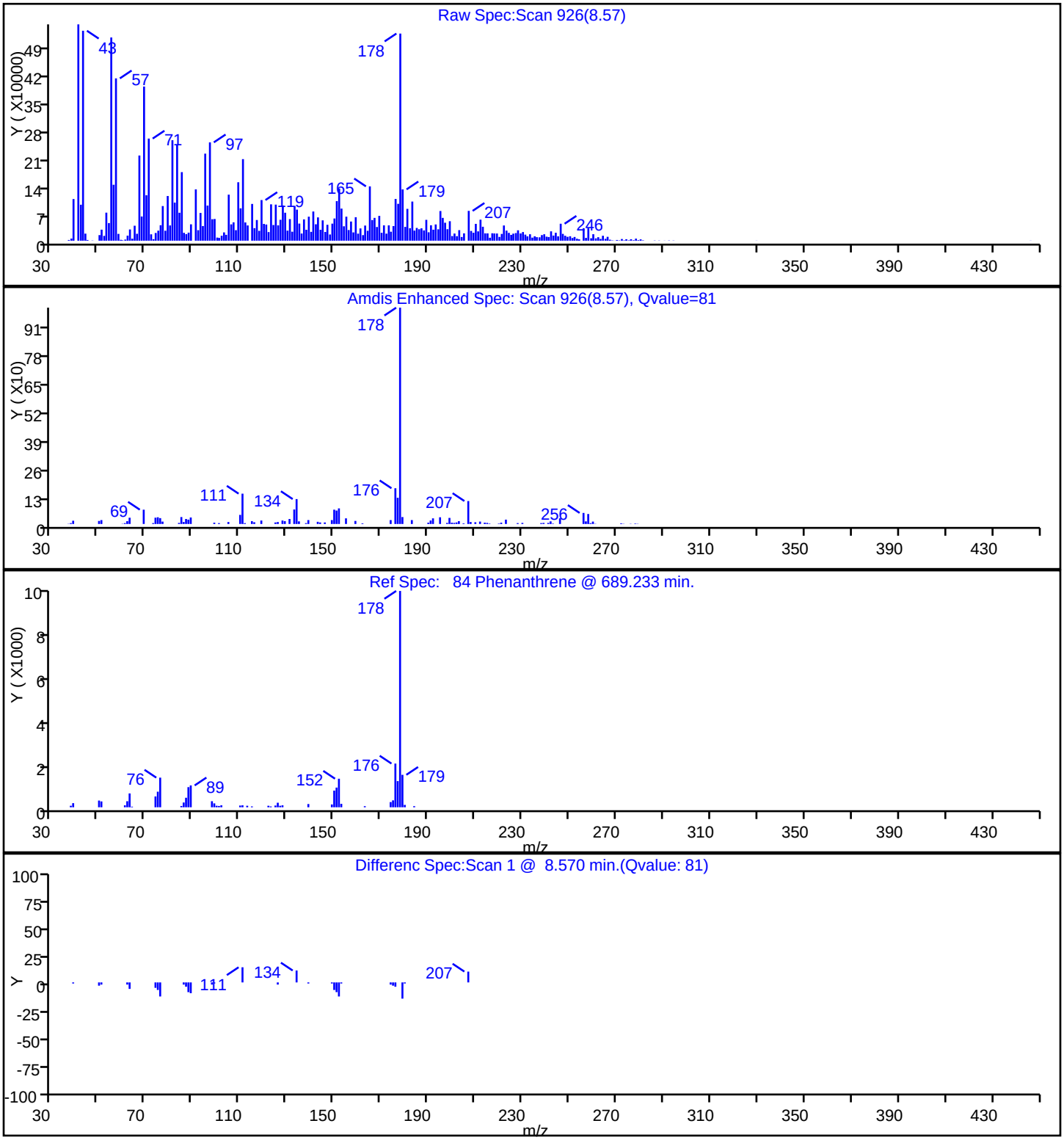
Injection Date:	19-Sep-2013 08:12:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-19SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

84 Phenanthrene



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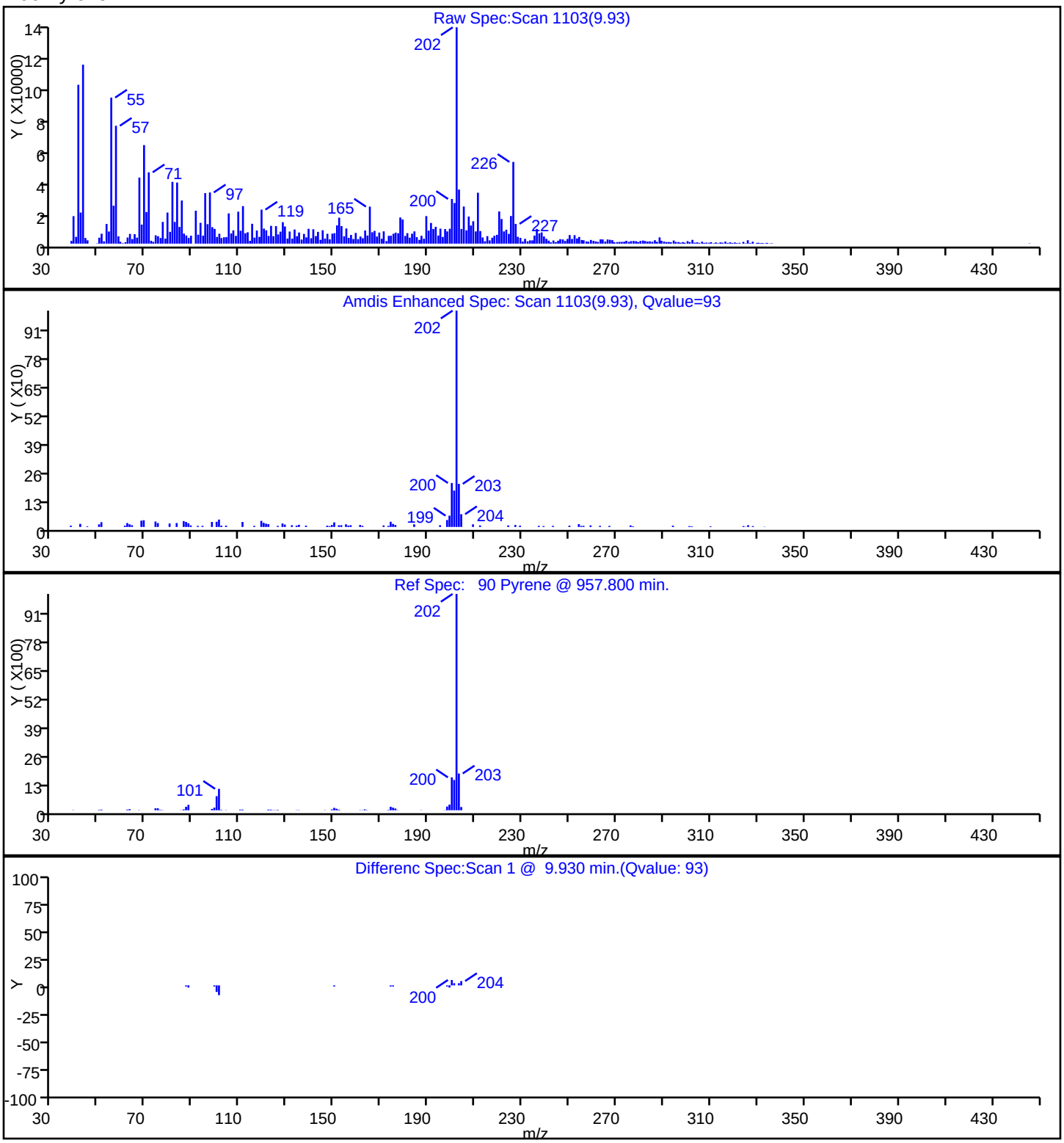
Injection Date:	19-Sep-2013 08:12:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-19SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

90 Pyrene



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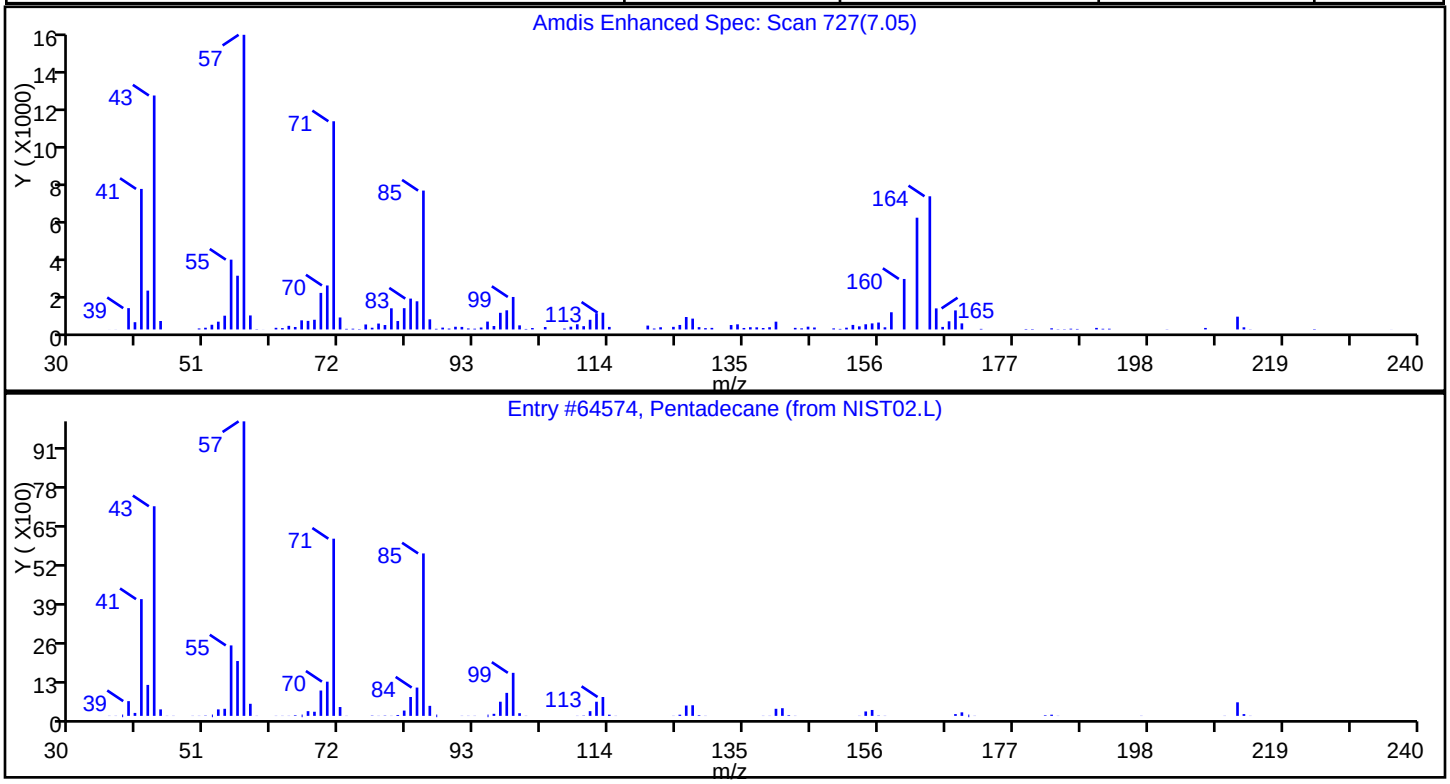
Injection Date:	19-Sep-2013 08:12:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-19SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane	629-62-9	NIST02.L	64574	95



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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90999.D

Injection Date: 19-Sep-2013 08:12:30 Limit Group: SV 8270 ICAL

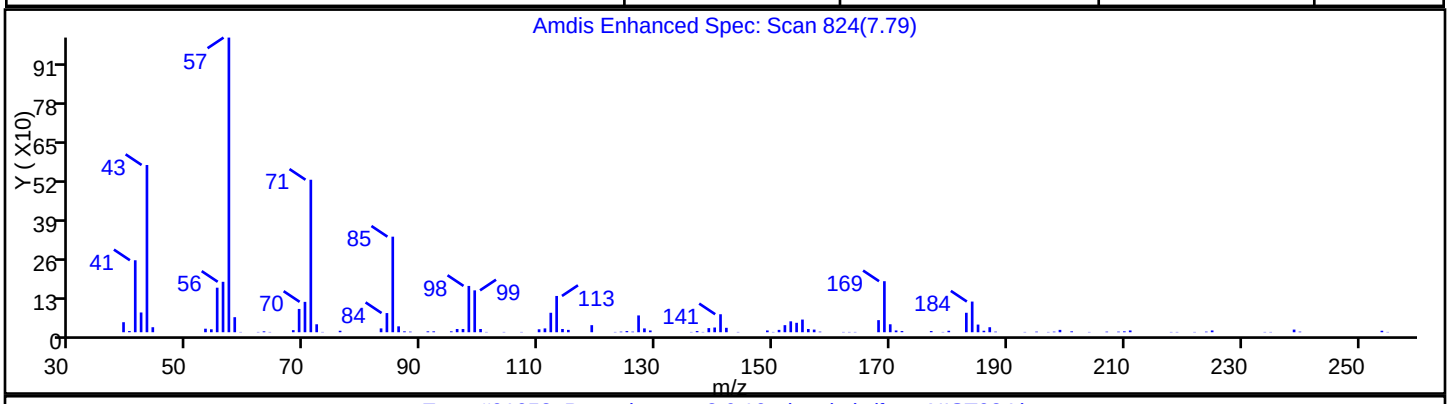
Client ID: PMP-19SE-WT Instrument ID: CBNAMS4

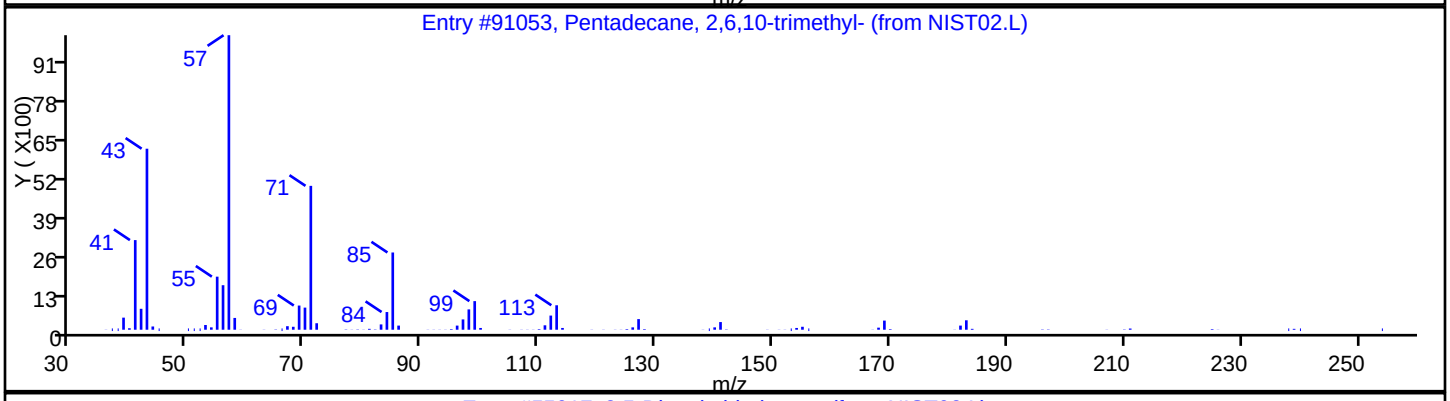
Lims Batch ID: 182070 Lims Sample ID: 15

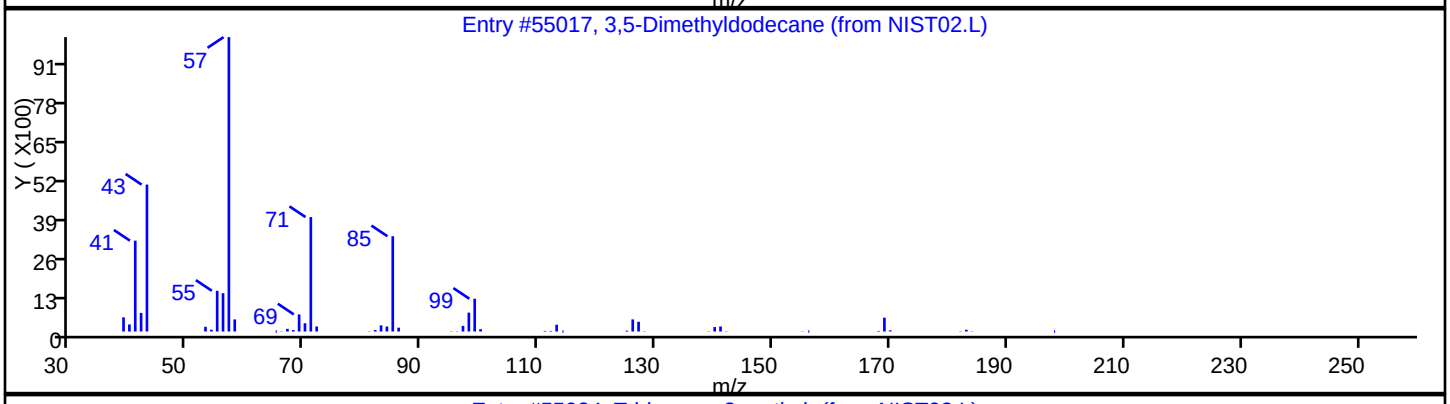
Operator ID: Injection Vol: 1.0 ul

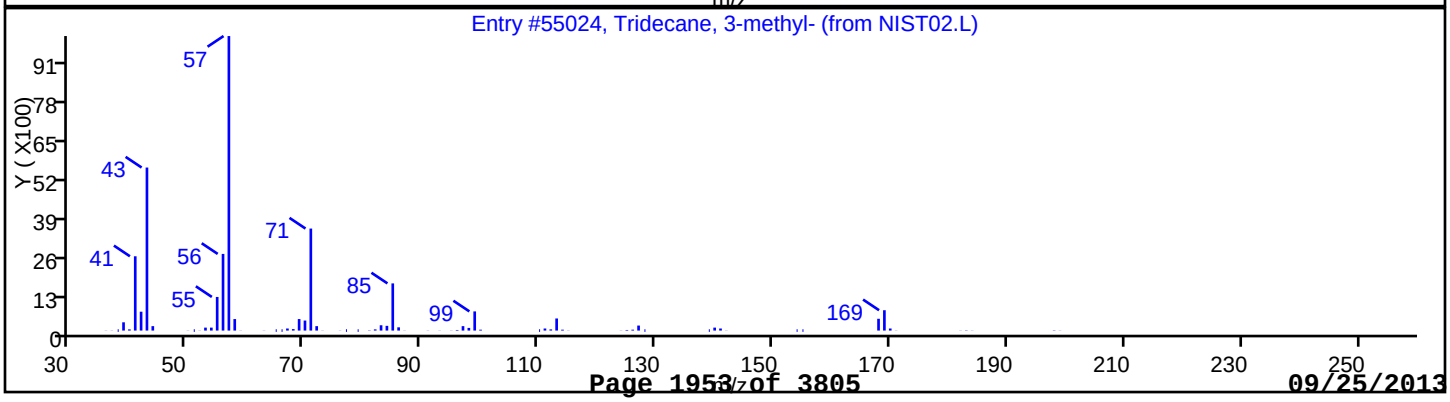
Column Type: Rtxi-5Sil MS Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	91
3,5-Dimethyldodecane	107770-99-0	NIST02.L	55017	76
Tridecane, 3-methyl-	6418-41-3	NIST02.L	55024	74









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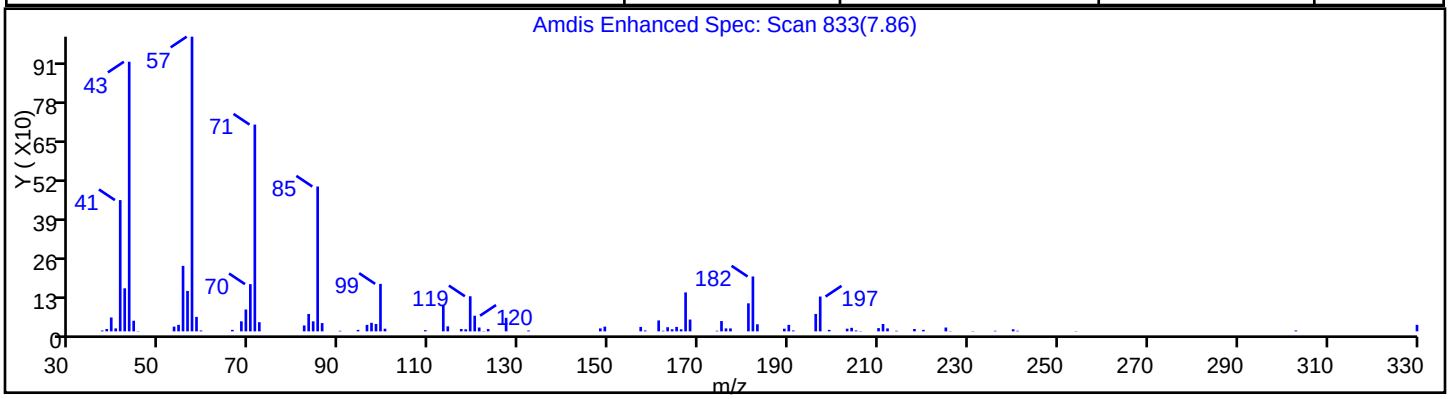
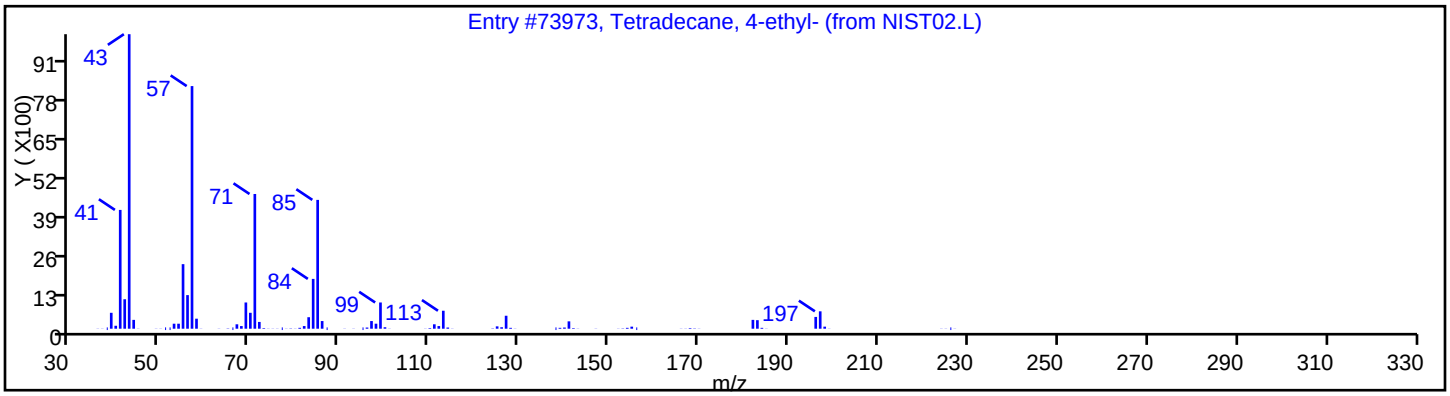
Injection Date:	19-Sep-2013 08:12:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-19SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown alkane		NIST02.L	0	0
Tetradecane, 4-ethyl-	55045-14-2	NIST02.L	73973	76





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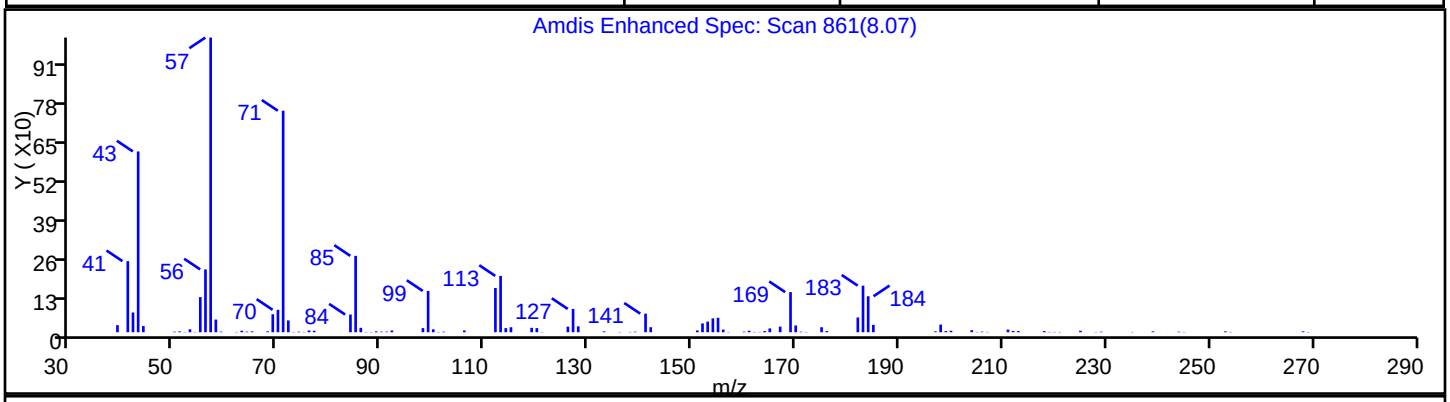
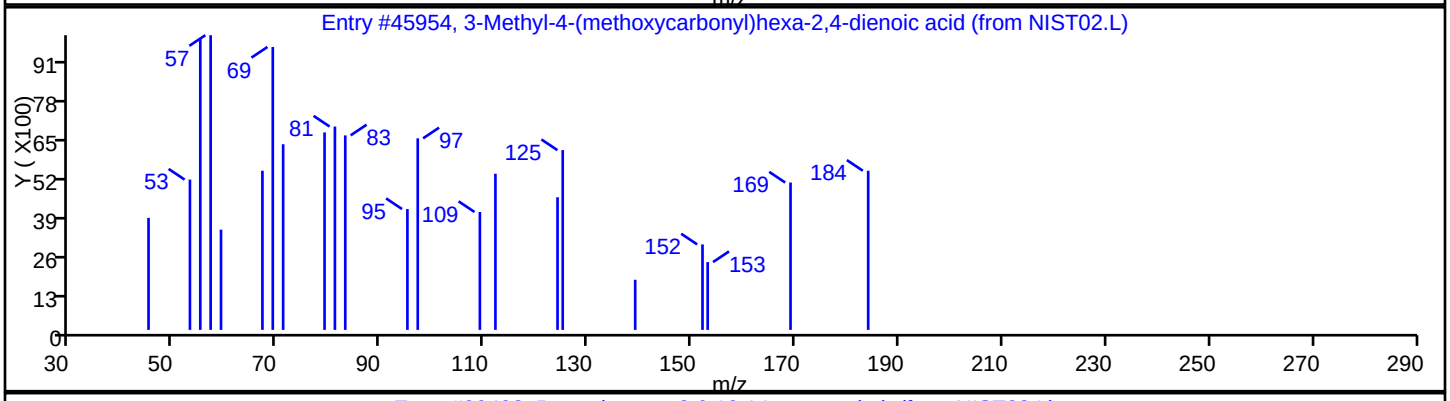
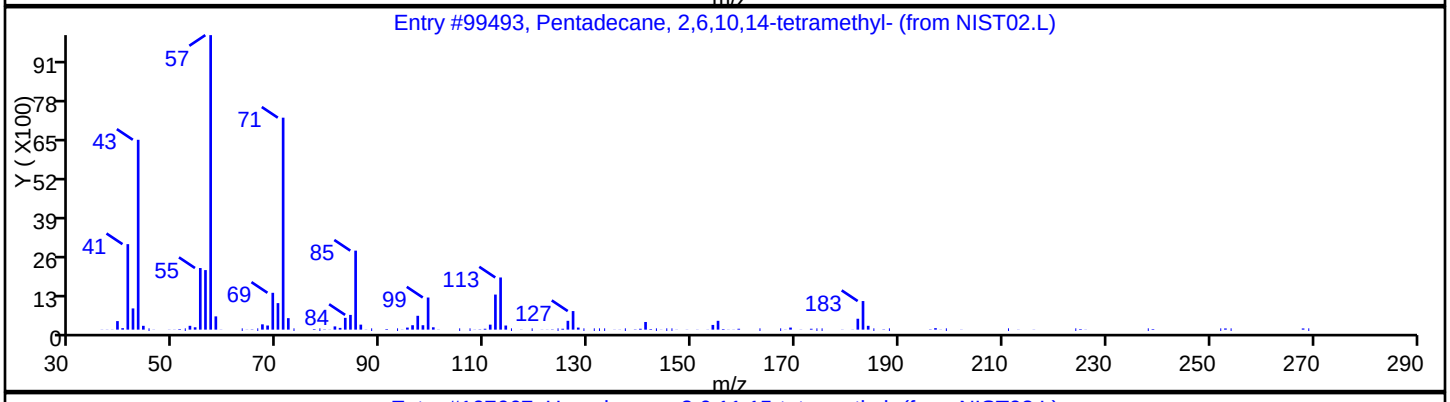
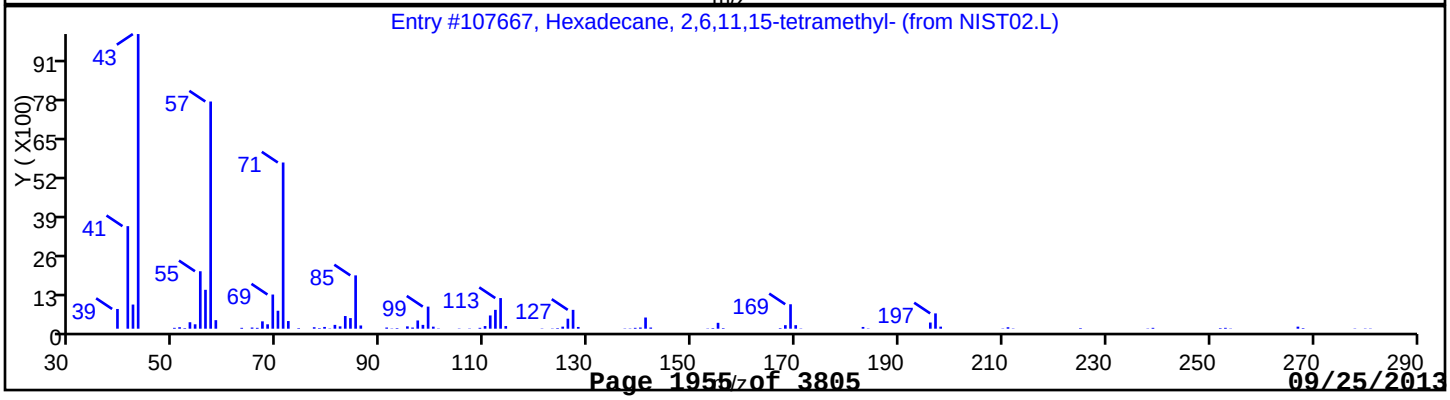
Injection Date:	19-Sep-2013 08:12:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-19SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
3-Methyl-4-(methoxycarbonyl)hexa-2,4-die	1000104-10-8	NIST02.L	45954	95
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	87
Hexadecane, 2,6,11,15-tetramethyl-	504-44-9	NIST02.L	107667	86









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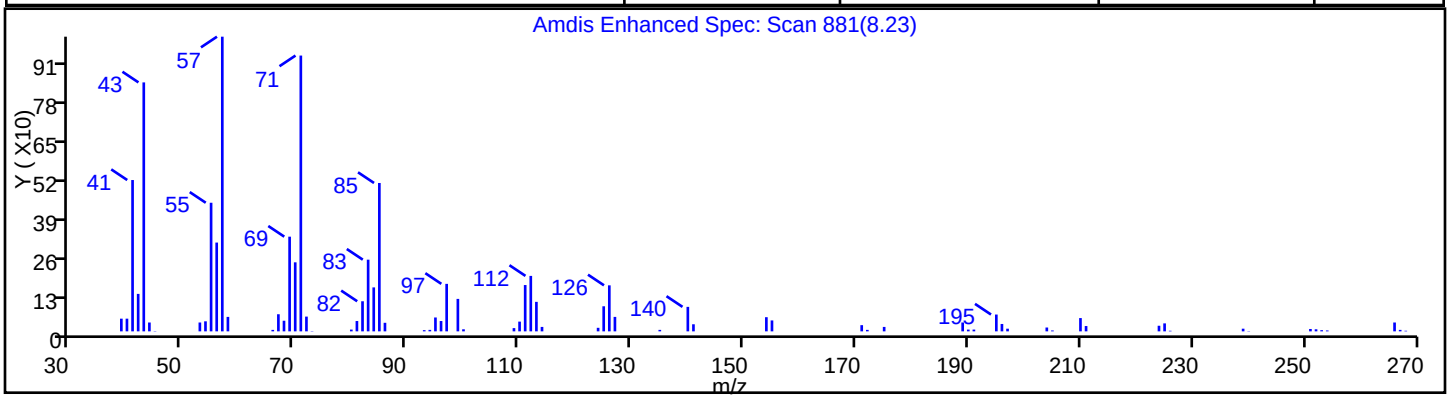
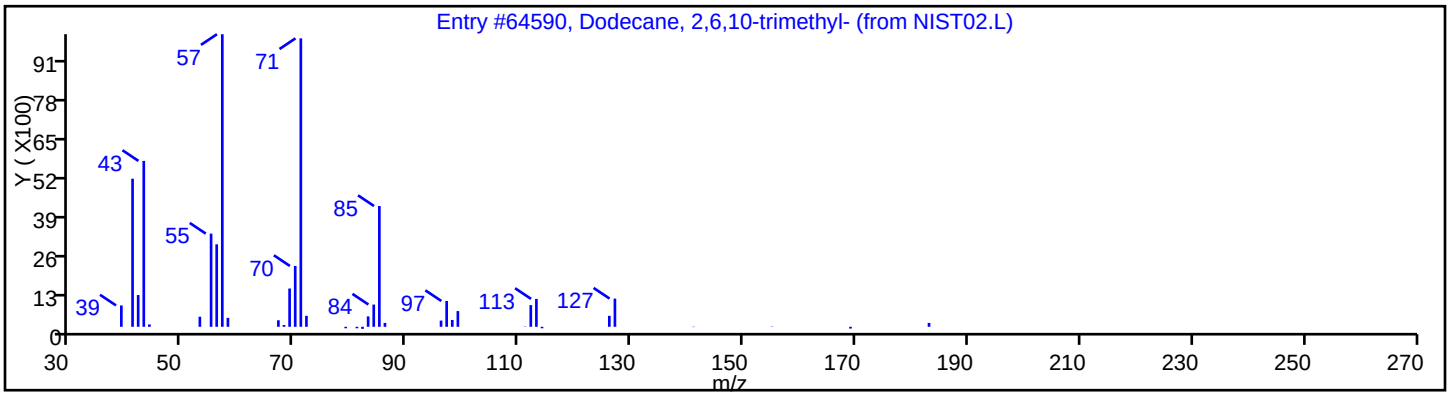
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90999.D

Injection Date:	19-Sep-2013 08:12:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-19SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

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



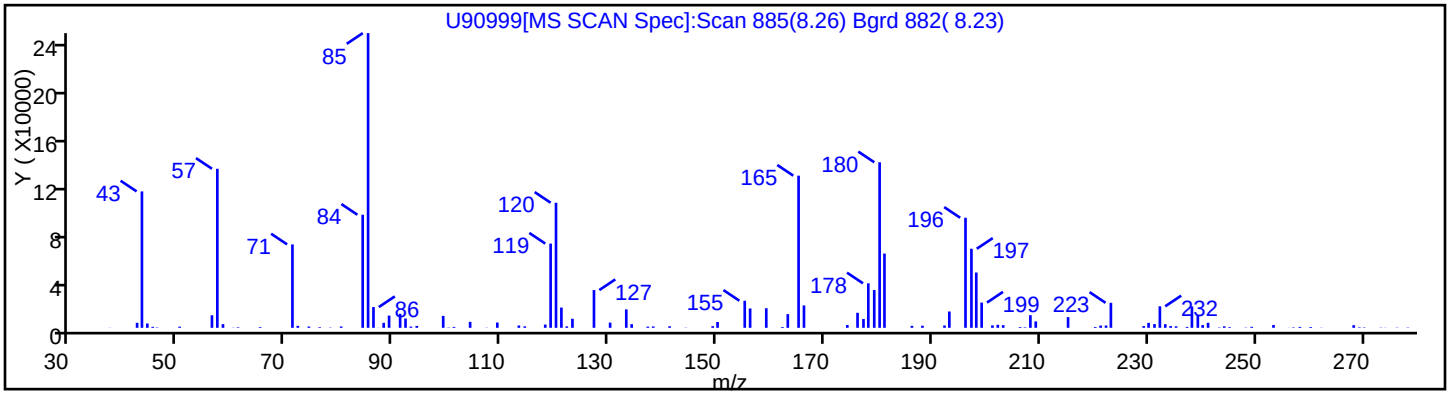


Report Date: 20-Sep-2013 13:14:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90999.D		
Injection Date:	19-Sep-2013 08:12:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-19SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

No Library Matches Found above the Threshold: 75



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TestAmerica Edison

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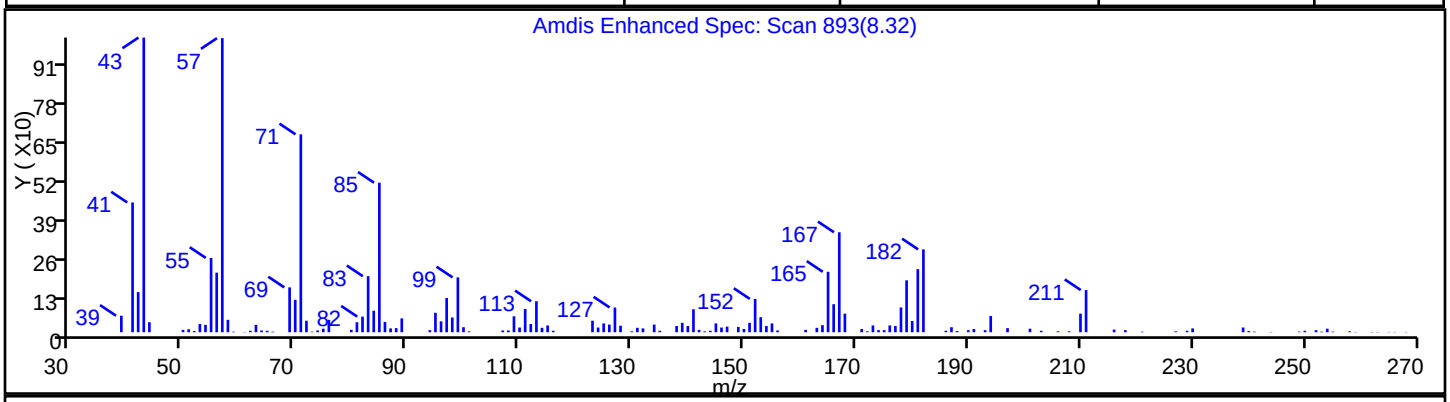
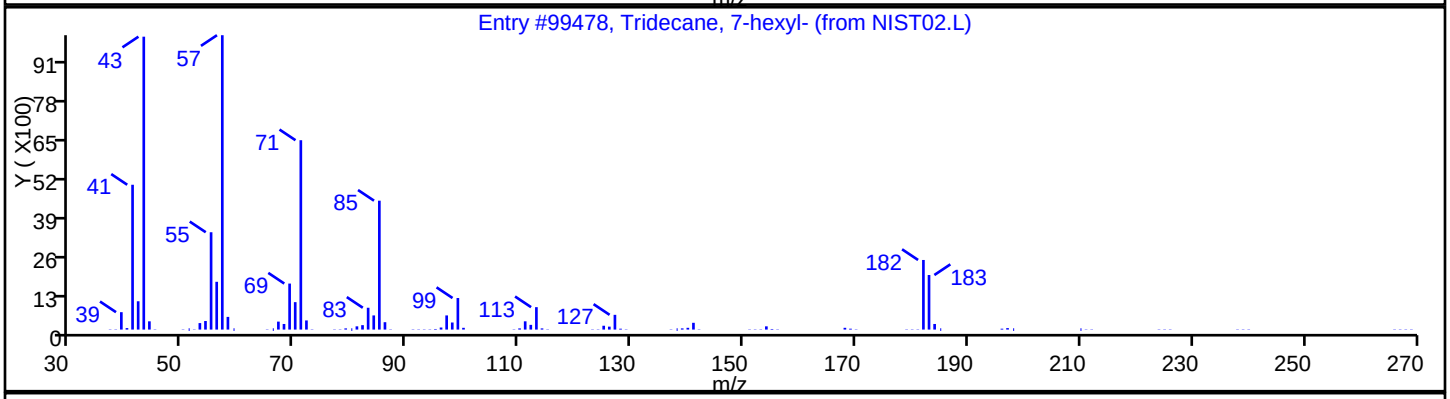
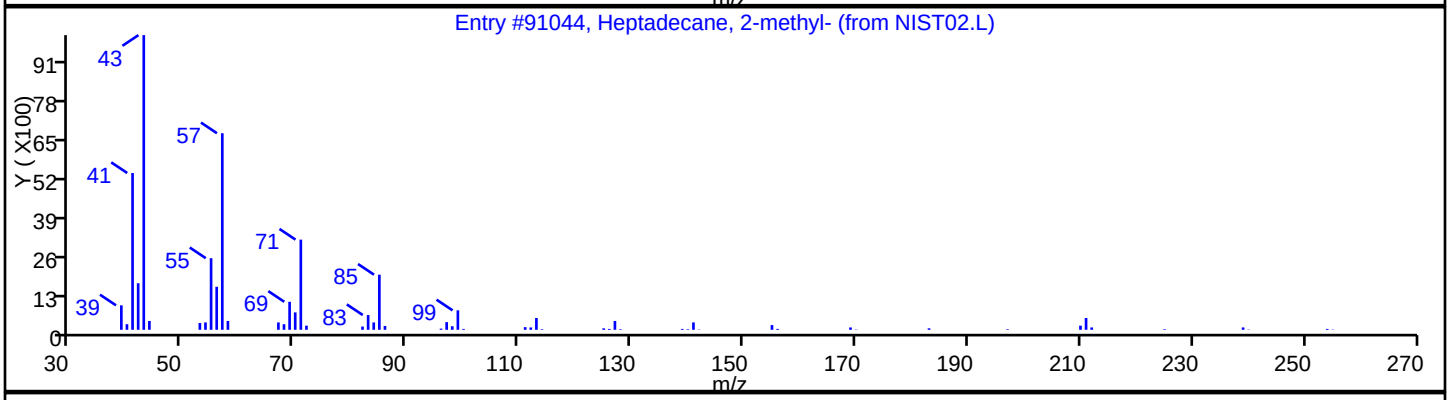
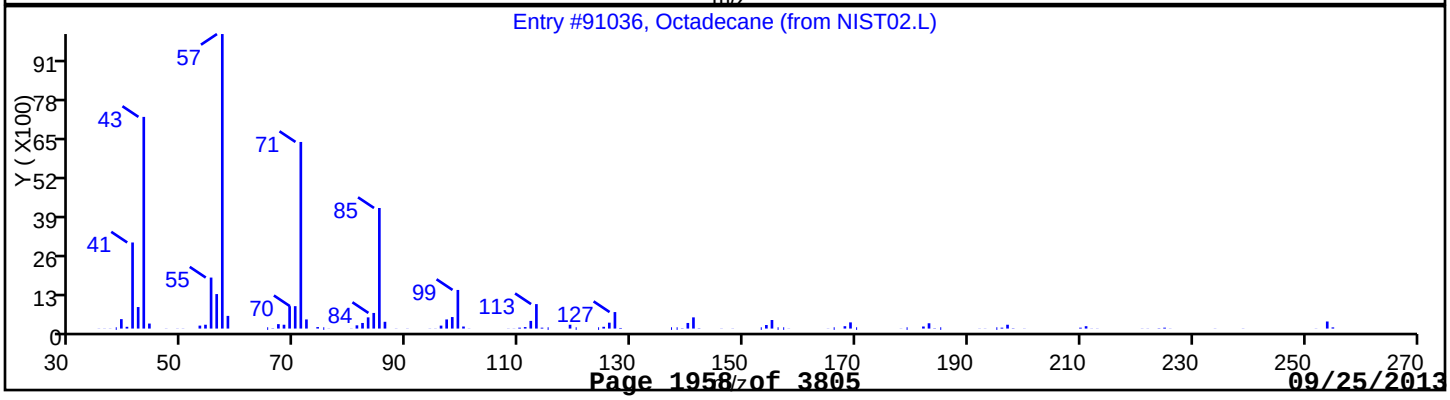
Injection Date:	19-Sep-2013 08:12:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-19SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tridecane, 7-hexyl-	7225-66-3	NIST02.L	99478	95
Heptadecane, 2-methyl-	1560-89-0	NIST02.L	91044	87
Octadecane	593-45-3	NIST02.L	91036	81









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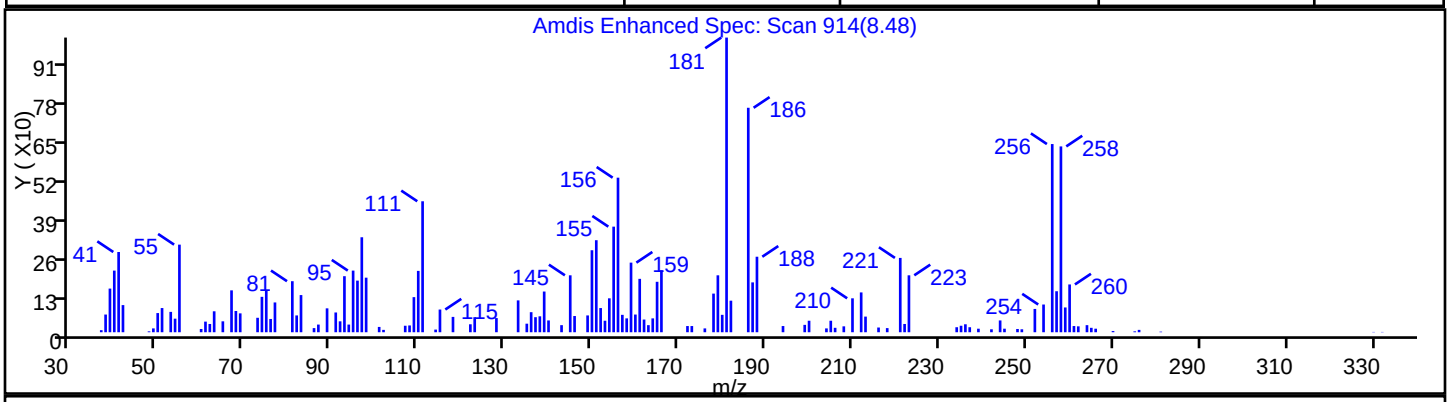
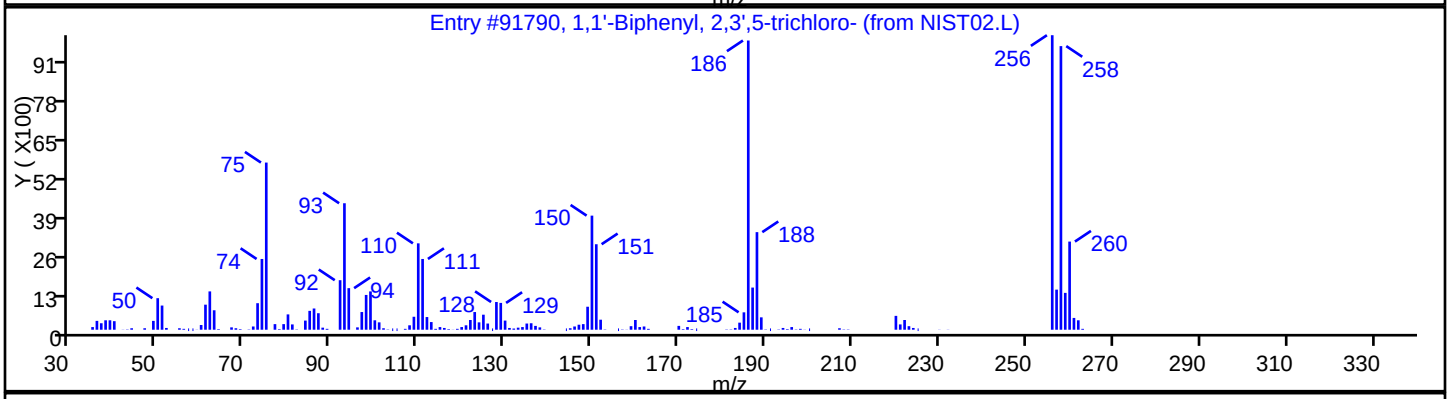
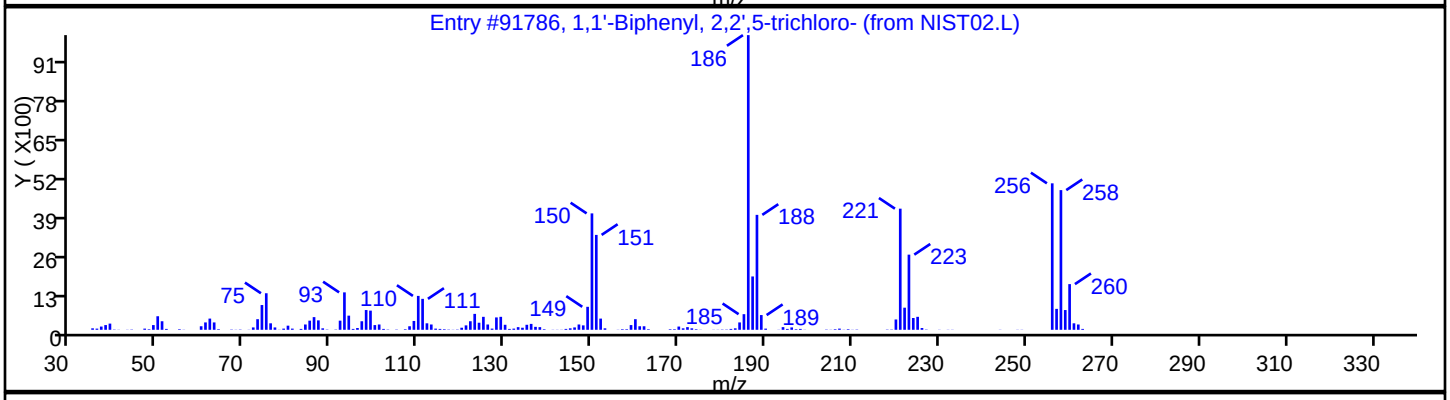
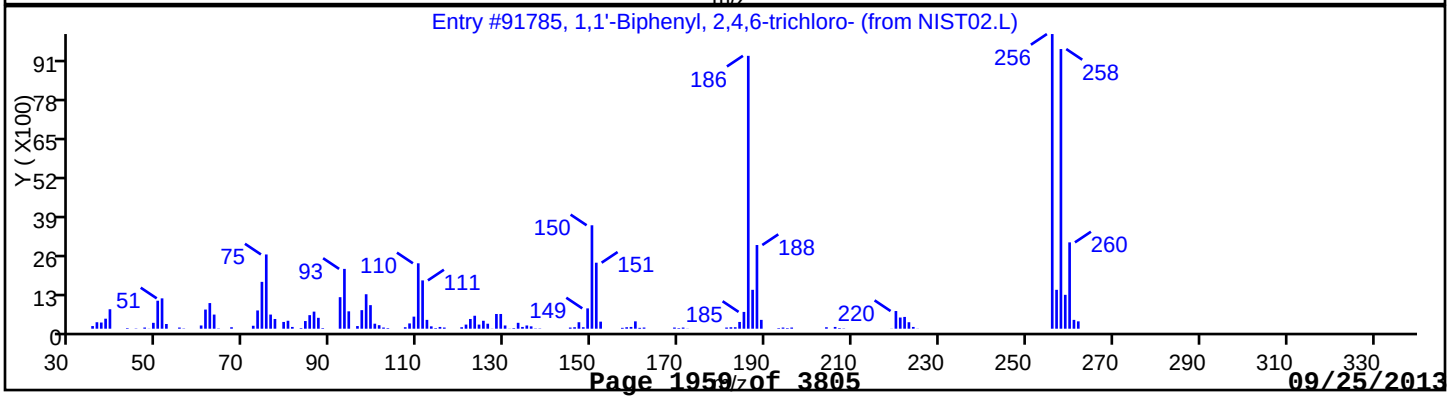
Injection Date:	19-Sep-2013 08:12:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-19SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.L	91790	90
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.L	91786	87
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.L	91785	86









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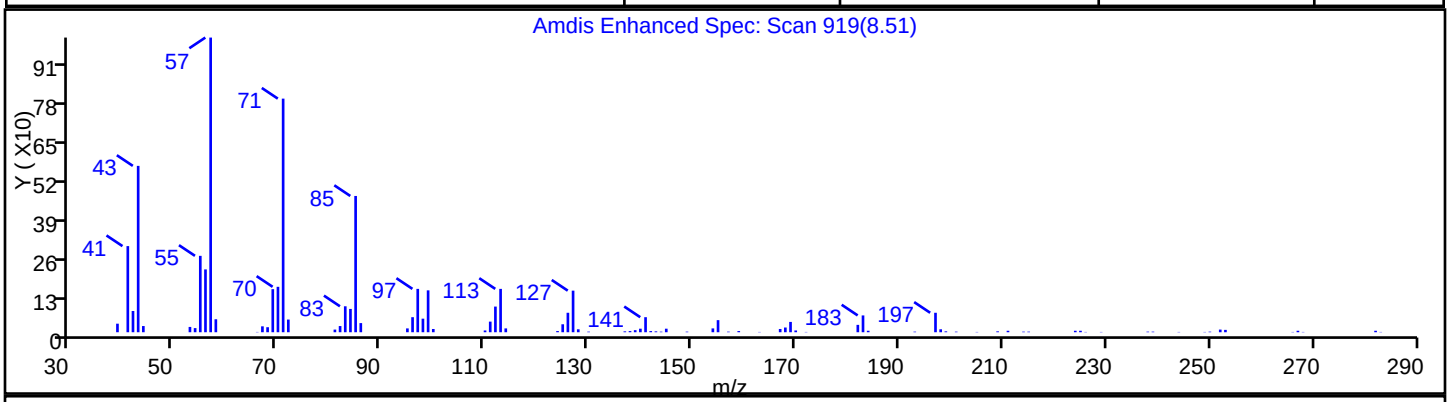
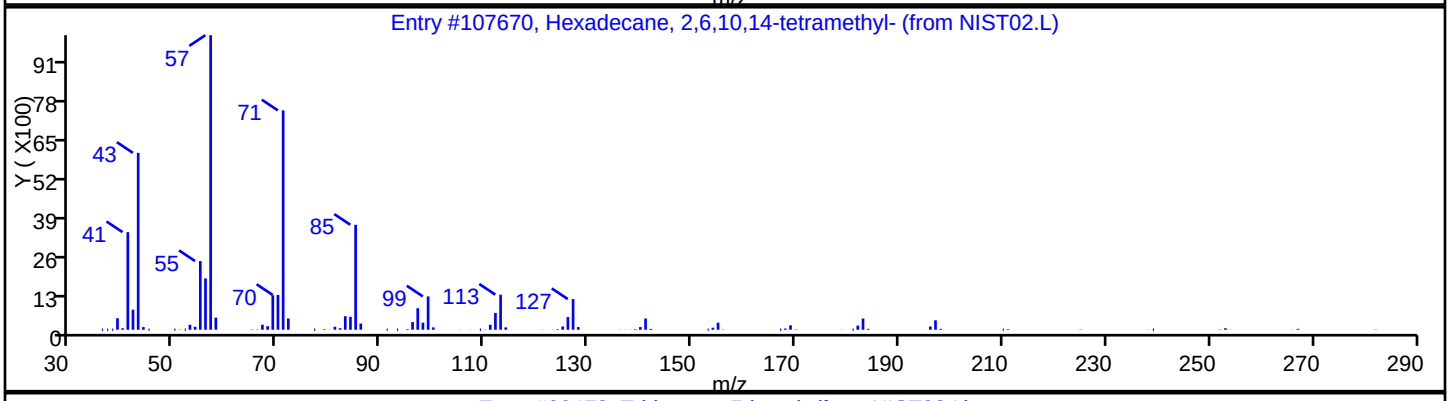
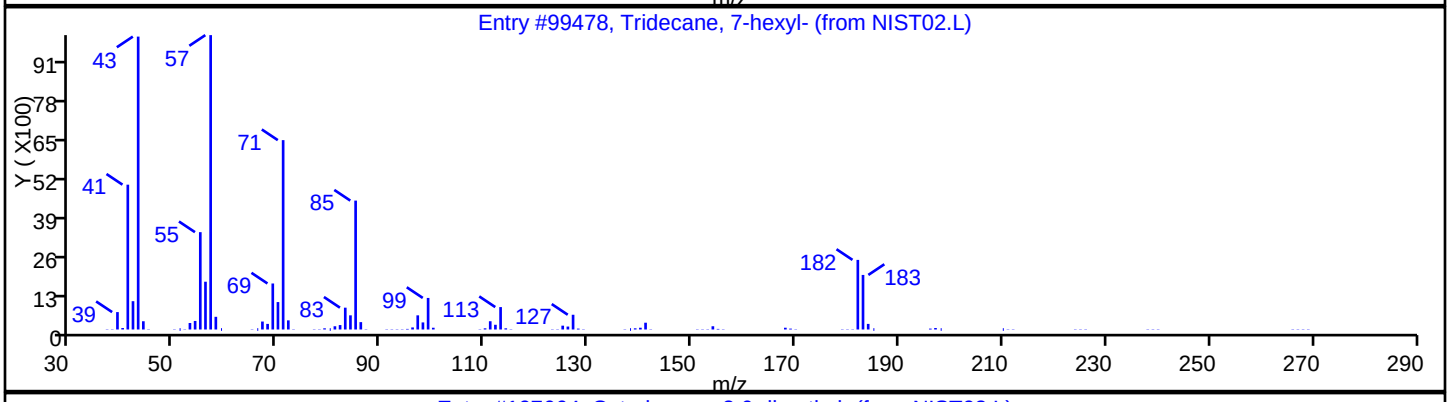
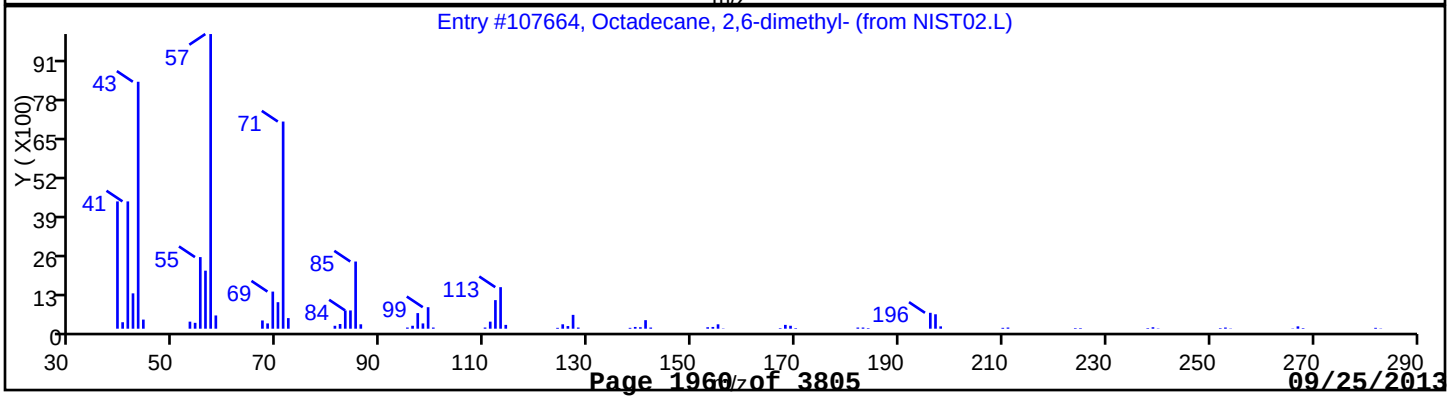
Injection Date:	19-Sep-2013 08:12:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-19SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	97
Tridecane, 7-hexyl-	7225-66-3	NIST02.L	99478	90
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.L	107664	90









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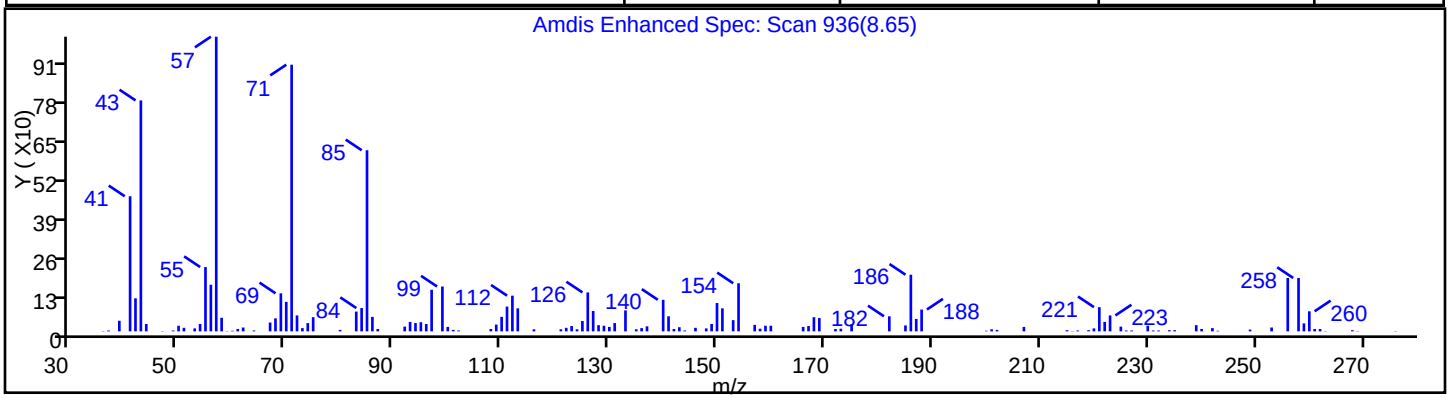
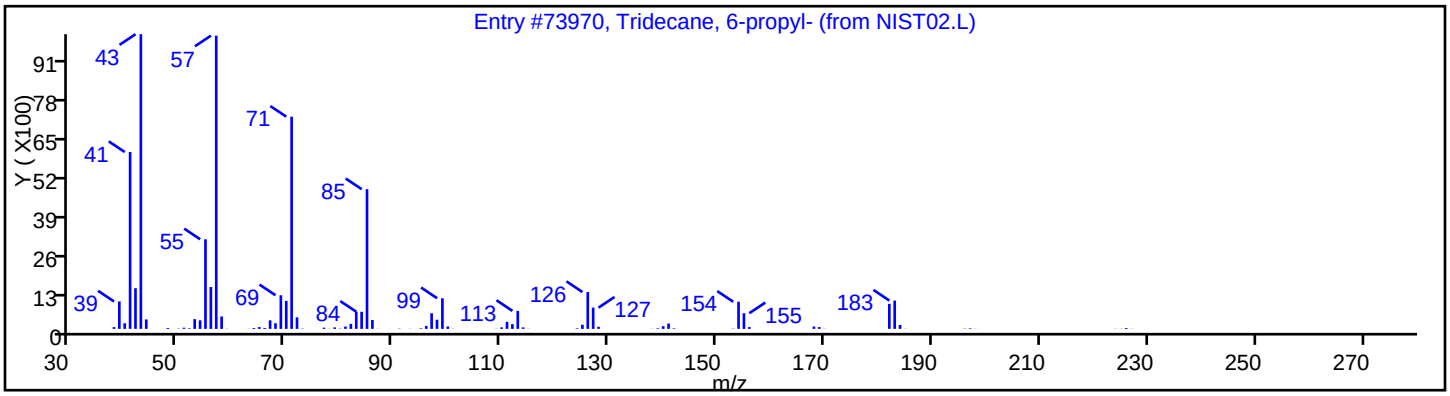
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90999.D
Injection Date: 19-Sep-2013 08:12:30 Limit Group: SV 8270 ICAL
Client ID: PMP-19SE-WT Instrument ID: CBNAMS4
Lims Batch ID: 182070 Lims Sample ID: 15
Operator ID: Injection Vol: 1.0 ul
Column Type: Rtxi-5Sil MS Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown alkane		NIST02.L	0	0
Tridecane, 6-propyl-	55045-10-8	NIST02.L	73970	83





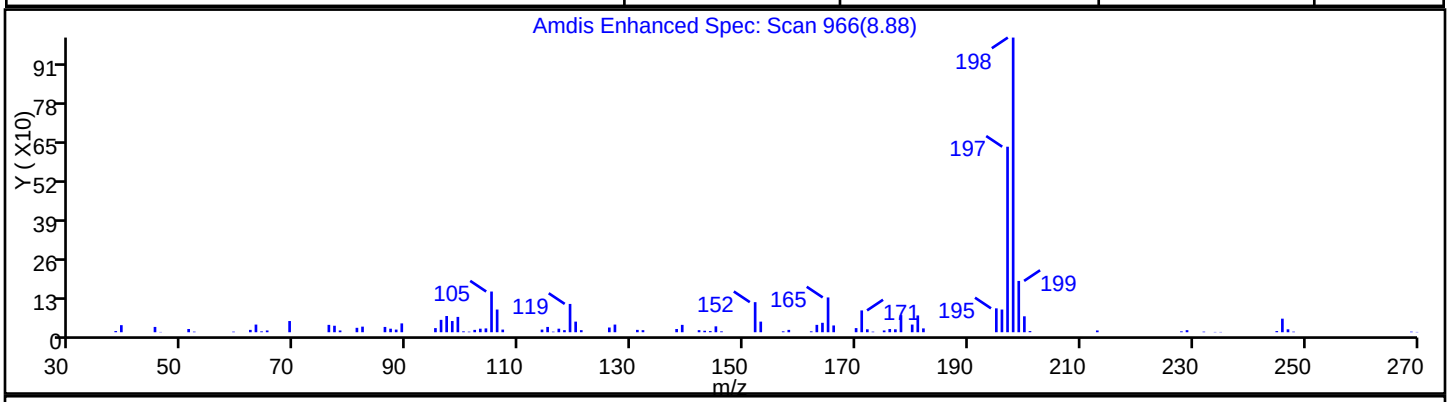
Report Date: 20-Sep-2013 13:14:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

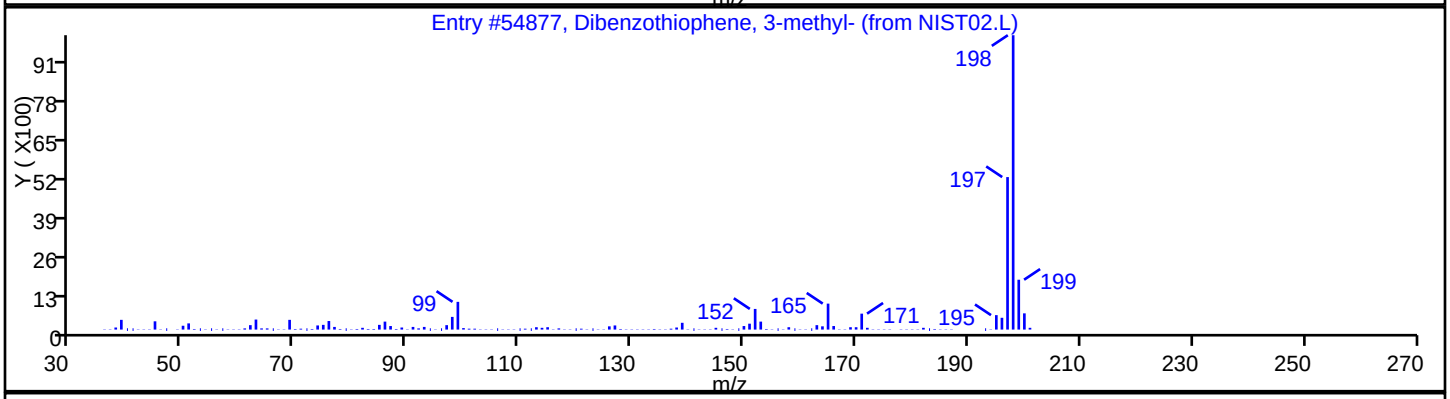
TestAmerica Edison

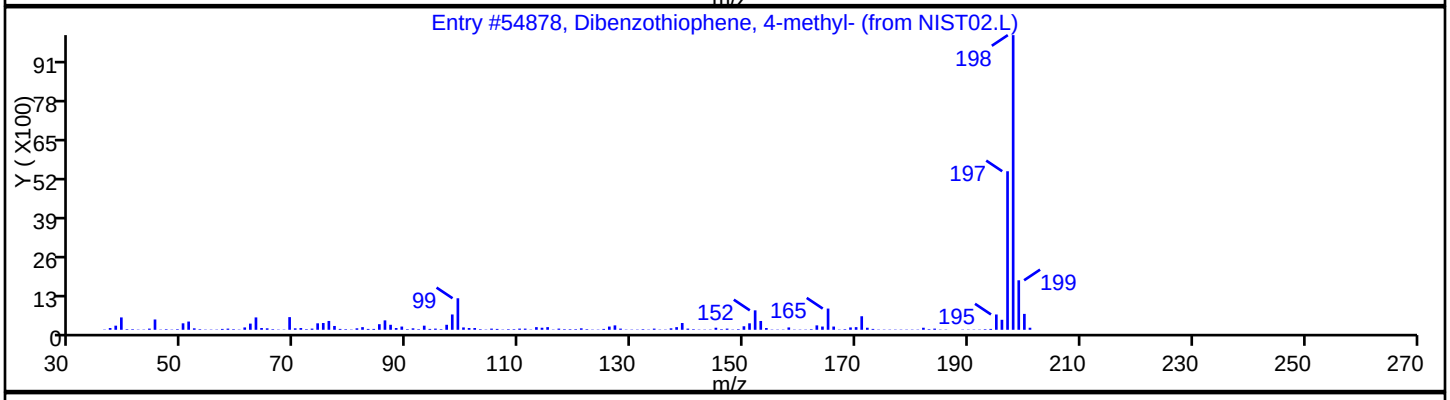
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90999.D

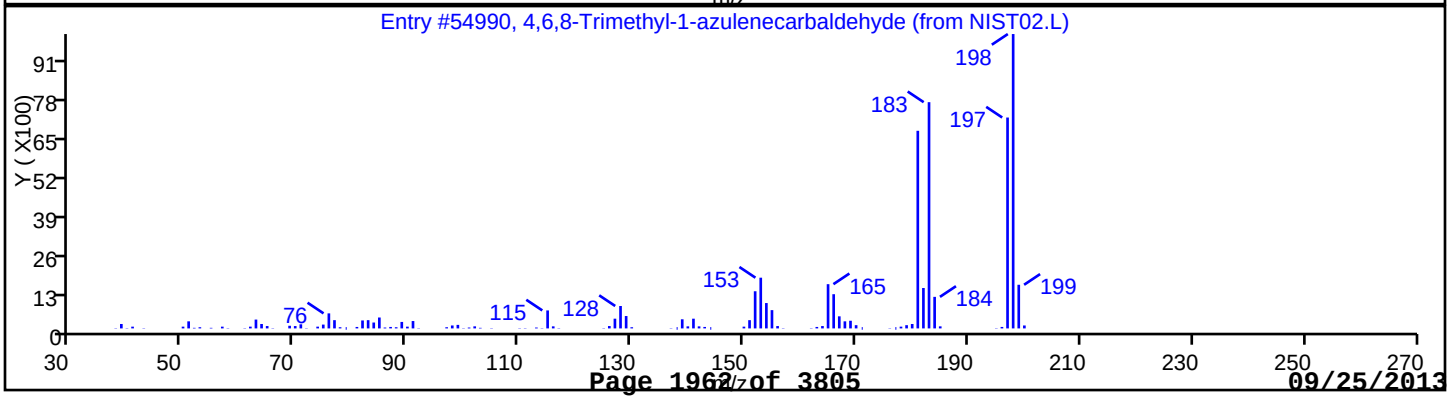
Injection Date:	19-Sep-2013 08:12:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-19SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Dibenzothiophene, 3-methyl-	16587-52-3	NIST02.L	54877	93
Dibenzothiophene, 4-methyl-	7372-88-5	NIST02.L	54878	93
4,6,8-Trimethyl-1-azulenecarbaldehyde	832-62-2	NIST02.L	54990	72



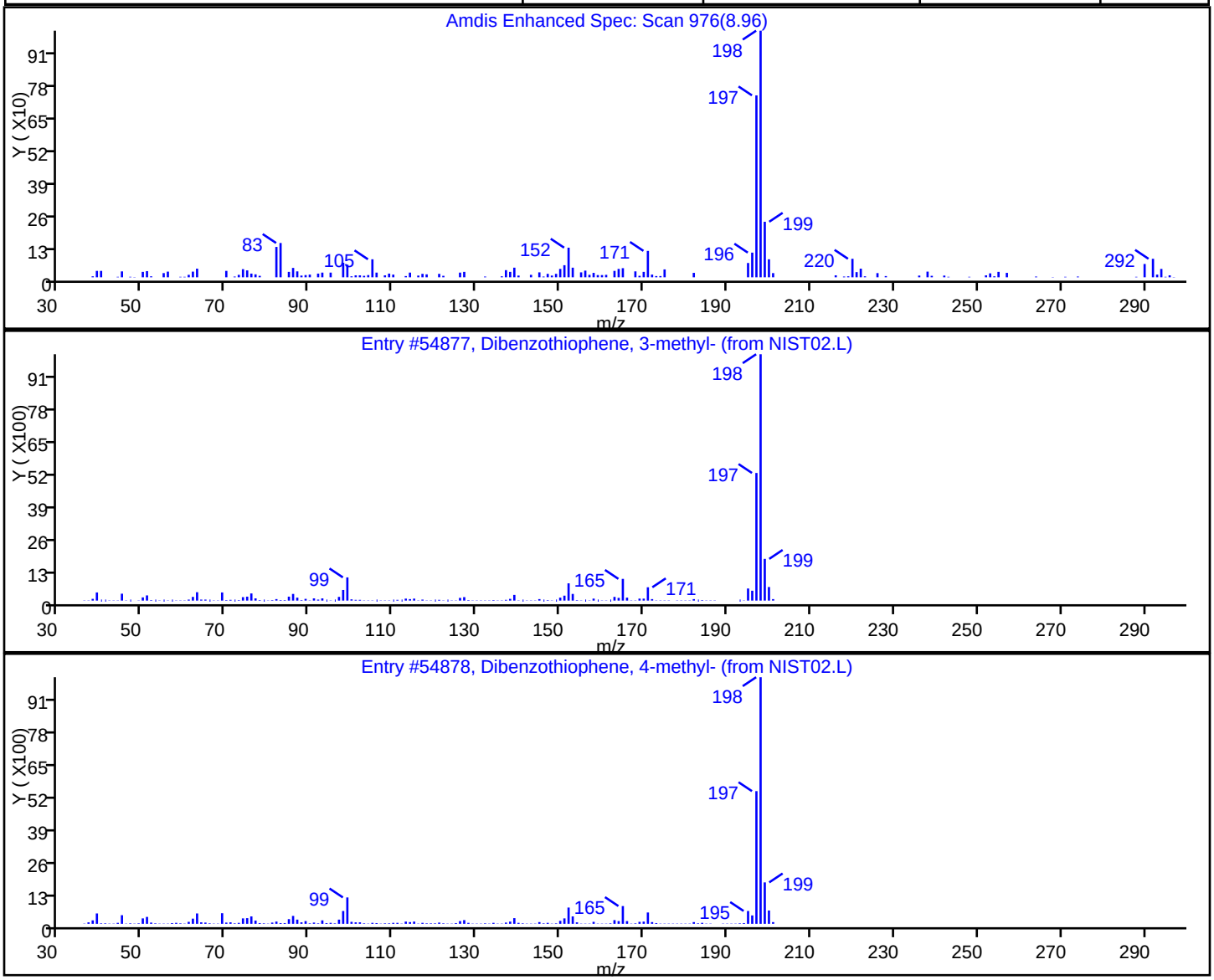






Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90999.D
Injection Date: 19-Sep-2013 08:12:30 Limit Group: SV 8270 ICAL
Client ID: PMP-19SE-WT Instrument ID: CBNAMS4
Lims Batch ID: 182070 Lims Sample ID: 15
Operator ID: Injection Vol: 1.0 ul
Column Type: Rtxi-5Sil MS Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Dibenzothiophene, 3-methyl-	16587-52-3	NIST02.L	54877	90
Dibenzothiophene, 4-methyl-	7372-88-5	NIST02.L	54878	83



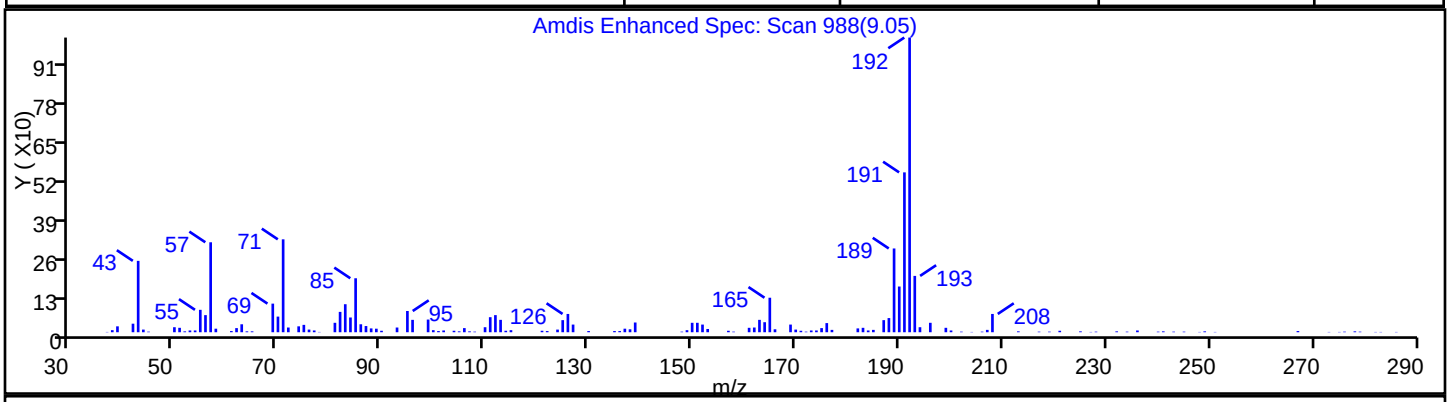
Report Date: 20-Sep-2013 13:14:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

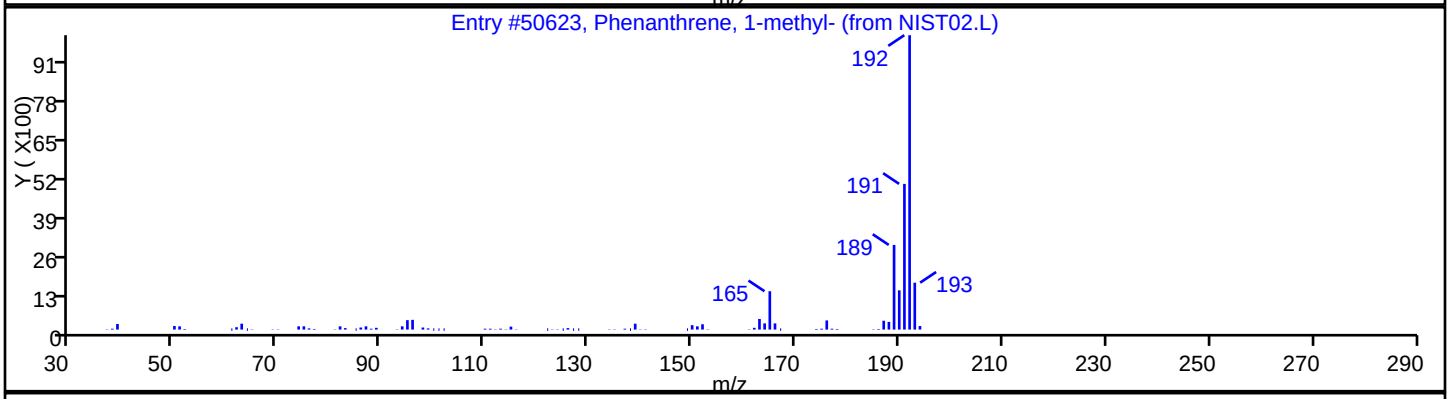
TestAmerica Edison

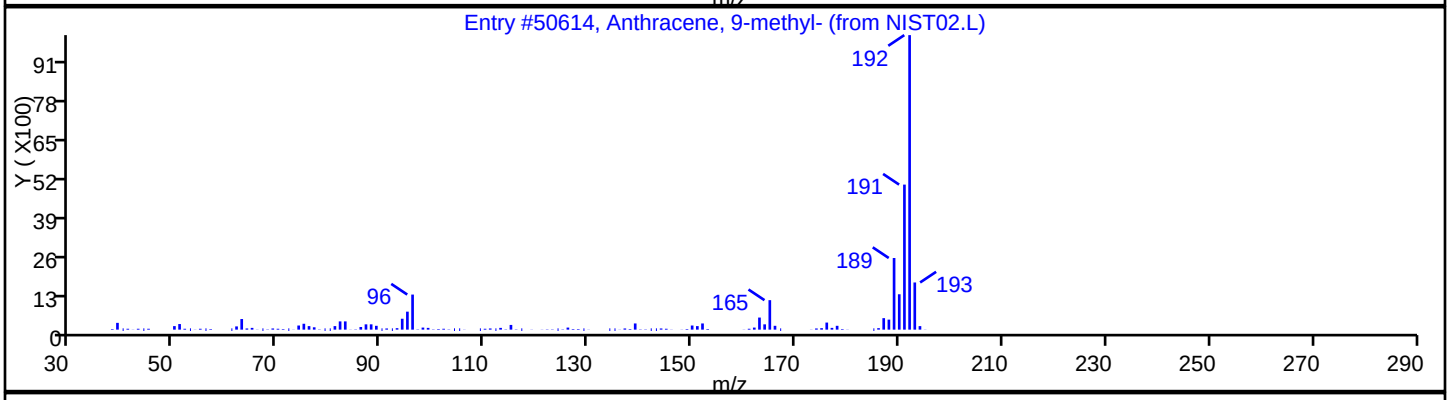
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90999.D

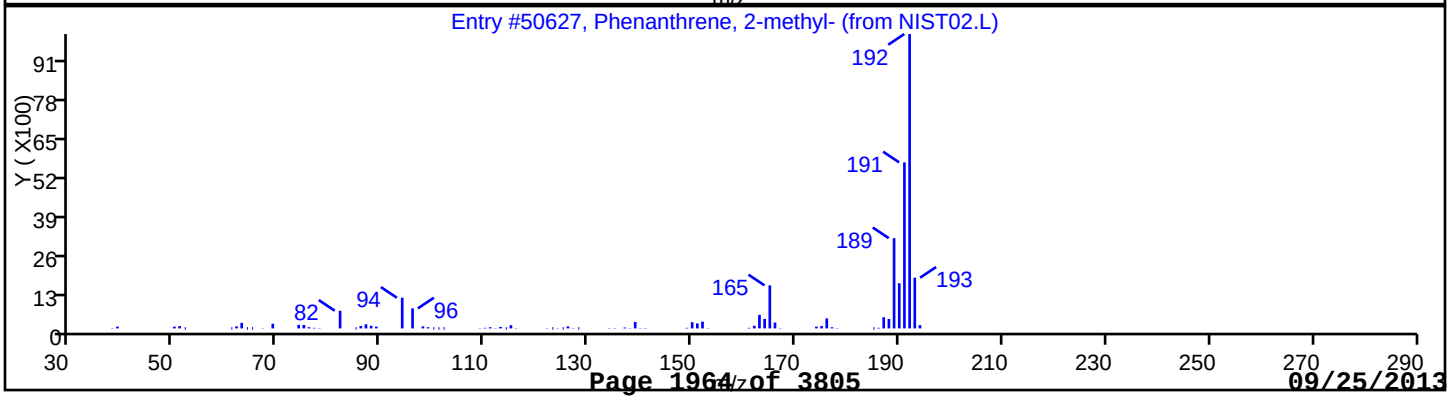
Injection Date:	19-Sep-2013 08:12:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-19SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Phenanthrene, 1-methyl-	832-69-9	NIST02.L	50623	96
Anthracene, 9-methyl-	779-02-2	NIST02.L	50614	95
Phenanthrene, 2-methyl-	2531-84-2	NIST02.L	50627	93









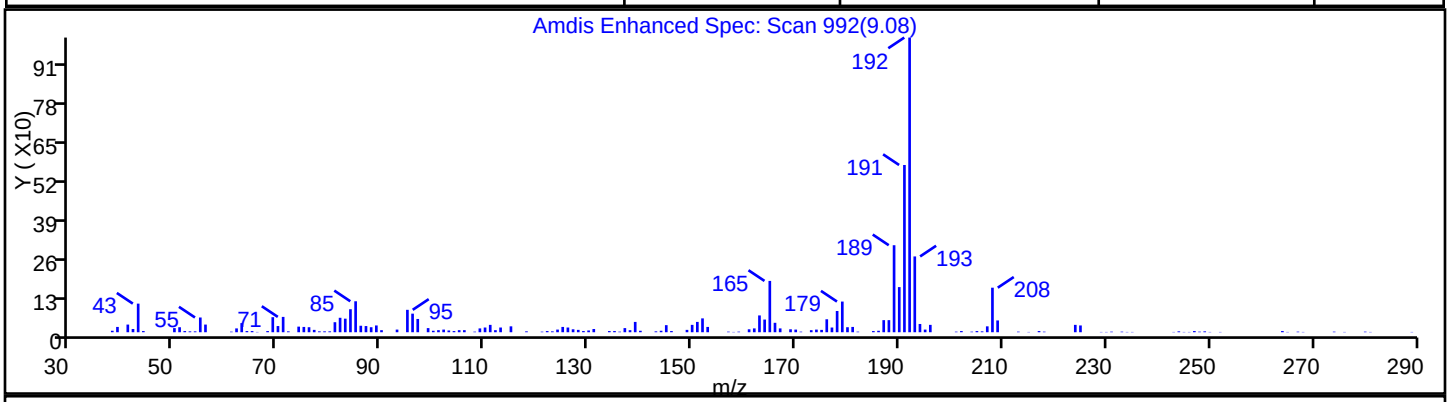
Report Date: 20-Sep-2013 13:14:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

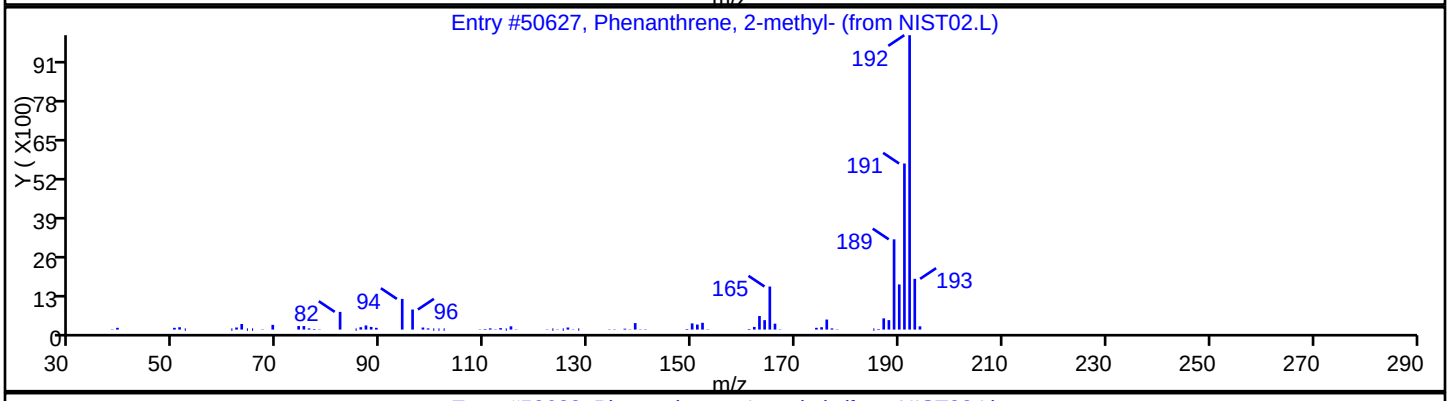
TestAmerica Edison

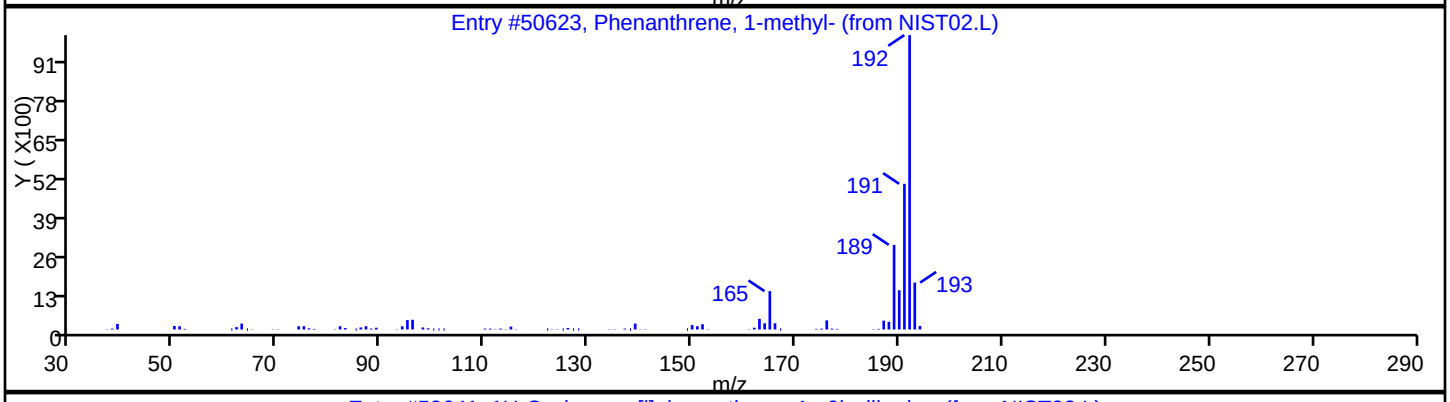
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90999.D

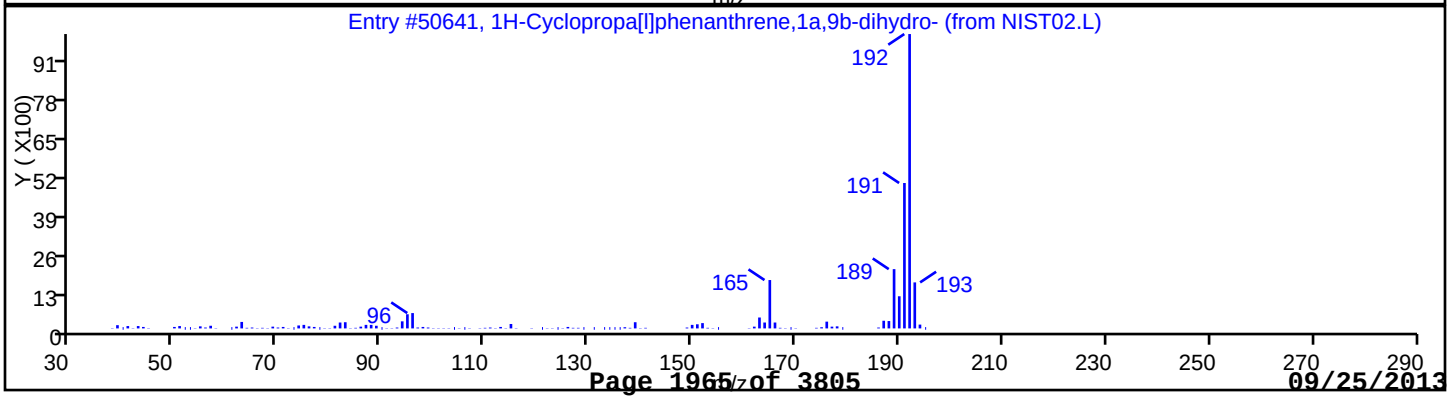
Injection Date:	19-Sep-2013 08:12:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-19SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Phenanthrene, 2-methyl-	2531-84-2	NIST02.L	50627	95
Phenanthrene, 1-methyl-	832-69-9	NIST02.L	50623	95
1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	949-41-7	NIST02.L	50641	95









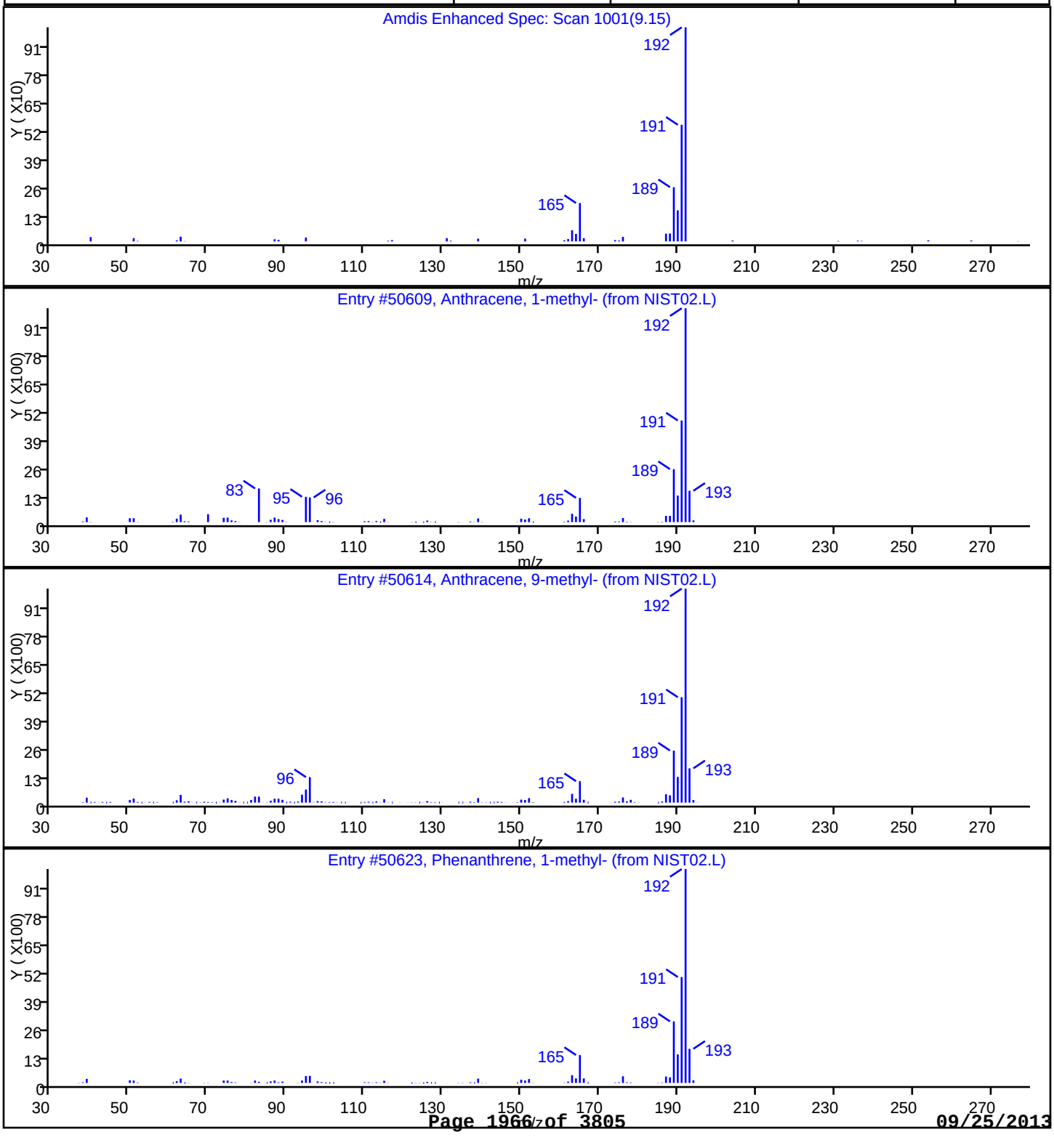
Report Date: 20-Sep-2013 13:14:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90999.D

Injection Date:	19-Sep-2013 08:12:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-19SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Anthracene, 1-methyl-	610-48-0	NIST02.L	50609	87
Anthracene, 9-methyl-	779-02-2	NIST02.L	50614	87
Phenanthrene, 1-methyl-	832-69-9	NIST02.L	50623	83



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-SI | Lab Sample ID: 460-62968-7

Matrix: Solid | Lab File ID: U91000.D

Analysis Method: 8270C | Date Collected: 09/12/2013 09:30

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 08:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	51	U	380	51
95-57-8	2-Chlorophenol	50	U	380	50
95-48-7	2-Methylphenol	65	U	380	65
106-44-5	4-Methylphenol	75	U	380	75
100-52-7	Benzaldehyde	45	U	380	45
98-86-2	Acetophenone	59	U	380	59
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	380	42
621-64-7	N-Nitrosodi-n-propylamine	6.4	U	38	6.4
98-95-3	Nitrobenzene	5.4	U	38	5.4
67-72-1	Hexachloroethane	4.2	U	38	4.2
78-59-1	Isophorone	46	U	380	46
88-75-5	2-Nitrophenol	43	U	380	43
105-67-9	2,4-Dimethylphenol	94	U	380	94
120-83-2	2,4-Dichlorophenol	56	U	380	56
111-91-1	Bis(2-chloroethoxy)methane	49	U	380	49
91-20-3	Naphthalene	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.3	U	77	9.3
105-60-2	Caprolactam	88	U	380	88
59-50-7	4-Chloro-3-methylphenol	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-SI | Lab Sample ID: 460-62968-7

Matrix: Solid | Lab File ID: U91000.D

Analysis Method: 8270C | Date Collected: 09/12/2013 09:30

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 08:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	45	U	380	45
84-66-2	Diethyl phthalate	45	U	380	45
86-73-7	Fluorene	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-SI | Lab Sample ID: 460-62968-7

Matrix: Solid | Lab File ID: U91000.D

Analysis Method: 8270C | Date Collected: 09/12/2013 09:30

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 08:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	63		38-105
4165-62-2	Phenol-d5	98		41-118
1718-51-0	Terphenyl-d14	80		16-151
118-79-6	2,4,6-Tribromophenol	98		10-120
367-12-4	2-Fluorophenol	89		37-125
321-60-8	2-Fluorobiphenyl	62		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-SI Lab Sample ID: 460-62968-7

Matrix: Solid Lab File ID: U91000.D

Analysis Method: 8270C Date Collected: 09/12/2013 09:30

Extract. Method: 3541 Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 08:35

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 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\CBNAMS4\20130919-4790.b\U91000.D		
Lims ID:	460-62968-E-7-B	Client ID:	PMP-19SE-SI
Inject. Date:	19-Sep-2013 08:35:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004790-016		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	182070	Lims Sample ID:	16
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m		
Last Update:	20-Sep-2013 11:16:04	Calib Date:	18-Sep-2013 15:35:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90967.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:	19-Sep-2013 10:21:21

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.747	2.740	0.007	82	525141	89.1	
$ 6 Phenol-d5	99	3.677	3.692	-0.015	60	688685	98.1	
* 13 1,4-Dichlorobenzene-d4	152	4.016	4.023	-0.007	94	210104	40.0	
$ 25 Nitrobenzene-d5	82	4.574	4.588	-0.014	93	398383	31.4	
* 35 Naphthalene-d8	136	5.293	5.310	-0.017	96	870265	40.0	
$ 48 2-Fluorobiphenyl	172	6.387	6.398	-0.011	96	726063	31.1	
* 61 Acenaphthene-d10	164	7.041	7.057	-0.016	90	661121	40.0	
$ 76 2,4,6-Tribromophenol	330	7.820	7.832	-0.012	90	602163	98.0	
* 83 Phenanthrene-d10	188	8.496	8.510	-0.014	97	1360806	40.0	
87 Di-n-butyl phthalate	149	9.082	9.094	-0.012	97	22107	0.4965	
$ 91 Terphenyl-d14	244	10.061	10.069	-0.008	98	1566303	40.0	
* 96 Chrysene-d12	240	11.174	11.193	-0.019	97	1510194	40.0	
98 Bis(2-ethylhexyl) phthalate	149	11.213	11.232	-0.019	80	15882	0.5962	
* 103 Perylene-d12	264	12.999	13.017	-0.018	97	1173692	40.0	

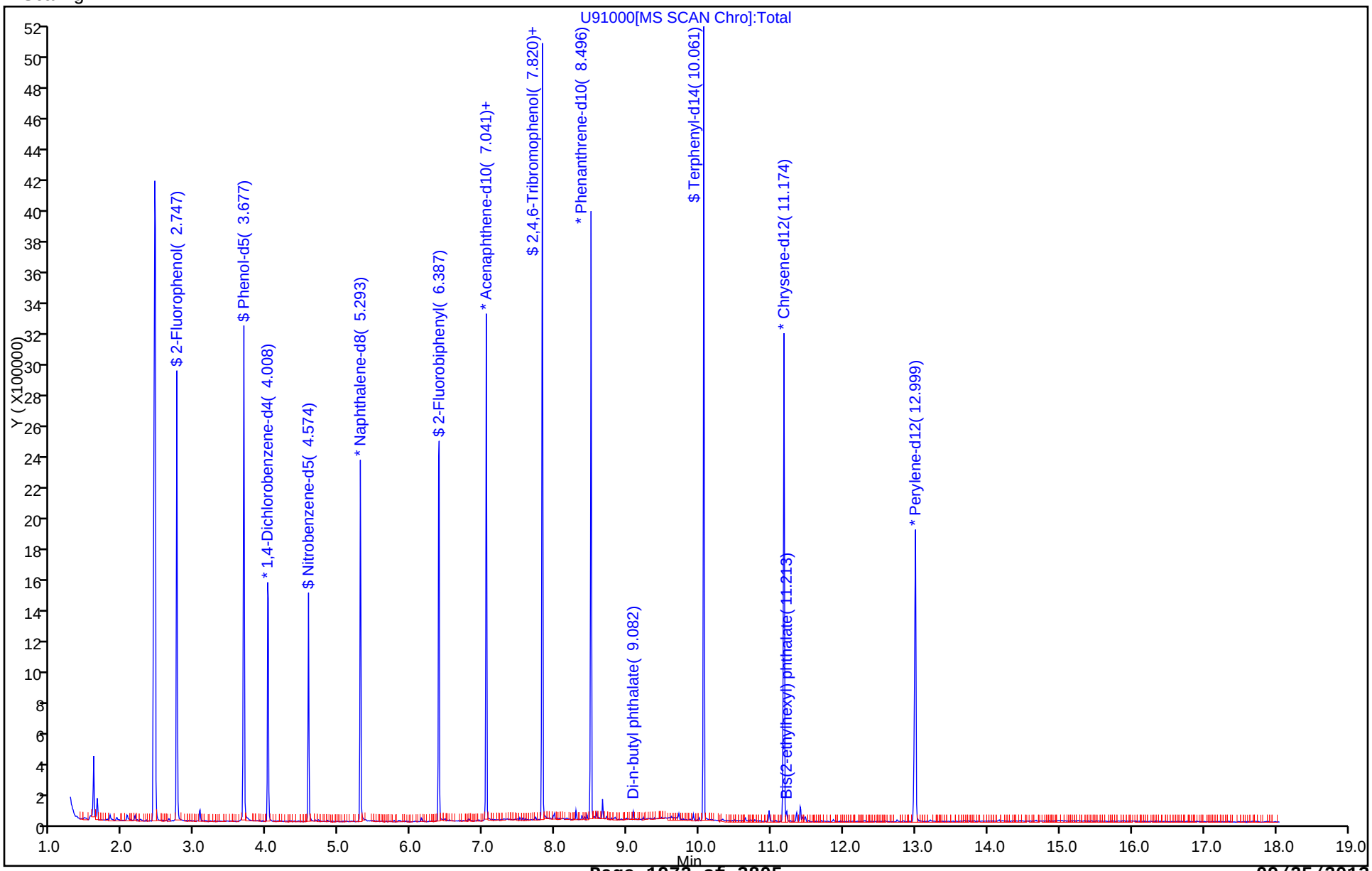
Report Date: 20-Sep-2013 11:18:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91000.D

Injection Date:	19-Sep-2013 08:35:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-19SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-VD | Lab Sample ID: 460-62968-8

Matrix: Solid | Lab File ID: U91001.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:00

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 08:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | 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	5.0	U	35	5.0
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-VD | Lab Sample ID: 460-62968-8

Matrix: Solid | Lab File ID: U91001.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:00

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 08:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-VD Lab Sample ID: 460-62968-8

Matrix: Solid Lab File ID: U91001.D

Analysis Method: 8270C Date Collected: 09/12/2013 10:00

Extract. Method: 3541 Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 08:58

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 7.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	69		38-105
4165-62-2	Phenol-d5	102		41-118
1718-51-0	Terphenyl-d14	82		16-151
118-79-6	2,4,6-Tribromophenol	94		10-120
367-12-4	2-Fluorophenol	96		37-125
321-60-8	2-Fluorobiphenyl	69		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-VD | Lab Sample ID: 460-62968-8

Matrix: Solid | Lab File ID: U91001.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:00

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 08:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | 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\CBNAMS4\20130919-4790.b\U91001.D		
Lims ID:	460-62968-E-8-B	Client ID:	PMP-26SE-VD
Inject. Date:	19-Sep-2013 08:58:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004790-017		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	17
Lims Batch ID:	182070	Lims Sample ID:	17
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m		
Last Update:	20-Sep-2013 11:16:04	Calib Date:	18-Sep-2013 15:35:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90967.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:	19-Sep-2013 10:22:33

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.751	2.740	0.011	83	665765	95.9	
$ 6 Phenol-d5	99	3.682	3.692	-0.010	60	844094	102.1	
* 13 1,4-Dichlorobenzene-d4	152	4.011	4.023	-0.012	90	247457	40.0	
$ 25 Nitrobenzene-d5	82	4.573	4.588	-0.015	94	520265	34.5	
* 35 Naphthalene-d8	136	5.295	5.310	-0.015	97	1035022	40.0	
41 2-Methylnaphthalene	142	6.012	6.025	-0.013	55	2036	0.1287	
$ 48 2-Fluorobiphenyl	172	6.381	6.398	-0.017	96	837388	34.7	
* 61 Acenaphthene-d10	164	7.043	7.057	-0.014	92	682849	40.0	
$ 76 2,4,6-Tribromophenol	330	7.823	7.832	-0.009	92	594944	93.7	
* 83 Phenanthrene-d10	188	8.499	8.510	-0.011	97	1432235	40.0	
87 Di-n-butyl phthalate	149	9.076	9.094	-0.018	94	17253	0.3681	
$ 91 Terphenyl-d14	244	10.065	10.069	-0.004	98	1625577	40.8	
* 96 Chrysene-d12	240	11.173	11.193	-0.020	97	1537533	40.0	
98 Bis(2-ethylhexyl) phthalate	149	11.211	11.232	-0.021	77	13872	0.5115	
* 103 Perylene-d12	264	13.001	13.017	-0.016	97	1240652	40.0	

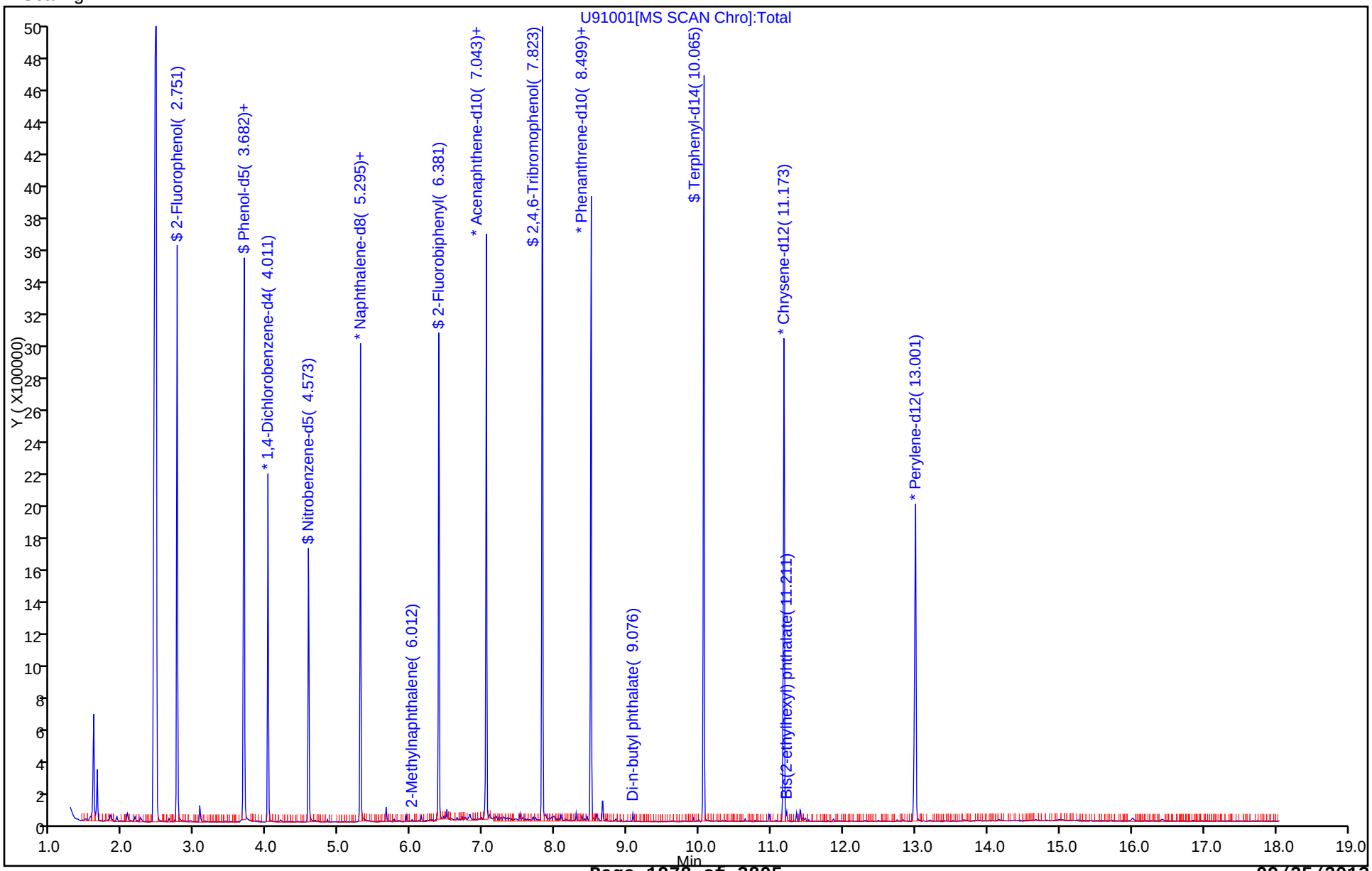
Report Date: 20-Sep-2013 11:18:48 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91001.D

Injection Date:	19-Sep-2013 08:58:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-26SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	17
Operator ID:		Injection Vol:	1.0 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-WT | Lab Sample ID: 460-62968-9

Matrix: Solid | Lab File ID: U91022.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:05

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.04(g) | Date Analyzed: 09/19/2013 18:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	250	U	1900	250
95-57-8	2-Chlorophenol	250	U	1900	250
95-48-7	2-Methylphenol	320	U	1900	320
106-44-5	4-Methylphenol	370	U	1900	370
100-52-7	Benzaldehyde	220	U	1900	220
98-86-2	Acetophenone	290	U	1900	290
111-44-4	Bis(2-chloroethyl)ether	25	U	190	25
108-60-1	2,2'-oxybis[1-chloropropane]	210	U	1900	210
621-64-7	N-Nitrosodi-n-propylamine	31	U	190	31
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	460	U	1900	460
120-83-2	2,4-Dichlorophenol	270	U	1900	270
111-91-1	Bis(2-chloroethoxy)methane	240	U	1900	240
91-20-3	Naphthalene	220	U	1900	220
106-47-8	4-Chloroaniline	490	U	1900	490
87-68-3	Hexachlorobutadiene	46	U	380	46
105-60-2	Caprolactam	430	U	1900	430
59-50-7	4-Chloro-3-methylphenol	280	U	1900	280
91-57-6	2-Methylnaphthalene	240	U	1900	240
118-74-1	Hexachlorobenzene	26	U	190	26
77-47-4	Hexachlorocyclopentadiene	220	U	1900	220
88-06-2	2,4,6-Trichlorophenol	220	U	1900	220
95-95-4	2,4,5-Trichlorophenol	240	U	1900	240
92-52-4	Diphenyl	250	U	1900	250
91-58-7	2-Chloronaphthalene	210	U	1900	210
88-74-4	2-Nitroaniline	780	U	3800	780
606-20-2	2,6-Dinitrotoluene	56	U	380	56
131-11-3	Dimethyl phthalate	220	U	1900	220
208-96-8	Acenaphthylene	220	U	1900	220
99-09-2	3-Nitroaniline	660	U	3800	660
83-32-9	Acenaphthene	270	U	1900	270

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-WT | Lab Sample ID: 460-62968-9

Matrix: Solid | Lab File ID: U91022.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:05

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.04(g) | Date Analyzed: 09/19/2013 18:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	5700	1200
51-28-5	2,4-Dinitrophenol	1100	U	5700	1100
132-64-9	Dibenzofuran	220	U	1900	220
84-66-2	Diethyl phthalate	220	U	1900	220
86-73-7	Fluorene	240	U	1900	240
206-44-0	Fluoranthene	250	U	1900	250
84-74-2	Di-n-butyl phthalate	230	U	1900	230
121-14-2	2,4-Dinitrotoluene	62	U	380	62
7005-72-3	4-Chlorophenyl phenyl ether	220	U	1900	220
100-01-6	4-Nitroaniline	580	U	3800	580
534-52-1	4,6-Dinitro-2-methylphenol	510	U	5700	510
101-55-3	4-Bromophenyl phenyl ether	190	U	1900	190
1912-24-9	Atrazine	290	U	1900	290
120-12-7	Anthracene	230	U	1900	230
86-74-8	Carbazole	220	U	1900	220
85-01-8	Phenanthrene	240	U	1900	240
87-86-5	Pentachlorophenol	560	U	5700	560
129-00-0	Pyrene	160	U	1900	160
218-01-9	Chrysene	220	U	1900	220
207-08-9	Benzo[k]fluoranthene	14	U	190	14
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	13	U	190	13
56-55-3	Benzo[a]anthracene	13	U	190	13
86-30-6	N-Nitrosodiphenylamine	180	U	1900	180
85-68-7	Butyl benzyl phthalate	170	U	1900	170
117-81-7	Bis(2-ethylhexyl) phthalate	620	U	1900	620
117-84-0	Di-n-octyl phthalate	120	U	1900	120
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	190	35
53-70-3	Dibenz(a,h)anthracene	24	U	190	24
91-94-1	3,3'-Dichlorobenzidine	660	U	3800	660
95-94-3	1,2,4,5-Tetrachlorobenzene	250	U	1900	250
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	1900	240

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-WT | Lab Sample ID: 460-62968-9

Matrix: Solid | Lab File ID: U91022.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:05

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.04(g) | Date Analyzed: 09/19/2013 18:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	73		38-105
4165-62-2	Phenol-d5	80		41-118
1718-51-0	Terphenyl-d14	65		16-151
118-79-6	2,4,6-Tribromophenol	76		10-120
367-12-4	2-Fluorophenol	85		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-WT | Lab Sample ID: 460-62968-9

Matrix: Solid | Lab File ID: U91022.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:05

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.04(g) | Date Analyzed: 09/19/2013 18:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182194 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 344300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	2.43	9100	J
17301-23-4	Undecane, 2,6-dimethyl-	6.81	21000	J N
629-62-9	Pentadecane	7.02	23000	J N
1560-88-9	Octadecane, 2-methyl-	7.33	12000	J N
544-76-3	Hexadecane	7.51	30000	J N
25117-24-2	Tetradecane, 4-methyl-	7.55	8300	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	7.73	46000	J N
1560-89-0	Heptadecane, 2-methyl-	7.81	17000	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.00	86000	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	8.16	12000	J N
629-92-5	Nonadecane	8.42	17000	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.45	30000	J N
14905-56-7	Tetradecane, 2,6,10-trimethyl-	8.59	9500	J N
629-62-9	Pentadecane	8.78	7400	J N
629-92-5	Nonadecane	8.83	16000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91022.D		
Lims ID:	460-62968-E-9-B	Client ID:	PMP-26SE-WT
Inject. Date:	19-Sep-2013 18:43:30	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	460-0004816-011		
Misc. Info.:	460-62968-E-9-B		
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	182194	Lims Sample ID:	11
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\8270_4.m		
Last Update:	20-Sep-2013 11:45:14	Calib Date:	18-Sep-2013 15:35:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90967.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 07:16:21

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.740	2.734	0.006	81	157766	17.0	
$ 6 Phenol-d5	99	3.662	3.686	-0.024	53	177161	16.1	
* 13 1,4-Dichlorobenzene-d4	152	4.007	4.004	0.003	89	329758	40.0	
$ 25 Nitrobenzene-d5	82	4.567	4.585	-0.018	92	119961	7.27	
* 35 Naphthalene-d8	136	5.290	5.291	-0.001	97	1132589	40.0	
$ 48 2-Fluorobiphenyl	172	6.373	6.386	-0.013	94	139048	8.77	
* 61 Acenaphthene-d10	164	7.038	7.040	-0.002	92	448666	40.0	
$ 76 2,4,6-Tribromophenol	330	7.813	7.820	-0.007	83	63119	15.1	
* 83 Phenanthrene-d10	188	8.491	8.493	-0.002	97	667676	40.0	
$ 91 Terphenyl-d14	244	10.045	10.051	-0.006	96	116126	6.47	
* 96 Chrysene-d12	240	11.152	11.160	-0.008	97	692204	40.0	
* 103 Perylene-d12	264	12.975	12.977	-0.002	97	823040	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91022.D		
Lims ID:	460-62968-E-9-B	Client ID:	PMP-26SE-WT
Inject. Date:	19-Sep-2013 18:43:30	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	460-0004816-011		
Misc. Info.:	460-62968-E-9-B		
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	182194	Lims Sample ID:	11
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\8270_4.m		
Last Update:	20-Sep-2013 11:45:14	Calib Date:	18-Sep-2013 15:35:30
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: asfawa		Date:	20-Sep-2013 07:16:21

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
		Unknown				
2.427	1528207	24.0	13			
	17301-23-4	Undecane, 2,6-dimethyl-				
6.811	2914038	55.8	61	80	45584	
	629-62-9	Pentadecane				
7.015	3160921	60.5	61	91	64574	
	1560-88-9	Octadecane, 2-methyl-				
7.334	1614304	30.9	61	83	99487	
	544-76-3	Hexadecane				
7.509	4216128	80.7	61	99	73967	
	25117-24-2	Tetradecane, 4-methyl-				
7.547	1155651	22.1	61	89	64578	
	3892-00-0	Pentadecane, 2,6,10-trimethyl-				
7.729	6372277	122.0	61	91	91053	
	1560-89-0	Heptadecane, 2-methyl-				
7.806	2831646	45.3	83	80	91039	
	1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-				
7.996	14212315	227.2	83	95	99493	
	31295-56-4	Dodecane, 2,6,11-trimethyl-				
8.164	1964703	31.4	83	76	64591	
	629-92-5	Nonadecane				
8.415	2796733	44.7	83	91	99476	
	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-				
8.445	4923809	78.7	83	99	107670	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
	14905-56-7	Tetradecane, 2,6,10-trimethyl-				
8.591	1585579	25.4	83	83	82616	
	629-62-9	Pentadecane				
8.782	1228475	19.6	83	81	64575	
	629-92-5	Nonadecane				
8.828	2575681	41.2	83	98	99476	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	4.007	2543730	40.0
* 61 Acenaphthene-d10	7.038	2089090	40.0
* 83 Phenanthrene-d10	8.491	2501803	40.0

QC Flag Legend

Processing Flags

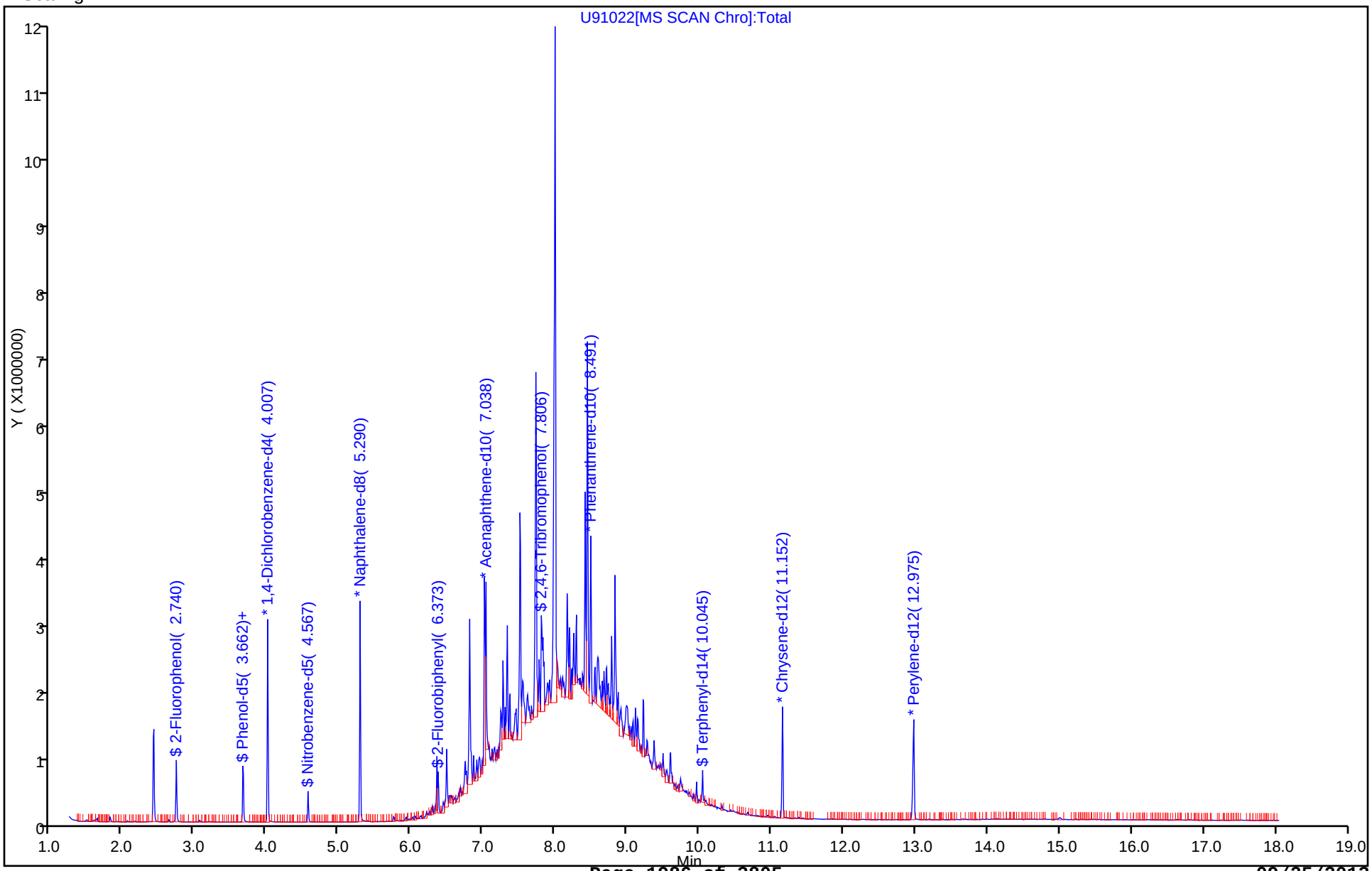
Report Date: 20-Sep-2013 11:50:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91022.D

Injection Date:	19-Sep-2013 18:43:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-26SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Y Scaling:

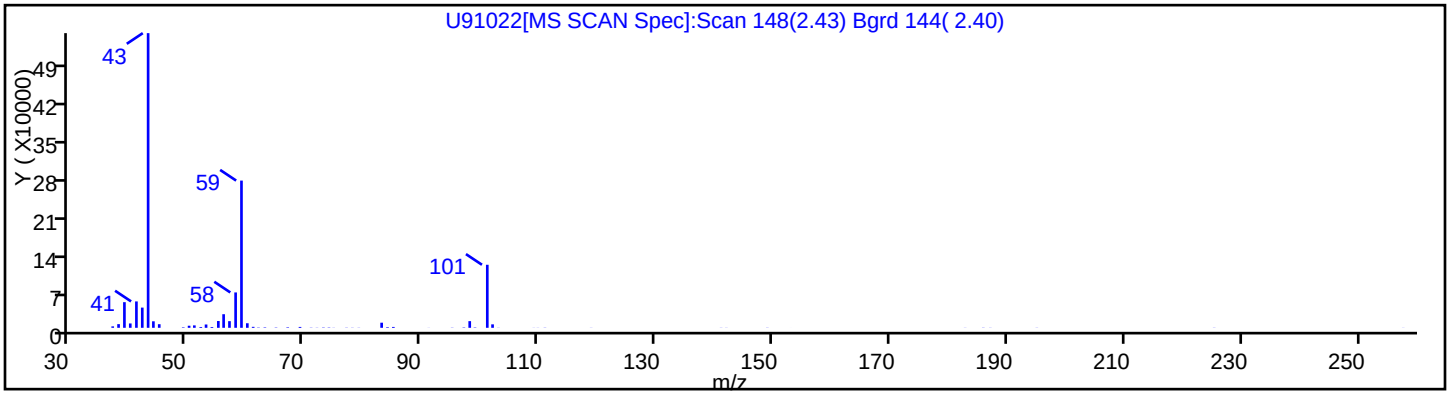


Report Date: 20-Sep-2013 11:50:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91022.D		
Injection Date:	19-Sep-2013 18:43:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-26SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

No Library Matches Found above the Threshold: 75



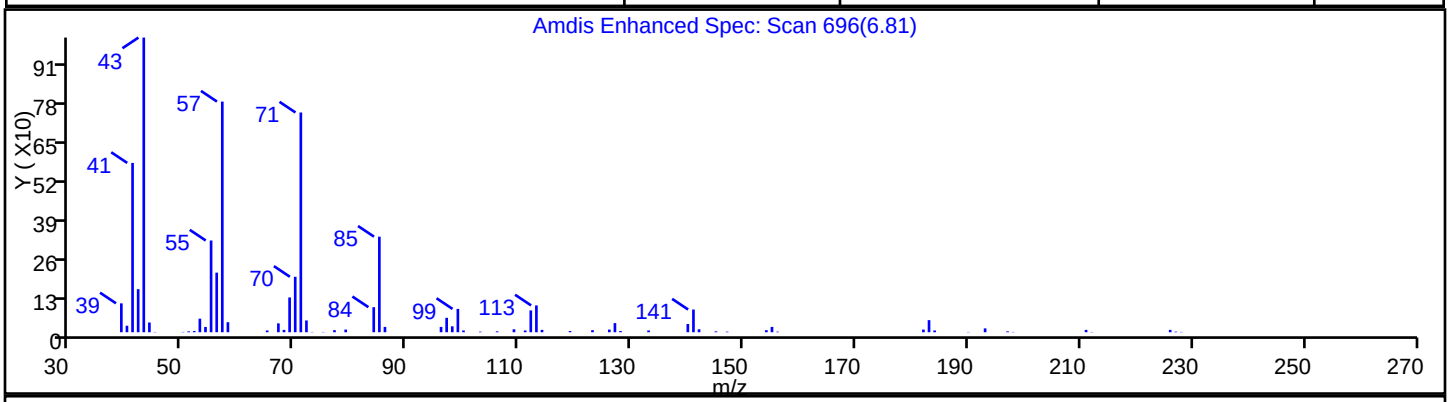
Report Date: 20-Sep-2013 11:50:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

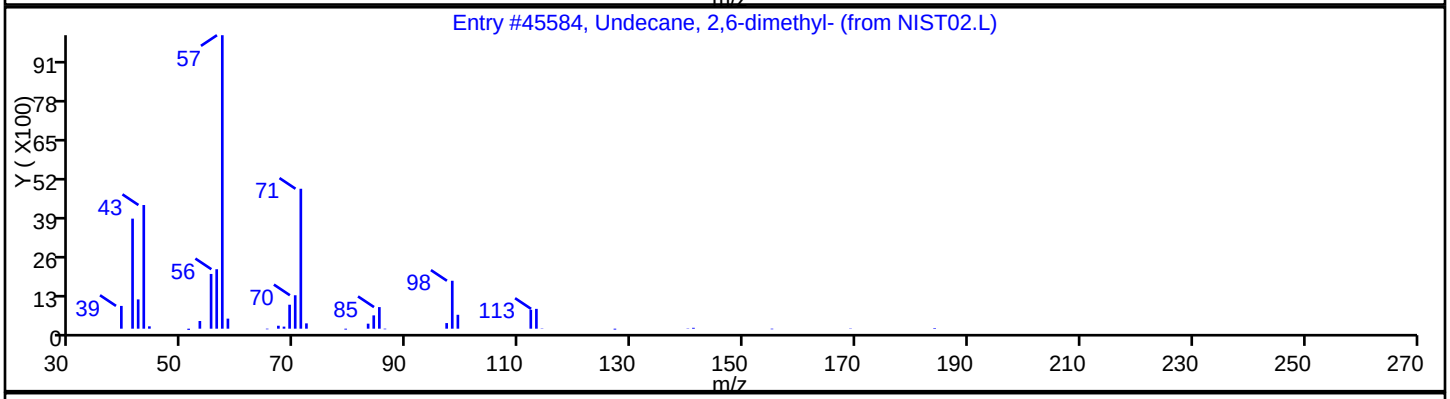
TestAmerica Edison

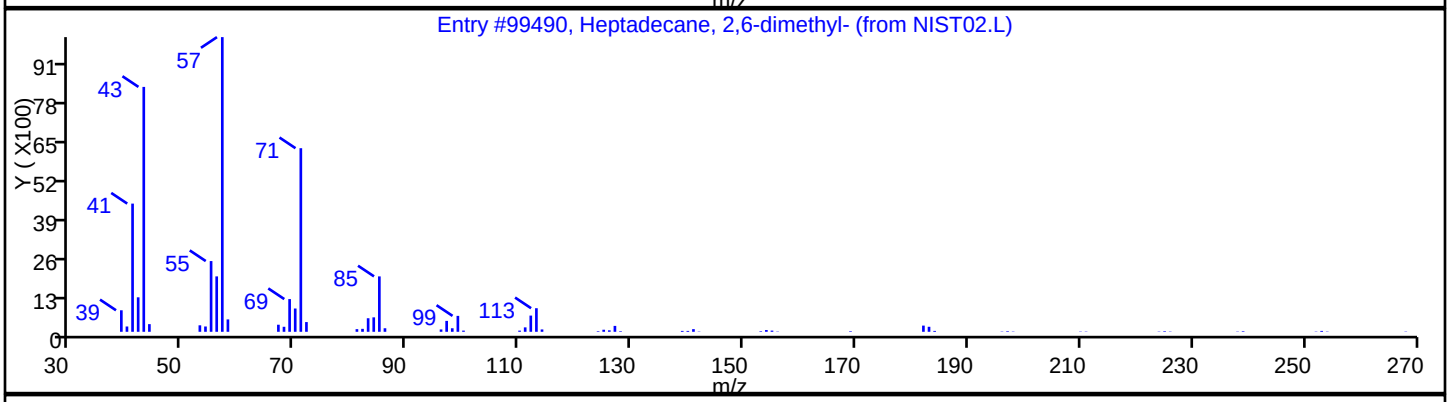
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91022.D

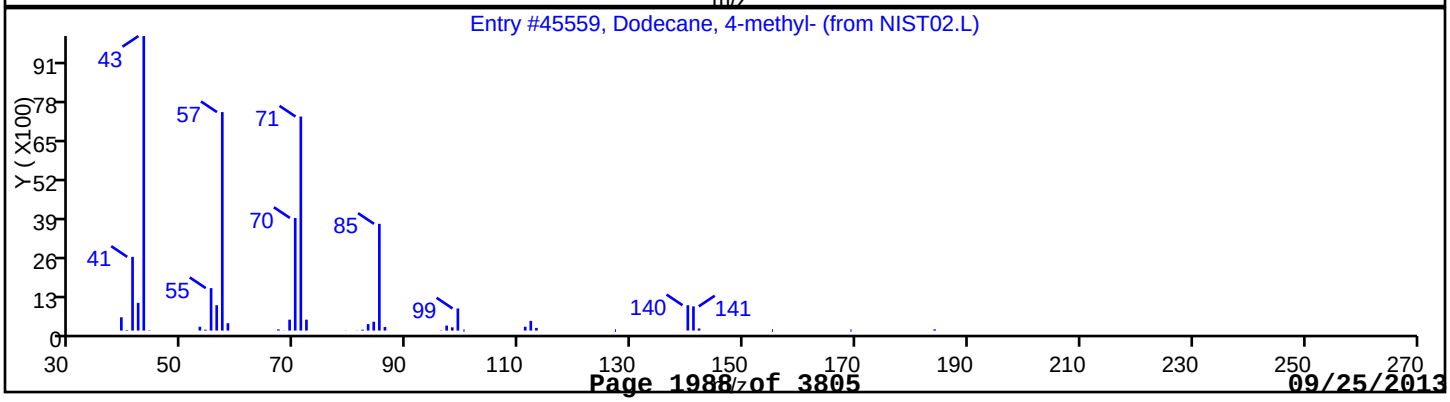
Injection Date:	19-Sep-2013 18:43:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-26SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.L	45584	80
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	80
Dodecane, 4-methyl-	6117-97-1	NIST02.L	45559	76









Report Date: 20-Sep-2013 11:50:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

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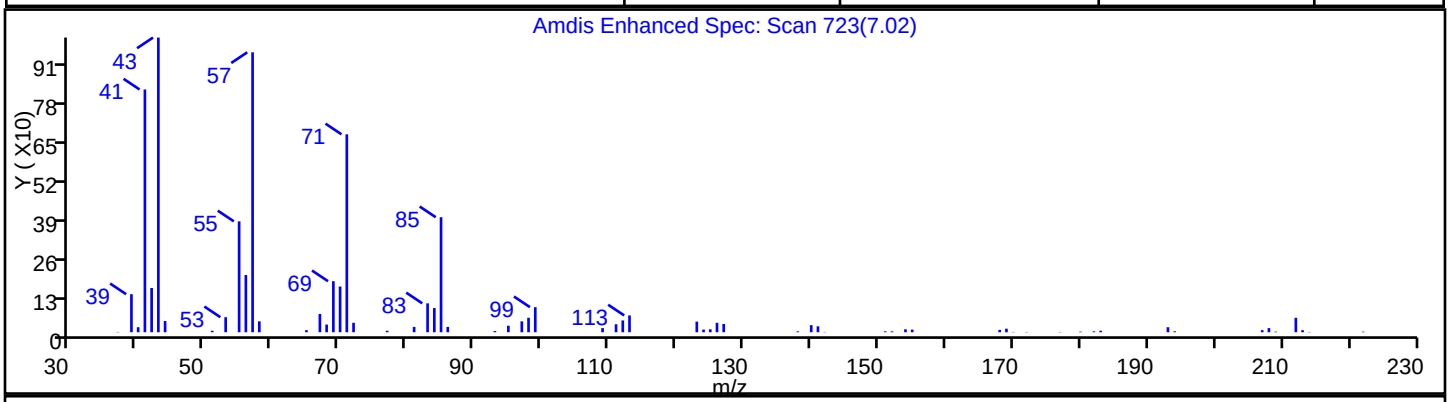
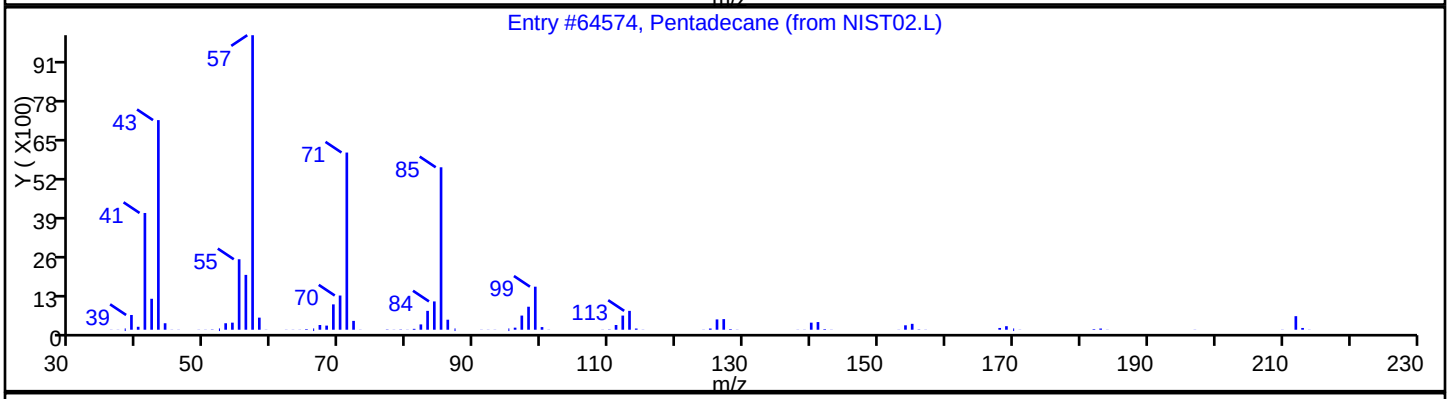
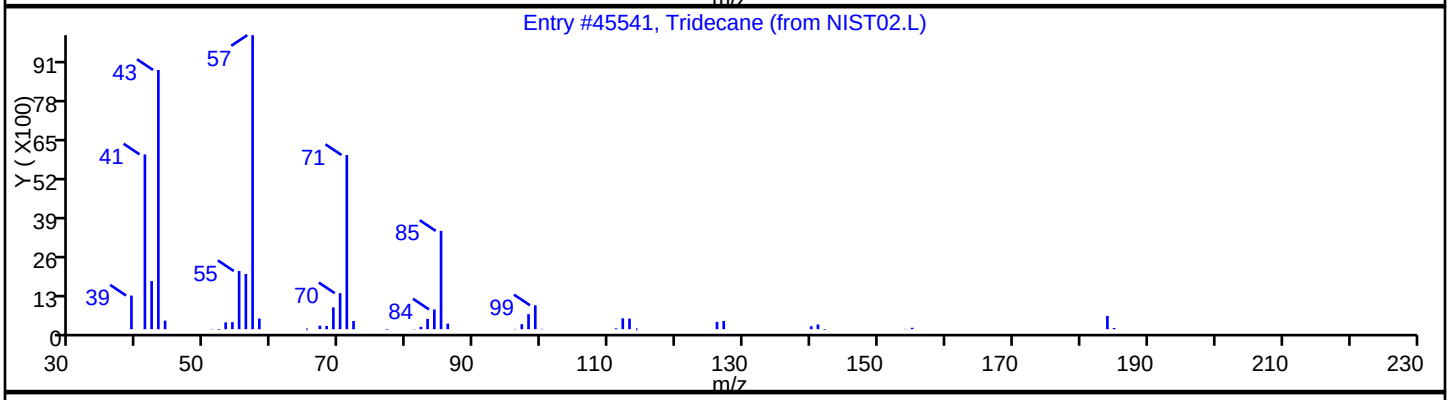
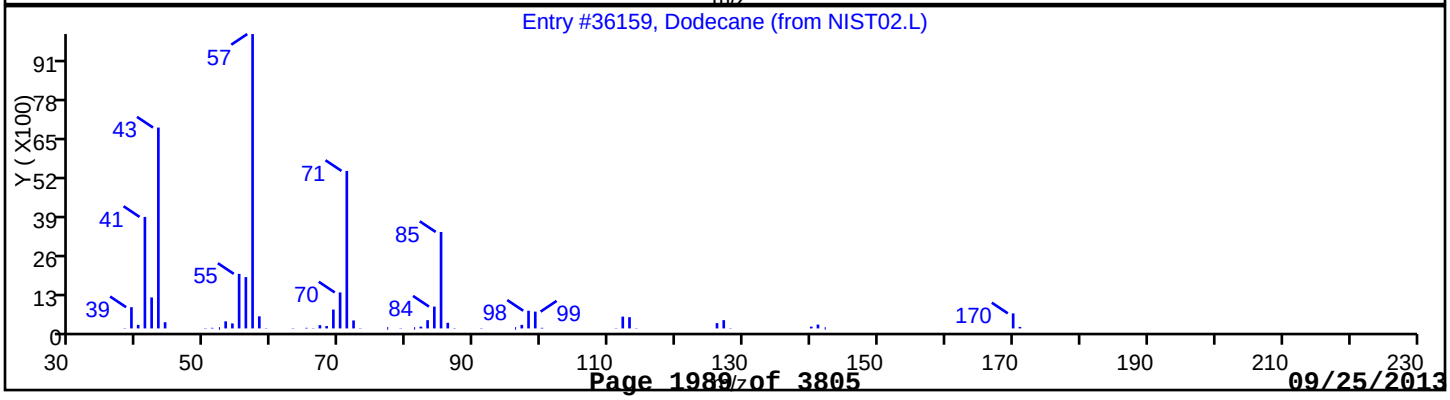
Injection Date:	19-Sep-2013 18:43:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-26SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane	629-62-9	NIST02.L	64574	91
Tridecane	629-50-5	NIST02.L	45541	87
Dodecane	112-40-3	NIST02.L	36159	86









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TestAmerica Edison

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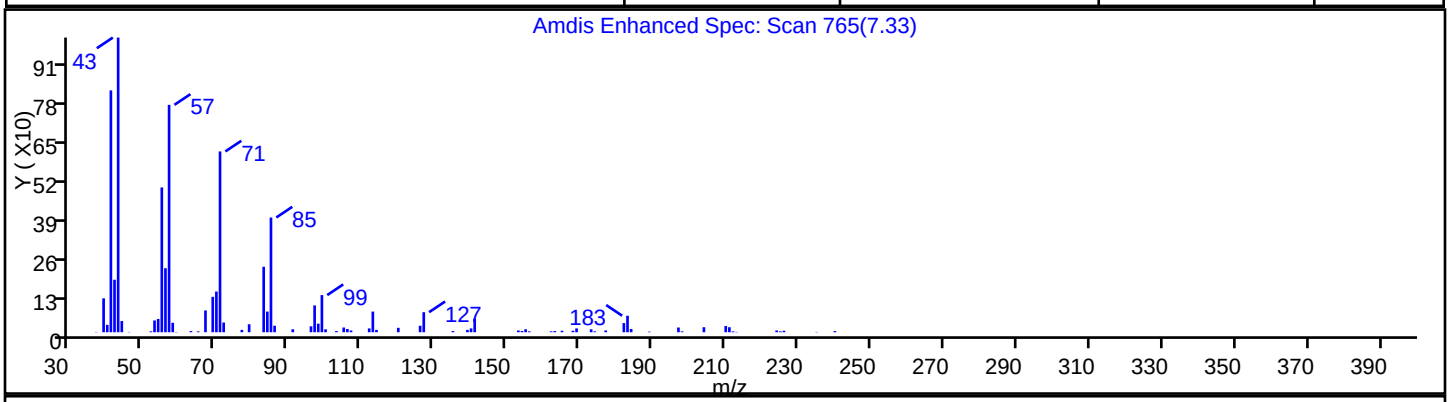
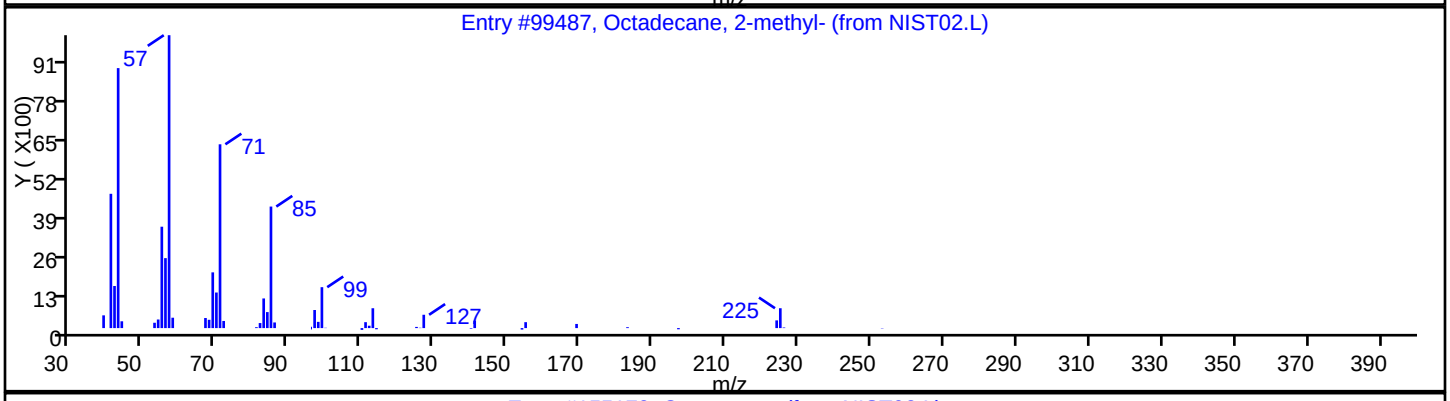
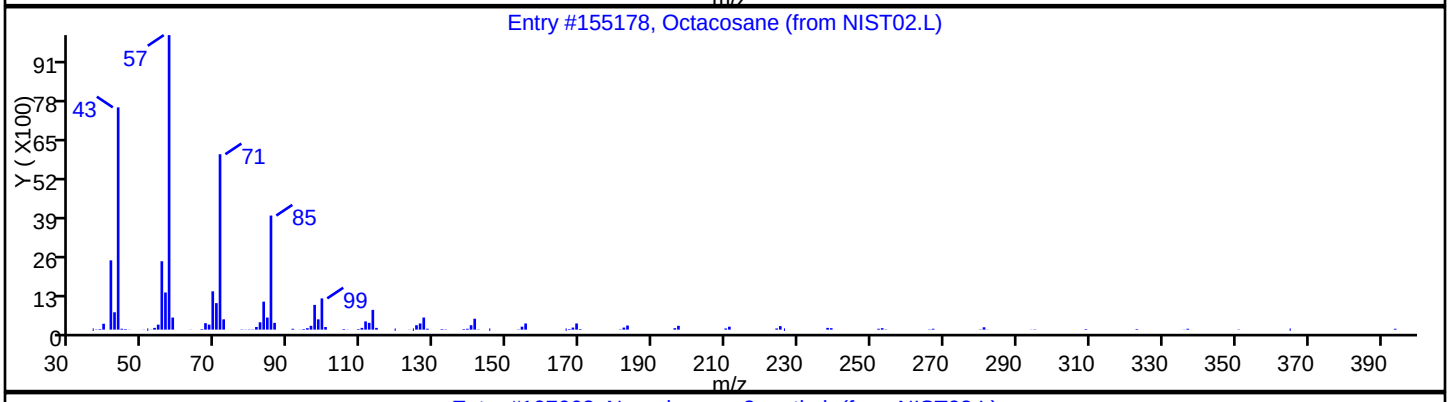
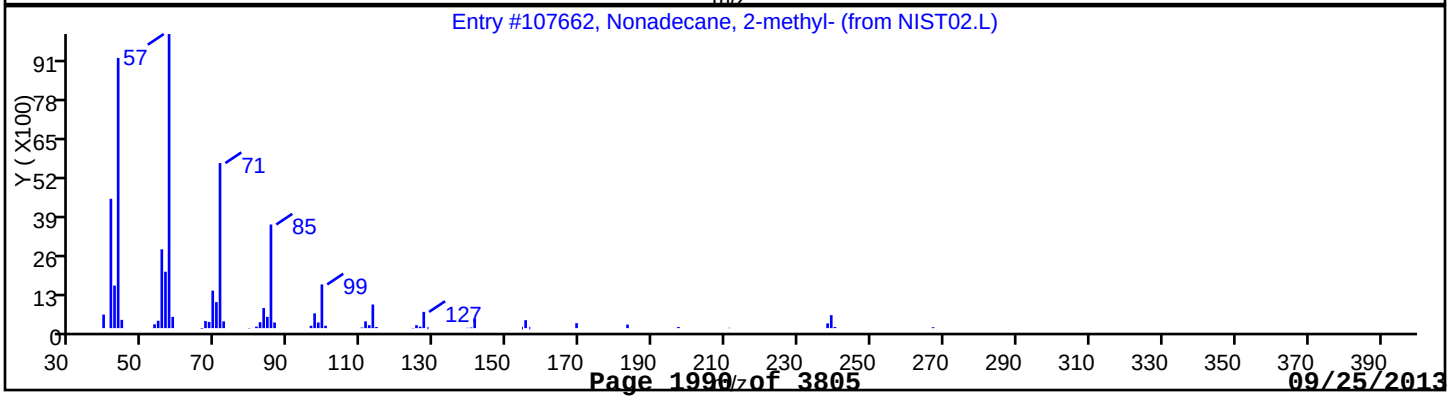
Injection Date:	19-Sep-2013 18:43:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-26SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Octadecane, 2-methyl-	1560-88-9	NIST02.L	99487	83
Octacosane	630-02-4	NIST02.L	155178	74
Nonadecane, 2-methyl-	1560-86-7	NIST02.L	107662	72









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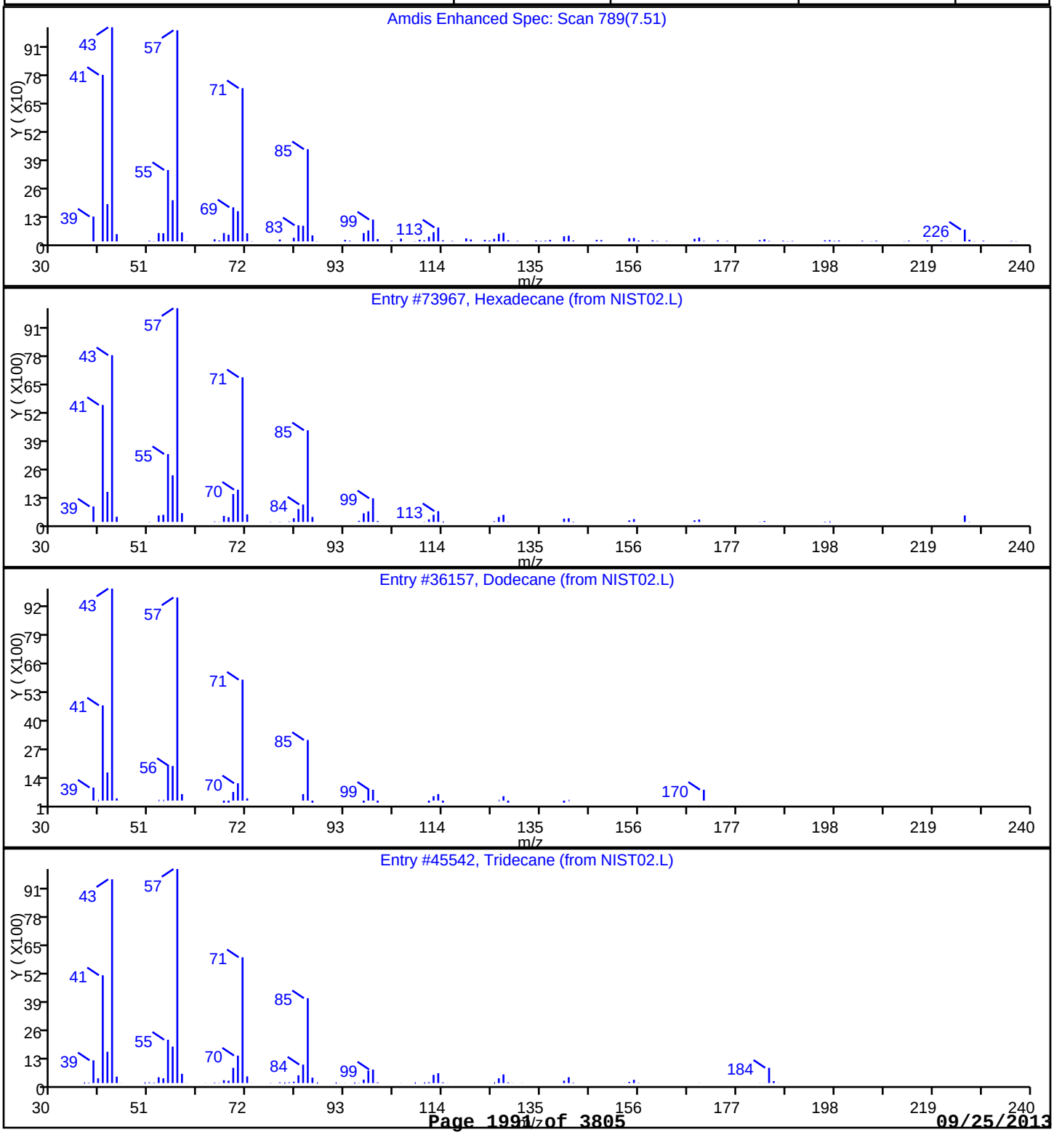
Injection Date:	19-Sep-2013 18:43:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-26SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane	544-76-3	NIST02.L	73967	99
Dodecane	112-40-3	NIST02.L	36157	90
Tridecane	629-50-5	NIST02.L	45542	87



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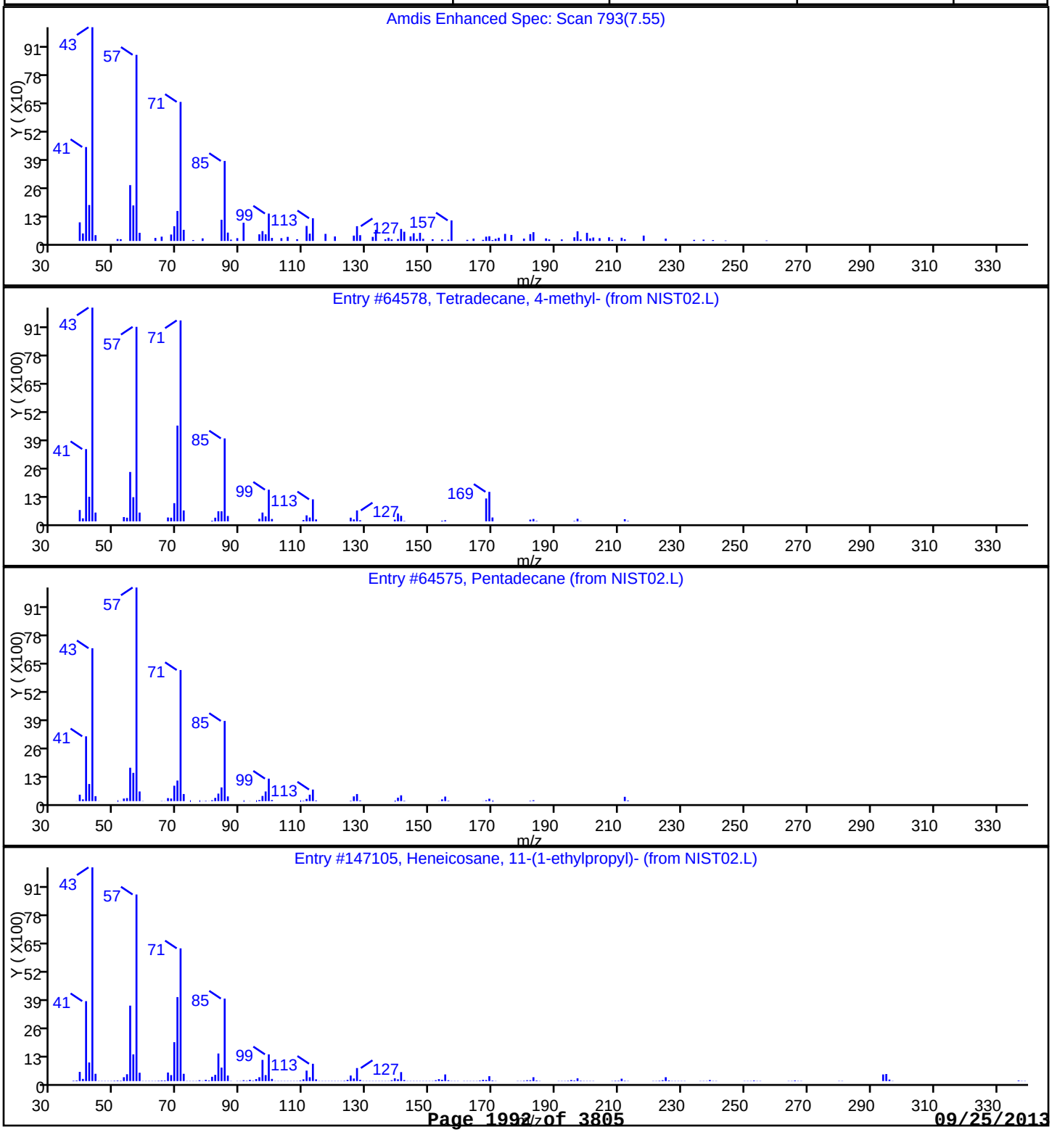
Client ID:	PMP-26SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tetradecane, 4-methyl-	25117-24-2	NIST02.L	64578	89
Pentadecane	629-62-9	NIST02.L	64575	81
Heneicosane, 11-(1-ethylpropyl)-	55282-11-6	NIST02.L	147105	80



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TestAmerica Edison

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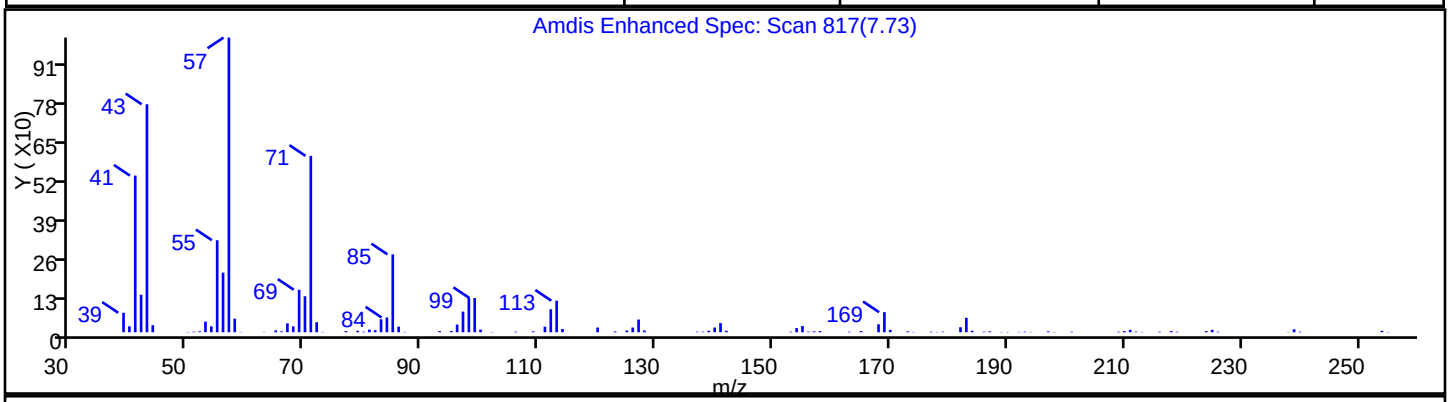
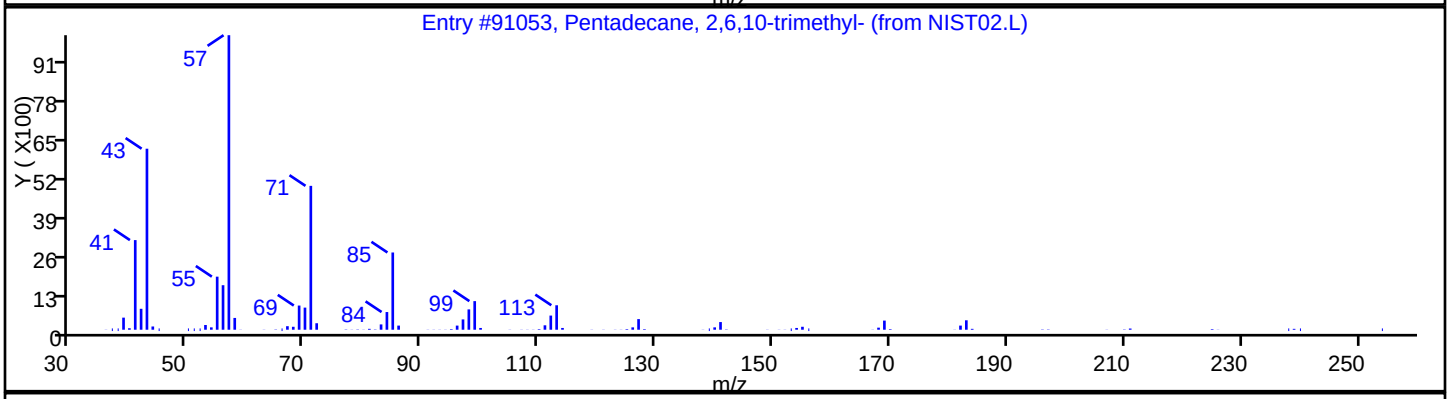
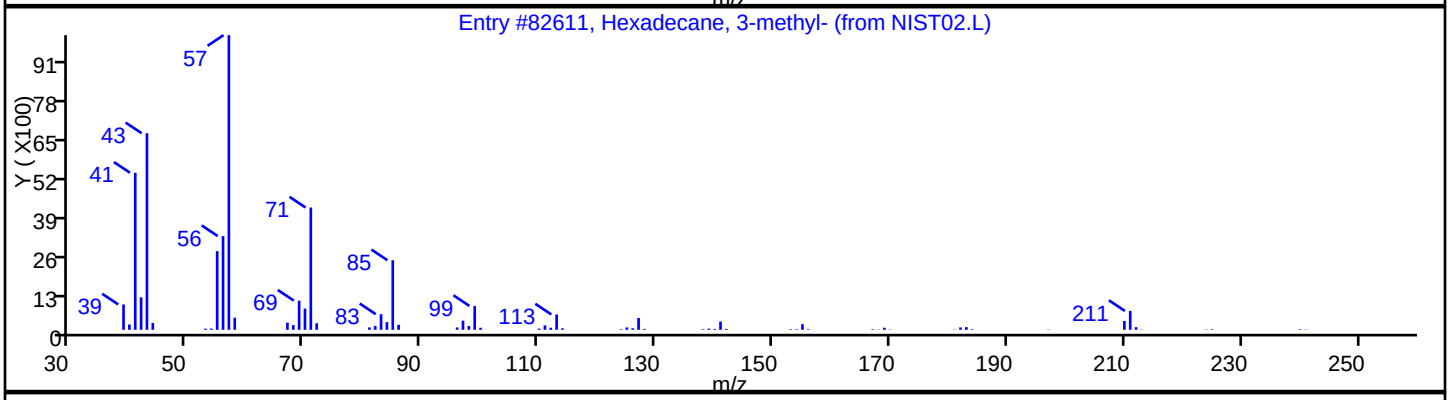
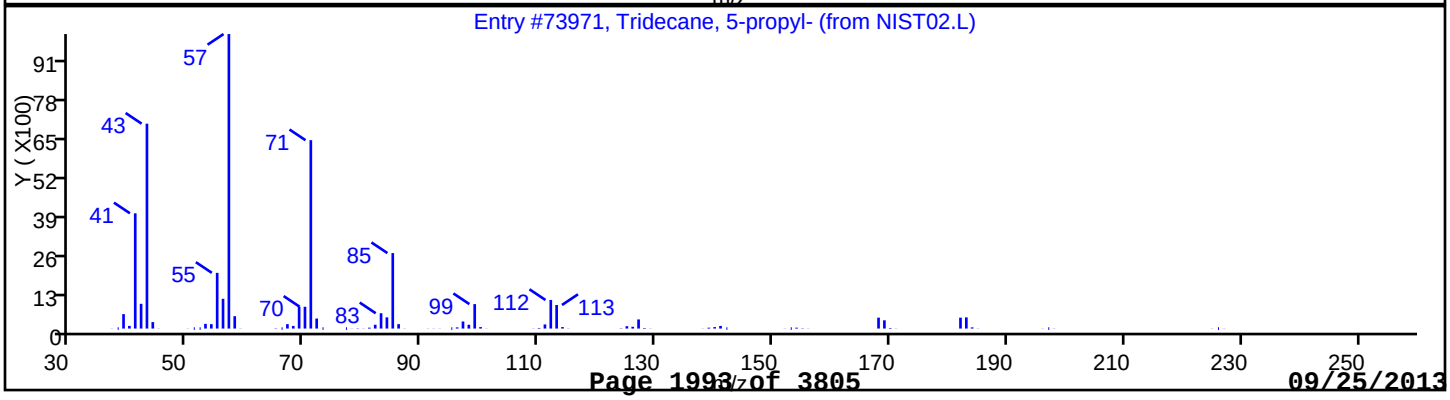
Injection Date:	19-Sep-2013 18:43:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-26SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	91
Hexadecane, 3-methyl-	6418-43-5	NIST02.L	82611	89
Tridecane, 5-propyl-	55045-11-9	NIST02.L	73971	87









Report Date: 20-Sep-2013 11:50:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

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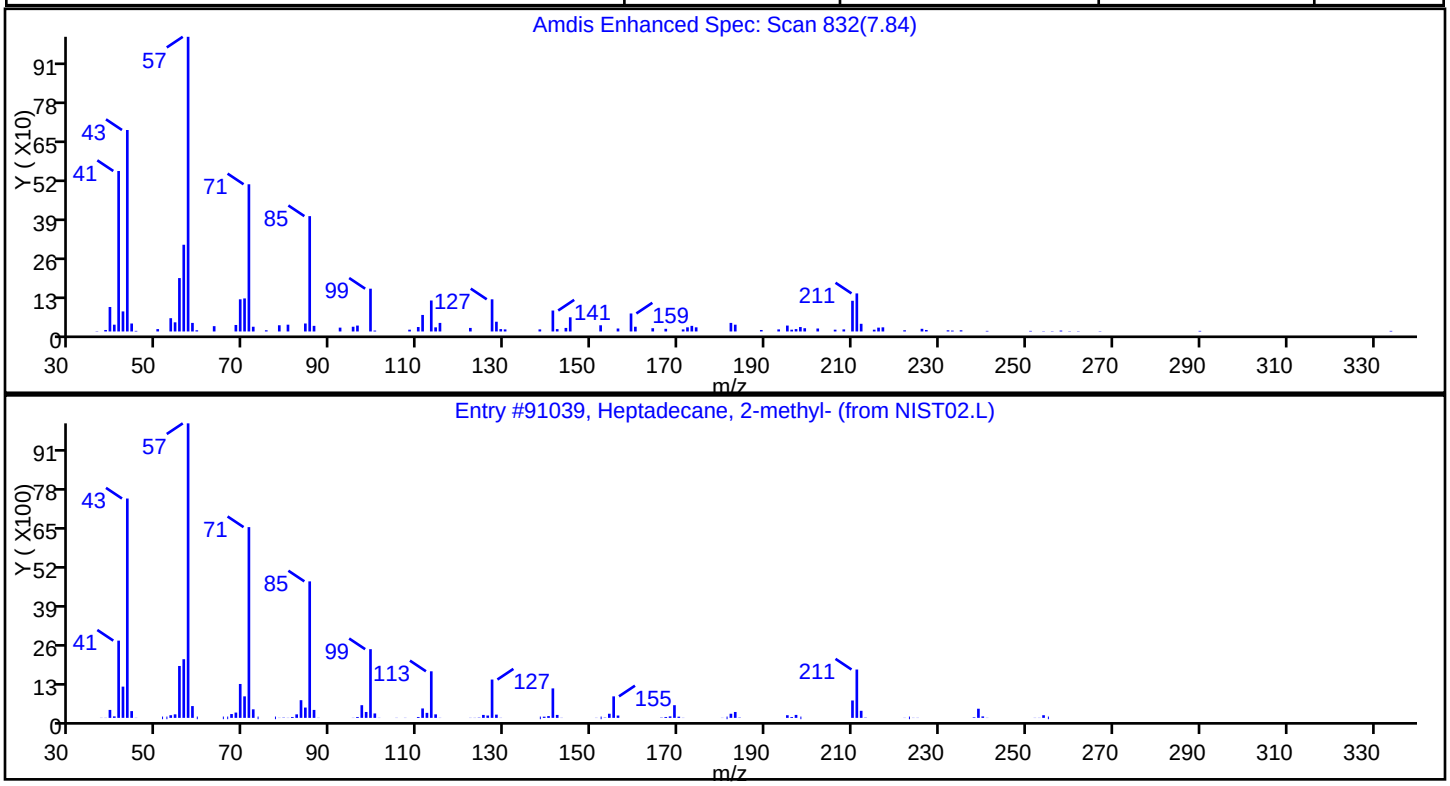
Injection Date:	19-Sep-2013 18:43:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-26SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Heptadecane, 2-methyl-	1560-89-0	NIST02.L	91039	80



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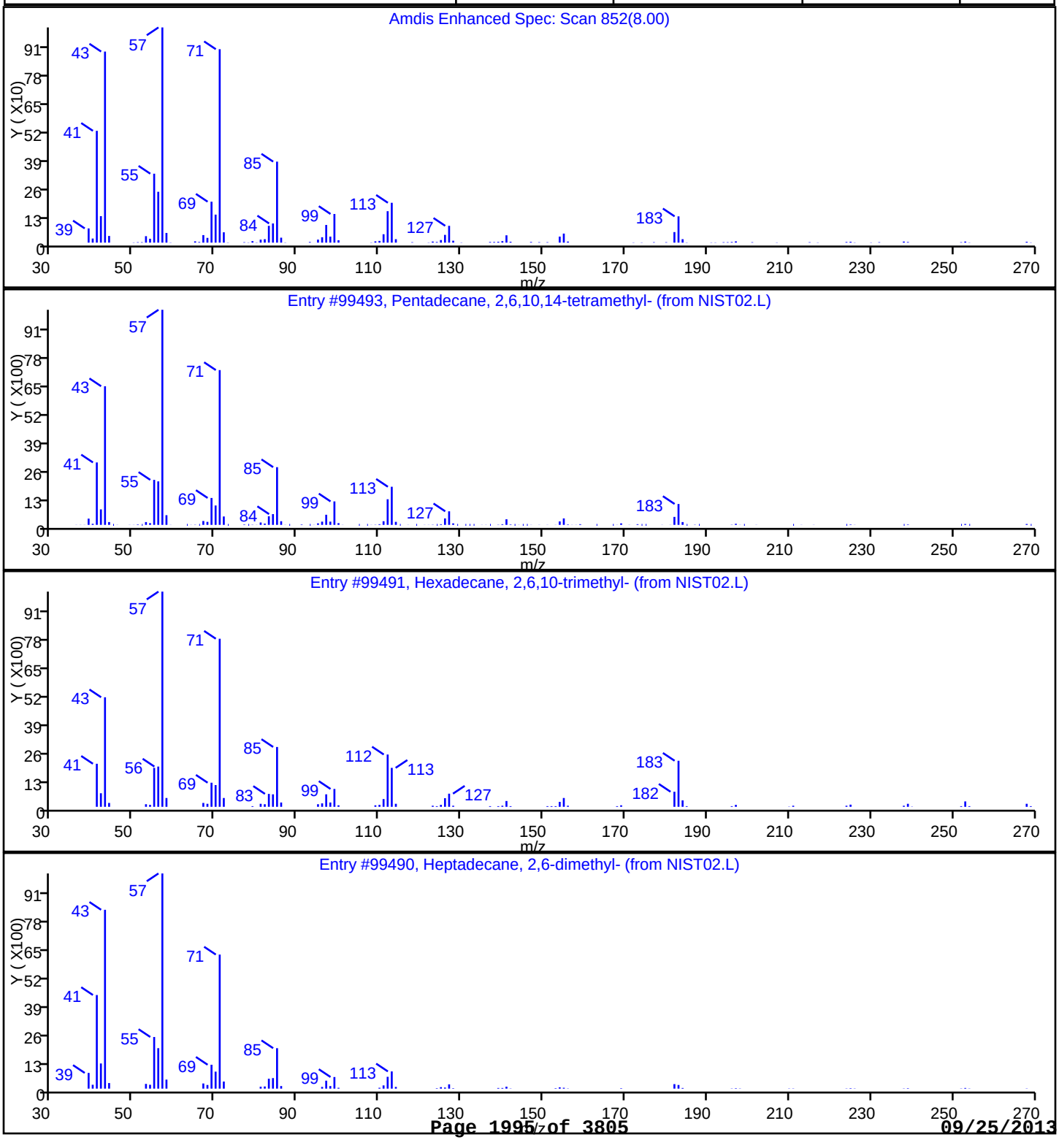
Injection Date:	19-Sep-2013 18:43:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-26SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	95
Hexadecane, 2,6,10-trimethyl-	55000-52-7	NIST02.L	99491	93
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	93



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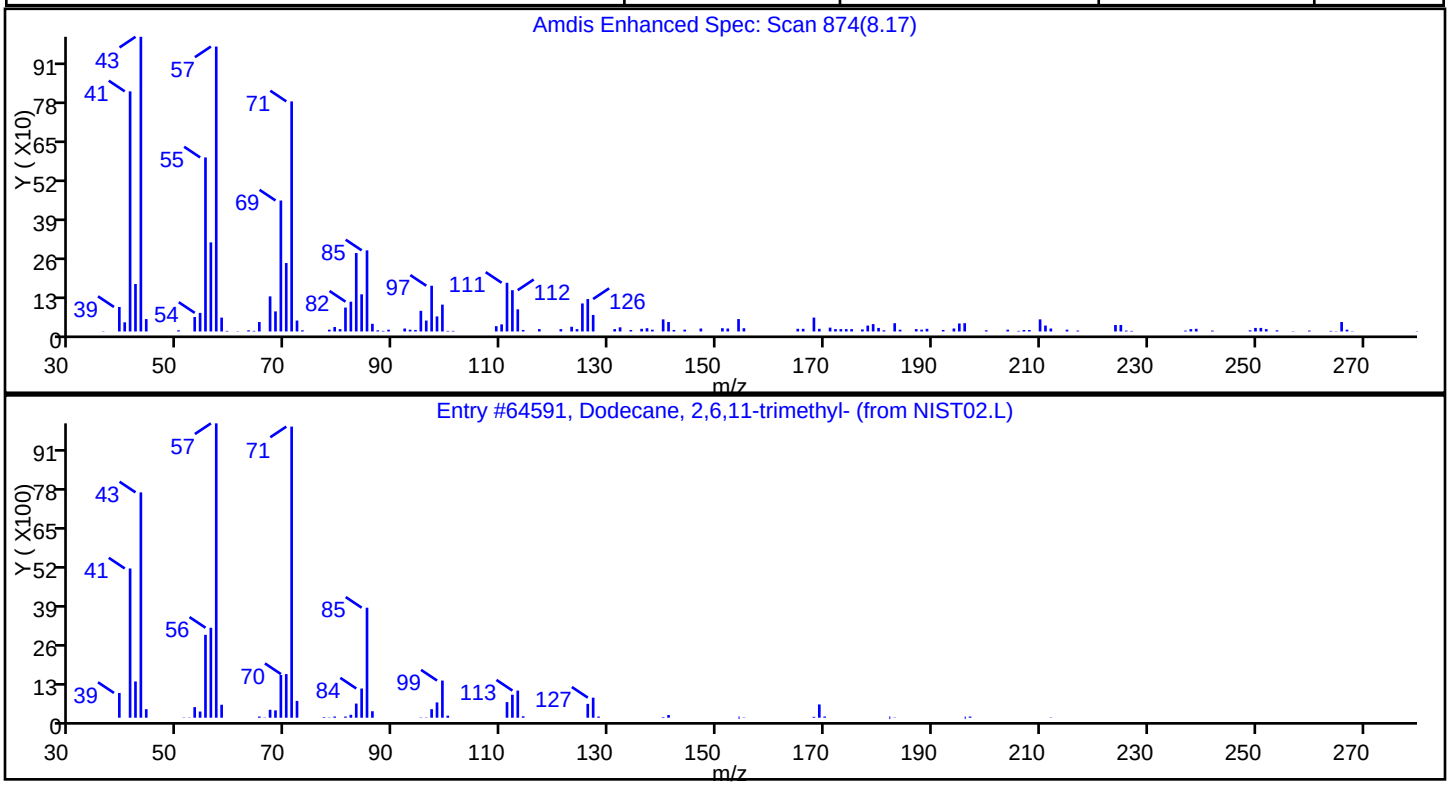
Client ID:	PMP-26SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	76



Report Date: 20-Sep-2013 11:50:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

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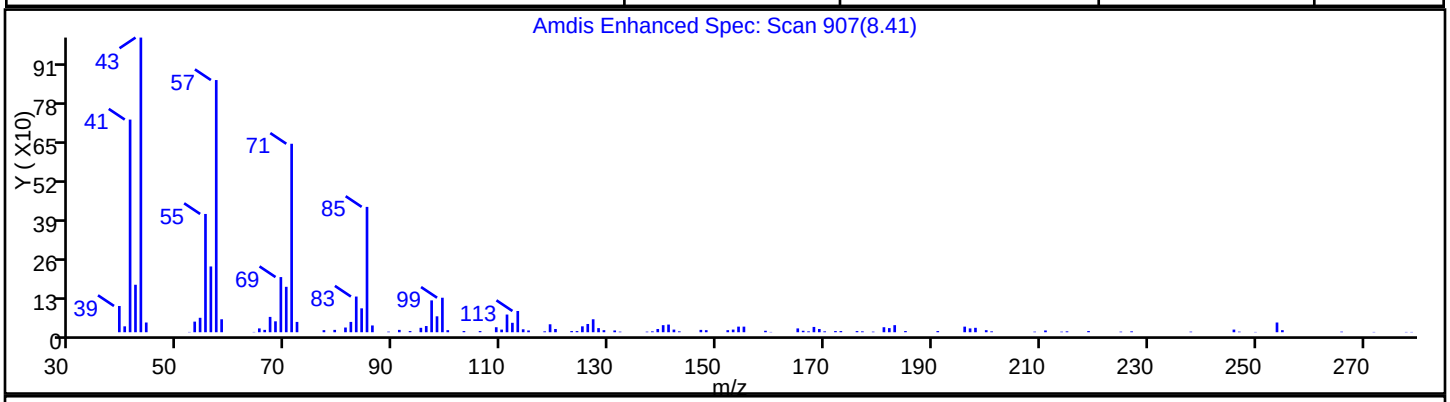
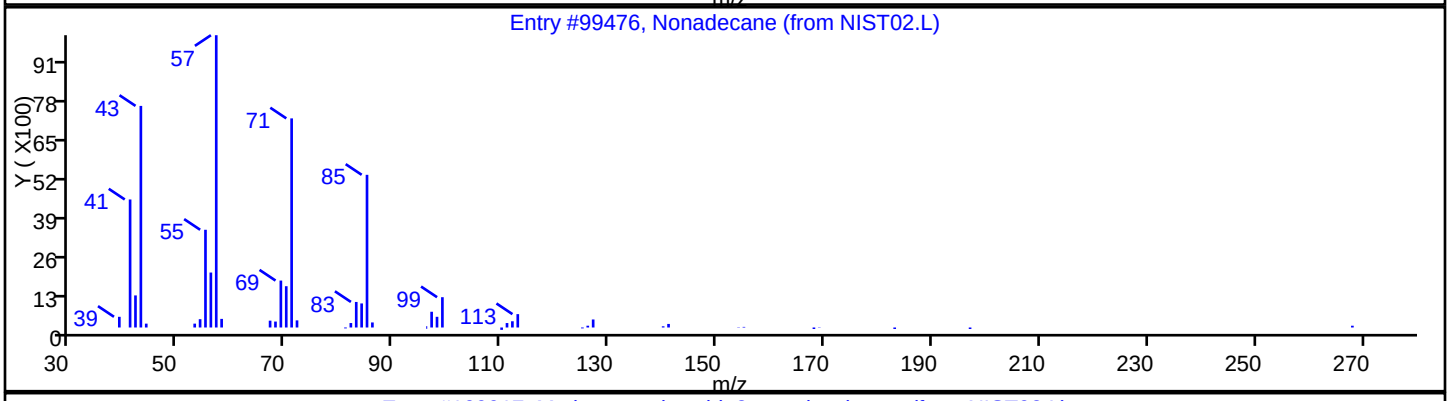
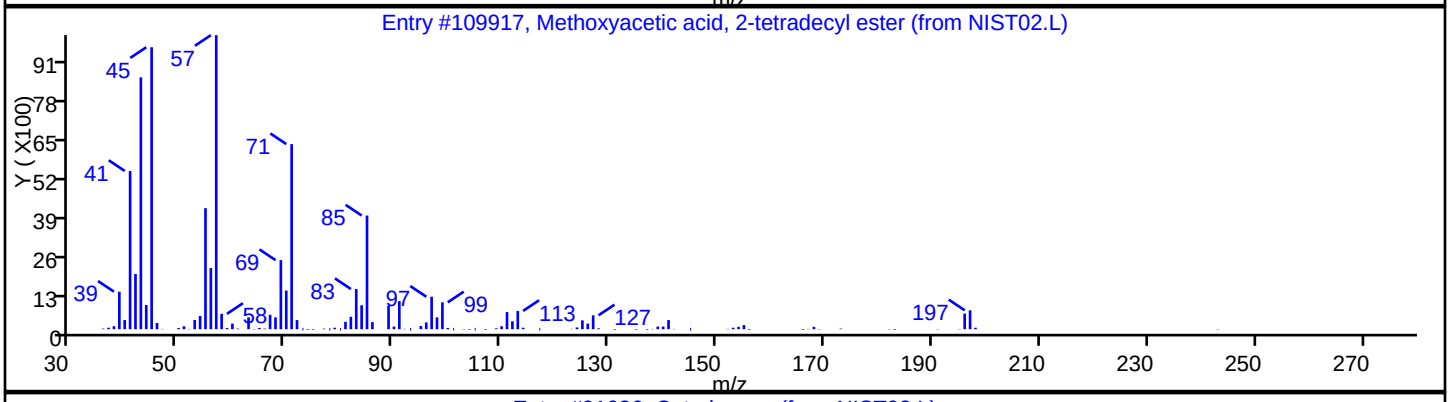
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91022.D

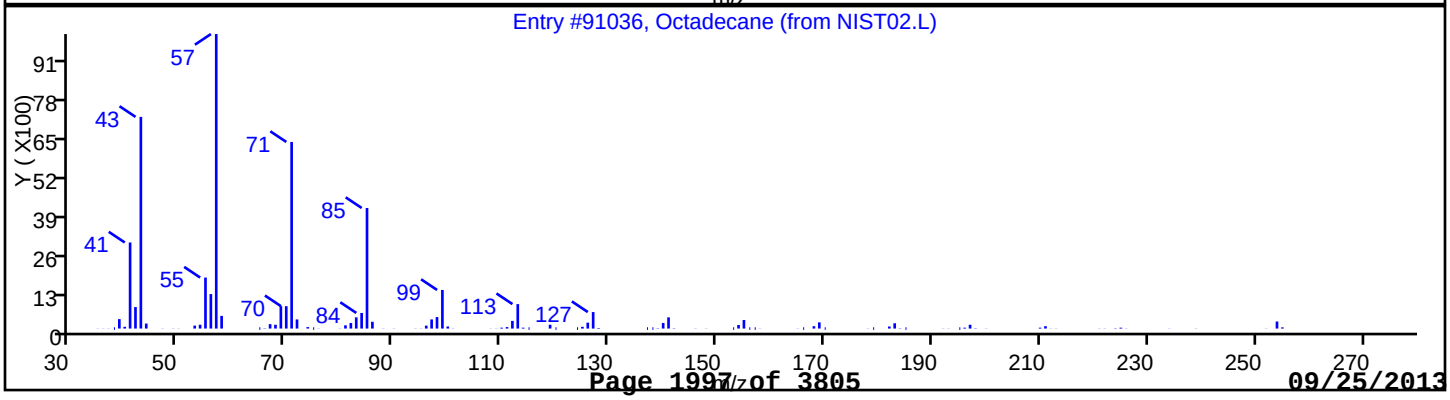
Injection Date:	19-Sep-2013 18:43:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-26SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Nonadecane	629-92-5	NIST02.L	99476	91
Methoxyacetic acid, 2-tetradecyl ester	1000282-04-8	NIST02.L	109917	91
Octadecane	593-45-3	NIST02.L	91036	90









Report Date: 20-Sep-2013 11:50:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

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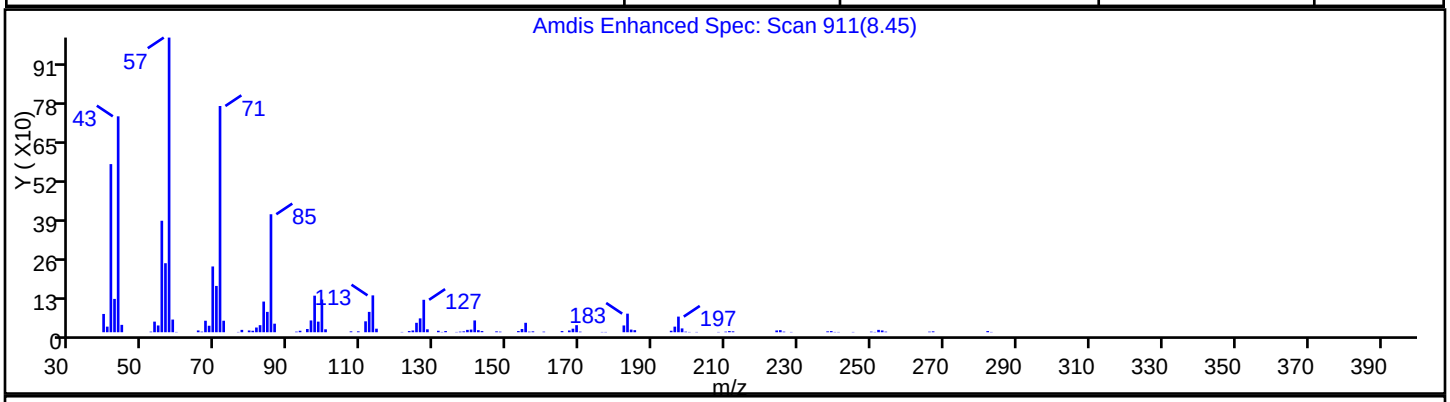
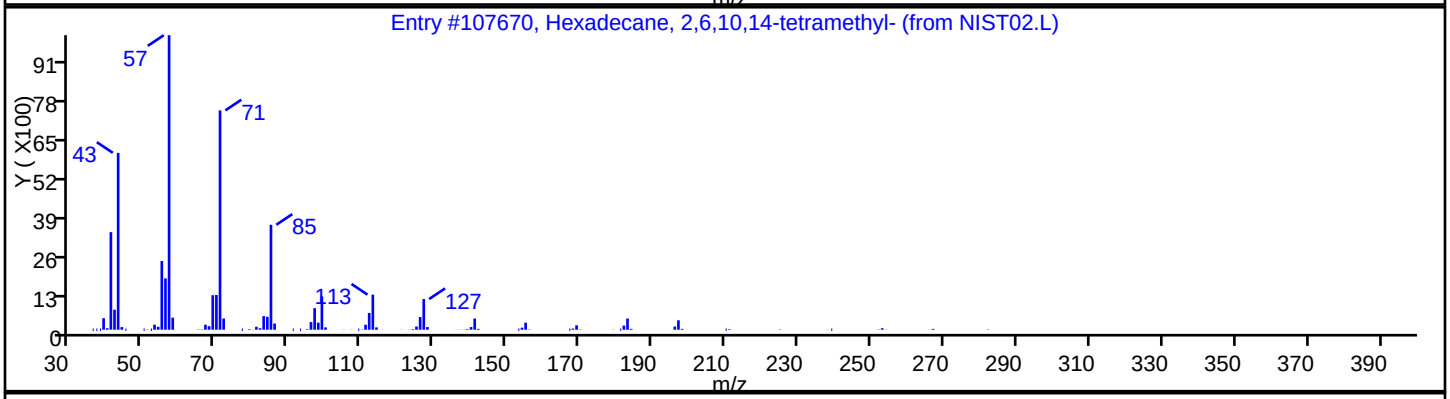
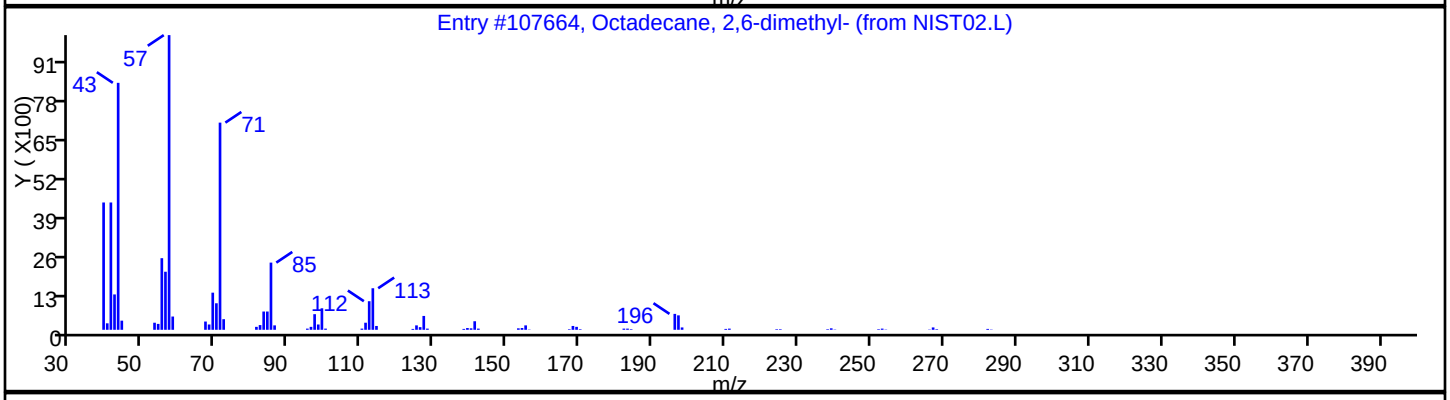
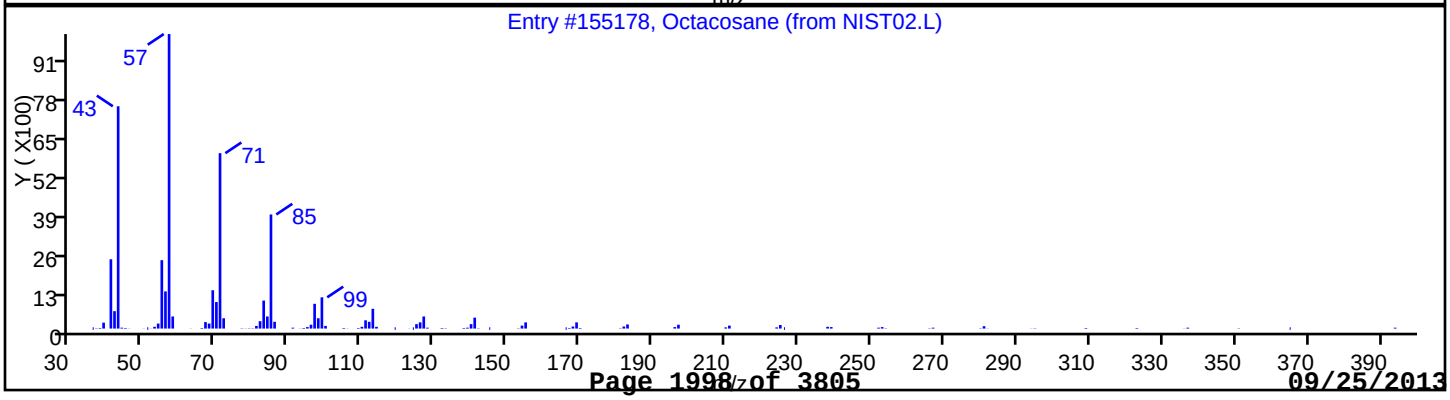
Injection Date:	19-Sep-2013 18:43:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-26SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	99
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.L	107664	91
Octacosane	630-02-4	NIST02.L	155178	87









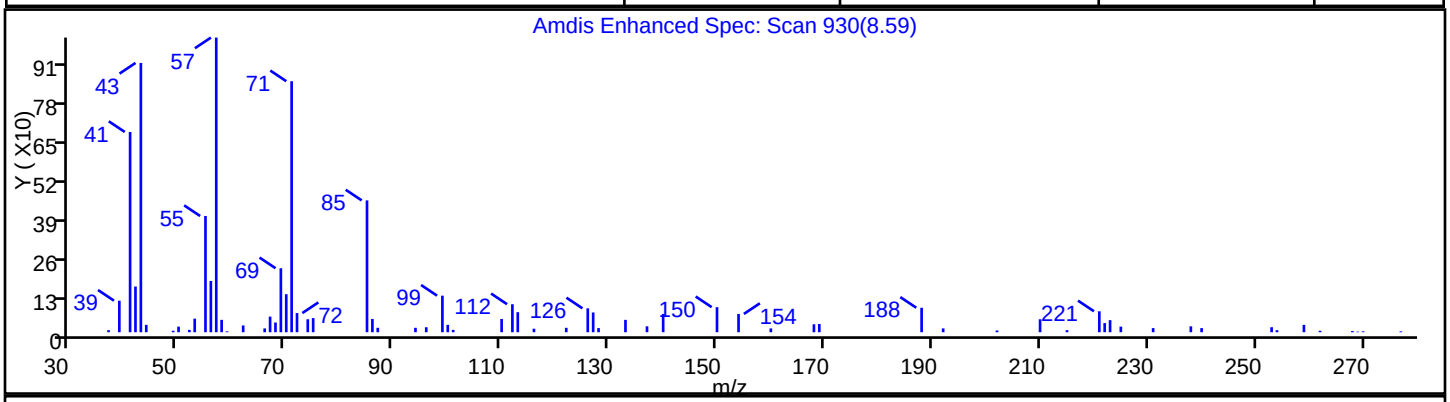
Report Date: 20-Sep-2013 11:50:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

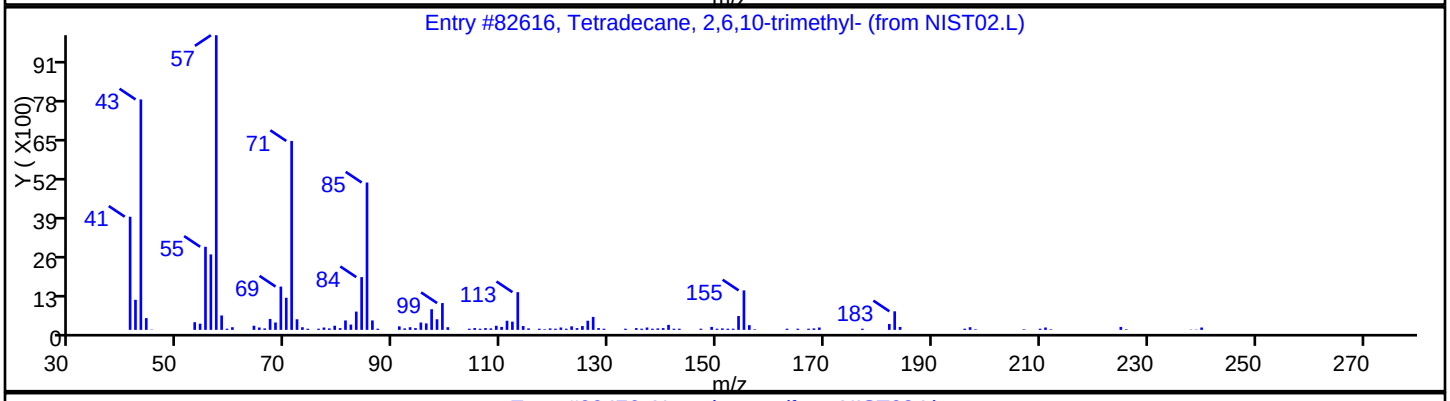
TestAmerica Edison

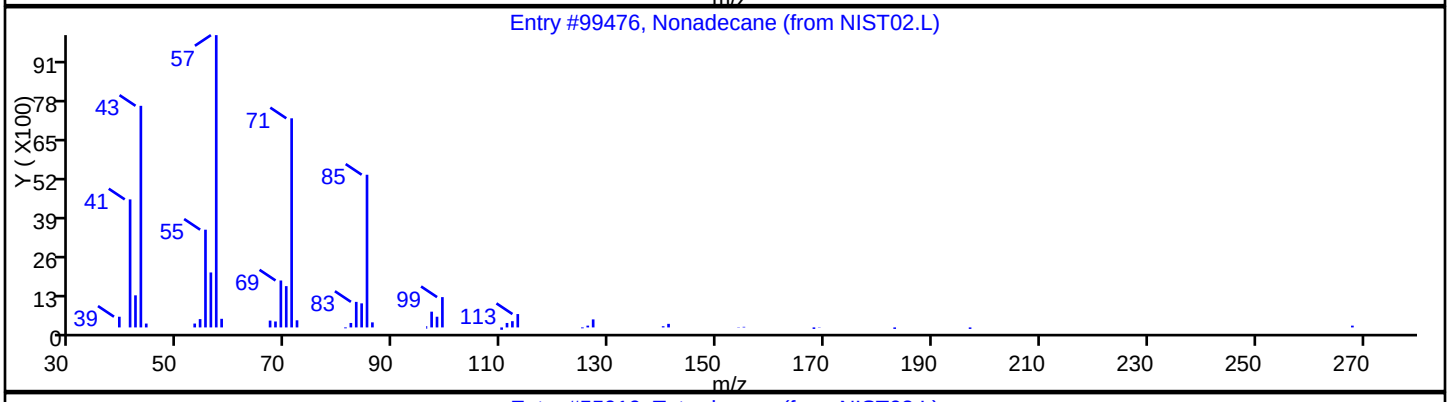
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91022.D

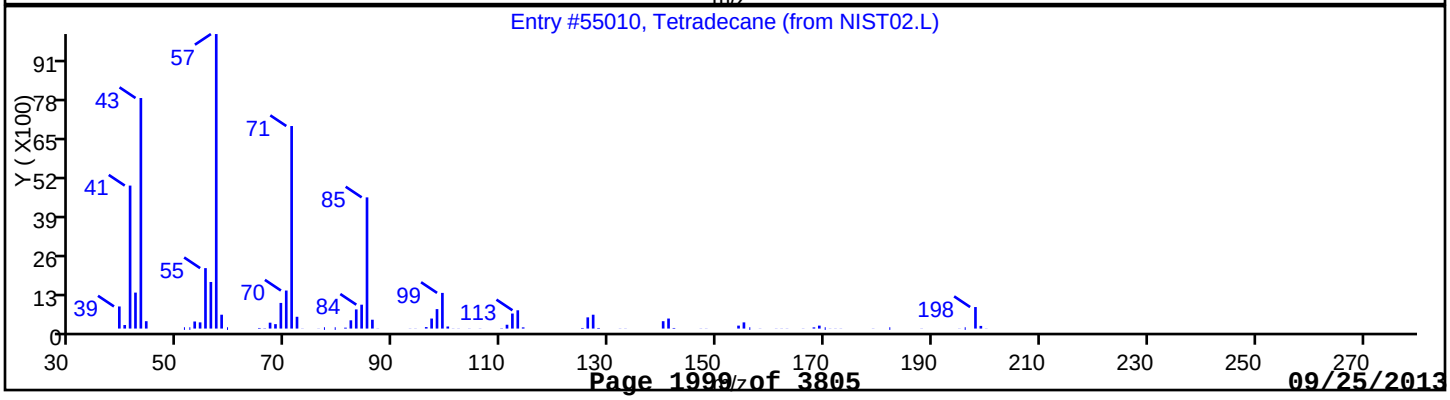
Injection Date:	19-Sep-2013 18:43:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-26SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tetradecane, 2,6,10-trimethyl-	14905-56-7	NIST02.L	82616	83
Nonadecane	629-92-5	NIST02.L	99476	80
Tetradecane	629-59-4	NIST02.L	55010	80









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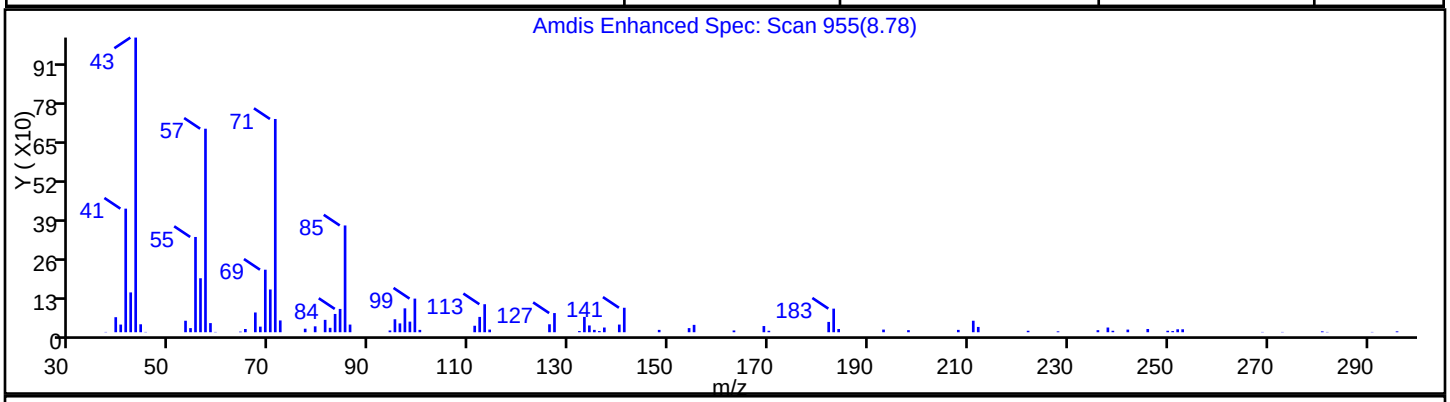
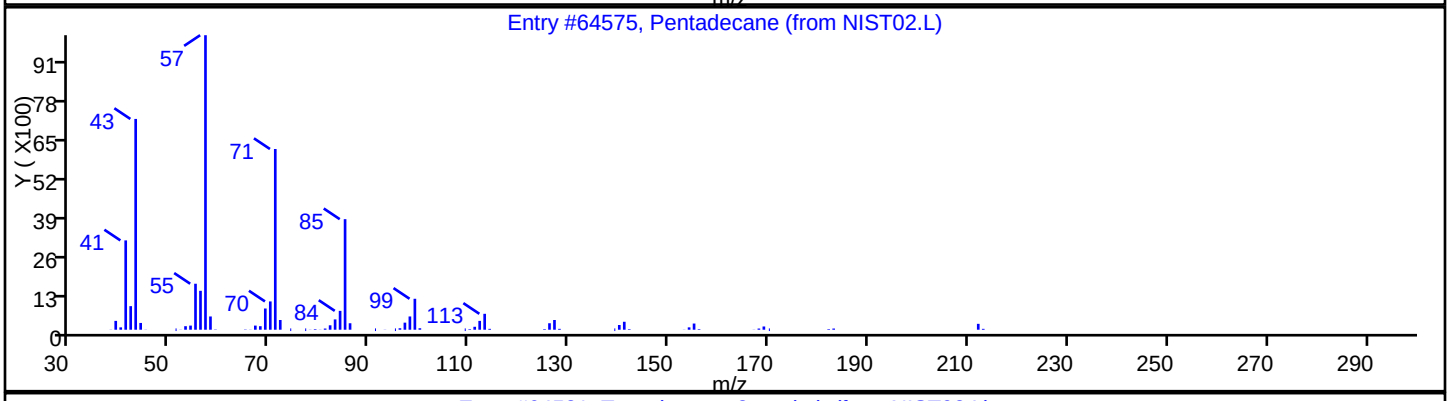
TestAmerica Edison

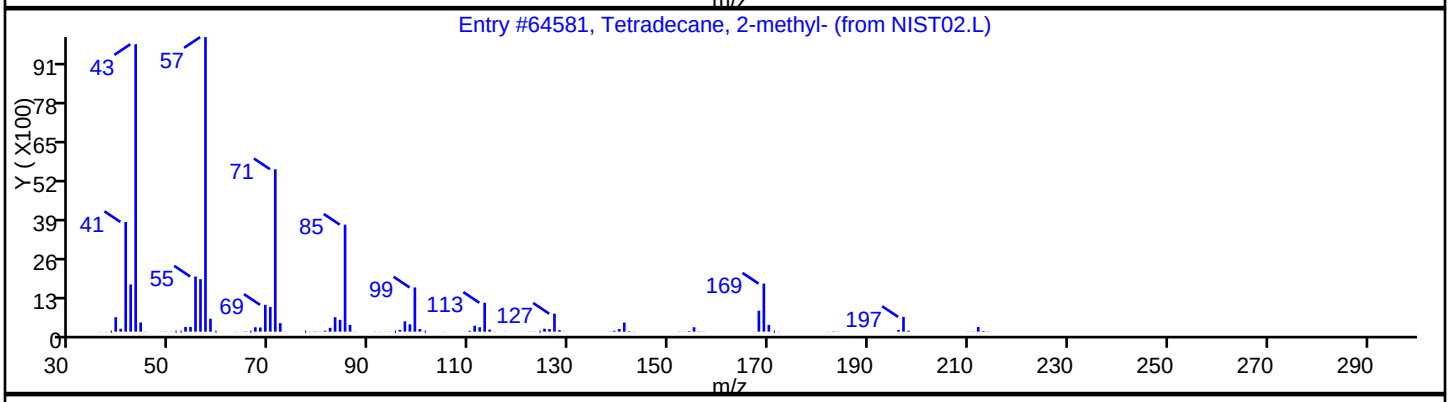
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91022.D

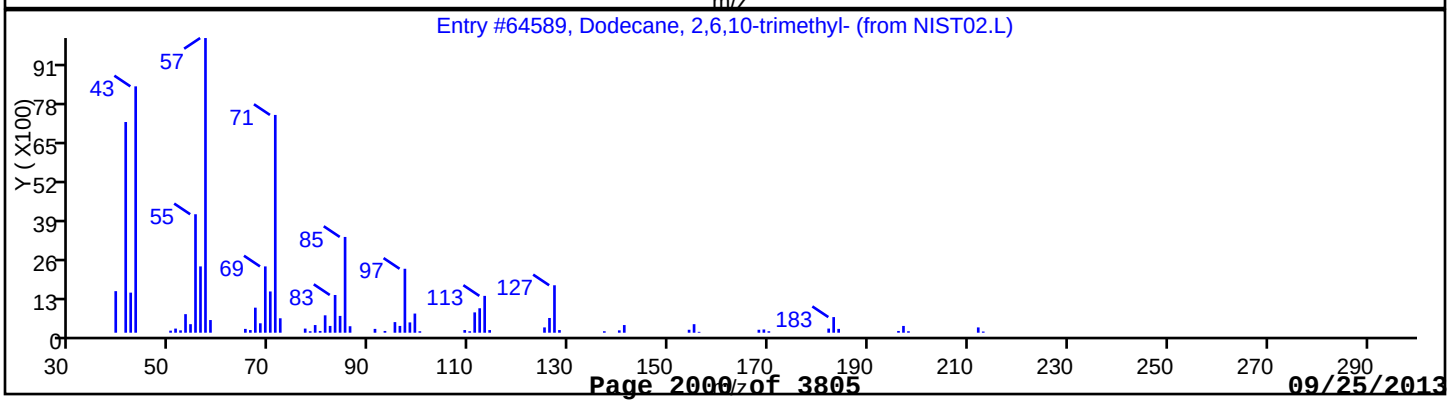
Injection Date:	19-Sep-2013 18:43:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-26SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane	629-62-9	NIST02.L	64575	81
Tetradecane, 2-methyl-	1560-95-8	NIST02.L	64581	81
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64589	80









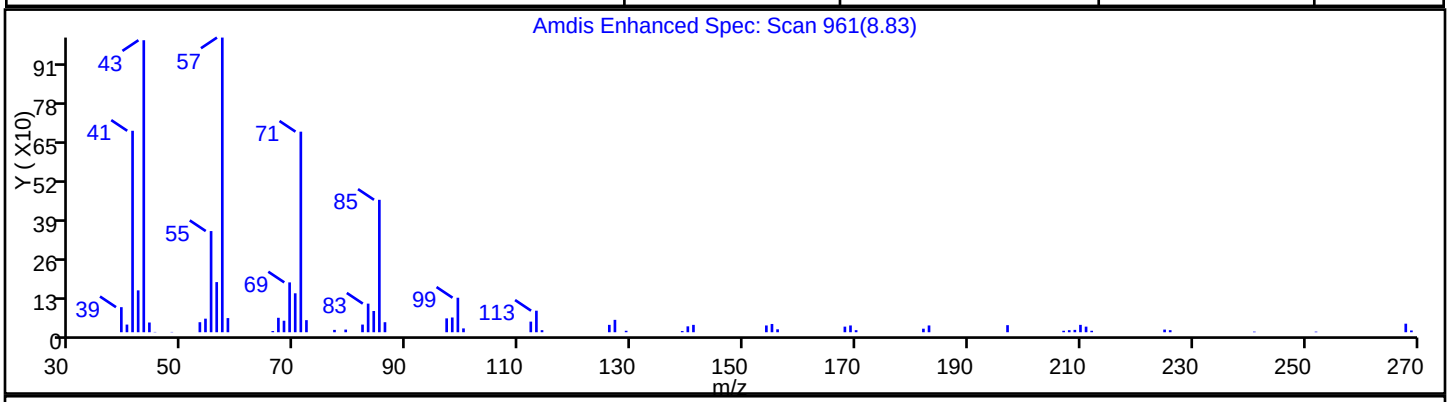
Report Date: 20-Sep-2013 11:50:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

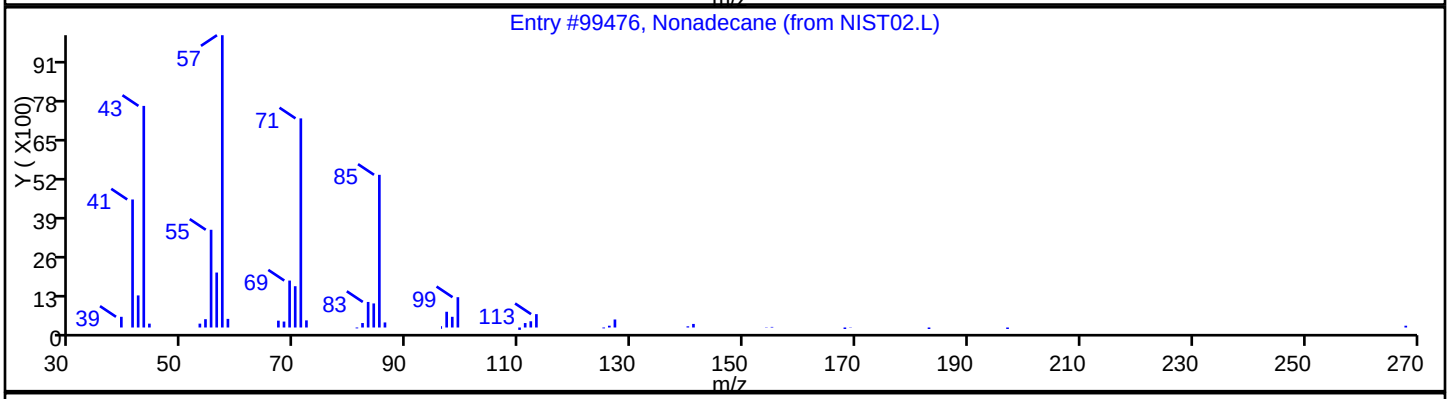
TestAmerica Edison

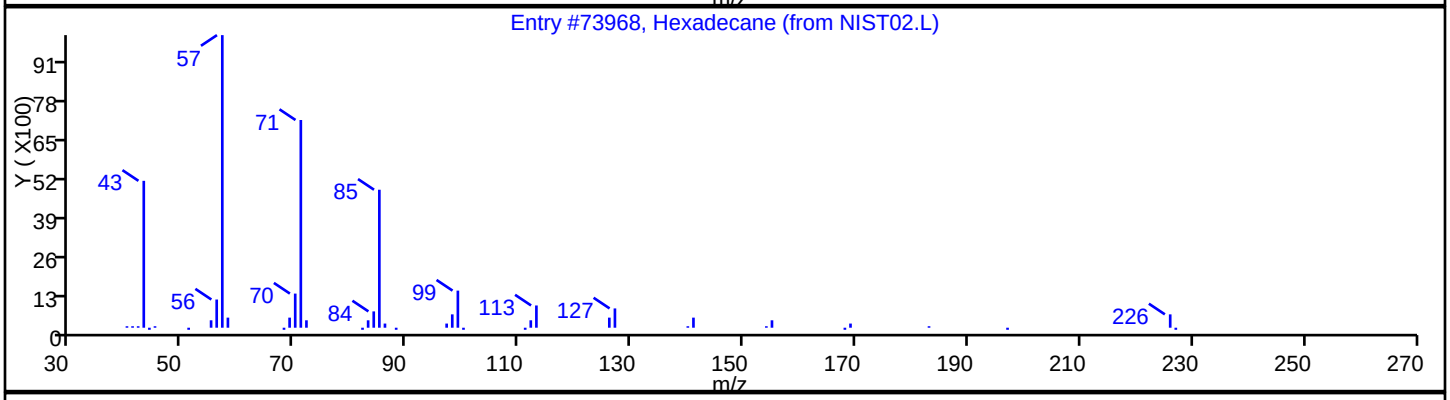
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91022.D

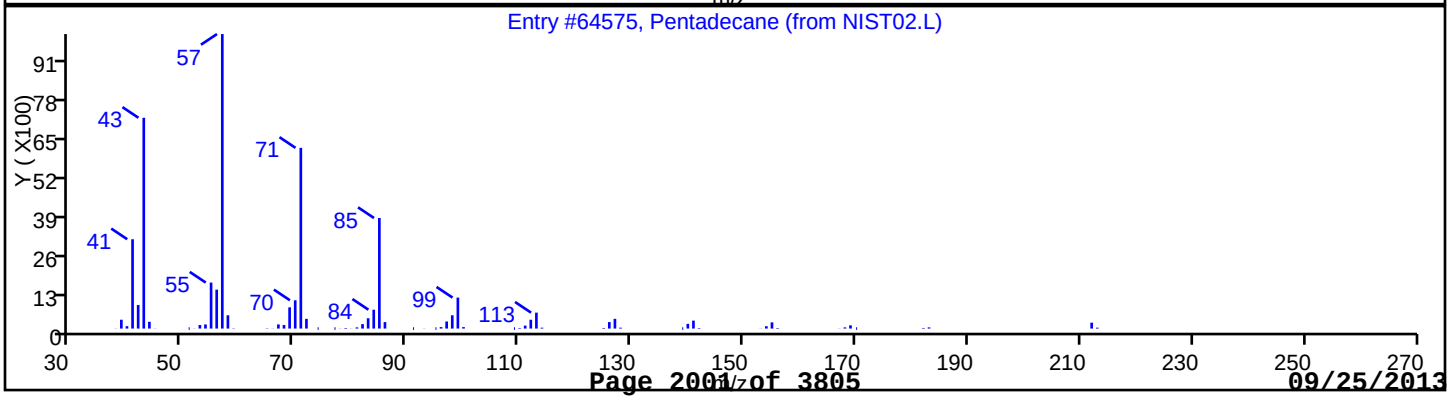
Injection Date:	19-Sep-2013 18:43:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-26SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Nonadecane	629-92-5	NIST02.L	99476	98
Hexadecane	544-76-3	NIST02.L	73968	96
Pentadecane	629-62-9	NIST02.L	64575	94









FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-SI | Lab Sample ID: 460-62968-10

Matrix: Solid | Lab File ID: U91002.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:10

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 09:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	53	U	390	53
95-57-8	2-Chlorophenol	52	U	390	52
95-48-7	2-Methylphenol	67	U	390	67
106-44-5	4-Methylphenol	78	U	390	78
100-52-7	Benzaldehyde	46	U	390	46
98-86-2	Acetophenone	61	U	390	61
111-44-4	Bis(2-chloroethyl)ether	5.4	U	39	5.4
108-60-1	2,2'-oxybis[1-chloropropane]	44	U	390	44
621-64-7	N-Nitrosodi-n-propylamine	6.6	U	39	6.6
98-95-3	Nitrobenzene	5.6	U	39	5.6
67-72-1	Hexachloroethane	4.4	U	39	4.4
78-59-1	Isophorone	48	U	390	48
88-75-5	2-Nitrophenol	44	U	390	44
105-67-9	2,4-Dimethylphenol	97	U	390	97
120-83-2	2,4-Dichlorophenol	58	U	390	58
111-91-1	Bis(2-chloroethoxy)methane	51	U	390	51
91-20-3	Naphthalene	46	U	390	46
106-47-8	4-Chloroaniline	100	U	390	100
87-68-3	Hexachlorobutadiene	9.6	U	80	9.6
105-60-2	Caprolactam	91	U	390	91
59-50-7	4-Chloro-3-methylphenol	60	U	390	60
91-57-6	2-Methylnaphthalene	51	U	390	51
118-74-1	Hexachlorobenzene	5.4	U	39	5.4
77-47-4	Hexachlorocyclopentadiene	46	U	390	46
88-06-2	2,4,6-Trichlorophenol	46	U	390	46
95-95-4	2,4,5-Trichlorophenol	51	U	390	51
92-52-4	Diphenyl	53	U	390	53
91-58-7	2-Chloronaphthalene	44	U	390	44
88-74-4	2-Nitroaniline	160	U	800	160
606-20-2	2,6-Dinitrotoluene	12	U	80	12
131-11-3	Dimethyl phthalate	47	U	390	47
208-96-8	Acenaphthylene	47	U	390	47
99-09-2	3-Nitroaniline	140	U	800	140
83-32-9	Acenaphthene	58	U	390	58

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-SI | Lab Sample ID: 460-62968-10

Matrix: Solid | Lab File ID: U91002.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:10

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 09:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | 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	51	U	390	51
206-44-0	Fluoranthene	53	U	390	53
84-74-2	Di-n-butyl phthalate	63	J	390	49
121-14-2	2,4-Dinitrotoluene	13	U	80	13
7005-72-3	4-Chlorophenyl phenyl ether	46	U	390	46
100-01-6	4-Nitroaniline	120	U	800	120
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	39	U	390	39
1912-24-9	Atrazine	61	U	390	61
120-12-7	Anthracene	48	U	390	48
86-74-8	Carbazole	47	U	390	47
85-01-8	Phenanthrene	50	U	390	50
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	33	U	390	33
218-01-9	Chrysene	46	U	390	46
207-08-9	Benzo[k]fluoranthene	3.0	U	39	3.0
191-24-2	Benzo[g,h,i]perylene	29	U	390	29
205-99-2	Benzo[b]fluoranthene	2.5	U	39	2.5
50-32-8	Benzo[a]pyrene	2.8	U	39	2.8
56-55-3	Benzo[a]anthracene	2.8	U	39	2.8
86-30-6	N-Nitrosodiphenylamine	39	U	390	39
85-68-7	Butyl benzyl phthalate	36	U	390	36
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	390	130
117-84-0	Di-n-octyl phthalate	25	U	390	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.3	U	39	7.3
53-70-3	Dibenz(a,h)anthracene	5.0	U	39	5.0
91-94-1	3,3'-Dichlorobenzidine	140	U	800	140
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	390	53
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	390	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-SI | Lab Sample ID: 460-62968-10

Matrix: Solid | Lab File ID: U91002.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:10

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 09:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	68		38-105
4165-62-2	Phenol-d5	98		41-118
1718-51-0	Terphenyl-d14	69		16-151
118-79-6	2,4,6-Tribromophenol	111		10-120
367-12-4	2-Fluorophenol	97		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-SI | Lab Sample ID: 460-62968-10

Matrix: Solid | Lab File ID: U91002.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:10

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 09:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | 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\CBNAMS4\20130919-4790.b\U91002.D		
Lims ID:	460-62968-E-10-B	Client ID:	PMP-26SE-SI
Inject. Date:	19-Sep-2013 09:21:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004790-018		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	18
Lims Batch ID:	182070	Lims Sample ID:	18
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m		
Last Update:	20-Sep-2013 11:16:04	Calib Date:	18-Sep-2013 15:35:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90967.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:	19-Sep-2013 10:23:18

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.735	2.740	-0.005	83	367164	96.9	
$ 6 Phenol-d5	99	3.670	3.692	-0.022	53	442991	98.2	
* 13 1,4-Dichlorobenzene-d4	152	4.009	4.023	-0.014	88	135065	40.0	
$ 25 Nitrobenzene-d5	82	4.571	4.588	-0.017	93	272351	33.9	
* 35 Naphthalene-d8	136	5.291	5.310	-0.019	96	551258	40.0	
$ 48 2-Fluorobiphenyl	172	6.380	6.398	-0.018	96	412174	32.7	
* 61 Acenaphthene-d10	164	7.038	7.057	-0.019	92	356873	40.0	
$ 76 2,4,6-Tribromophenol	330	7.823	7.832	-0.009	90	368029	111.0	
* 83 Phenanthrene-d10	188	8.489	8.510	-0.021	97	781968	40.0	
87 Di-n-butyl phthalate	149	9.075	9.094	-0.019	93	20323	0.7942	
$ 91 Terphenyl-d14	244	10.057	10.069	-0.012	98	1184118	34.3	
* 96 Chrysene-d12	240	11.172	11.193	-0.021	97	1331233	40.0	
98 Bis(2-ethylhexyl) phthalate	149	11.212	11.232	-0.020	66	7172	0.3054	
* 103 Perylene-d12	264	12.997	13.017	-0.020	97	1188500	40.0	

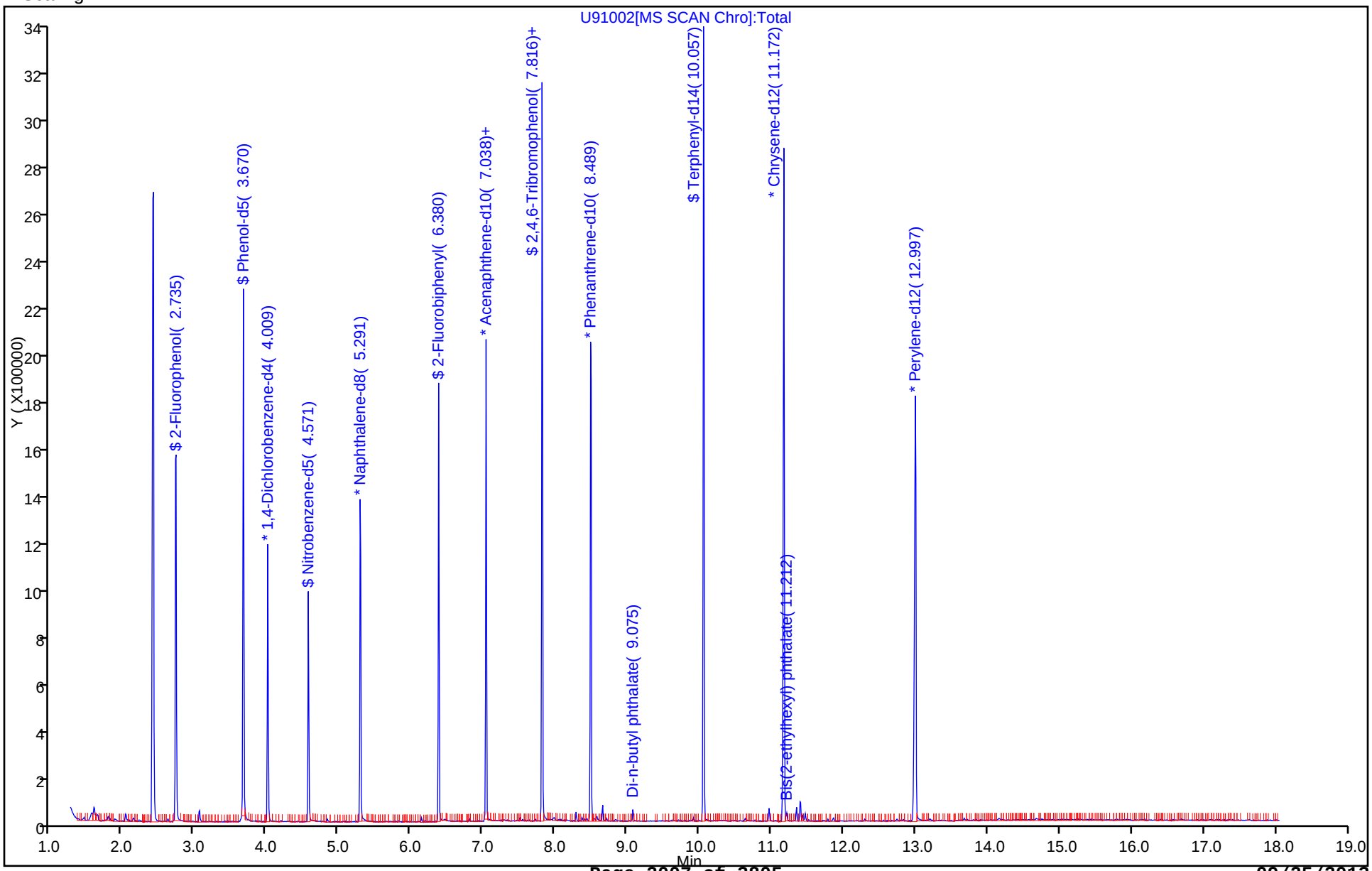
Report Date: 20-Sep-2013 11:18:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91002.D

Injection Date:	19-Sep-2013 09:21:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-26SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	18
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Y Scaling:



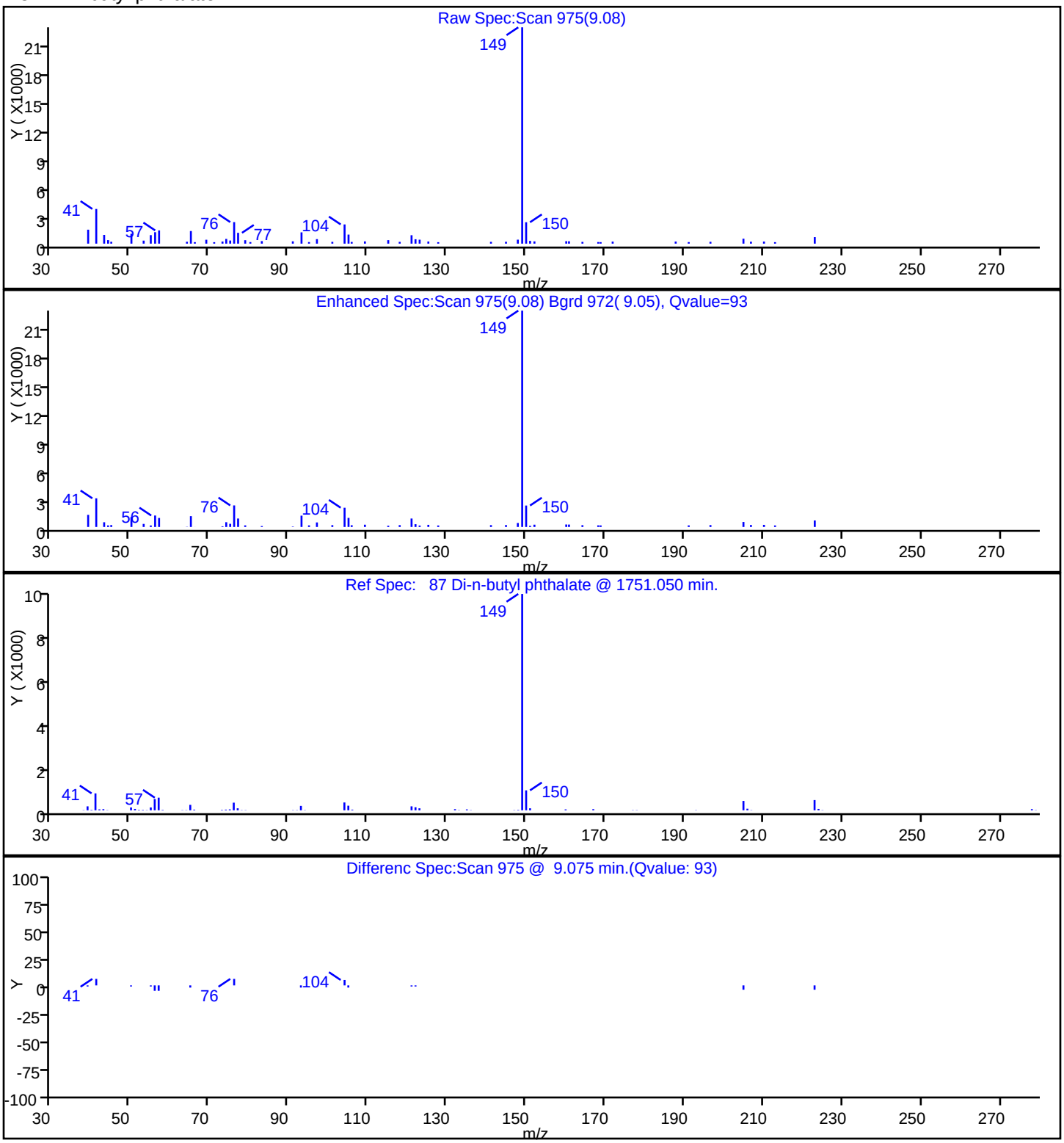
Report Date: 20-Sep-2013 11:18:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91002.D

Injection Date:	19-Sep-2013 09:21:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-26SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	18
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

87 Di-n-butyl phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-VD | Lab Sample ID: 460-62968-11

Matrix: Solid | Lab File ID: U91003.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:25

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 09:44

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.: 182070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	60	U	350	60
106-44-5	4-Methylphenol	69	U	350	69
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.9	U	35	5.9
98-95-3	Nitrobenzene	5.0	U	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	43	U	350	43
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	87	U	350	87
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	41	U	350	41
106-47-8	4-Chloroaniline	93	U	350	93
87-68-3	Hexachlorobutadiene	8.6	U	71	8.6
105-60-2	Caprolactam	81	U	350	81
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	710	150
606-20-2	2,6-Dinitrotoluene	11	U	71	11
131-11-3	Dimethyl phthalate	42	U	350	42
208-96-8	Acenaphthylene	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-VD | Lab Sample ID: 460-62968-11

Matrix: Solid | Lab File ID: U91003.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:25

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 09:44

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.: 182070 | 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	87	J	350	43
121-14-2	2,4-Dinitrotoluene	12	U	71	12
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
534-52-1	4,6-Dinitro-2-methylphenol	96	U	1100	96
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	54	U	350	54
120-12-7	Anthracene	43	U	350	43
86-74-8	Carbazole	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	2.5	U	35	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-VD Lab Sample ID: 460-62968-11

Matrix: Solid Lab File ID: U91003.D

Analysis Method: 8270C Date Collected: 09/12/2013 10:25

Extract. Method: 3541 Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.00(g) Date Analyzed: 09/19/2013 09:44

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.: 182070 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	55		38-105
4165-62-2	Phenol-d5	88		41-118
1718-51-0	Terphenyl-d14	83		16-151
118-79-6	2,4,6-Tribromophenol	76		10-120
367-12-4	2-Fluorophenol	74		37-125
321-60-8	2-Fluorobiphenyl	58		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-VD | Lab Sample ID: 460-62968-11

Matrix: Solid | Lab File ID: U91003.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:25

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 09:44

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.: 182070 | Units: ug/Kg

Number TICs Found: 2 | TIC Result Total: 1010

CAS NO.	COMPOUND NAME	RT	RESULT	Q
54105-67-8	Heptadecane, 2,6-dimethyl-	7.99	570	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	8.44	440	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91003.D		
Lims ID:	460-62968-E-11-B	Client ID:	PMP-18SE-VD
Inject. Date:	19-Sep-2013 09:44:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004790-019		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	182070	Lims Sample ID:	19
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m		
Last Update:	20-Sep-2013 11:16:04	Calib Date:	18-Sep-2013 15:35:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90967.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:	19-Sep-2013 10:30:56

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.771	2.740	0.031	84	600176	74.4	
$ 6 Phenol-d5	99	3.685	3.692	-0.007	56	843138	87.7	
* 13 1,4-Dichlorobenzene-d4	152	4.014	4.023	-0.009	90	287634	40.0	
$ 25 Nitrobenzene-d5	82	4.574	4.588	-0.014	93	430590	27.5	
* 35 Naphthalene-d8	136	5.295	5.310	-0.015	97	1073389	40.0	
$ 48 2-Fluorobiphenyl	172	6.385	6.398	-0.013	96	713412	29.2	
* 61 Acenaphthene-d10	164	7.044	7.057	-0.013	91	691129	40.0	
$ 76 2,4,6-Tribromophenol	330	7.823	7.832	-0.009	91	489657	76.2	
* 83 Phenanthrene-d10	188	8.500	8.510	-0.010	97	1221951	40.0	
87 Di-n-butyl phthalate	149	9.080	9.094	-0.014	98	49278	1.23	
$ 91 Terphenyl-d14	244	10.060	10.069	-0.009	98	1330815	41.5	
* 96 Chrysene-d12	240	11.170	11.193	-0.023	97	1235288	40.0	
98 Bis(2-ethylhexyl) phthalate	149	11.209	11.232	-0.023	60	8386	0.3849	
* 103 Perylene-d12	264	12.994	13.017	-0.023	97	941362	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91003.D		
Lims ID:	460-62968-E-11-B	Client ID:	PMP-18SE-VD
Inject. Date:	19-Sep-2013 09:44:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004790-019		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	182070	Lims Sample ID:	19
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m		
Last Update:	20-Sep-2013 11:16:04	Calib Date:	18-Sep-2013 15:35:30
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: asfawa		Date:	19-Sep-2013 10:30:56

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
	54105-67-8	Heptadecane, 2,6-dimethyl-				
7.991	675186	8.03	83	95	99490	
	38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-				
8.439	528124	6.28	83	96	91793	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 83 Phenanthrene-d10	8.500	3362236	40.0

QC Flag Legend

Processing Flags

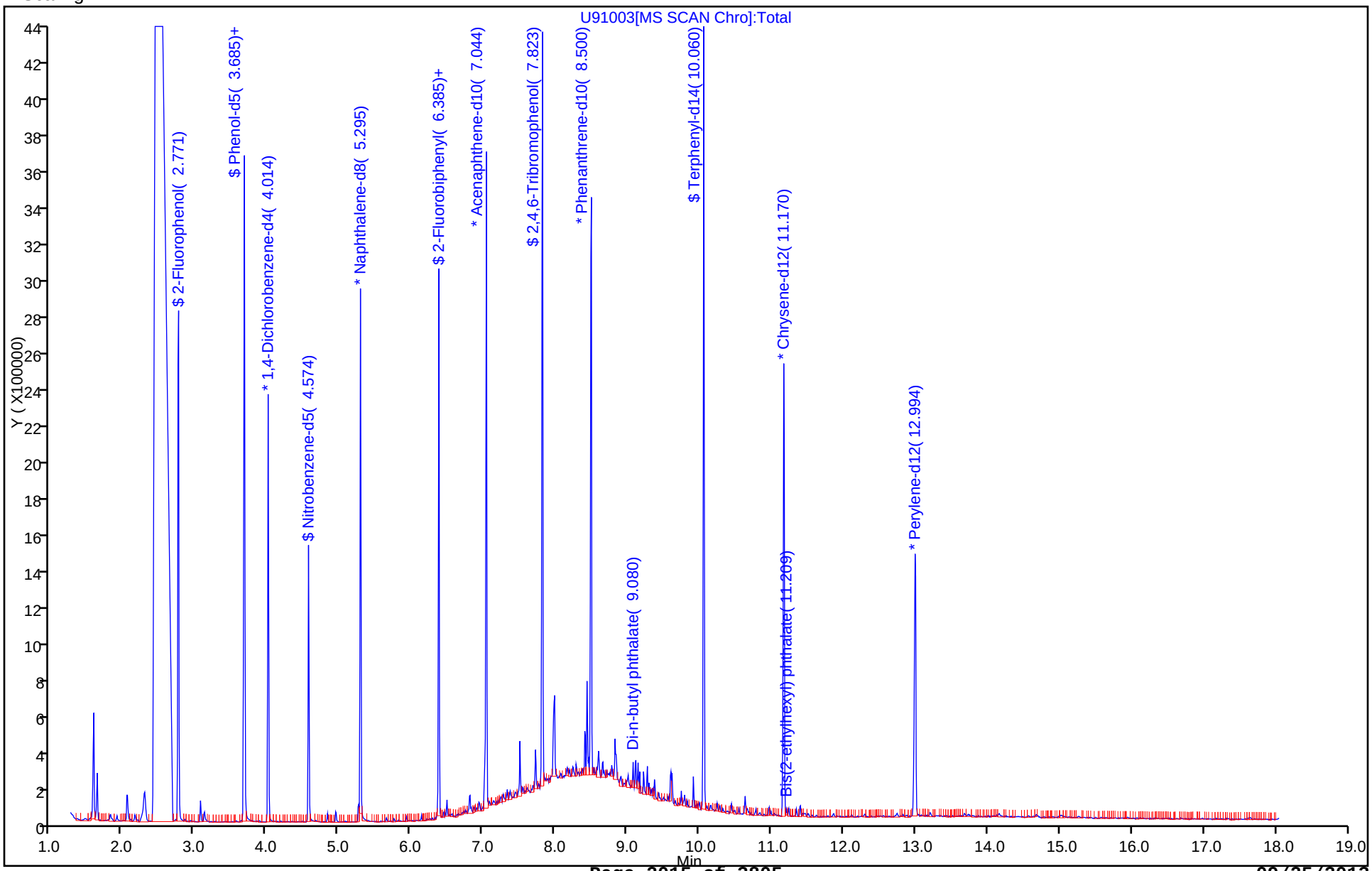
Report Date: 20-Sep-2013 11:18:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91003.D

Injection Date:	19-Sep-2013 09:44:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Y Scaling:



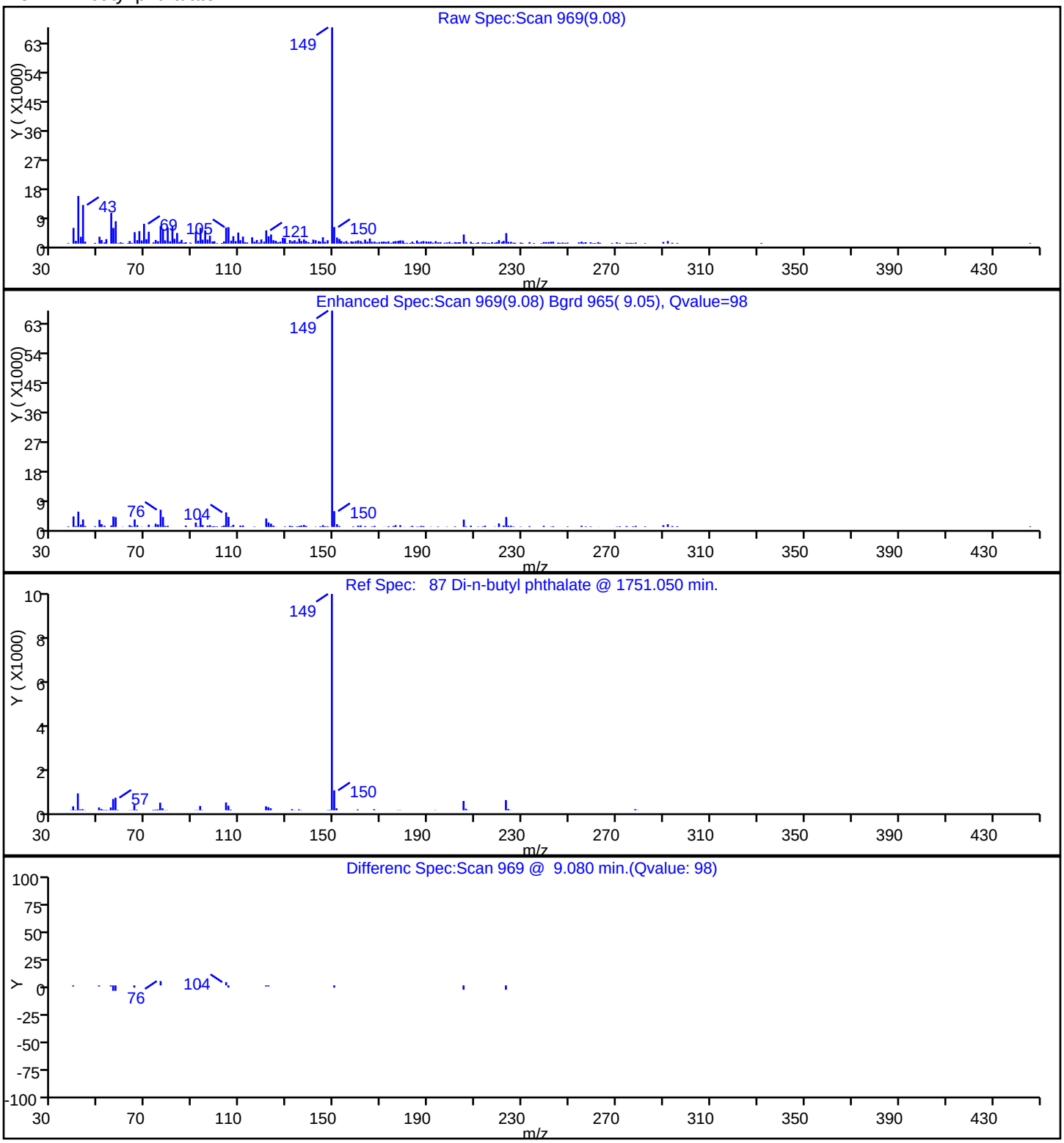
Report Date: 20-Sep-2013 11:18:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91003.D

Injection Date:	19-Sep-2013 09:44:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

87 Di-n-butyl phthalate



Report Date: 20-Sep-2013 11:18:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91003.D

Injection Date: 19-Sep-2013 09:44:30 Limit Group: SV 8270 ICAL

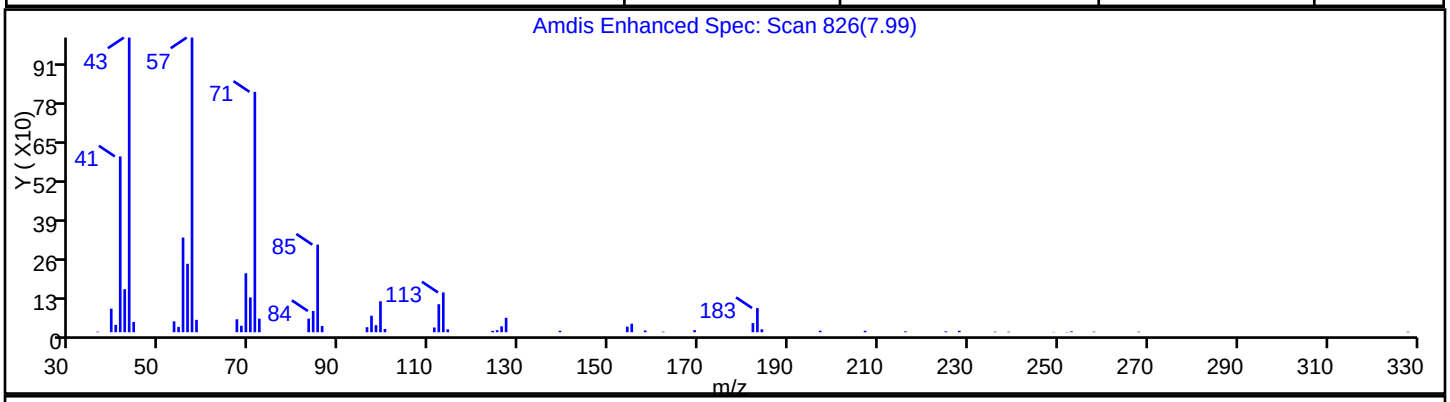
Client ID: PMP-18SE-VD Instrument ID: CBNAMS4

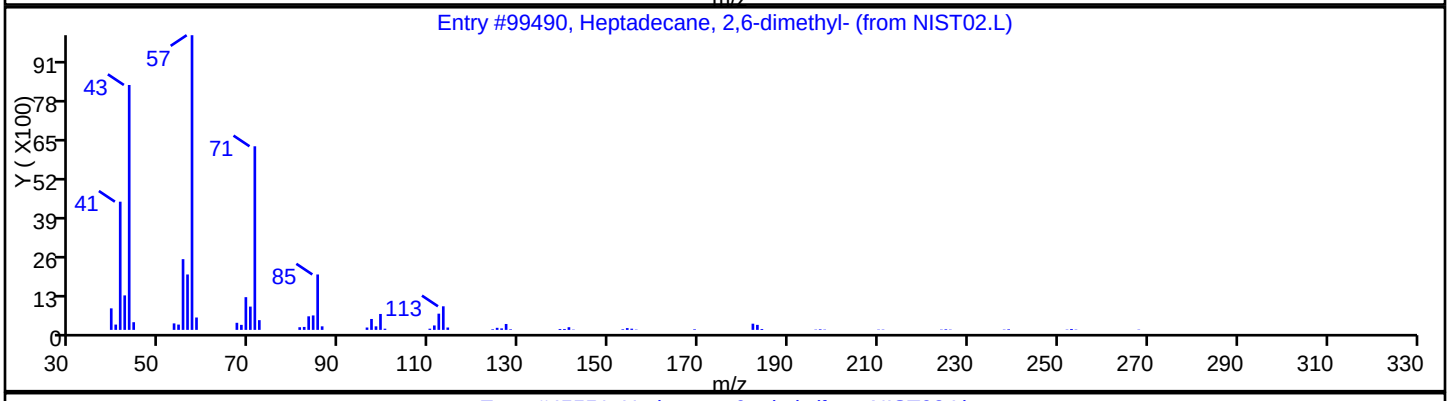
Lims Batch ID: 182070 Lims Sample ID: 19

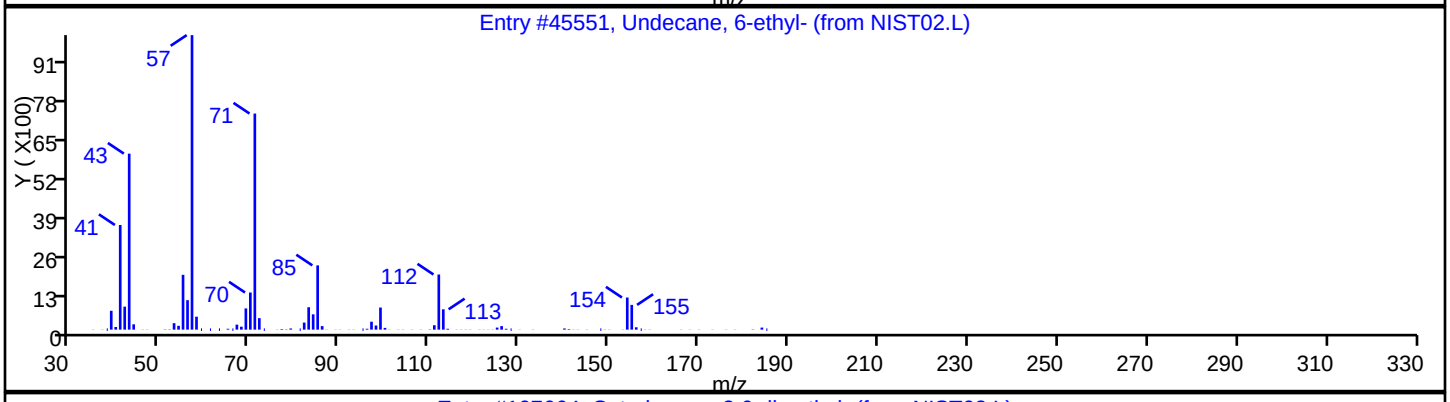
Operator ID: Injection Vol: 1.0 ul

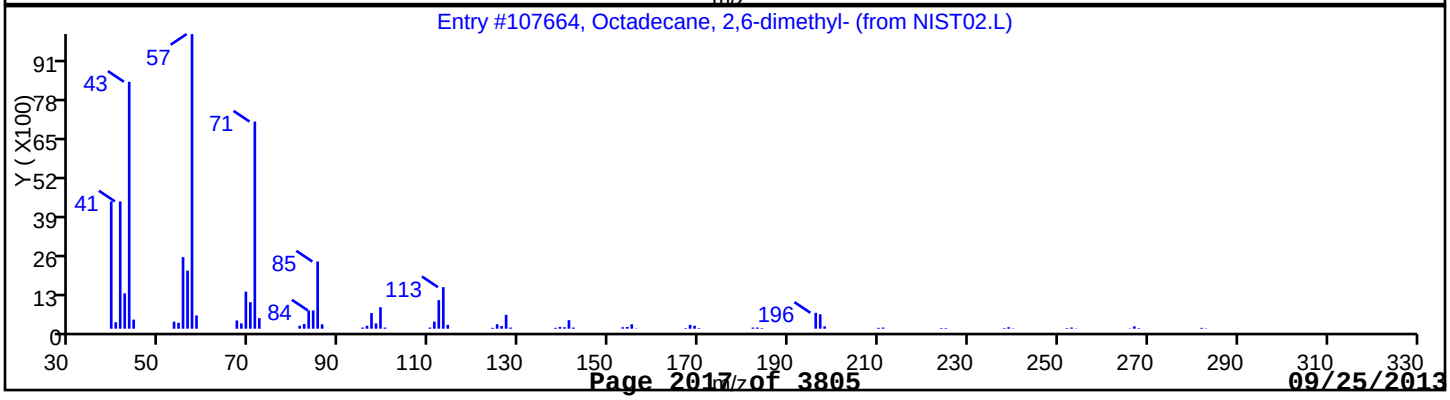
Column Type: Rtxi-5Sil MS Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	95
Undecane, 6-ethyl-	17312-60-6	NIST02.L	45551	90
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.L	107664	90









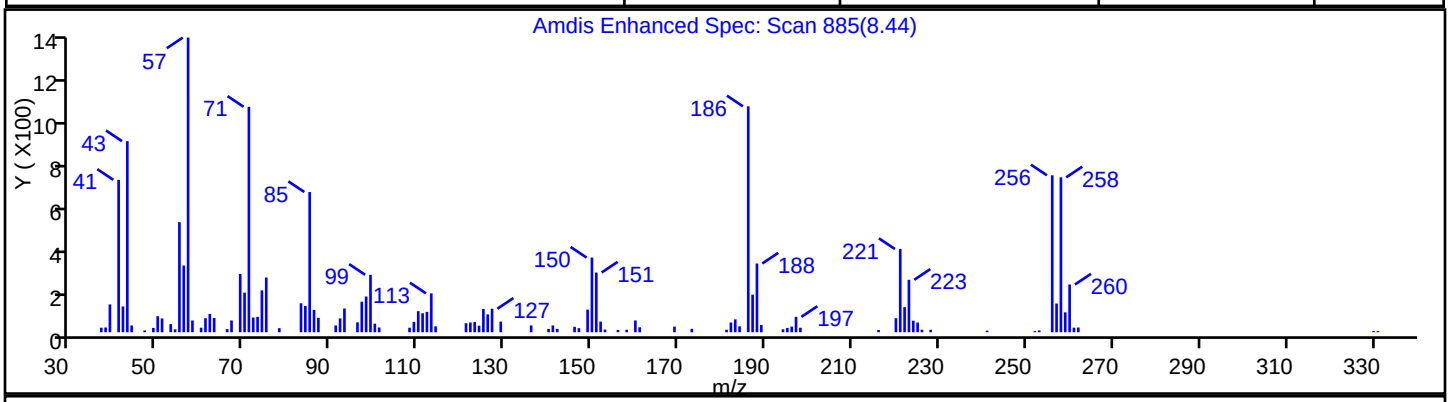
Report Date: 20-Sep-2013 11:18:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

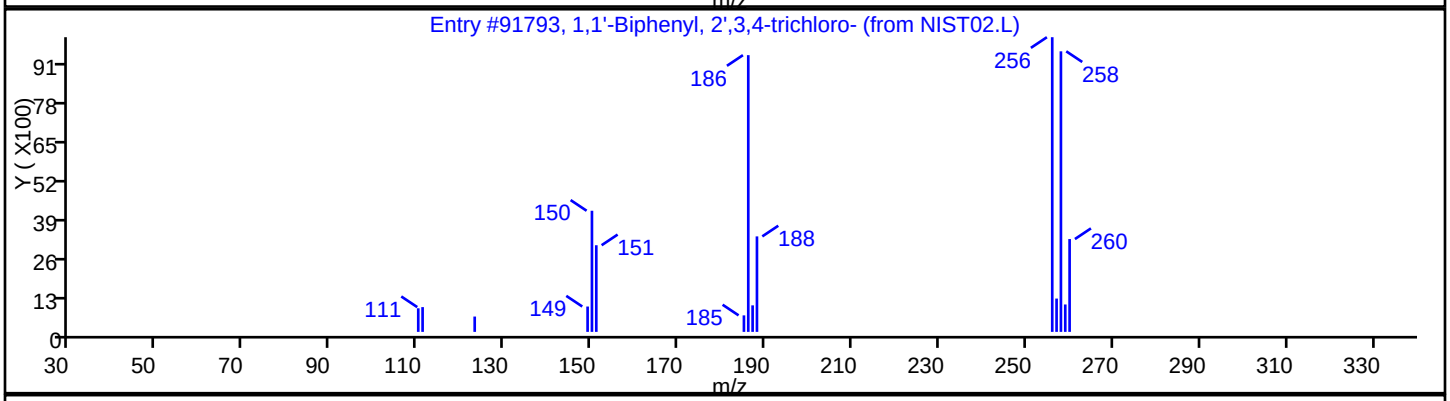
TestAmerica Edison

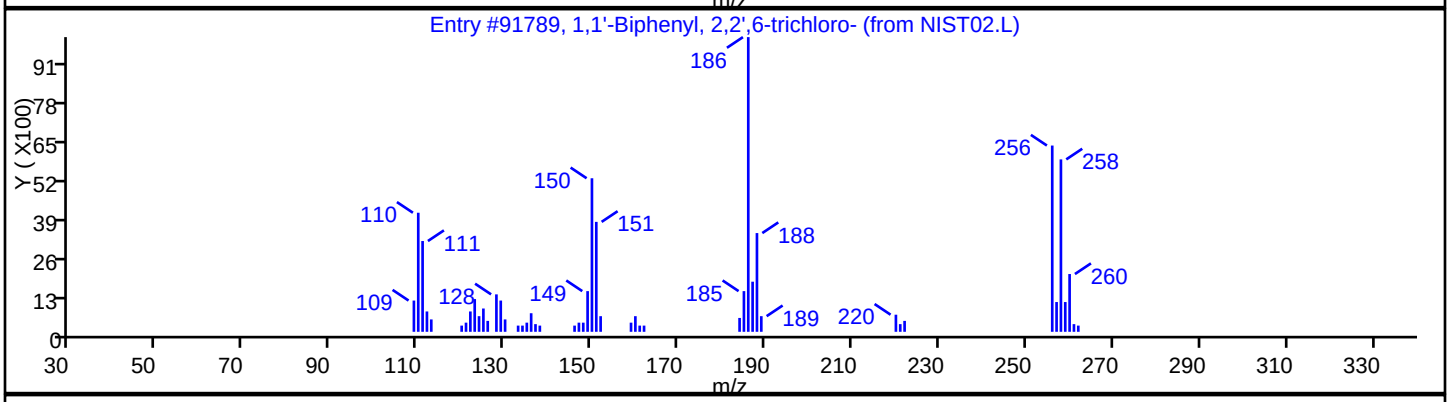
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91003.D

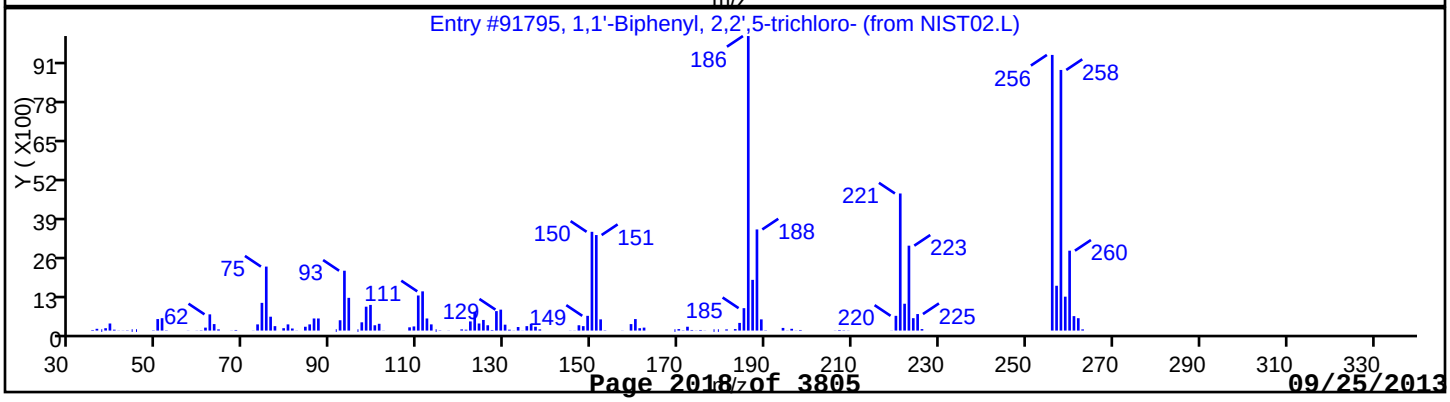
Injection Date:	19-Sep-2013 09:44:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-VD	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	96
1,1'-Biphenyl, 2,2',6-trichloro-	38444-73-4	NIST02.L	91789	93
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.L	91795	93









FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-WT | Lab Sample ID: 460-62968-12

Matrix: Solid | Lab File ID: U91004.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:30

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 10:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-WT | Lab Sample ID: 460-62968-12

Matrix: Solid | Lab File ID: U91004.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:30

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 10:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | 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	240	J	380	32
218-01-9	Chrysene	45	U	380	45
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.7	U	38	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	380	38
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	24	U	380	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.1	U	38	7.1
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
91-94-1	3,3'-Dichlorobenzidine	130	U	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-WT | Lab Sample ID: 460-62968-12

Matrix: Solid | Lab File ID: U91004.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:30

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 10:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	64		38-105
4165-62-2	Phenol-d5	82		41-118
1718-51-0	Terphenyl-d14	88		16-151
118-79-6	2,4,6-Tribromophenol	80		10-120
367-12-4	2-Fluorophenol	77		37-125
321-60-8	2-Fluorobiphenyl	64		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-WT | Lab Sample ID: 460-62968-12

Matrix: Solid | Lab File ID: U91004.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:30

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 10:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 87500

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1120-21-4	Undecane	6.84	5500	J N
2131-42-2	Naphthalene, 1,4,6-trimethyl-	7.27	2500	J N
829-26-5	Naphthalene, 2,3,6-trimethyl-	7.31	3400	J N
	Cycloalkane isomer	7.37	2900	J
	Trimethylnapthalene isomer	7.49	3700	J
54774-89-9	Naphthalene, 2-methyl-1-propyl-	7.64	4900	J N
55045-11-9	Tridecane, 5-propyl-	7.78	15000	J N
1000104-10-8	3-Methyl-4-(methoxycarbonyl)hexa-2,4-die	8.06	20000	J N
34303-81-6	3-Hexadecene, (Z)-	8.22	2800	J N
	Unknown	8.25	2500	J
529-05-5	Azulene, 7-ethyl-1,4-dimethyl-	8.31	2300	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.51	13000	J N
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	8.84	3200	J N
35693-92-6	1,1'-Biphenyl, 2,4,6-trichloro-	8.90	2900	J N
16587-52-3	Dibenzothiophene, 3-methyl-	8.96	2900	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91004.D		
Lims ID:	460-62968-E-12-B	Client ID:	PMP-18SE-WT
Inject. Date:	19-Sep-2013 10:08:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004790-020		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	182070	Lims Sample ID:	20
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m		
Last Update:	20-Sep-2013 11:16:04	Calib Date:	18-Sep-2013 15:35:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90967.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: croccom		Date:	19-Sep-2013 11:36:04

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.748	2.740	0.008	84	587640	76.8	
$ 6 Phenol-d5	99	3.678	3.692	-0.014	55	744192	81.7	
* 13 1,4-Dichlorobenzene-d4	152	4.016	4.023	-0.007	91	272760	40.0	
$ 25 Nitrobenzene-d5	82	4.578	4.588	-0.010	92	492211	31.9	
* 35 Naphthalene-d8	136	5.299	5.310	-0.011	98	1061005	40.0	
41 2-Methylnaphthalene	142	6.011	6.025	-0.014	72	8997	0.5547	
$ 48 2-Fluorobiphenyl	172	6.388	6.398	-0.010	96	845746	32.0	
* 61 Acenaphthene-d10	164	7.055	7.057	-0.003	91	748538	40.0	
$ 76 2,4,6-Tribromophenol	330	7.855	7.832	0.023	85	557099	80.1	
* 83 Phenanthrene-d10	188	8.544	8.510	0.034	96	1421608	40.0	
90 Pyrene	202	9.928	9.916	0.012	94	102761	3.16	
$ 91 Terphenyl-d14	244	10.082	10.069	0.013	98	1131092	44.1	
* 96 Chrysene-d12	240	11.182	11.193	-0.011	97	988515	40.0	
98 Bis(2-ethylhexyl) phthalate	149	11.213	11.232	-0.019	47	9976	0.5721	
* 103 Perylene-d12	264	12.997	13.017	-0.020	97	840005	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91004.D		
Lims ID:	460-62968-E-12-B	Client ID:	PMP-18SE-WT
Inject. Date:	19-Sep-2013 10:08:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004790-020		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	182070	Lims Sample ID:	20
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m		
Last Update:	20-Sep-2013 11:16:04	Calib Date:	18-Sep-2013 15:35:30
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:	19-Sep-2013 11:36:04

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
	1120-21-4 Undecane					
6.835	12401799	71.2	61	87	27120	
	2131-42-2 Naphthalene, 1,4,6-trimethyl-					
7.267	5595461	32.1	61	97	36210	
	829-26-5 Naphthalene, 2,3,6-trimethyl-					
7.305	7627453	43.8	61	98	36216	
	Cycloalkane isomer					
7.366	6498479	37.3	61	0	0	
	Trimethylnapthalene isomer					
7.489	8279192	47.5	61	0	0	
	54774-89-9 Naphthalene, 2-methyl-1-propyl-					
7.641	11103726	63.7	61	87	45641	
	55045-11-9 Tridecane, 5-propyl-					
7.778	34940484	200.5	61	93	73971	
	1000104-10-8 3-Methyl-4-(methoxycarbonyl)hexa-2,4-die					
8.062	58622083	260.7	83	91	45954	
	34303-81-6 3-Hexadecene, (Z)-					
8.215	8238059	36.6	83	93	72493	
	Unknown					
8.245	7380878	32.8	83	0	0	
	529-05-5 Azulene, 7-ethyl-1,4-dimethyl-					
8.306	6637826	29.5	83	87	45639	
	638-36-8 Hexadecane, 2,6,10,14-tetramethyl-					
8.505	36656496	163.0	83	96	107670	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
	54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-				
8.835	9328695	41.5	83	90	115581	
	35693-92-6	1,1'-Biphenyl, 2,4,6-trichloro-				
8.896	8559362	38.1	83	93	91785	
	16587-52-3	Dibenzothiophene, 3-methyl-				
8.958	8333579	37.1	83	90	54877	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.055	6972073	40.0
* 83 Phenanthrene-d10	8.544	8995991	40.0

QC Flag Legend

Processing Flags

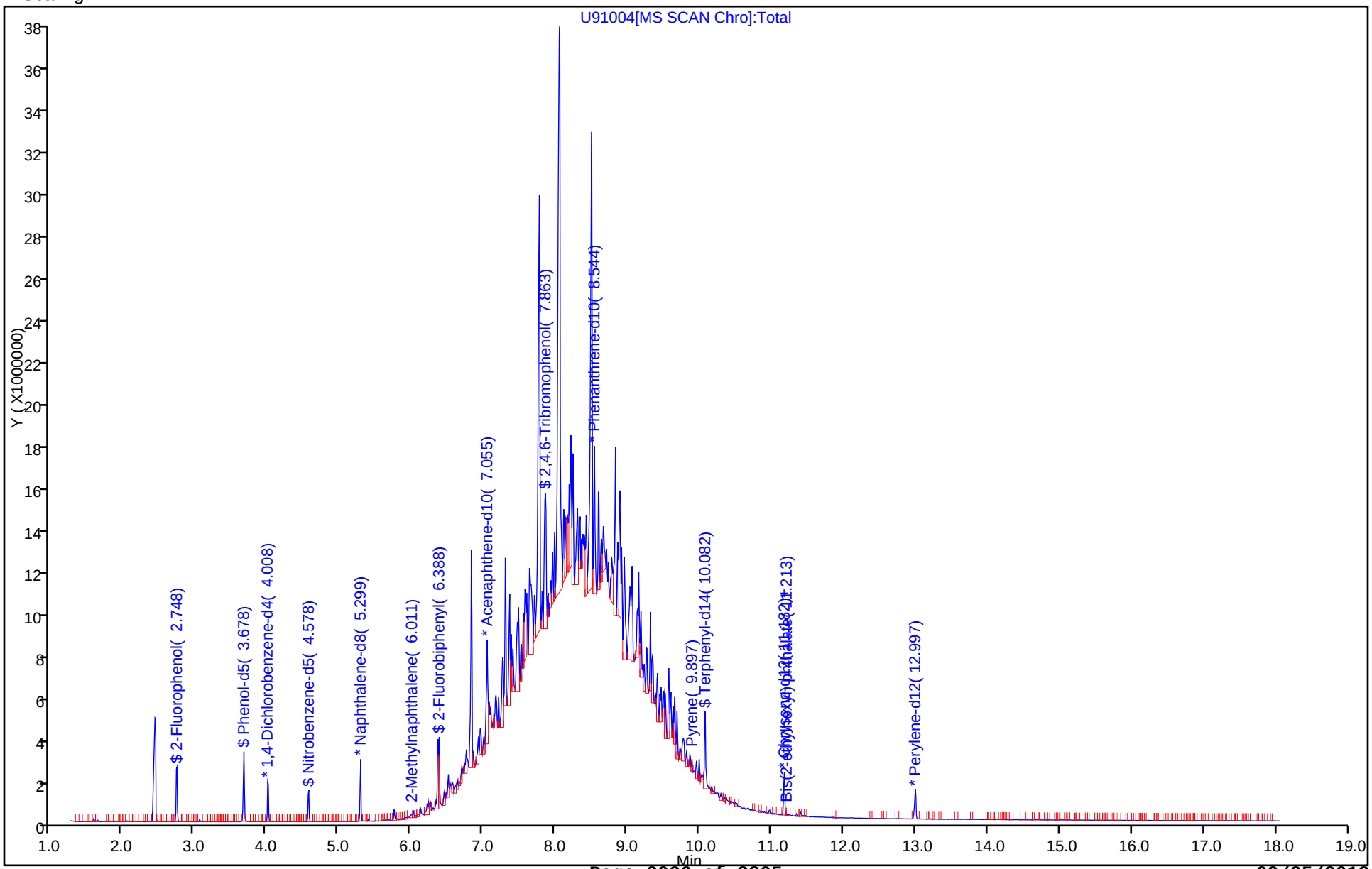
Report Date: 20-Sep-2013 11:18:52 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91004.D

Injection Date:	19-Sep-2013 10:08:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Y Scaling:

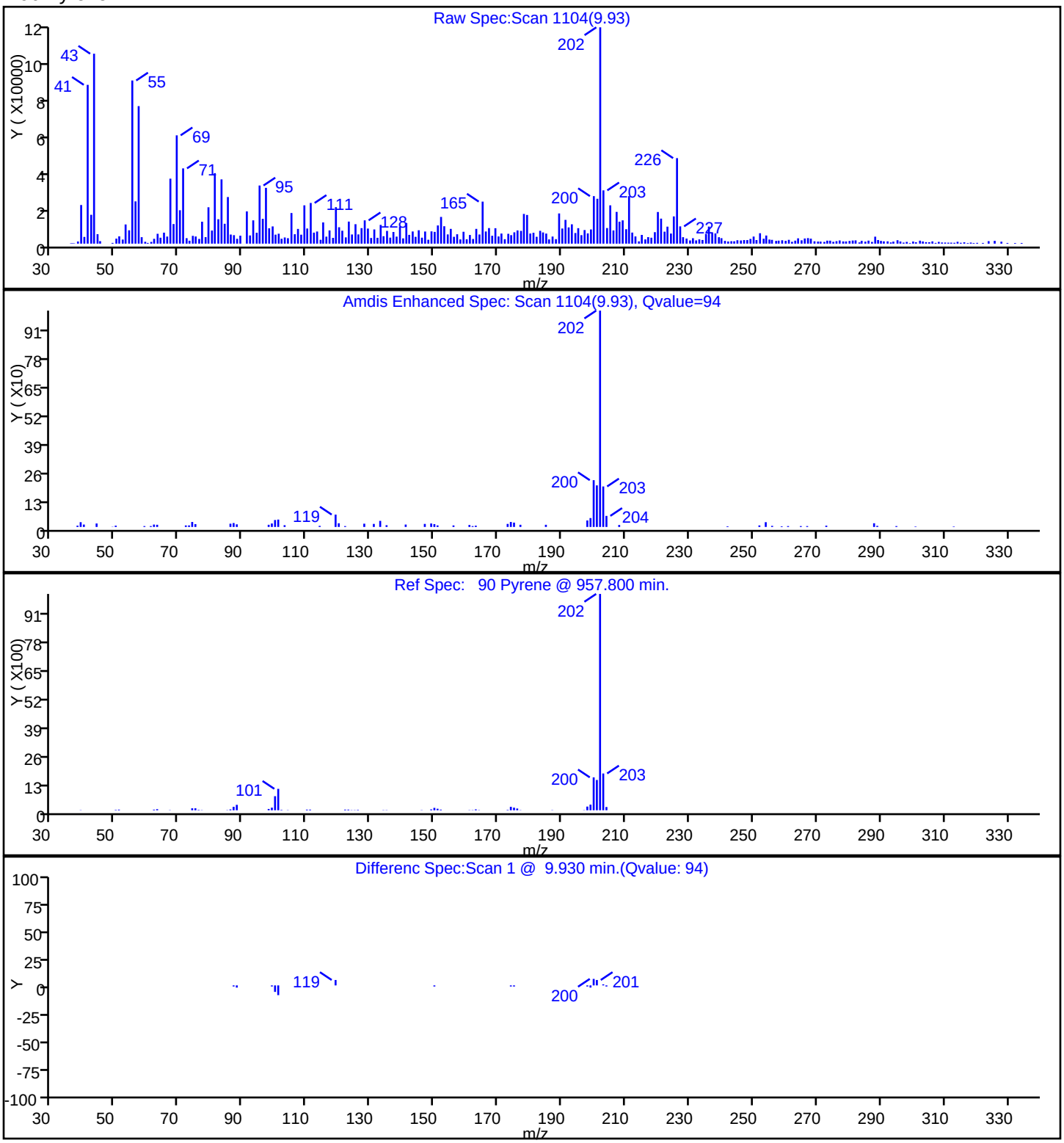


Report Date: 20-Sep-2013 11:18:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91004.D		
Injection Date:	19-Sep-2013 10:08:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

90 Pyrene



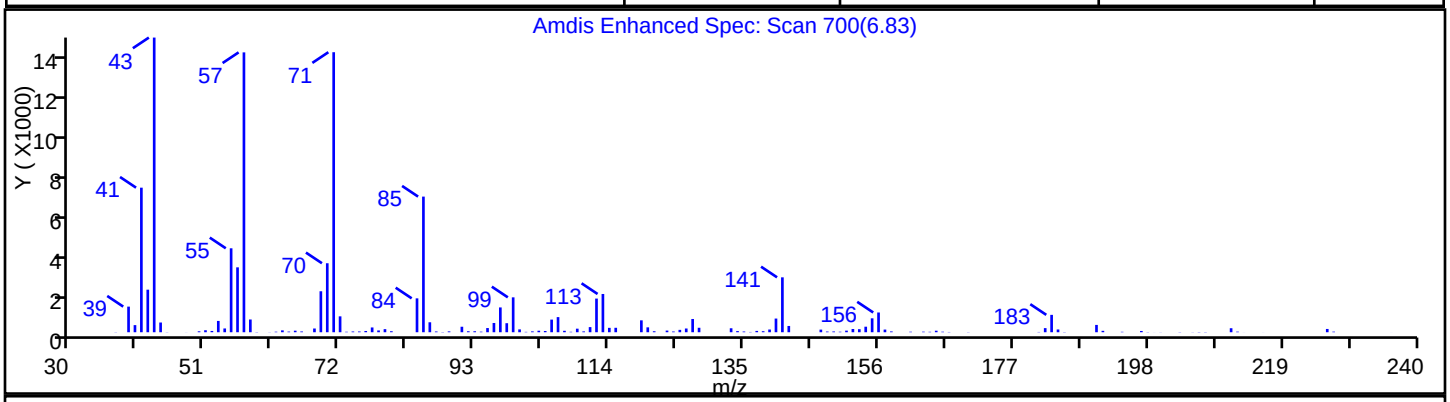
Report Date: 20-Sep-2013 11:18:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

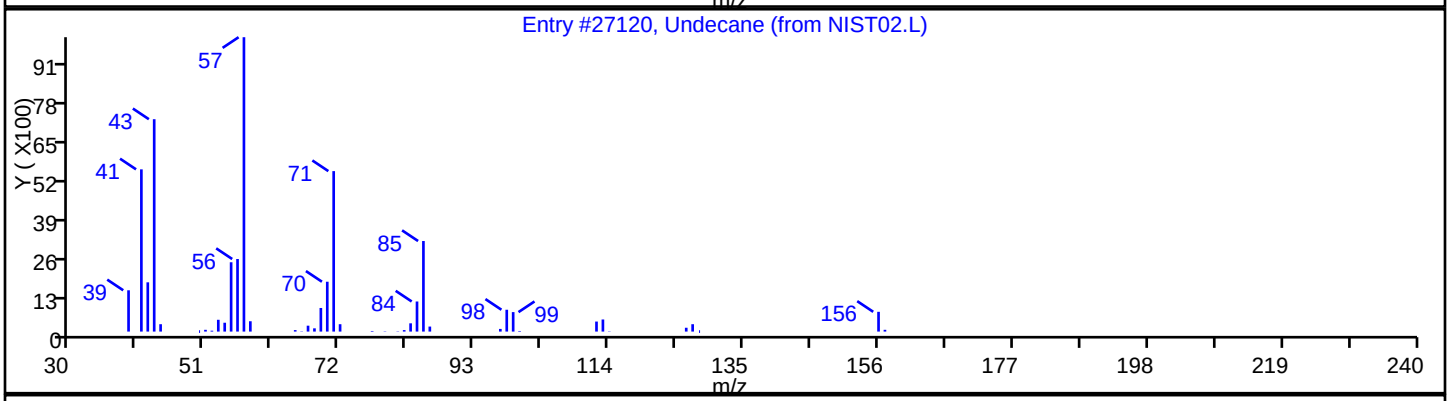
TestAmerica Edison

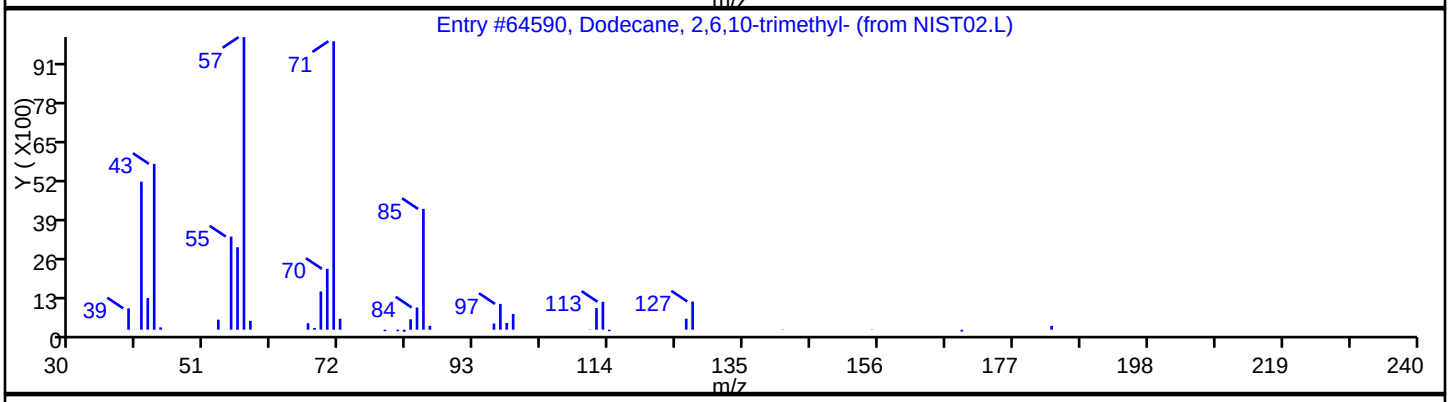
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91004.D

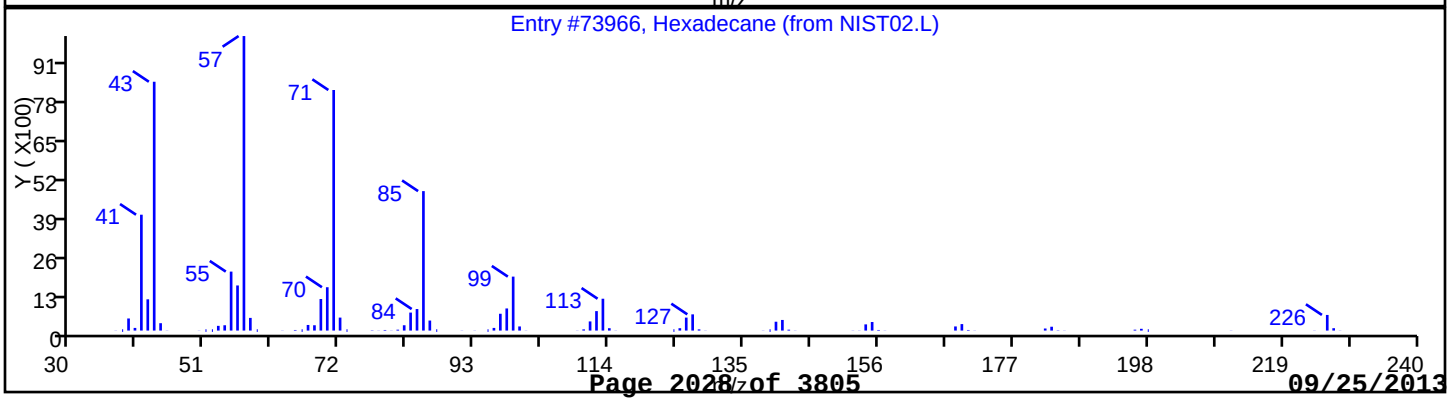
Injection Date:	19-Sep-2013 10:08:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Undecane	1120-21-4	NIST02.L	27120	87
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	86
Hexadecane	544-76-3	NIST02.L	73966	83









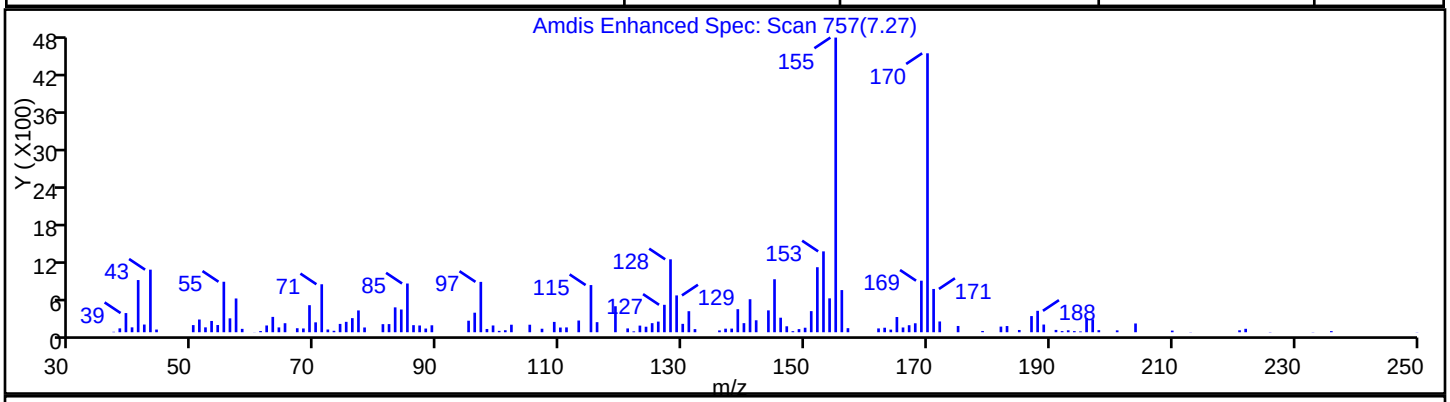
Report Date: 20-Sep-2013 11:18:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

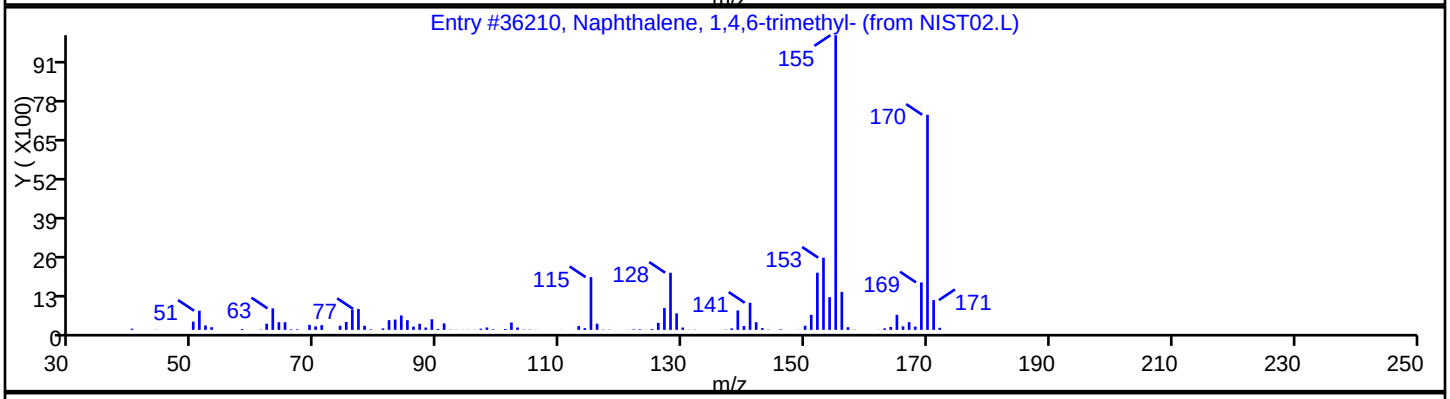
TestAmerica Edison

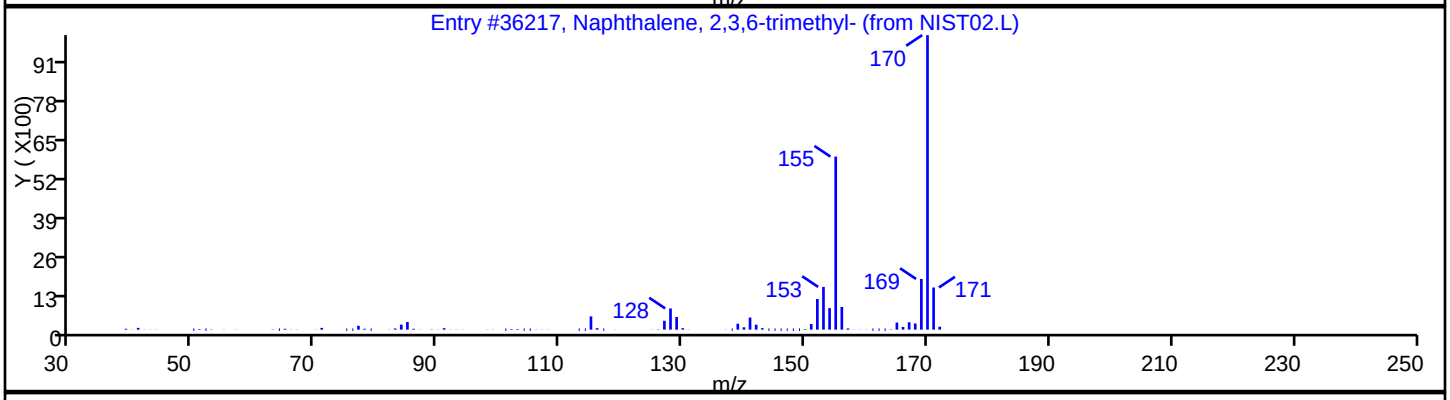
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91004.D

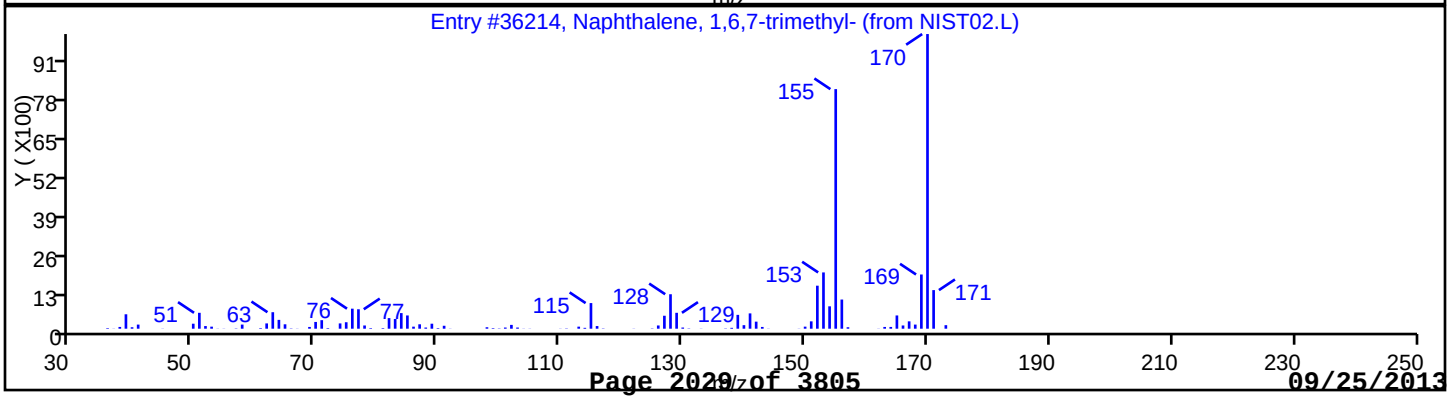
Injection Date:	19-Sep-2013 10:08:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.L	36210	97
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36217	97
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36214	96









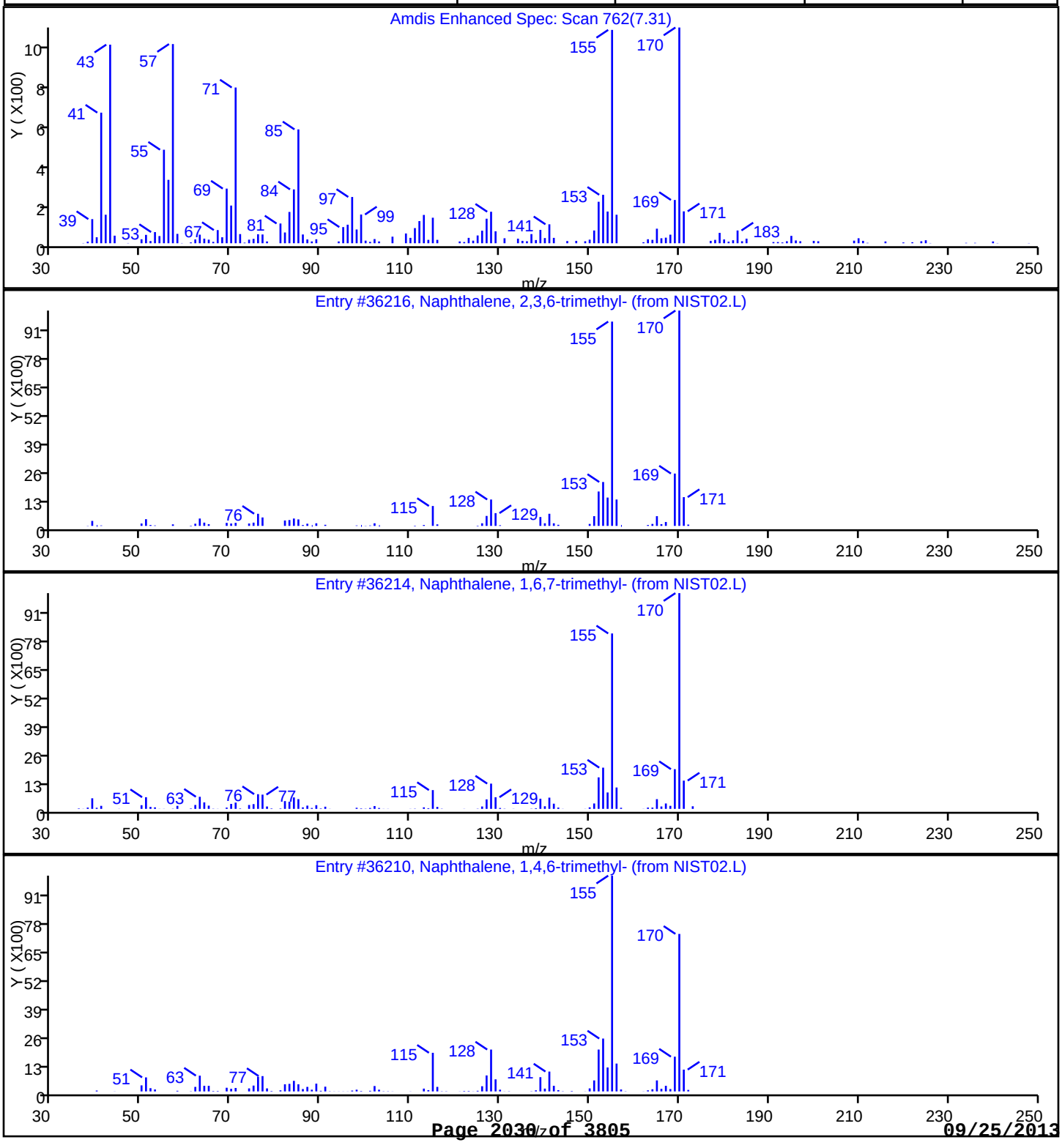
Report Date: 20-Sep-2013 11:18:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91004.D

Injection Date:	19-Sep-2013 10:08:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36216	98
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36214	96
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.L	36210	93



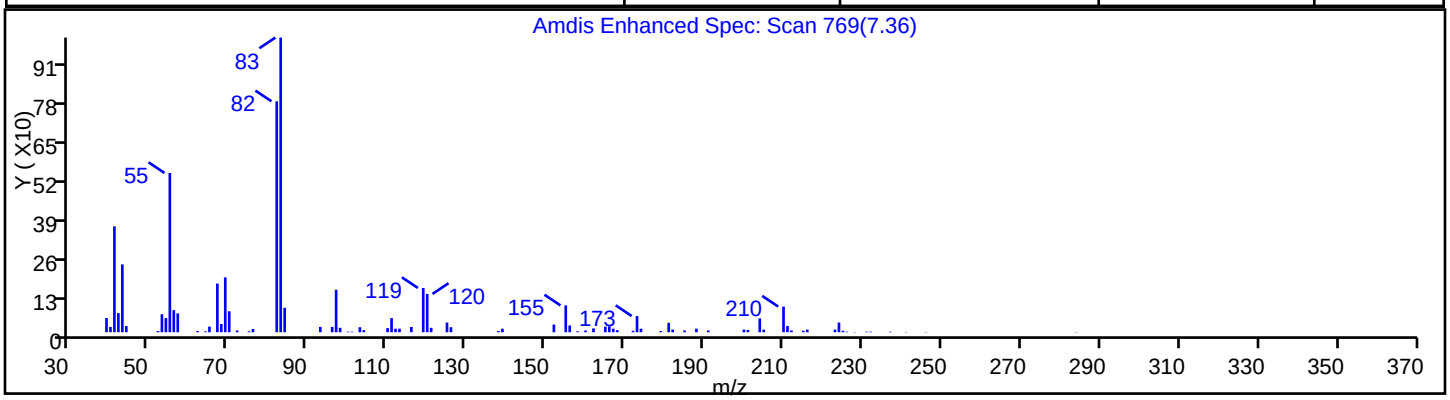
Report Date: 20-Sep-2013 11:18:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

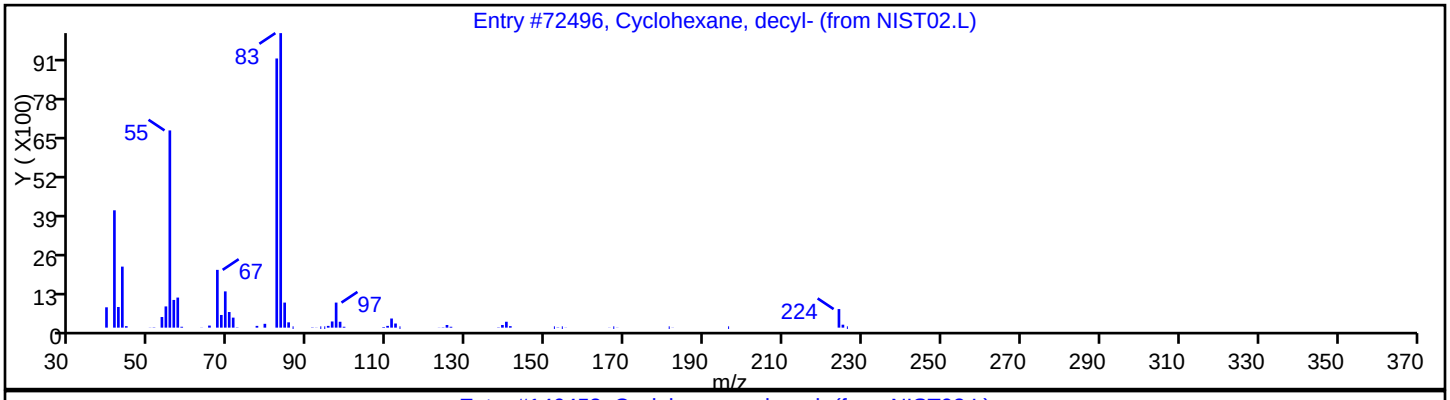
TestAmerica Edison

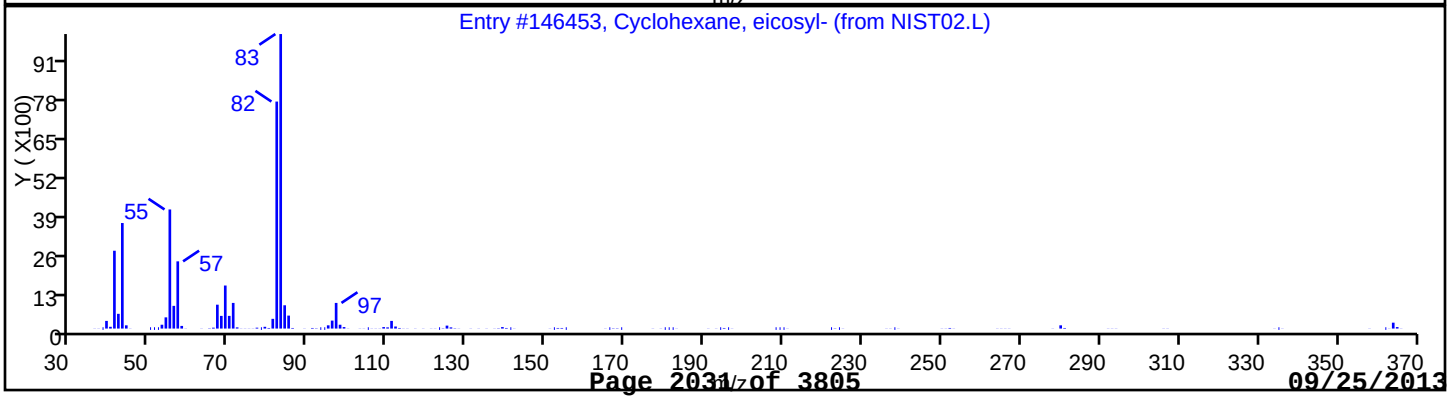
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91004.D

Injection Date:	19-Sep-2013 10:08:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Cycloalkane isomer		NIST02.L	0	0
Cyclohexane, decyl-	1795-16-0	NIST02.L	72496	76
Cyclohexane, eicosyl-	4443-55-4	NIST02.L	146453	72







Report Date: 20-Sep-2013 11:18:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91004.D

Injection Date: 19-Sep-2013 10:08:30 Limit Group: SV 8270 ICAL

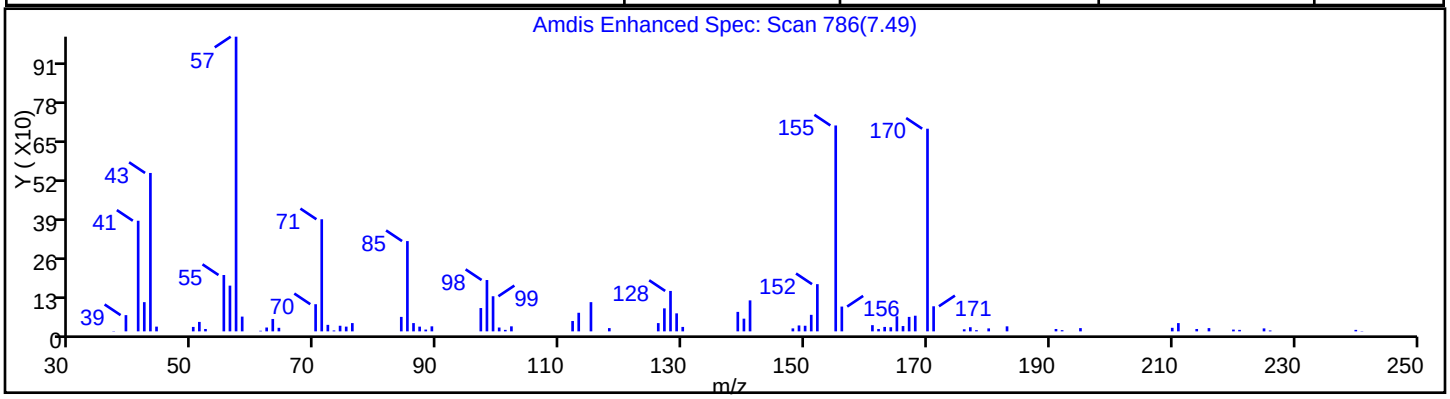
Client ID: PMP-18SE-WT Instrument ID: CBNAMS4

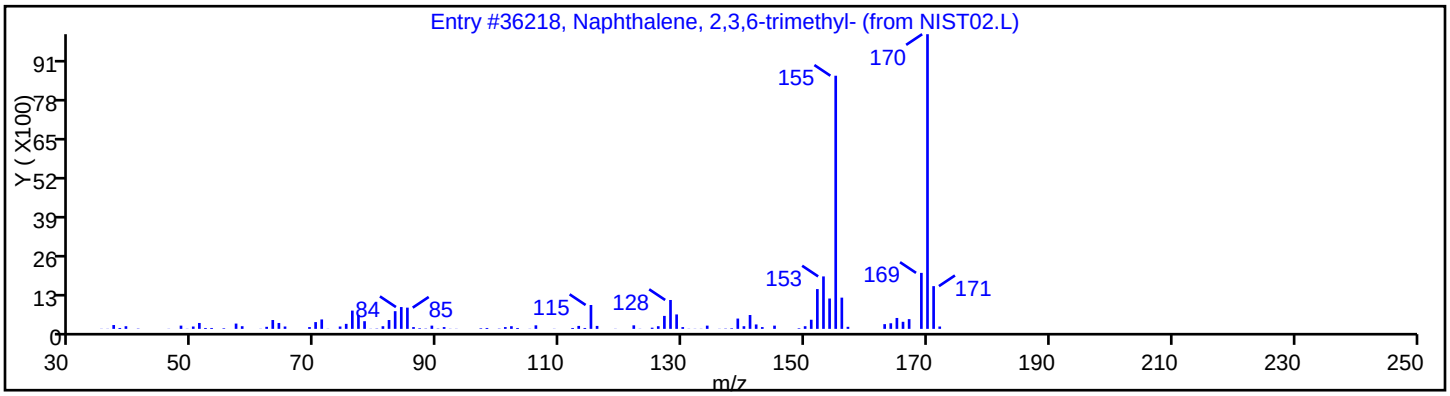
Lims Batch ID: 182070 Lims Sample ID: 20

Operator ID: Injection Vol: 1.0 ul

Column Type: Rtxi-5Sil MS Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Trimethylnapthalene isomer		NIST02.L	0	0
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36218	76





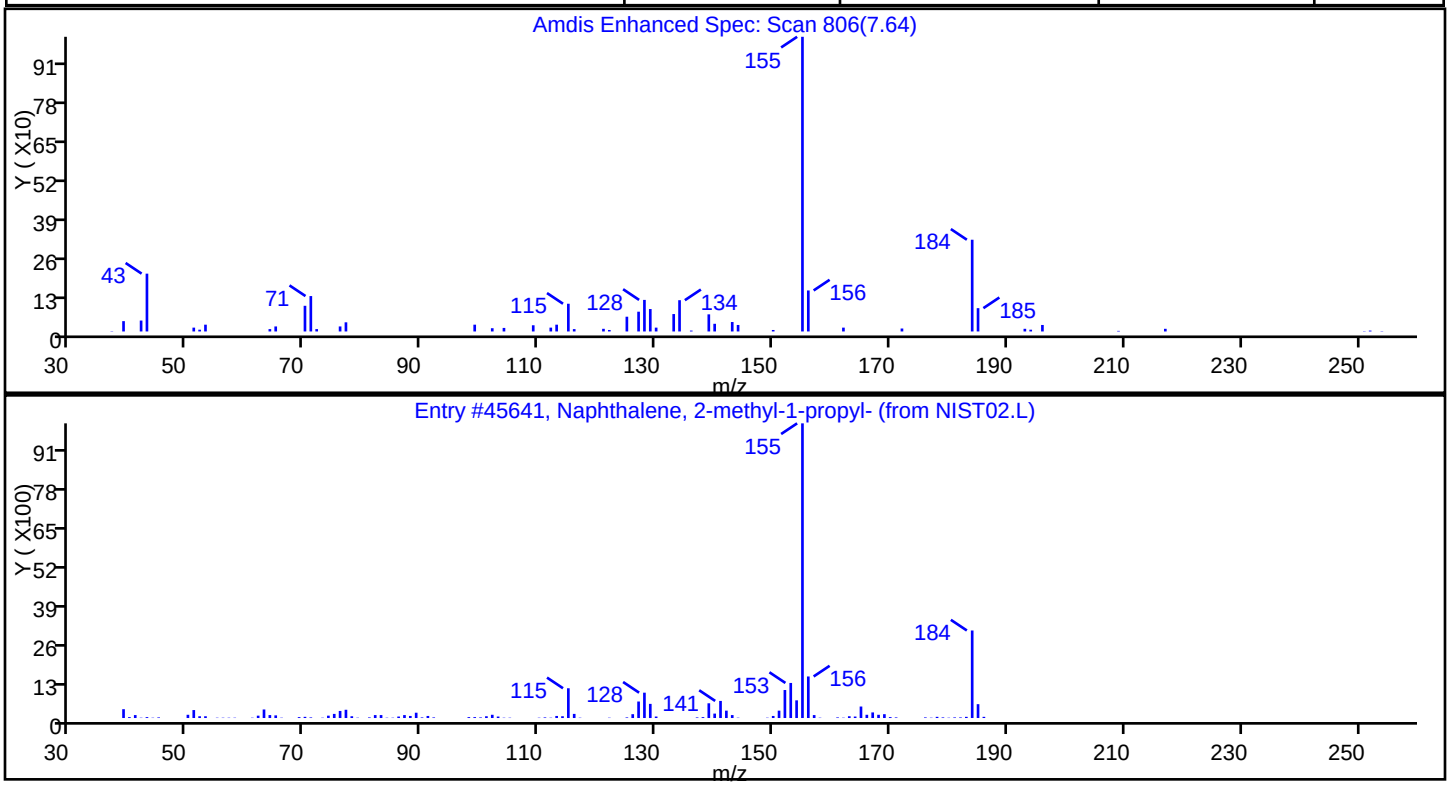
Report Date: 20-Sep-2013 11:18:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91004.D

Injection Date:	19-Sep-2013 10:08:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Naphthalene, 2-methyl-1-propyl-	54774-89-9	NIST02.L	45641	87



Report Date: 20-Sep-2013 11:18:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91004.D

Injection Date: 19-Sep-2013 10:08:30 Limit Group: SV 8270 ICAL

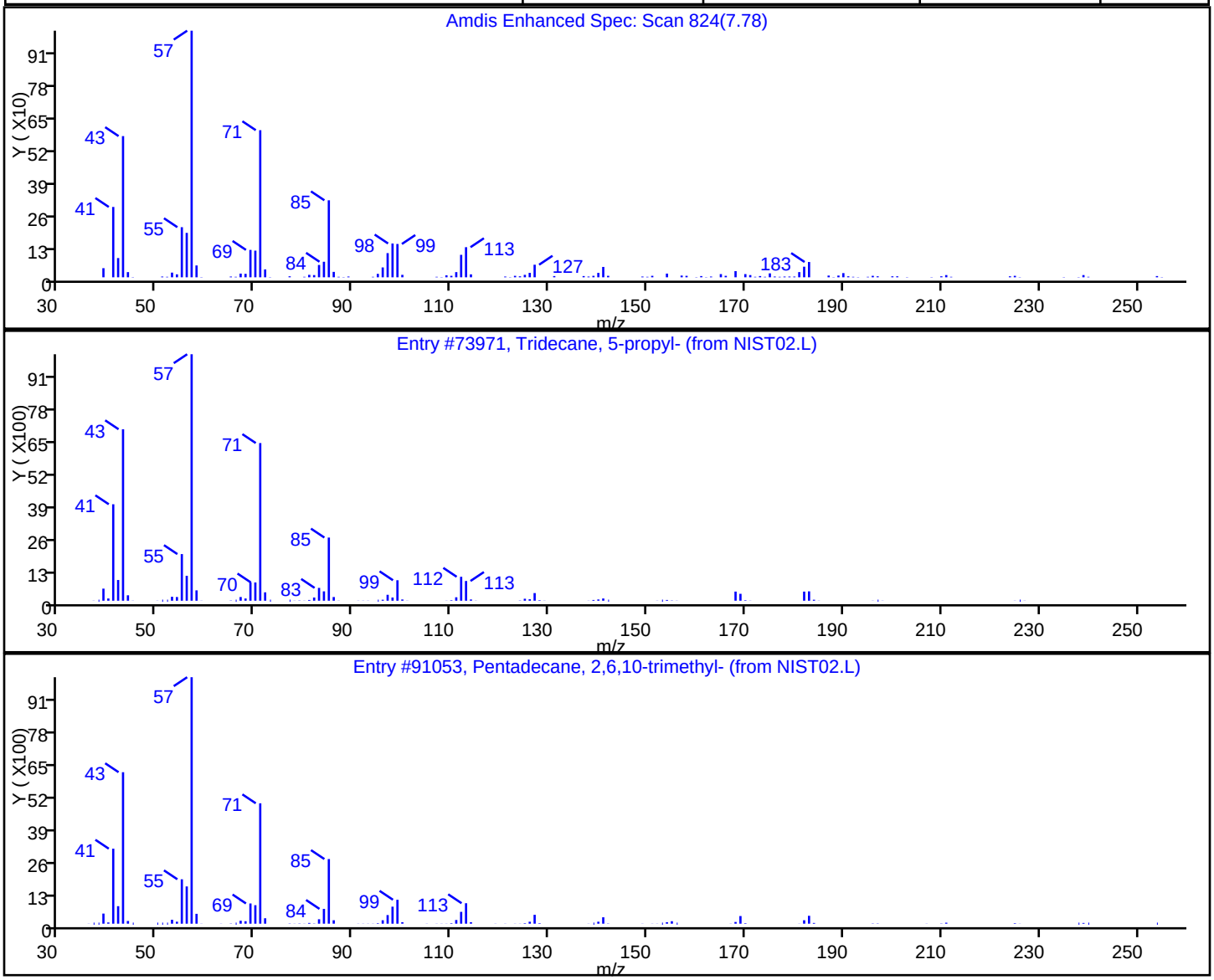
Client ID: PMP-18SE-WT Instrument ID: CBNAMS4

Lims Batch ID: 182070 Lims Sample ID: 20

Operator ID: Injection Vol: 1.0 ul

Column Type: Rtxi-5Sil MS Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tridecane, 5-propyl-	55045-11-9	NIST02.L	73971	93
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	90



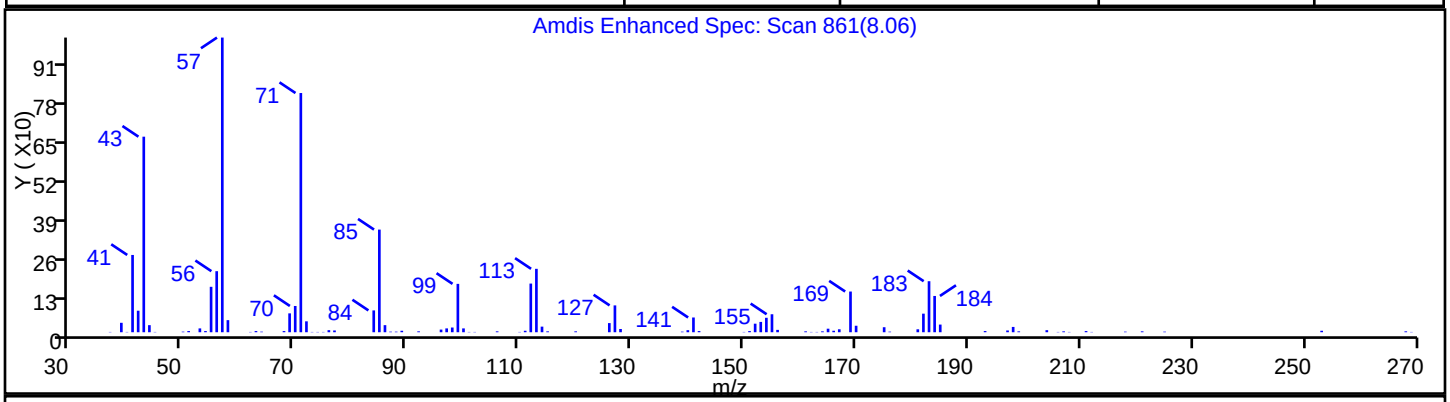
Report Date: 20-Sep-2013 11:18:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

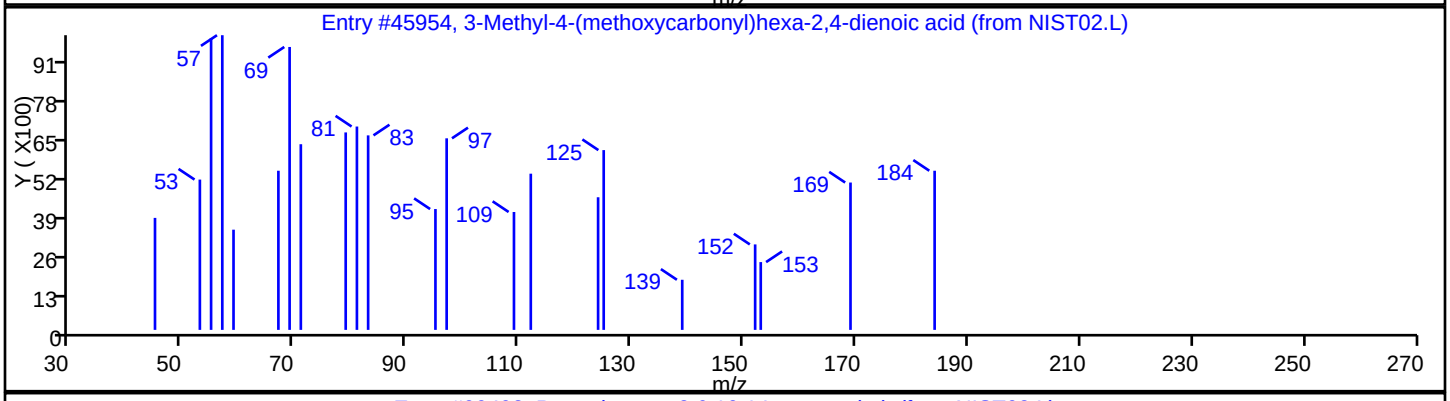
TestAmerica Edison

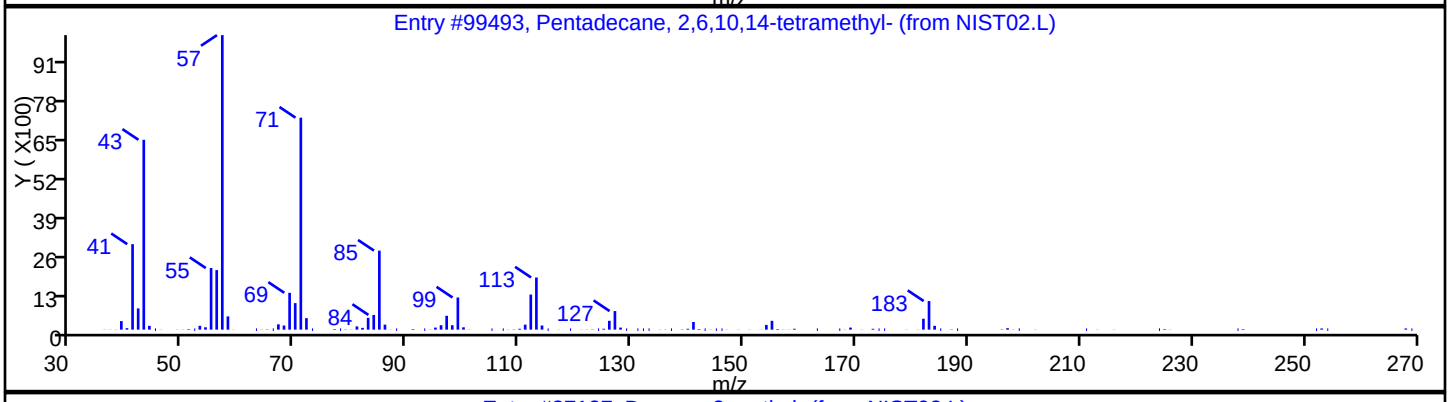
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91004.D

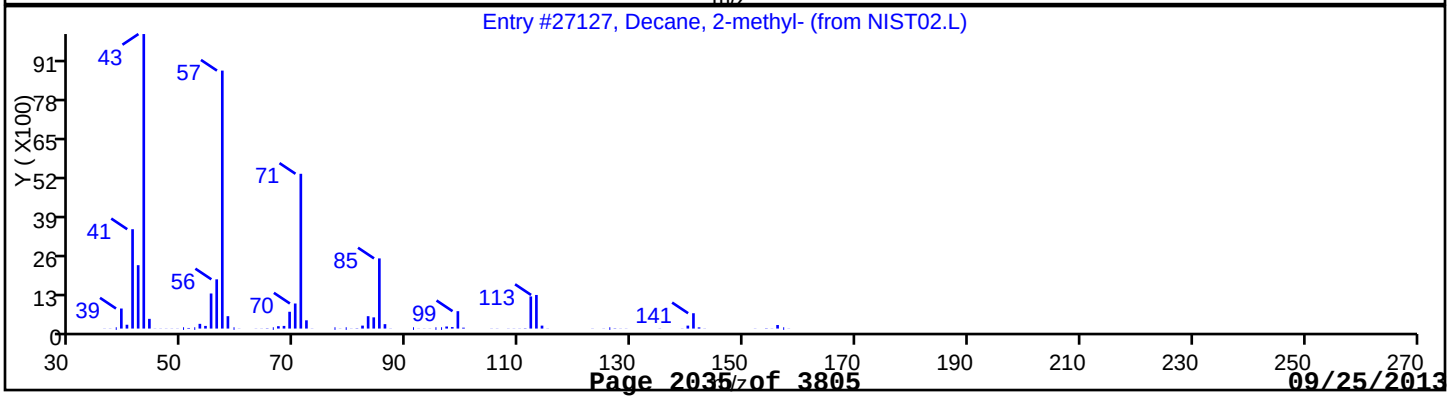
Injection Date:	19-Sep-2013 10:08:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
3-Methyl-4-(methoxycarbonyl)hexa-2,4-die	1000104-10-8	NIST02.L	45954	91
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	86
Decane, 2-methyl-	6975-98-0	NIST02.L	27127	81









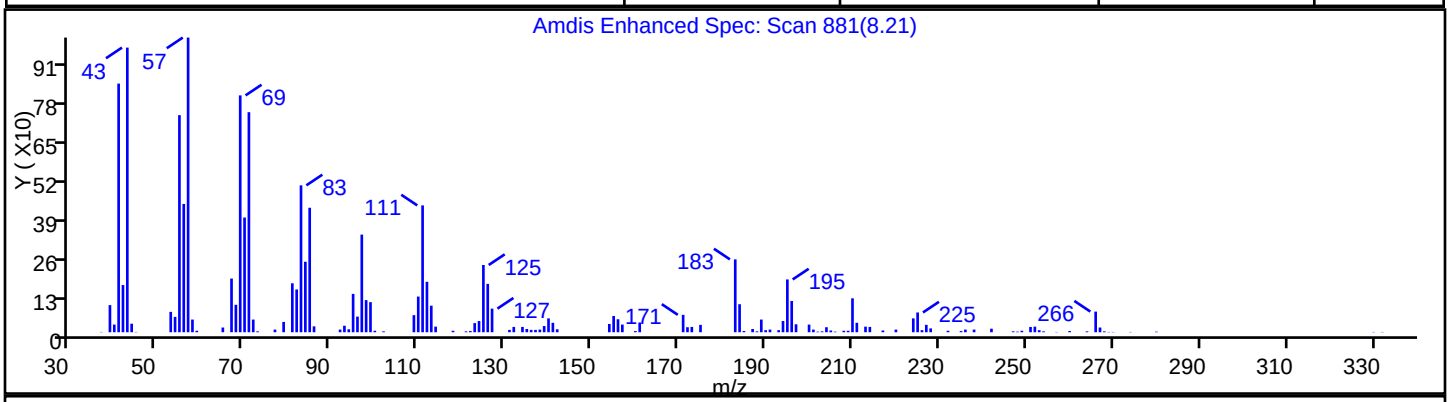
Report Date: 20-Sep-2013 11:18:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

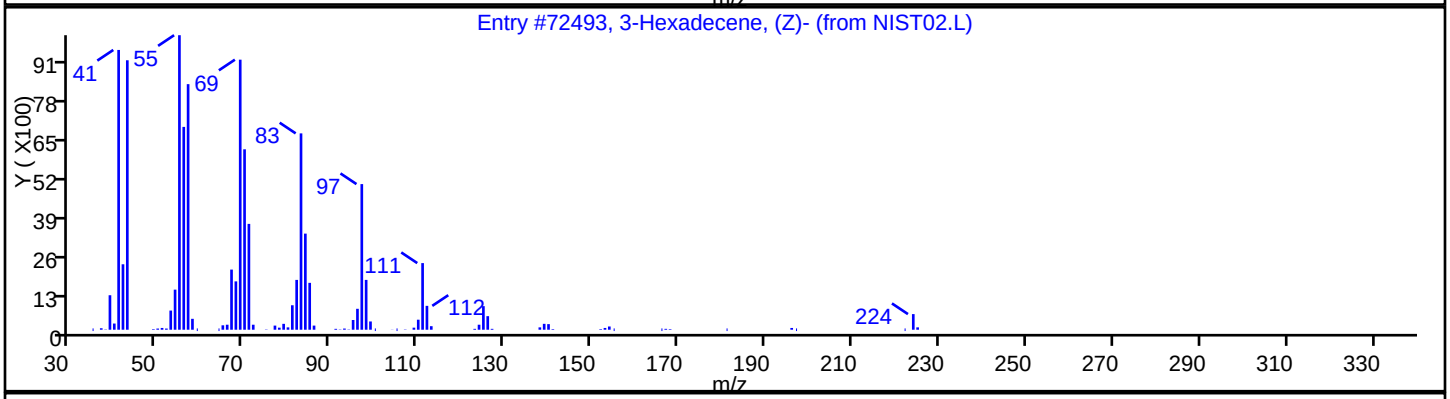
TestAmerica Edison

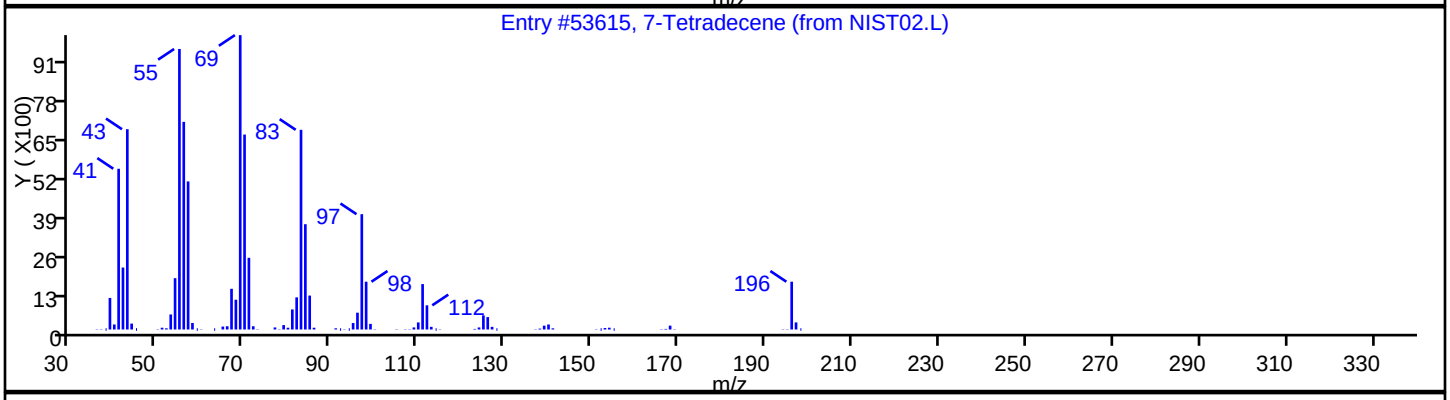
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91004.D

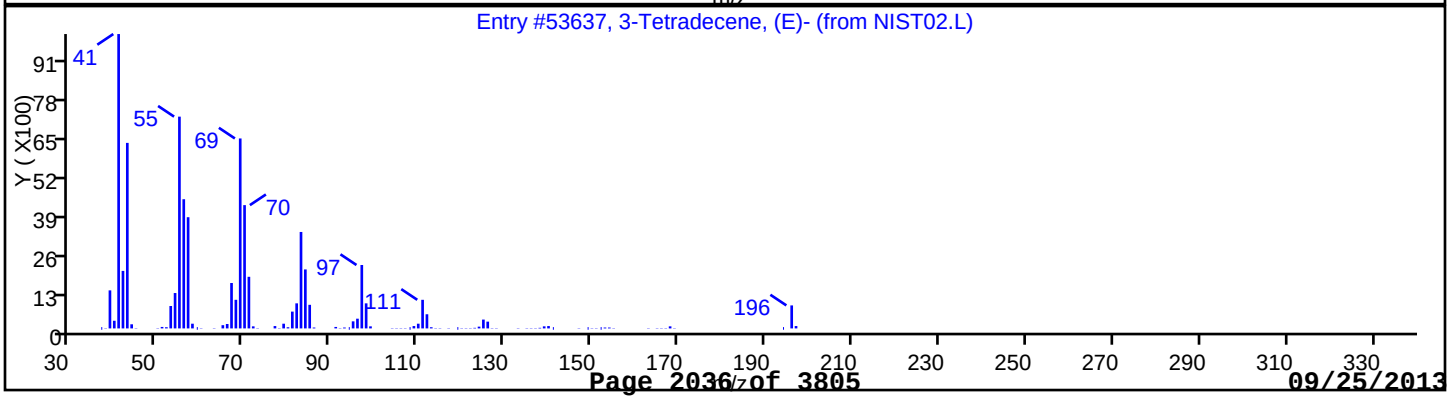
Injection Date:	19-Sep-2013 10:08:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
3-Hexadecene, (Z)-	34303-81-6	NIST02.L	72493	93
7-Tetradecene	10374-74-0	NIST02.L	53615	93
3-Tetradecene, (E)-	41446-68-8	NIST02.L	53637	83









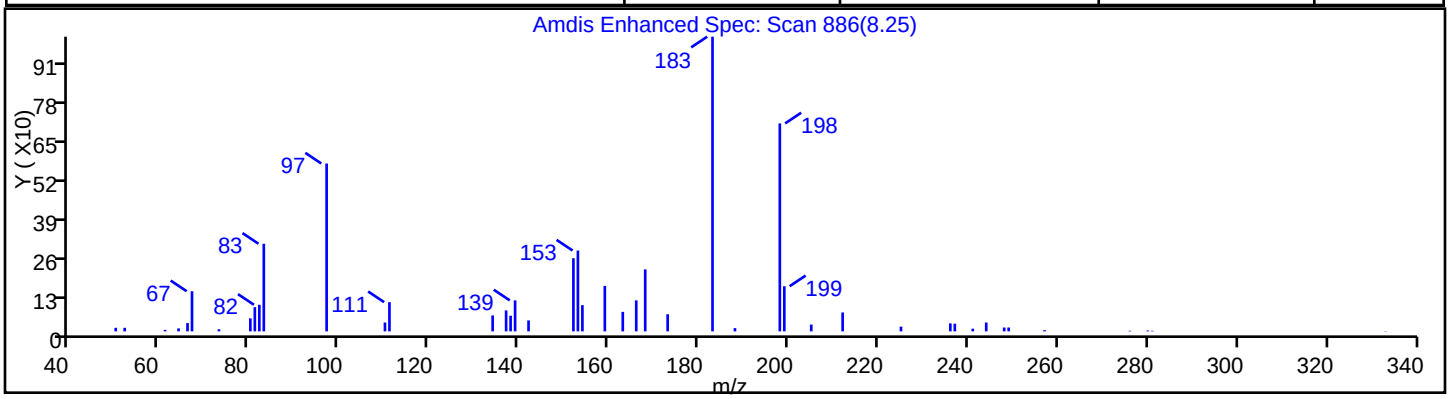
Report Date: 20-Sep-2013 11:18:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

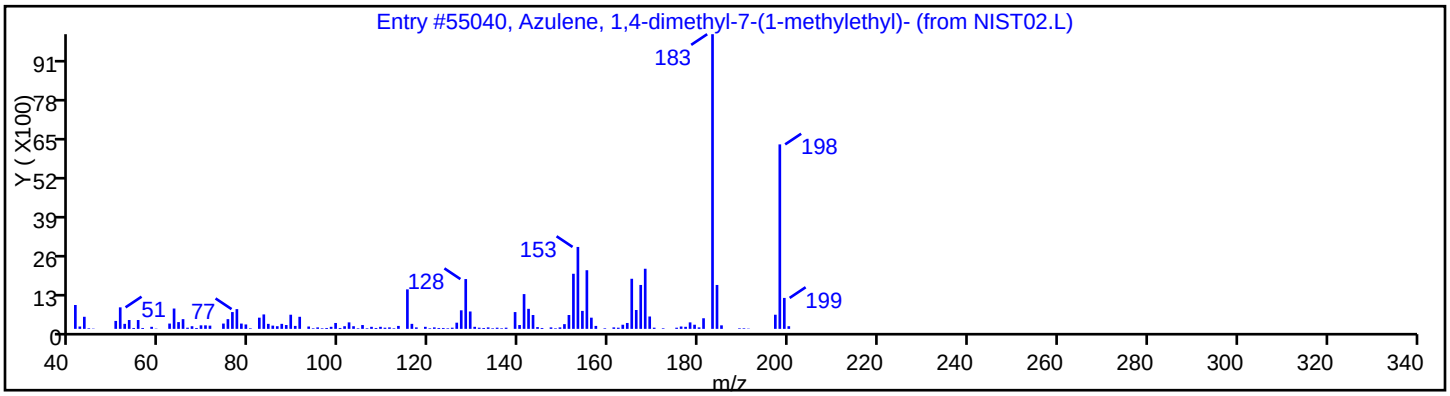
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91004.D

Injection Date:	19-Sep-2013 10:08:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown		NIST02.L	0	0
Azulene, 1,4-dimethyl-7-(1-methylethyl)-	489-84-9	NIST02.L	55040	76





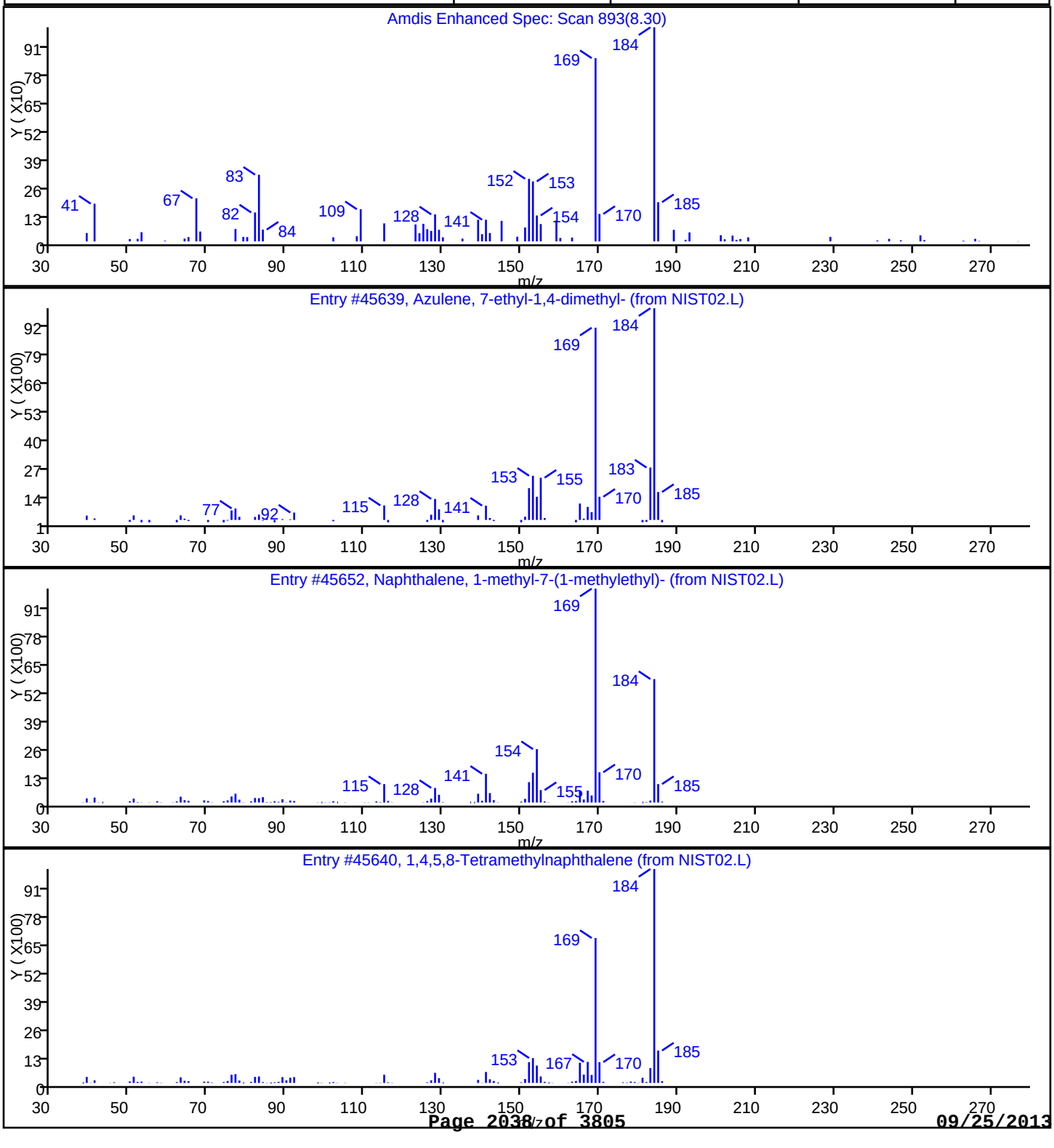
Report Date: 20-Sep-2013 11:18:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91004.D

Injection Date:	19-Sep-2013 10:08:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Azulene, 7-ethyl-1,4-dimethyl-	529-05-5	NIST02.L	45639	87
Naphthalene, 1-methyl-7-(1-methylethyl)-	490-65-3	NIST02.L	45652	81
1,4,5,8-Tetramethylnaphthalene	2717-39-7	NIST02.L	45640	80



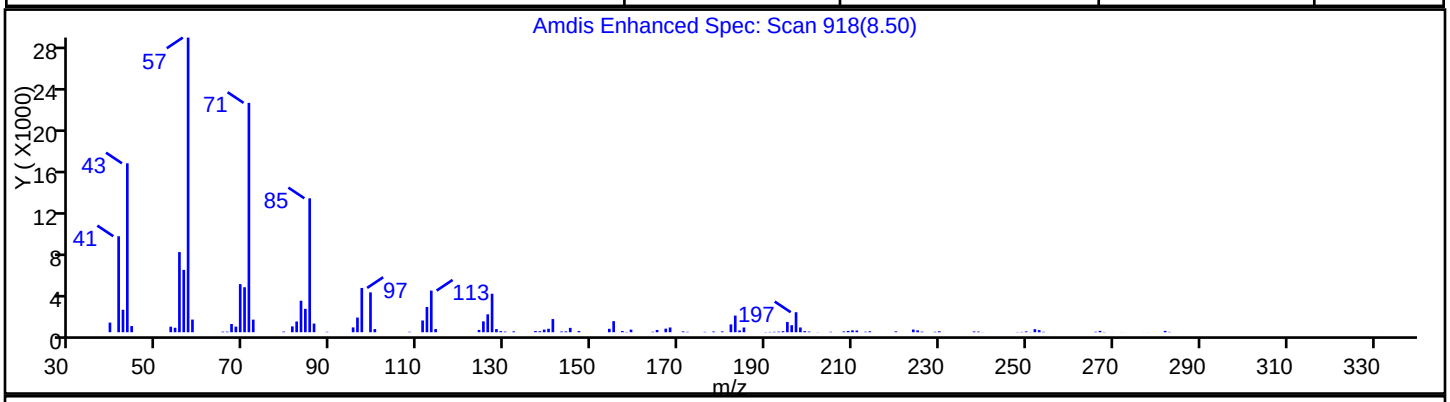
Report Date: 20-Sep-2013 11:18:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

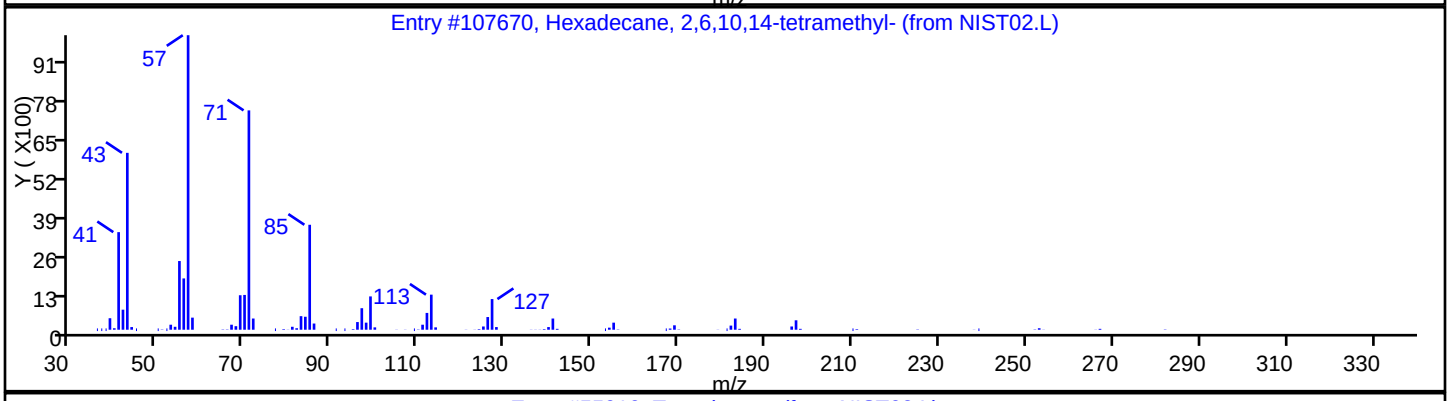
TestAmerica Edison

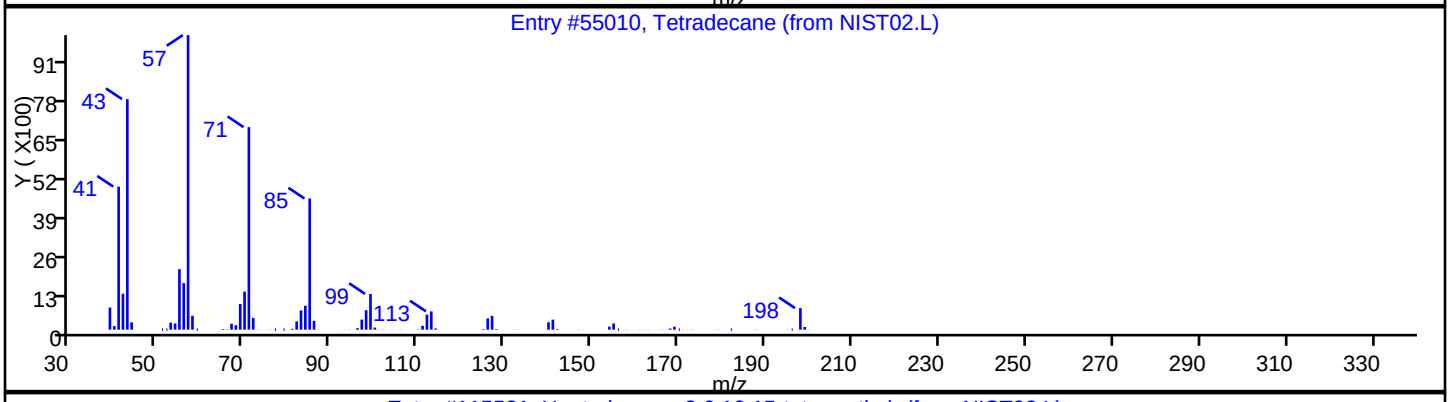
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91004.D

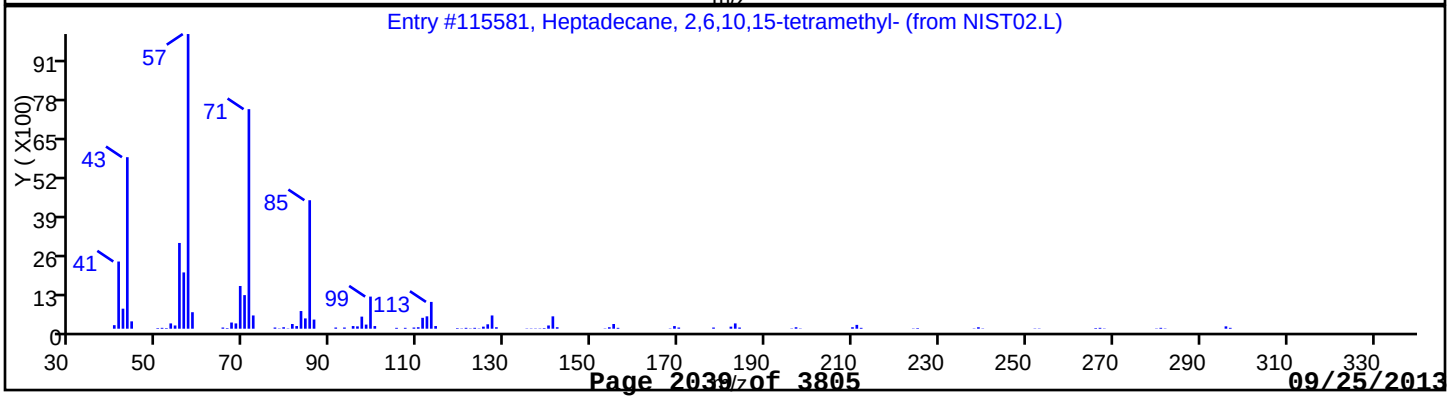
Injection Date:	19-Sep-2013 10:08:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	96
Tetradecane	629-59-4	NIST02.L	55010	91
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	86









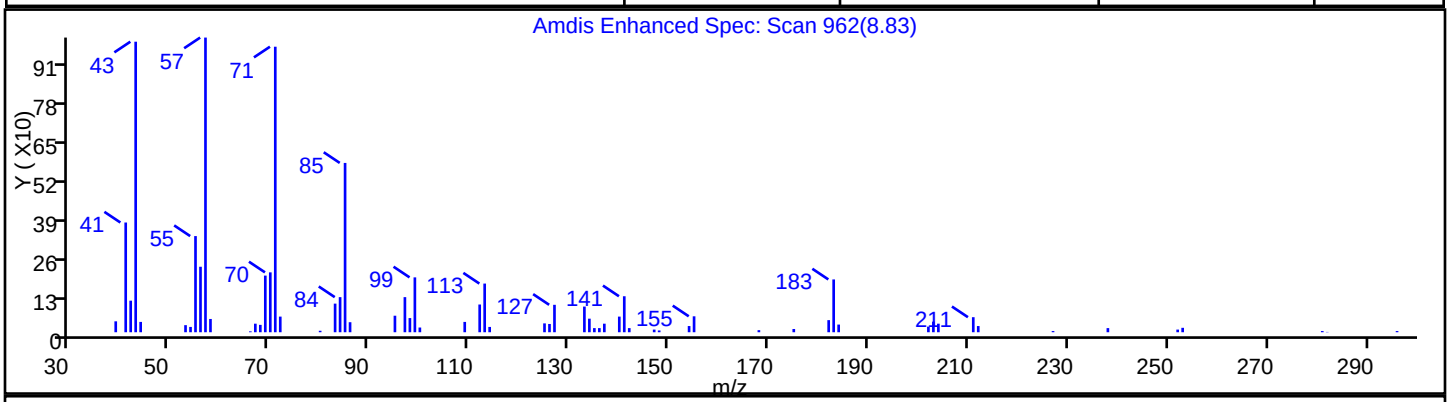
Report Date: 20-Sep-2013 11:18:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

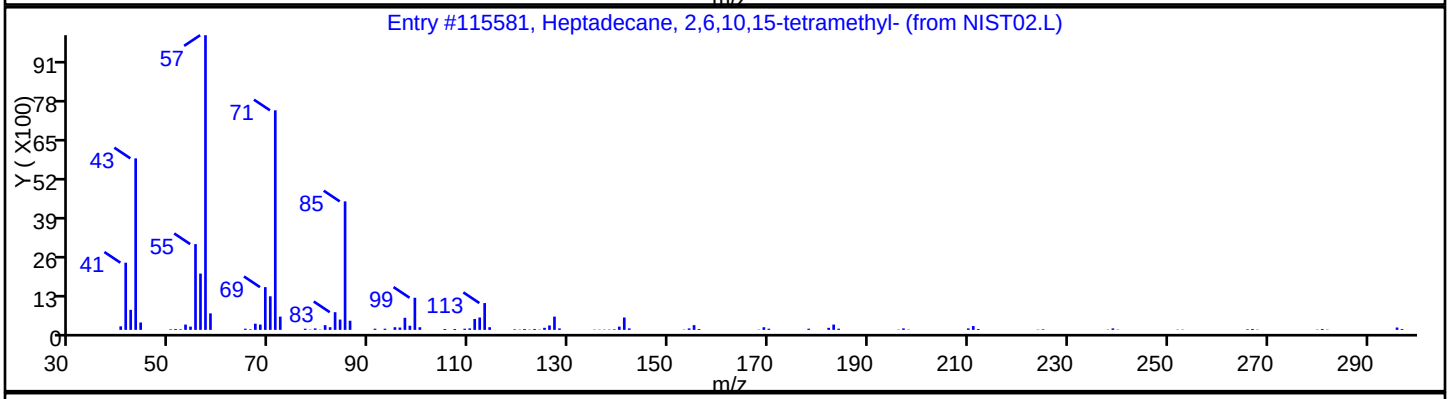
TestAmerica Edison

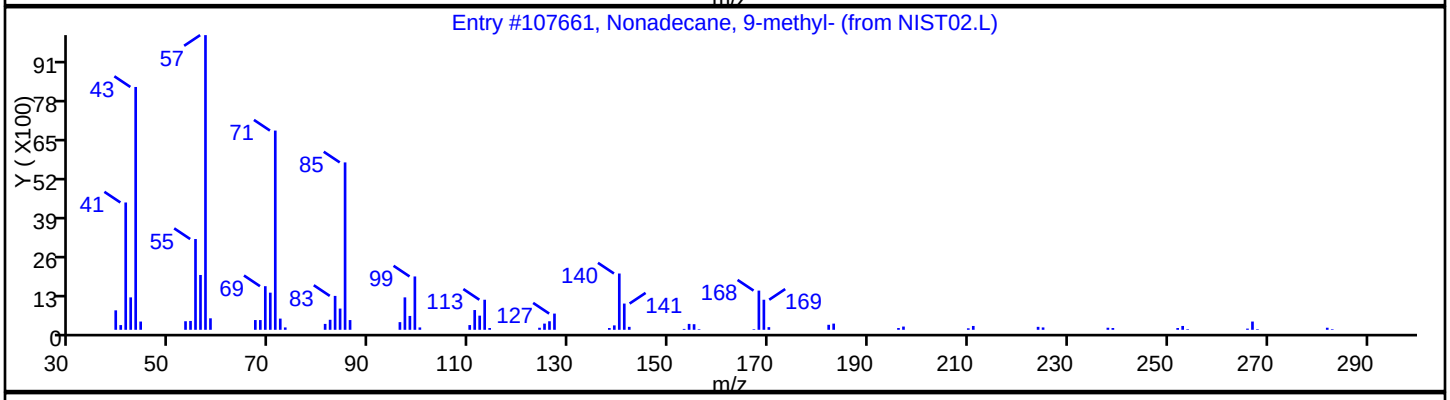
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91004.D

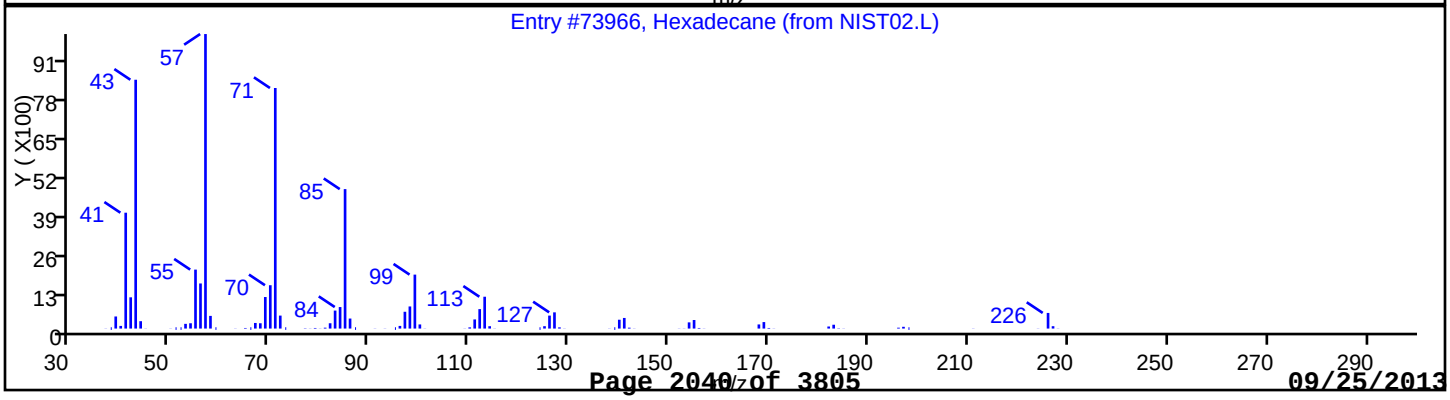
Injection Date:	19-Sep-2013 10:08:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	90
Nonadecane, 9-methyl-	13287-24-6	NIST02.L	107661	90
Hexadecane	544-76-3	NIST02.L	73966	86









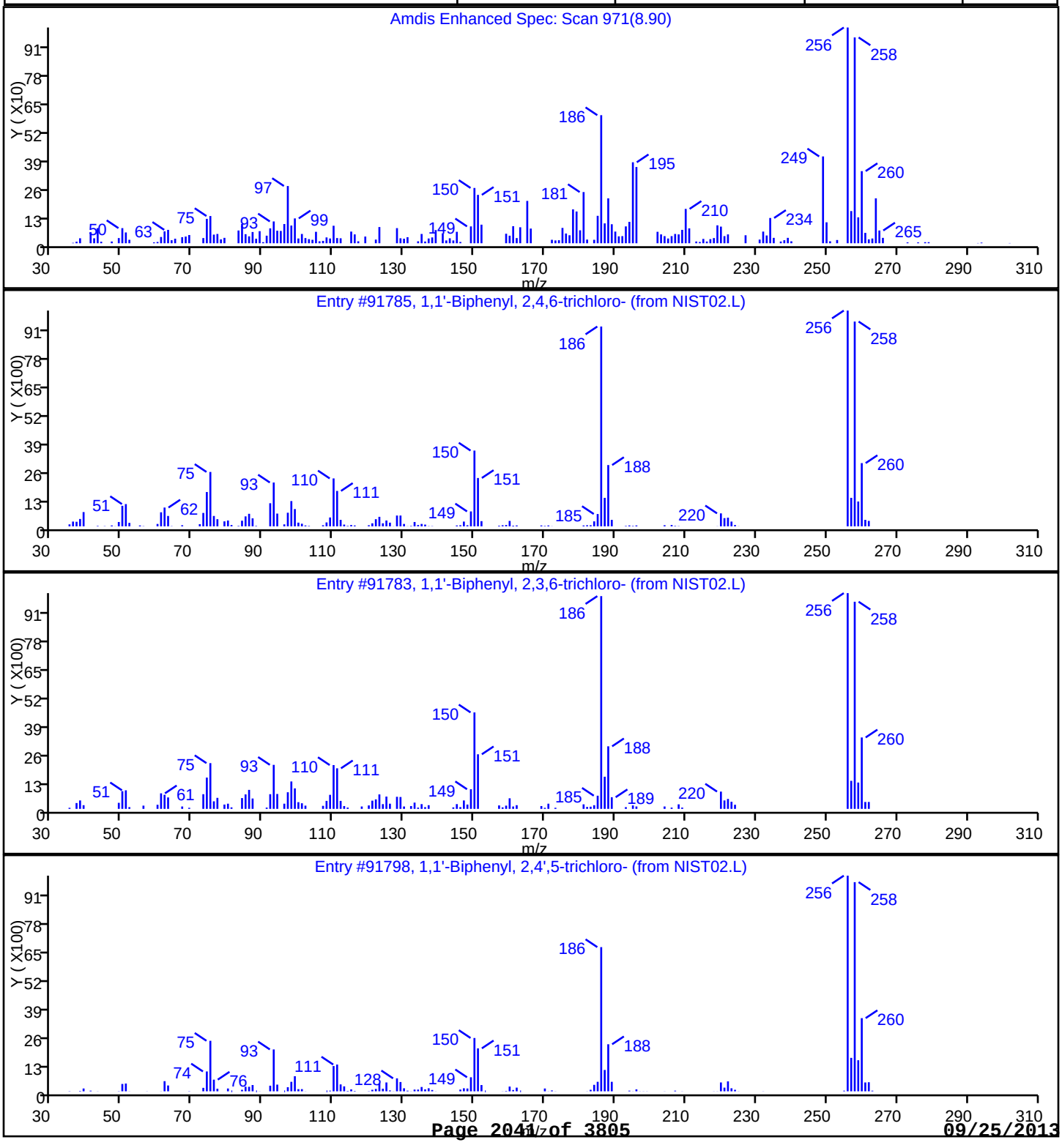
Report Date: 20-Sep-2013 11:18:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91004.D

Injection Date:	19-Sep-2013 10:08:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.L	91785	93
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.L	91783	93
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	93



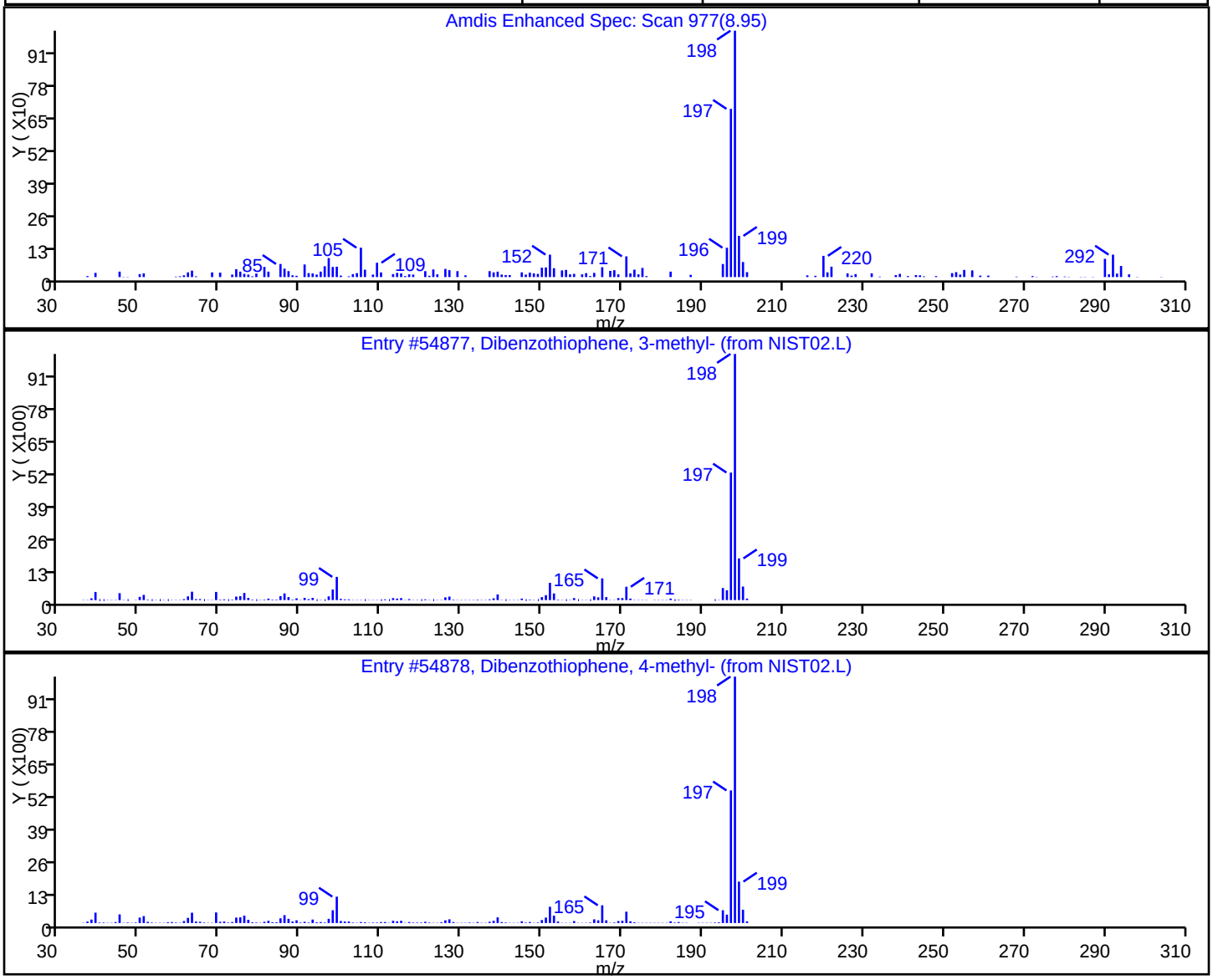
Report Date: 20-Sep-2013 11:18:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91004.D

Injection Date:	19-Sep-2013 10:08:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-WT	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Dibenzothiophene, 3-methyl-	16587-52-3	NIST02.L	54877	90
Dibenzothiophene, 4-methyl-	7372-88-5	NIST02.L	54878	81



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-SI | Lab Sample ID: 460-62968-13

Matrix: Solid | Lab File ID: U91005.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:35

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 10:30

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.: 182070 | 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-SI | Lab Sample ID: 460-62968-13

Matrix: Solid | Lab File ID: U91005.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:35

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 10:30

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.: 182070 | 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	55	J	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	110	U	1200	110
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	120	U	1200	120
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-SI | Lab Sample ID: 460-62968-13

Matrix: Solid | Lab File ID: U91005.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:35

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 10:30

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.: 182070 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	62		38-105
4165-62-2	Phenol-d5	91		41-118
1718-51-0	Terphenyl-d14	82		16-151
118-79-6	2,4,6-Tribromophenol	95		10-120
367-12-4	2-Fluorophenol	82		37-125
321-60-8	2-Fluorobiphenyl	64		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-SI | Lab Sample ID: 460-62968-13

Matrix: Solid | Lab File ID: U91005.D

Analysis Method: 8270C | Date Collected: 09/12/2013 10:35

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 10:30

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.: 182070 | Units: ug/Kg

Number TICs Found: 4 | TIC Result Total: 3110

CAS NO.	COMPOUND NAME	RT	RESULT	Q
3892-00-0	Pentadecane, 2,6,10-trimethyl-	7.73	730	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	7.99	1200	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.45	850	J N
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	8.61	330	J N

Report Date: 20-Sep-2013 11:18:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91005.D		
Lims ID:	460-62968-E-13-B	Client ID:	PMP-18SE-SI
Inject. Date:	19-Sep-2013 10:30:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004790-021		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	21
Lims Batch ID:	182070	Lims Sample ID:	21
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m		
Last Update:	20-Sep-2013 11:16:04	Calib Date:	18-Sep-2013 15:35:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90967.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: croccom		Date:	19-Sep-2013 11:38:14

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.750	2.740	0.010	81	623090	81.6	
$ 6 Phenol-d5	99	3.678	3.692	-0.014	57	823087	90.6	
* 13 1,4-Dichlorobenzene-d4	152	4.015	4.023	-0.008	91	271951	40.0	
$ 25 Nitrobenzene-d5	82	4.571	4.588	-0.017	93	500313	31.1	
* 35 Naphthalene-d8	136	5.295	5.310	-0.015	97	1105826	40.0	
$ 48 2-Fluorobiphenyl	172	6.381	6.398	-0.017	96	816836	32.2	
* 61 Acenaphthene-d10	164	7.047	7.057	-0.010	93	718700	40.0	
$ 76 2,4,6-Tribromophenol	330	7.821	7.832	-0.011	93	635985	95.2	
* 83 Phenanthrene-d10	188	8.499	8.510	-0.011	97	1311957	40.0	
84 Phenanthrene	178	8.514	8.532	-0.018	58	19270	0.5750	
87 Di-n-butyl phthalate	149	9.077	9.094	-0.017	92	30335	0.7066	
$ 91 Terphenyl-d14	244	10.064	10.069	-0.005	98	1590404	41.0	
* 96 Chrysene-d12	240	11.178	11.193	-0.015	97	1494416	40.0	
98 Bis(2-ethylhexyl) phthalate	149	11.209	11.232	-0.023	50	7797	0.2958	
* 103 Perylene-d12	264	12.998	13.017	-0.019	97	1125389	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91005.D		
Lims ID:	460-62968-E-13-B	Client ID:	PMP-18SE-SI
Inject. Date:	19-Sep-2013 10:30:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004790-021		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	21
Lims Batch ID:	182070	Lims Sample ID:	21
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m		
Last Update:	20-Sep-2013 11:16:04	Calib Date:	18-Sep-2013 15:35:30
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:	19-Sep-2013 11:38:14

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
	3892-00-0 Pentadecane, 2,6,10-trimethyl-					
7.730	765318	9.40	61	90	91053	
	1921-70-6 Pentadecane, 2,6,10,14-tetramethyl-					
7.988	1476408	15.0	83	91	99493	M
	638-36-8 Hexadecane, 2,6,10,14-tetramethyl-					
8.445	1073849	10.9	83	97	107670	M
	7012-37-5 1,1'-Biphenyl, 2,4,4'-trichloro-					
8.613	417235	4.24	83	91	91797	M

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.047	3256947	40.0
* 83 Phenanthrene-d10	8.499	3940254	40.0

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

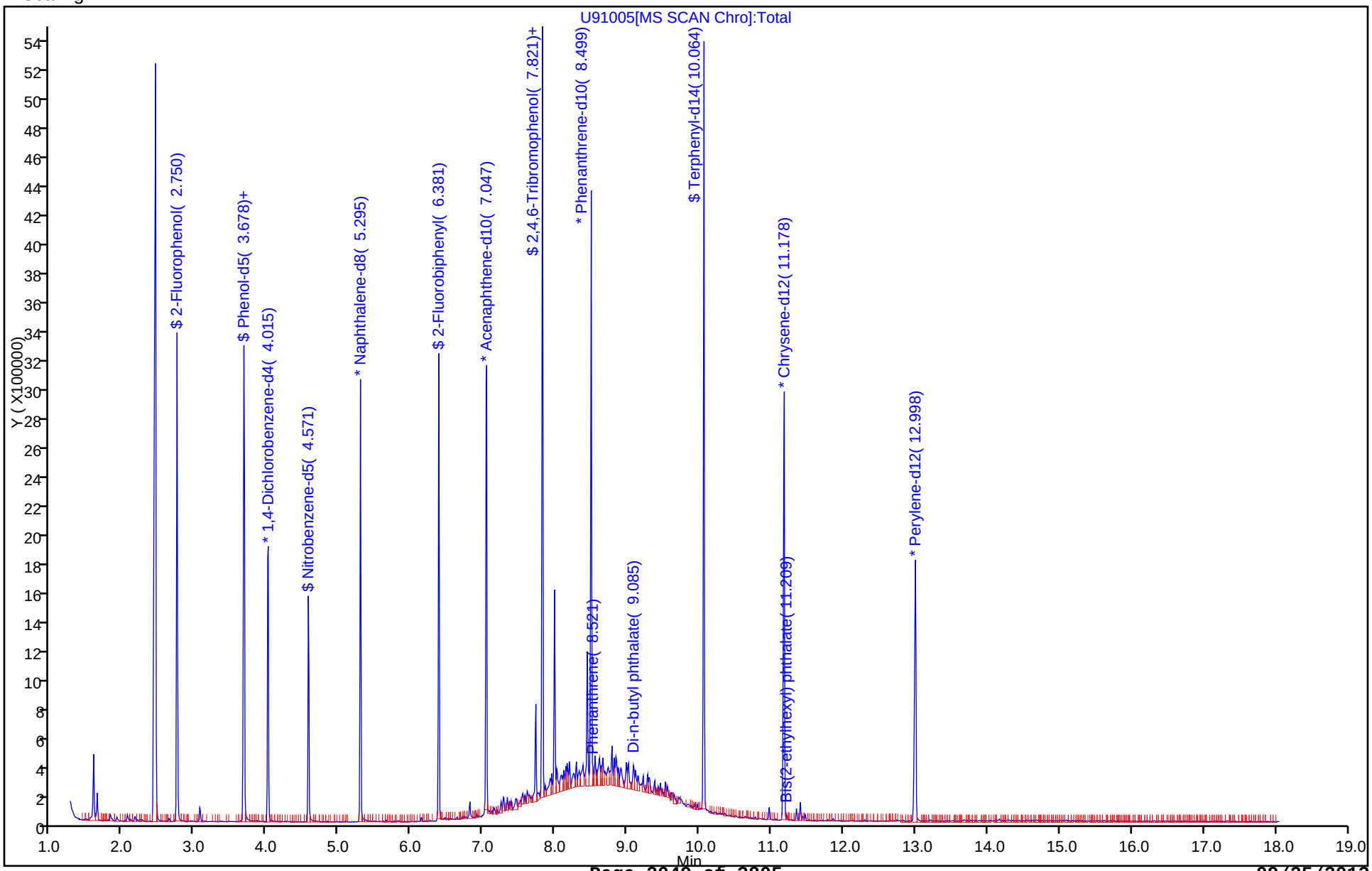
Report Date: 20-Sep-2013 11:18:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91005.D

Injection Date:	19-Sep-2013 10:30:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Y Scaling:



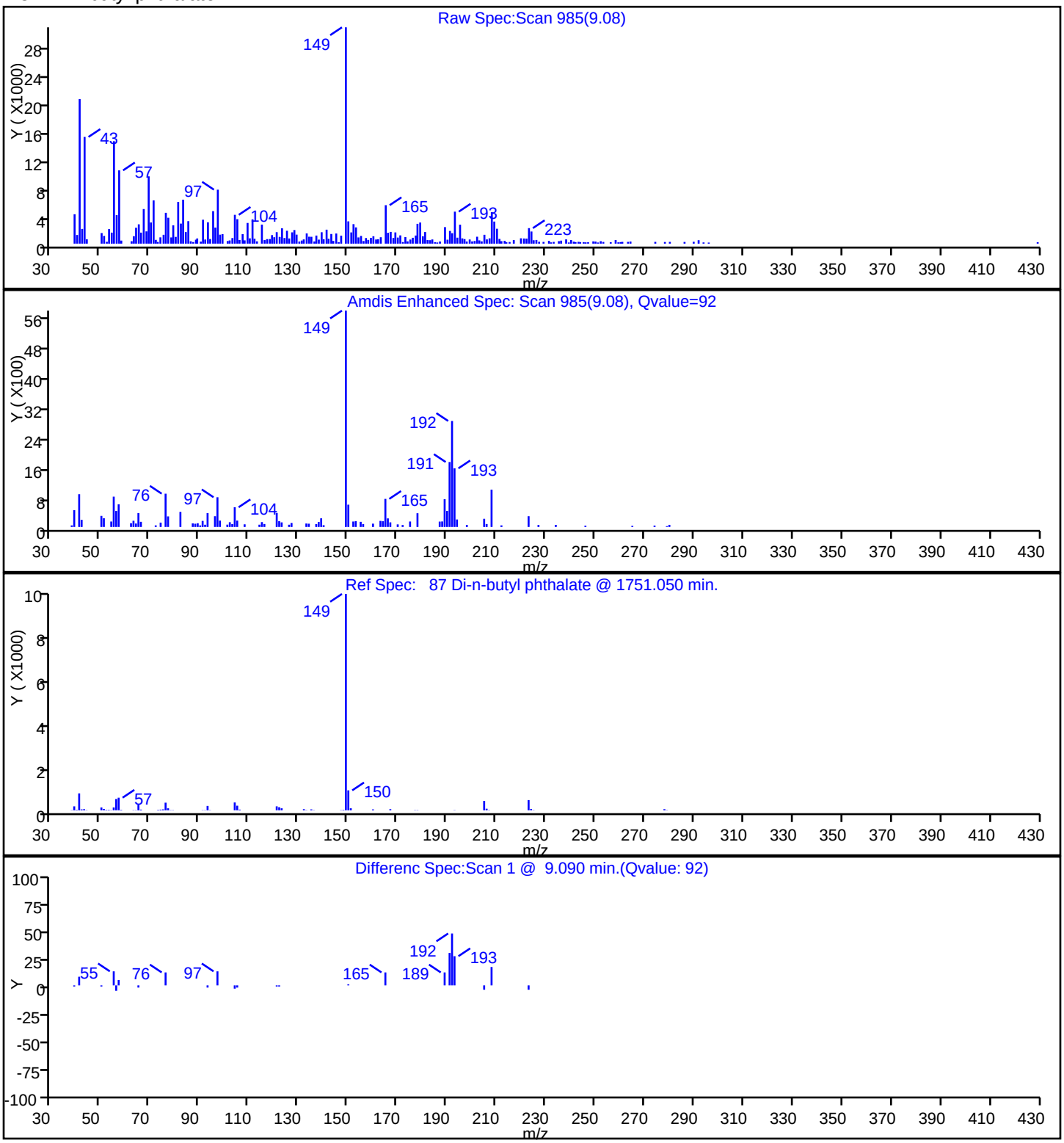
Report Date: 20-Sep-2013 11:18:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91005.D

Injection Date:	19-Sep-2013 10:30:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

87 Di-n-butyl phthalate



Report Date: 20-Sep-2013 11:18:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

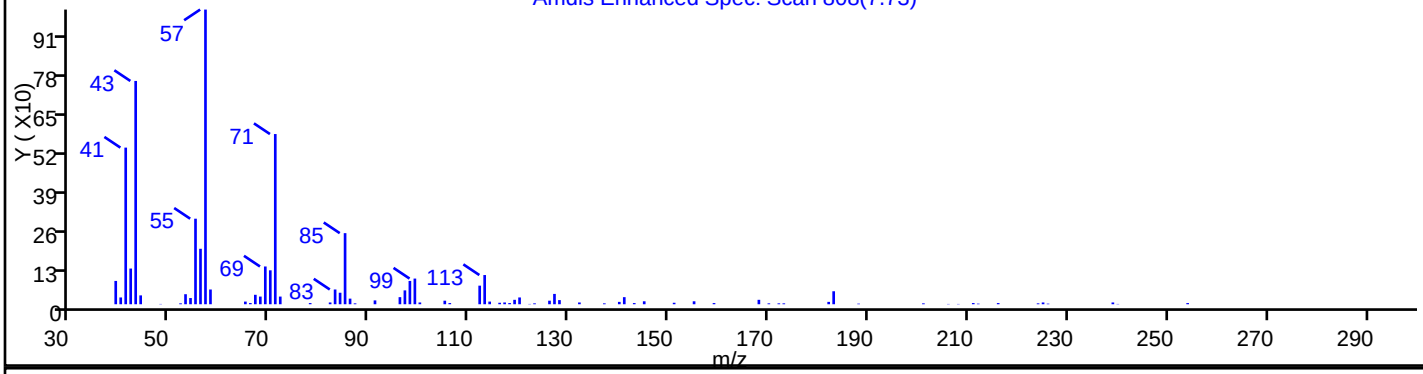
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91005.D

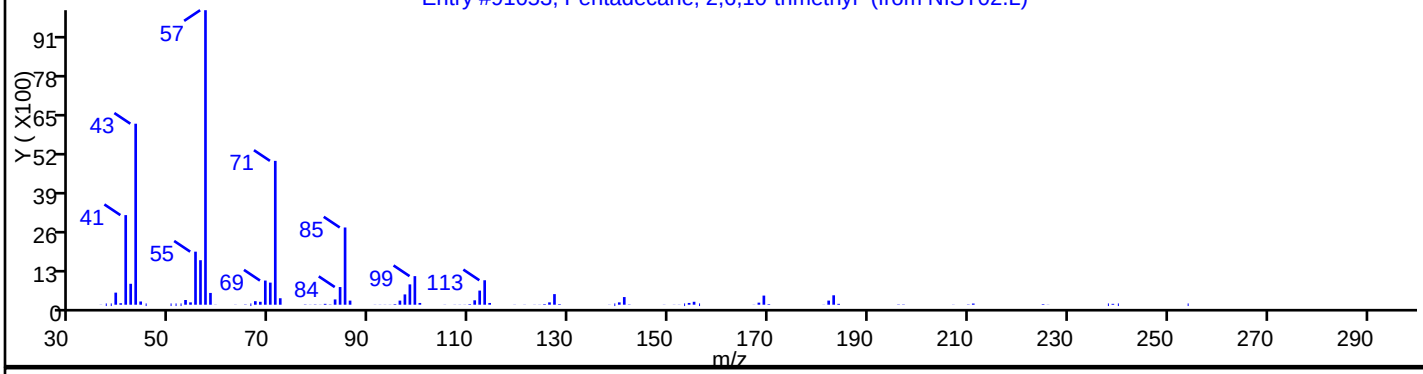
Injection Date:	19-Sep-2013 10:30:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	90
Dodecane, 2-methyl-8-propyl-	55045-07-3	NIST02.L	73990	89
Heptadecane, 2,6,10,14-tetramethyl-	18344-37-1	NIST02.L	115580	86

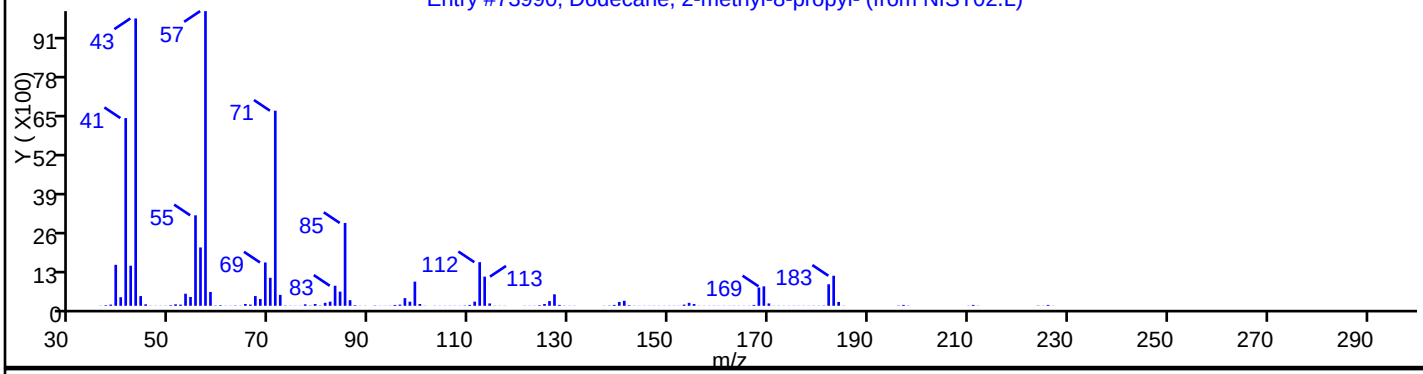
Amdis Enhanced Spec: Scan 808(7.73)



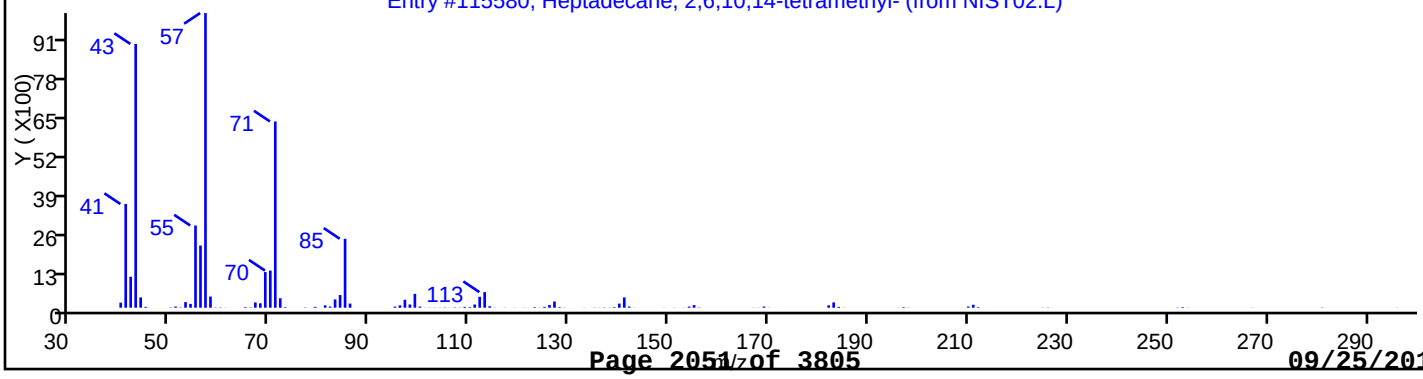
Entry #91053, Pentadecane, 2,6,10-trimethyl- (from NIST02.L)



Entry #73990, Dodecane, 2-methyl-8-propyl- (from NIST02.L)



Entry #115580, Heptadecane, 2,6,10,14-tetramethyl- (from NIST02.L)



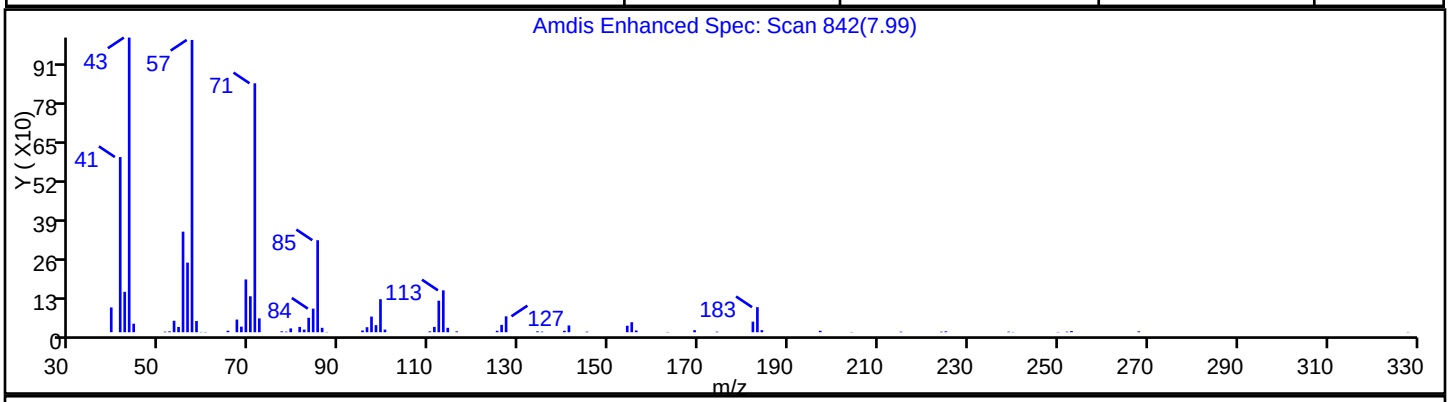
Report Date: 20-Sep-2013 11:18:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

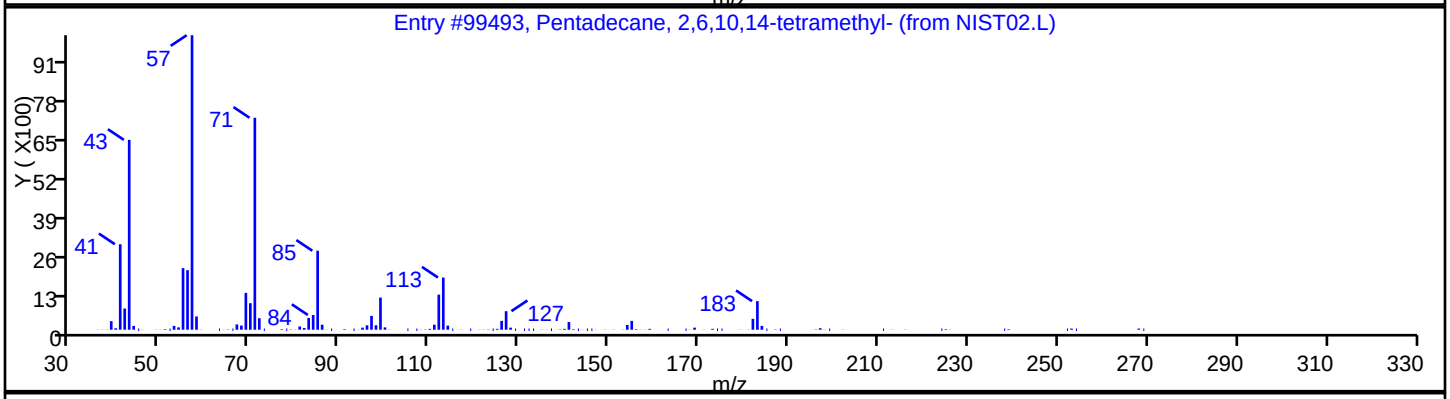
TestAmerica Edison

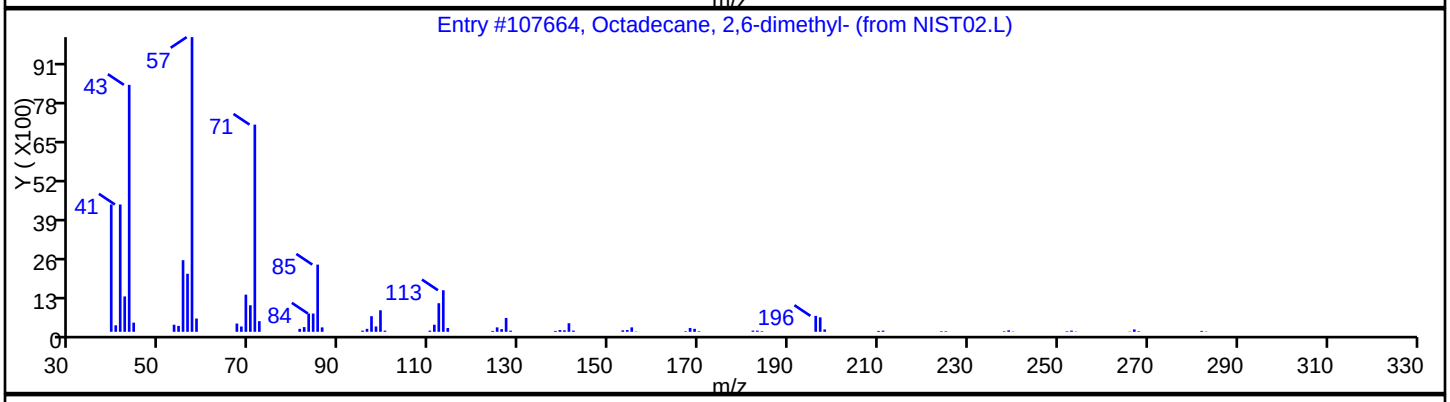
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91005.D

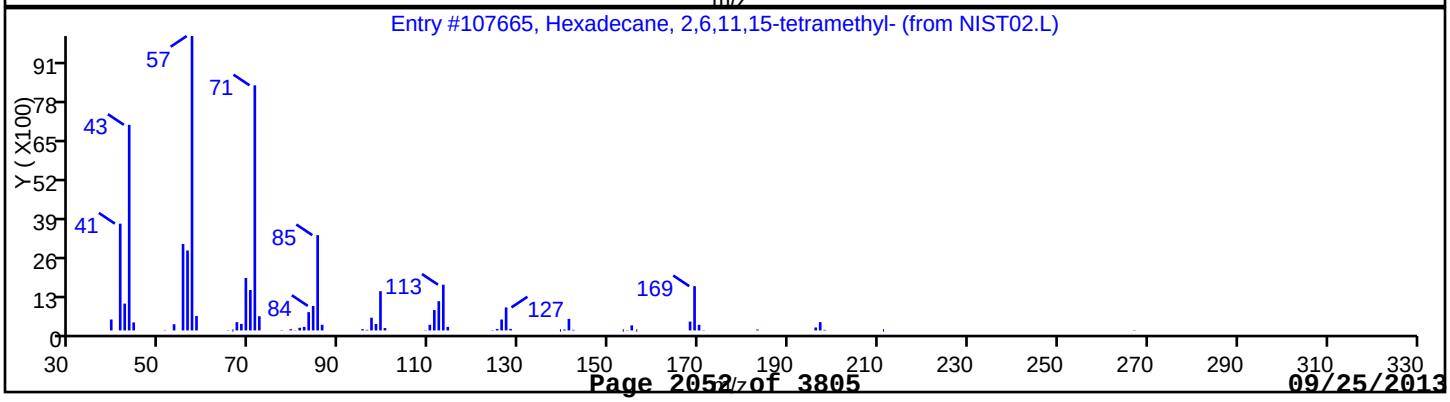
Injection Date:	19-Sep-2013 10:30:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	91
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.L	107664	91
Hexadecane, 2,6,11,15-tetramethyl-	504-44-9	NIST02.L	107665	90









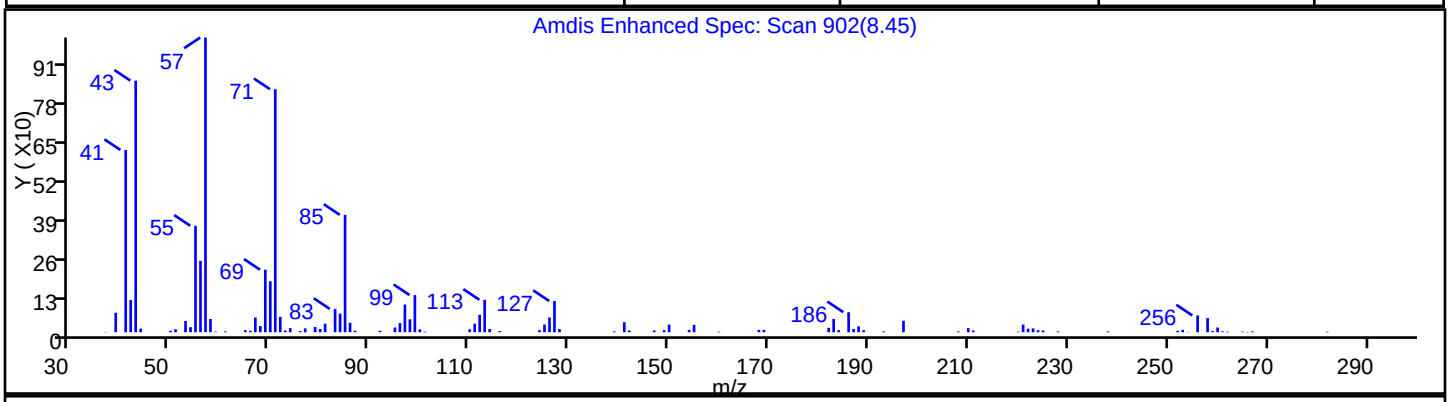
Report Date: 20-Sep-2013 11:18:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

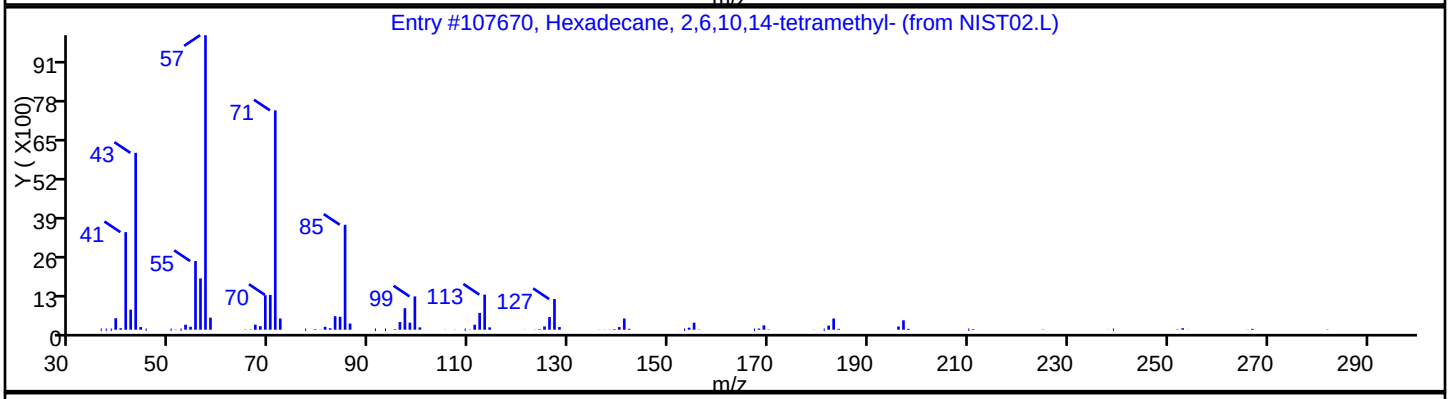
TestAmerica Edison

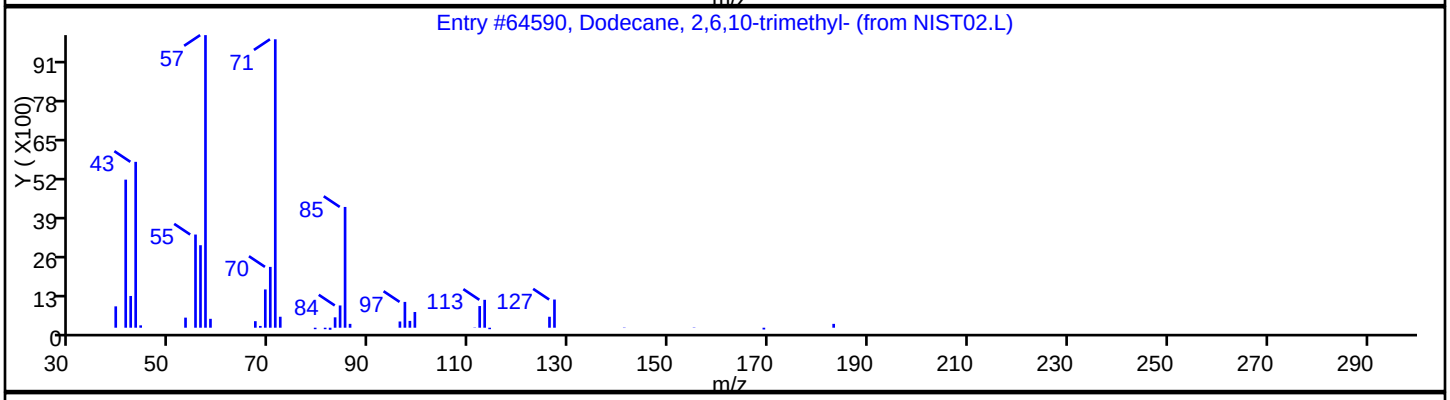
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91005.D

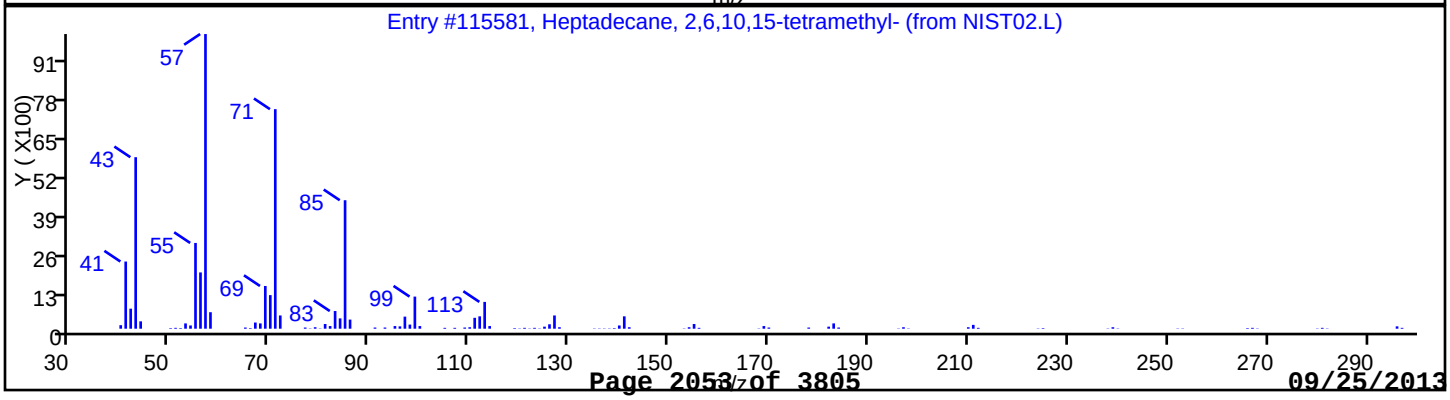
Injection Date:	19-Sep-2013 10:30:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	97
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	87
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	80









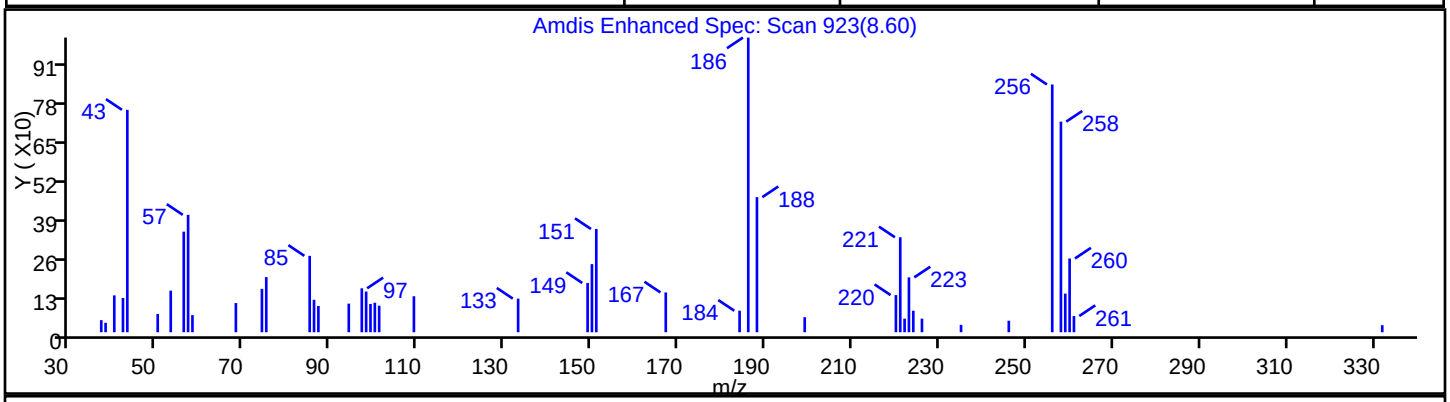
Report Date: 20-Sep-2013 11:18:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

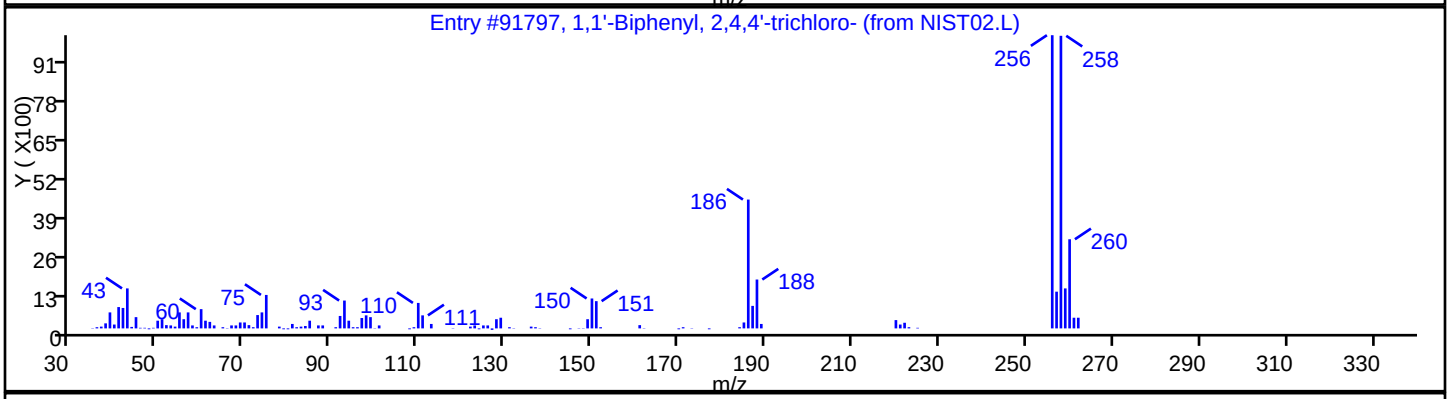
TestAmerica Edison

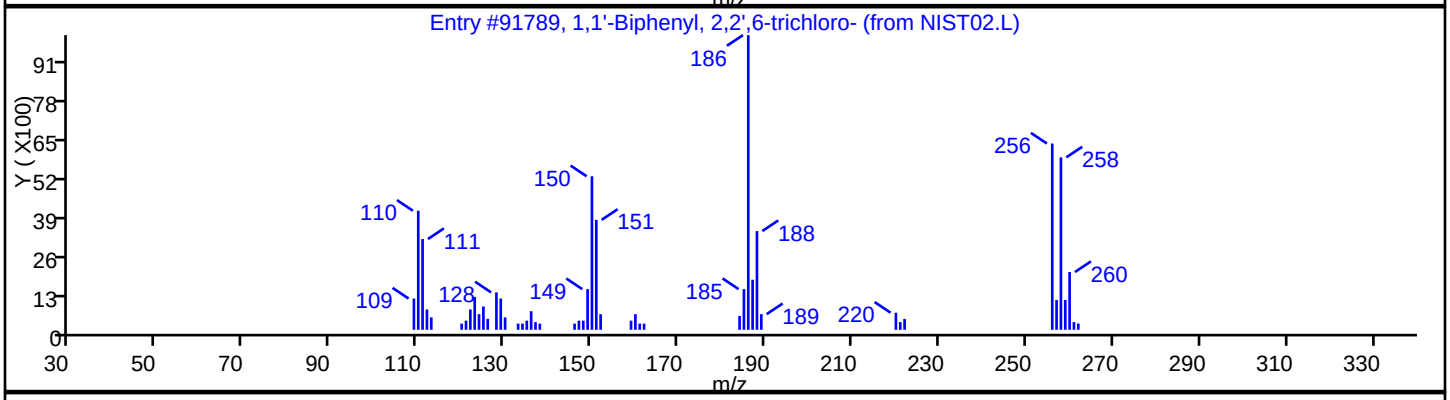
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91005.D

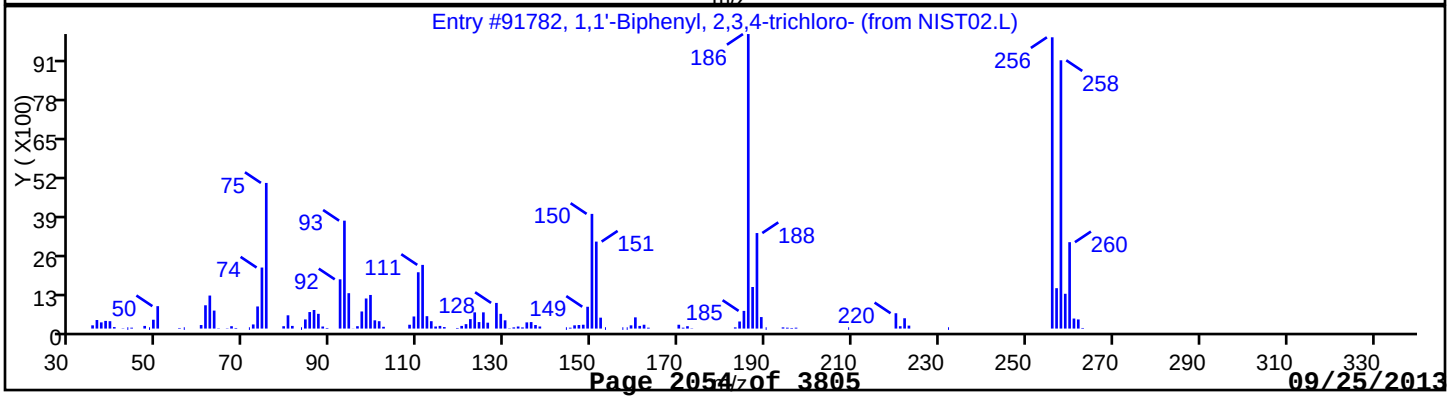
Injection Date:	19-Sep-2013 10:30:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-18SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91797	91
1,1'-Biphenyl, 2,2',6-trichloro-	38444-73-4	NIST02.L	91789	91
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	90









FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-VD | Lab Sample ID: 460-62968-14

Matrix: Solid | Lab File ID: z3110.d

Analysis Method: 8270C | Date Collected: 09/12/2013 10:55

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.02(g) | Date Analyzed: 09/15/2013 23:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	59	U	350	59
106-44-5	4-Methylphenol	68	U	350	68
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	53	U	350	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	35	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	350	38
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
98-95-3	Nitrobenzene	4.9	U	35	4.9
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	42	U	350	42
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	86	U	350	86
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	40	U	350	40
106-47-8	4-Chloroaniline	92	U	350	92
87-68-3	Hexachlorobutadiene	8.5	U	70	8.5
105-60-2	Caprolactam	80	U	350	80
59-50-7	4-Chloro-3-methylphenol	52	U	350	52
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.7	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	47	U	350	47
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	51	U	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-VD | Lab Sample ID: 460-62968-14

Matrix: Solid | Lab File ID: z3110.d

Analysis Method: 8270C | Date Collected: 09/12/2013 10:55

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.02(g) | Date Analyzed: 09/15/2013 23:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | 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	250	J	350	43
121-14-2	2,4-Dinitrotoluene	11	U	70	11
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	700	110
534-52-1	4,6-Dinitro-2-methylphenol	95	U	1000	95
101-55-3	4-Bromophenyl phenyl ether	34	U	350	34
1912-24-9	Atrazine	54	U	350	54
120-12-7	Anthracene	42	U	350	42
86-74-8	Carbazole	41	U	350	41
85-01-8	Phenanthrene	44	U	350	44
87-86-5	Pentachlorophenol	100	U	1000	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	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-VD Lab Sample ID: 460-62968-14

Matrix: Solid Lab File ID: z3110.d

Analysis Method: 8270C Date Collected: 09/12/2013 10:55

Extract. Method: 3541 Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.02(g) Date Analyzed: 09/15/2013 23:55

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	81		38-105
4165-62-2	Phenol-d5	79		41-118
1718-51-0	Terphenyl-d14	94		16-151
118-79-6	2,4,6-Tribromophenol	77		10-120
367-12-4	2-Fluorophenol	76		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-VD | Lab Sample ID: 460-62968-14

Matrix: Solid | Lab File ID: z3110.d

Analysis Method: 8270C | Date Collected: 09/12/2013 10:55

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.02(g) | Date Analyzed: 09/15/2013 23:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | 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/8270/09-06-13/15sep13.b/z3110.d
Report Date: 16-Sep-2013 10:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3110.d
Lab Smp Id: 460-62968-E-14-A Client Smp ID: PMP-17SE-VD
Inj Date : 15-SEP-2013 23:55
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62968-E-14-A
Misc Info : 460-62968-E-14-A
Comment   :
Method   : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/8270C_11.m
Meth Date : 15-Sep-2013 18:43 czhao Quant Type: ISTD
Cal Date : 06-SEP-2013 18:21 Cal File: z26655.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	15.02000	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	1.468	1.433	(0.586)	1145176	75.8643	5000
$ 17 Phenol-d5 (SUR)	99	2.268	2.274	(0.906)	1452695	78.5092	5200
* 79 1,4-Dichlorobenzene-d4	152	2.503	2.509	(1.000)	462725	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.080	3.097	(0.804)	714263	40.5634	2700
* 80 Naphthalene-d8	136	3.833	3.844	(1.000)	1725667	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	4.980	4.985	(0.891)	1197055	39.2470	2600
* 82 Acenaphthene-d10	164	5.591	5.597	(1.000)	852369	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.362	6.368	(1.138)	293883	77.2313	5100
115 n-Octadecane	57	7.056	7.062	(1.008)	6351	0.40952	27(a)
* 83 Phenanthrene-d10	188	7.003	7.009	(1.000)	1151039	40.0000	
55 Di-n-butylphthalate	149	7.685	7.685	(1.097)	118985	3.58545	240(a)
$ 78 Terphenyl-d14	244	8.574	8.573	(0.901)	719513	46.9849	3100
* 81 Chrysene-d12	240	9.515	9.520	(1.000)	502558	40.0000	

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3110.d
Report Date: 16-Sep-2013 10:39

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	10.844	10.850	(1.000)	320042	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: z3110.d

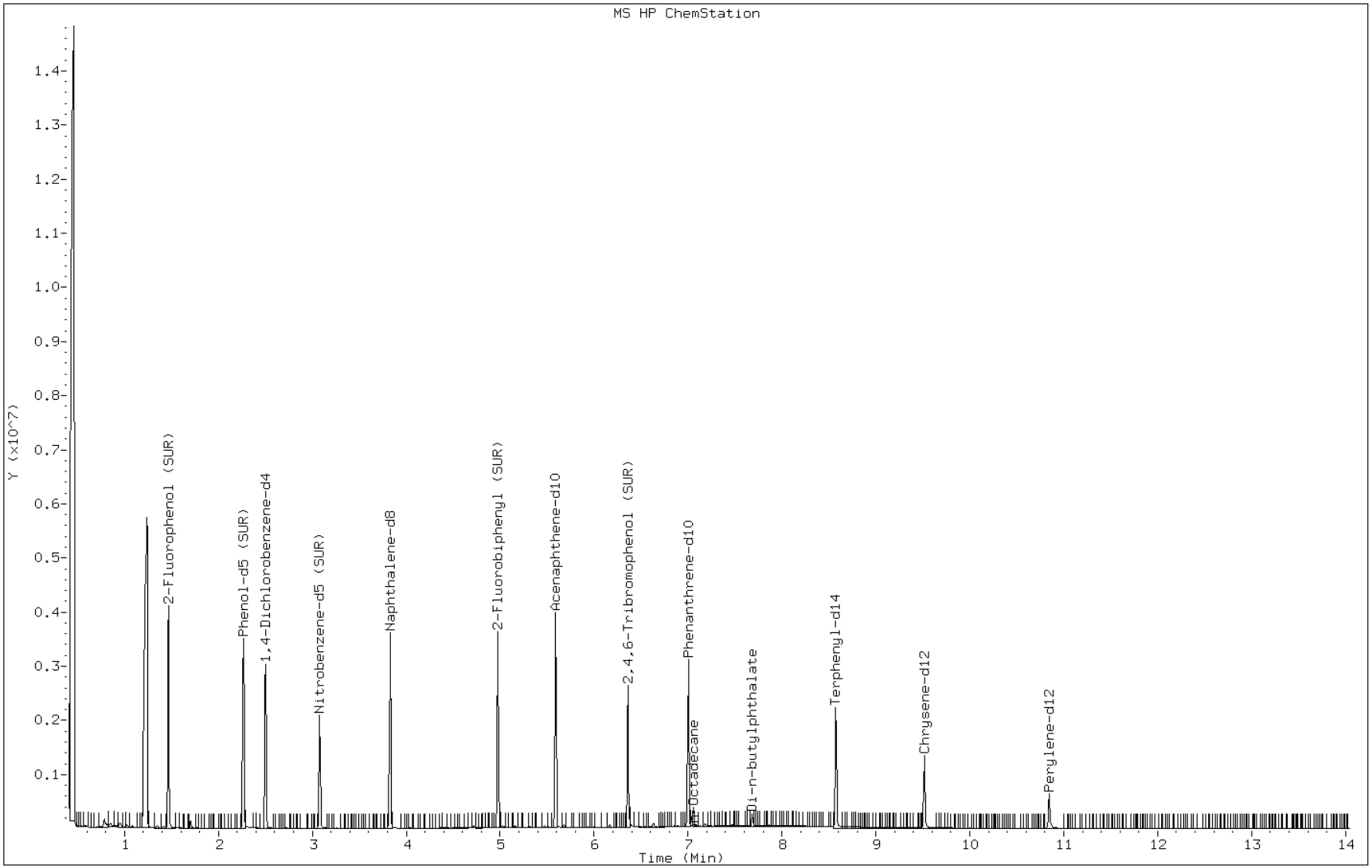
Date: 15-SEP-2013 23:55

Client ID: PMP-17SE-VD

Instrument: BNAMS11.i

Sample Info: 460-62968-E-14-A

Operator: BNAMS 4



Data File: z3110.d

Date: 15-SEP-2013 23:55

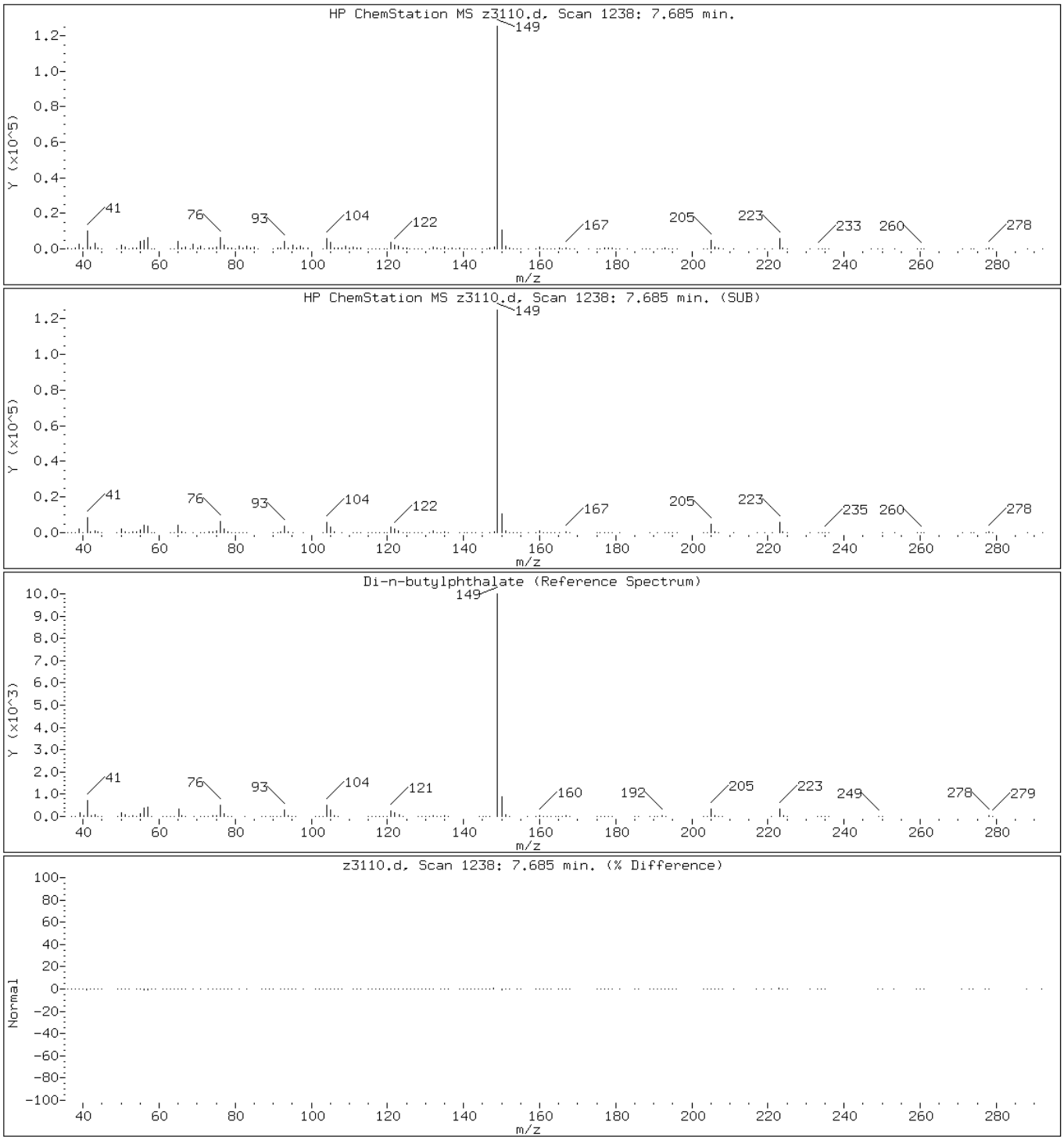
Client ID: PMP-17SE-VD

Instrument: BNAMS11.i

Sample Info: 460-62968-E-14-A

Operator: BNAMS 4

55 Di-n-butylphthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-WT | Lab Sample ID: 460-62968-15

Matrix: Solid | Lab File ID: z3127.d

Analysis Method: 8270C | Date Collected: 09/12/2013 11:00

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.02(g) | Date Analyzed: 09/16/2013 05:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | 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	76	U	380	76
100-52-7	Benzaldehyde	45	U	380	45
98-86-2	Acetophenone	59	U	380	59
111-44-4	Bis(2-chloroethyl)ether	5.2	U	38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	380	42
621-64-7	N-Nitrosodi-n-propylamine	6.4	U	38	6.4
98-95-3	Nitrobenzene	5.5	U	38	5.5
67-72-1	Hexachloroethane	4.3	U	38	4.3
78-59-1	Isophorone	47	U	380	47
88-75-5	2-Nitrophenol	43	U	380	43
105-67-9	2,4-Dimethylphenol	95	U	380	95
120-83-2	2,4-Dichlorophenol	56	U	380	56
111-91-1	Bis(2-chloroethoxy)methane	50	U	380	50
91-20-3	Naphthalene	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
105-60-2	Caprolactam	88	U	380	88
59-50-7	4-Chloro-3-methylphenol	58	U	380	58
91-57-6	2-Methylnaphthalene	49	U	380	49
118-74-1	Hexachlorobenzene	5.2	U	38	5.2
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
88-06-2	2,4,6-Trichlorophenol	45	U	380	45
95-95-4	2,4,5-Trichlorophenol	50	U	380	50
92-52-4	Diphenyl	51	U	380	51
91-58-7	2-Chloronaphthalene	43	U	380	43
88-74-4	2-Nitroaniline	160	U	780	160
606-20-2	2,6-Dinitrotoluene	12	U	78	12
131-11-3	Dimethyl phthalate	45	U	380	45
208-96-8	Acenaphthylene	45	U	380	45
99-09-2	3-Nitroaniline	140	U	780	140
83-32-9	Acenaphthene	56	U	380	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-WT | Lab Sample ID: 460-62968-15

Matrix: Solid | Lab File ID: z3127.d

Analysis Method: 8270C | Date Collected: 09/12/2013 11:00

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.02(g) | Date Analyzed: 09/16/2013 05:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | 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	94	J	380	49
206-44-0	Fluoranthene	51	U	380	51
84-74-2	Di-n-butyl phthalate	200	J	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	180	J	380	32
218-01-9	Chrysene	45	U	380	45
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.7	U	38	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	380	38
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	24	U	380	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.1	U	38	7.1
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
91-94-1	3,3'-Dichlorobenzidine	130	U	780	130
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	380	52
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	380	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-WT | Lab Sample ID: 460-62968-15

Matrix: Solid | Lab File ID: z3127.d

Analysis Method: 8270C | Date Collected: 09/12/2013 11:00

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.02(g) | Date Analyzed: 09/16/2013 05:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	81		38-105
4165-62-2	Phenol-d5	76		41-118
1718-51-0	Terphenyl-d14	72		16-151
118-79-6	2,4,6-Tribromophenol	76		10-120
367-12-4	2-Fluorophenol	76		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-WT | Lab Sample ID: 460-62968-15

Matrix: Solid | Lab File ID: z3127.d

Analysis Method: 8270C | Date Collected: 09/12/2013 11:00

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.02(g) | Date Analyzed: 09/16/2013 05:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 137900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-2	5.04	4200	J
	Unknown Alkane-3	5.18	7400	J
	Unknown Alkane-4	5.50	6900	J
	Unknown Alkane-5	5.71	13000	J
	Unknown Alkane-6	5.96	7300	J
	Unknown Alkane-9	6.21	9800	J
	Unknown Alkane-10	6.41	16000	J
	Unknown Alkane-11	6.52	3700	J
	Unknown Alkane-12	6.67	18000	J
	Unknown Cycloalkane-2	6.93	3800	J
593-45-3	n-Octadecane	7.10	18000	E
	Unknown Alkane-13	7.12	7900	J
	Unknown Alkane-15	7.50	11000	J
	Unknown Alkane-16	7.88	6900	J
	Unknown Alkane-17	8.25	4000	J

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3127.d
Report Date: 20-Sep-2013 13:12

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3127.d
Lab Smp Id: 460-62968-E-15-A Client Smp ID: PMP-17SE-WT
Inj Date : 16-SEP-2013 05:34
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62968-E-15-A
Misc Info : 460-62968-E-15-A
Comment   :
Method   : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/8270C_11.m
Meth Date : 15-Sep-2013 18:43 czhao Quant Type: ISTD
Cal Date : 06-SEP-2013 18:21 Cal File: z26655.d
Als bottle: 25
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	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	1.462	1.433	(0.586)	1060916	76.1529	5100
$ 17 Phenol-d5 (SUR)	99	2.268	2.274	(0.908)	1297836	75.9987	5000
* 79 1,4-Dichlorobenzene-d4	152	2.498	2.509	(1.000)	427054	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.080	3.097	(0.804)	602385	40.5184	2700
* 80 Naphthalene-d8	136	3.833	3.844	(1.000)	1456985	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	4.980	4.985	(0.889)	839458	42.5302	2800(H)
125 1,3-Dimethylnaphthalene	156	5.291	5.291	(0.944)	99533	7.10491	470
* 82 Acenaphthene-d10	164	5.603	5.597	(1.000)	551597	40.0000	
47 Fluorene	166	6.138	6.127	(1.096)	20470	1.21034	80(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	6.386	6.368	(1.140)	186785	75.8519	5000
115 n-Octadecane	57	7.097	7.062	(1.009)	2147009	229.742	15000(A)
* 83 Phenanthrene-d10	188	7.033	7.009	(1.000)	693605	40.0000	
55 Di-n-butylphthalate	149	7.697	7.685	(1.095)	52412	2.62096	170(a)

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3127.d
Report Date: 20-Sep-2013 13:12

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
57 Pyrene	202	8.368	8.356	(0.879)	38219	2.33144	160(a)
$ 78 Terphenyl-d14	244	8.579	8.573	(0.901)	418583	35.8082	2400
* 81 Chrysene-d12	240	9.521	9.520	(1.000)	383623	40.0000	
* 84 Perylene-d12	264	10.844	10.850	(1.000)	333676	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: z3127.d

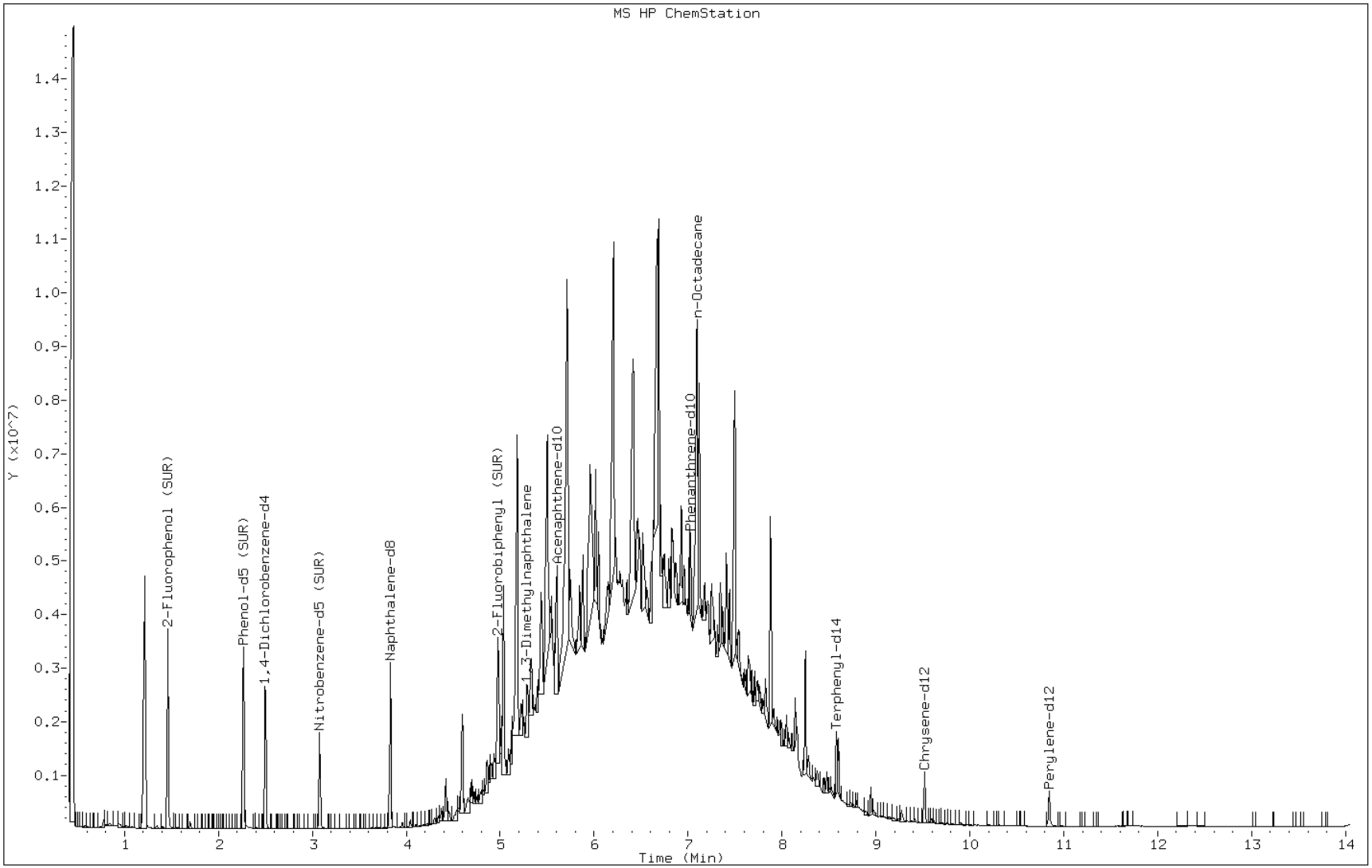
Date: 16-SEP-2013 05:34

Client ID: PMP-17SE-WT

Instrument: BNAMS11.i

Sample Info: 460-62968-E-15-A

Operator: BNAMS 4



Data File: z3127.d

Date: 16-SEP-2013 05:34

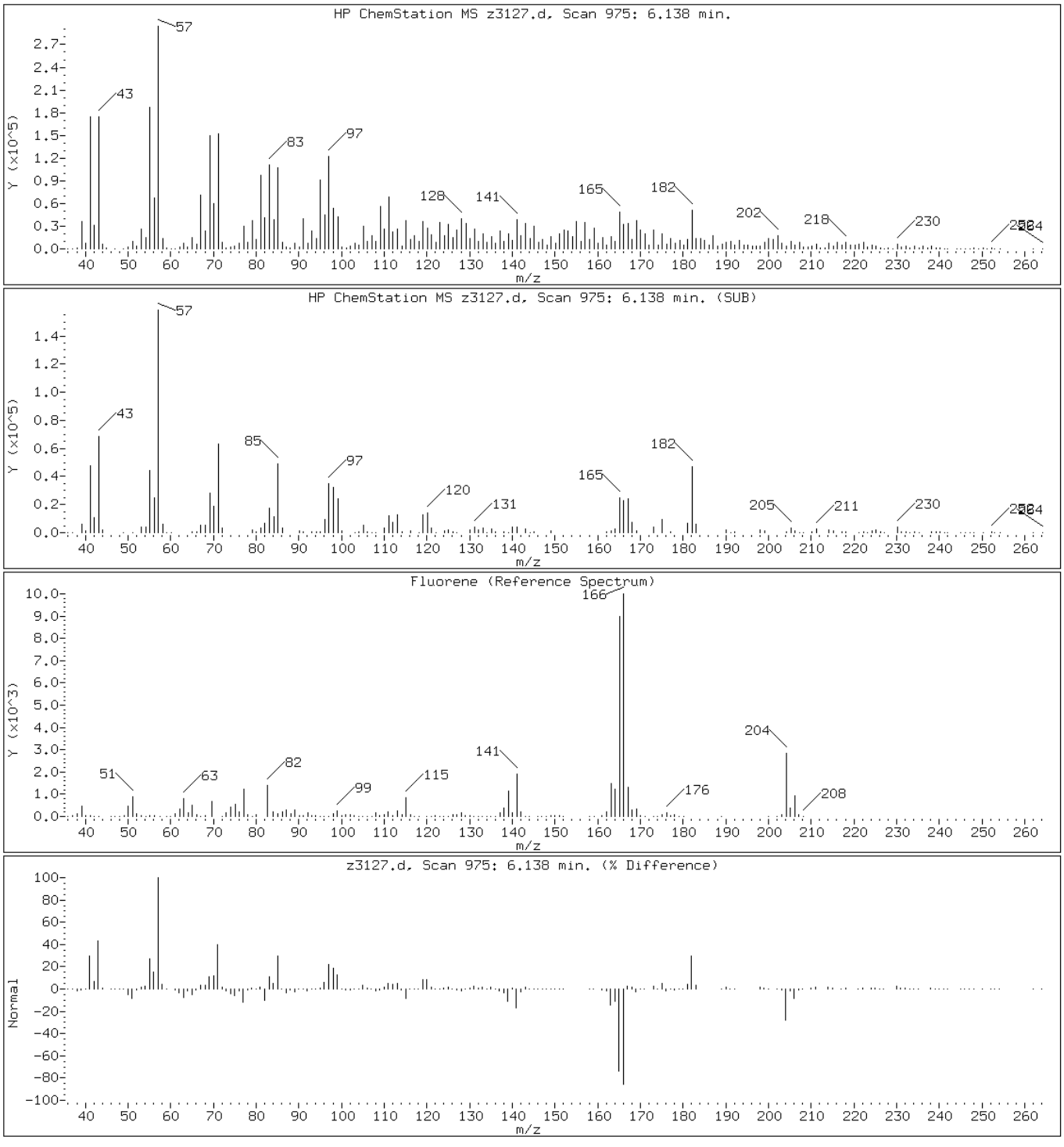
Client ID: PMP-17SE-WT

Instrument: BNAMS11.i

Sample Info: 460-62968-E-15-A

Operator: BNAMS 4

47 Fluorene



Data File: z3127.d

Date: 16-SEP-2013 05:34

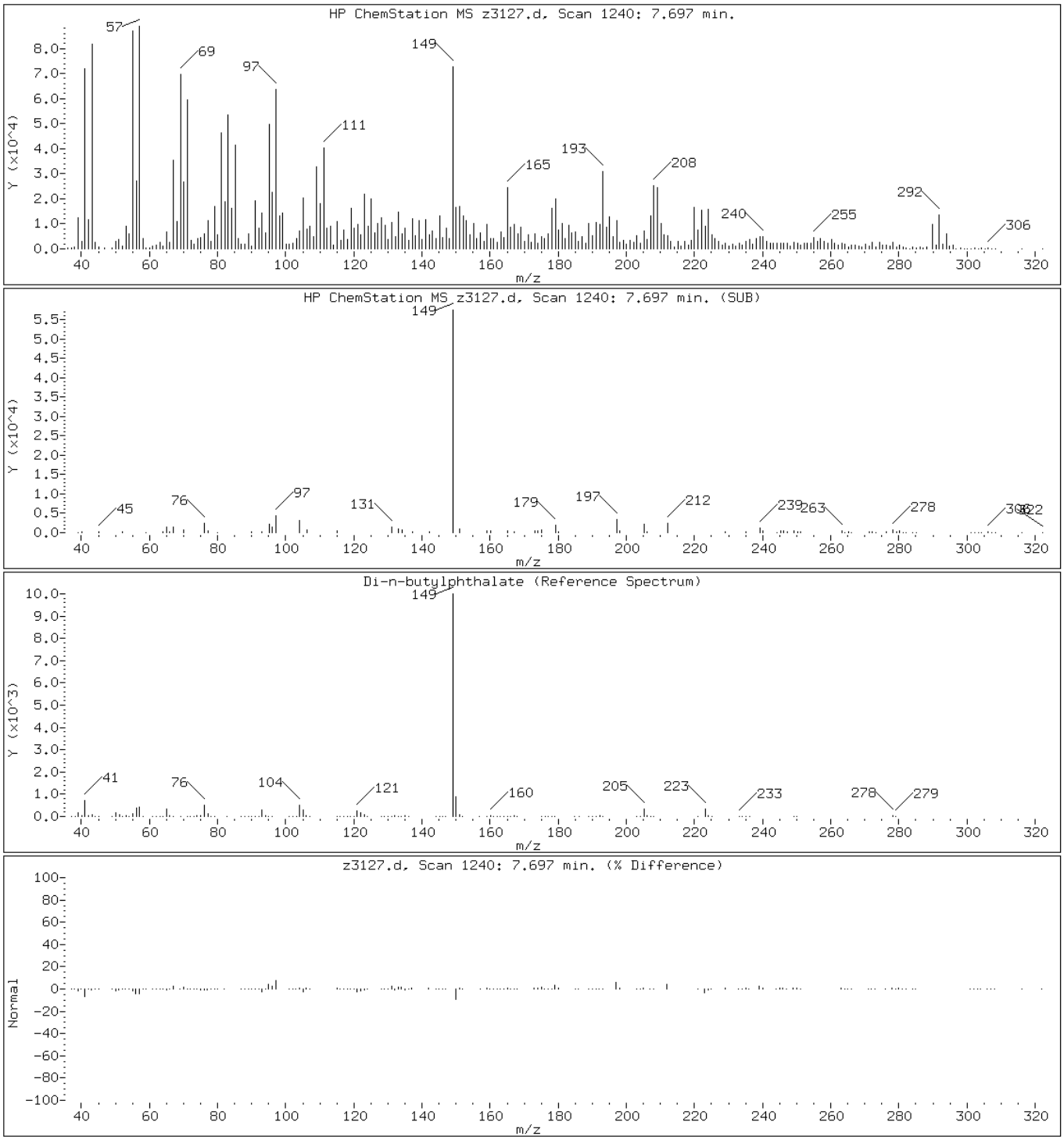
Client ID: PMP-17SE-WT

Instrument: BNAMS11.i

Sample Info: 460-62968-E-15-A

Operator: BNAMS 4

55 Di-n-butylphthalate



Data File: z3127.d

Date: 16-SEP-2013 05:34

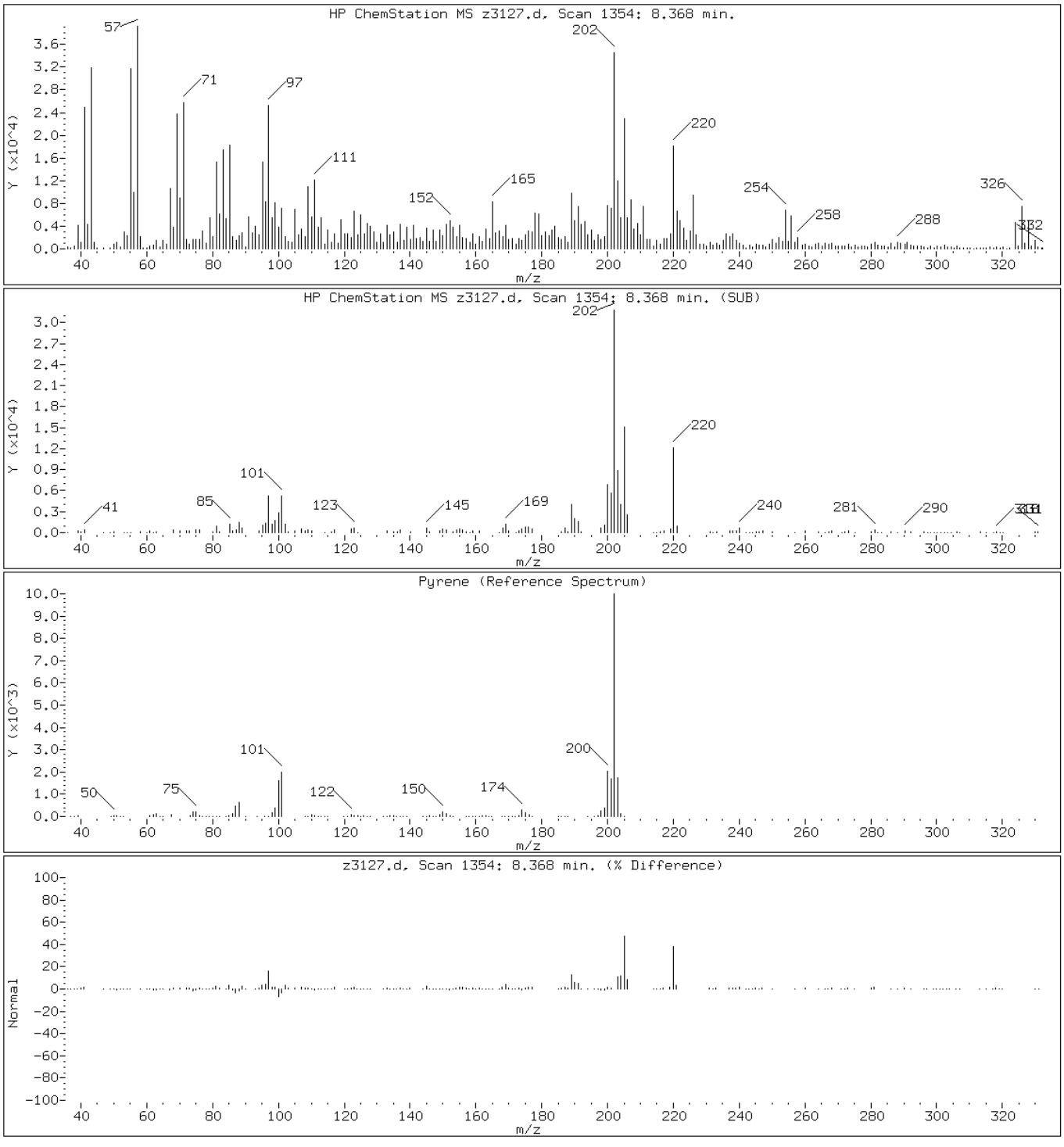
Client ID: PMP-17SE-WT

Instrument: BNAMS11.i

Sample Info: 460-62968-E-15-A

Operator: BNAMS 4

57 Pyrene



Data File: z3127.d

Date: 16-SEP-2013 05:34

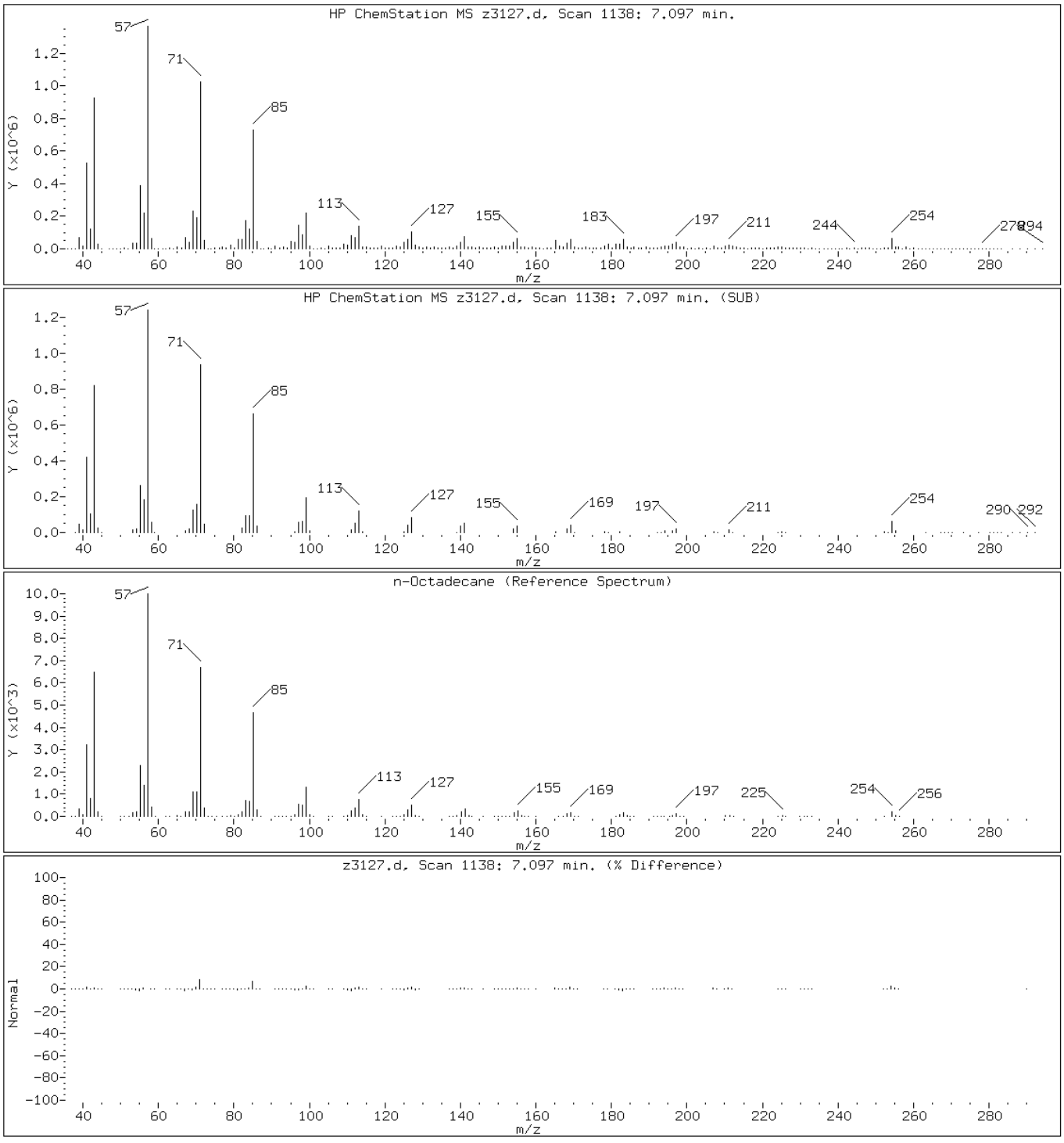
Client ID: PMP-17SE-WT

Instrument: BNAMS11.i

Sample Info: 460-62968-E-15-A

Operator: BNAMS 4

115 n-Octadecane



Data File: z3127.d

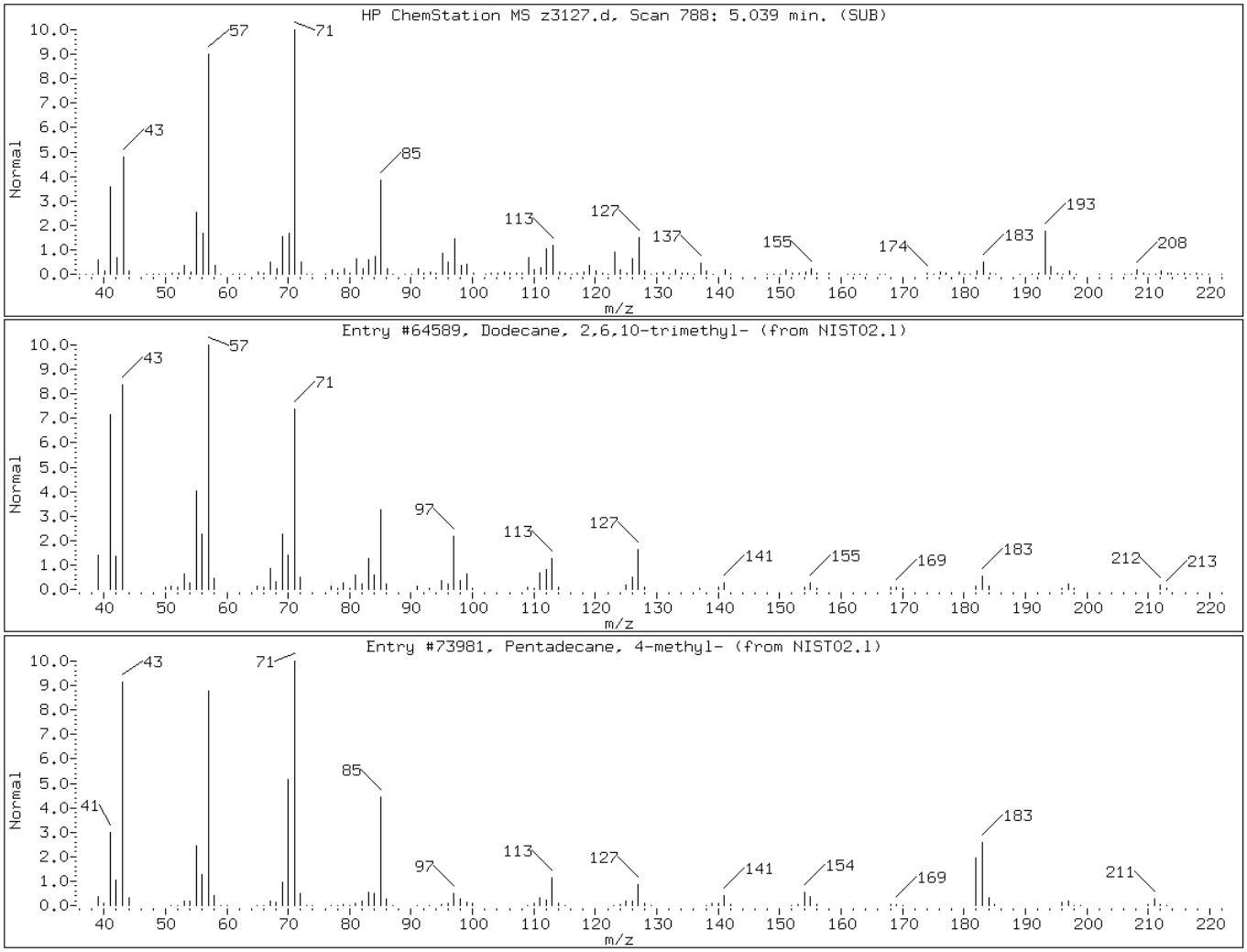
Date: 16-SEP-2013 05:34

Client ID: PMP-17SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-15-A Operator: BNAMS 4

Retention Time: 5.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64589	78	C15H32	212
Pentadecane, 4-methyl-	2801-87-8	NIST02.l	73981	64	C16H34	226



Data File: z3127.d

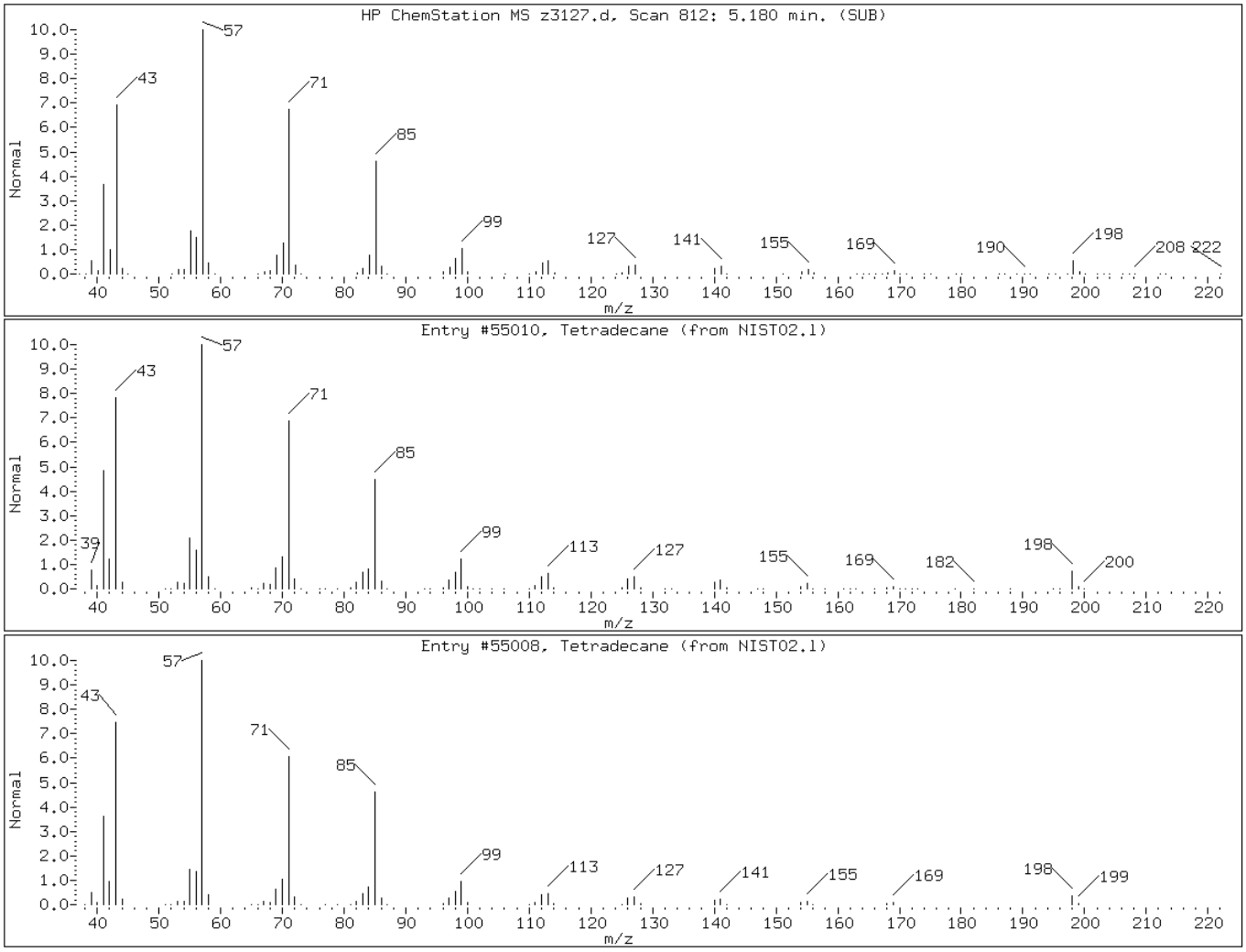
Date: 16-SEP-2013 05:34

Client ID: PMP-17SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-15-A Operator: BNAMS 4

Retention Time: 5.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Tetradecane	629-59-4	NIST02.l	55010	98	C14H30	198
Tetradecane	629-59-4	NIST02.l	55008	98	C14H30	198



Data File: z3127.d

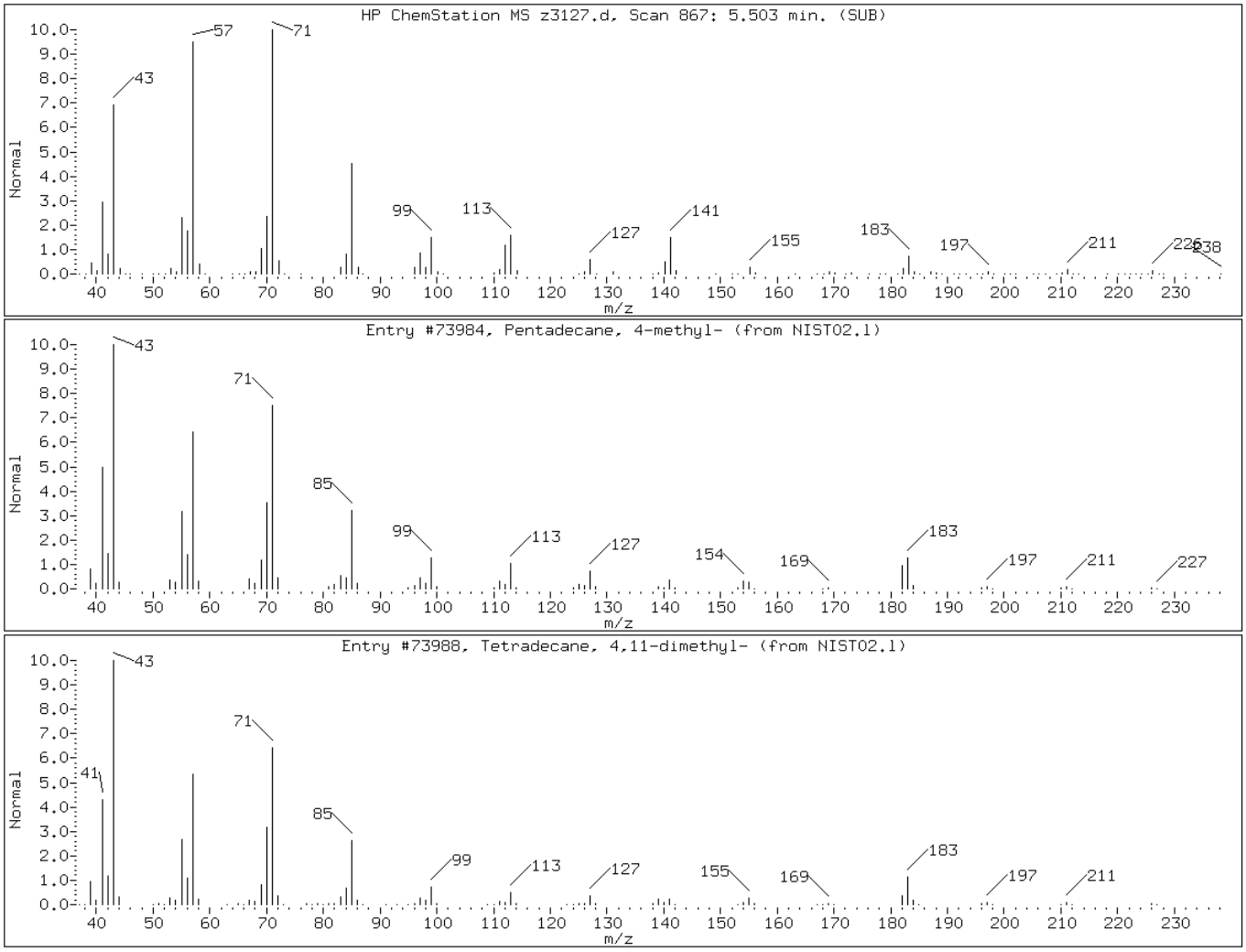
Date: 16-SEP-2013 05:34

Client ID: PMP-17SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-15-A Operator: BNAMS 4

Retention Time: 5.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Pentadecane, 4-methyl-	2801-87-8	NIST02.l	73984	81	C16H34	226
Tetradecane, 4,11-dimethyl-	55045-12-0	NIST02.l	73988	76	C16H34	226



Data File: z3127.d

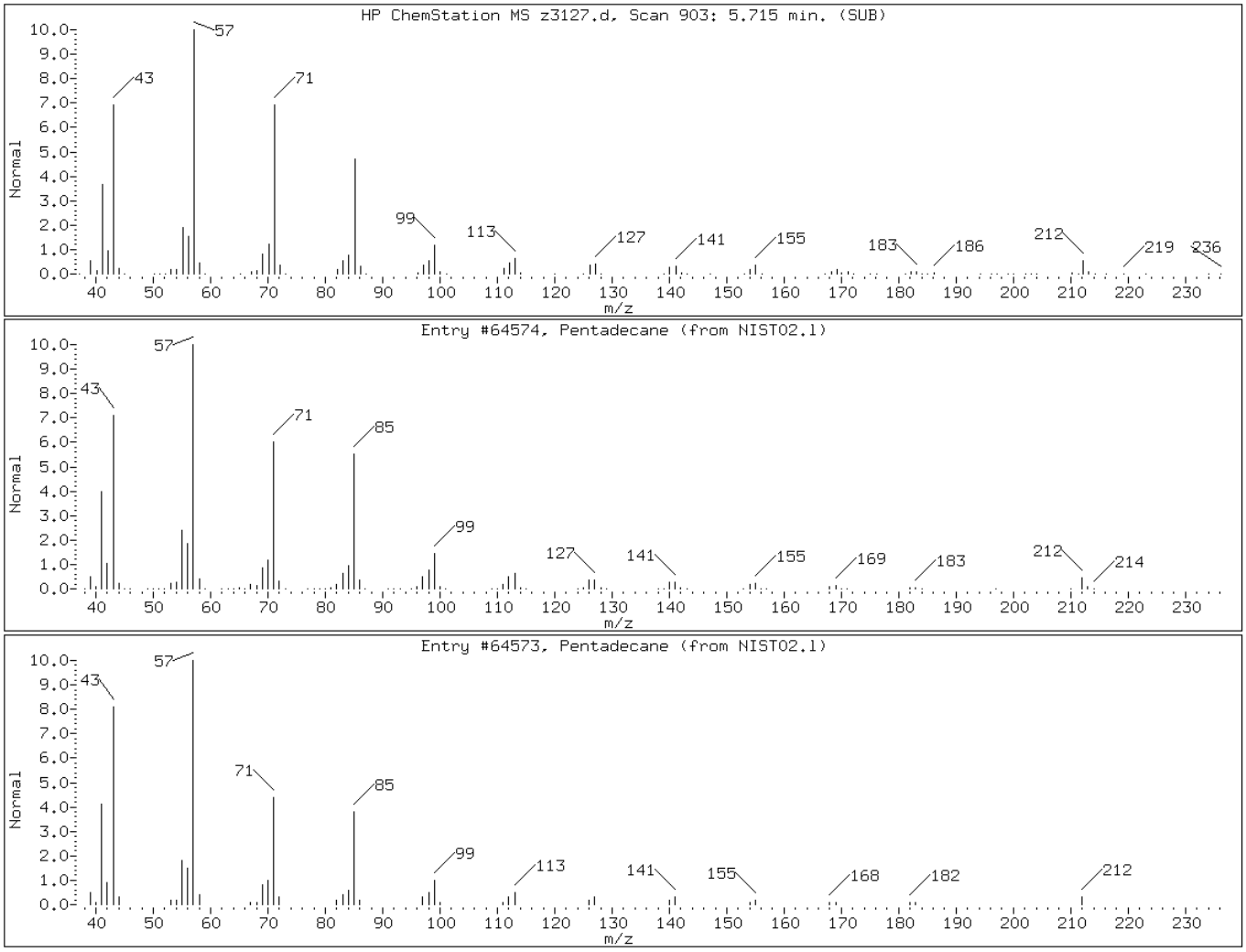
Date: 16-SEP-2013 05:34

Client ID: PMP-17SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-15-A Operator: BNAMS 4

Retention Time: 5.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Pentadecane	629-62-9	NIST02.l	64574	97	C15H32	212
Pentadecane	629-62-9	NIST02.l	64573	96	C15H32	212



Data File: z3127.d

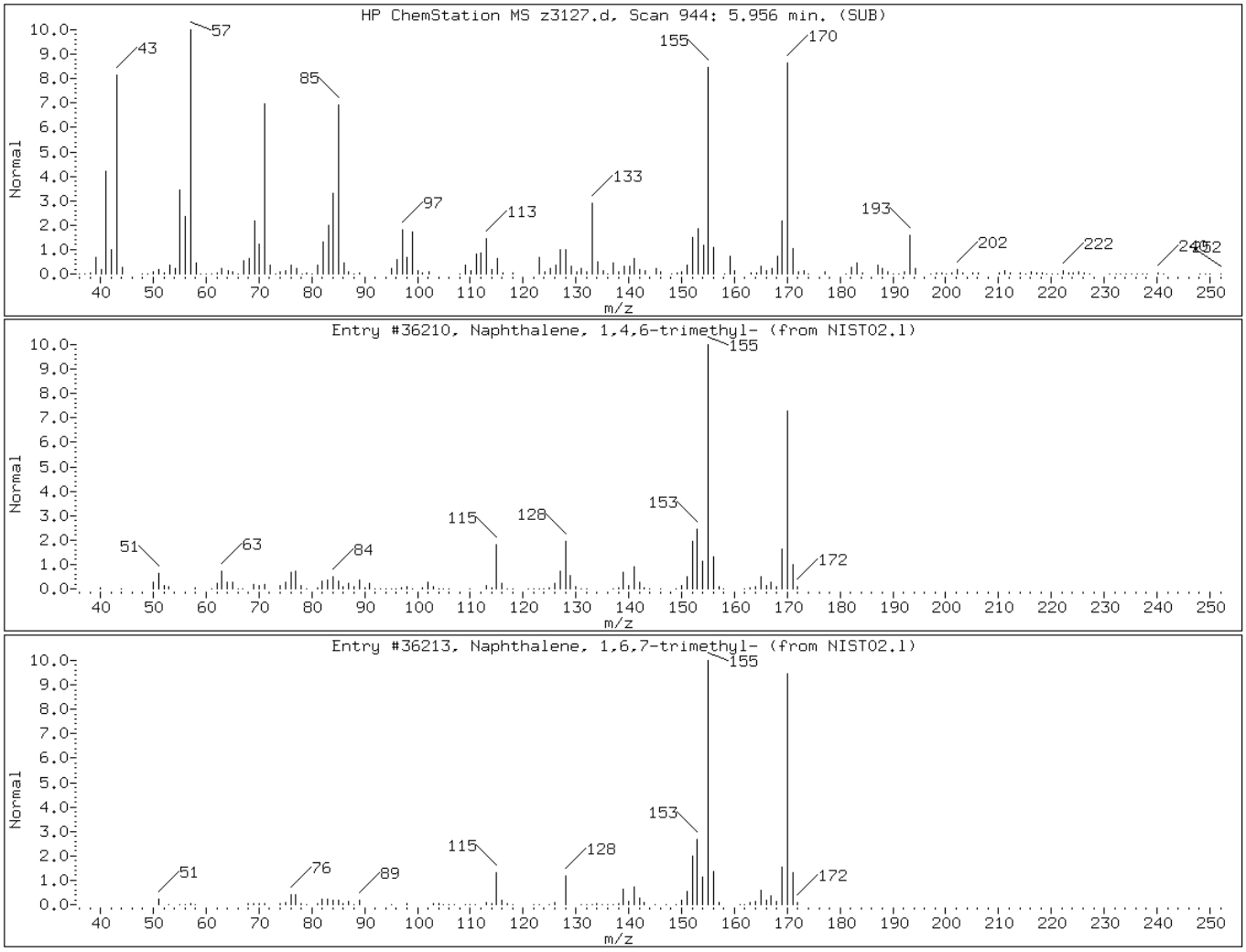
Date: 16-SEP-2013 05:34

Client ID: PMP-17SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-15-A Operator: BNAMS 4

Retention Time: 5.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36210	91	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36213	91	C13H14	170



Data File: z3127.d

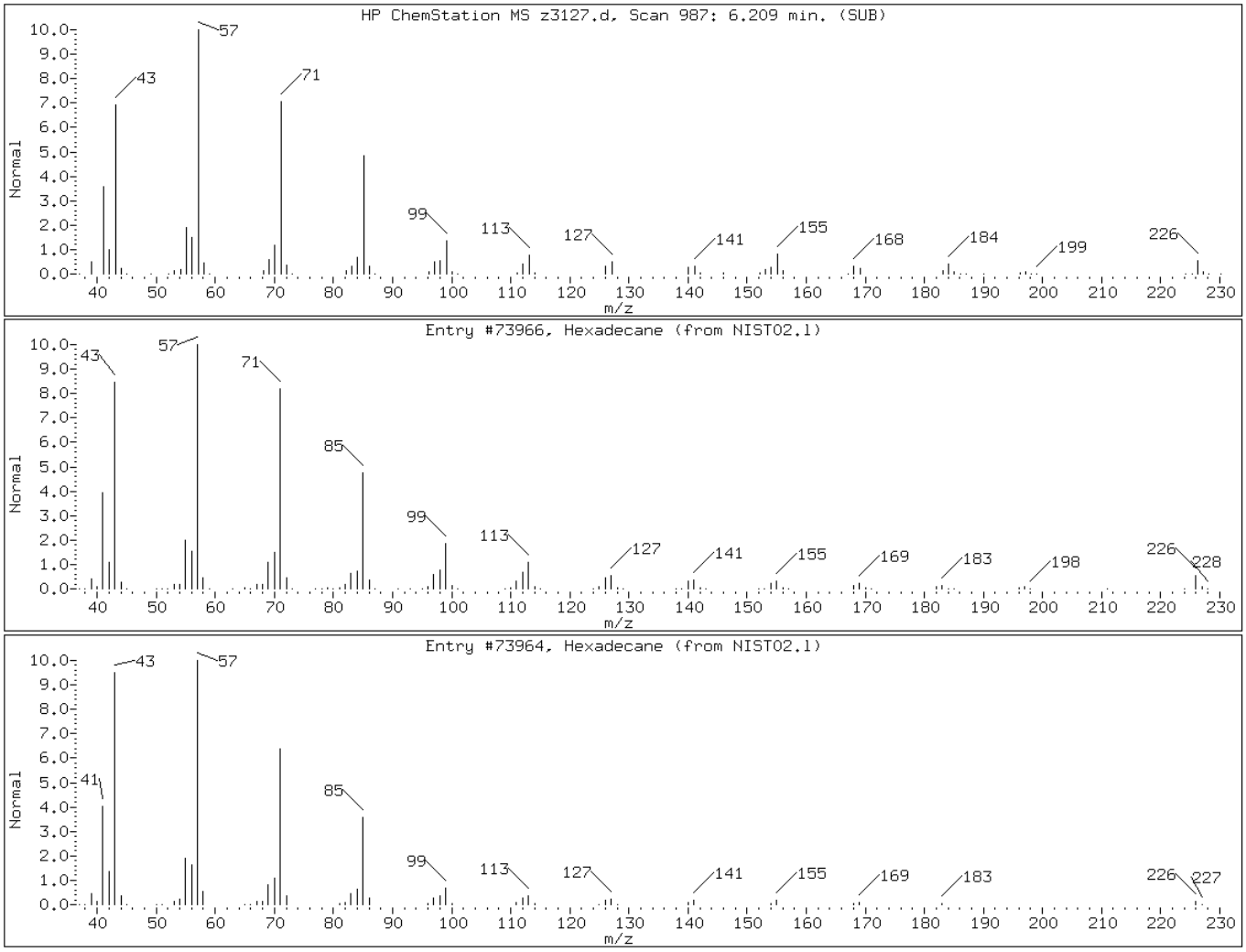
Date: 16-SEP-2013 05:34

Client ID: PMP-17SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-15-A Operator: BNAMS 4

Retention Time: 6.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Hexadecane	544-76-3	NIST02.l	73966	96	C16H34	226
Hexadecane	544-76-3	NIST02.l	73964	95	C16H34	226



Data File: z3127.d

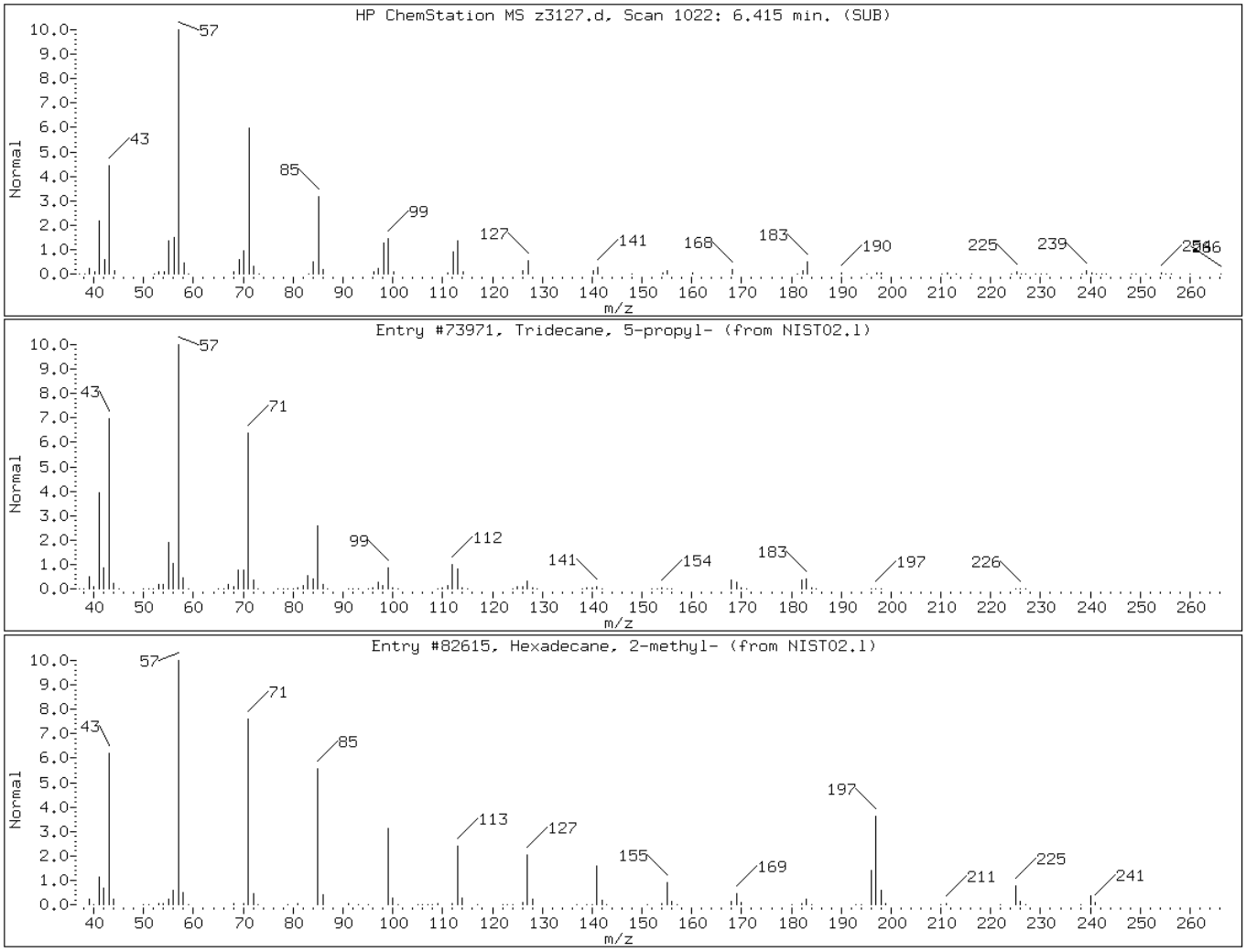
Date: 16-SEP-2013 05:34

Client ID: PMP-17SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-15-A Operator: BNAMS 4

Retention Time: 6.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	93	C16H34	226
Hexadecane, 2-methyl-	1560-92-5	NIST02.l	82615	87	C17H36	240



Data File: z3127.d

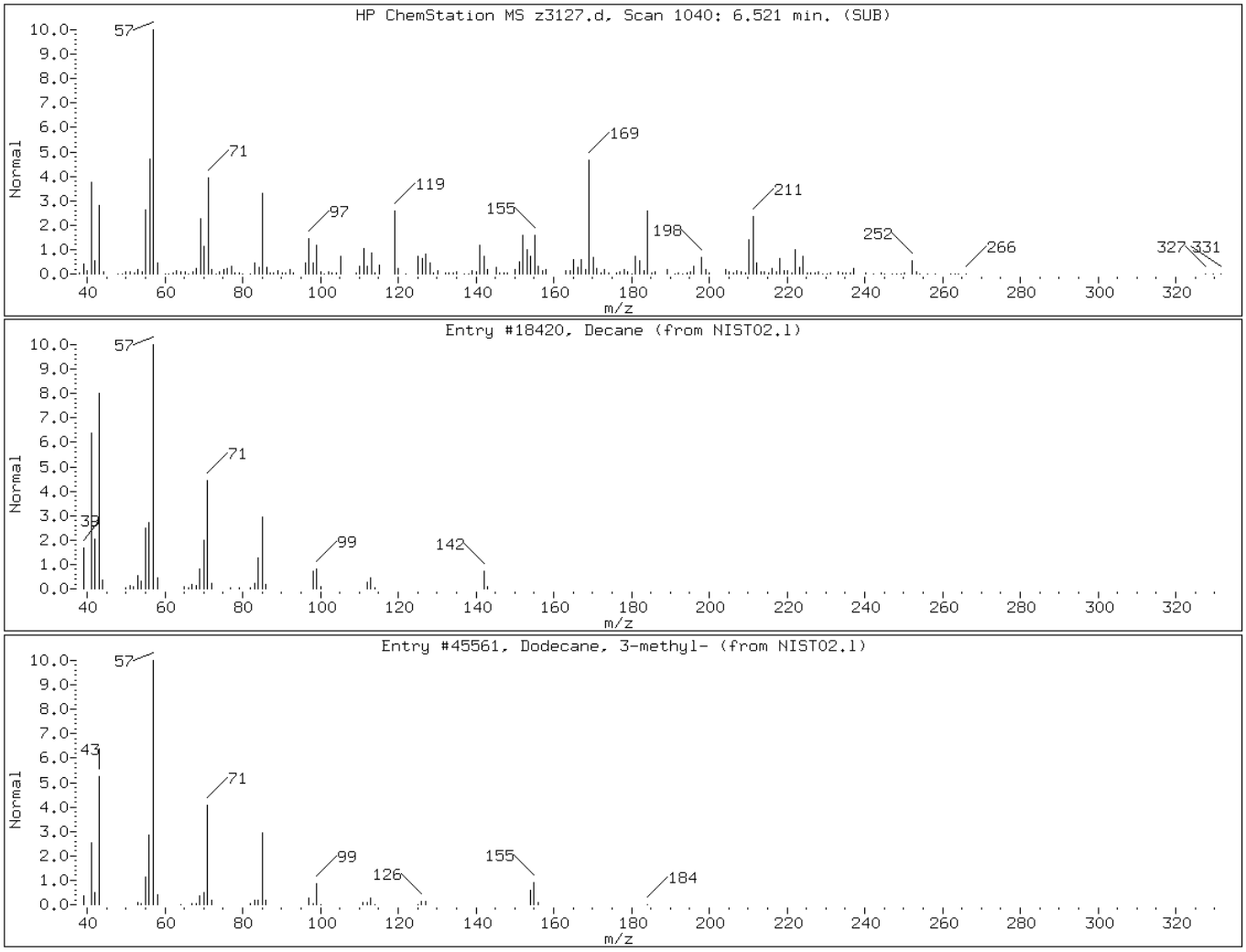
Date: 16-SEP-2013 05:34

Client ID: PMP-17SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-15-A Operator: BNAMS 4

Retention Time: 6.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Decane	124-18-5	NIST02.l	18420	25	C10H22	142
Dodecane, 3-methyl-	17312-57-1	NIST02.l	45561	22	C13H28	184



Data File: z3127.d

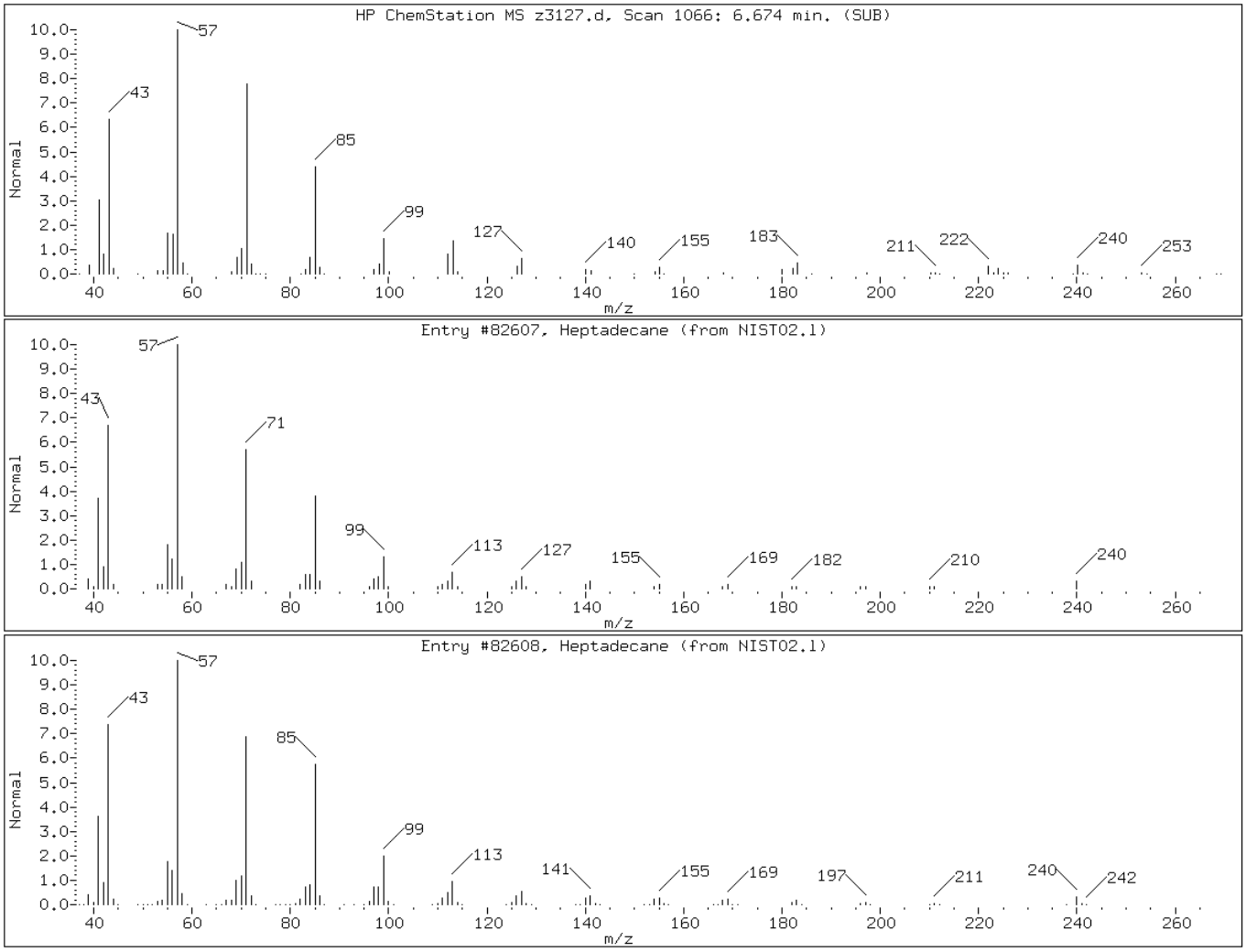
Date: 16-SEP-2013 05:34

Client ID: PMP-17SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-15-A Operator: BNAMS 4

Retention Time: 6.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Heptadecane	629-78-7	NIST02.l	82607	94	C17H36	240
Heptadecane	629-78-7	NIST02.l	82608	91	C17H36	240



Data File: z3127.d

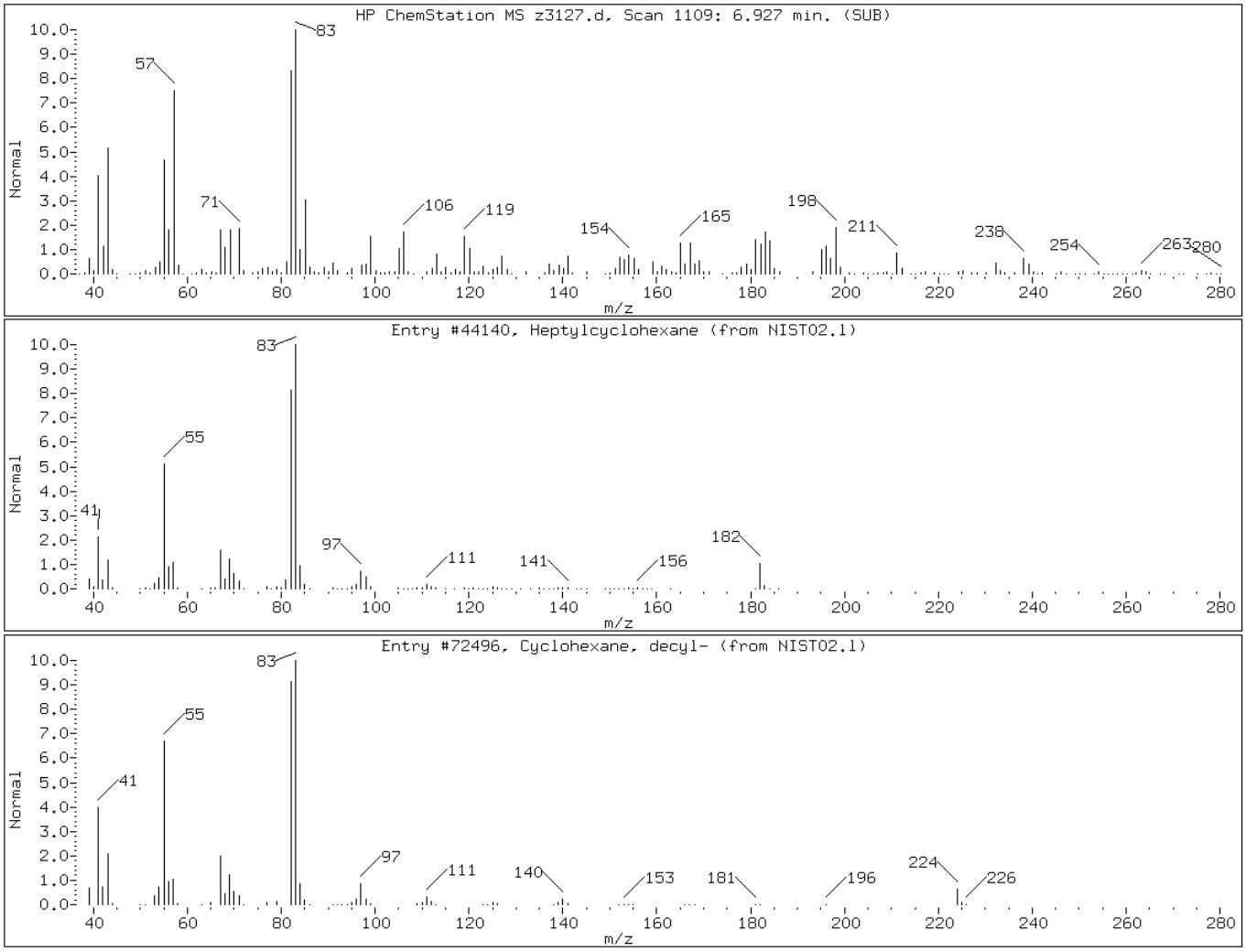
Date: 16-SEP-2013 05:34

Client ID: PMP-17SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-15-A Operator: BNAMS 4

Retention Time: 6.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-2						
Heptylcyclohexane	5617-41-4	NIST02.l	44140	52	C13H26	182
Cyclohexane, decyl-	1795-16-0	NIST02.l	72496	50	C16H32	224



Data File: z3127.d

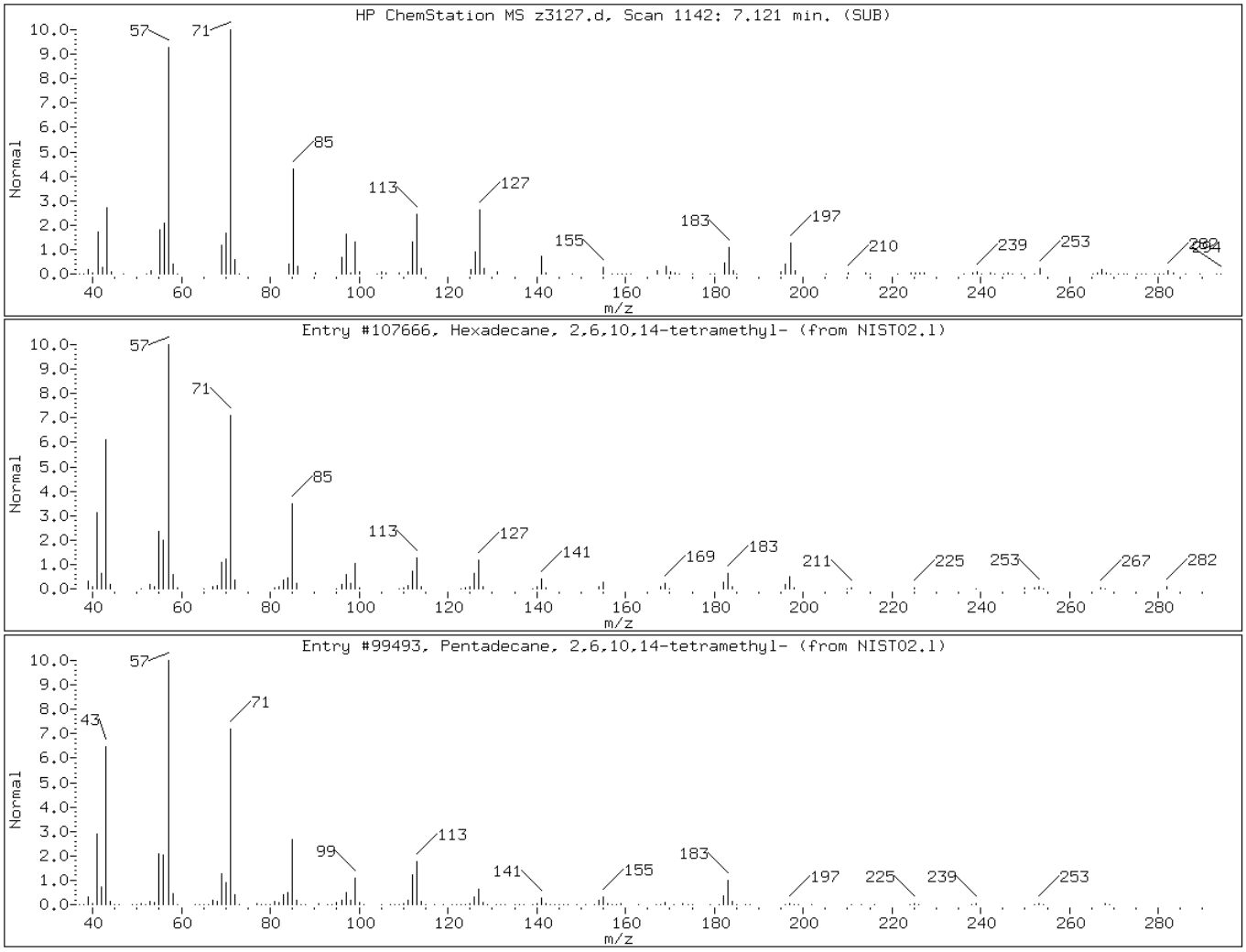
Date: 16-SEP-2013 05:34

Client ID: PMP-17SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-15-A Operator: BNAMS 4

Retention Time: 7.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	93	C20H42	282
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	86	C19H40	268



Data File: z3127.d

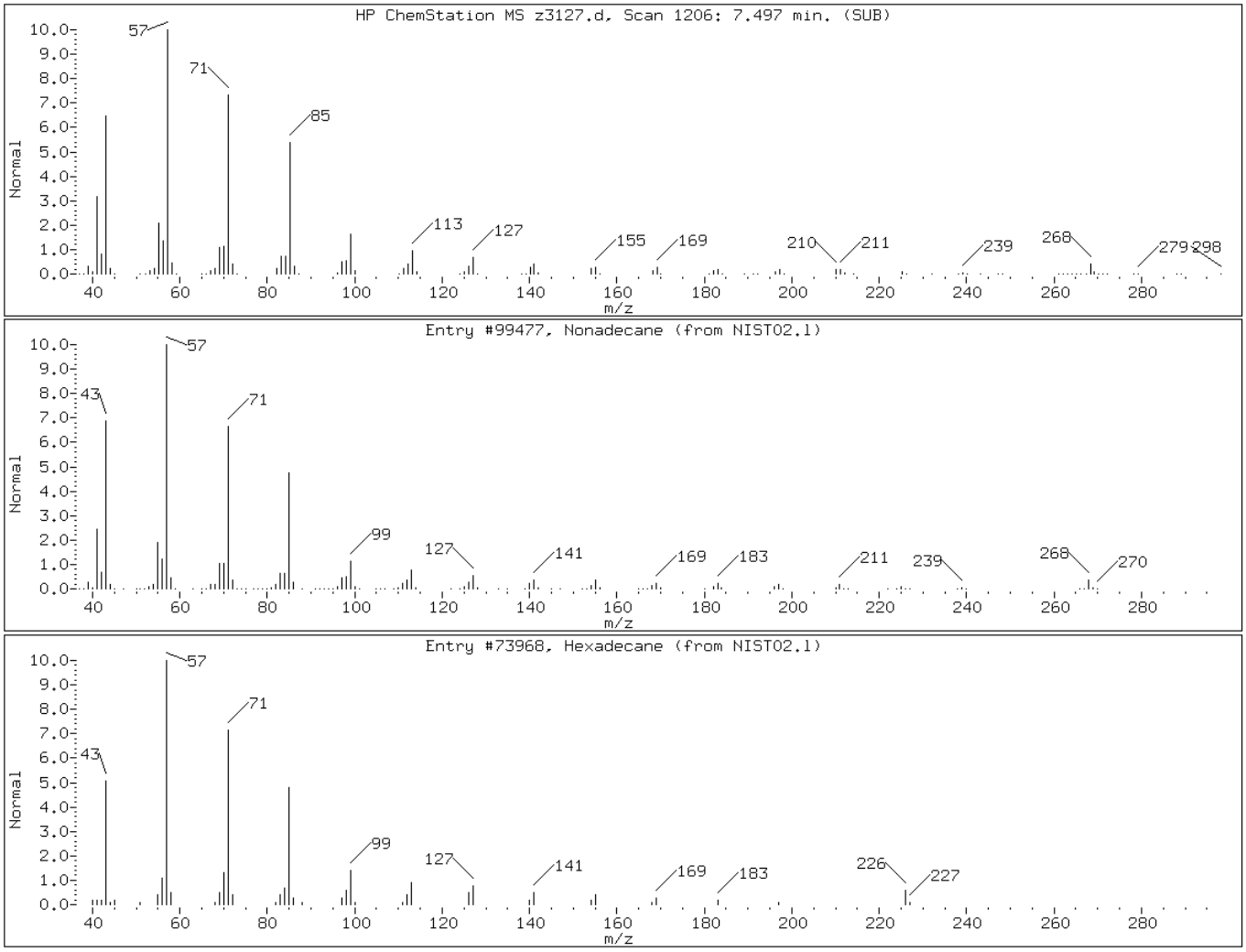
Date: 16-SEP-2013 05:34

Client ID: PMP-17SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-15-A Operator: BNAMS 4

Retention Time: 7.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Nonadecane	629-92-5	NIST02.l	99477	98	C19H40	268
Hexadecane	544-76-3	NIST02.l	73968	94	C16H34	226



Data File: z3127.d

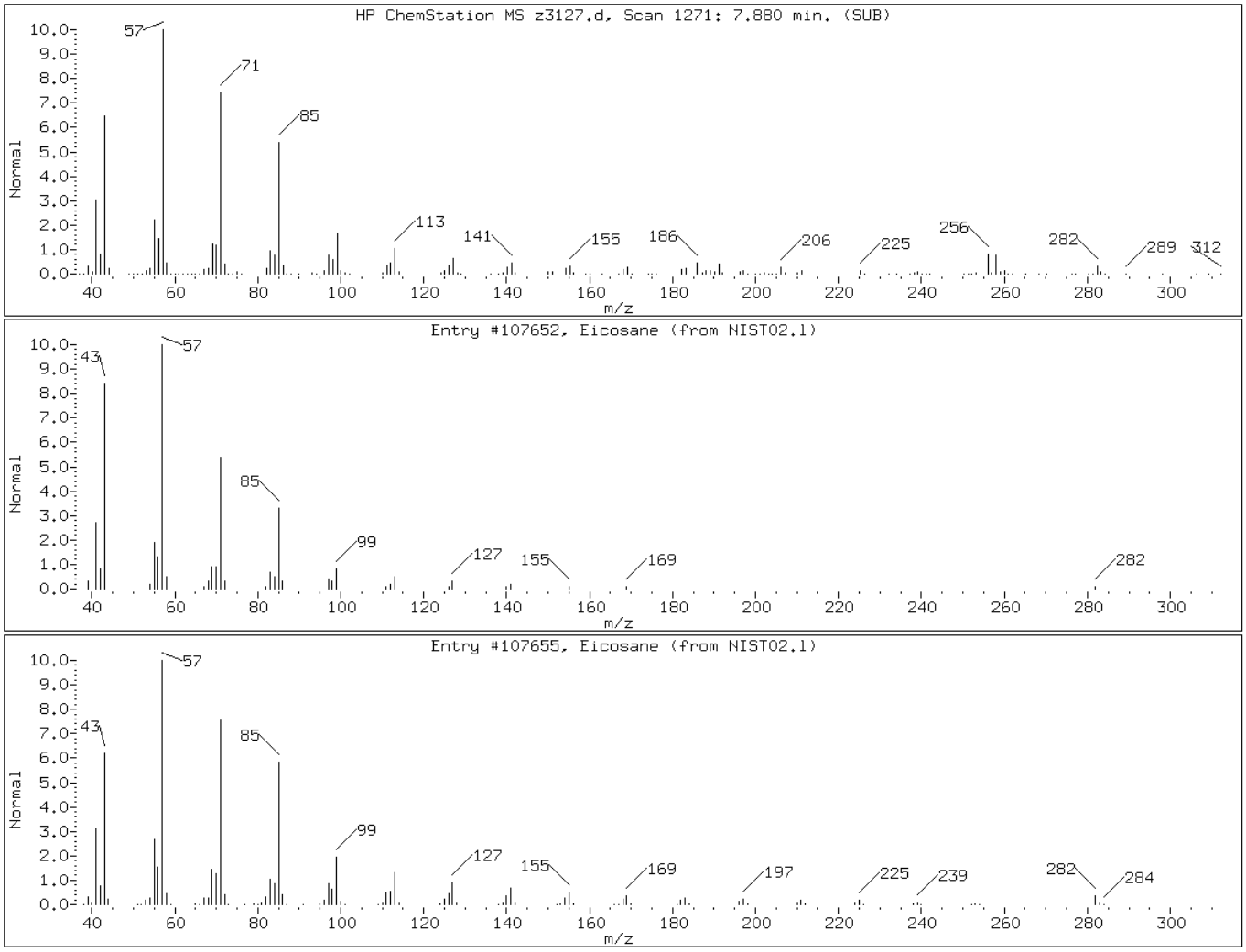
Date: 16-SEP-2013 05:34

Client ID: PMP-17SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-15-A Operator: BNAMS 4

Retention Time: 7.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Eicosane	112-95-8	NIST02.l	107652	98	C20H42	282
Eicosane	112-95-8	NIST02.l	107655	96	C20H42	282



Data File: z3127.d

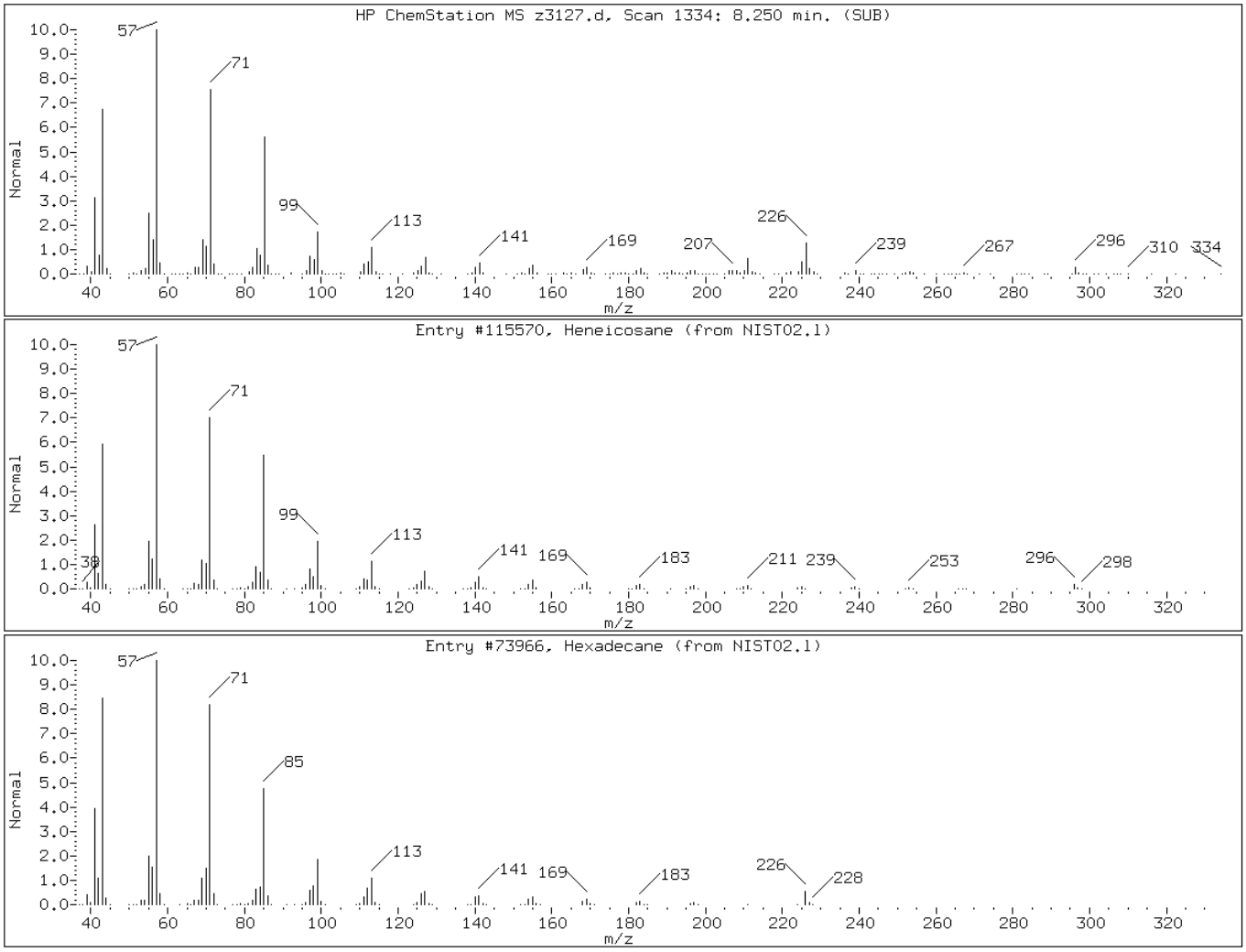
Date: 16-SEP-2013 05:34

Client ID: PMP-17SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-15-A Operator: BNAMS 4

Retention Time: 8.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-17						
Heneicosane	629-94-7	NIST02.l	115570	99	C21H44	296
Hexadecane	544-76-3	NIST02.l	73966	96	C16H34	226



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-SI | Lab Sample ID: 460-62968-16

Matrix: Solid | Lab File ID: z3118.d

Analysis Method: 8270C | Date Collected: 09/12/2013 11:05

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.03(g) | Date Analyzed: 09/16/2013 02:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | 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	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	5.3	U	39	5.3
108-60-1	2,2'-oxybis[1-chloropropane]	43	U	390	43
621-64-7	N-Nitrosodi-n-propylamine	6.5	U	39	6.5
98-95-3	Nitrobenzene	5.5	U	39	5.5
67-72-1	Hexachloroethane	4.3	U	39	4.3
78-59-1	Isophorone	47	U	390	47
88-75-5	2-Nitrophenol	43	U	390	43
105-67-9	2,4-Dimethylphenol	96	U	390	96
120-83-2	2,4-Dichlorophenol	57	U	390	57
111-91-1	Bis(2-chloroethoxy)methane	50	U	390	50
91-20-3	Naphthalene	45	U	390	45
106-47-8	4-Chloroaniline	100	U	390	100
87-68-3	Hexachlorobutadiene	9.5	U	79	9.5
105-60-2	Caprolactam	90	U	390	90
59-50-7	4-Chloro-3-methylphenol	59	U	390	59
91-57-6	2-Methylnaphthalene	50	U	390	50
118-74-1	Hexachlorobenzene	5.3	U	39	5.3
77-47-4	Hexachlorocyclopentadiene	46	U	390	46
88-06-2	2,4,6-Trichlorophenol	46	U	390	46
95-95-4	2,4,5-Trichlorophenol	50	U	390	50
92-52-4	Diphenyl	52	U	390	52
91-58-7	2-Chloronaphthalene	43	U	390	43
88-74-4	2-Nitroaniline	160	U	790	160
606-20-2	2,6-Dinitrotoluene	12	U	79	12
131-11-3	Dimethyl phthalate	46	U	390	46
208-96-8	Acenaphthylene	46	U	390	46
99-09-2	3-Nitroaniline	140	U	790	140
83-32-9	Acenaphthene	57	U	390	57

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-SI | Lab Sample ID: 460-62968-16

Matrix: Solid | Lab File ID: z3118.d

Analysis Method: 8270C | Date Collected: 09/12/2013 11:05

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.03(g) | Date Analyzed: 09/16/2013 02:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	1200	250
51-28-5	2,4-Dinitrophenol	220	U	1200	220
132-64-9	Dibenzofuran	46	U	390	46
84-66-2	Diethyl phthalate	46	U	390	46
86-73-7	Fluorene	50	U	390	50
206-44-0	Fluoranthene	52	U	390	52
84-74-2	Di-n-butyl phthalate	48	U	390	48
121-14-2	2,4-Dinitrotoluene	13	U	79	13
7005-72-3	4-Chlorophenyl phenyl ether	46	U	390	46
100-01-6	4-Nitroaniline	120	U	790	120
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	39	U	390	39
1912-24-9	Atrazine	60	U	390	60
120-12-7	Anthracene	47	U	390	47
86-74-8	Carbazole	46	U	390	46
85-01-8	Phenanthrene	50	U	390	50
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	33	U	390	33
218-01-9	Chrysene	45	U	390	45
207-08-9	Benzo[k]fluoranthene	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	38	U	390	38
85-68-7	Butyl benzyl phthalate	36	U	390	36
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	390	130
117-84-0	Di-n-octyl phthalate	25	U	390	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.2	U	39	7.2
53-70-3	Dibenz(a,h)anthracene	4.9	U	39	4.9
91-94-1	3,3'-Dichlorobenzidine	140	U	790	140
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	390	52
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	390	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-SI Lab Sample ID: 460-62968-16

Matrix: Solid Lab File ID: z3118.d

Analysis Method: 8270C Date Collected: 09/12/2013 11:05

Extract. Method: 3541 Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.03(g) Date Analyzed: 09/16/2013 02:35

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 15.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	80		38-105
4165-62-2	Phenol-d5	79		41-118
1718-51-0	Terphenyl-d14	93		16-151
118-79-6	2,4,6-Tribromophenol	80		10-120
367-12-4	2-Fluorophenol	76		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-SI | Lab Sample ID: 460-62968-16

Matrix: Solid | Lab File ID: z3118.d

Analysis Method: 8270C | Date Collected: 09/12/2013 11:05

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.03(g) | Date Analyzed: 09/16/2013 02:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | Units: ug/Kg

Number TICs Found: 2 | TIC Result Total: 1330

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane	6.63	400	J
10544-50-0	Cyclic octaatomic sulfur	8.13	930	J N

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3118.d
Report Date: 16-Sep-2013 11:36

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3118.d
Lab Smp Id: 460-62968-E-16-A Client Smp ID: PMP-17SE-SI
Inj Date : 16-SEP-2013 02:35
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62968-E-16-A
Misc Info : 460-62968-E-16-A
Comment   :
Method   : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/8270C_11.m
Meth Date : 15-Sep-2013 18:43 czhao Quant Type: ISTD
Cal Date : 06-SEP-2013 18:21 Cal File: z26655.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	15.03000	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	1.468	1.433	(0.586)	1182851	76.4939	5100
$ 17 Phenol-d5 (SUR)	99	2.268	2.274	(0.906)	1493444	78.7892	5200
* 79 1,4-Dichlorobenzene-d4	152	2.503	2.509	(1.000)	474014	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.080	3.097	(0.804)	729800	40.1214	2700
* 80 Naphthalene-d8	136	3.833	3.844	(1.000)	1782629	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	4.980	4.985	(0.891)	1245589	39.7578	2600
* 82 Acenaphthene-d10	164	5.592	5.597	(1.000)	875533	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.362	6.368	(1.138)	311831	79.7798	5300
115 n-Octadecane	57	7.056	7.062	(1.008)	34382	2.25758	150(a)
* 83 Phenanthrene-d10	188	7.003	7.009	(1.000)	1130334	40.0000	
$ 78 Terphenyl-d14	244	8.574	8.573	(0.901)	715695	46.6706	3100
* 81 Chrysene-d12	240	9.515	9.520	(1.000)	503258	40.0000	
* 84 Perylene-d12	264	10.844	10.850	(1.000)	317903	40.0000	

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3118.d
Report Date: 16-Sep-2013 11:36

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: z3118.d

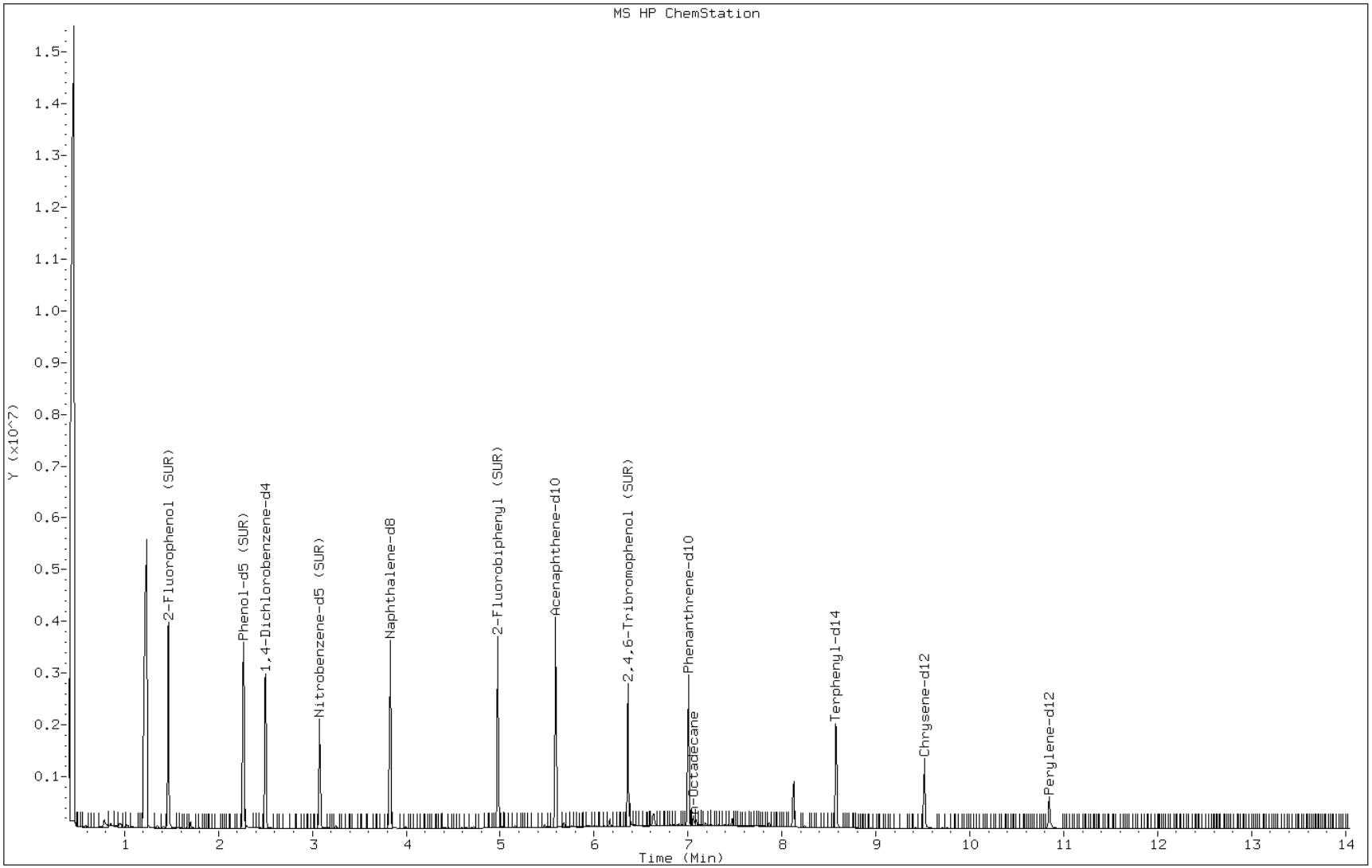
Date: 16-SEP-2013 02:35

Client ID: PMP-17SE-SI

Instrument: BNAMS11.i

Sample Info: 460-62968-E-16-A

Operator: BNAMS 4



Data File: z3118.d

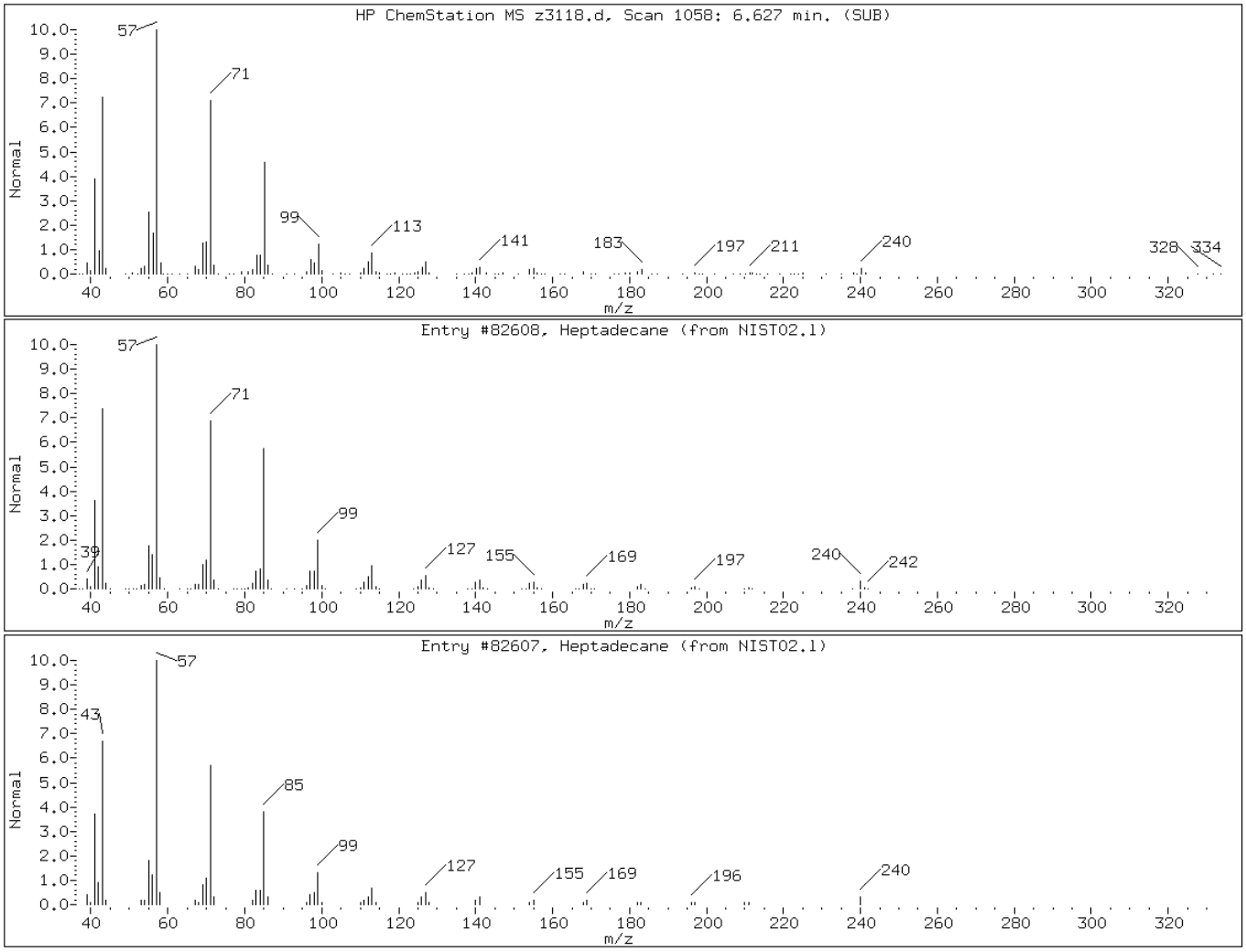
Date: 16-SEP-2013 02:35

Client ID: PMP-17SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-16-A Operator: BNAMS 4

Retention Time: 6.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Heptadecane	629-78-7	NIST02.l	82608	96	C17H36	240
Heptadecane	629-78-7	NIST02.l	82607	93	C17H36	240



Data File: z3118.d

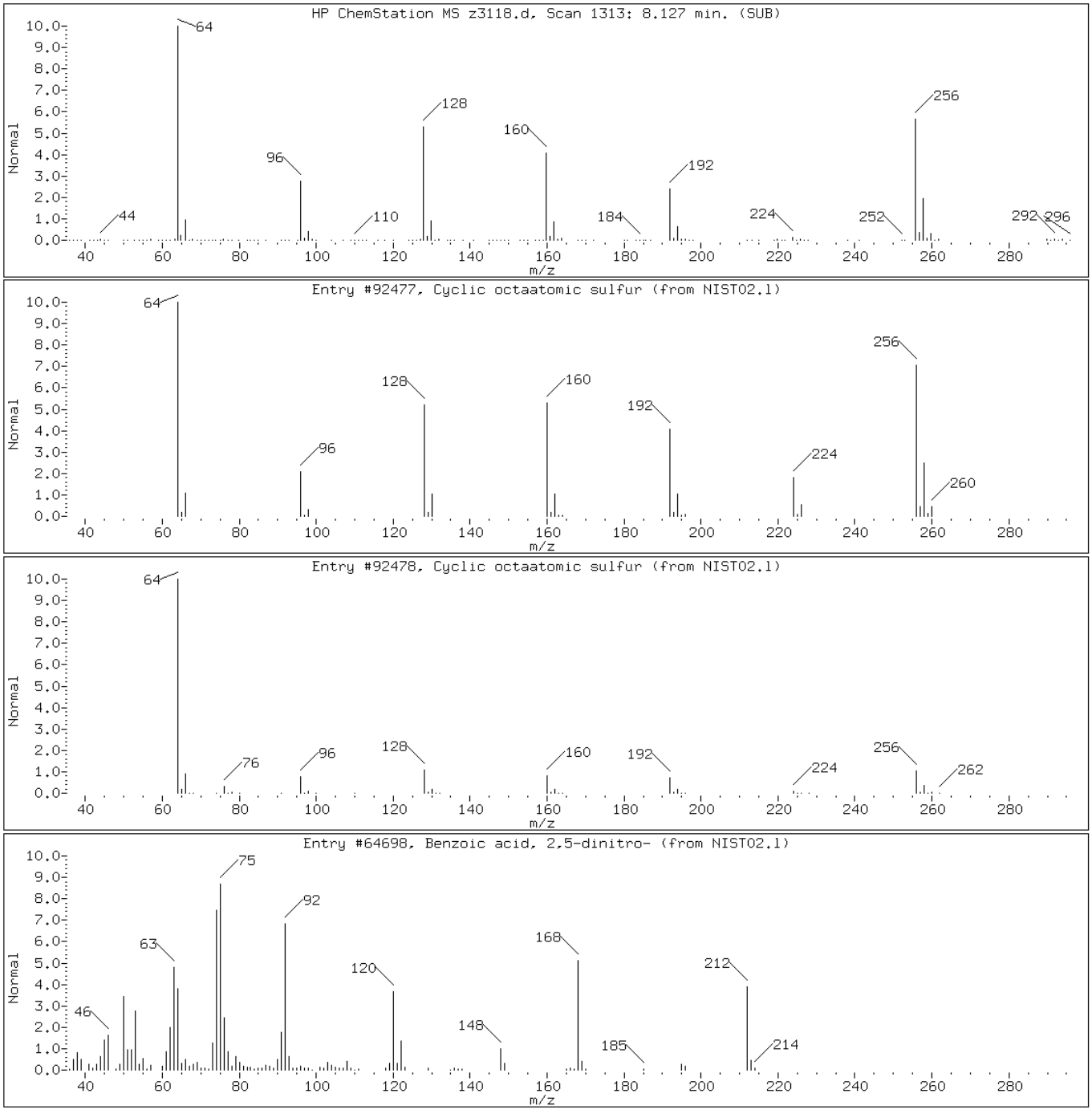
Date: 16-SEP-2013 02:35

Client ID: PMP-17SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-16-A Operator: BNAMS 4

Retention Time: 8.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic octaatomic sulfur	10544-50-0	NIST02.l	92477	95	S8	256
Cyclic octaatomic sulfur	10544-50-0	NIST02.l	92478	91	S8	256
Benzoic acid, 2,5-dinitro-	610-28-6	NIST02.l	64698	47	C7H4N2O6	212



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-VD | Lab Sample ID: 460-62968-17

Matrix: Solid | Lab File ID: z3114.d

Analysis Method: 8270C | Date Collected: 09/12/2013 11:30

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.01(g) | Date Analyzed: 09/16/2013 01:15

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.: 181524 | 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	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-VD | Lab Sample ID: 460-62968-17

Matrix: Solid | Lab File ID: z3114.d

Analysis Method: 8270C | Date Collected: 09/12/2013 11:30

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.01(g) | Date Analyzed: 09/16/2013 01:15

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.: 181524 | 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	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-VD | Lab Sample ID: 460-62968-17

Matrix: Solid | Lab File ID: z3114.d

Analysis Method: 8270C | Date Collected: 09/12/2013 11:30

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.01(g) | Date Analyzed: 09/16/2013 01:15

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.: 181524 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	78		38-105
4165-62-2	Phenol-d5	78		41-118
1718-51-0	Terphenyl-d14	93		16-151
118-79-6	2,4,6-Tribromophenol	73		10-120
367-12-4	2-Fluorophenol	74		37-125
321-60-8	2-Fluorobiphenyl	76		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-VD Lab Sample ID: 460-62968-17

Matrix: Solid Lab File ID: z3114.d

Analysis Method: 8270C Date Collected: 09/12/2013 11:30

Extract. Method: 3541 Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.01(g) Date Analyzed: 09/16/2013 01:15

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.: 181524 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/8270/09-06-13/15sep13.b/z3114.d
Report Date: 16-Sep-2013 11:08

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3114.d
Lab Smp Id: 460-62968-E-17-A Client Smp ID: PMP-16SE-VD
Inj Date : 16-SEP-2013 01:15
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62968-E-17-A
Misc Info : 460-62968-E-17-A
Comment   :
Method   : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/8270C_11.m
Meth Date : 15-Sep-2013 18:43 czhao Quant Type: ISTD
Cal Date : 06-SEP-2013 18:21 Cal File: z26655.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	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	1.468	1.433	(0.586)	1142125	74.1872	4900
$ 17 Phenol-d5 (SUR)	99	2.268	2.274	(0.906)	1462886	77.5187	5200
* 79 1,4-Dichlorobenzene-d4	152	2.503	2.509	(1.000)	471925	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.080	3.097	(0.804)	719834	39.2104	2600
* 80 Naphthalene-d8	136	3.833	3.844	(1.000)	1799138	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	4.980	4.985	(0.891)	1209782	37.9500	2500
* 82 Acenaphthene-d10	164	5.591	5.597	(1.000)	890872	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.362	6.368	(1.138)	289207	72.7176	4800
* 83 Phenanthrene-d10	188	7.003	7.009	(1.000)	1191849	40.0000	
$ 78 Terphenyl-d14	244	8.574	8.573	(0.901)	720267	46.4764	3100
* 81 Chrysene-d12	240	9.515	9.520	(1.000)	508589	40.0000	
* 84 Perylene-d12	264	10.844	10.850	(1.000)	320186	40.0000	

Data File: z3114.d

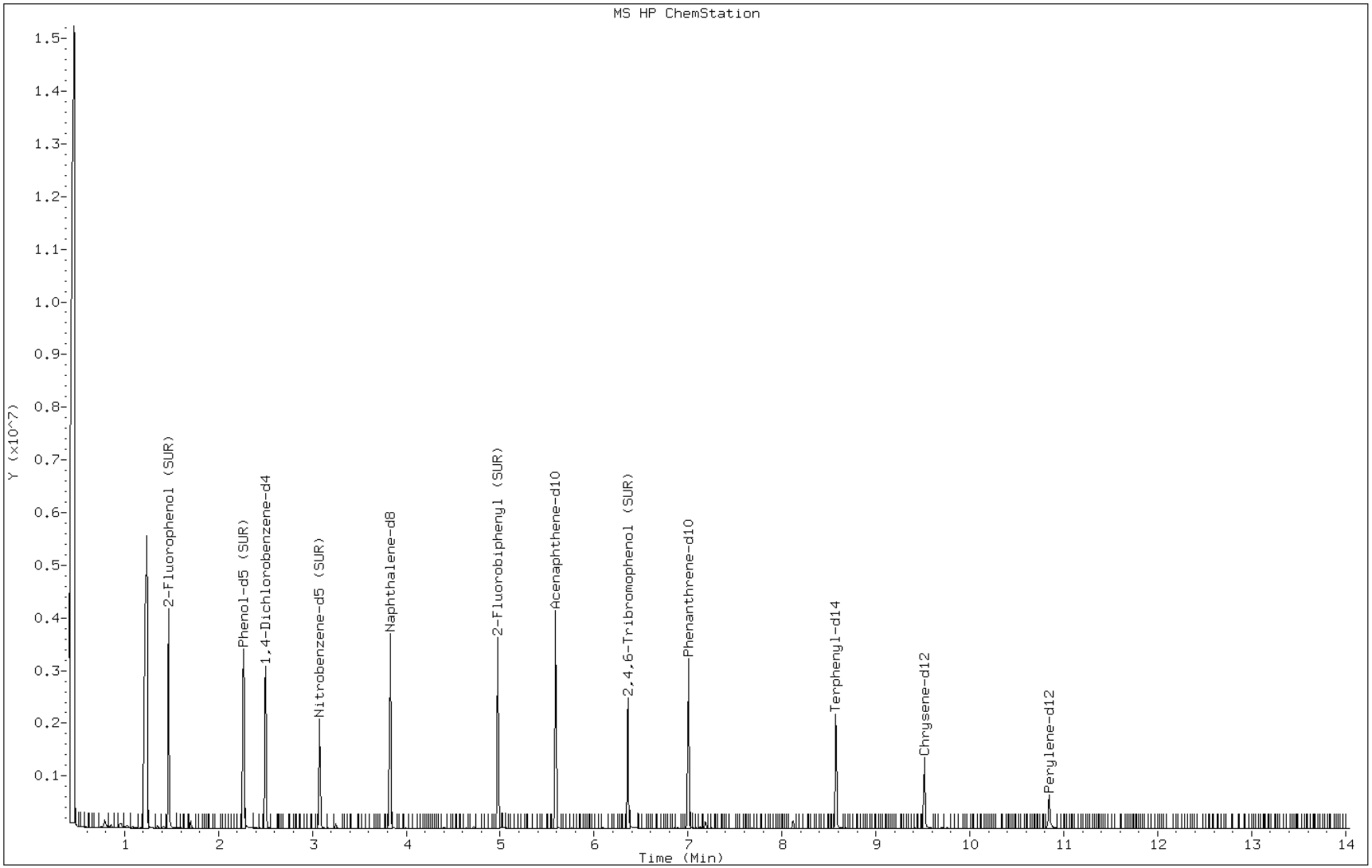
Date: 16-SEP-2013 01:15

Client ID: PMP-16SE-VD

Instrument: BNAMS11.i

Sample Info: 460-62968-E-17-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-WT | Lab Sample ID: 460-62968-18

Matrix: Solid | Lab File ID: z3124.d

Analysis Method: 8270C | Date Collected: 09/12/2013 11:35

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.00(g) | Date Analyzed: 09/16/2013 04:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | 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	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
105-60-2	Caprolactam	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	5.2	U	38	5.2
77-47-4	Hexachlorocyclopentadiene	45	U	380	45
88-06-2	2,4,6-Trichlorophenol	45	U	380	45
95-95-4	2,4,5-Trichlorophenol	50	U	380	50
92-52-4	Diphenyl	51	U	380	51
91-58-7	2-Chloronaphthalene	43	U	380	43
88-74-4	2-Nitroaniline	160	U	780	160
606-20-2	2,6-Dinitrotoluene	12	U	78	12
131-11-3	Dimethyl phthalate	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-WT | Lab Sample ID: 460-62968-18

Matrix: Solid | Lab File ID: z3124.d

Analysis Method: 8270C | Date Collected: 09/12/2013 11:35

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.00(g) | Date Analyzed: 09/16/2013 04:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | 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	270	J	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	190	J	380	32
218-01-9	Chrysene	45	U	380	45
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.7	U	38	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	380	38
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	25	U	380	25
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-WT | Lab Sample ID: 460-62968-18

Matrix: Solid | Lab File ID: z3124.d

Analysis Method: 8270C | Date Collected: 09/12/2013 11:35

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.00(g) | Date Analyzed: 09/16/2013 04:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	84		38-105
4165-62-2	Phenol-d5	83		41-118
1718-51-0	Terphenyl-d14	80		16-151
118-79-6	2,4,6-Tribromophenol	84		10-120
367-12-4	2-Fluorophenol	79		37-125
321-60-8	2-Fluorobiphenyl	90		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-WT | Lab Sample ID: 460-62968-18

Matrix: Solid | Lab File ID: z3124.d

Analysis Method: 8270C | Date Collected: 09/12/2013 11:35

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.00(g) | Date Analyzed: 09/16/2013 04:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 57500

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	5.03	3300	J
	Unknown Alkane-3	5.49	5000	J
	Unknown Alkane-4	5.67	2100	J
	Unknown Alkane-5	5.74	3400	J
	Trimethylnaphthalene isomer-1	5.84	2000	J
	Trimethylnaphthalene isomer-2	5.87	2000	J
	Unknown Alkane-6	5.95	3200	J
54774-89-9	Naphthalene, 2-methyl-1-propyl-	6.20	2200	J N
	Unknown Alkane-9	6.41	10000	J
	Unknown Alkane-10	6.67	12000	J
612-75-9	3,3'-Dimethylbiphenyl	6.70	3300	J N
	Unknown-2	6.81	2300	J
	Unknown Cycloalkane-2	6.93	2300	J
	Unknown Alkane-13	7.24	2400	J
	Unknown Alkane-14	7.44	2000	J

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3124.d
Report Date: 20-Sep-2013 13:12

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3124.d
Lab Smp Id: 460-62968-E-18-A Client Smp ID: PMP-16SE-WT
Inj Date : 16-SEP-2013 04:34
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62968-E-18-A
Misc Info : 460-62968-E-18-A
Comment   :
Method   : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/8270C_11.m
Meth Date : 15-Sep-2013 18:43 czhao Quant Type: ISTD
Cal Date : 06-SEP-2013 18:21 Cal File: z26655.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	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)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	1.462	1.433	(0.584)	1029174	78.5896	5200
$ 17 Phenol-d5 (SUR)	99	2.268	2.274	(0.906)	1337819	83.3401	5600
* 79 1,4-Dichlorobenzene-d4	152	2.503	2.509	(1.000)	401432	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.080	3.097	(0.804)	604569	41.8132	2800
* 80 Naphthalene-d8	136	3.833	3.844	(1.000)	1416985	40.0000	
120 1-Methylnaphthalene	142	4.674	4.674	(1.219)	2688	0.11928	8.0(aH)
$ 77 2-Fluorobiphenyl (SUR)	172	4.980	4.985	(0.889)	913283	44.8745	3000
125 1,3-Dimethylnaphthalene	156	5.285	5.291	(0.943)	138215	9.56847	640(H)
* 82 Acenaphthene-d10	164	5.603	5.597	(1.000)	568756	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.380	6.368	(1.139)	212323	83.6214	5600
* 83 Phenanthrene-d10	188	7.021	7.009	(1.000)	680351	40.0000	
55 Di-n-butylphthalate	149	7.691	7.685	(1.095)	68318	3.48292	230(a)
57 Pyrene	202	8.362	8.356	(0.879)	41089	2.49467	170(a)

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3124.d
Report Date: 20-Sep-2013 13:12

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 78 Terphenyl-d14	244	8.579	8.573	(0.902)	468476	39.8870	2600
* 81 Chrysene-d12	240	9.515	9.520	(1.000)	385444	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	9.691	9.691	(1.019)	9679	1.10414	74(a)
* 84 Perylene-d12	264	10.844	10.850	(1.000)	304132	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: z3124.d

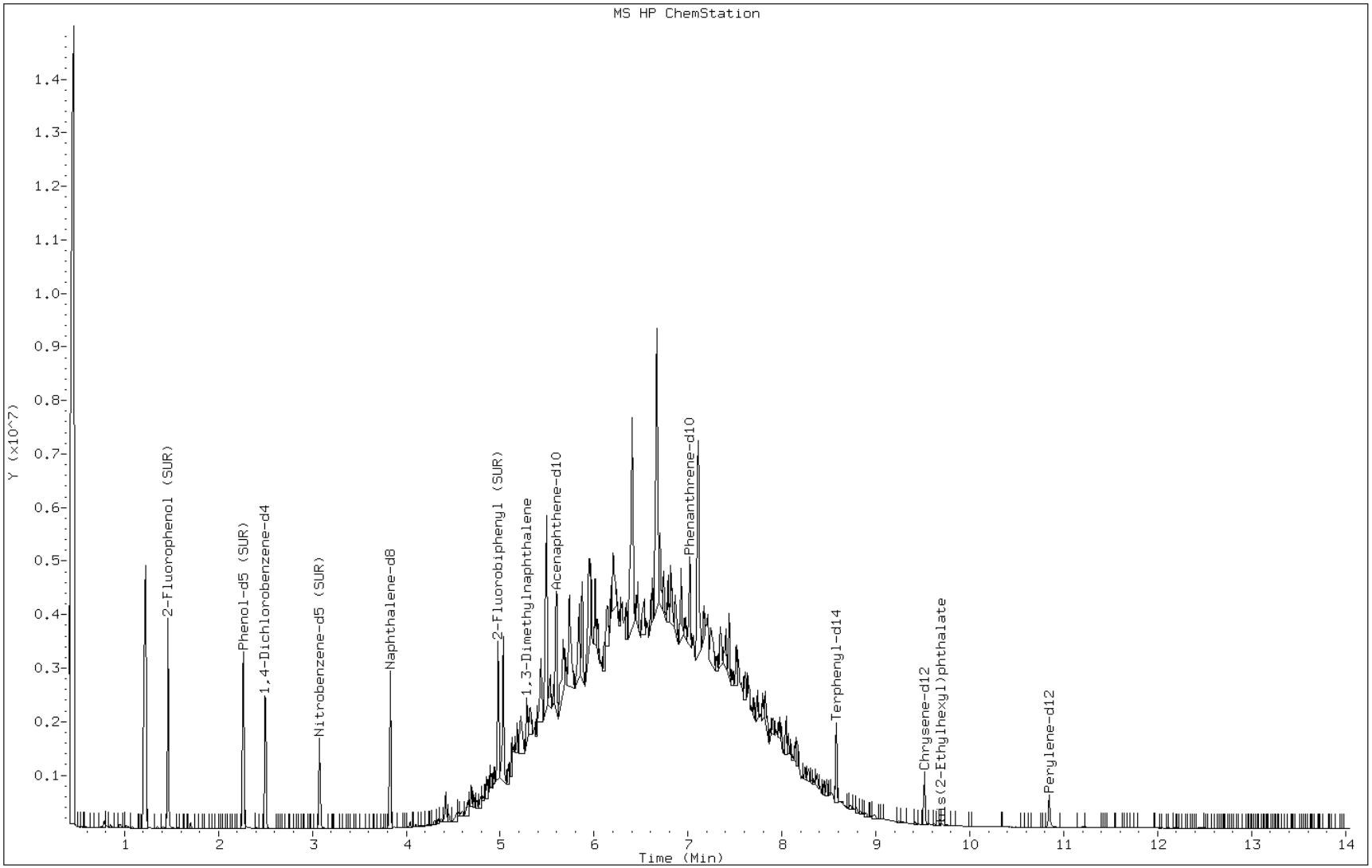
Date: 16-SEP-2013 04:34

Client ID: PMP-16SE-WT

Instrument: BNAMS11.i

Sample Info: 460-62968-E-18-A

Operator: BNAMS 4



Data File: z3124.d

Date: 16-SEP-2013 04:34

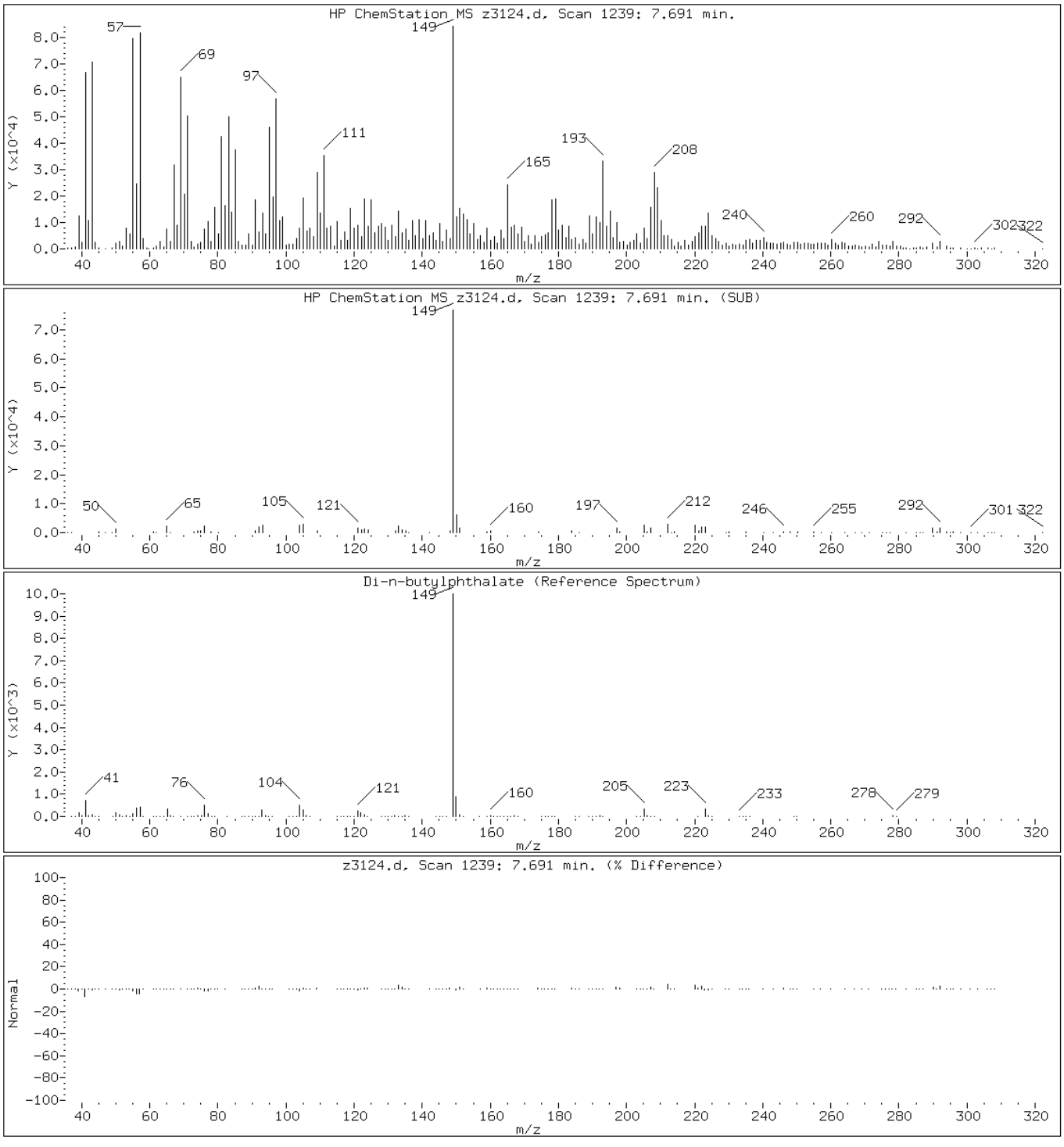
Client ID: PMP-16SE-WT

Instrument: BNAMS11.i

Sample Info: 460-62968-E-18-A

Operator: BNAMS 4

55 Di-n-butylphthalate



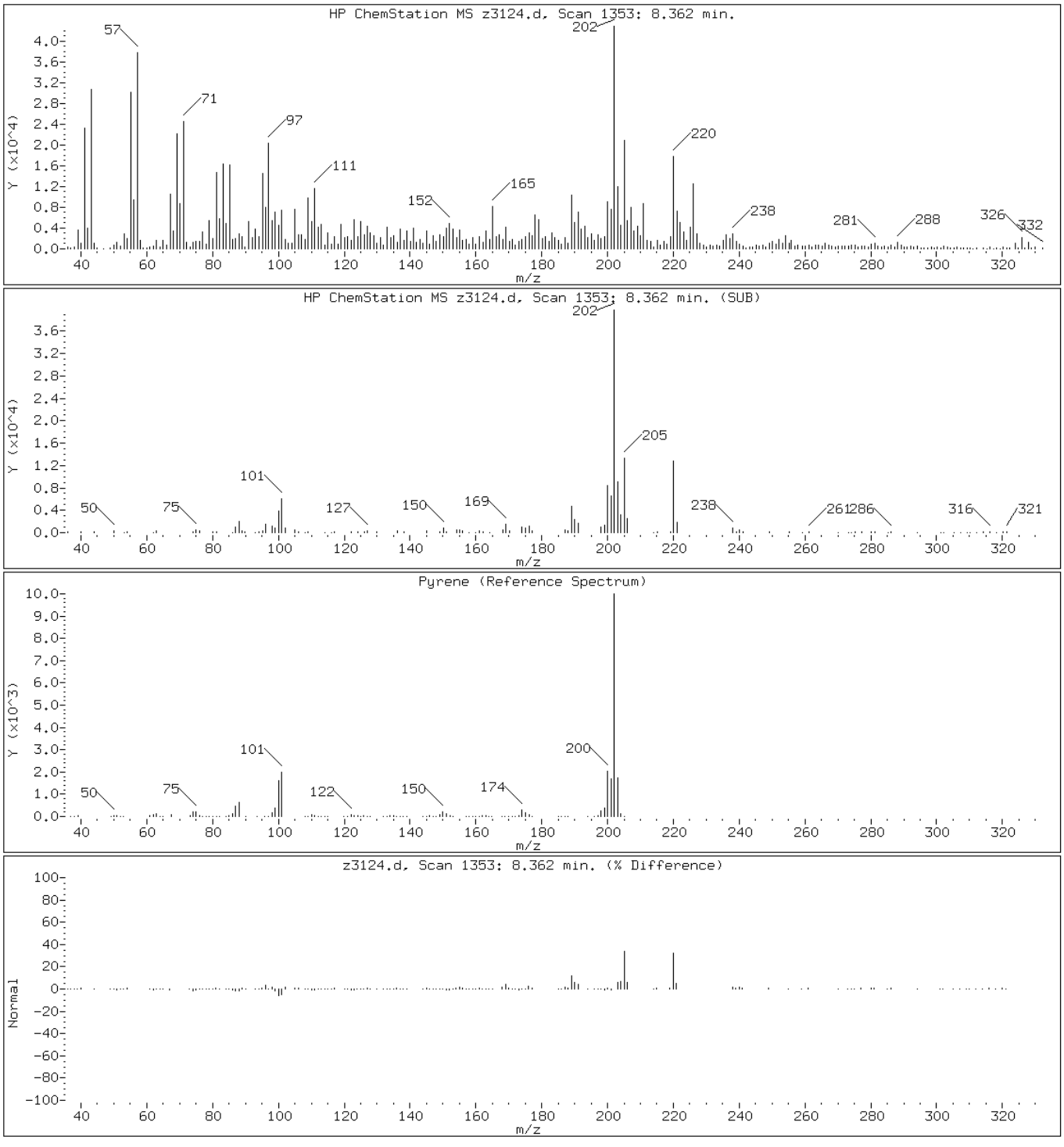
Data File: z3124.d

Date: 16-SEP-2013 04:34

Client ID: PMP-16SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-18-A Operator: BNAMS 4

57 Pyrene



Data File: z3124.d

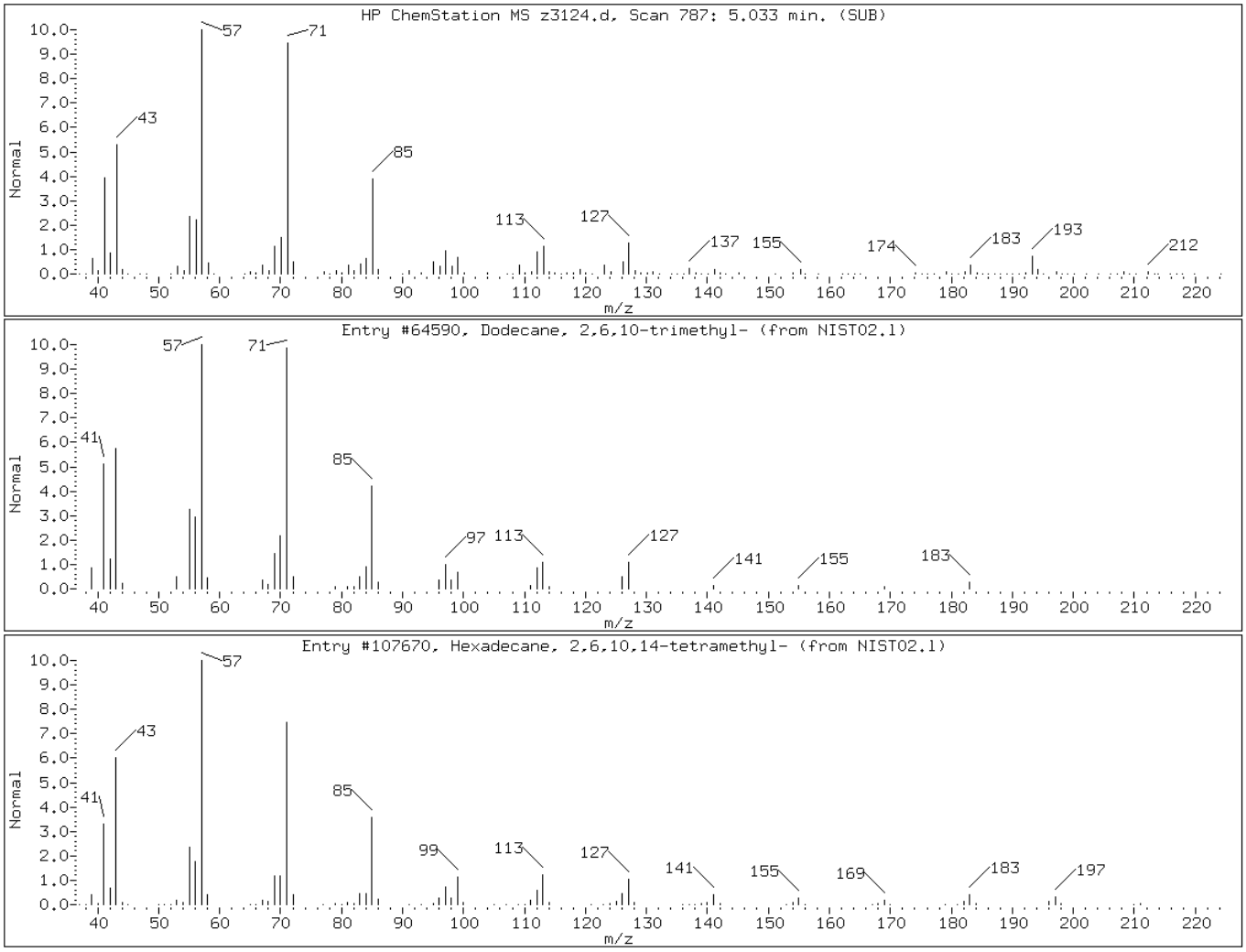
Date: 16-SEP-2013 04:34

Client ID: PMP-16SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-18-A Operator: BNAMS 4

Retention Time: 5.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64590	91	C15H32	212
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	90	C20H42	282



Data File: z3124.d

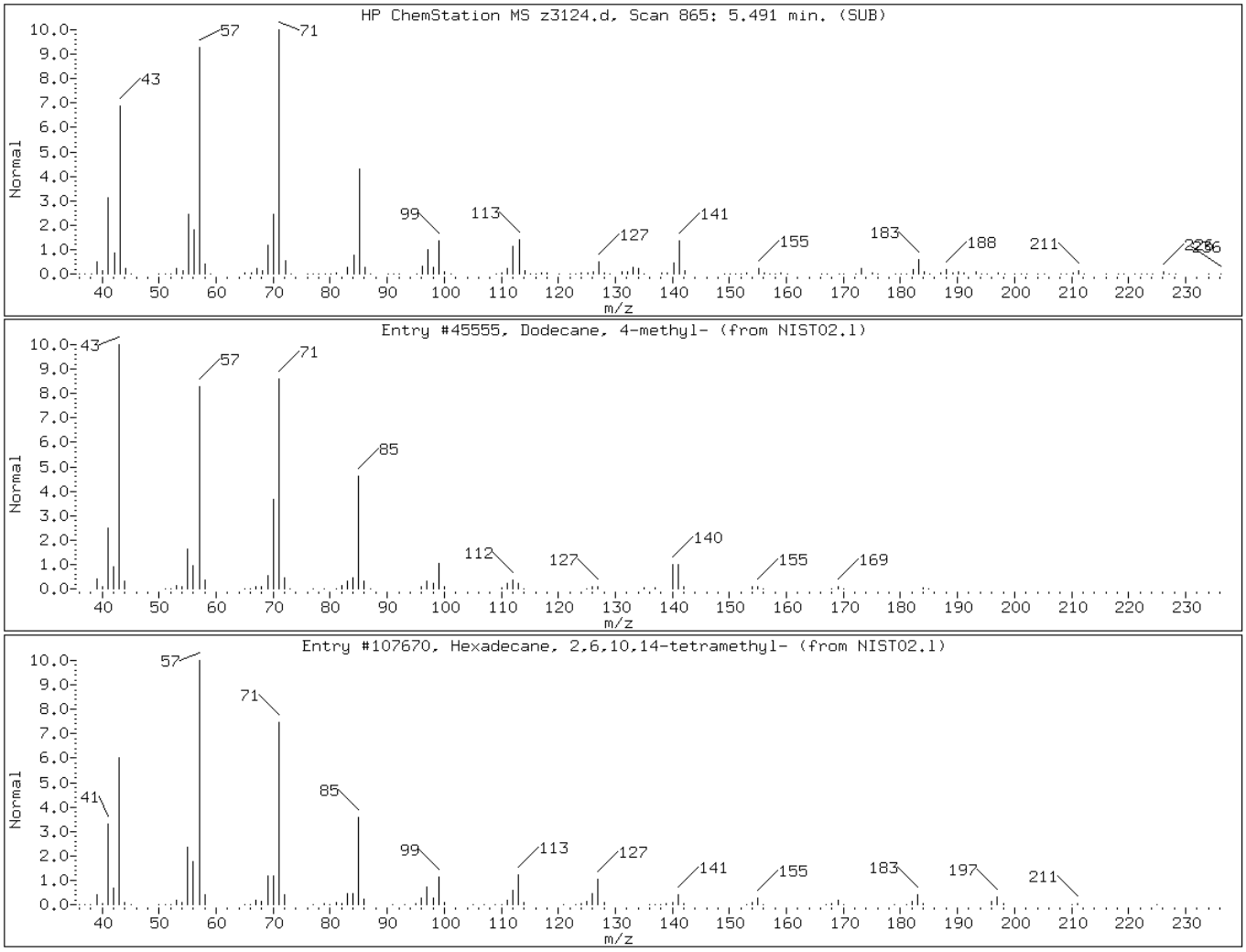
Date: 16-SEP-2013 04:34

Client ID: PMP-16SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-18-A Operator: BNAMS 4

Retention Time: 5.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45555	89	C13H28	184
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	86	C20H42	282



Data File: z3124.d

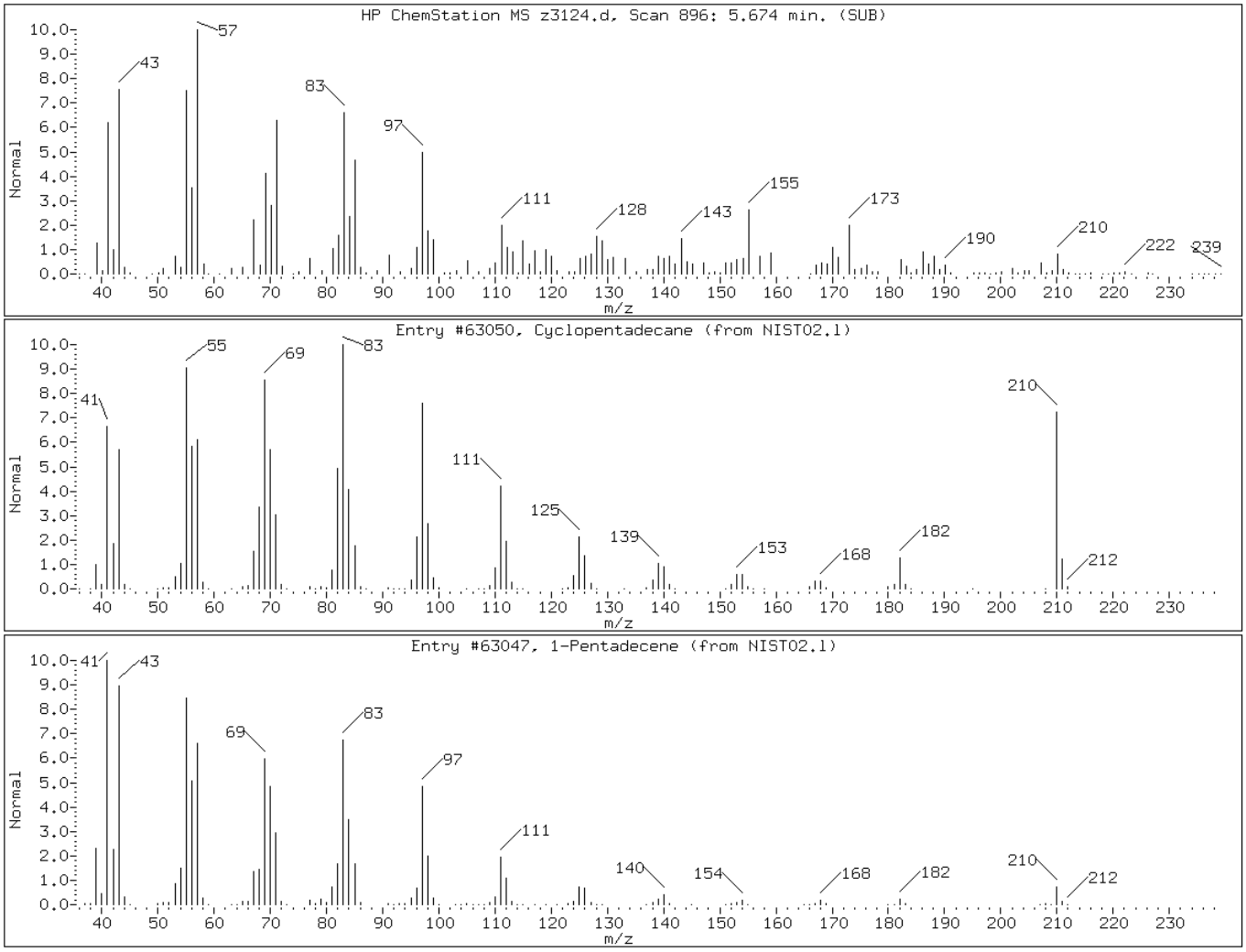
Date: 16-SEP-2013 04:34

Client ID: PMP-16SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-18-A Operator: BNAMS 4

Retention Time: 5.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Cyclopentadecane	295-48-7	NIST02.l	63050	59	C15H30	210
1-Pentadecene	13360-61-7	NIST02.l	63047	45	C15H30	210



Data File: z3124.d

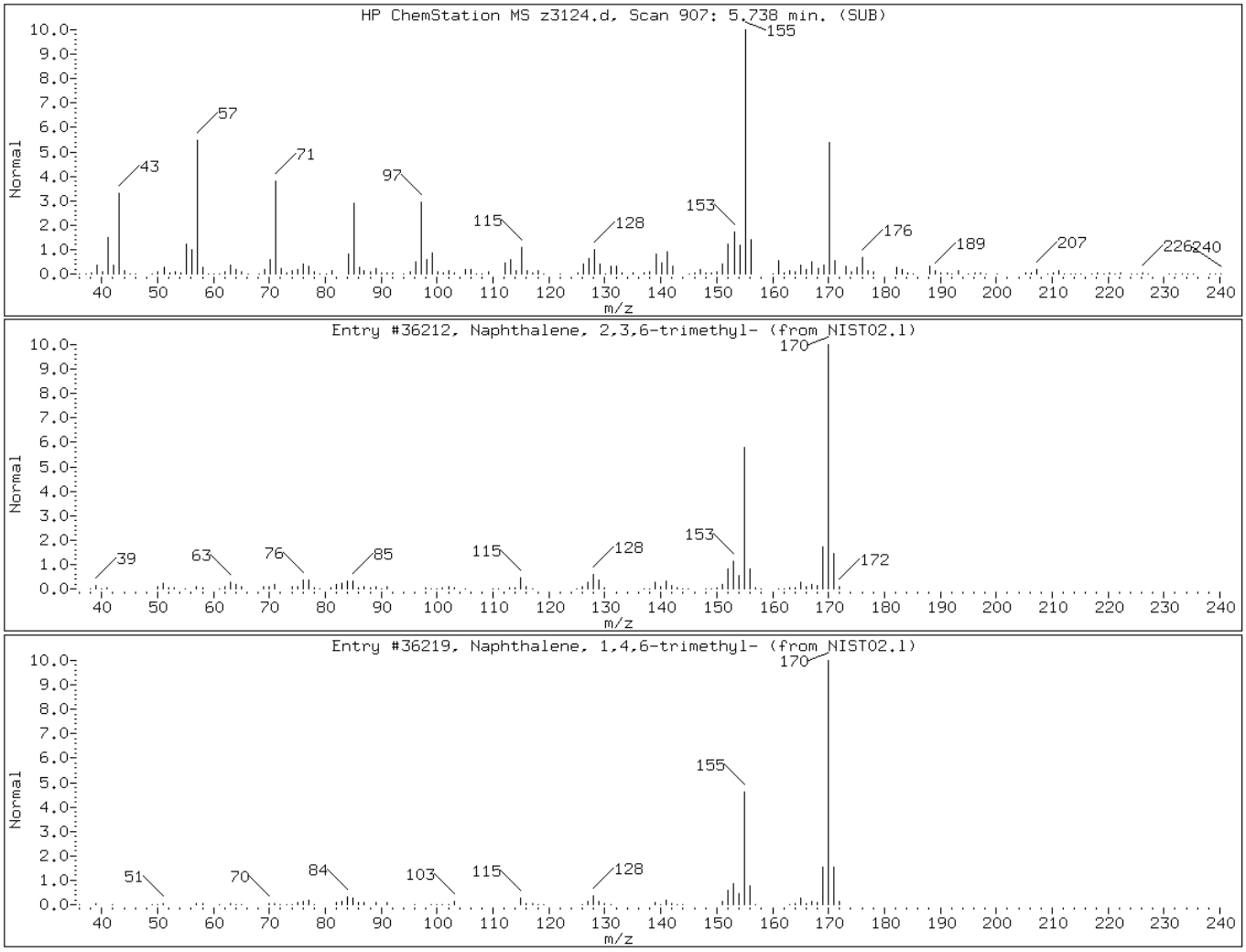
Date: 16-SEP-2013 04:34

Client ID: PMP-16SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-18-A Operator: BNAMS 4

Retention Time: 5.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36212	78	C13H14	170
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.l	36219	64	C13H14	170



Data File: z3124.d

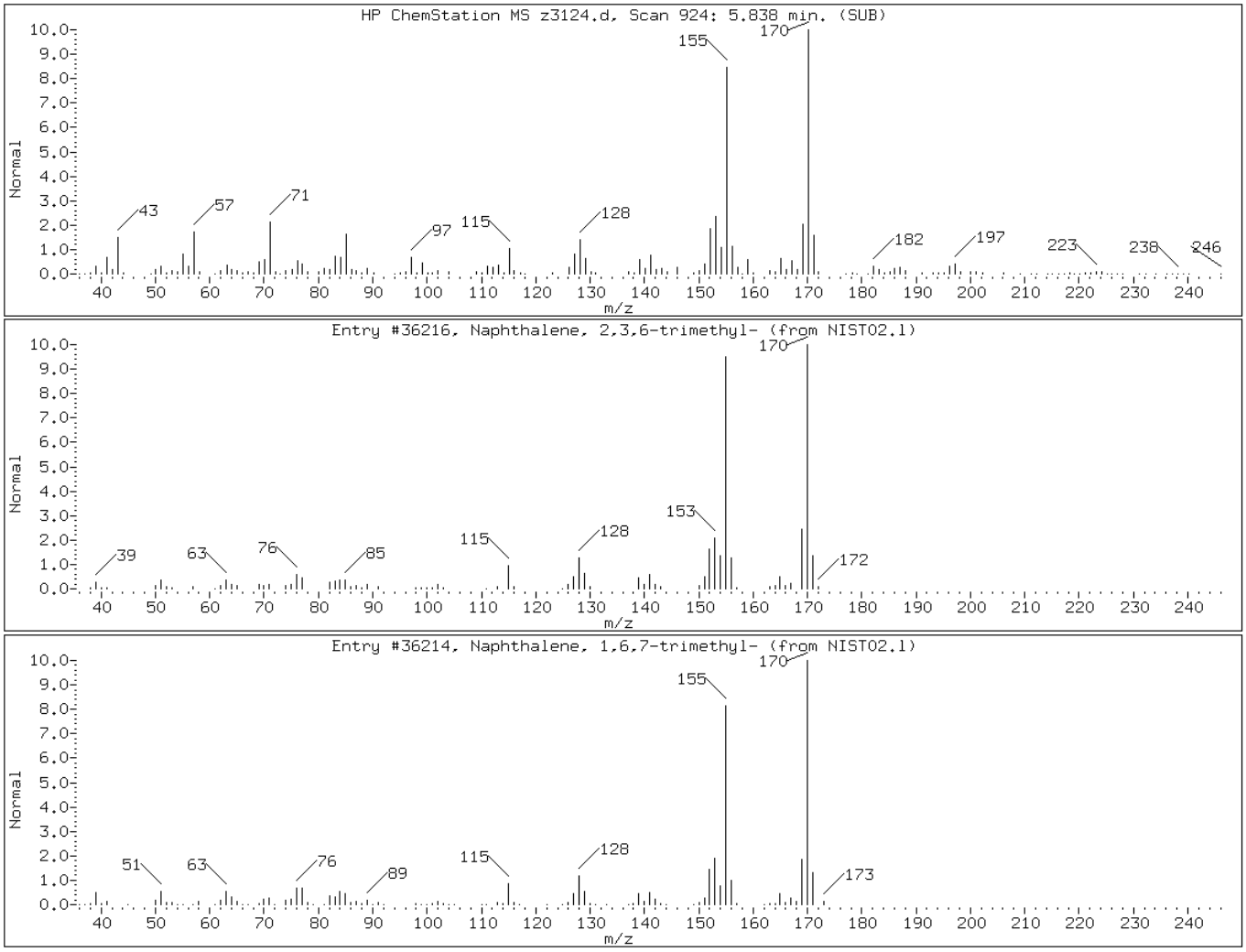
Date: 16-SEP-2013 04:34

Client ID: PMP-16SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-18-A Operator: BNAMS 4

Retention Time: 5.84

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-1						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36216	98	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36214	97	C13H14	170



Data File: z3124.d

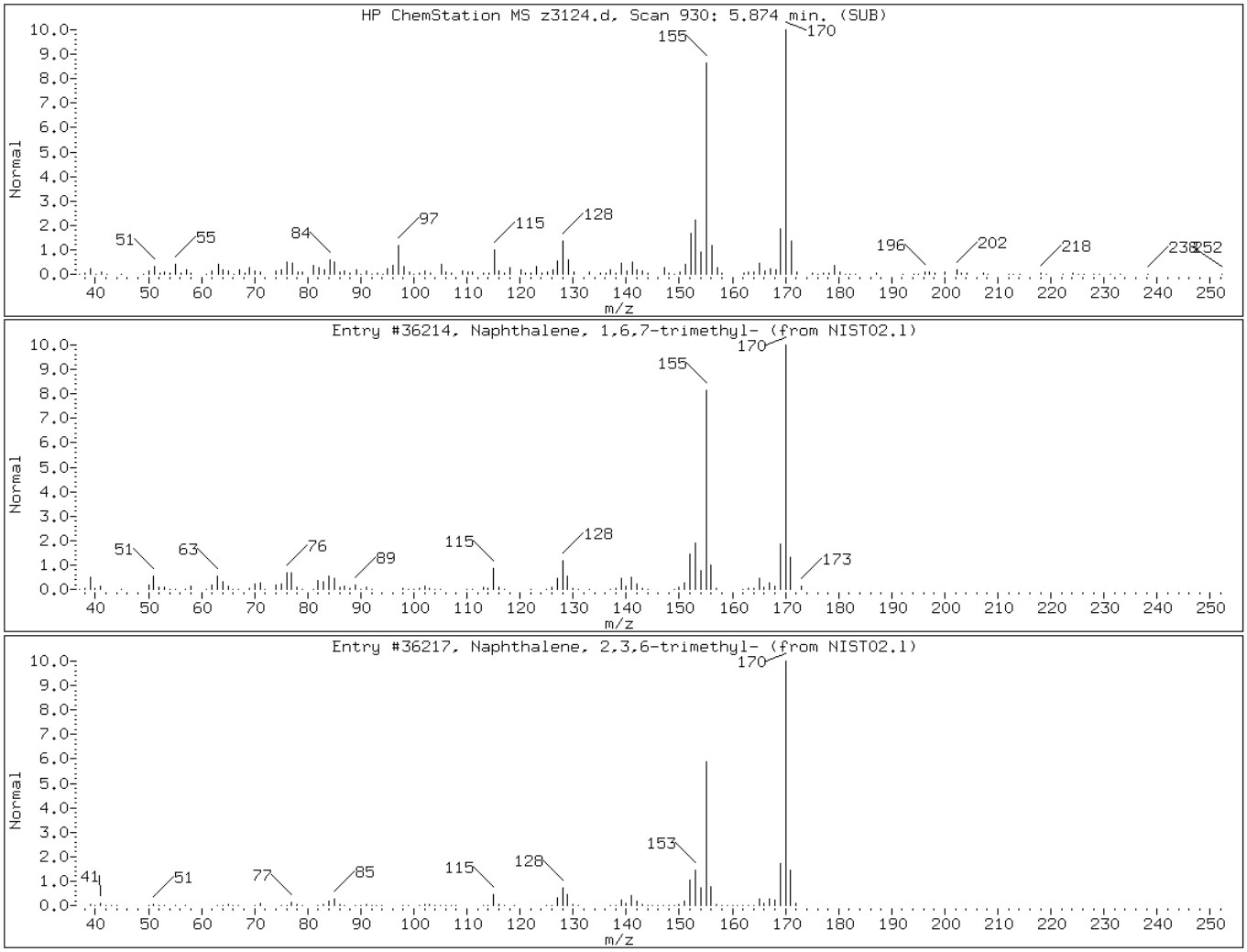
Date: 16-SEP-2013 04:34

Client ID: PMP-16SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-18-A Operator: BNAMS 4

Retention Time: 5.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-2						
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36214	98	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36217	97	C13H14	170



Data File: z3124.d

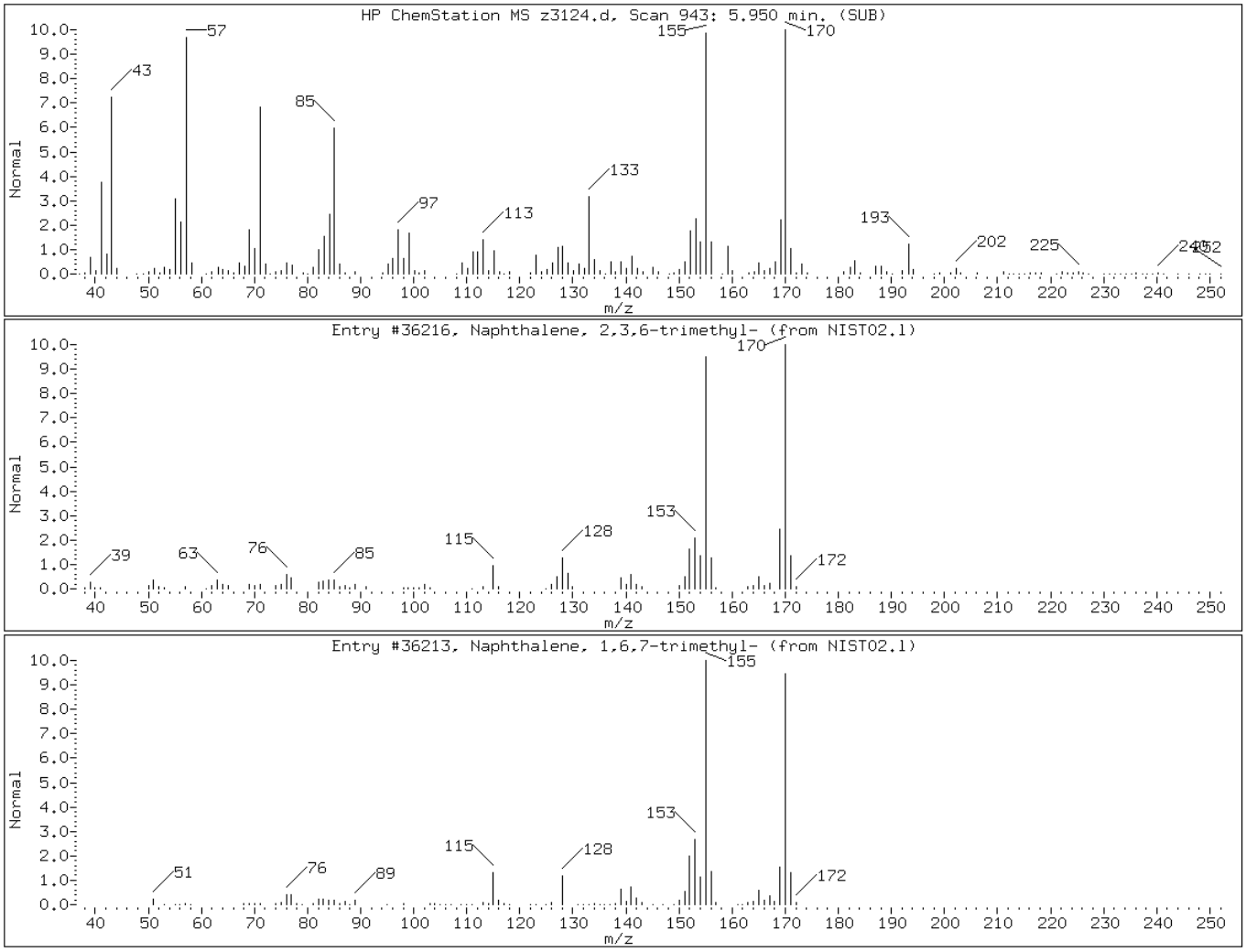
Date: 16-SEP-2013 04:34

Client ID: PMP-16SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-18-A Operator: BNAMS 4

Retention Time: 5.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36216	96	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36213	95	C13H14	170



Data File: z3124.d

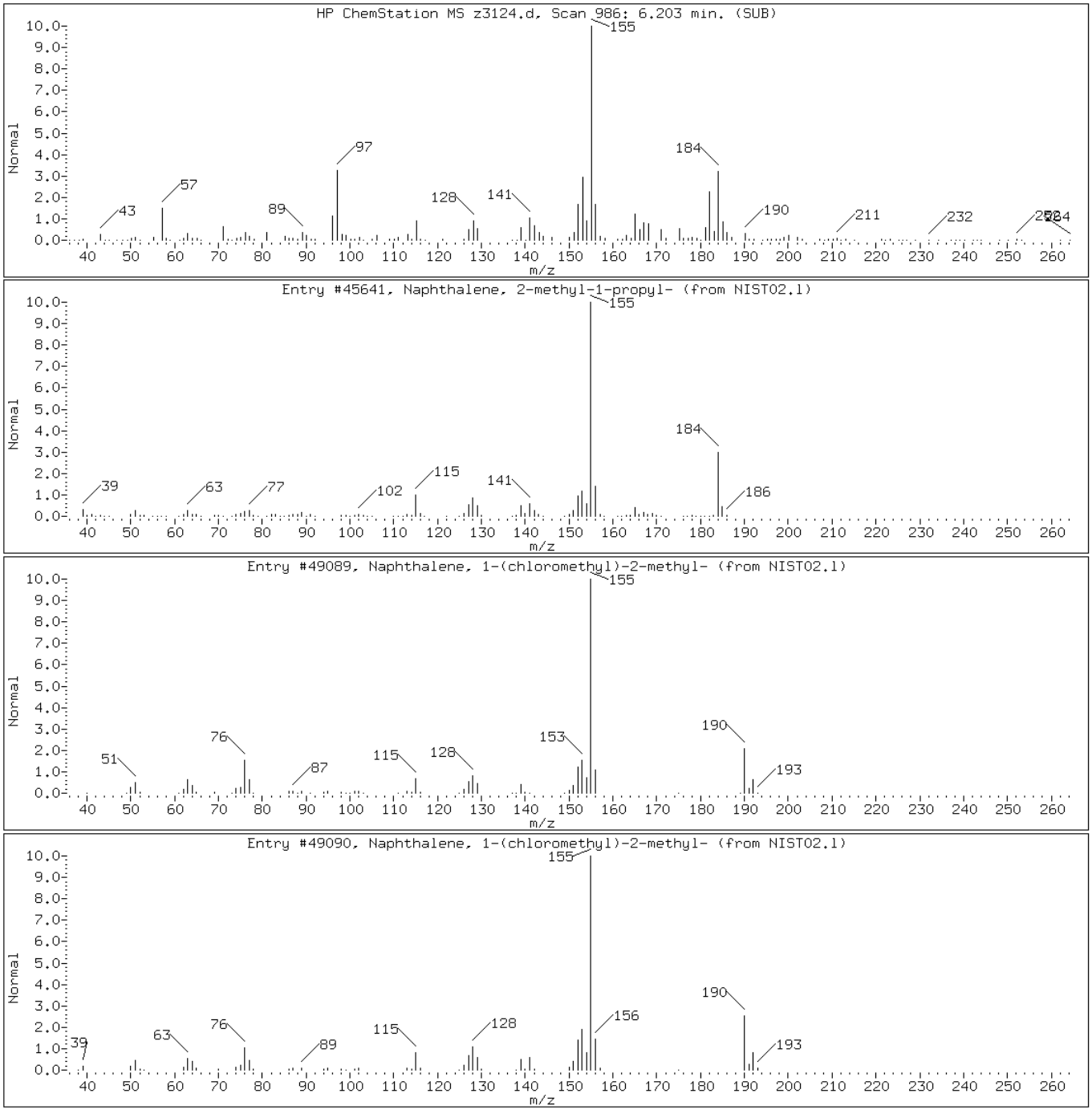
Date: 16-SEP-2013 04:34

Client ID: PMP-16SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-18-A Operator: BNAMS 4

Retention Time: 6.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 2-methyl-1-propyl-	54774-89-9	NIST02.l	45641	92	C14H16	184
Naphthalene, 1-(chloromethyl)-2-me	6626-23-9	NIST02.l	49089	55	C12H11Cl	190
Naphthalene, 1-(chloromethyl)-2-me	6626-23-9	NIST02.l	49090	46	C12H11Cl	190



Data File: z3124.d

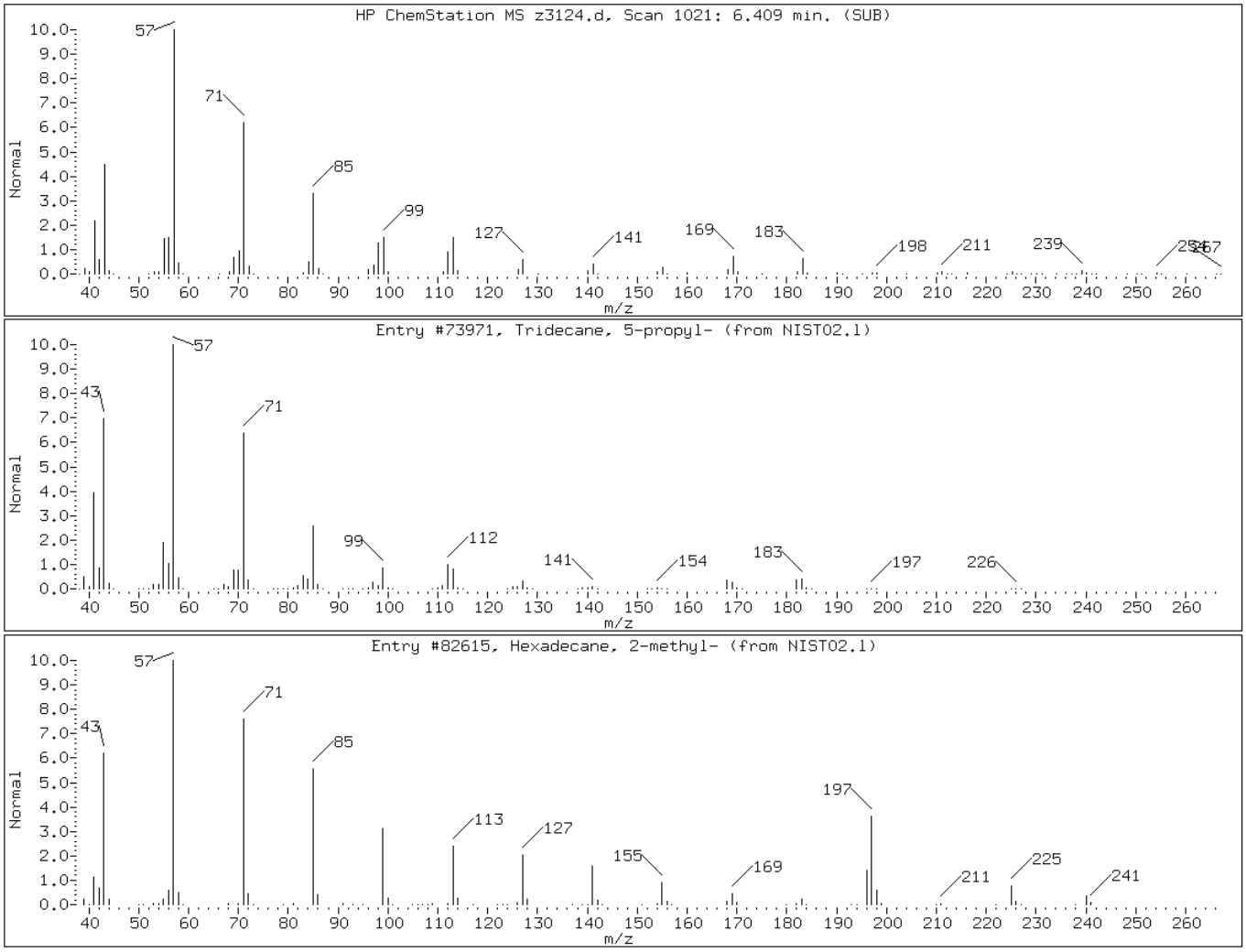
Date: 16-SEP-2013 04:34

Client ID: PMP-16SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-18-A Operator: BNAMS 4

Retention Time: 6.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	91	C16H34	226
Hexadecane, 2-methyl-	1560-92-5	NIST02.l	82615	76	C17H36	240



Data File: z3124.d

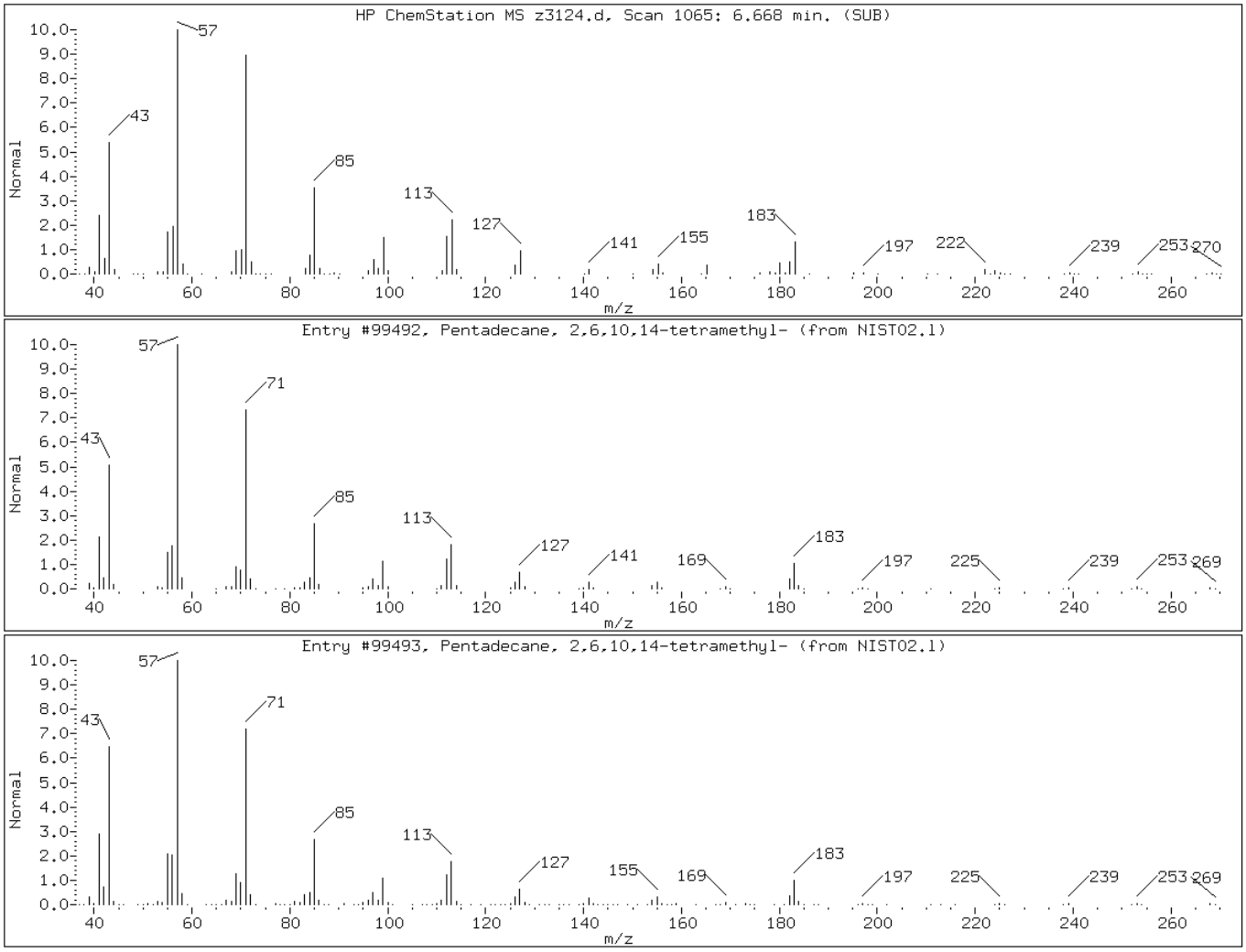
Date: 16-SEP-2013 04:34

Client ID: PMP-16SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-18-A Operator: BNAMS 4

Retention Time: 6.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	99	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	96	C19H40	268



Data File: z3124.d

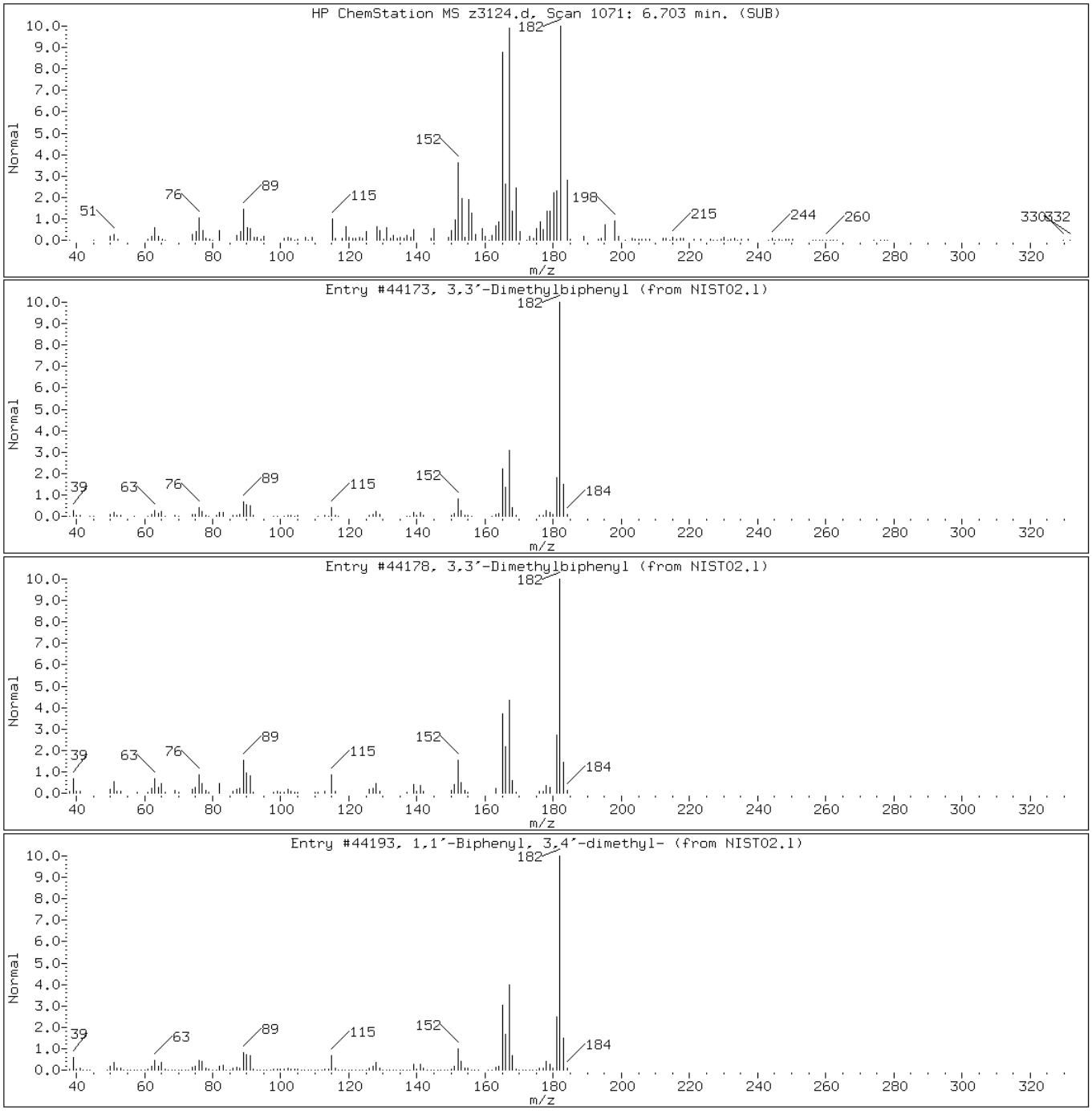
Date: 16-SEP-2013 04:34

Client ID: PMP-16SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-18-A Operator: BNAMS 4

Retention Time: 6.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
3,3'-Dimethylbiphenyl	612-75-9	NIST02.l	44173	86	C14H14	182
3,3'-Dimethylbiphenyl	612-75-9	NIST02.l	44178	58	C14H14	182
1,1'-Biphenyl, 3,4'-dimethyl-	7383-90-6	NIST02.l	44193	58	C14H14	182



Data File: z3124.d

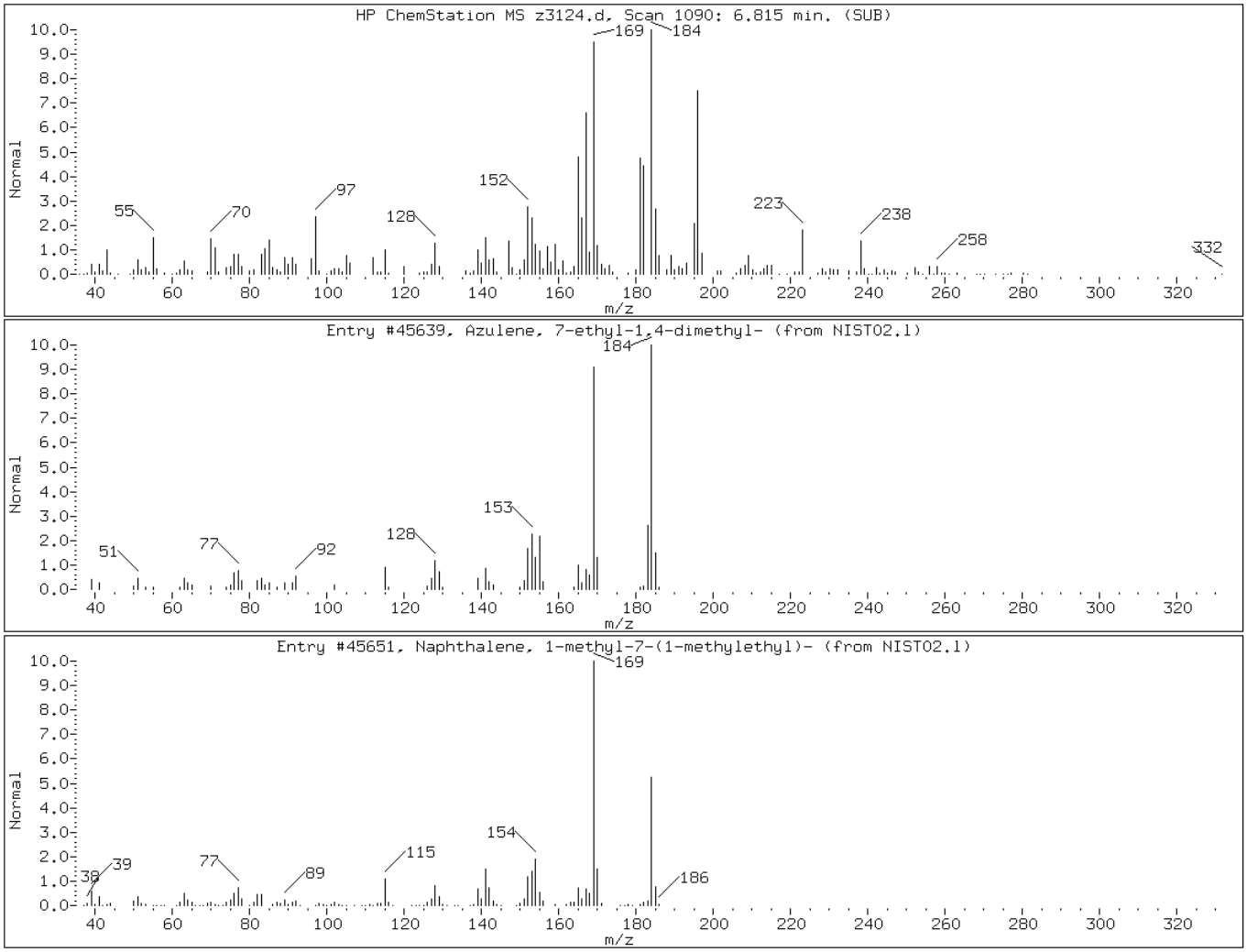
Date: 16-SEP-2013 04:34

Client ID: PMP-16SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-18-A Operator: BNAMS 4

Retention Time: 6.81

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Azulene, 7-ethyl-1,4-dimethyl-	529-05-5	NIST02.l	45639	42	C14H16	184
Naphthalene, 1-methyl-7-(1-methyle	490-65-3	NIST02.l	45651	42	C14H16	184



Data File: z3124.d

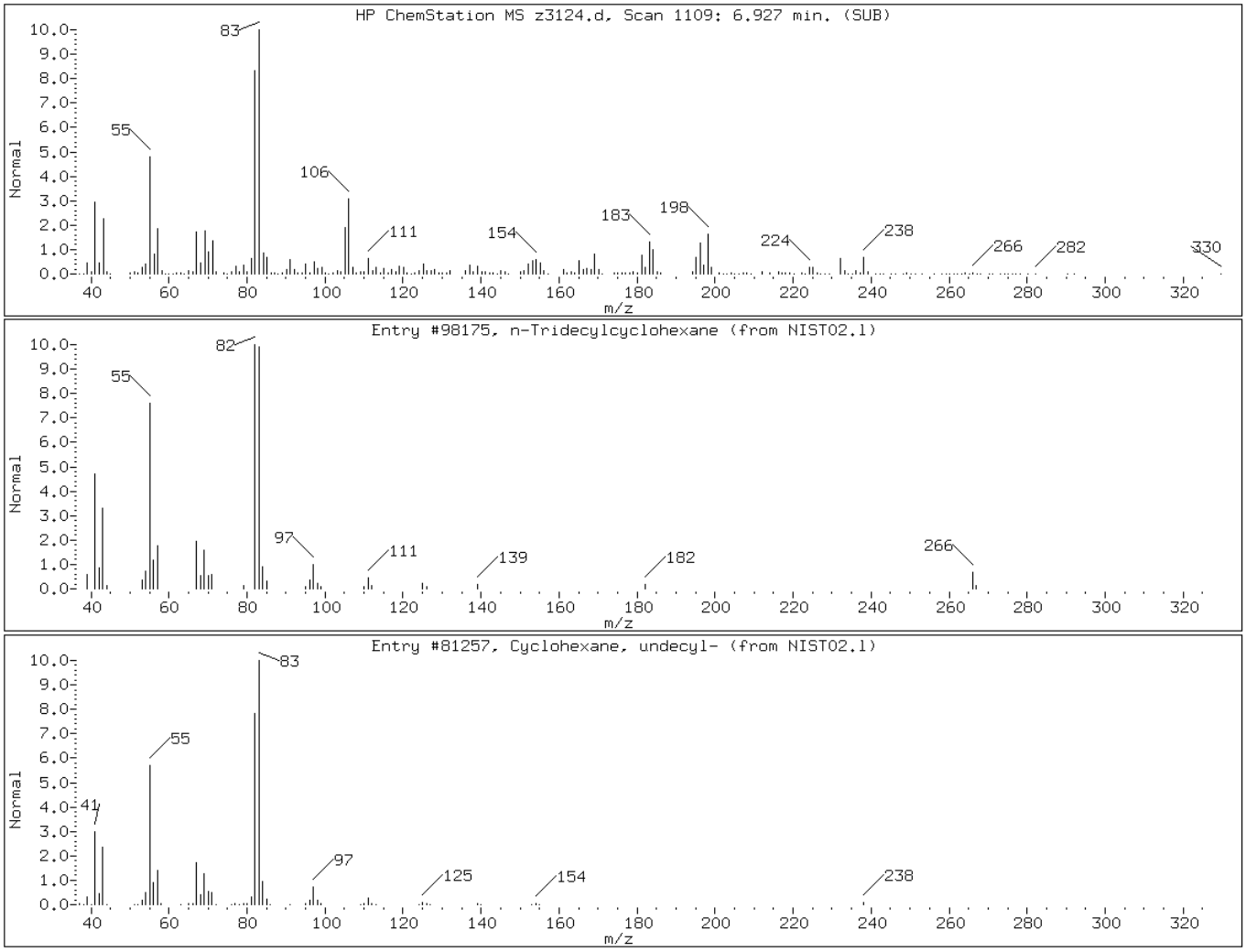
Date: 16-SEP-2013 04:34

Client ID: PMP-16SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-18-A Operator: BNAMS 4

Retention Time: 6.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane-2						
n-Tridecylcyclohexane	6006-33-3	NIST02.l	98175	83	C19H38	266
Cyclohexane, undecyl-	54105-66-7	NIST02.l	81257	70	C17H34	238



Data File: z3124.d

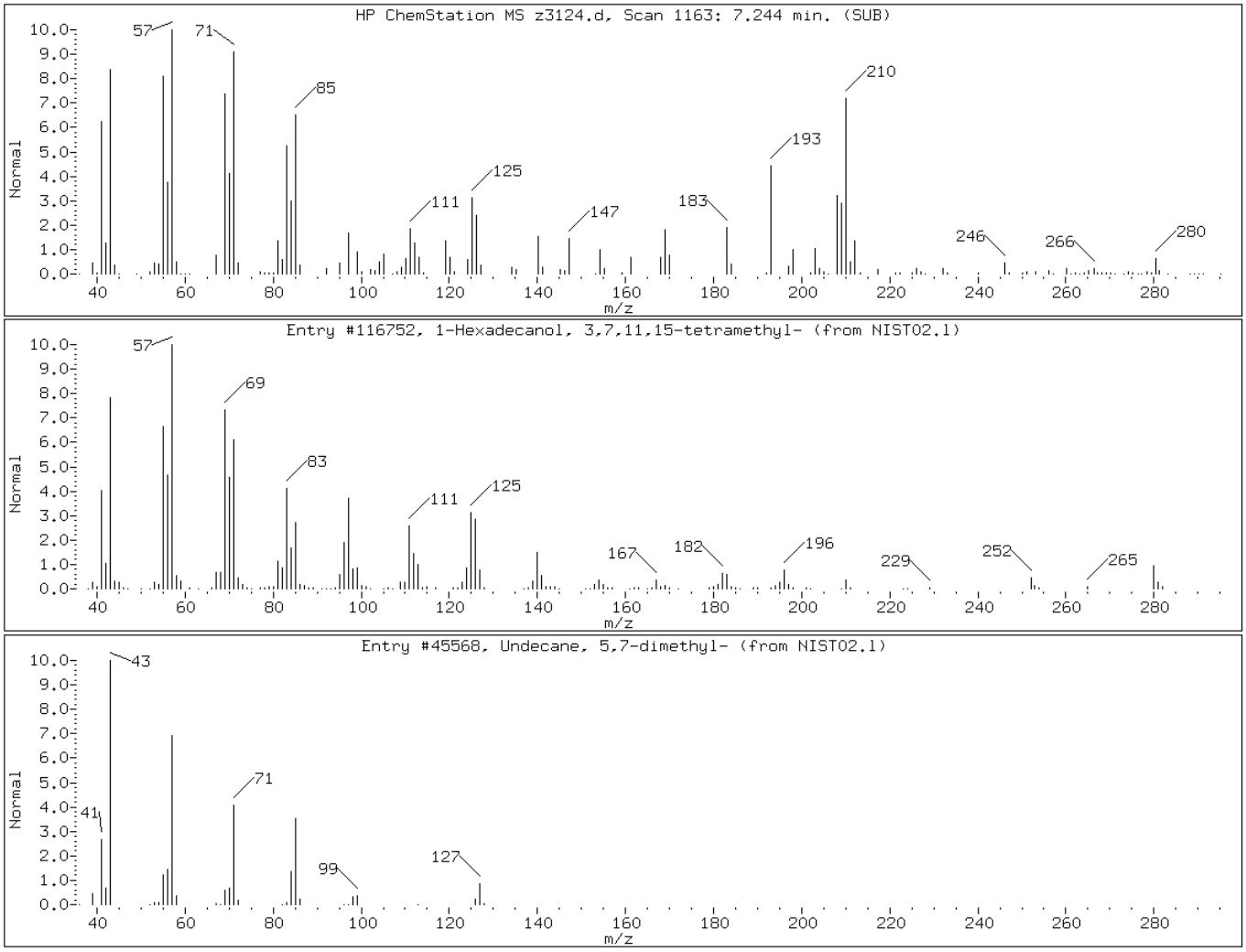
Date: 16-SEP-2013 04:34

Client ID: PMP-16SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-18-A Operator: BNAMS 4

Retention Time: 7.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
1-Hexadecanol, 3,7,11,15-tetrameth	645-72-7	NIST02.l	116752	30	C20H42O	298
Undecane, 5,7-dimethyl-	17312-83-3	NIST02.l	45568	25	C13H28	184



Data File: z3124.d

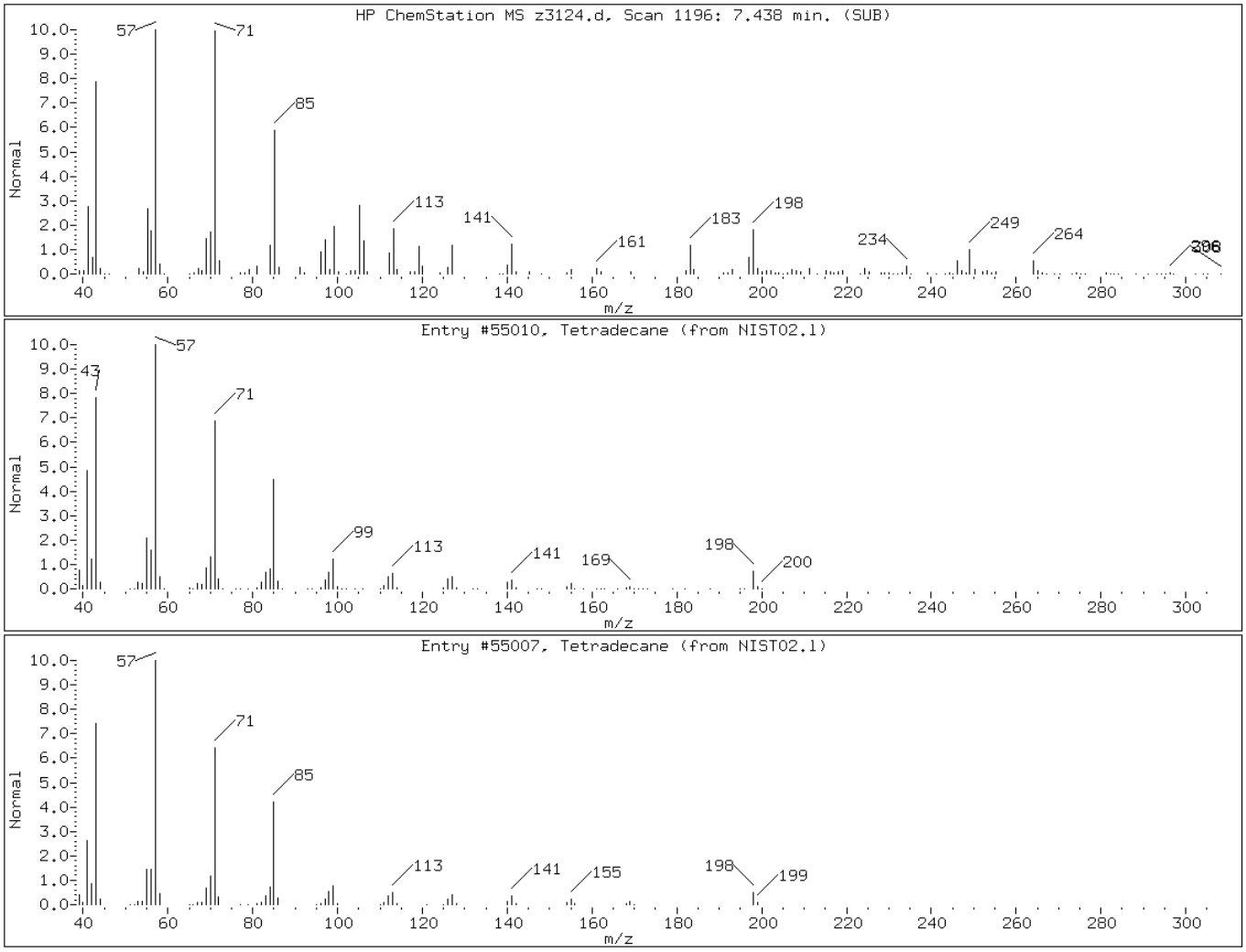
Date: 16-SEP-2013 04:34

Client ID: PMP-16SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-18-A Operator: BNAMS 4

Retention Time: 7.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Tetradecane	629-59-4	NIST02.l	55010	91	C14H30	198
Tetradecane	629-59-4	NIST02.l	55007	90	C14H30	198



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-SI | Lab Sample ID: 460-62968-19

Matrix: Solid | Lab File ID: z3111.d

Analysis Method: 8270C | Date Collected: 09/12/2013 11:40

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.04(g) | Date Analyzed: 09/16/2013 00:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-SI | Lab Sample ID: 460-62968-19

Matrix: Solid | Lab File ID: z3111.d

Analysis Method: 8270C | Date Collected: 09/12/2013 11:40

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.04(g) | Date Analyzed: 09/16/2013 00:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | 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	240	J	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	52	J	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	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	4.8	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-SI | Lab Sample ID: 460-62968-19

Matrix: Solid | Lab File ID: z3111.d

Analysis Method: 8270C | Date Collected: 09/12/2013 11:40

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.04(g) | Date Analyzed: 09/16/2013 00:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	80		38-105
4165-62-2	Phenol-d5	79		41-118
1718-51-0	Terphenyl-d14	94		16-151
118-79-6	2,4,6-Tribromophenol	82		10-120
367-12-4	2-Fluorophenol	75		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-SI | Lab Sample ID: 460-62968-19

Matrix: Solid | Lab File ID: z3111.d

Analysis Method: 8270C | Date Collected: 09/12/2013 11:40

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.04(g) | Date Analyzed: 09/16/2013 00:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | Units: ug/Kg

Number TICs Found: 4 | TIC Result Total: 3810

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	6.38	400	J
	Unknown Alkane-2	6.64	740	J
	Unknown Alkane-3	7.09	670	J
10544-50-0	Cyclic octaatomic sulfur	8.13	2000	J N

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3111.d
Report Date: 20-Sep-2013 13:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3111.d
Lab Smp Id: 460-62968-E-19-A Client Smp ID: PMP-16SE-SI
Inj Date : 16-SEP-2013 00:15
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62968-E-19-A
Misc Info : 460-62968-E-19-A
Comment   :
Method   : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/8270C_11.m
Meth Date : 15-Sep-2013 18:43 czhao Quant Type: ISTD
Cal Date : 06-SEP-2013 18:21 Cal File: z26655.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	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	1.468	1.433	(0.586)	1157461	74.6388	5000
$ 17 Phenol-d5 (SUR)	99	2.268	2.274	(0.906)	1509645	79.4170	5300
* 79 1,4-Dichlorobenzene-d4	152	2.503	2.509	(1.000)	475368	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.080	3.097	(0.804)	724407	40.0508	2700
* 80 Naphthalene-d8	136	3.833	3.844	(1.000)	1772575	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	4.980	4.985	(0.891)	1185784	38.9466	2600
125 1,3-Dimethylnaphthalene	156	5.280	5.291	(0.944)	2786	0.12897	8.6(aH)
* 82 Acenaphthene-d10	164	5.591	5.597	(1.000)	850857	40.0000	
47 Fluorene	166	6.121	6.127	(1.095)	2662	0.10205	6.8(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	6.362	6.368	(1.138)	309984	81.6075	5400
* 83 Phenanthrene-d10	188	7.003	7.009	(1.000)	1095081	40.0000	
52 Phenanthrene	178	7.027	7.032	(1.003)	20756	0.67508	45(a)
55 Di-n-butylphthalate	149	7.685	7.685	(1.097)	98471	3.11894	210(a)

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3111.d
Report Date: 20-Sep-2013 13:07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	57 Pyrene	202	8.356	8.356	(0.878)	2501	0.11791	7.8(a)
$	78 Terphenyl-d14	244	8.574	8.573	(0.901)	711904	47.0555	3100
*	81 Chrysene-d12	240	9.515	9.520	(1.000)	496497	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	9.691	9.691	(1.019)	11570	1.02466	68(aH)
*	84 Perylene-d12	264	10.844	10.850	(1.000)	332957	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: z3111.d

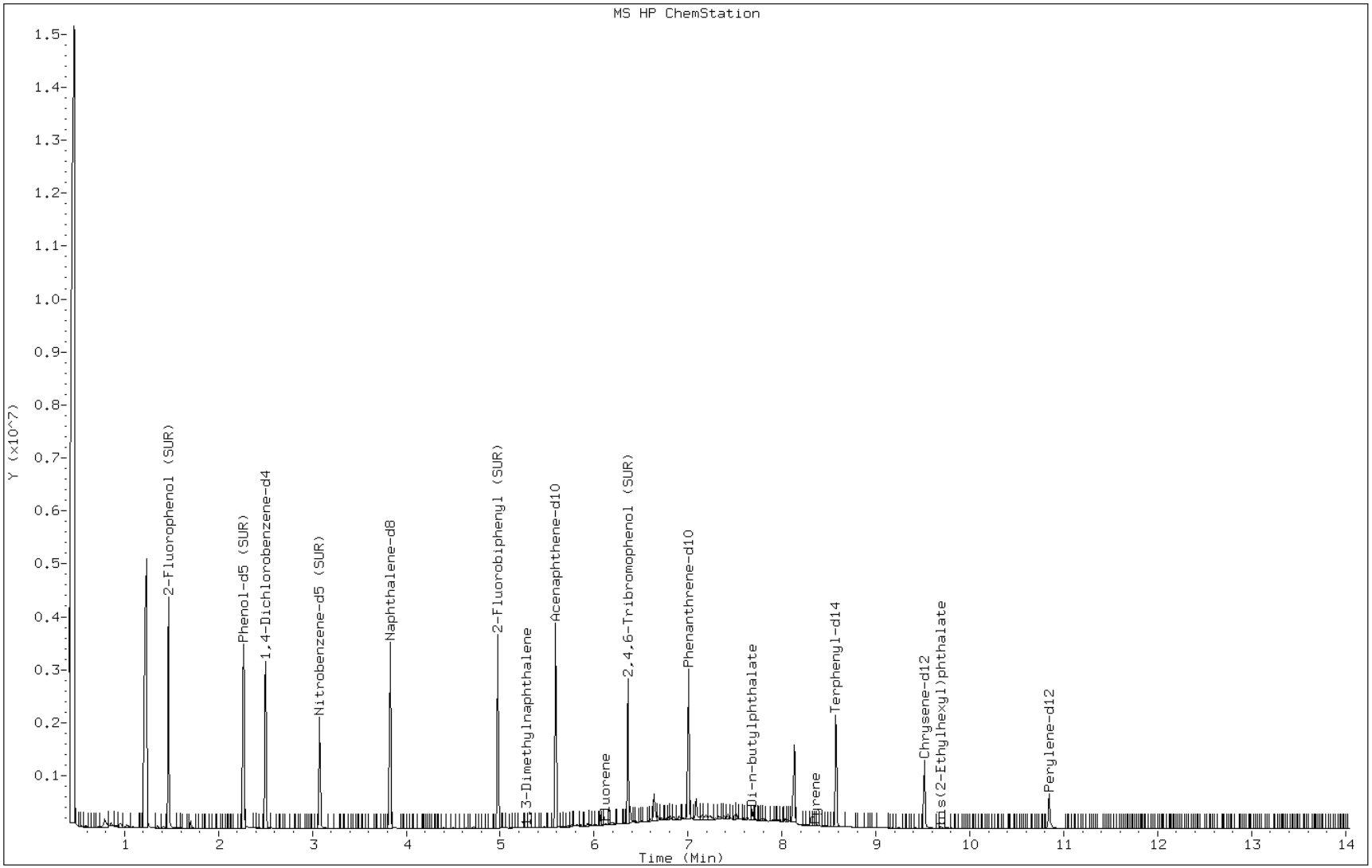
Date: 16-SEP-2013 00:15

Client ID: PMP-16SE-SI

Instrument: BNAMS11.i

Sample Info: 460-62968-E-19-A

Operator: BNAMS 4



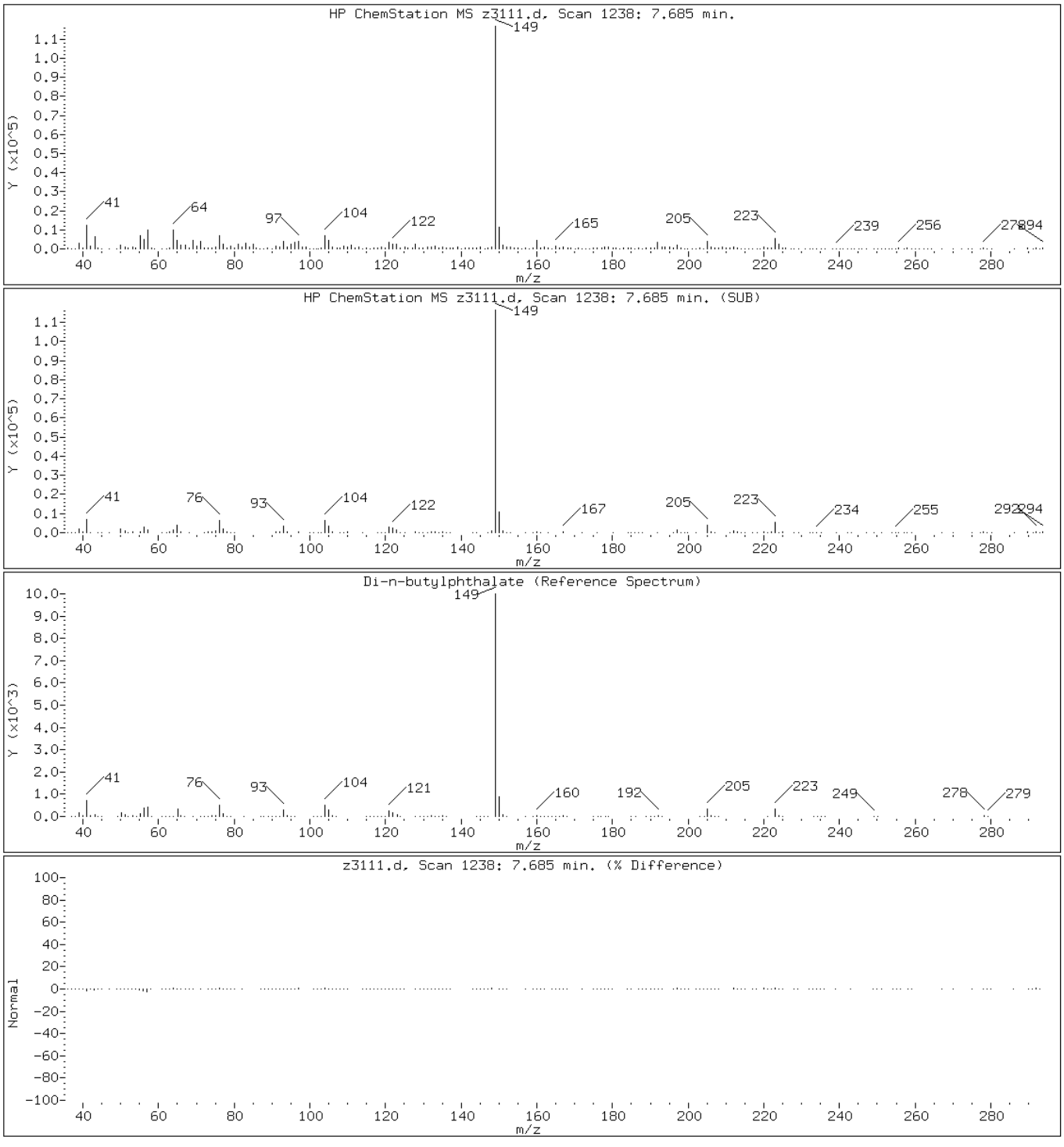
Data File: z3111.d

Date: 16-SEP-2013 00:15

Client ID: PMP-16SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-19-A Operator: BNAMS 4

55 Di-n-butylphthalate



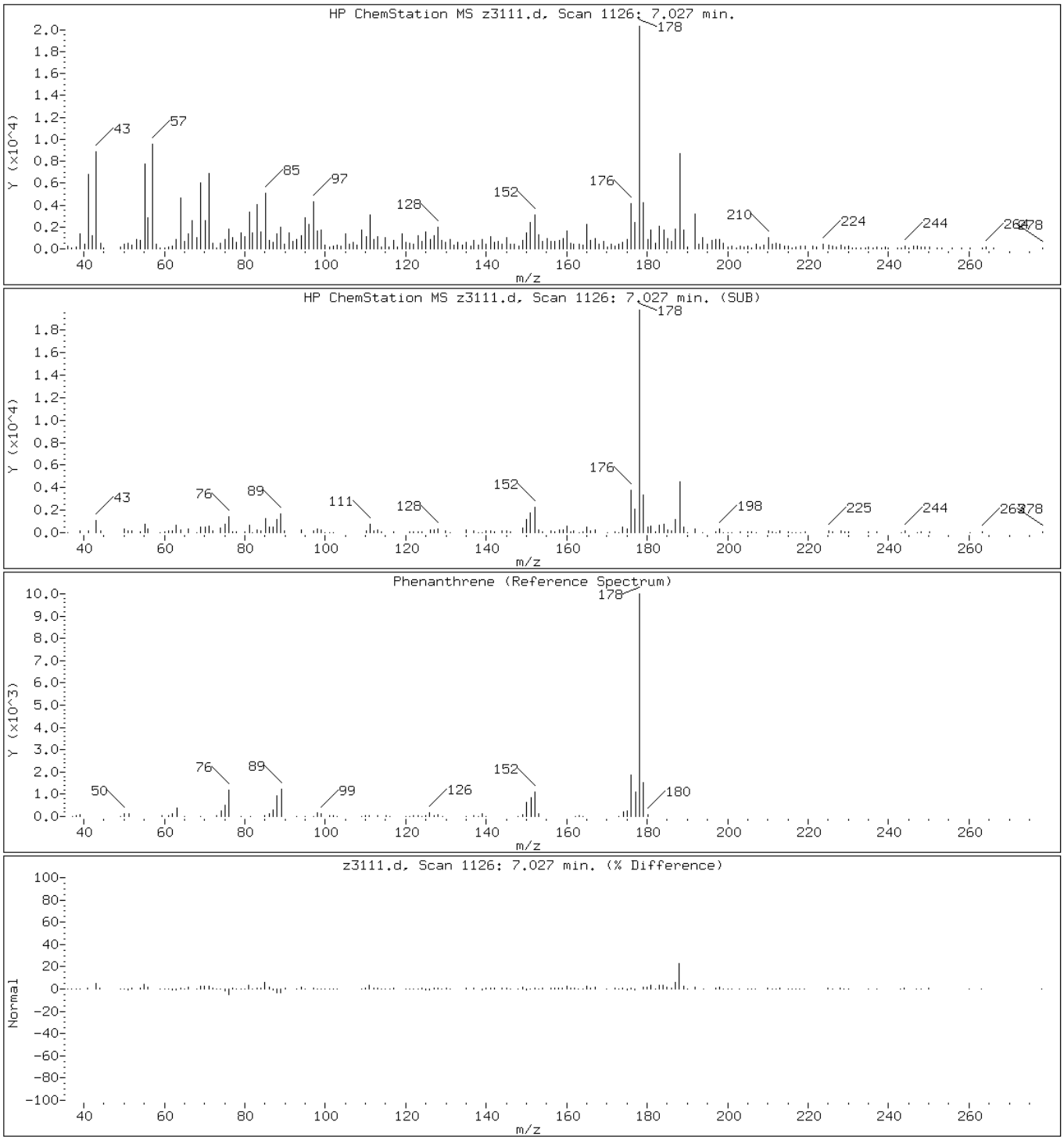
Data File: z3111.d

Date: 16-SEP-2013 00:15

Client ID: PMP-16SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-19-A Operator: BNAMS 4

52 Phenanthrene



Data File: z3111.d

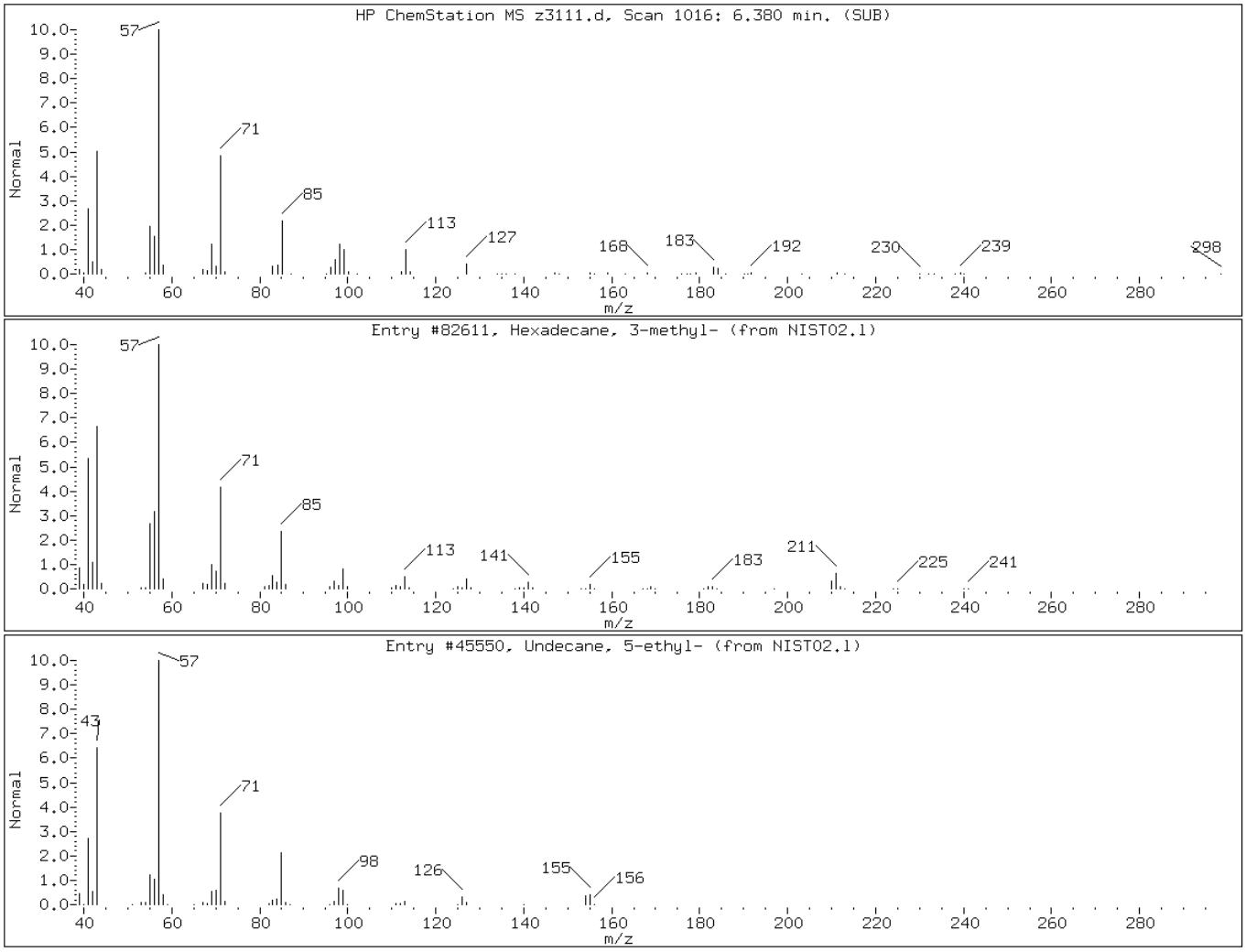
Date: 16-SEP-2013 00:15

Client ID: PMP-16SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-19-A Operator: BNAMS 4

Retention Time: 6.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Hexadecane, 3-methyl-	6418-43-5	NIST02.l	82611	72	C17H36	240
Undecane, 5-ethyl-	17453-94-0	NIST02.l	45550	72	C13H28	184



Data File: z3111.d

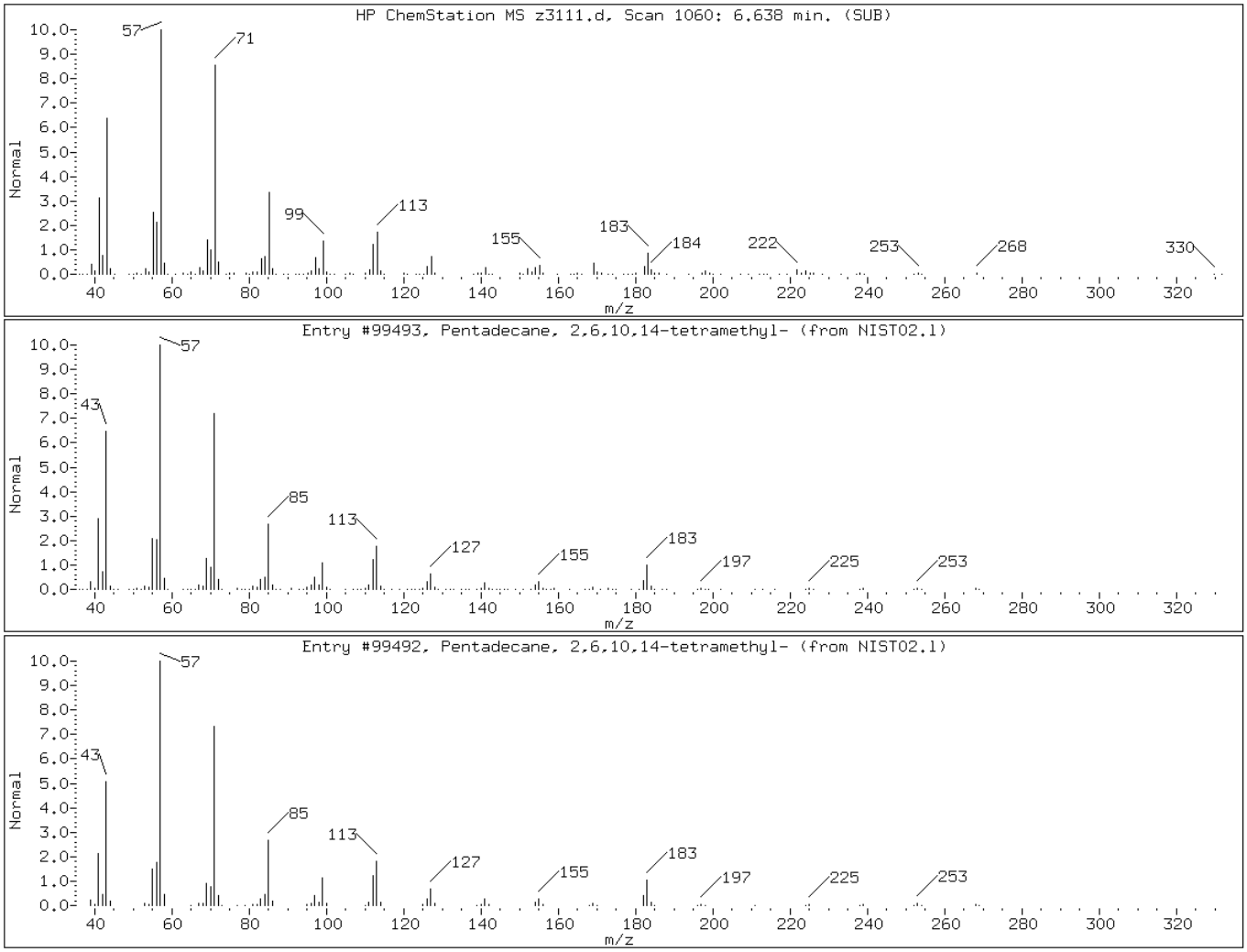
Date: 16-SEP-2013 00:15

Client ID: PMP-16SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-19-A Operator: BNAMS 4

Retention Time: 6.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
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	90	C19H40	268



Data File: z3111.d

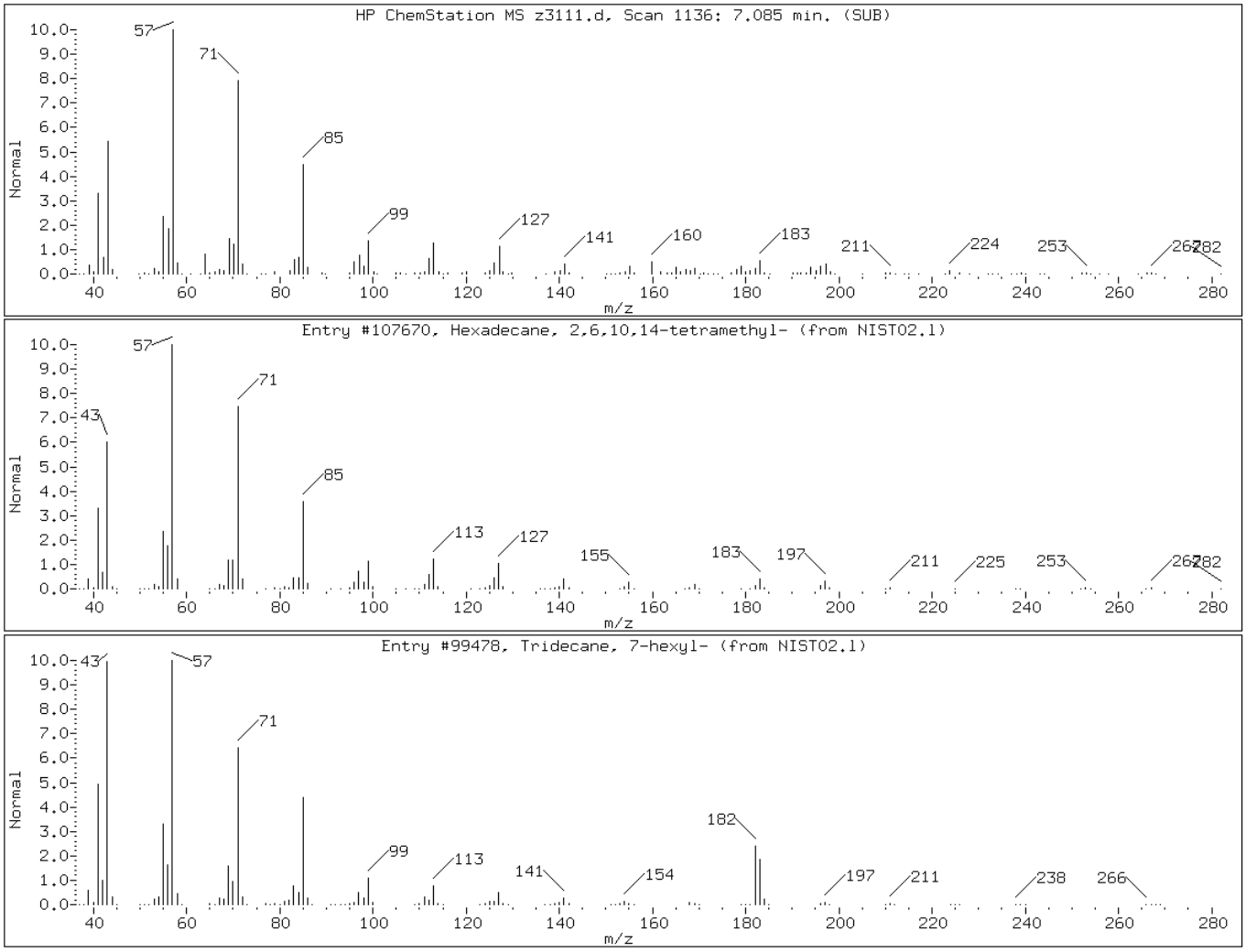
Date: 16-SEP-2013 00:15

Client ID: PMP-16SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-19-A Operator: BNAMS 4

Retention Time: 7.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	99	C20H42	282
Tridecane, 7-hexyl-	7225-66-3	NIST02.l	99478	93	C19H40	268



Data File: z3111.d

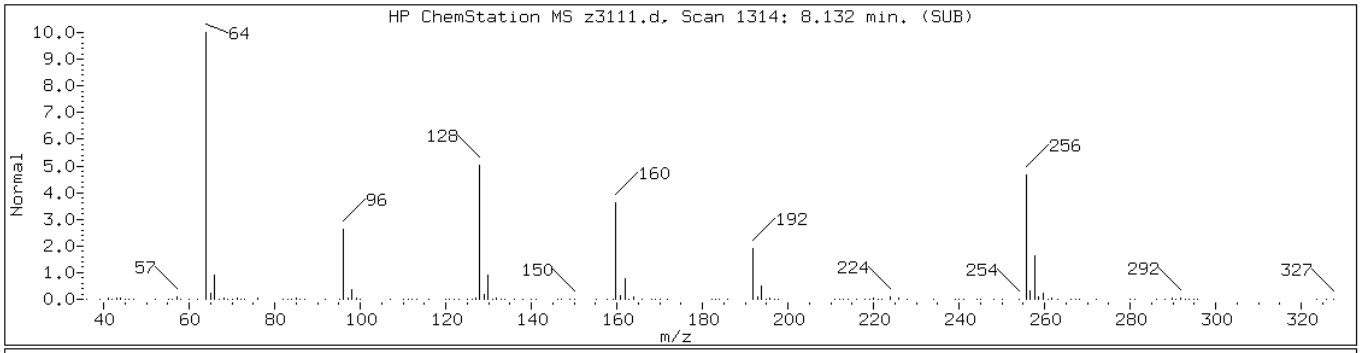
Date: 16-SEP-2013 00:15

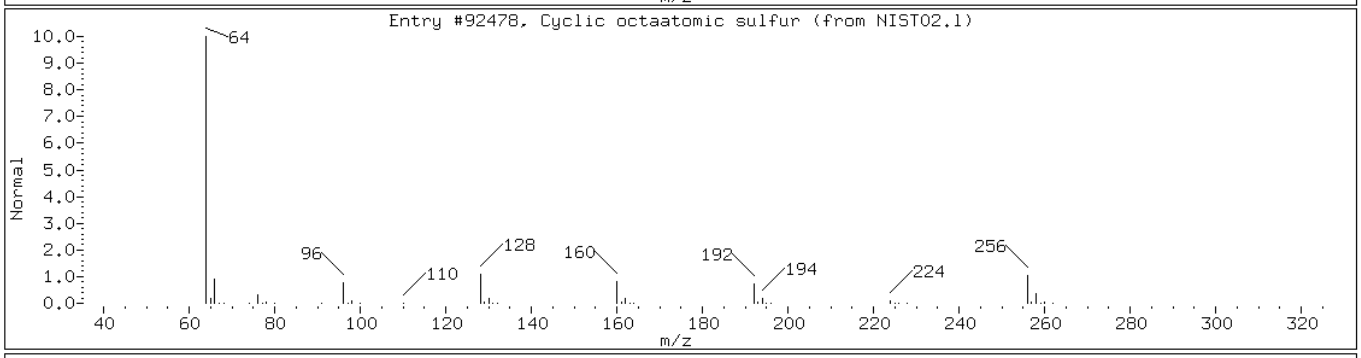
Client ID: PMP-16SE-SI Instrument: BNAMS11.i

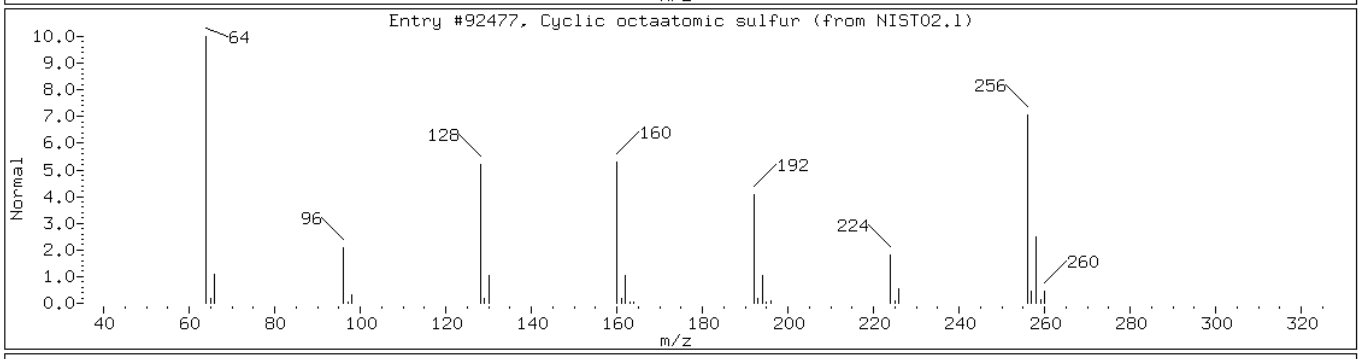
Sample Info: 460-62968-E-19-A Operator: BNAMS 4

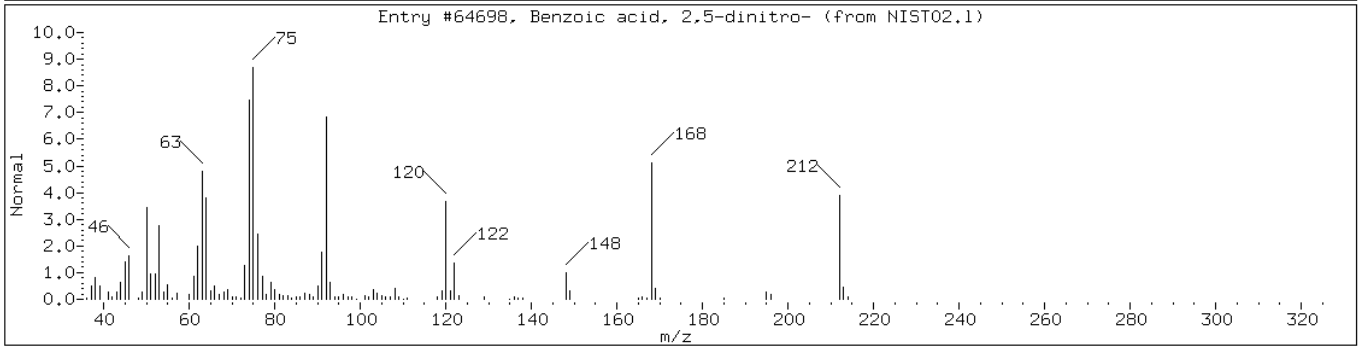
Retention Time: 8.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic octaatomic sulfur	10544-50-0	NIST02.l	92478	91	S8	256
Cyclic octaatomic sulfur	10544-50-0	NIST02.l	92477	91	S8	256
Benzoic acid, 2,5-dinitro-	610-28-6	NIST02.l	64698	50	C7H4N2O6	212









FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-VD | Lab Sample ID: 460-62968-20

Matrix: Solid | Lab File ID: z3112.d

Analysis Method: 8270C | Date Collected: 09/12/2013 12:00

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.01(g) | Date Analyzed: 09/16/2013 00:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	60	U	350	60
106-44-5	4-Methylphenol	69	U	350	69
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	54	U	350	54
111-44-4	Bis(2-chloroethyl)ether	4.8	U	35	4.8
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	350	39
621-64-7	N-Nitrosodi-n-propylamine	5.9	U	35	5.9
98-95-3	Nitrobenzene	5.0	U	35	5.0
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	43	U	350	43
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	87	U	350	87
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	41	U	350	41
106-47-8	4-Chloroaniline	93	U	350	93
87-68-3	Hexachlorobutadiene	8.6	U	71	8.6
105-60-2	Caprolactam	81	U	350	81
59-50-7	4-Chloro-3-methylphenol	53	U	350	53
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	710	150
606-20-2	2,6-Dinitrotoluene	11	U	71	11
131-11-3	Dimethyl phthalate	42	U	350	42
208-96-8	Acenaphthylene	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-VD | Lab Sample ID: 460-62968-20

Matrix: Solid | Lab File ID: z3112.d

Analysis Method: 8270C | Date Collected: 09/12/2013 12:00

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.01(g) | Date Analyzed: 09/16/2013 00:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | 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	130	J	350	43
121-14-2	2,4-Dinitrotoluene	12	U	71	12
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
534-52-1	4,6-Dinitro-2-methylphenol	96	U	1100	96
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	54	U	350	54
120-12-7	Anthracene	43	U	350	43
86-74-8	Carbazole	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	2.5	U	35	2.5
86-30-6	N-Nitrosodiphenylamine	35	U	350	35
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	350	46

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-VD Lab Sample ID: 460-62968-20

Matrix: Solid Lab File ID: z3112.d

Analysis Method: 8270C Date Collected: 09/12/2013 12:00

Extract. Method: 3541 Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.01(g) Date Analyzed: 09/16/2013 00:35

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	85		38-105
4165-62-2	Phenol-d5	82		41-118
1718-51-0	Terphenyl-d14	86		16-151
118-79-6	2,4,6-Tribromophenol	79		10-120
367-12-4	2-Fluorophenol	78		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-VD | Lab Sample ID: 460-62968-20

Matrix: Solid | Lab File ID: z3112.d

Analysis Method: 8270C | Date Collected: 09/12/2013 12:00

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.01(g) | Date Analyzed: 09/16/2013 00:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 10710

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	5.03	530	J
	Unknown Alkane-2	5.48	900	J
	Unknown Alkane-3	5.94	730	J
	Unknown Alkane-4	6.00	460	J
	Unknown Alkane-5	6.17	460	J
	Unknown Alkane-6	6.39	1400	J
	Unknown Cycloalkane	6.44	370	J
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	6.50	370	J N
	Unknown Alkane-7	6.54	330	J
	Unknown Alkane-8	6.64	2400	J
	Unknown Alkane-9	7.09	1300	J
1000193-63-0	Acetic acid, 3,7,11,15-tetramethyl-hexad	7.23	450	J N
	Unknown	7.39	310	J
	Unknown Alkane-10	7.43	410	J
	Unknown Alkane-11	7.47	290	J

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3112.d
Report Date: 20-Sep-2013 13:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3112.d
Lab Smp Id: 460-62968-E-20-A Client Smp ID: PMP-28SE-VD
Inj Date : 16-SEP-2013 00:35
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62968-E-20-A
Misc Info : 460-62968-E-20-A
Comment   :
Method   : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/8270C_11.m
Meth Date : 15-Sep-2013 18:43 czhao Quant Type: ISTD
Cal Date : 06-SEP-2013 18:21 Cal File: z26655.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	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	1.468	1.433	(0.586)	1085353	77.7324	5200
$ 17 Phenol-d5 (SUR)	99	2.268	2.274	(0.906)	1408794	82.3113	5500
* 79 1,4-Dichlorobenzene-d4	152	2.503	2.509	(1.000)	428013	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.080	3.097	(0.804)	683091	42.3120	2800
* 80 Naphthalene-d8	136	3.833	3.844	(1.000)	1582152	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	4.980	4.985	(0.891)	1107970	42.1375	2800
* 82 Acenaphthene-d10	164	5.591	5.597	(1.000)	734817	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.362	6.368	(1.138)	258713	78.8652	5200
115 n-Octadecane	57	7.062	7.062	(1.008)	37349	3.05649	200(a)
* 83 Phenanthrene-d10	188	7.009	7.009	(1.000)	906933	40.0000	
55 Di-n-butylphthalate	149	7.685	7.685	(1.097)	49781	1.90384	130(a)
$ 78 Terphenyl-d14	244	8.573	8.573	(0.901)	599090	43.2071	2900
* 81 Chrysene-d12	240	9.515	9.520	(1.000)	455033	40.0000	

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3112.d
Report Date: 20-Sep-2013 13:07

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 84 Perylene-d12	264	10.844	10.850	(1.000)	314716	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: z3112.d

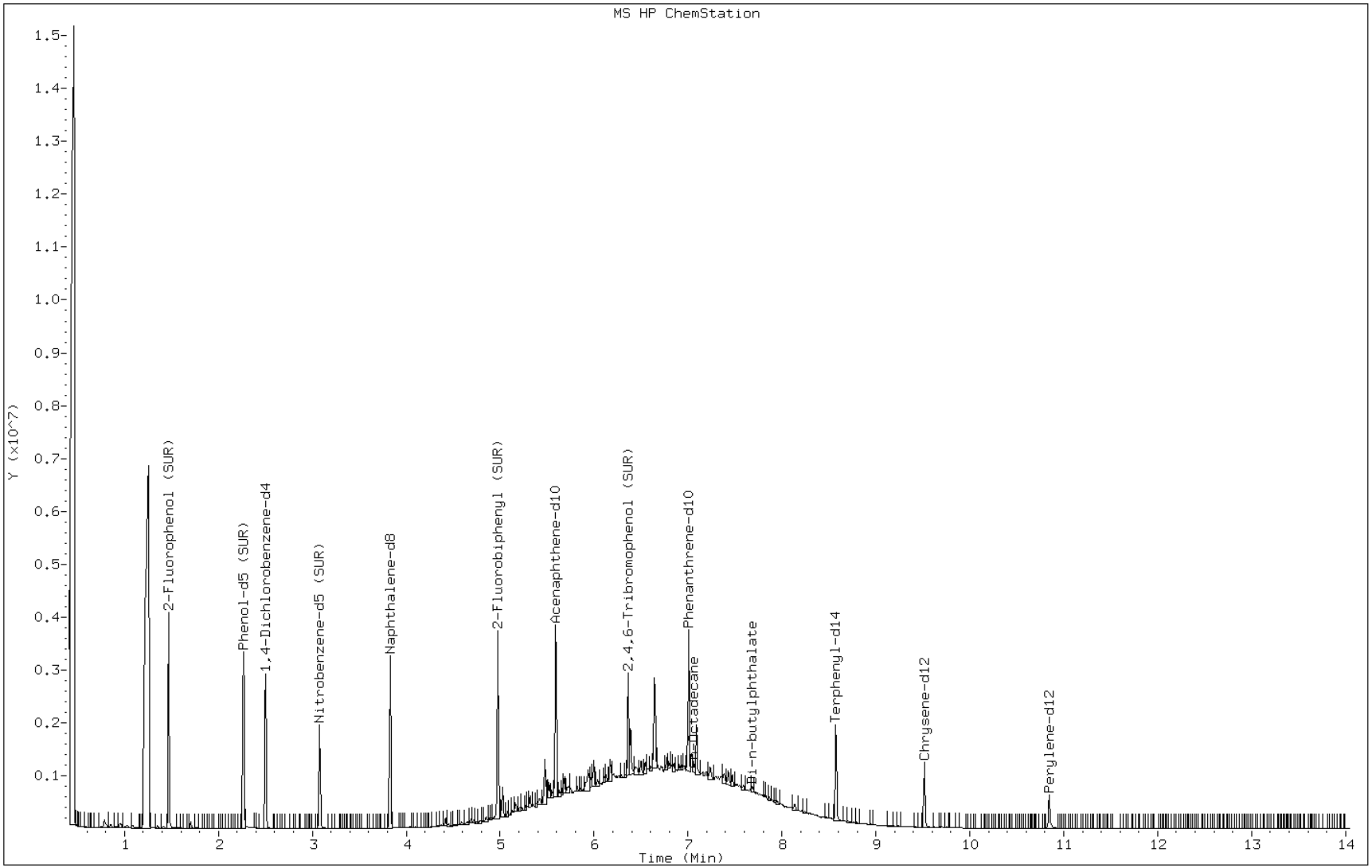
Date: 16-SEP-2013 00:35

Client ID: PMP-28SE-VD

Instrument: BNAMS11.i

Sample Info: 460-62968-E-20-A

Operator: BNAMS 4



Data File: z3112.d

Date: 16-SEP-2013 00:35

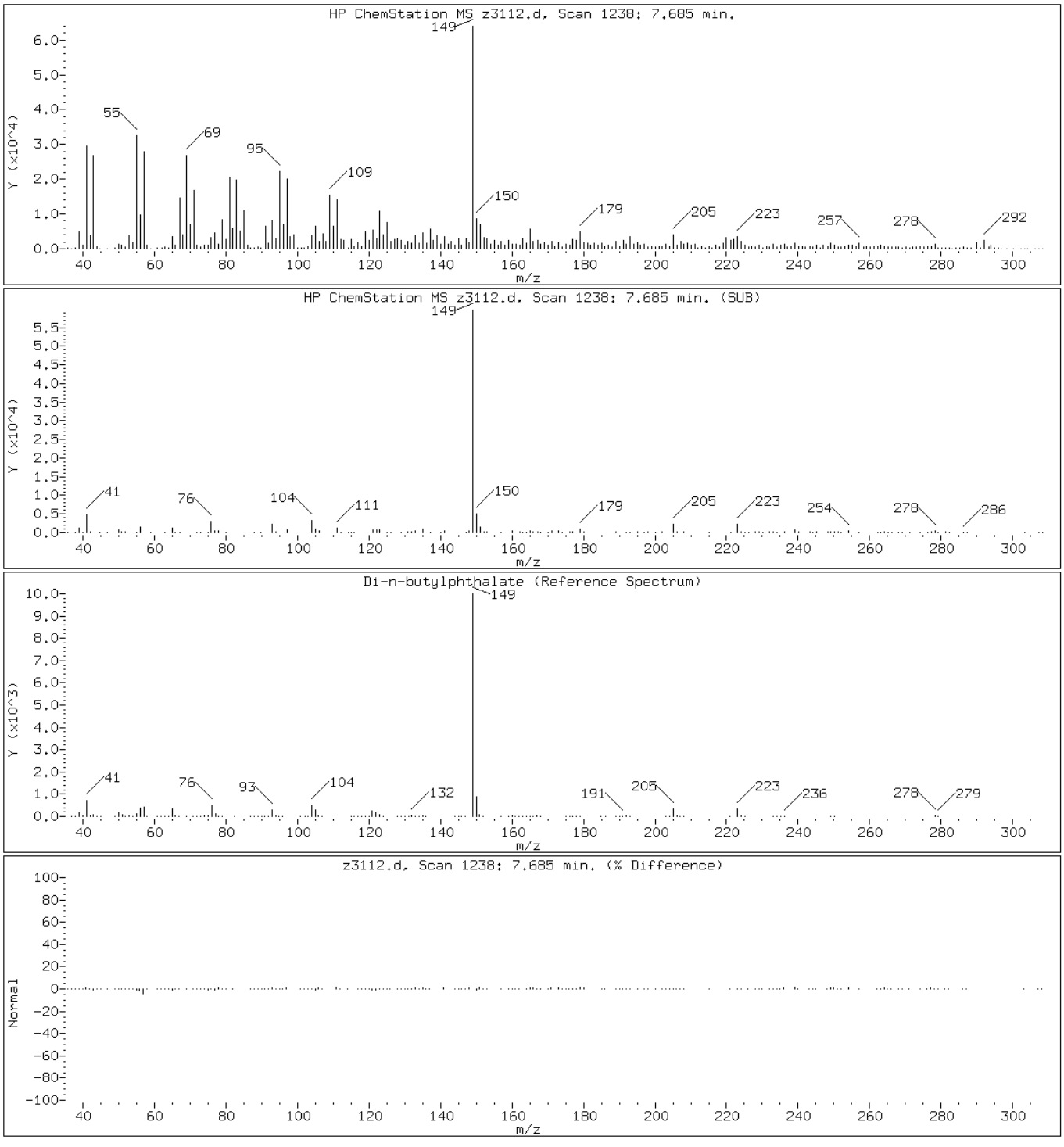
Client ID: PMP-28SE-VD

Instrument: BNAMS11.i

Sample Info: 460-62968-E-20-A

Operator: BNAMS 4

55 Di-n-butylphthalate



Data File: z3112.d

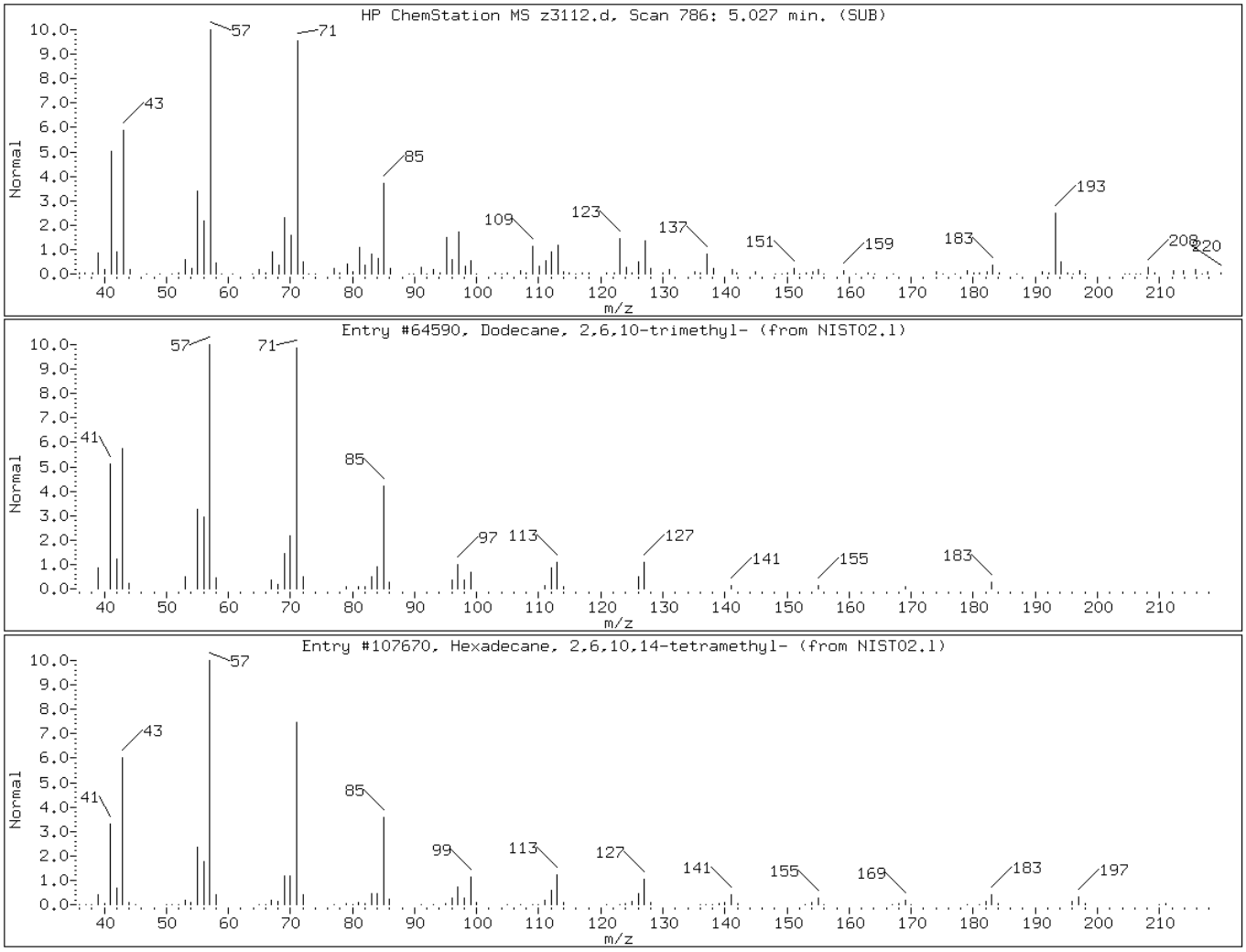
Date: 16-SEP-2013 00:35

Client ID: PMP-28SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-20-A Operator: BNAMS 4

Retention Time: 5.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64590	62	C15H32	212
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	58	C20H42	282



Data File: z3112.d

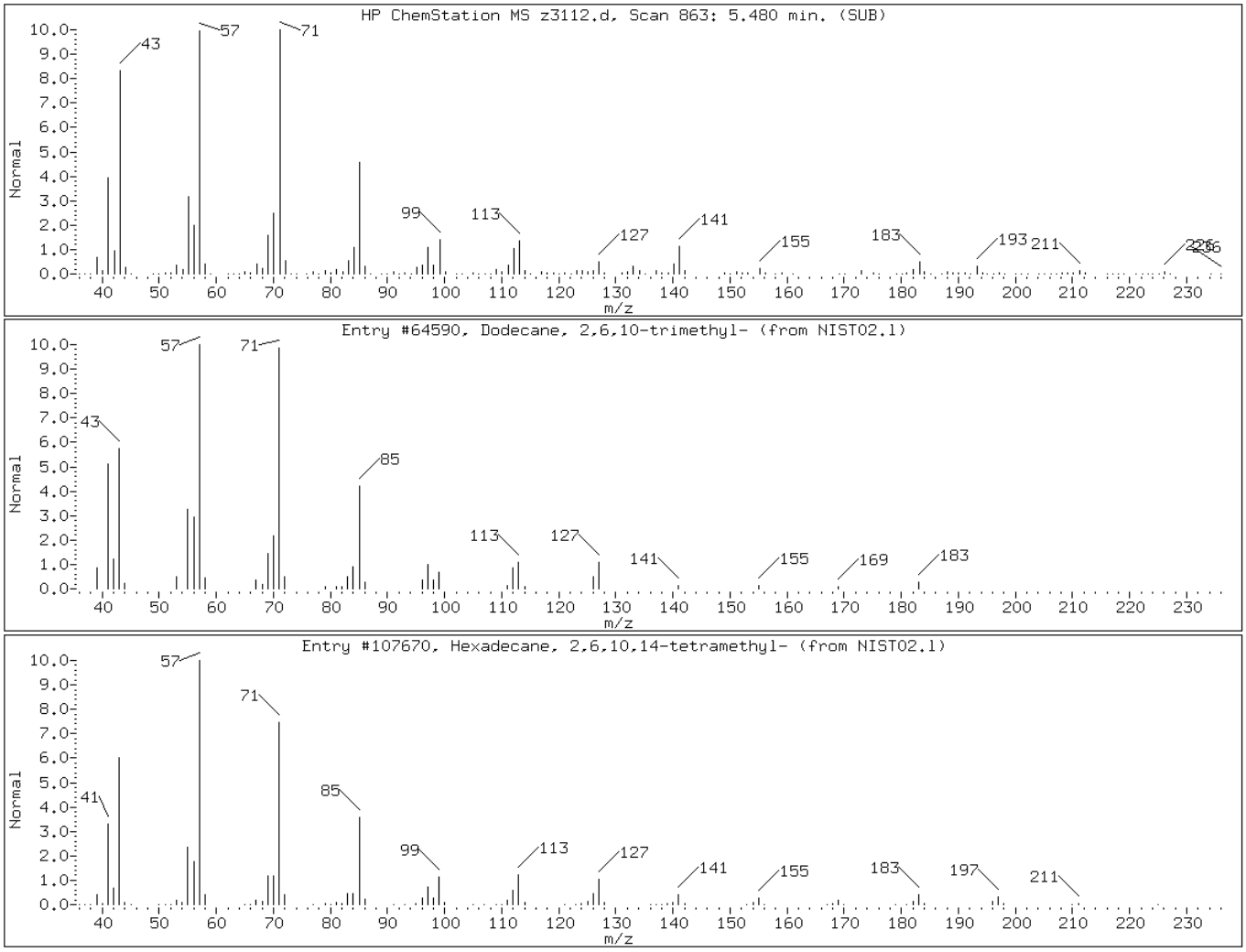
Date: 16-SEP-2013 00:35

Client ID: PMP-28SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-20-A Operator: BNAMS 4

Retention Time: 5.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64590	86	C15H32	212
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	86	C20H42	282



Data File: z3112.d

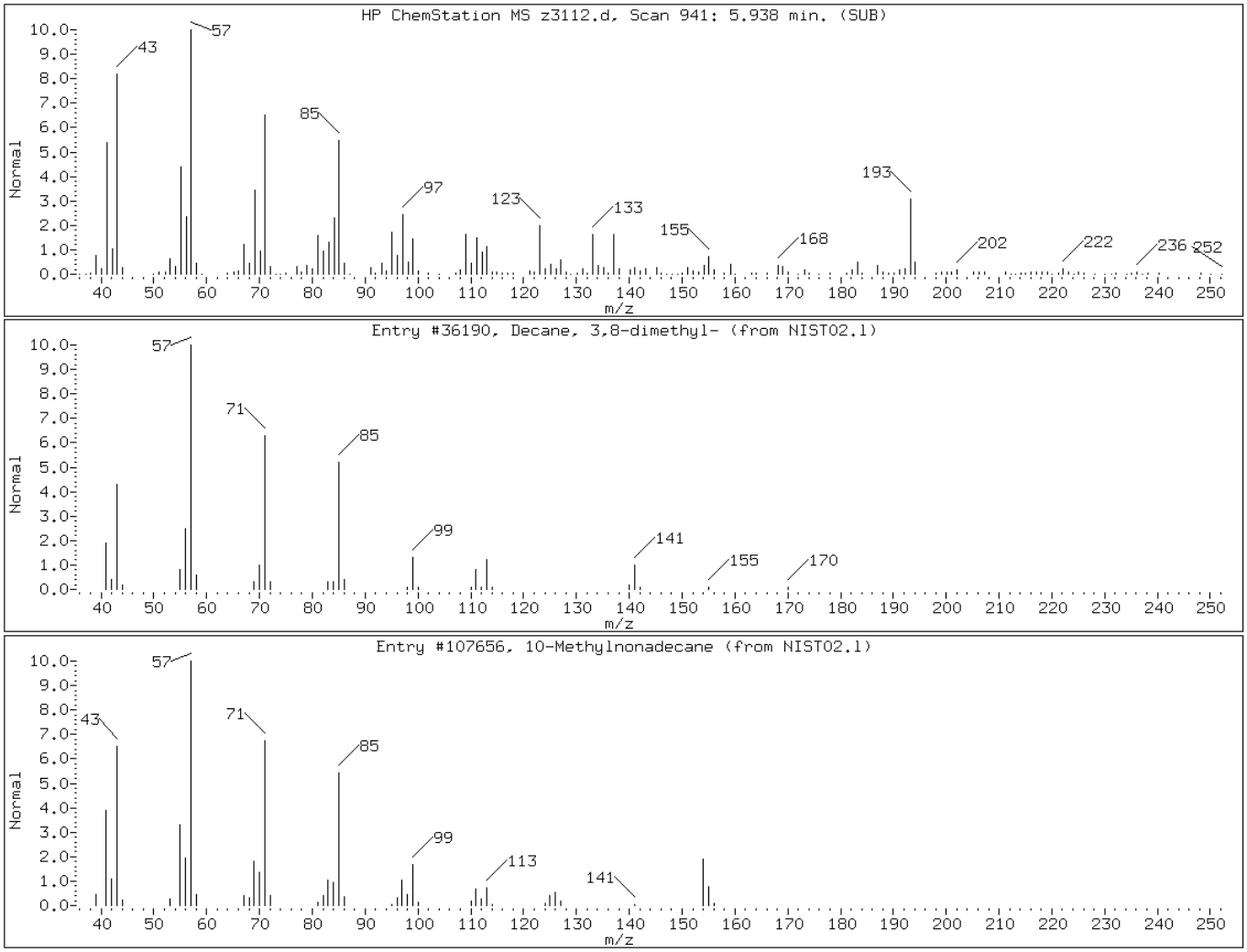
Date: 16-SEP-2013 00:35

Client ID: PMP-28SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-20-A Operator: BNAMS 4

Retention Time: 5.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Decane, 3,8-dimethyl-	17312-55-9	NIST02.l	36190	60	C12H26	170
10-Methylnonadecane	56862-62-5	NIST02.l	107656	43	C20H42	282



Data File: z3112.d

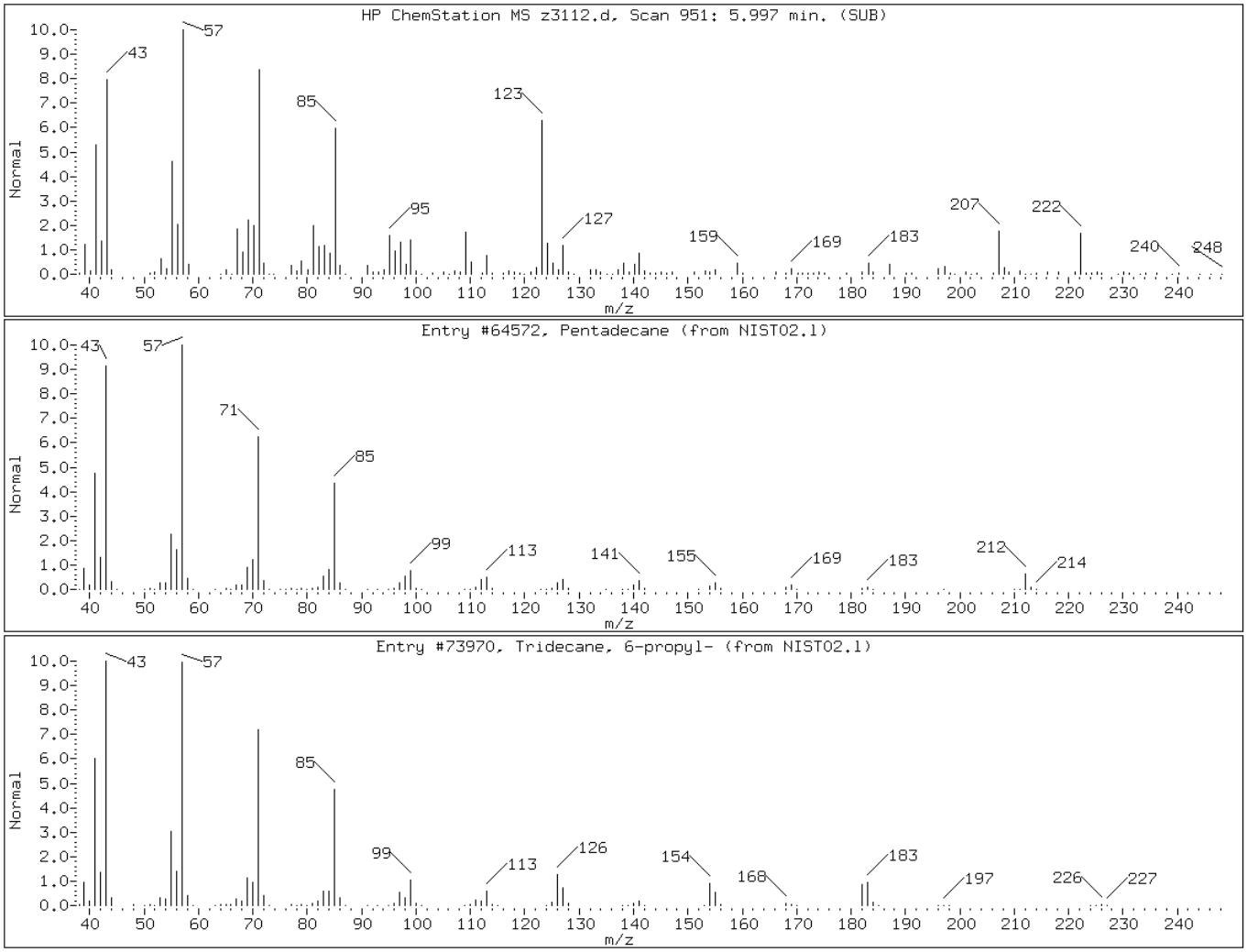
Date: 16-SEP-2013 00:35

Client ID: PMP-28SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-20-A Operator: BNAMS 4

Retention Time: 6.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Pentadecane	629-62-9	NIST02.l	64572	60	C15H32	212
Tridecane, 6-propyl-	55045-10-8	NIST02.l	73970	53	C16H34	226



Data File: z3112.d

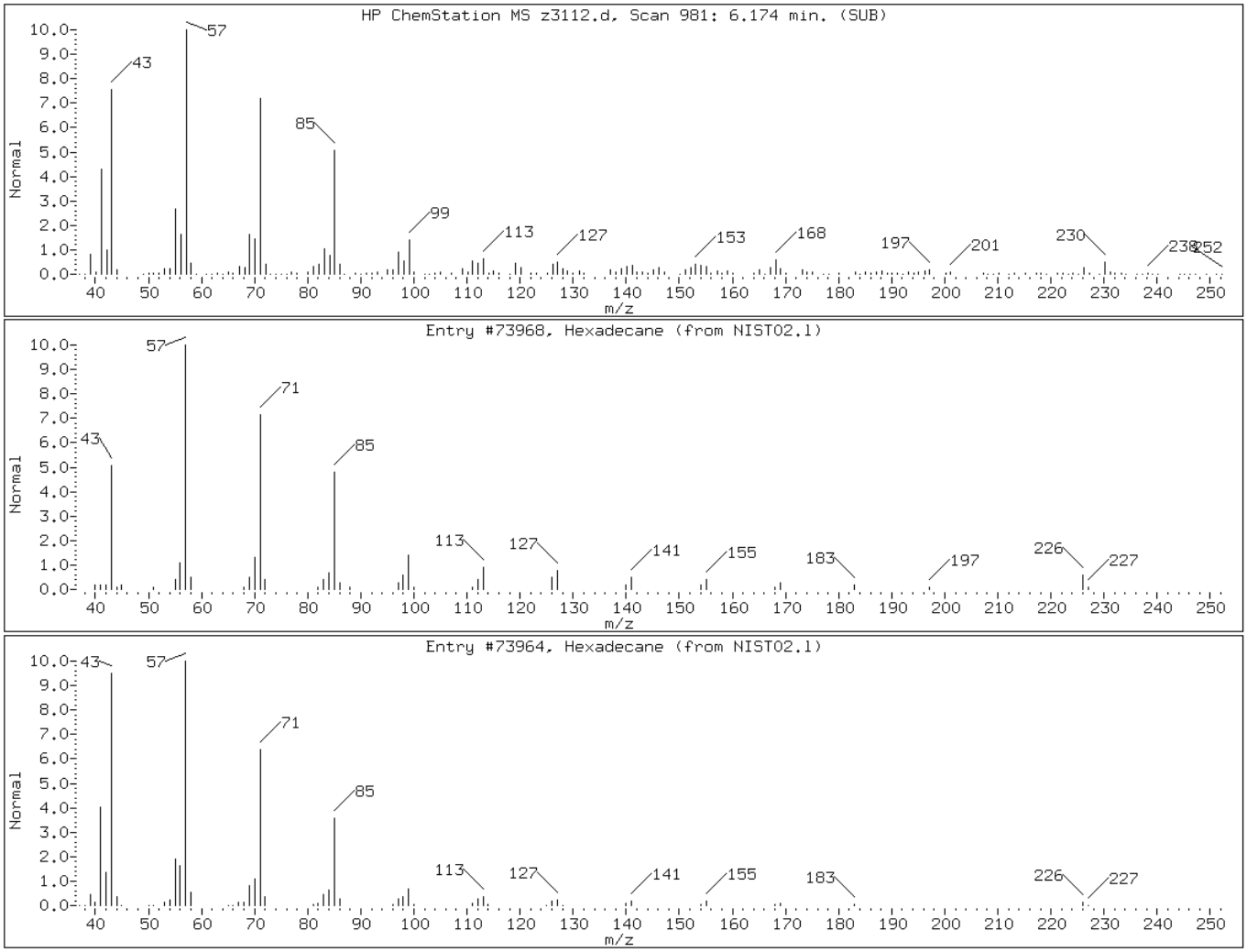
Date: 16-SEP-2013 00:35

Client ID: PMP-28SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-20-A Operator: BNAMS 4

Retention Time: 6.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Hexadecane	544-76-3	NIST02.l	73968	97	C16H34	226
Hexadecane	544-76-3	NIST02.l	73964	95	C16H34	226



Data File: z3112.d

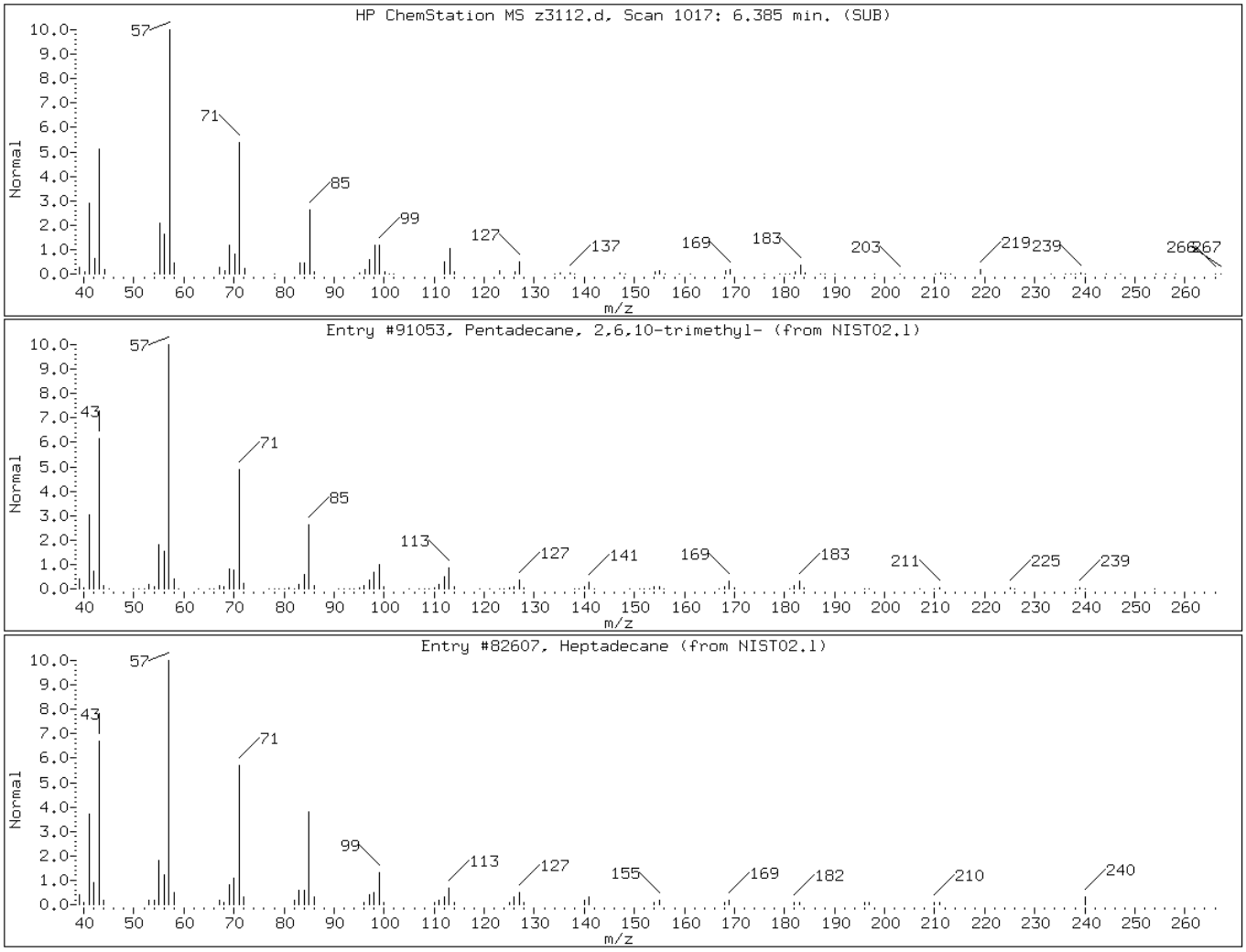
Date: 16-SEP-2013 00:35

Client ID: PMP-28SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-20-A Operator: BNAMS 4

Retention Time: 6.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	90	C18H38	254
Heptadecane	629-78-7	NIST02.l	82607	80	C17H36	240



Data File: z3112.d

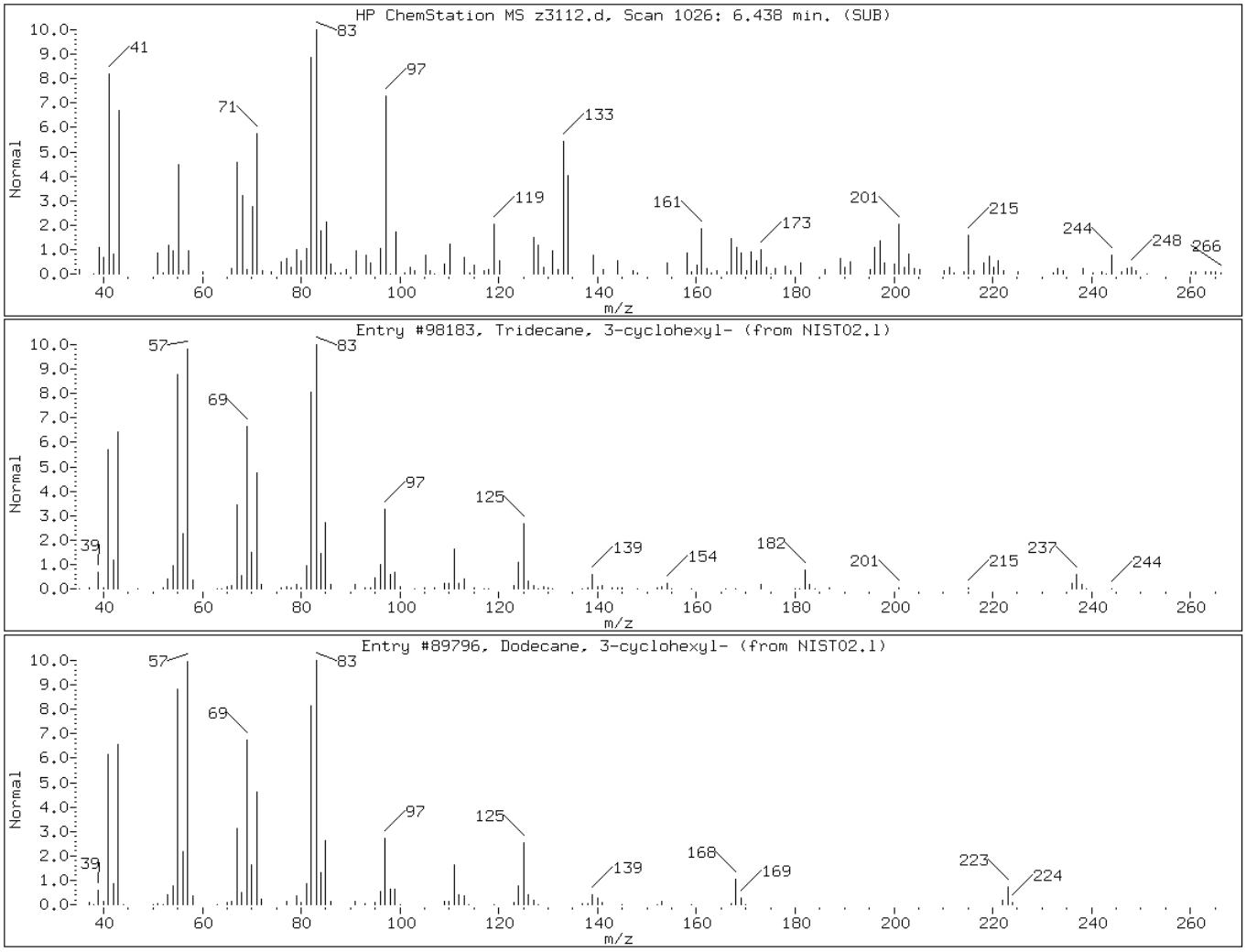
Date: 16-SEP-2013 00:35

Client ID: PMP-28SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-20-A Operator: BNAMS 4

Retention Time: 6.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Tridecane, 3-cyclohexyl-	13151-88-7	NIST02.l	98183	43	C19H38	266
Dodecane, 3-cyclohexyl-	13151-83-2	NIST02.l	89796	43	C18H36	252



Data File: z3112.d

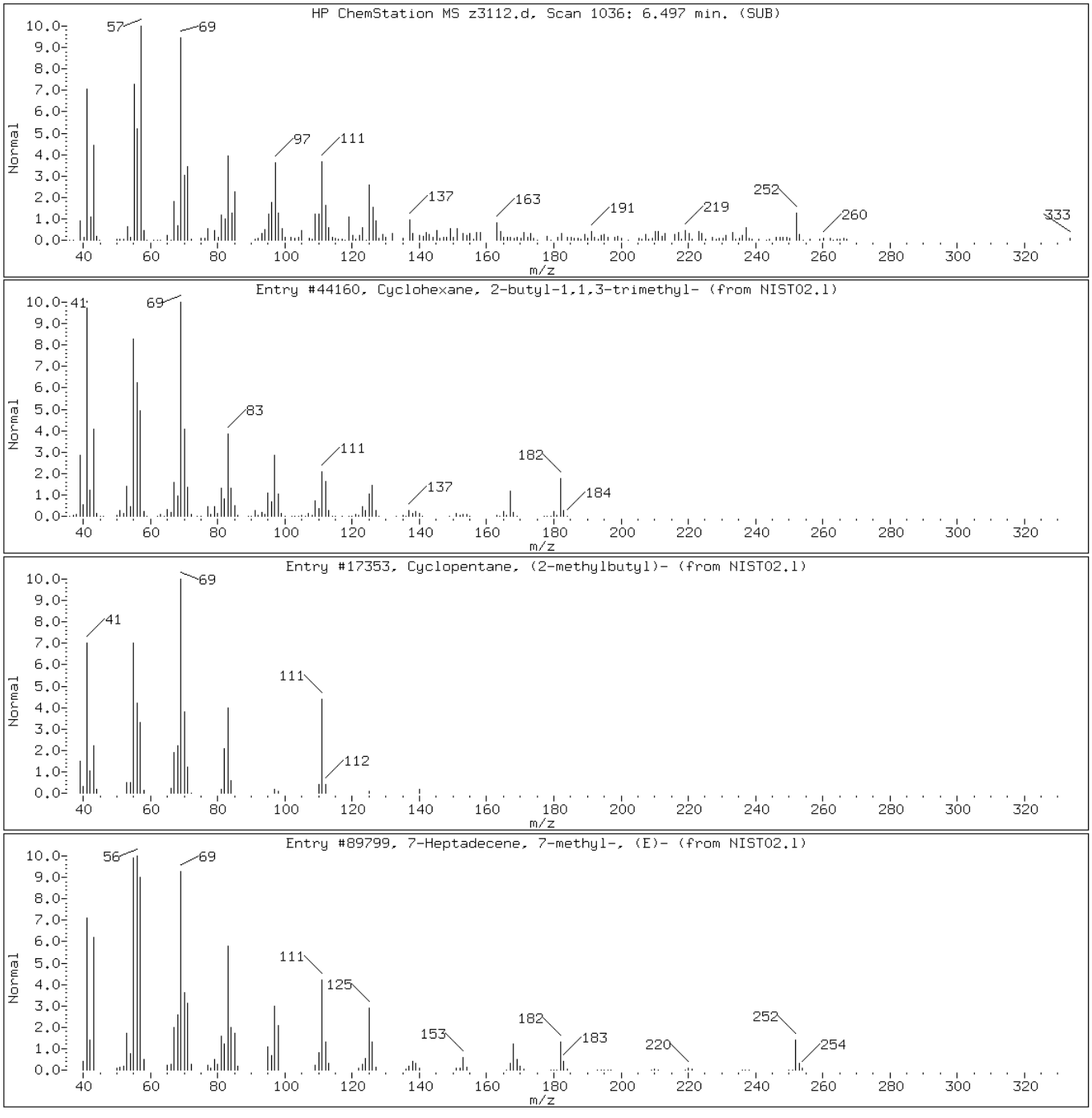
Date: 16-SEP-2013 00:35

Client ID: PMP-28SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-20-A Operator: BNAMS 4

Retention Time: 6.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclohexane, 2-butyl-1,1,3-trimeth	54676-39-0	NIST02.l	44160	90	C13H26	182
Cyclopentane, (2-methylbutyl)-	53366-38-4	NIST02.l	17353	53	C10H20	140
7-Heptadecene, 7-methyl-, (E)-	55044-75-2	NIST02.l	89799	53	C18H36	252



Data File: z3112.d

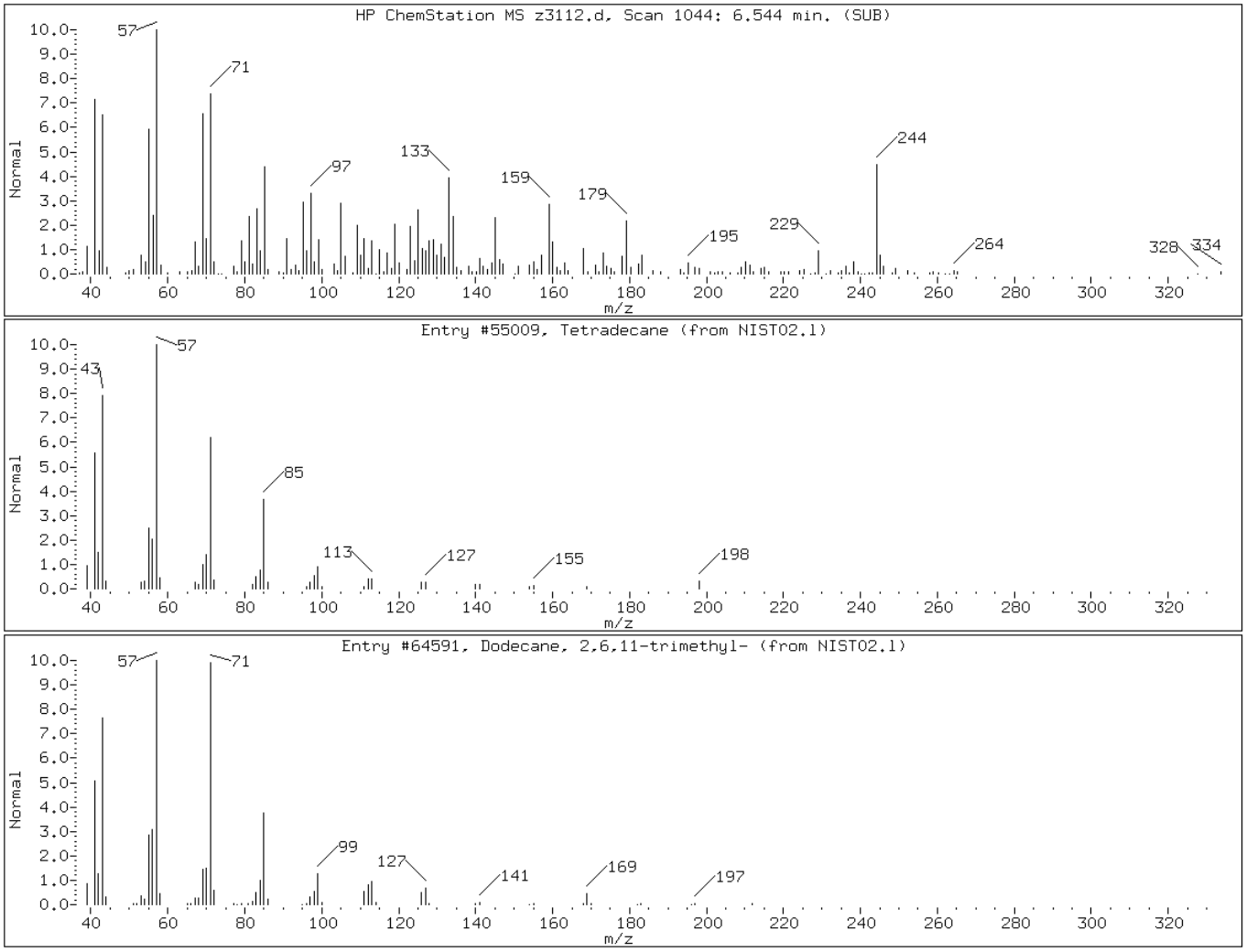
Date: 16-SEP-2013 00:35

Client ID: PMP-28SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-20-A Operator: BNAMS 4

Retention Time: 6.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tetradecane	629-59-4	NIST02.l	55009	38	C14H30	198
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64591	35	C15H32	212



Data File: z3112.d

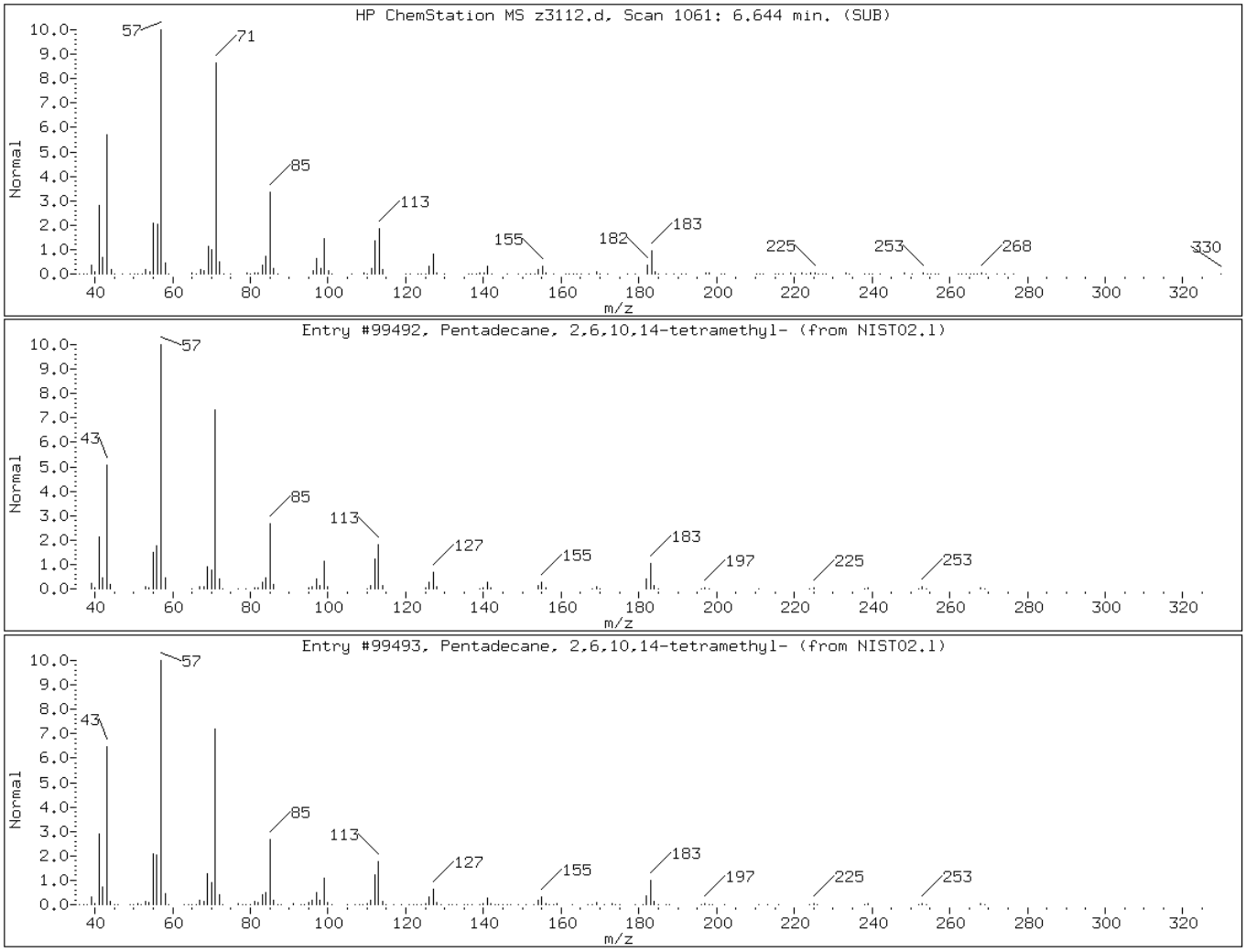
Date: 16-SEP-2013 00:35

Client ID: PMP-28SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-20-A Operator: BNAMS 4

Retention Time: 6.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	91	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	91	C19H40	268



Data File: z3112.d

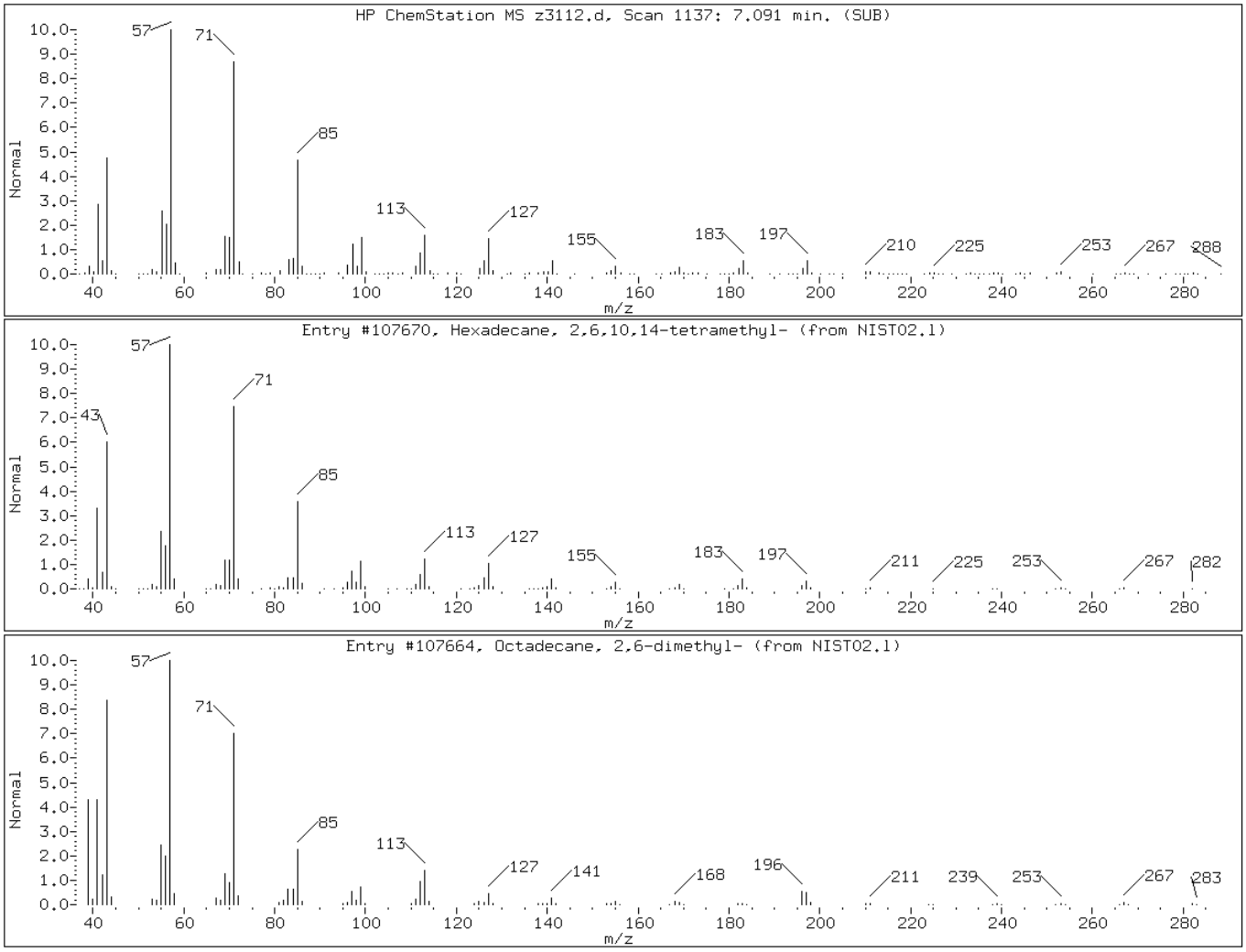
Date: 16-SEP-2013 00:35

Client ID: PMP-28SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-20-A Operator: BNAMS 4

Retention Time: 7.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	95	C20H42	282
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.l	107664	87	C20H42	282



Data File: z3112.d

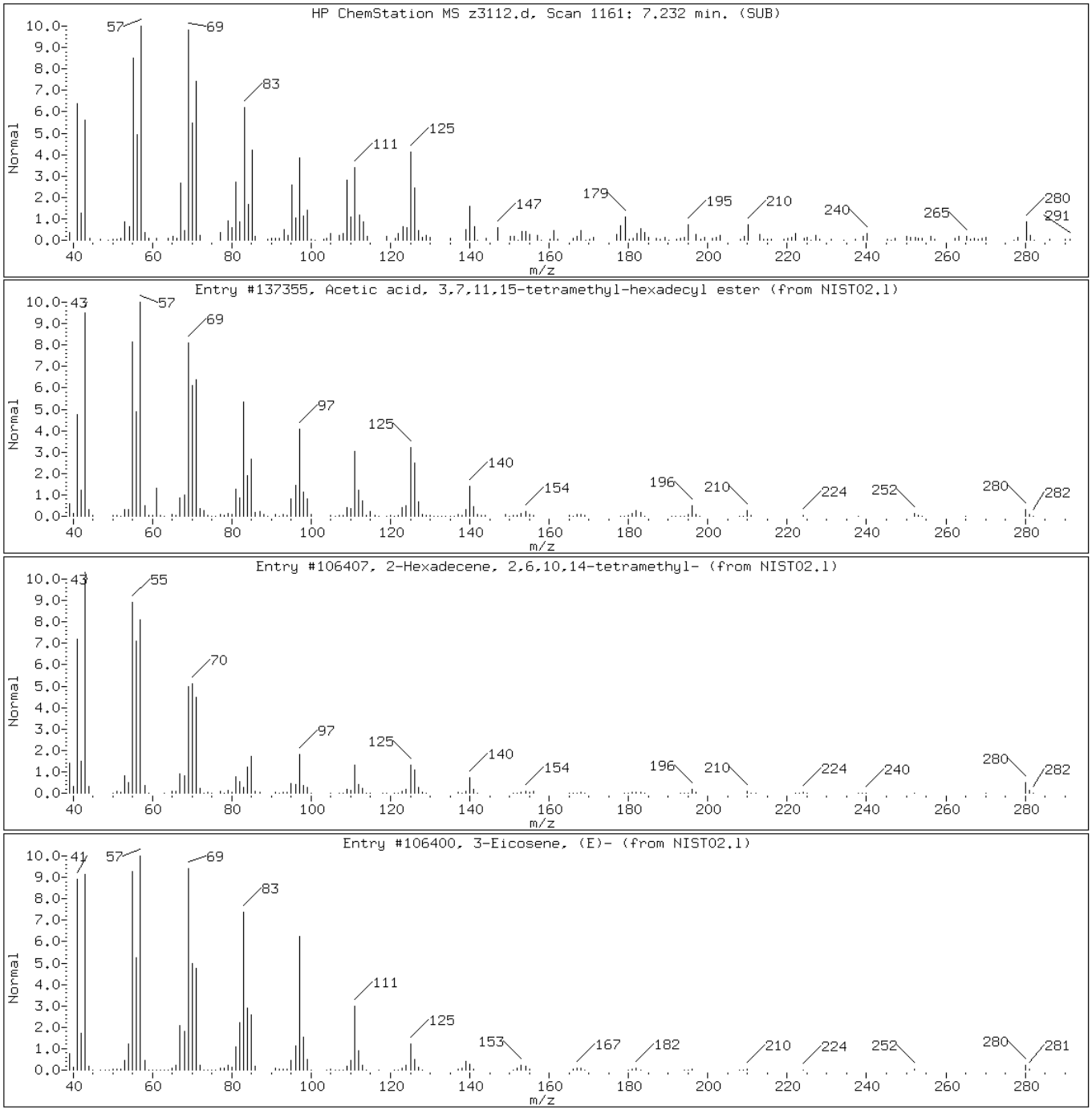
Date: 16-SEP-2013 00:35

Client ID: PMP-28SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-20-A Operator: BNAMS 4

Retention Time: 7.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Acetic acid, 3,7,11,15-tetramethyl	1000193-63-0	NIST02.l	137355	87	C22H44O2	340
2-Hexadecene, 2,6,10,14-tetramethy	56554-34-8	NIST02.l	106407	84	C20H40	280
3-Eicosene, (E)-	74685-33-9	NIST02.l	106400	64	C20H40	280



Data File: z3112.d

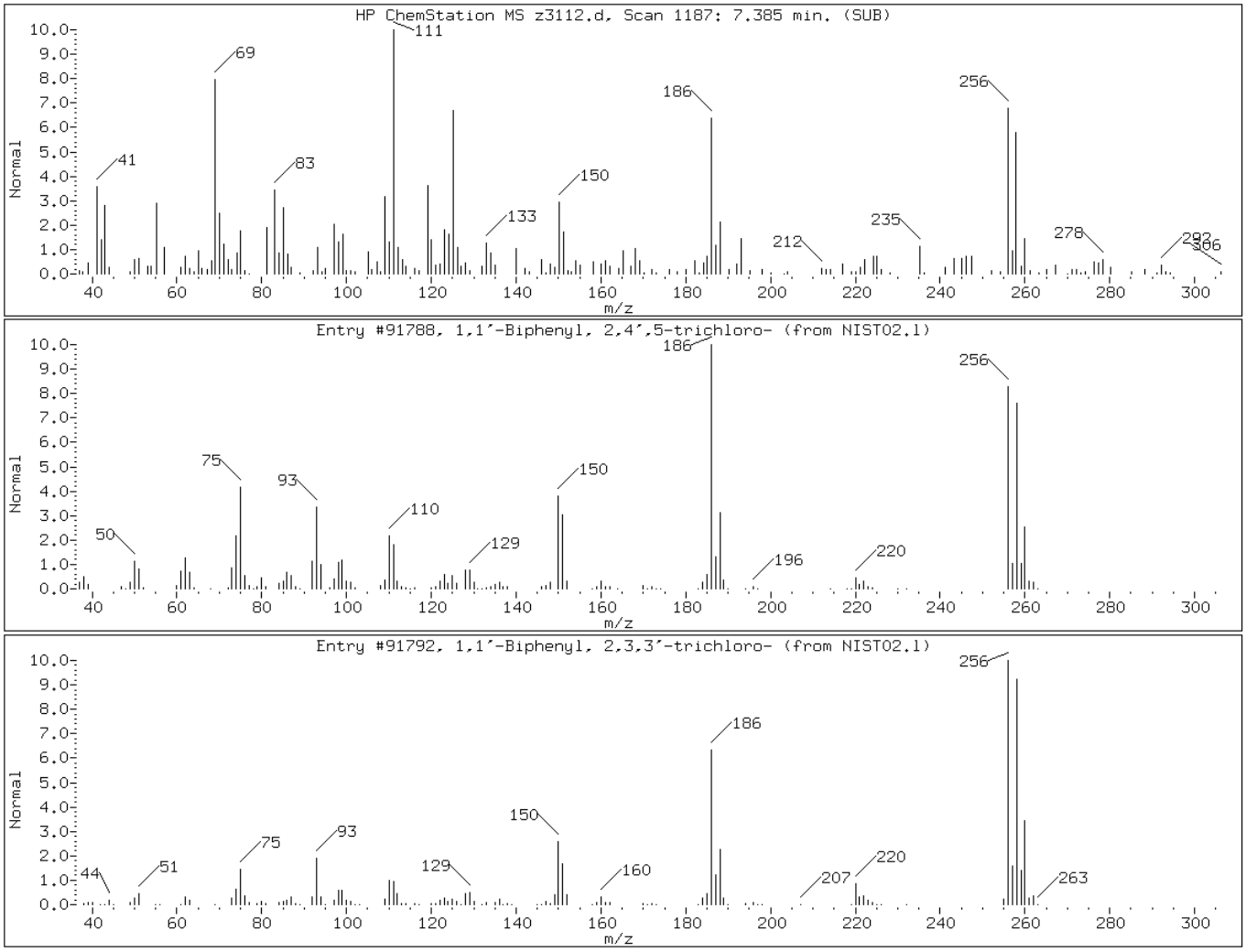
Date: 16-SEP-2013 00:35

Client ID: PMP-28SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-20-A Operator: BNAMS 4

Retention Time: 7.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	59	C12H7Cl3	256
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.l	91792	52	C12H7Cl3	256



Data File: z3112.d

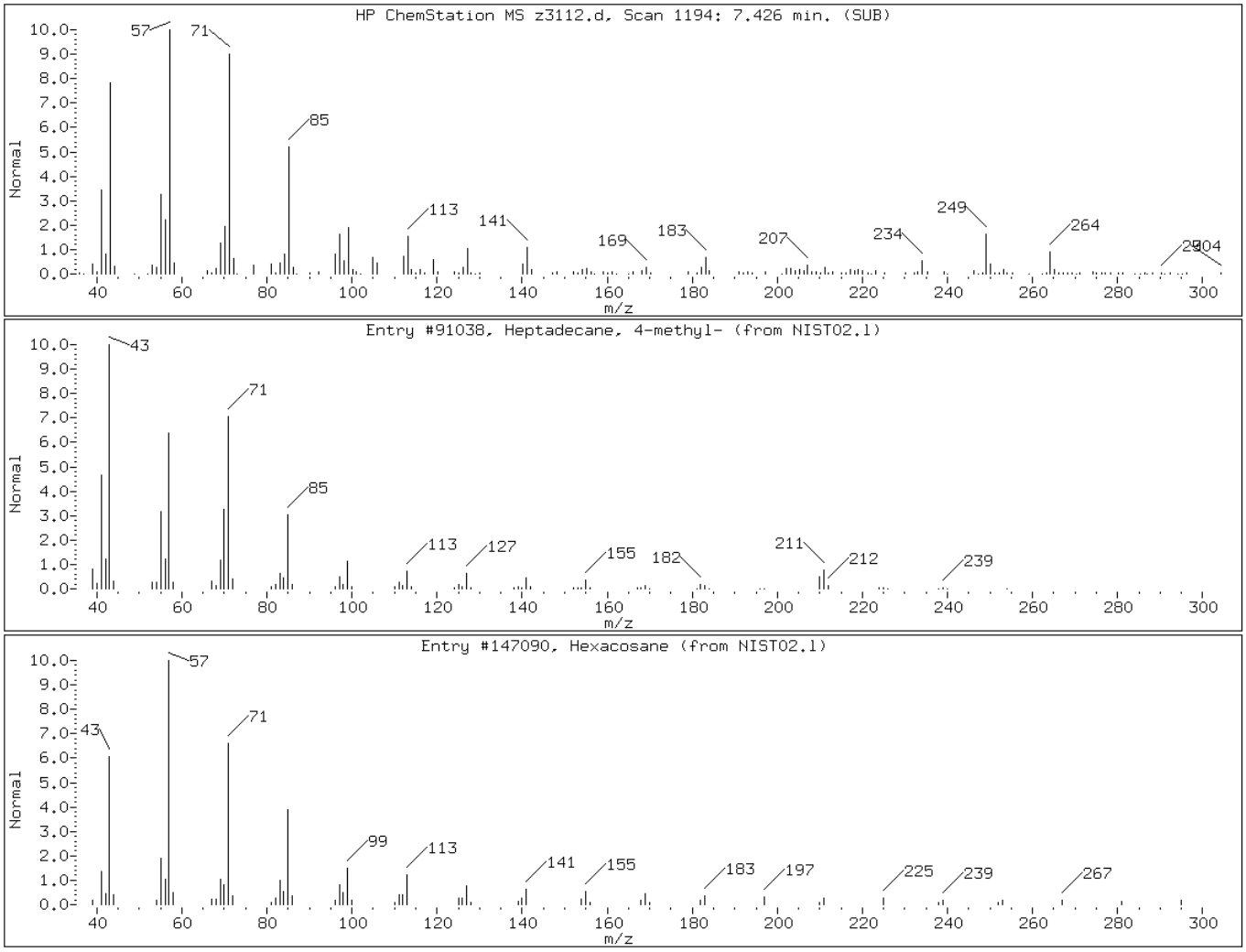
Date: 16-SEP-2013 00:35

Client ID: PMP-28SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-20-A Operator: BNAMS 4

Retention Time: 7.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Heptadecane, 4-methyl-	26429-11-8	NIST02.l	91038	87	C18H38	254
Hexacosane	630-01-3	NIST02.l	147090	83	C26H54	366



Data File: z3112.d

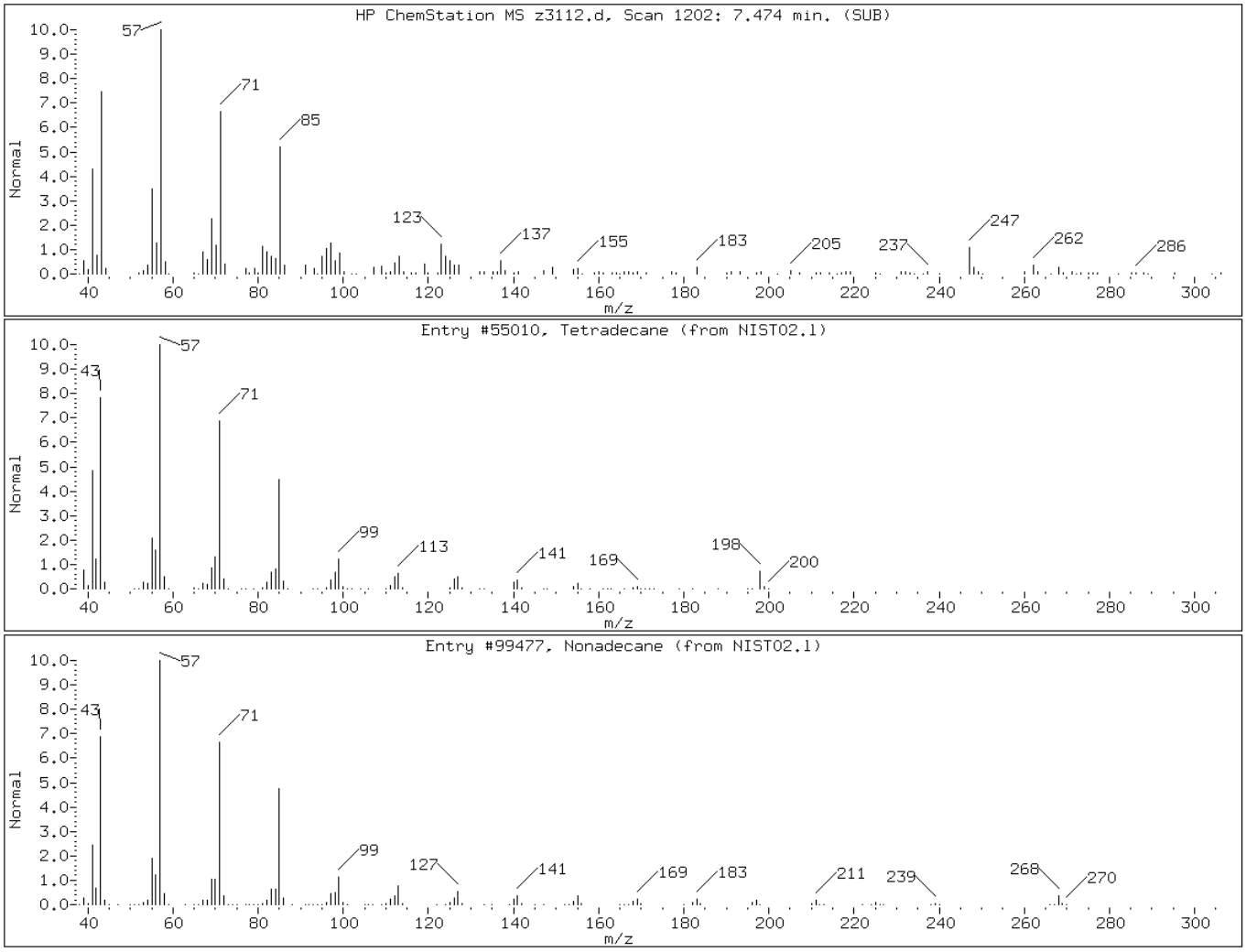
Date: 16-SEP-2013 00:35

Client ID: PMP-28SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-20-A Operator: BNAMS 4

Retention Time: 7.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Tetradecane	629-59-4	NIST02.l	55010	70	C14H30	198
Nonadecane	629-92-5	NIST02.l	99477	70	C19H40	268



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-WT | Lab Sample ID: 460-62968-21

Matrix: Solid | Lab File ID: z3128.d

Analysis Method: 8270C | Date Collected: 09/12/2013 12:05

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.02(g) | Date Analyzed: 09/16/2013 05:54

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.: 181524 | 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	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-WT | Lab Sample ID: 460-62968-21

Matrix: Solid | Lab File ID: z3128.d

Analysis Method: 8270C | Date Collected: 09/12/2013 12:05

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.02(g) | Date Analyzed: 09/16/2013 05:54

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.: 181524 | 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	120	J	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	150	J	380	32
218-01-9	Chrysene	45	U	380	45
207-08-9	Benzo[k]fluoranthene	2.9	U	38	2.9
191-24-2	Benzo[g,h,i]perylene	28	U	380	28
205-99-2	Benzo[b]fluoranthene	2.4	U	38	2.4
50-32-8	Benzo[a]pyrene	2.7	U	38	2.7
56-55-3	Benzo[a]anthracene	2.7	U	38	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	380	38
85-68-7	Butyl benzyl phthalate	35	U	380	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	380	130
117-84-0	Di-n-octyl phthalate	24	U	380	24
193-39-5	Indeno[1,2,3-cd]pyrene	7.1	U	38	7.1
53-70-3	Dibenz(a,h)anthracene	4.8	U	38	4.8
91-94-1	3,3'-Dichlorobenzidine	130	U	780	130
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	380	52
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	380	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-WT | Lab Sample ID: 460-62968-21

Matrix: Solid | Lab File ID: z3128.d

Analysis Method: 8270C | Date Collected: 09/12/2013 12:05

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.02(g) | Date Analyzed: 09/16/2013 05:54

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.: 181524 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	88		38-105
4165-62-2	Phenol-d5	84		41-118
1718-51-0	Terphenyl-d14	73		16-151
118-79-6	2,4,6-Tribromophenol	77		10-120
367-12-4	2-Fluorophenol	80		37-125
321-60-8	2-Fluorobiphenyl	90		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-WT | Lab Sample ID: 460-62968-21

Matrix: Solid | Lab File ID: z3128.d

Analysis Method: 8270C | Date Collected: 09/12/2013 12:05

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.02(g) | Date Analyzed: 09/16/2013 05:54

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.: 181524 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 91900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	5.03	4300	J
	Unknown Alkane-2	5.17	2600	J
	Unknown Alkane-3	5.43	2900	J
	Unknown Alkane-4	5.50	8600	J
	Unknown Alkane-5	5.70	6100	J
	Unknown-2	5.74	2700	J
	Unknown Alkane-7	5.96	3900	J
	Unknown Alkane-8	6.01	2800	J
	Unknown Alkane-10	6.20	6100	J
	Unknown Alkane-11	6.41	13000	J
	Unknown Alkane-12	6.68	15000	J
593-45-3	n-Octadecane	7.09	8400	
	Unknown Alkane-13	7.11	7500	J
	Unknown Alkane-14	7.25	3500	J
	Unknown Alkane-16	7.49	4500	J

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3128.d
Report Date: 20-Sep-2013 13:13

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3128.d
Lab Smp Id: 460-62968-E-21-A Client Smp ID: PMP-28SE-WT
Inj Date : 16-SEP-2013 05:54
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62968-E-21-A
Misc Info : 460-62968-E-21-A
Comment   :
Method   : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/8270C_11.m
Meth Date : 15-Sep-2013 18:43 czhao Quant Type: ISTD
Cal Date : 06-SEP-2013 18:21 Cal File: z26655.d
Als bottle: 26
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	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	1.462	1.433	(0.584)	1096326	79.9615	5300
$ 17 Phenol-d5 (SUR)	99	2.268	2.274	(0.906)	1413776	84.1206	5600
* 79 1,4-Dichlorobenzene-d4	152	2.503	2.509	(1.000)	420288	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.080	3.097	(0.804)	640747	43.8389	2900
30 1,2,4-Trichlorobenzene	180	3.792	3.803	(0.989)	1704	0.13905	9.2(aH)
* 80 Naphthalene-d8	136	3.833	3.844	(1.000)	1432386	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	4.980	4.985	(0.889)	909885	44.8896	3000
* 82 Acenaphthene-d10	164	5.603	5.597	(1.000)	566449	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.380	6.368	(1.139)	194660	76.9772	5100
115 n-Octadecane	57	7.085	7.062	(1.008)	963614	108.861	7200
* 83 Phenanthrene-d10	188	7.027	7.009	(1.000)	656973	40.0000	
55 Di-n-butylphthalate	149	7.697	7.685	(1.095)	29316	1.54774	100(a)
57 Pyrene	202	8.362	8.356	(0.878)	31603	1.97214	130(a)

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3128.d
Report Date: 20-Sep-2013 13:13

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 78 Terphenyl-d14	244	8.580	8.573	(0.901)	419226	36.6872	2400
* 81 Chrysene-d12	240	9.521	9.520	(1.000)	375007	40.0000	
* 84 Perylene-d12	264	10.844	10.850	(1.000)	326629	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: z3128.d

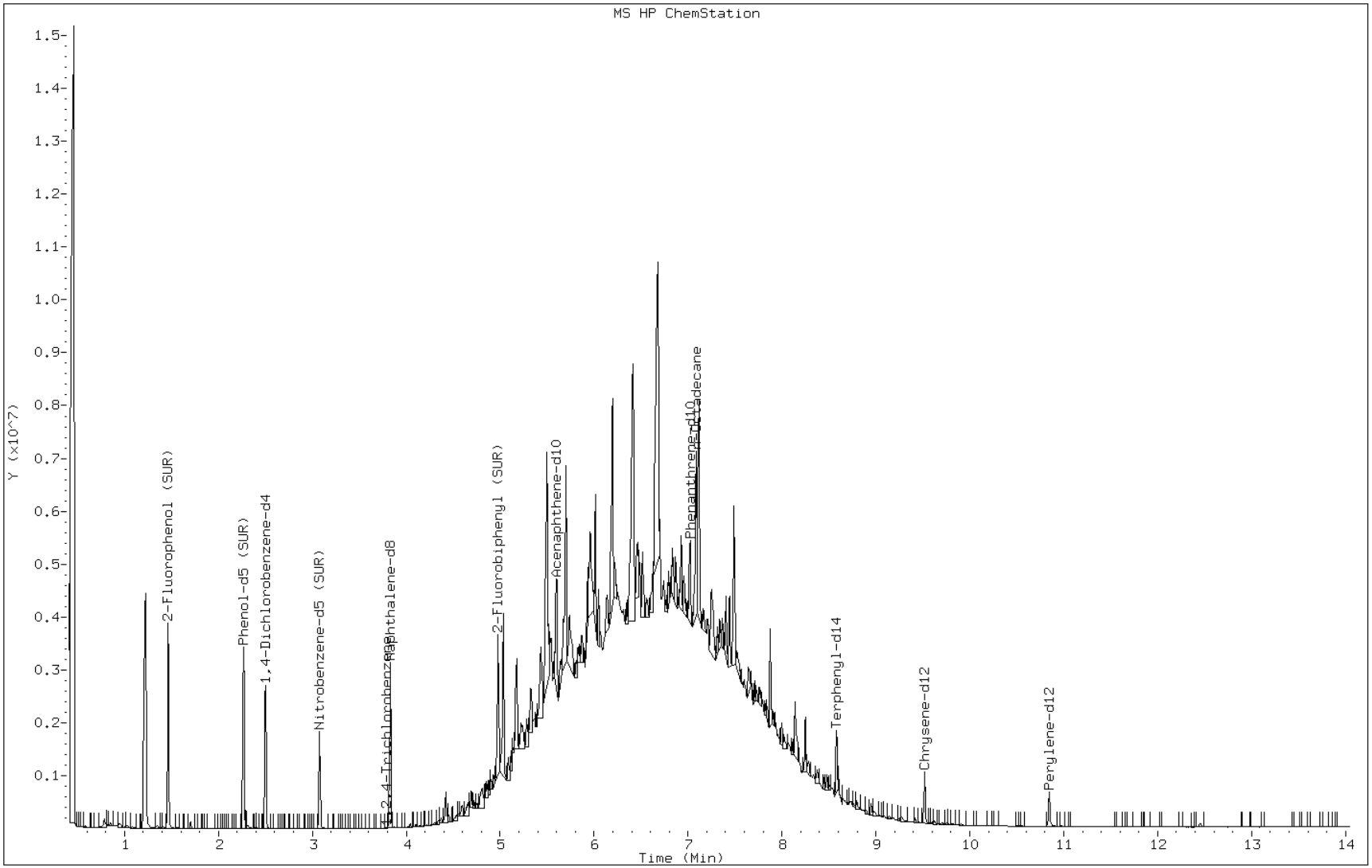
Date: 16-SEP-2013 05:54

Client ID: PMP-28SE-WT

Instrument: BNAMS11.i

Sample Info: 460-62968-E-21-A

Operator: BNAMS 4



Data File: z3128.d

Date: 16-SEP-2013 05:54

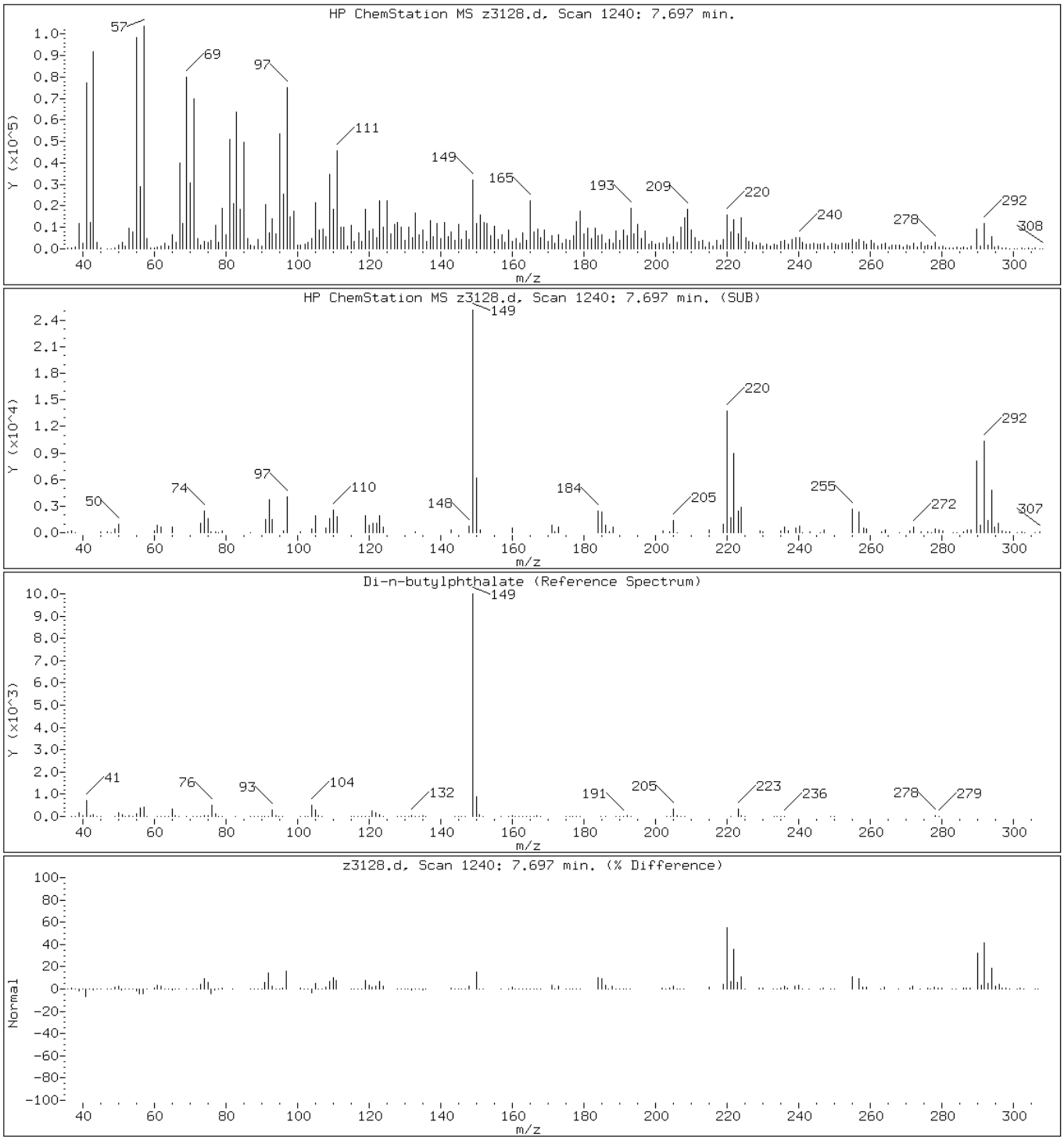
Client ID: PMP-28SE-WT

Instrument: BNAMS11.i

Sample Info: 460-62968-E-21-A

Operator: BNAMS 4

55 Di-n-butylphthalate



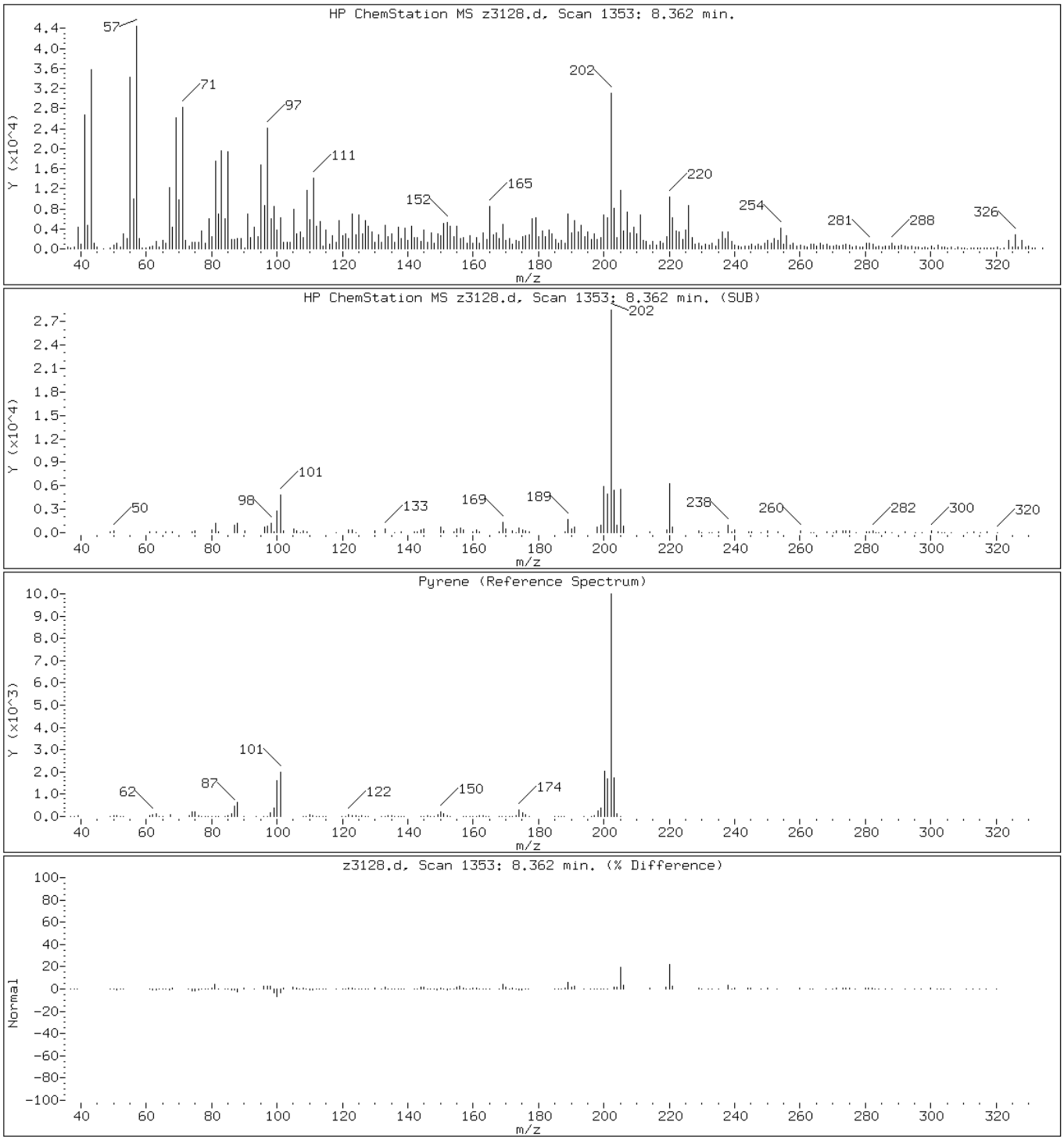
Data File: z3128.d

Date: 16-SEP-2013 05:54

Client ID: PMP-28SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-21-A Operator: BNAMS 4

57 Pyrene



Data File: z3128.d

Date: 16-SEP-2013 05:54

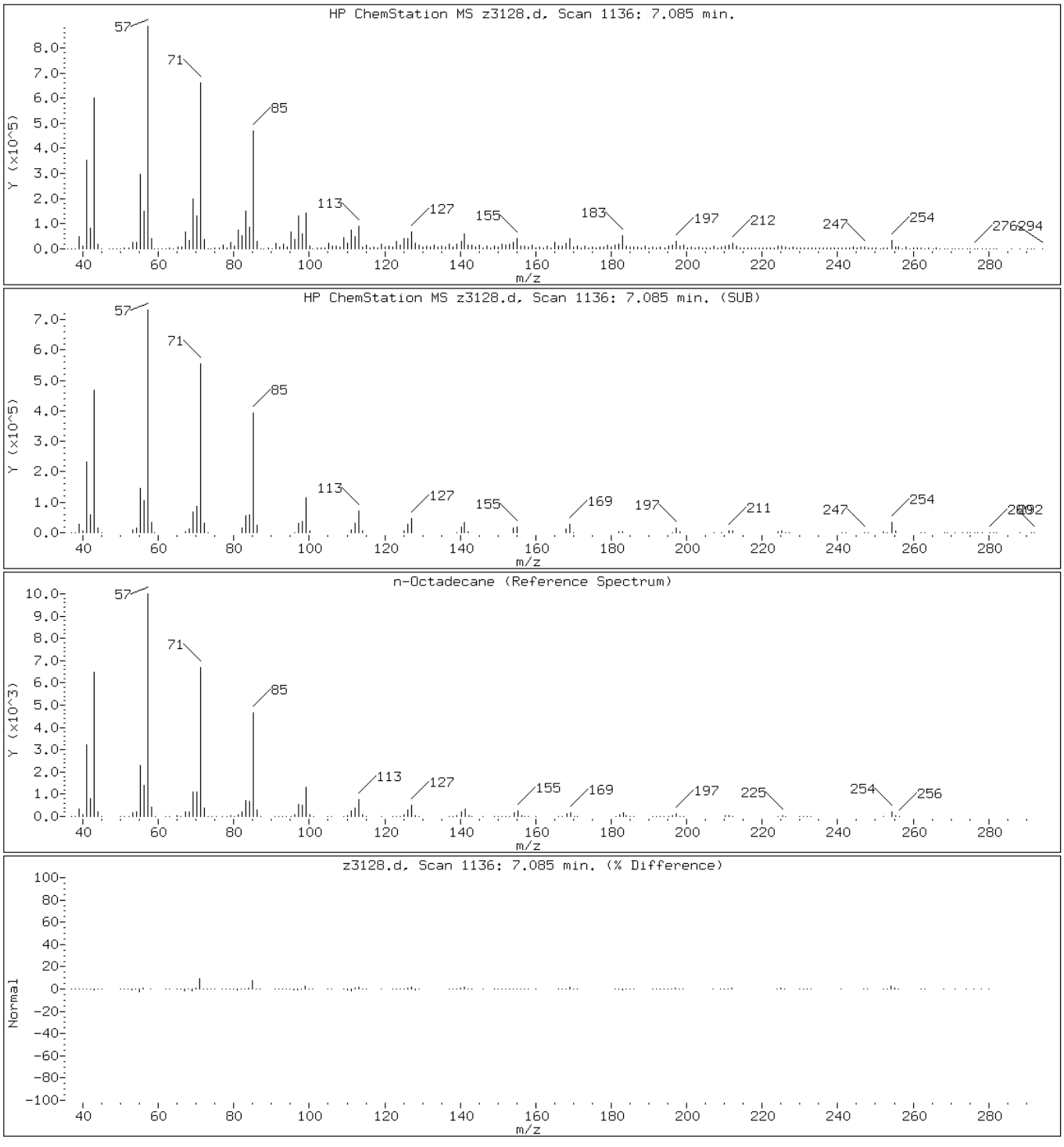
Client ID: PMP-28SE-WT

Instrument: BNAMS11.i

Sample Info: 460-62968-E-21-A

Operator: BNAMS 4

115 n-Octadecane



Data File: z3128.d

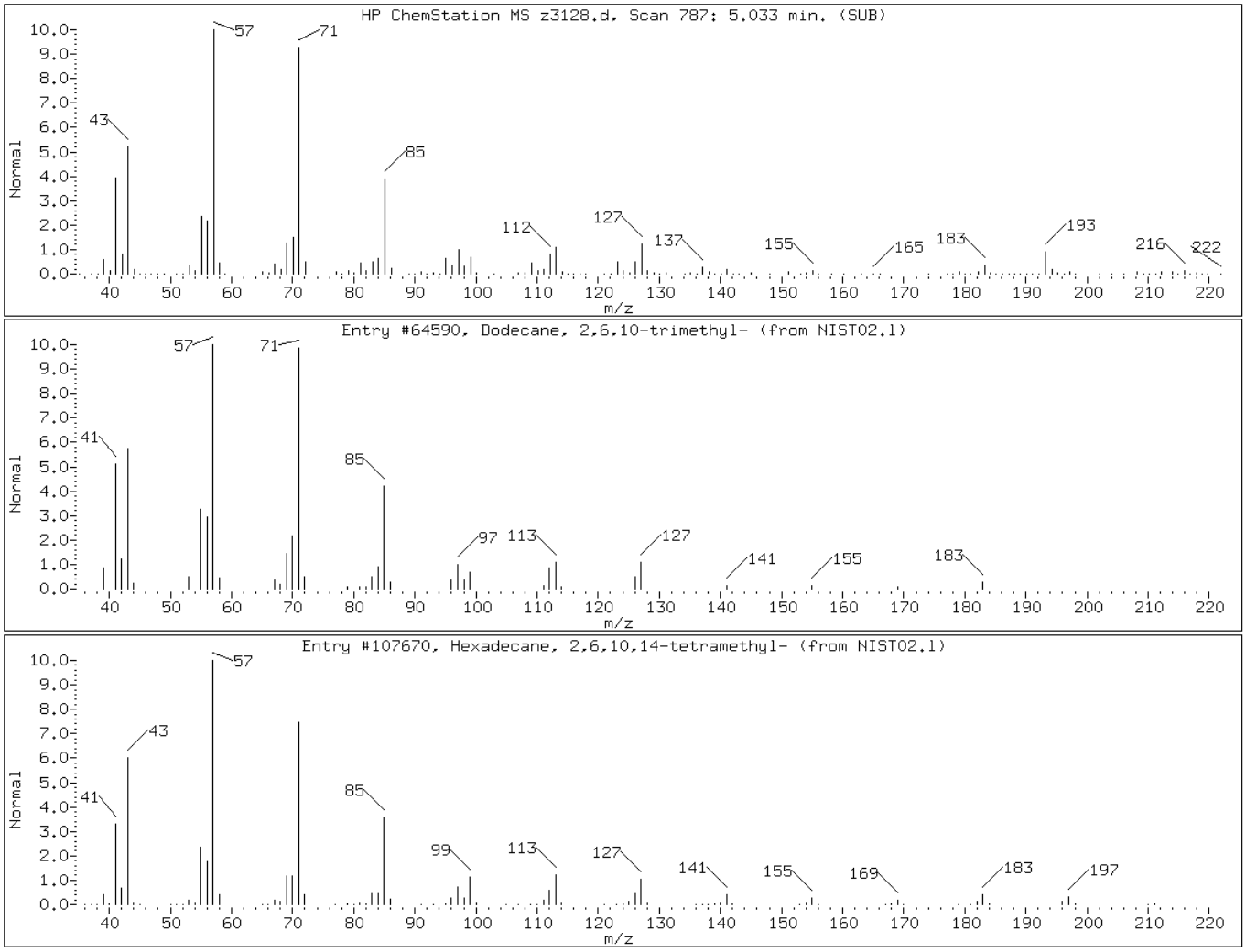
Date: 16-SEP-2013 05:54

Client ID: PMP-28SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-21-A Operator: BNAMS 4

Retention Time: 5.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64590	87	C15H32	212
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	86	C20H42	282



Data File: z3128.d

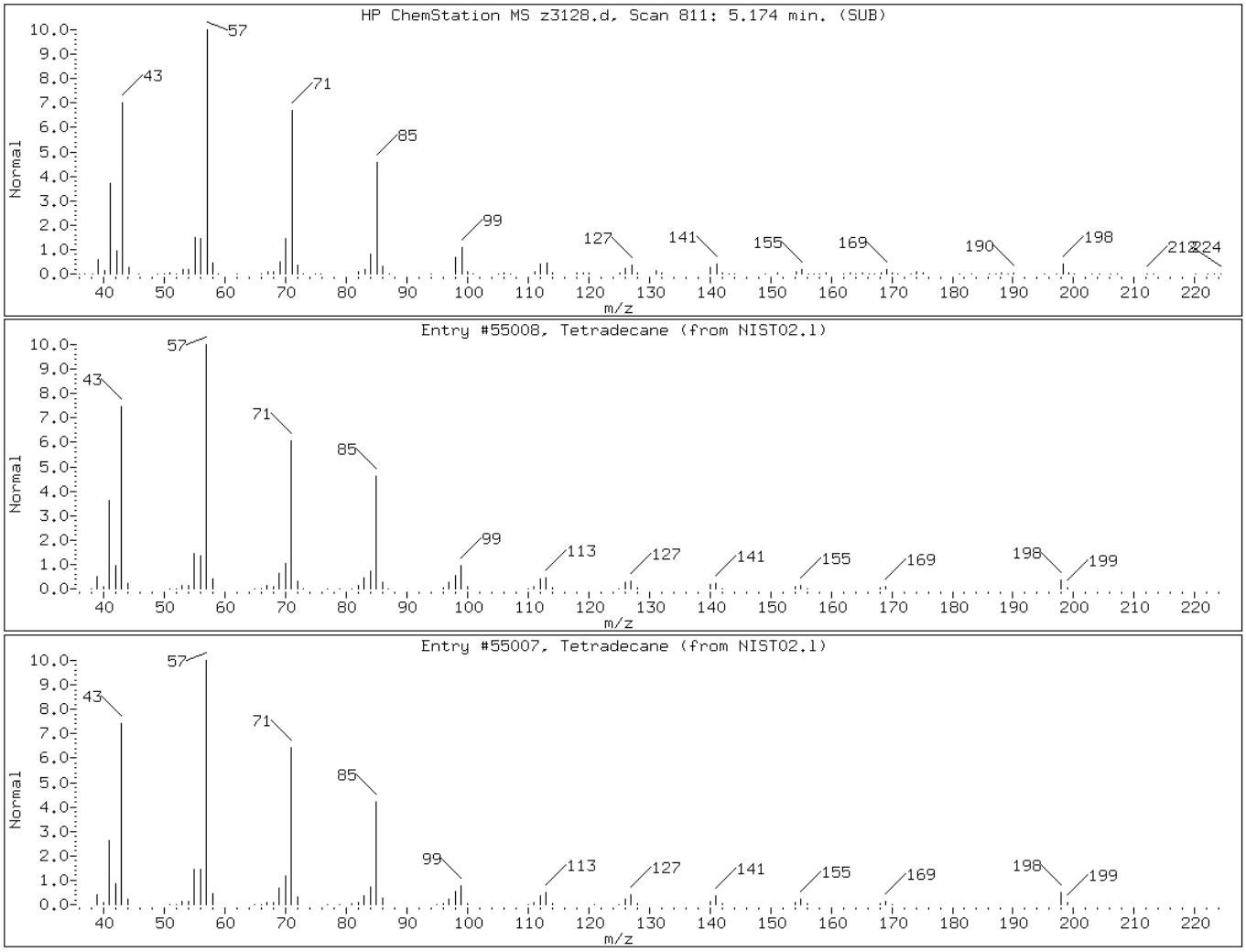
Date: 16-SEP-2013 05:54

Client ID: PMP-28SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-21-A Operator: BNAMS 4

Retention Time: 5.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Tetradecane	629-59-4	NIST02.l	55008	98	C14H30	198
Tetradecane	629-59-4	NIST02.l	55007	95	C14H30	198



Data File: z3128.d

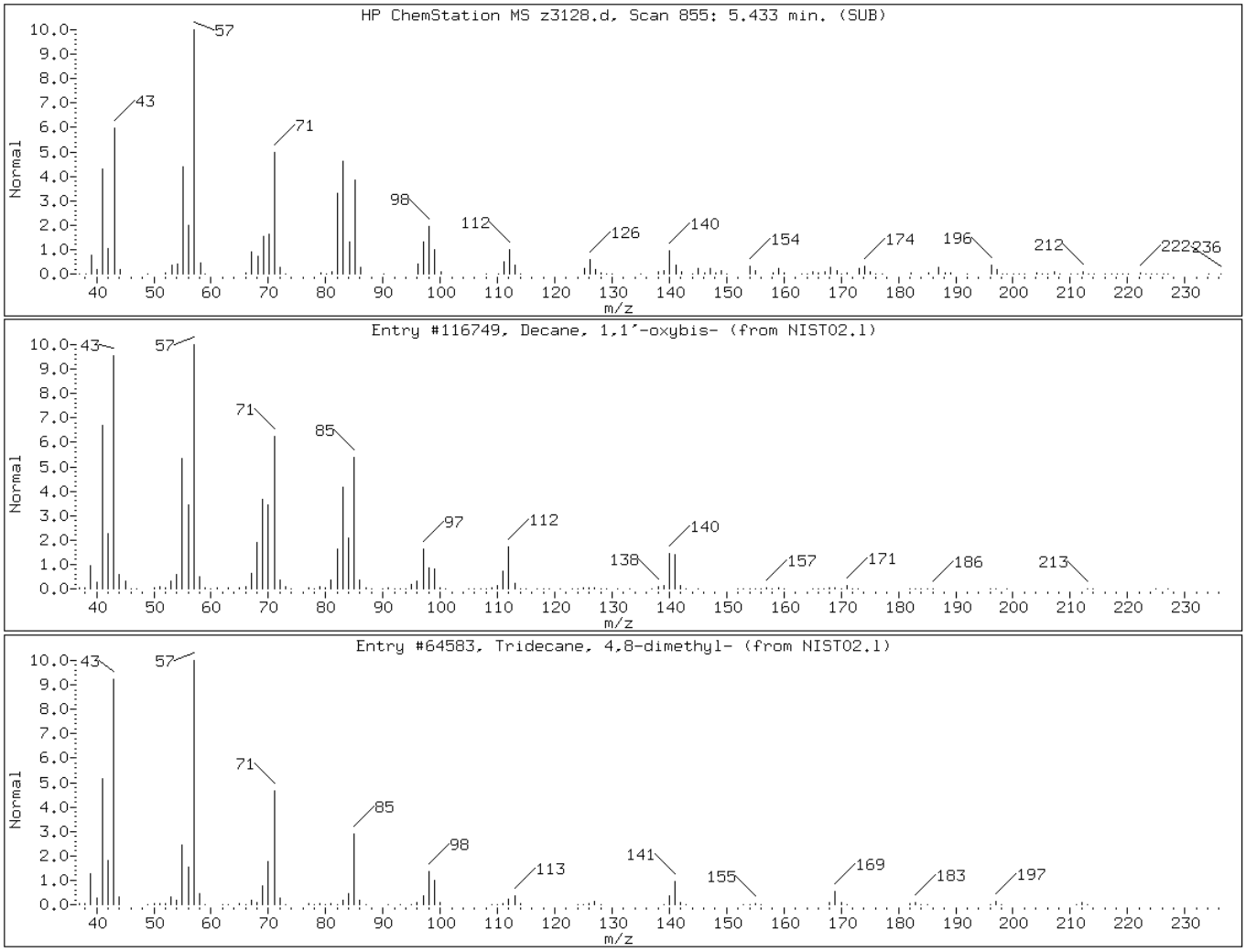
Date: 16-SEP-2013 05:54

Client ID: PMP-28SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-21-A Operator: BNAMS 4

Retention Time: 5.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Decane, 1,1'-oxybis-	2456-28-2	NIST02.l	116749	49	C20H42O	298
Tridecane, 4,8-dimethyl-	55030-62-1	NIST02.l	64583	46	C15H32	212



Data File: z3128.d

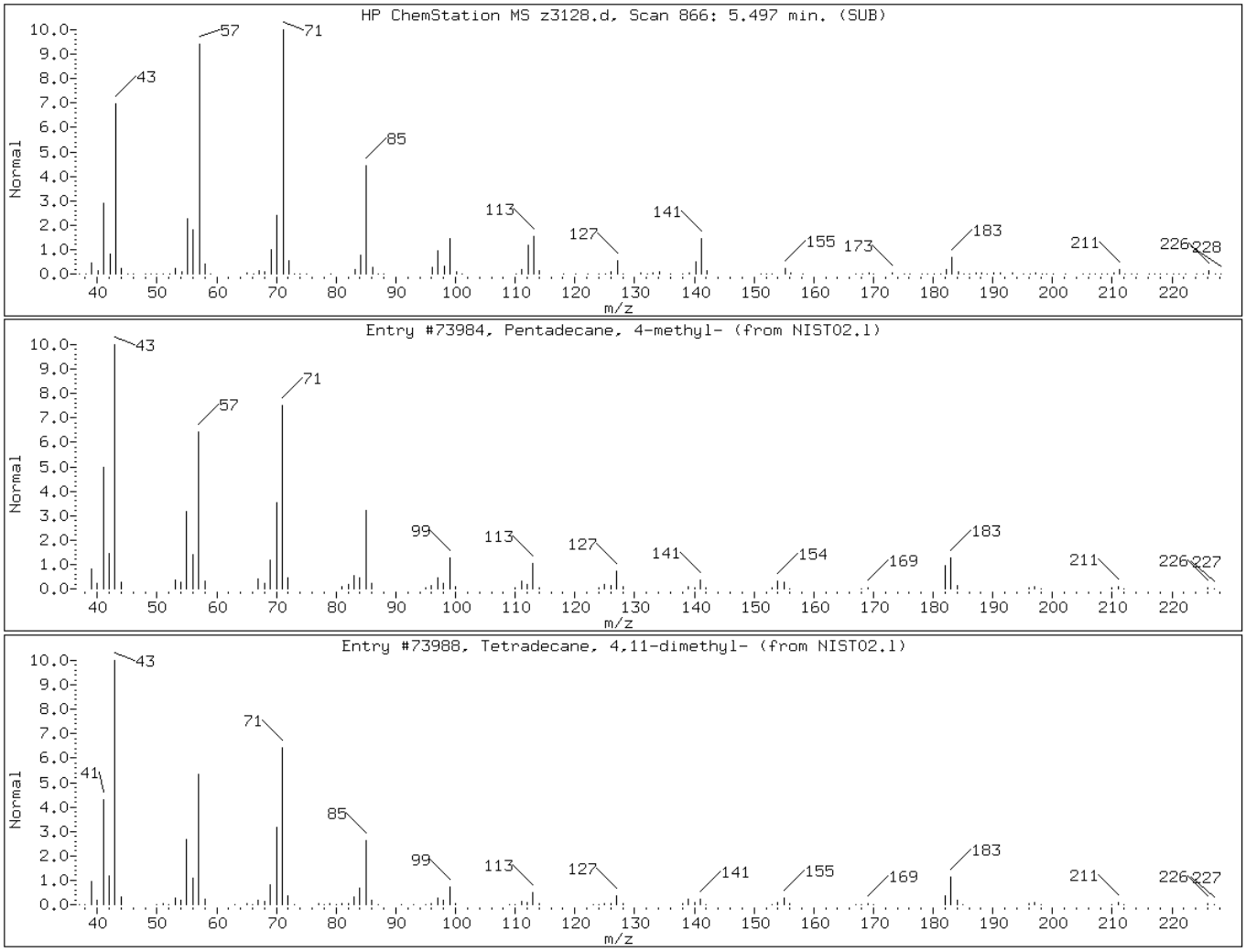
Date: 16-SEP-2013 05:54

Client ID: PMP-28SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-21-A Operator: BNAMS 4

Retention Time: 5.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Pentadecane, 4-methyl-	2801-87-8	NIST02.l	73984	81	C16H34	226
Tetradecane, 4,11-dimethyl-	55045-12-0	NIST02.l	73988	76	C16H34	226



Data File: z3128.d

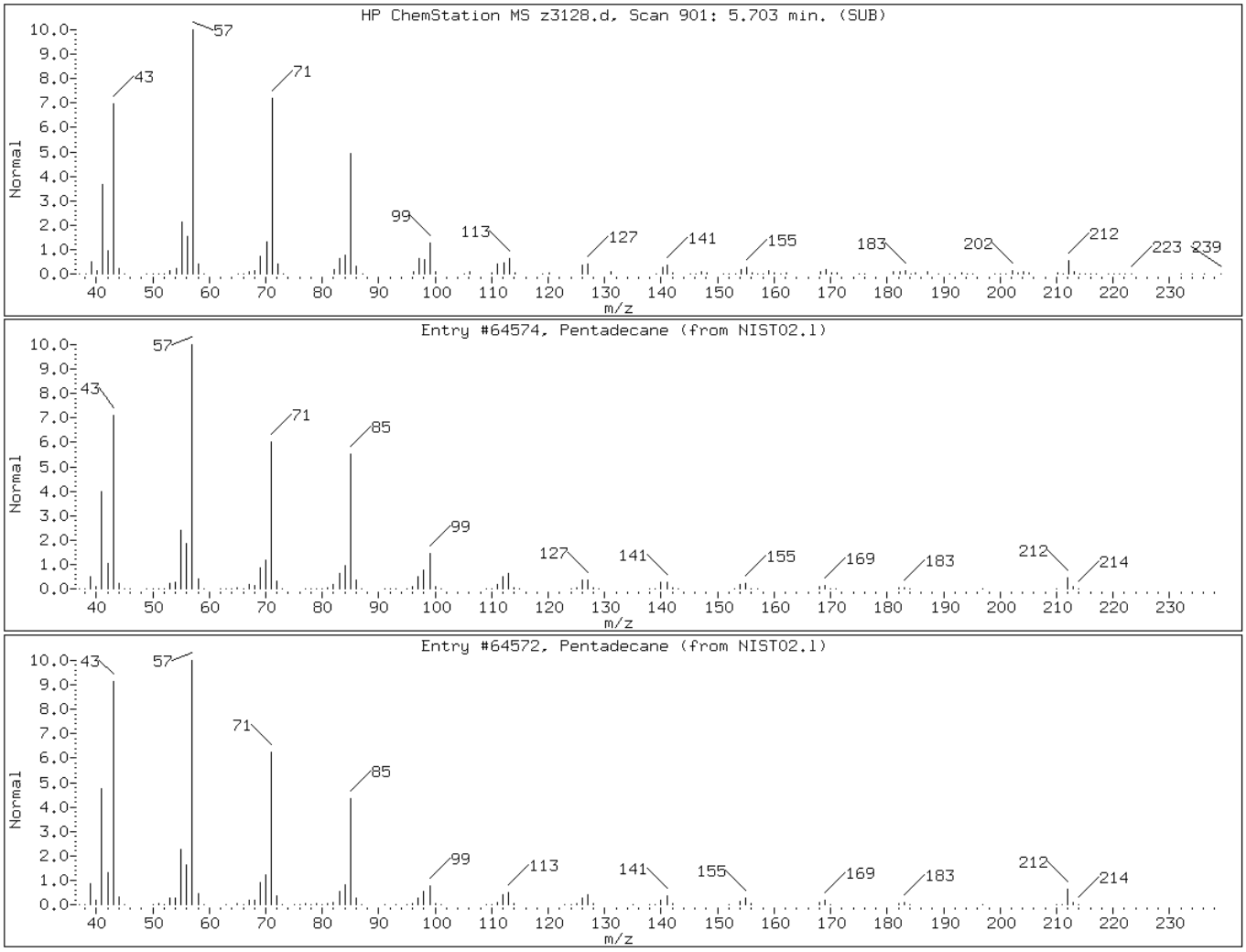
Date: 16-SEP-2013 05:54

Client ID: PMP-28SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-21-A Operator: BNAMS 4

Retention Time: 5.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Pentadecane	629-62-9	NIST02.l	64574	97	C15H32	212
Pentadecane	629-62-9	NIST02.l	64572	94	C15H32	212



Data File: z3128.d

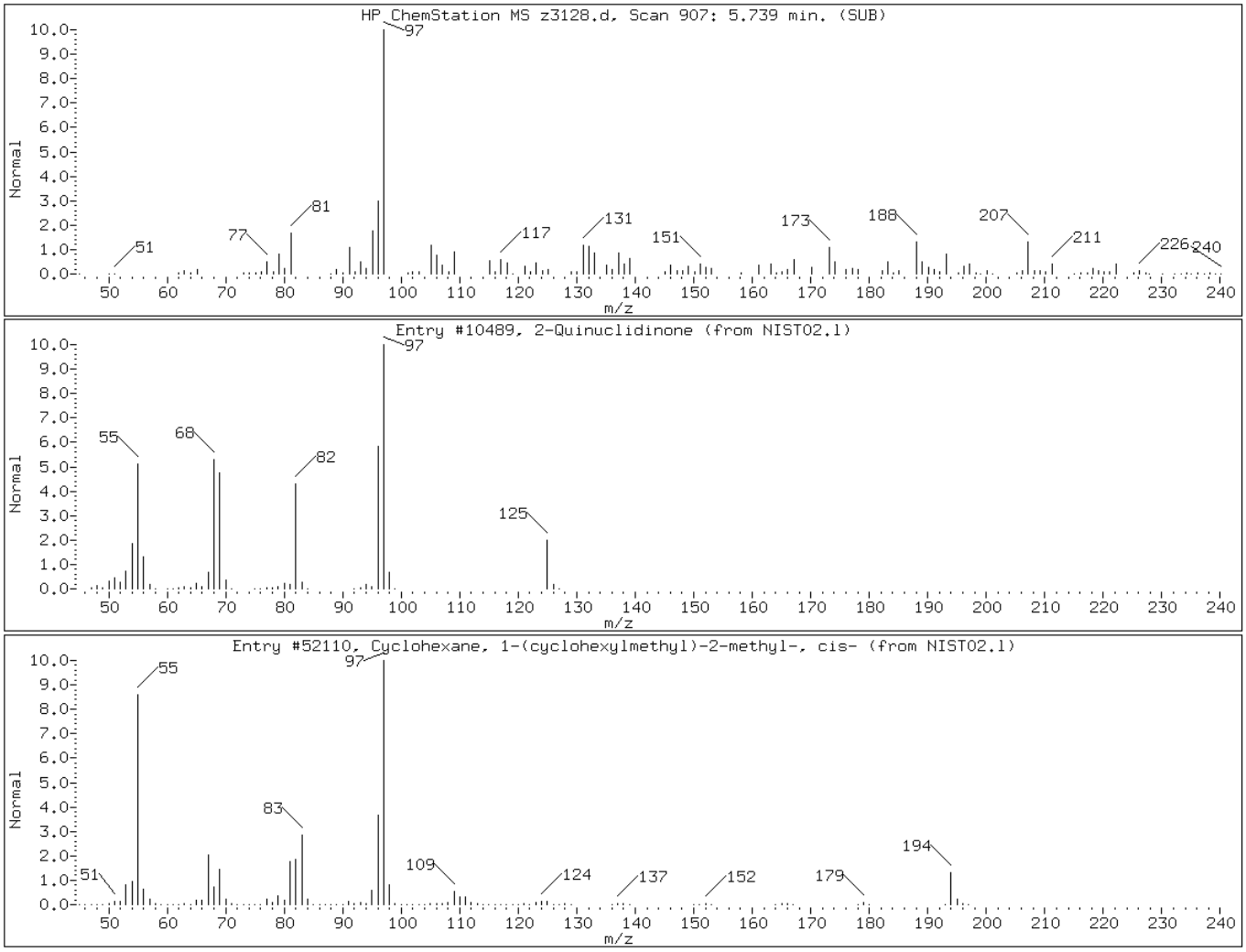
Date: 16-SEP-2013 05:54

Client ID: PMP-28SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-21-A Operator: BNAMS 4

Retention Time: 5.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
2-Quinuclidinone	25289-67-2	NIST02.l	10489	43	C7H11NO	125
Cyclohexane, 1-(cyclohexylmethyl)-	54824-04-3	NIST02.l	52110	33	C14H26	194



Data File: z3128.d

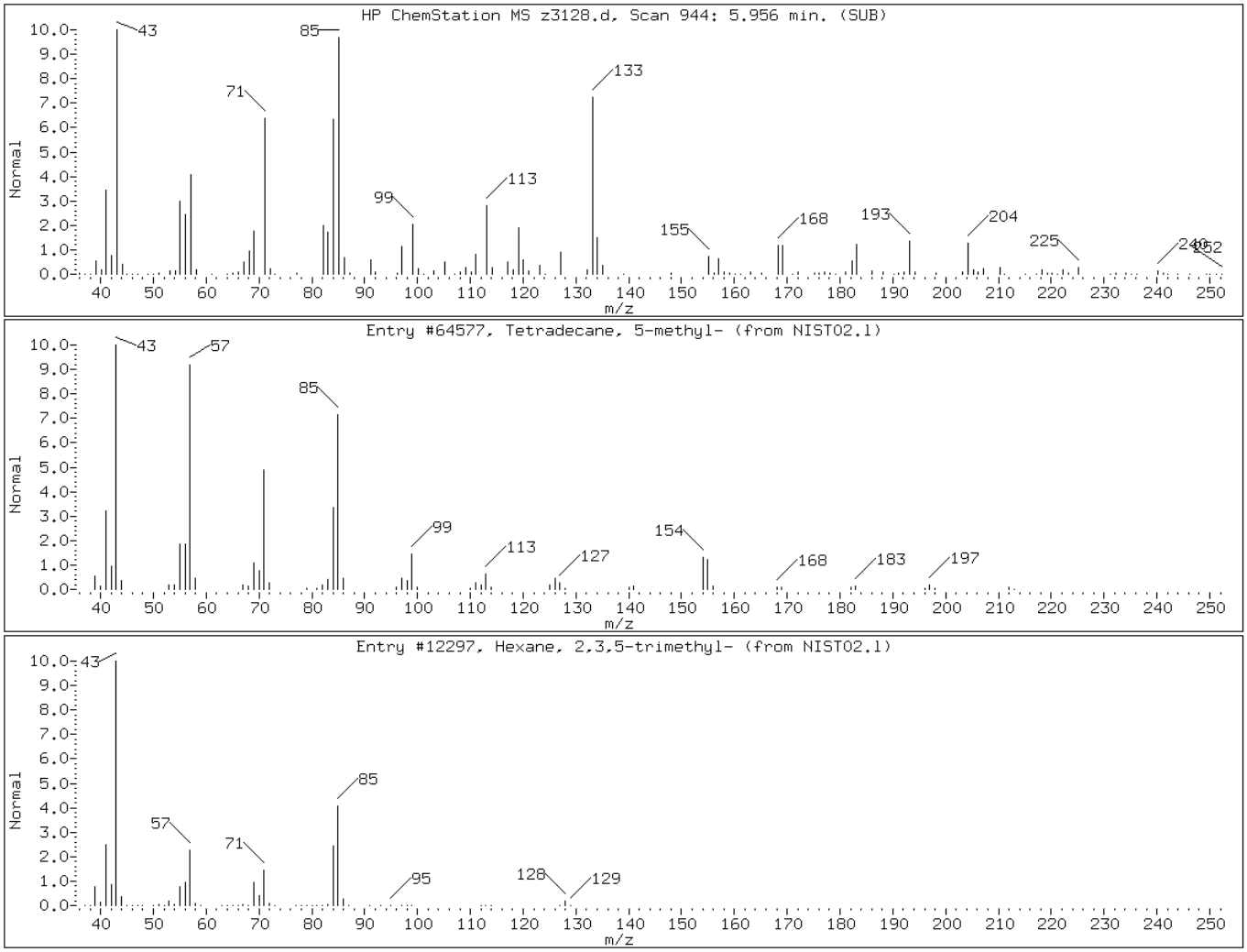
Date: 16-SEP-2013 05:54

Client ID: PMP-28SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-21-A Operator: BNAMS 4

Retention Time: 5.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tetradecane, 5-methyl-	25117-32-2	NIST02.l	64577	50	C15H32	212
Hexane, 2,3,5-trimethyl-	1069-53-0	NIST02.l	12297	38	C9H20	128



Data File: z3128.d

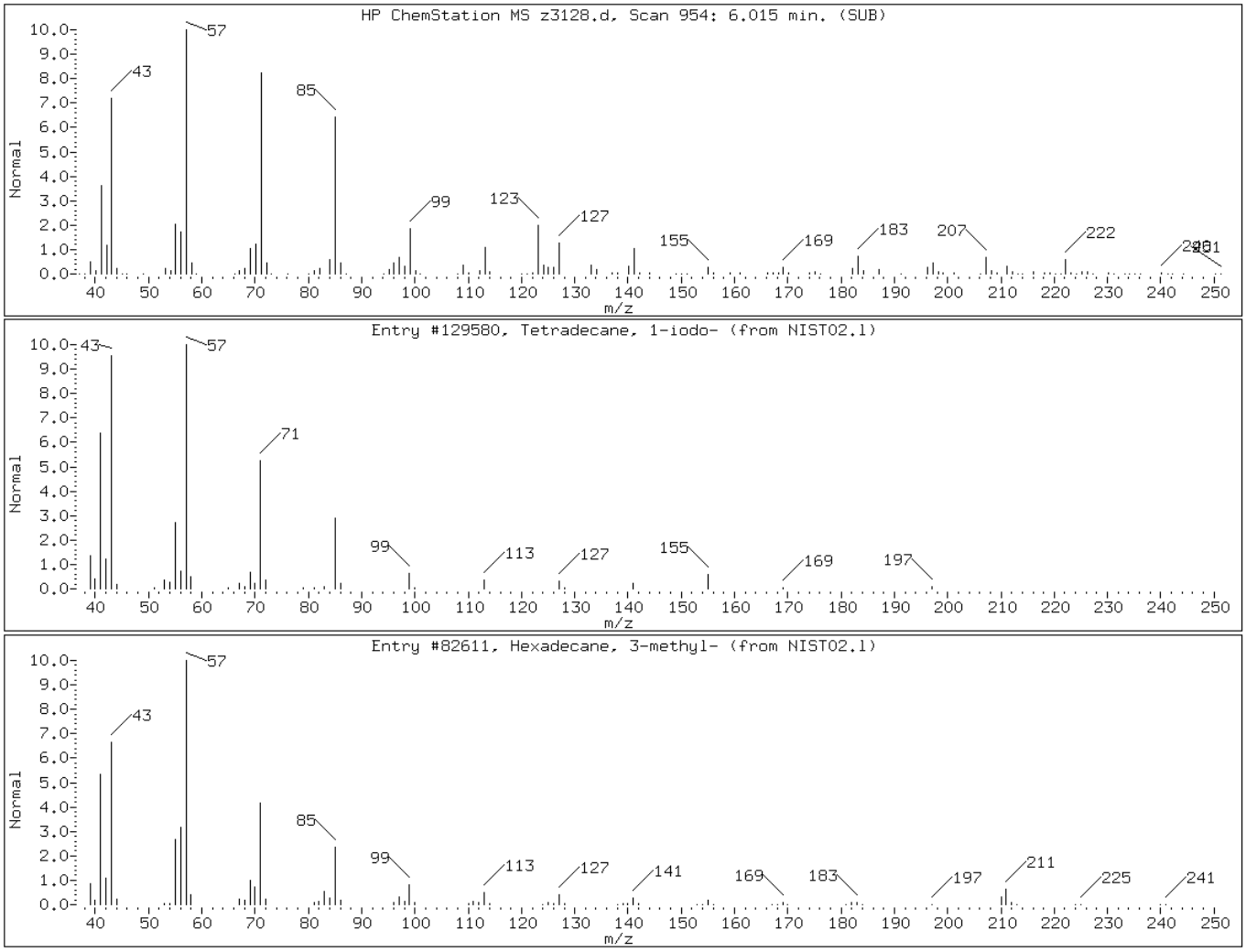
Date: 16-SEP-2013 05:54

Client ID: PMP-28SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-21-A Operator: BNAMS 4

Retention Time: 6.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Tetradecane, 1-iodo-	19218-94-1	NIST02.l	129580	80	C14H29I	324
Hexadecane, 3-methyl-	6418-43-5	NIST02.l	82611	76	C17H36	240



Data File: z3128.d

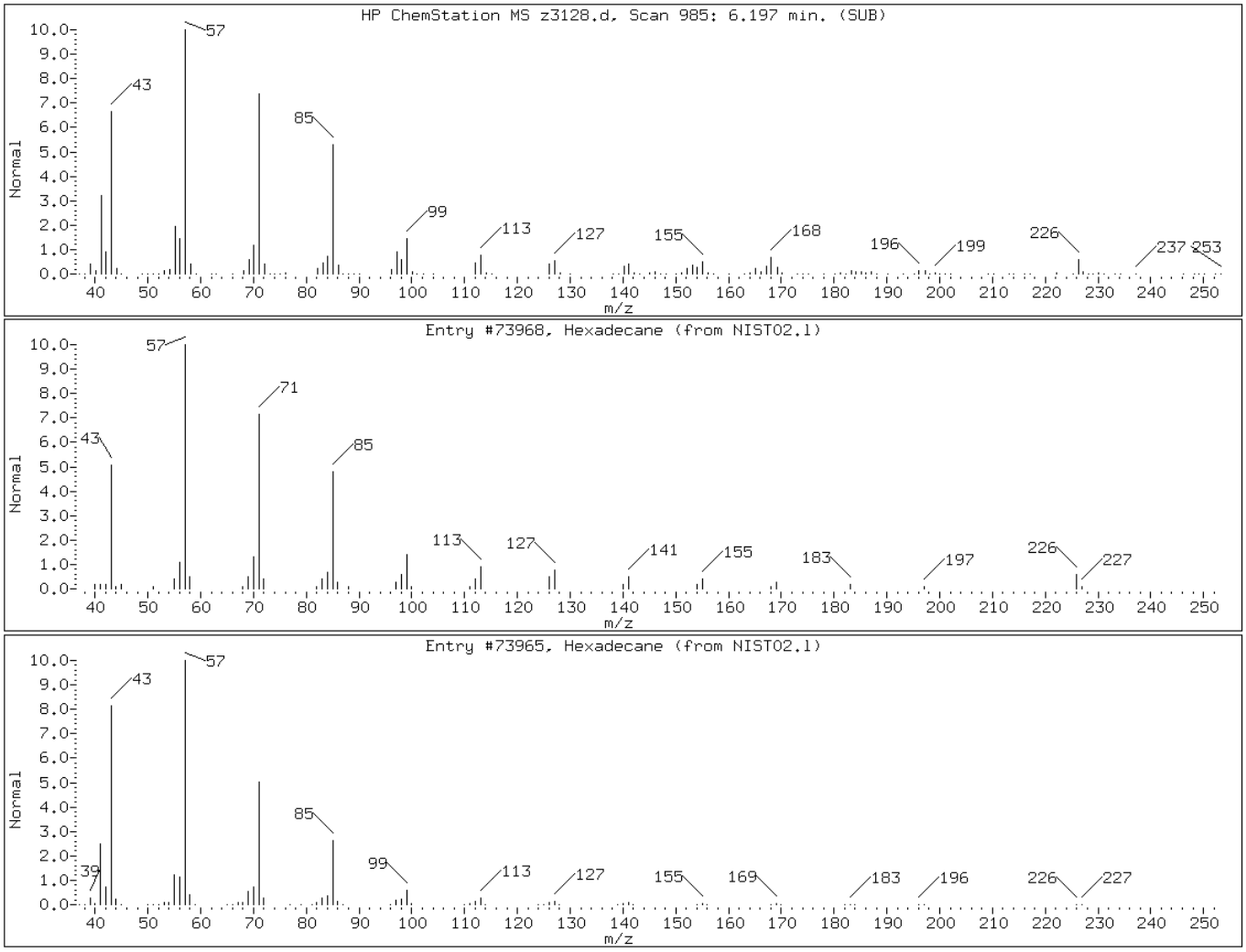
Date: 16-SEP-2013 05:54

Client ID: PMP-28SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-21-A Operator: BNAMS 4

Retention Time: 6.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Hexadecane	544-76-3	NIST02.l	73968	98	C16H34	226
Hexadecane	544-76-3	NIST02.l	73965	96	C16H34	226



Data File: z3128.d

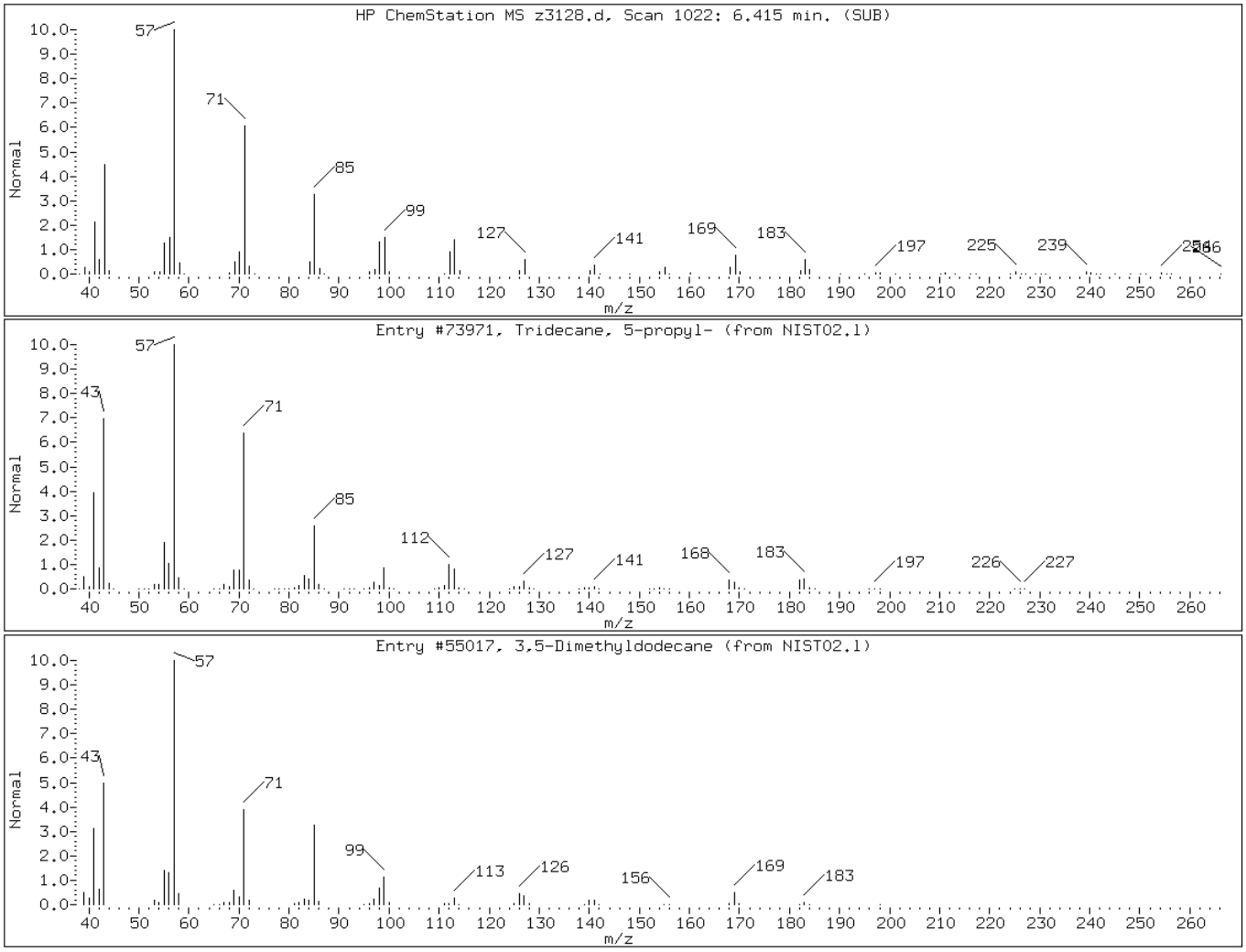
Date: 16-SEP-2013 05:54

Client ID: PMP-28SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-21-A Operator: BNAMS 4

Retention Time: 6.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	87	C16H34	226
3,5-Dimethyldodecane	107770-99-0	NIST02.l	55017	87	C14H30	198



Data File: z3128.d

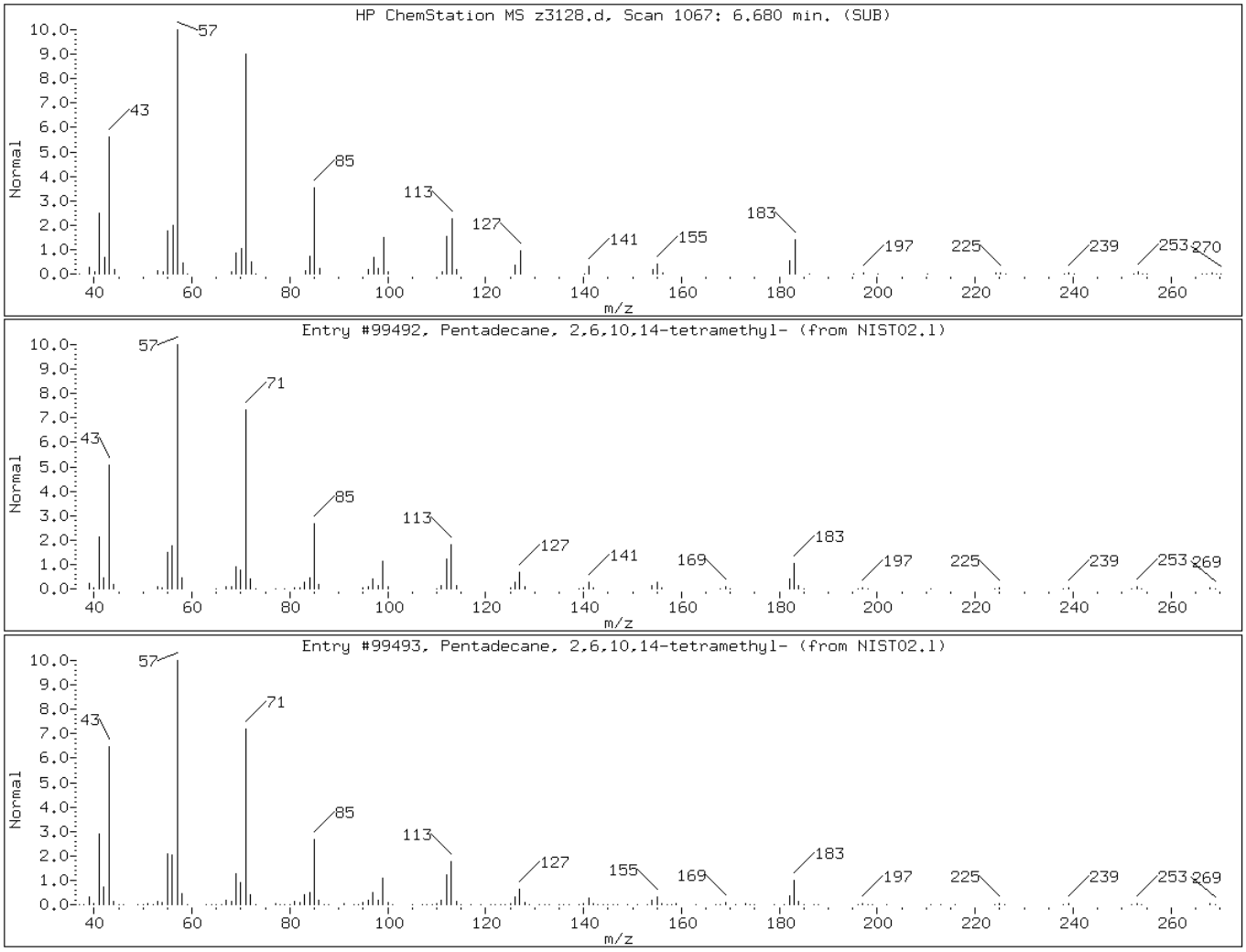
Date: 16-SEP-2013 05:54

Client ID: PMP-28SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-21-A Operator: BNAMS 4

Retention Time: 6.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	99	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	95	C19H40	268



Data File: z3128.d

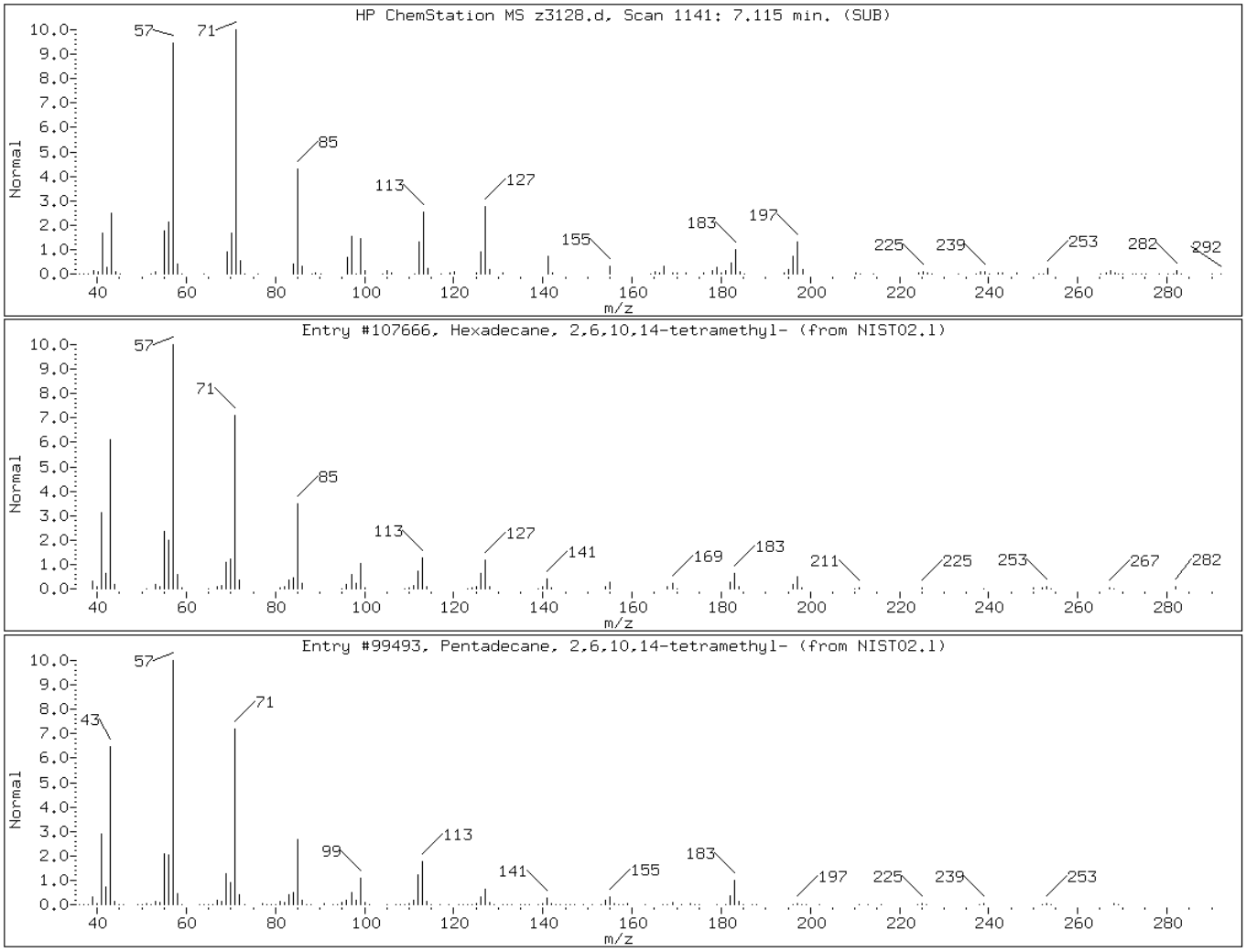
Date: 16-SEP-2013 05:54

Client ID: PMP-28SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-21-A Operator: BNAMS 4

Retention Time: 7.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	92	C20H42	282
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	86	C19H40	268



Data File: z3128.d

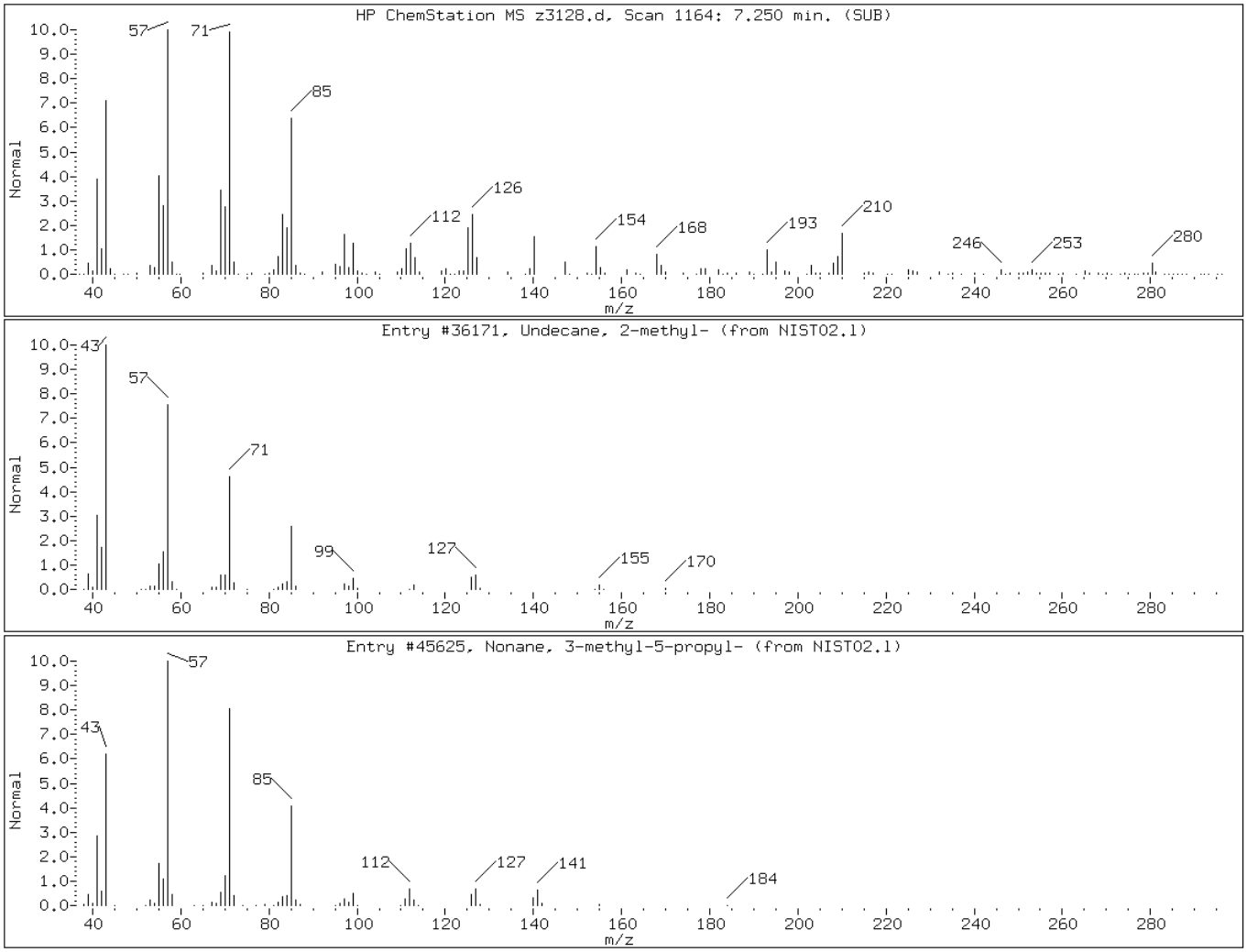
Date: 16-SEP-2013 05:54

Client ID: PMP-28SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-21-A Operator: BNAMS 4

Retention Time: 7.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Undecane, 2-methyl-	7045-71-8	NIST02.l	36171	49	C12H26	170
Nonane, 3-methyl-5-propyl-	31081-18-2	NIST02.l	45625	47	C13H28	184



Data File: z3128.d

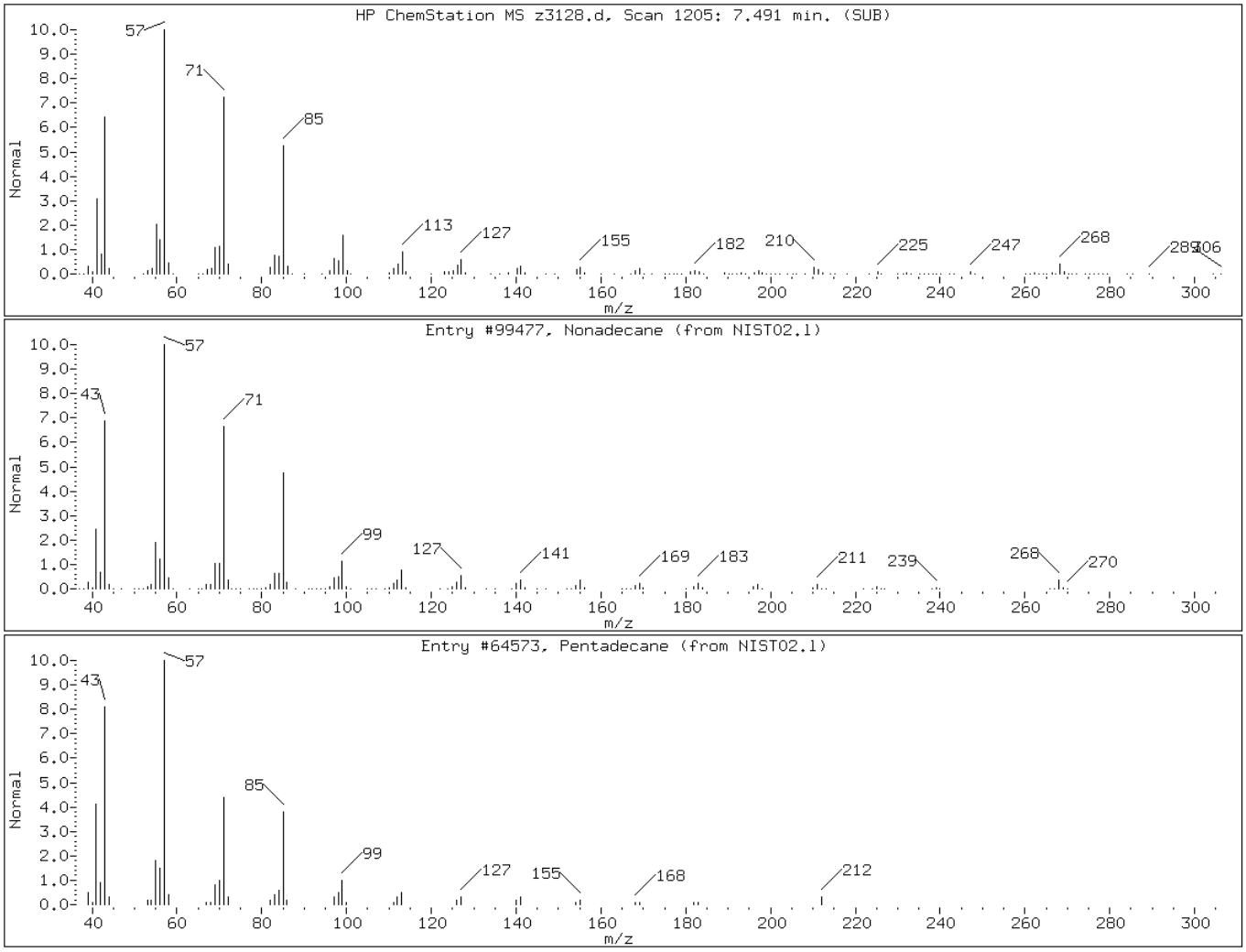
Date: 16-SEP-2013 05:54

Client ID: PMP-28SE-WT Instrument: BNAMS11.i

Sample Info: 460-62968-E-21-A Operator: BNAMS 4

Retention Time: 7.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Nonadecane	629-92-5	NIST02.l	99477	98	C19H40	268
Pentadecane	629-62-9	NIST02.l	64573	93	C15H32	212



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SI | Lab Sample ID: 460-62968-22

Matrix: Solid | Lab File ID: z3115.d

Analysis Method: 8270C | Date Collected: 09/12/2013 12:10

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 14.99(g) | Date Analyzed: 09/16/2013 01:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SI | Lab Sample ID: 460-62968-22

Matrix: Solid | Lab File ID: z3115.d

Analysis Method: 8270C | Date Collected: 09/12/2013 12:10

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 14.99(g) | Date Analyzed: 09/16/2013 01:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | 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	190	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SI | Lab Sample ID: 460-62968-22

Matrix: Solid | Lab File ID: z3115.d

Analysis Method: 8270C | Date Collected: 09/12/2013 12:10

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 14.99(g) | Date Analyzed: 09/16/2013 01:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | 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	90		16-151
118-79-6	2,4,6-Tribromophenol	88		10-120
367-12-4	2-Fluorophenol	76		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SI | Lab Sample ID: 460-62968-22

Matrix: Solid | Lab File ID: z3115.d

Analysis Method: 8270C | Date Collected: 09/12/2013 12:10

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 14.99(g) | Date Analyzed: 09/16/2013 01:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | Units: ug/Kg

Number TICs Found: 7 | TIC Result Total: 4860

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	6.38	620	J
	Unknown Alkane-2	6.64	1600	J
593-45-3	n-Octadecane	7.06	450	
	Unknown Alkane-3	7.09	730	J
	Unknown Alkane-4	7.23	340	J
	Unknown Alkane-5	7.47	390	J
10544-50-0	Cyclic octaatomic sulfur	8.13	730	J N

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3115.d
Report Date: 16-Sep-2013 11:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3115.d
Lab Smp Id: 460-62968-E-22-A Client Smp ID: PMP-28SE-SI
Inj Date : 16-SEP-2013 01:35
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62968-E-22-A
Misc Info : 460-62968-E-22-A
Comment   :
Method   : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/8270C_11.m
Meth Date : 15-Sep-2013 18:43 czhao Quant Type: ISTD
Cal Date : 06-SEP-2013 18:21 Cal File: z26655.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	14.99000	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	1.468	1.433	(0.586)	1196051	76.0836	5100
$ 17 Phenol-d5 (SUR)	99	2.268	2.274	(0.906)	1529789	79.3877	5300
* 79 1,4-Dichlorobenzene-d4	152	2.503	2.509	(1.000)	481889	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.080	3.097	(0.804)	751392	40.8813	2700
* 80 Naphthalene-d8	136	3.833	3.844	(1.000)	1801254	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	4.980	4.985	(0.891)	1283304	40.7283	2700
* 82 Acenaphthene-d10	164	5.591	5.597	(1.000)	880550	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.362	6.368	(1.138)	345507	87.8921	5900
115 n-Octadecane	57	7.062	7.062	(1.008)	87938	5.72638	380
* 83 Phenanthrene-d10	188	7.009	7.009	(1.000)	1139776	40.0000	
55 Di-n-butylphthalate	149	7.685	7.685	(1.097)	79725	2.42616	160(a)
57 Pyrene	202	8.356	8.356	(0.878)	2470	0.10945	7.3(aH)
$ 78 Terphenyl-d14	244	8.579	8.573	(0.902)	727631	45.2004	3000

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3115.d
Report Date: 16-Sep-2013 11:16

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 81 Chrysene-d12	240	9.515	9.520	(1.000)	528292	40.0000	
* 84 Perylene-d12	264	10.844	10.850	(1.000)	345075	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: z3115.d

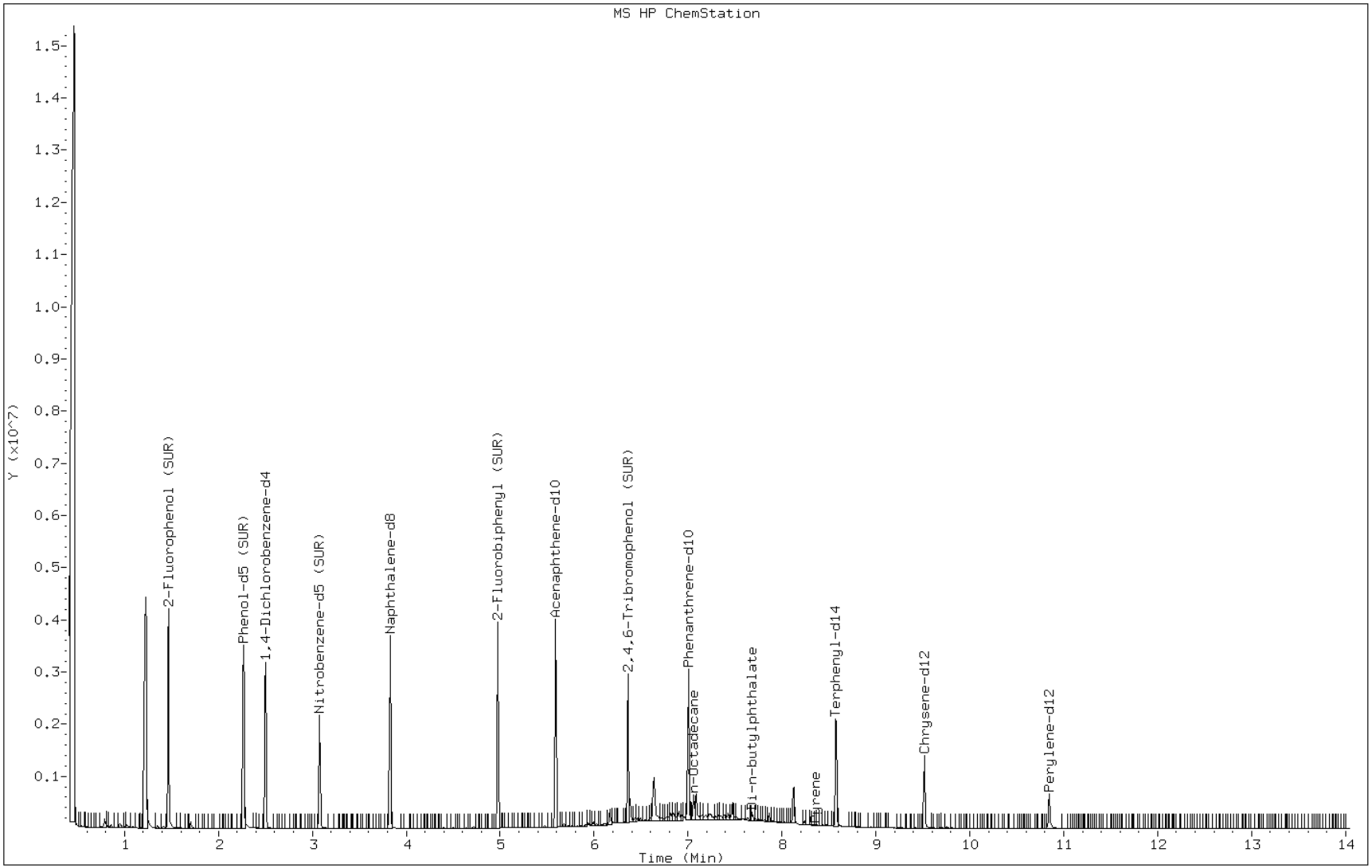
Date: 16-SEP-2013 01:35

Client ID: PMP-28SE-SI

Instrument: BNAMS11.i

Sample Info: 460-62968-E-22-A

Operator: BNAMS 4



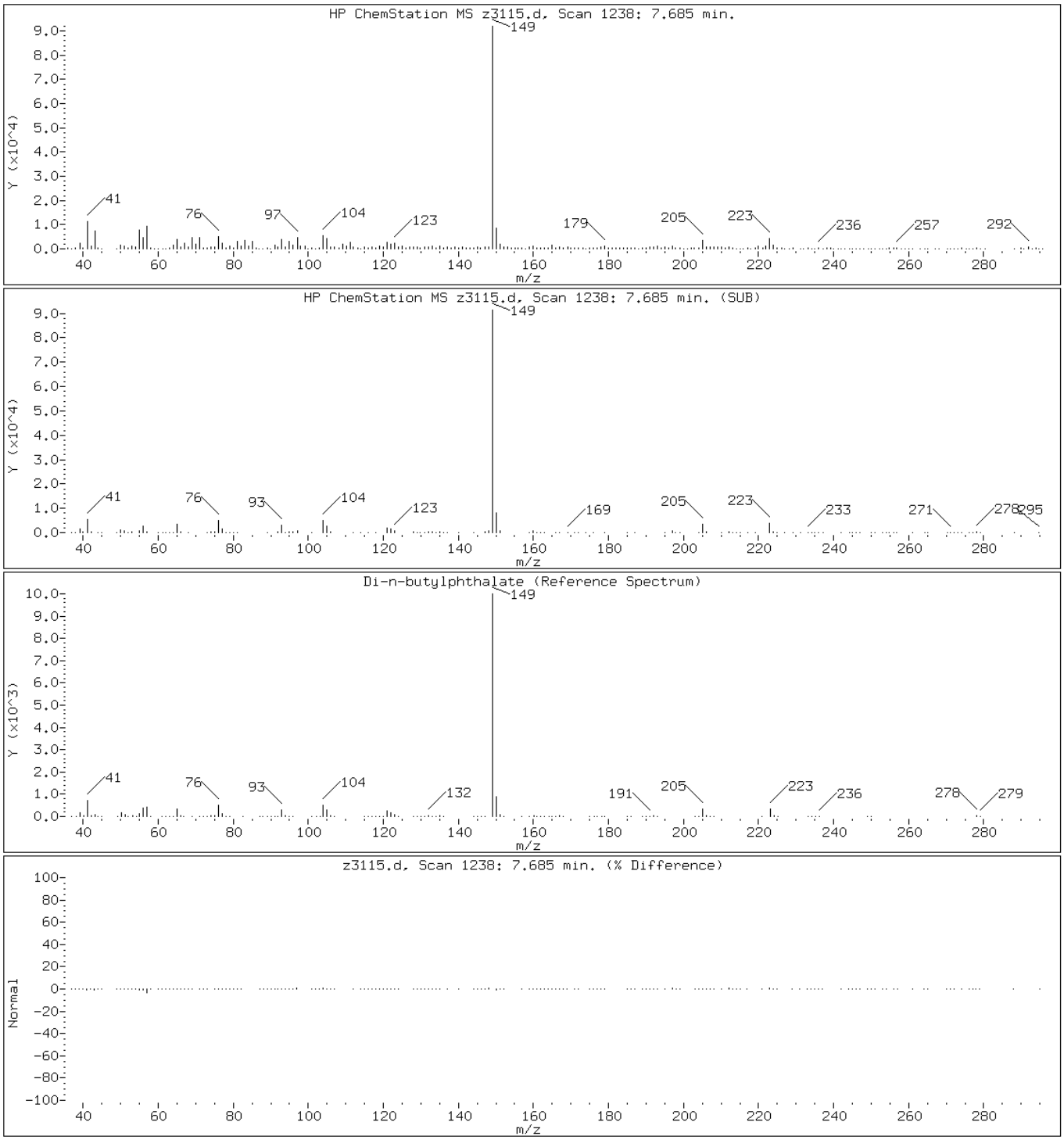
Data File: z3115.d

Date: 16-SEP-2013 01:35

Client ID: PMP-28SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-22-A Operator: BNAMS 4

55 Di-n-butylphthalate



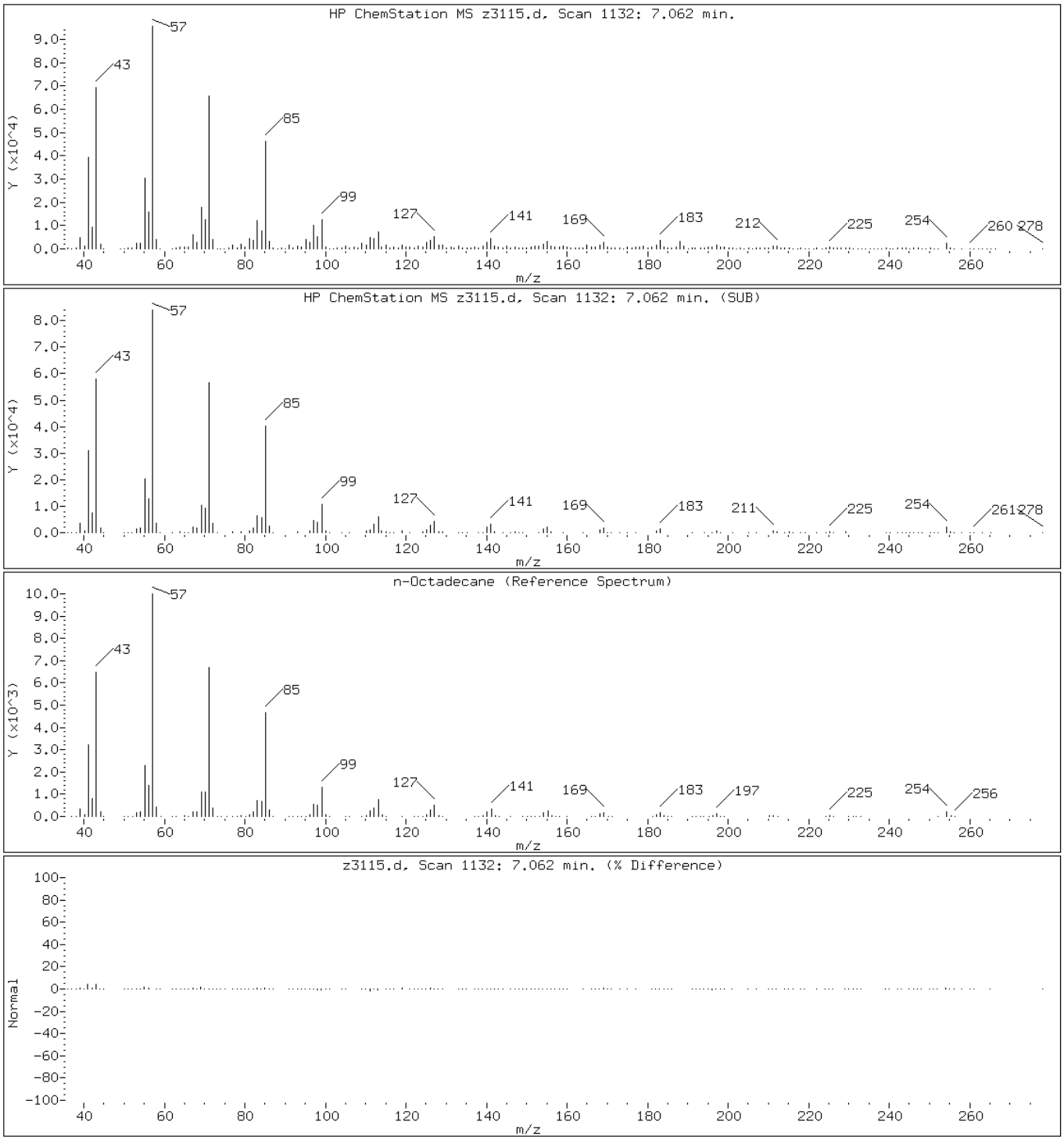
Data File: z3115.d

Date: 16-SEP-2013 01:35

Client ID: PMP-28SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-22-A Operator: BNAMS 4

115 n-Octadecane



Data File: z3115.d

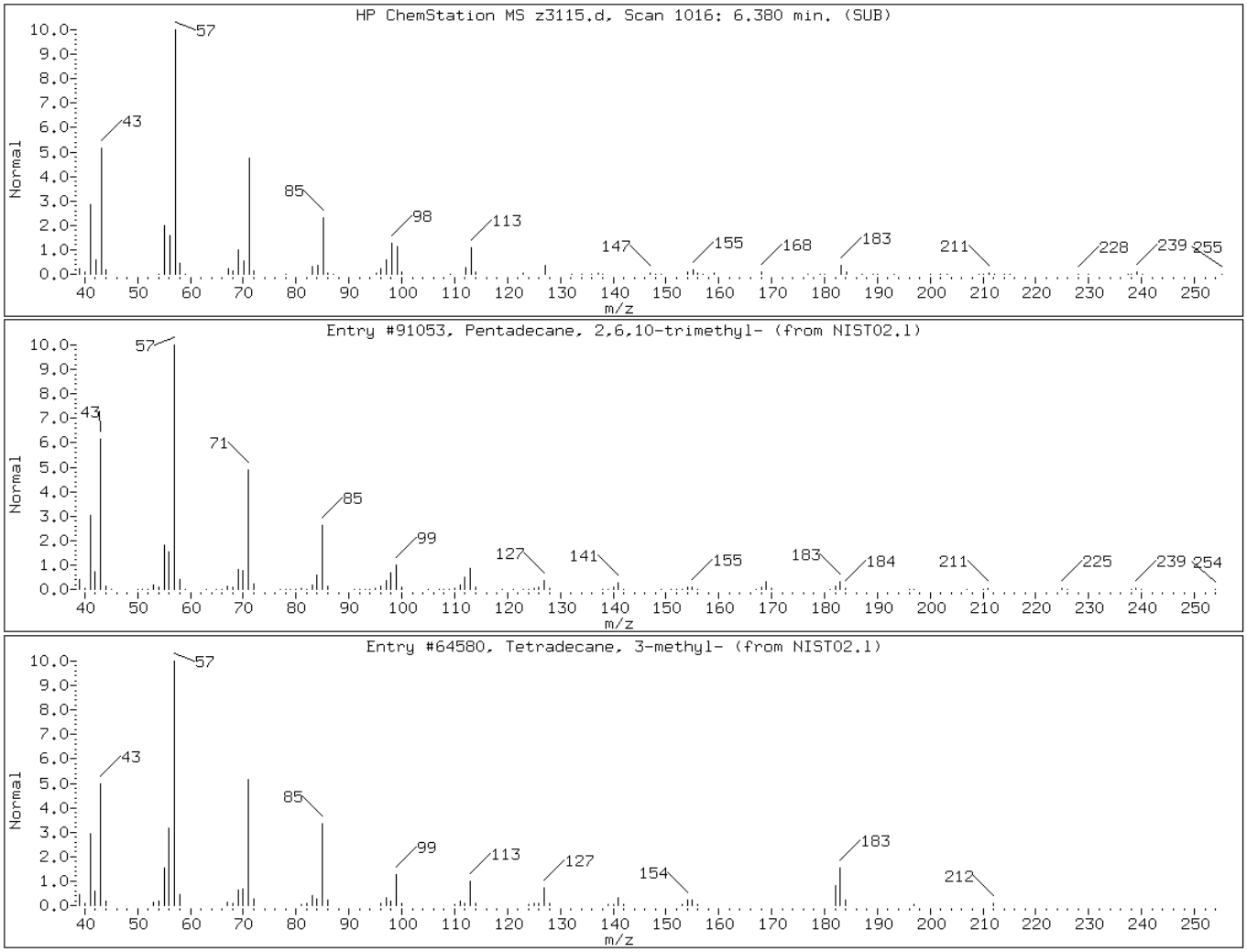
Date: 16-SEP-2013 01:35

Client ID: PMP-28SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-22-A Operator: BNAMS 4

Retention Time: 6.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	83	C18H38	254
Tetradecane, 3-methyl-	18435-22-8	NIST02.l	64580	72	C15H32	212



Data File: z3115.d

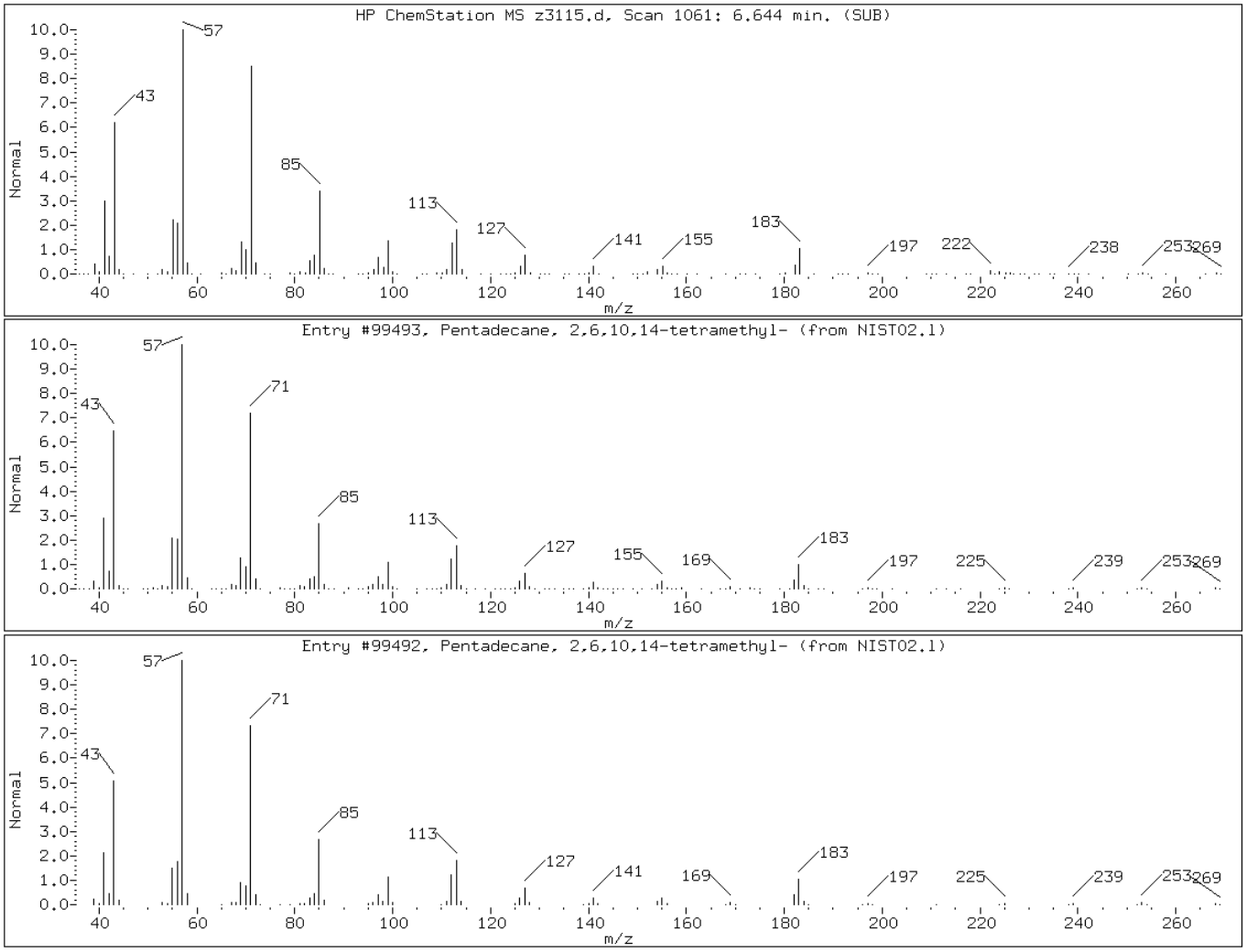
Date: 16-SEP-2013 01:35

Client ID: PMP-28SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-22-A Operator: BNAMS 4

Retention Time: 6.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
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	93	C19H40	268



Data File: z3115.d

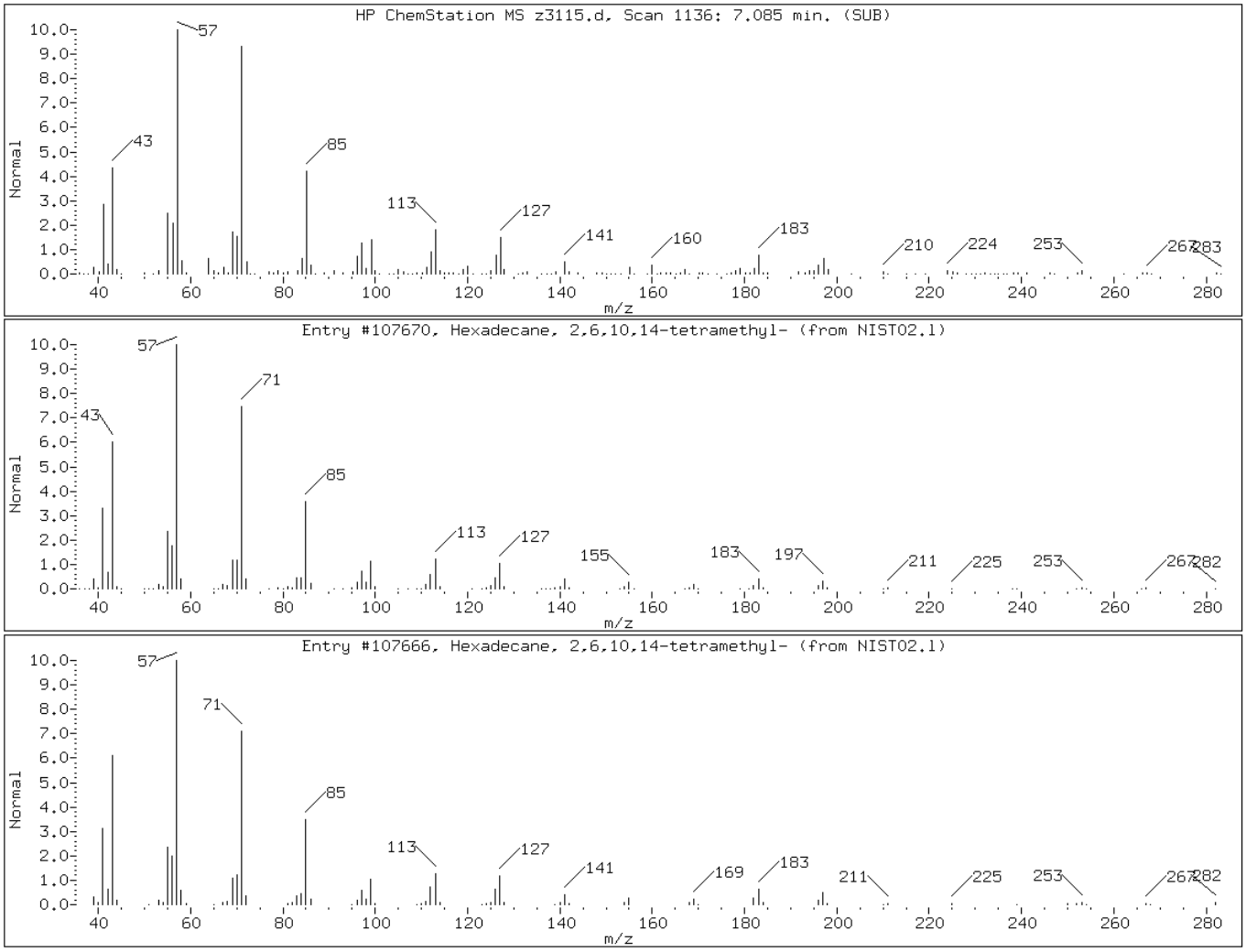
Date: 16-SEP-2013 01:35

Client ID: PMP-28SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-22-A Operator: BNAMS 4

Retention Time: 7.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	94	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	91	C20H42	282



Data File: z3115.d

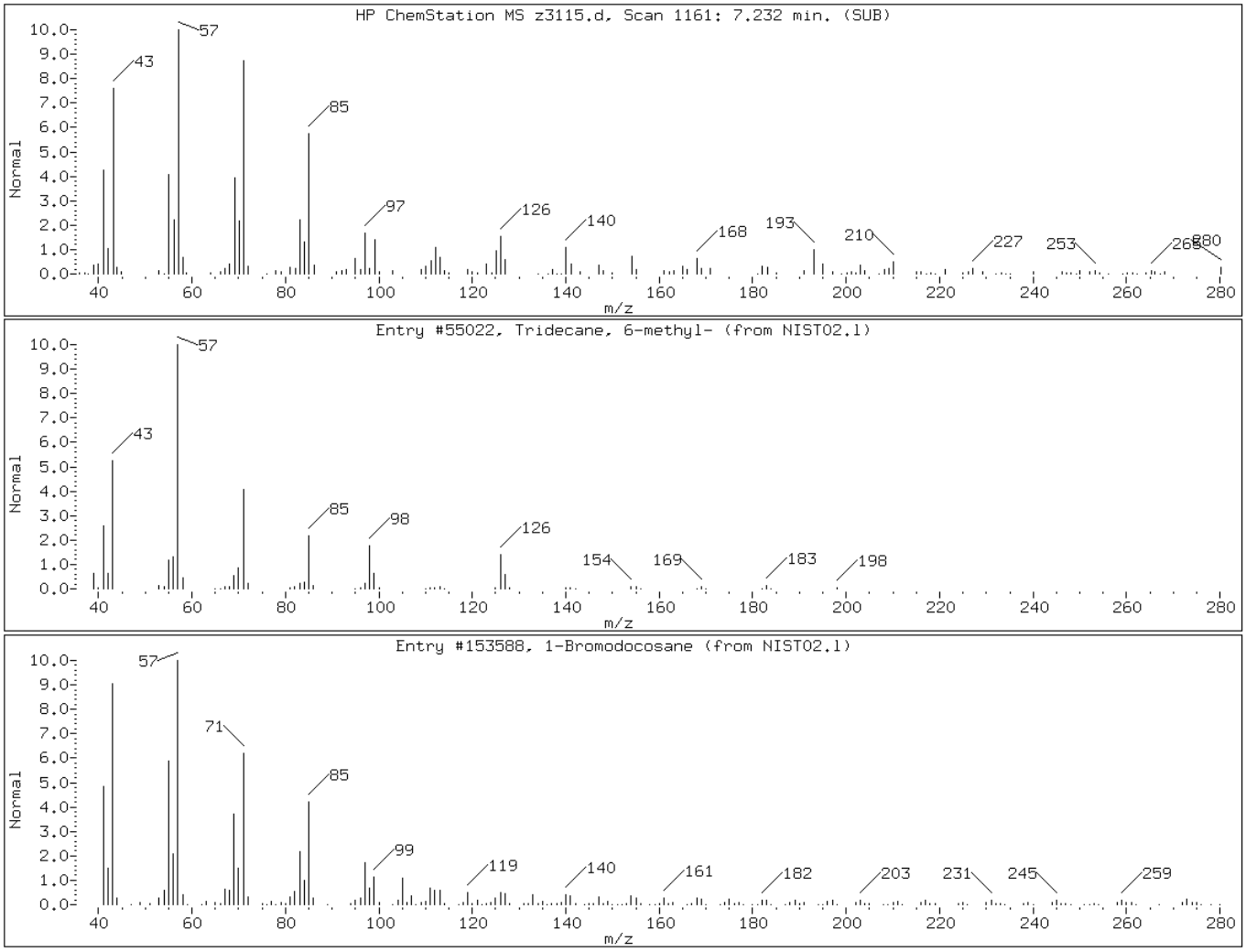
Date: 16-SEP-2013 01:35

Client ID: PMP-28SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-22-A Operator: BNAMS 4

Retention Time: 7.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tridecane, 6-methyl-	13287-21-3	NIST02.l	55022	64	C14H30	198
1-Bromodocosane	6938-66-5	NIST02.l	153588	59	C22H45Br	388



Data File: z3115.d

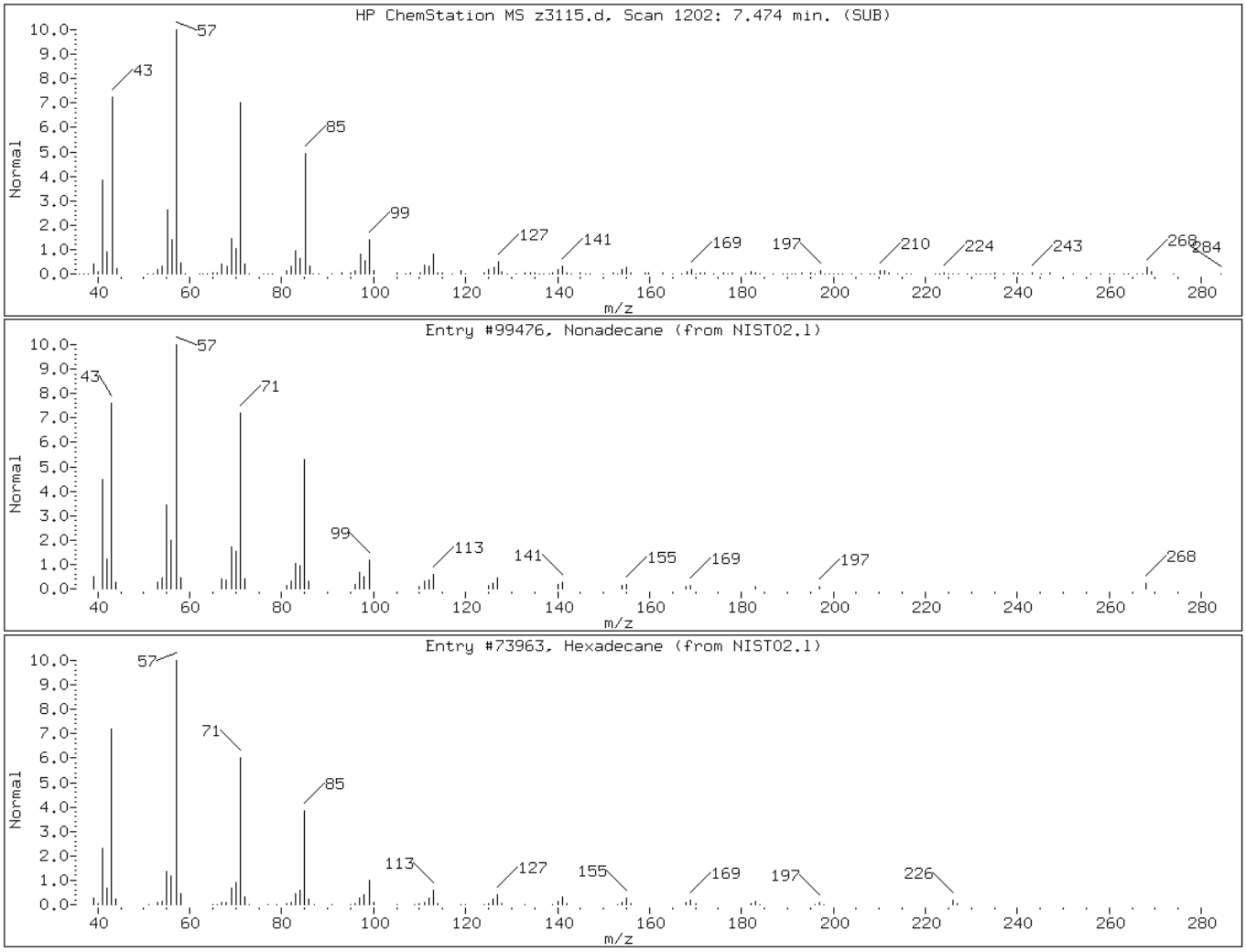
Date: 16-SEP-2013 01:35

Client ID: PMP-28SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-22-A Operator: BNAMS 4

Retention Time: 7.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Nonadecane	629-92-5	NIST02.l	99476	94	C19H40	268
Hexadecane	544-76-3	NIST02.l	73963	91	C16H34	226



Data File: z3115.d

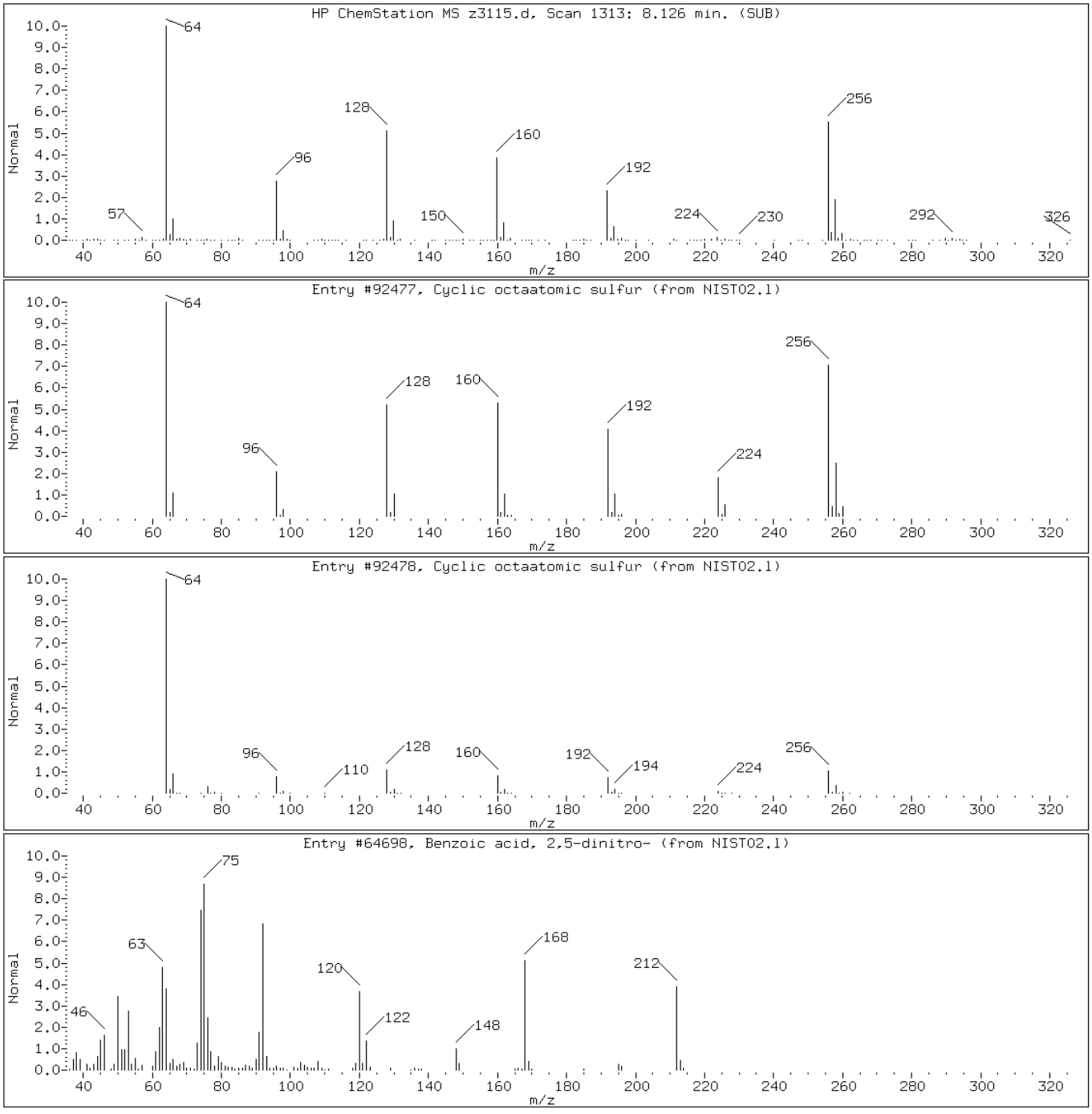
Date: 16-SEP-2013 01:35

Client ID: PMP-28SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-22-A Operator: BNAMS 4

Retention Time: 8.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic octaatomic sulfur	10544-50-0	NIST02.l	92477	95	S8	256
Cyclic octaatomic sulfur	10544-50-0	NIST02.l	92478	91	S8	256
Benzoic acid, 2,5-dinitro-	610-28-6	NIST02.l	64698	47	C7H4N2O6	212



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SD | Lab Sample ID: 460-62968-23

Matrix: Solid | Lab File ID: z3113.d

Analysis Method: 8270C | Date Collected: 09/12/2013 12:15

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.02(g) | Date Analyzed: 09/16/2013 00:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	50	U	370	50
95-57-8	2-Chlorophenol	49	U	370	49
95-48-7	2-Methylphenol	63	U	370	63
106-44-5	4-Methylphenol	73	U	370	73
100-52-7	Benzaldehyde	44	U	370	44
98-86-2	Acetophenone	57	U	370	57
111-44-4	Bis(2-chloroethyl)ether	5.1	U	37	5.1
108-60-1	2,2'-oxybis[1-chloropropane]	41	U	370	41
621-64-7	N-Nitrosodi-n-propylamine	6.2	U	37	6.2
98-95-3	Nitrobenzene	5.3	U	37	5.3
67-72-1	Hexachloroethane	4.1	U	37	4.1
78-59-1	Isophorone	45	U	370	45
88-75-5	2-Nitrophenol	41	U	370	41
105-67-9	2,4-Dimethylphenol	92	U	370	92
120-83-2	2,4-Dichlorophenol	54	U	370	54
111-91-1	Bis(2-chloroethoxy)methane	48	U	370	48
91-20-3	Naphthalene	43	U	370	43
106-47-8	4-Chloroaniline	98	U	370	98
87-68-3	Hexachlorobutadiene	9.1	U	75	9.1
105-60-2	Caprolactam	86	U	370	86
59-50-7	4-Chloro-3-methylphenol	56	U	370	56
91-57-6	2-Methylnaphthalene	48	U	370	48
118-74-1	Hexachlorobenzene	5.1	U	37	5.1
77-47-4	Hexachlorocyclopentadiene	44	U	370	44
88-06-2	2,4,6-Trichlorophenol	44	U	370	44
95-95-4	2,4,5-Trichlorophenol	48	U	370	48
92-52-4	Diphenyl	50	U	370	50
91-58-7	2-Chloronaphthalene	41	U	370	41
88-74-4	2-Nitroaniline	160	U	750	160
606-20-2	2,6-Dinitrotoluene	11	U	75	11
131-11-3	Dimethyl phthalate	44	U	370	44
208-96-8	Acenaphthylene	44	U	370	44
99-09-2	3-Nitroaniline	130	U	750	130
83-32-9	Acenaphthene	54	U	370	54

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SD | Lab Sample ID: 460-62968-23

Matrix: Solid | Lab File ID: z3113.d

Analysis Method: 8270C | Date Collected: 09/12/2013 12:15

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.02(g) | Date Analyzed: 09/16/2013 00:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	1100	240
51-28-5	2,4-Dinitrophenol	210	U	1100	210
132-64-9	Dibenzofuran	44	U	370	44
84-66-2	Diethyl phthalate	44	U	370	44
86-73-7	Fluorene	48	U	370	48
206-44-0	Fluoranthene	50	U	370	50
84-74-2	Di-n-butyl phthalate	46	U	370	46
121-14-2	2,4-Dinitrotoluene	12	U	75	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	370	44
100-01-6	4-Nitroaniline	120	U	750	120
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1100	100
101-55-3	4-Bromophenyl phenyl ether	37	U	370	37
1912-24-9	Atrazine	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	28	U	370	28
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	37	U	370	37
85-68-7	Butyl benzyl phthalate	34	U	370	34
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	370	120
117-84-0	Di-n-octyl phthalate	24	U	370	24
193-39-5	Indeno[1,2,3-cd]pyrene	6.9	U	37	6.9
53-70-3	Dibenz(a,h)anthracene	4.7	U	37	4.7
91-94-1	3,3'-Dichlorobenzidine	130	U	750	130
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	370	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SD | Lab Sample ID: 460-62968-23

Matrix: Solid | Lab File ID: z3113.d

Analysis Method: 8270C | Date Collected: 09/12/2013 12:15

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.02(g) | Date Analyzed: 09/16/2013 00:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	80		38-105
4165-62-2	Phenol-d5	76		41-118
1718-51-0	Terphenyl-d14	94		16-151
118-79-6	2,4,6-Tribromophenol	81		10-120
367-12-4	2-Fluorophenol	75		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SD Lab Sample ID: 460-62968-23

Matrix: Solid Lab File ID: z3113.d

Analysis Method: 8270C Date Collected: 09/12/2013 12:15

Extract. Method: 3541 Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.02(g) Date Analyzed: 09/16/2013 00:55

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 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/8270/09-06-13/15sep13.b/z3113.d
Report Date: 16-Sep-2013 11:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3113.d
Lab Smp Id: 460-62968-E-23-A Client Smp ID: PMP-28SE-SD
Inj Date : 16-SEP-2013 00:55
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62968-E-23-A
Misc Info : 460-62968-E-23-A
Comment   :
Method   : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/8270C_11.m
Meth Date : 15-Sep-2013 18:43 czhao Quant Type: ISTD
Cal Date : 06-SEP-2013 18:21 Cal File: z26655.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	15.02000	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	1.462	1.433	(0.584)	1154360	74.8104	5000
$ 17 Phenol-d5 (SUR)	99	2.268	2.274	(0.906)	1445783	76.4371	5100
* 79 1,4-Dichlorobenzene-d4	152	2.503	2.509	(1.000)	473007	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.080	3.097	(0.804)	718801	39.7585	2600
* 80 Naphthalene-d8	136	3.833	3.844	(1.000)	1771788	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	4.980	4.985	(0.891)	1219202	38.9266	2600
* 82 Acenaphthene-d10	164	5.591	5.597	(1.000)	875286	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.362	6.368	(1.138)	317637	81.2882	5400
115 n-Octadecane	57	7.056	7.062	(1.008)	21961	1.39390	93(aH)
* 83 Phenanthrene-d10	188	7.003	7.009	(1.000)	1169337	40.0000	
$ 78 Terphenyl-d14	244	8.573	8.573	(0.901)	725973	47.1766	3100
* 81 Chrysene-d12	240	9.515	9.520	(1.000)	505010	40.0000	
* 84 Perylene-d12	264	10.844	10.850	(1.000)	327499	40.0000	

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3113.d
Report Date: 16-Sep-2013 11:07

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: z3113.d

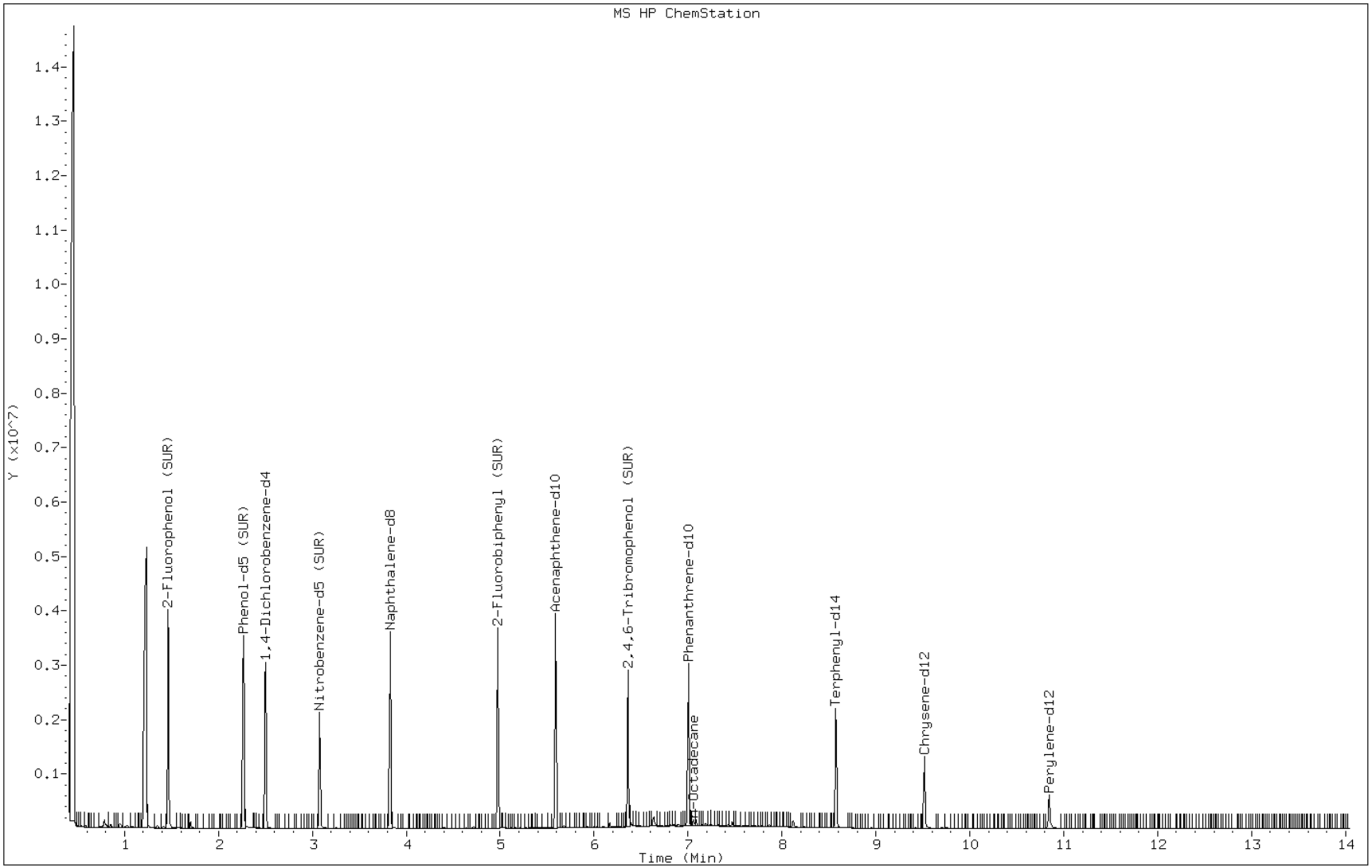
Date: 16-SEP-2013 00:55

Client ID: PMP-28SE-SD

Instrument: BNAMS11.i

Sample Info: 460-62968-E-23-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-VD | Lab Sample ID: 460-62968-24

Matrix: Solid | Lab File ID: z3116.d

Analysis Method: 8270C | Date Collected: 09/12/2013 14:00

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.03(g) | Date Analyzed: 09/16/2013 01:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | 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	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	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	41	U	340	41
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-VD | Lab Sample ID: 460-62968-24

Matrix: Solid | Lab File ID: z3116.d

Analysis Method: 8270C | Date Collected: 09/12/2013 14:00

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.03(g) | Date Analyzed: 09/16/2013 01:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | 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	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	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-VD Lab Sample ID: 460-62968-24

Matrix: Solid Lab File ID: z3116.d

Analysis Method: 8270C Date Collected: 09/12/2013 14:00

Extract. Method: 3541 Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.03(g) Date Analyzed: 09/16/2013 01:55

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	82		38-105
4165-62-2	Phenol-d5	81		41-118
1718-51-0	Terphenyl-d14	99		16-151
118-79-6	2,4,6-Tribromophenol	86		10-120
367-12-4	2-Fluorophenol	78		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-VD Lab Sample ID: 460-62968-24

Matrix: Solid Lab File ID: z3116.d

Analysis Method: 8270C Date Collected: 09/12/2013 14:00

Extract. Method: 3541 Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.03(g) Date Analyzed: 09/16/2013 01:55

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 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/8270/09-06-13/15sep13.b/z3116.d
Report Date: 16-Sep-2013 11:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3116.d
Lab Smp Id: 460-62968-E-24-A Client Smp ID: PMP-9SE-VD
Inj Date : 16-SEP-2013 01:55
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62968-E-24-A
Misc Info : 460-62968-E-24-A
Comment   :
Method   : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/8270C_11.m
Meth Date : 15-Sep-2013 18:43 czhao Quant Type: ISTD
Cal Date : 06-SEP-2013 18:21 Cal File: z26655.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	15.03000	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	1.468	1.433	(0.586)	1123708	77.5390	5200
$ 17 Phenol-d5 (SUR)	99	2.268	2.274	(0.906)	1446847	81.4460	5400(H)
* 79 1,4-Dichlorobenzene-d4	152	2.503	2.509	(1.000)	444244	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.080	3.097	(0.804)	697862	40.8101	2700
* 80 Naphthalene-d8	136	3.833	3.844	(1.000)	1675849	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	4.980	4.985	(0.891)	1189736	39.7628	2600
* 82 Acenaphthene-d10	164	5.591	5.597	(1.000)	836168	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.362	6.368	(1.138)	319777	85.6643	5700
* 83 Phenanthrene-d10	188	7.003	7.009	(1.000)	1133315	40.0000	
$ 78 Terphenyl-d14	244	8.574	8.573	(0.901)	749319	49.4329	3300
* 81 Chrysene-d12	240	9.515	9.520	(1.000)	497458	40.0000	
* 84 Perylene-d12	264	10.844	10.850	(1.000)	310086	40.0000	

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3116.d
Report Date: 16-Sep-2013 11:17

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: z3116.d

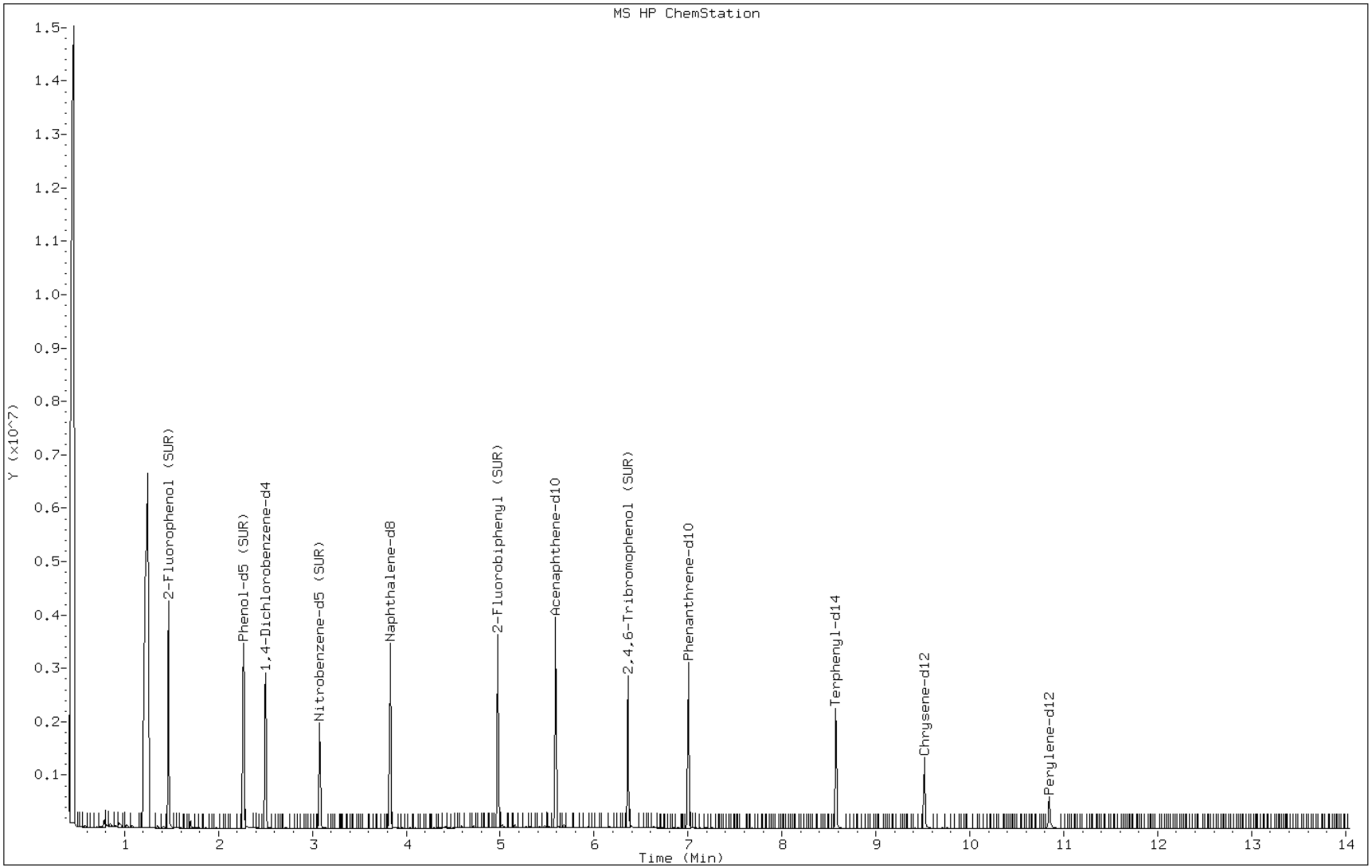
Date: 16-SEP-2013 01:55

Client ID: PMP-9SE-VD

Instrument: BNAMS11.i

Sample Info: 460-62968-E-24-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-WT | Lab Sample ID: 460-62968-25

Matrix: Solid | Lab File ID: z3117.d

Analysis Method: 8270C | Date Collected: 09/12/2013 14:05

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 14.98(g) | Date Analyzed: 09/16/2013 02:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-WT | Lab Sample ID: 460-62968-25

Matrix: Solid | Lab File ID: z3117.d

Analysis Method: 8270C | Date Collected: 09/12/2013 14:05

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 14.98(g) | Date Analyzed: 09/16/2013 02:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | 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	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	4.8	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-WT Lab Sample ID: 460-62968-25

Matrix: Solid Lab File ID: z3117.d

Analysis Method: 8270C Date Collected: 09/12/2013 14:05

Extract. Method: 3541 Date Extracted: 09/15/2013 16:06

Sample wt/vol: 14.98(g) Date Analyzed: 09/16/2013 02:15

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	78		38-105
4165-62-2	Phenol-d5	75		41-118
1718-51-0	Terphenyl-d14	94		16-151
118-79-6	2,4,6-Tribromophenol	74		10-120
367-12-4	2-Fluorophenol	74		37-125
321-60-8	2-Fluorobiphenyl	76		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-WT Lab Sample ID: 460-62968-25

Matrix: Solid Lab File ID: z3117.d

Analysis Method: 8270C Date Collected: 09/12/2013 14:05

Extract. Method: 3541 Date Extracted: 09/15/2013 16:06

Sample wt/vol: 14.98(g) Date Analyzed: 09/16/2013 02:15

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 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/8270/09-06-13/15sep13.b/z3117.d
Report Date: 16-Sep-2013 11:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3117.d
Lab Smp Id: 460-62968-E-25-A Client Smp ID: PMP-9SE-WT
Inj Date : 16-SEP-2013 02:15
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62968-E-25-A
Misc Info : 460-62968-E-25-A
Comment   :
Method   : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/8270C_11.m
Meth Date : 15-Sep-2013 18:43 czhao Quant Type: ISTD
Cal Date : 06-SEP-2013 18:21 Cal File: z26655.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	14.98000	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	1.462	1.433	(0.584)	1118116	74.1979	5000
$ 17 Phenol-d5 (SUR)	99	2.268	2.274	(0.906)	1392529	75.3858	5000
* 79 1,4-Dichlorobenzene-d4	152	2.503	2.509	(1.000)	461938	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.080	3.097	(0.804)	686762	38.7592	2600
* 80 Naphthalene-d8	136	3.833	3.844	(1.000)	1736458	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	4.980	4.985	(0.891)	1171797	38.0298	2500
* 82 Acenaphthene-d10	164	5.591	5.597	(1.000)	861090	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.362	6.368	(1.138)	284817	74.0907	4900
115 n-Octadecane	57	7.056	7.062	(1.008)	8108	0.51138	34(aH)
* 83 Phenanthrene-d10	188	7.003	7.009	(1.000)	1176758	40.0000	
$ 78 Terphenyl-d14	244	8.573	8.573	(0.901)	742815	47.2440	3200
* 81 Chrysene-d12	240	9.515	9.520	(1.000)	515988	40.0000	
* 84 Perylene-d12	264	10.844	10.850	(1.000)	326216	40.0000	

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3117.d
Report Date: 16-Sep-2013 11:18

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: z3117.d

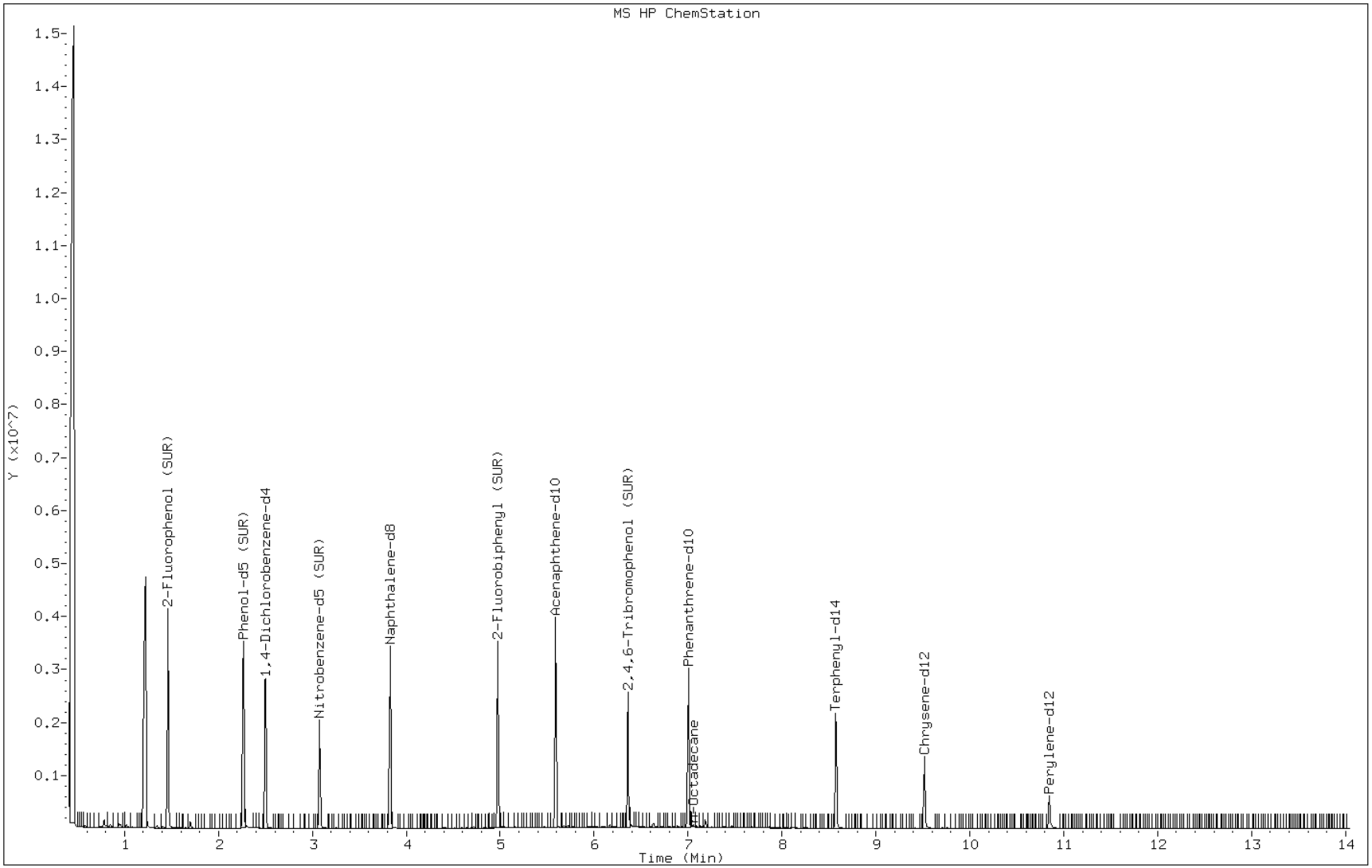
Date: 16-SEP-2013 02:15

Client ID: PMP-9SE-WT

Instrument: BNAMS11.i

Sample Info: 460-62968-E-25-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-SI | Lab Sample ID: 460-62968-26

Matrix: Solid | Lab File ID: U91006.D

Analysis Method: 8270C | Date Collected: 09/12/2013 14:10

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.04(g) | Date Analyzed: 09/19/2013 10:53

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.: 182070 | 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-SI | Lab Sample ID: 460-62968-26

Matrix: Solid | Lab File ID: U91006.D

Analysis Method: 8270C | Date Collected: 09/12/2013 14:10

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.04(g) | Date Analyzed: 09/19/2013 10:53

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.: 182070 | 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	120	J	350	29
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.6	U	35	2.6
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	350	34
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-SI | Lab Sample ID: 460-62968-26

Matrix: Solid | Lab File ID: U91006.D

Analysis Method: 8270C | Date Collected: 09/12/2013 14:10

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.04(g) | Date Analyzed: 09/19/2013 10:53

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.: 182070 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	57		38-105
4165-62-2	Phenol-d5	76		41-118
1718-51-0	Terphenyl-d14	72		16-151
118-79-6	2,4,6-Tribromophenol	45		10-120
367-12-4	2-Fluorophenol	71		37-125
321-60-8	2-Fluorobiphenyl	35	X	40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-SI | Lab Sample ID: 460-62968-26

Matrix: Solid | Lab File ID: U91006.D

Analysis Method: 8270C | Date Collected: 09/12/2013 14:10

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.04(g) | Date Analyzed: 09/19/2013 10:53

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.: 182070 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 84600

CAS NO.	COMPOUND NAME	RT	RESULT	Q
6165-40-8	Pentadecane, 7-methyl-	6.84	1200	J N
629-62-9	Pentadecane	7.05	9000	J N
629-50-5	Tridecane	7.56	3100	J N
55045-11-9	Tridecane, 5-propyl-	7.78	3000	J N
	Unknown alkane	7.85	4100	J
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.06	21000	J N
35507-09-6	7-Hexadecene, (Z)-	8.21	3700	J N
1560-89-0	Heptadecane, 2-methyl-	8.30	2500	J N
	Unknown alkane	8.47	6000	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.50	11000	J N
37680-65-2	1,1'-Biphenyl, 2,2',5-trichloro-	8.64	3700	J N
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	8.88	4500	J N
38444-73-4	1,1'-Biphenyl, 2,2',6-trichloro-	8.90	5800	J N
38444-84-7	1,1'-Biphenyl, 2,3,3'-trichloro-	8.96	3100	J N
55702-46-0	1,1'-Biphenyl, 2,3,4-trichloro-	9.03	2900	J N

Report Date: 20-Sep-2013 11:18:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91006.D		
Lims ID:	460-62968-E-26-B	Client ID:	PMP-9SE-SI
Inject. Date:	19-Sep-2013 10:53:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004790-022		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	22
Lims Batch ID:	182070	Lims Sample ID:	22
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m		
Last Update:	20-Sep-2013 11:16:04	Calib Date:	18-Sep-2013 15:35:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90967.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: croccom		Date:	19-Sep-2013 11:42:42

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.742	2.740	0.002	80	490228	70.5	
$ 6 Phenol-d5	99	3.675	3.692	-0.017	56	625258	75.6	
* 13 1,4-Dichlorobenzene-d4	152	4.014	4.023	-0.009	92	247681	40.0	
$ 25 Nitrobenzene-d5	82	4.575	4.588	-0.013	93	394875	28.6	
* 35 Naphthalene-d8	136	5.297	5.310	-0.013	97	949348	40.0	
$ 48 2-Fluorobiphenyl	172	6.384	6.398	-0.014	95	600708	17.5	
* 61 Acenaphthene-d10	164	7.051	7.057	-0.006	86	970335	40.0	
$ 76 2,4,6-Tribromophenol	330	7.851	7.832	0.019	67	407467	45.2	
* 83 Phenanthrene-d10	188	8.539	8.510	0.029	97	1263429	40.0	
90 Pyrene	202	9.923	9.916	0.007	92	48204	1.66	
$ 91 Terphenyl-d14	244	10.077	10.069	0.008	98	825738	36.0	
* 96 Chrysene-d12	240	11.175	11.193	-0.018	95	885646	40.0	
98 Bis(2-ethylhexyl) phthalate	149	11.213	11.232	-0.019	32	10329	0.6612	
* 103 Perylene-d12	264	12.994	13.017	-0.023	97	781870	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91006.D		
Lims ID:	460-62968-E-26-B	Client ID:	PMP-9SE-SI
Inject. Date:	19-Sep-2013 10:53:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004790-022		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	22
Lims Batch ID:	182070	Lims Sample ID:	22
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m		
Last Update:	20-Sep-2013 11:16:04	Calib Date:	18-Sep-2013 15:35:30
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:	19-Sep-2013 11:42:42

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
	6165-40-8 Pentadecane, 7-methyl-					
6.839	14147459	17.5	61	87	73980	
	629-62-9 Pentadecane					
7.051	32422751	127.6	83	97	64574	
	629-50-5 Tridecane					
7.562	35142714	43.4	61	87	45544	
	55045-11-9 Tridecane, 5-propyl-					
7.782	34624044	42.7	61	96	73971	
	Unknown alkane					
7.851	14871774	58.5	83	0	0	
	1921-70-6 Pentadecane, 2,6,10,14-tetramethyl-					
8.057	75829813	298.4	83	97	99493	
	35507-09-6 7-Hexadecene, (Z)-					
8.210	13318883	52.4	83	92	72494	
	1560-89-0 Heptadecane, 2-methyl-					
8.302	8891634	35.0	83	95	91044	
	Unknown alkane					
8.470	21695876	85.4	83	0	0	
	638-36-8 Hexadecane, 2,6,10,14-tetramethyl-					
8.501	38228738	150.4	83	98	107670	
	37680-65-2 1,1'-Biphenyl, 2,2',5-trichloro-					
8.639	13430520	52.8	83	98	91786	
	7012-37-5 1,1'-Biphenyl, 2,4,4'-trichloro-					
8.876	16257457	64.0	83	99	91791	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
	38444-73-4	1,1'-Biphenyl, 2,2',6-trichloro-				
8.899	21006422	82.7	83	98	91789	
	38444-84-7	1,1'-Biphenyl, 2,3,3'-trichloro-				
8.961	11036477	43.4	83	99	91792	
	55702-46-0	1,1'-Biphenyl, 2,3,4-trichloro-				
9.030	10448991	41.1	83	98	91782	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.051	32422751	40.0
* 83 Phenanthrene-d10	8.539	10165433	40.0

QC Flag Legend

Processing Flags

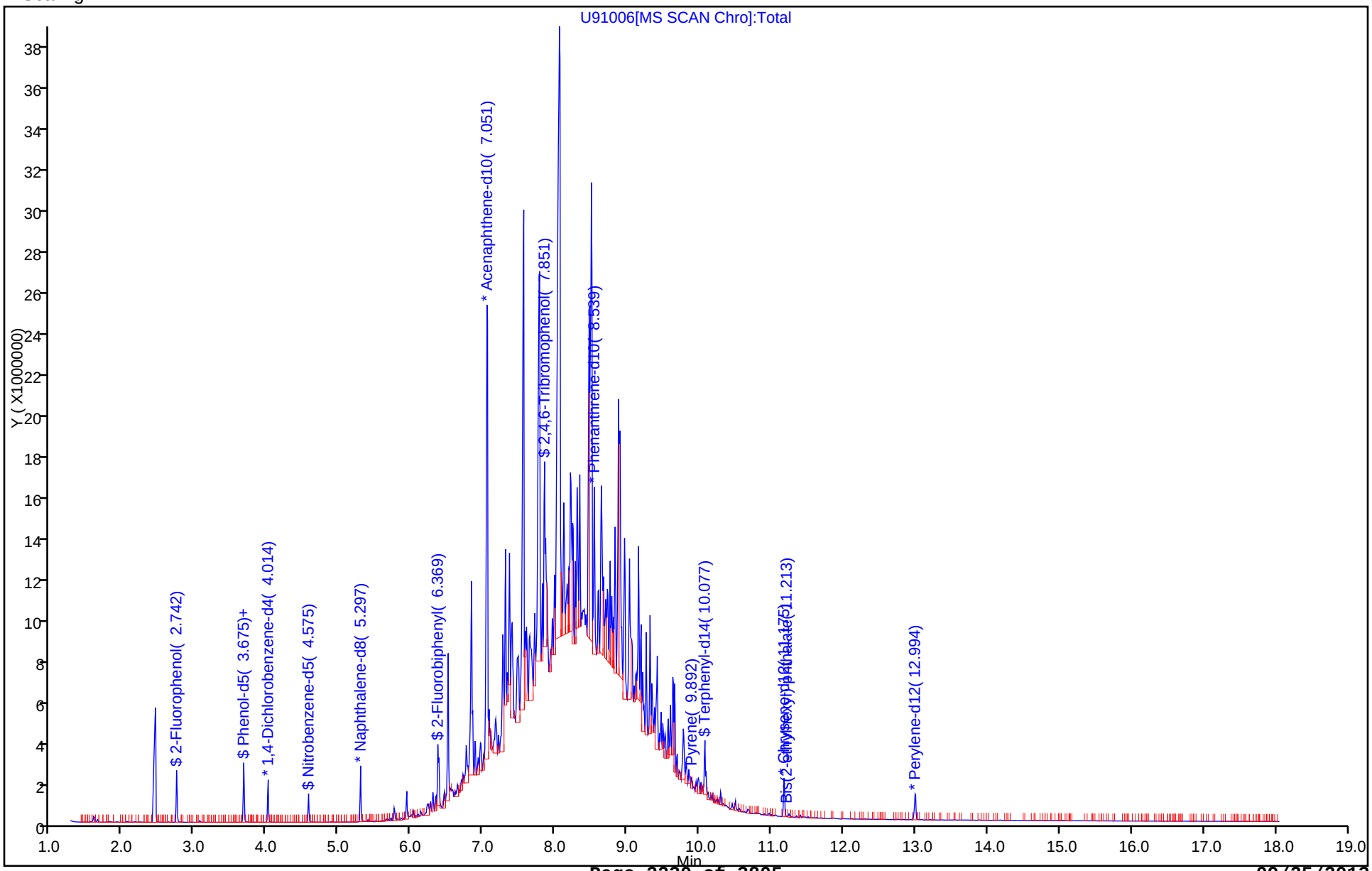
Report Date: 20-Sep-2013 11:18:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91006.D

Injection Date:	19-Sep-2013 10:53:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-9SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Y Scaling:



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TestAmerica Edison

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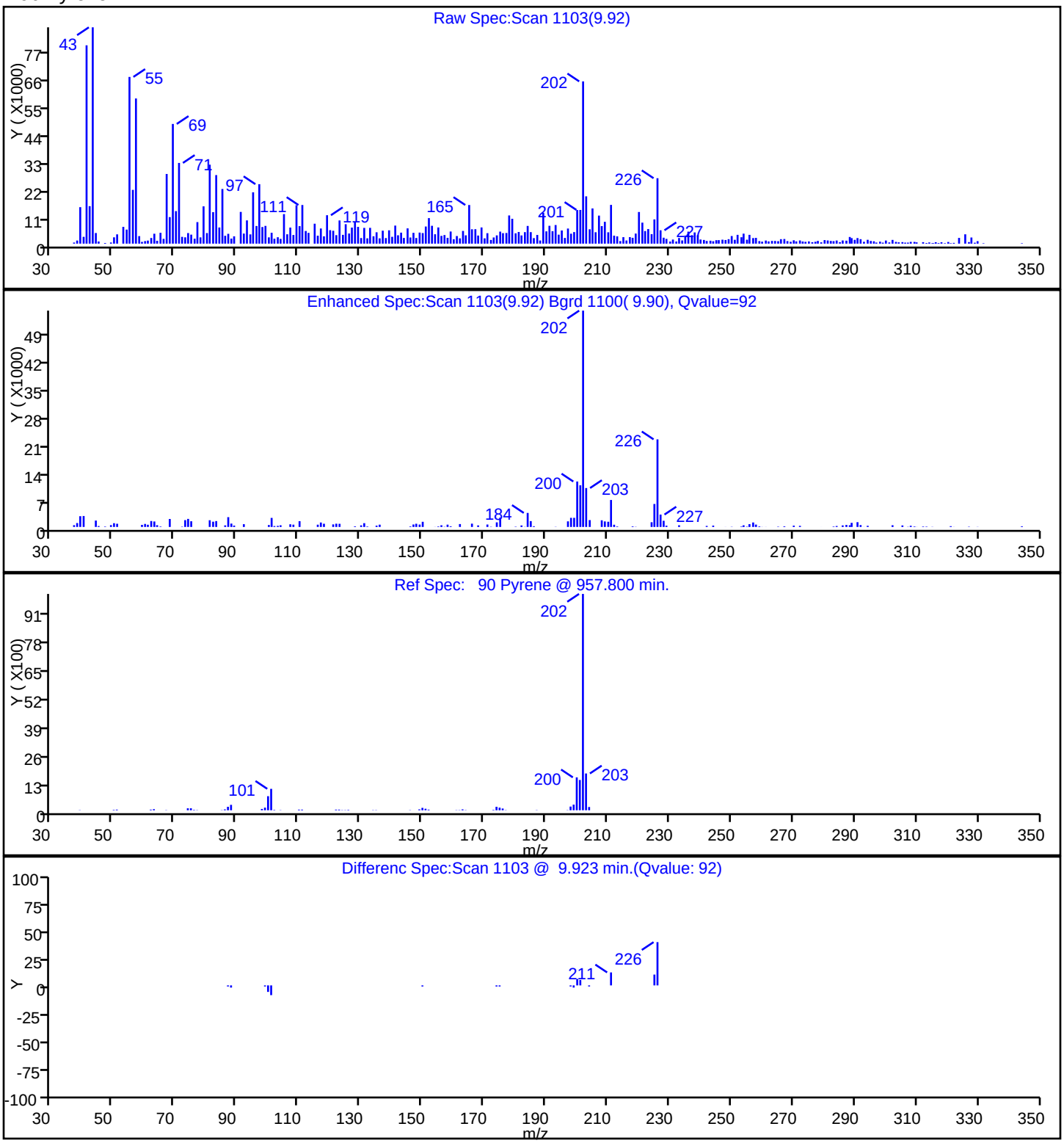
Injection Date:	19-Sep-2013 10:53:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-9SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

90 Pyrene



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TestAmerica Edison

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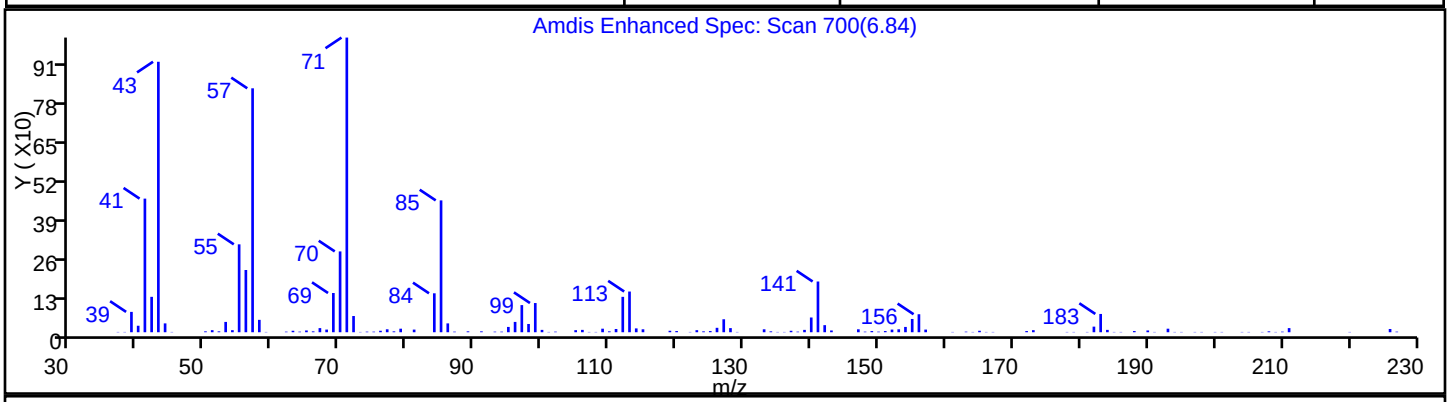
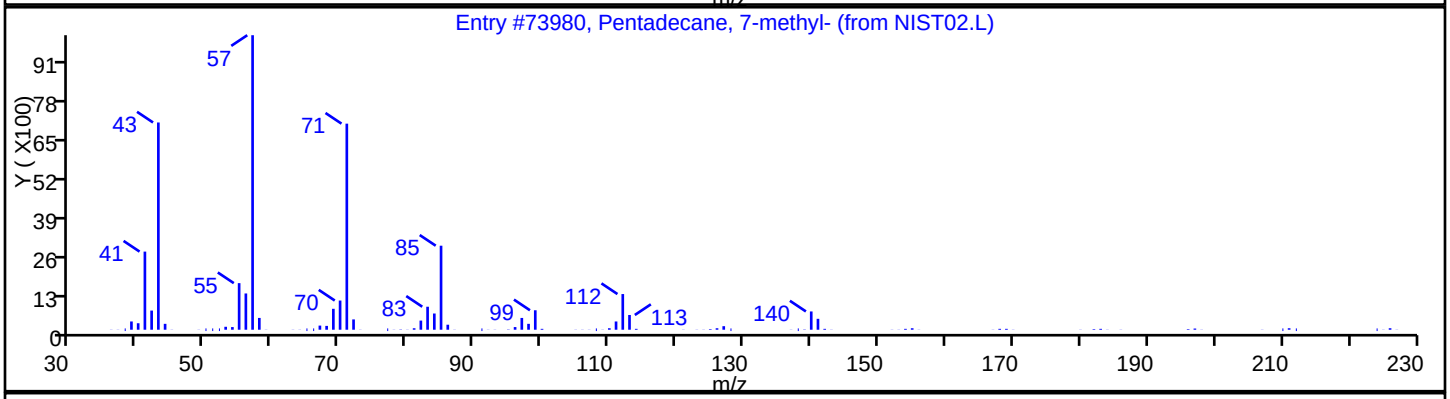
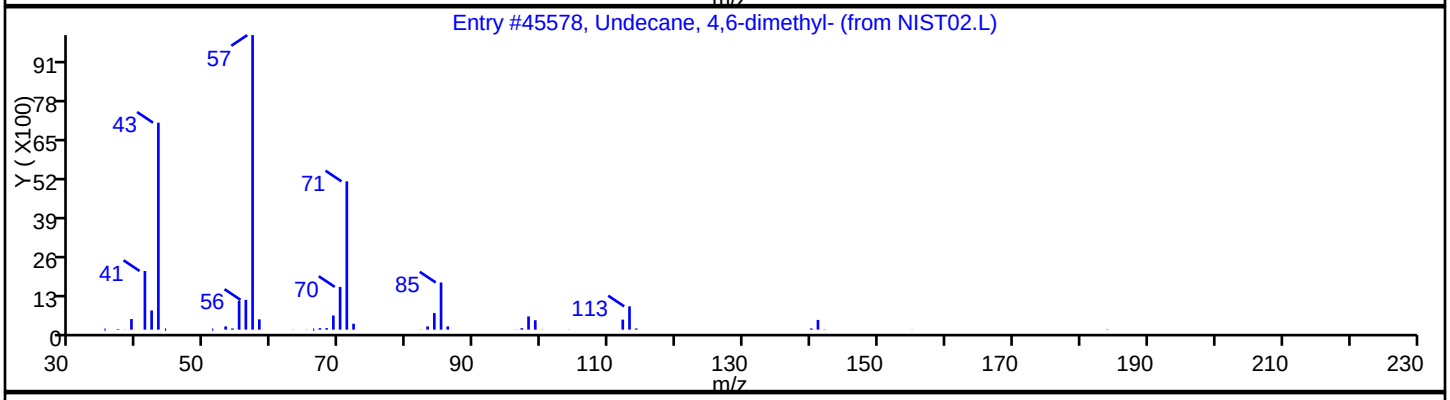
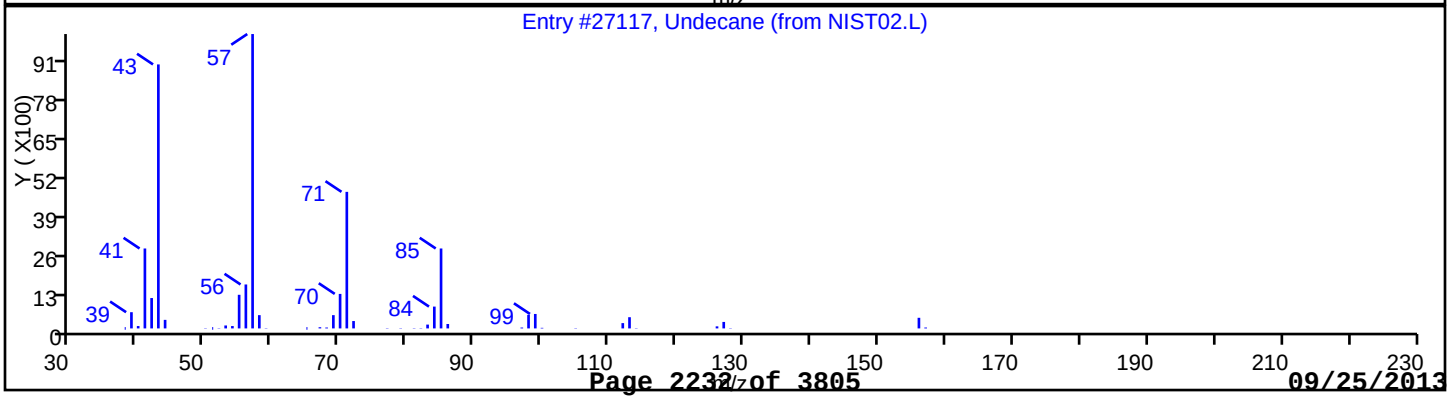
Injection Date:	19-Sep-2013 10:53:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-9SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane, 7-methyl-	6165-40-8	NIST02.L	73980	87
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.L	45578	87
Undecane	1120-21-4	NIST02.L	27117	80









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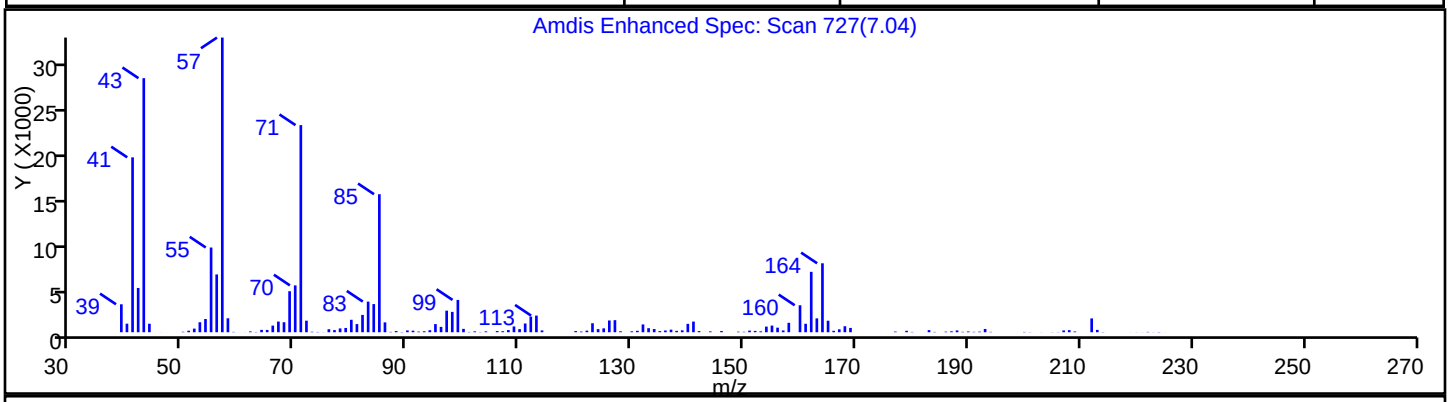
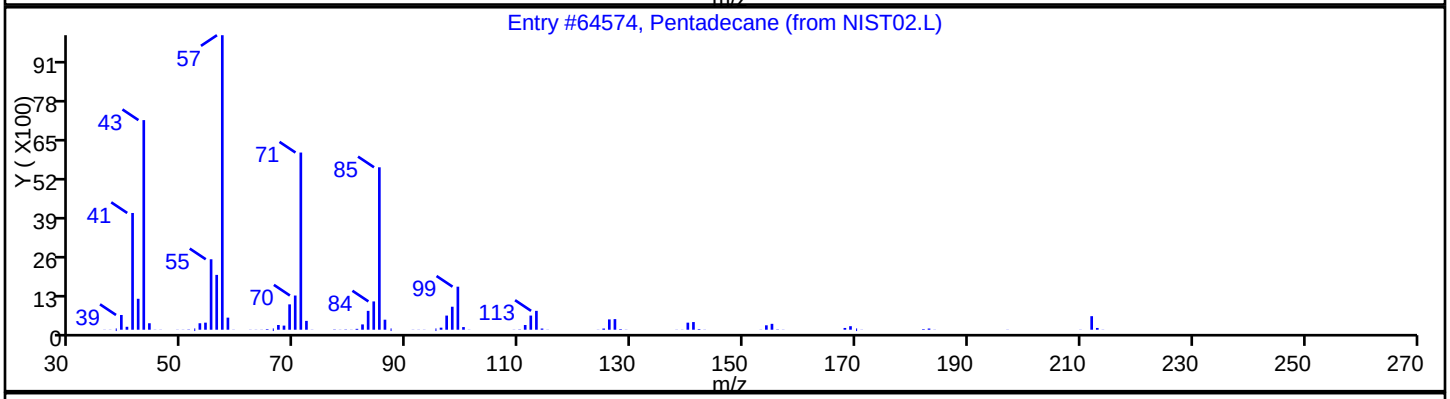
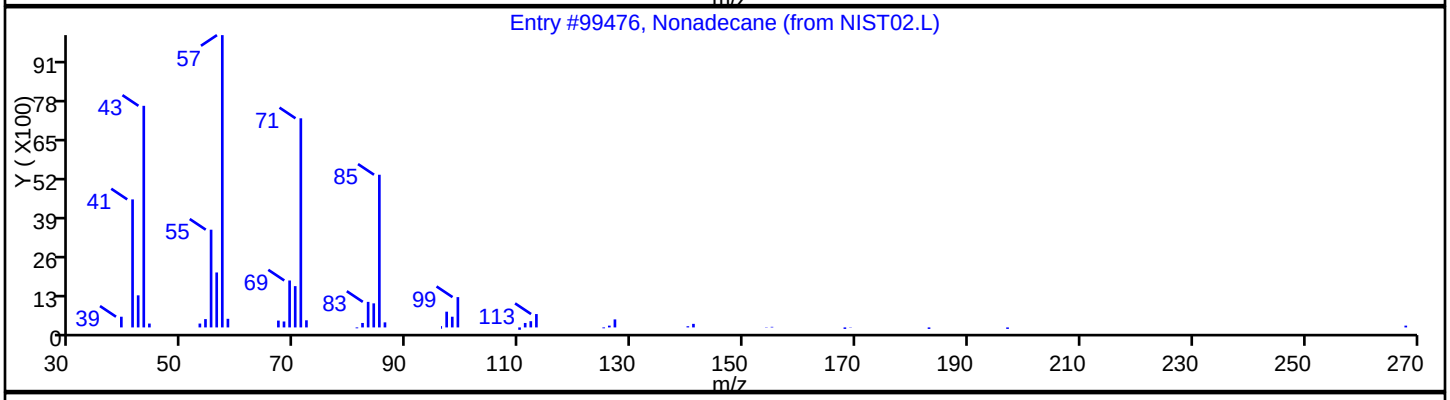
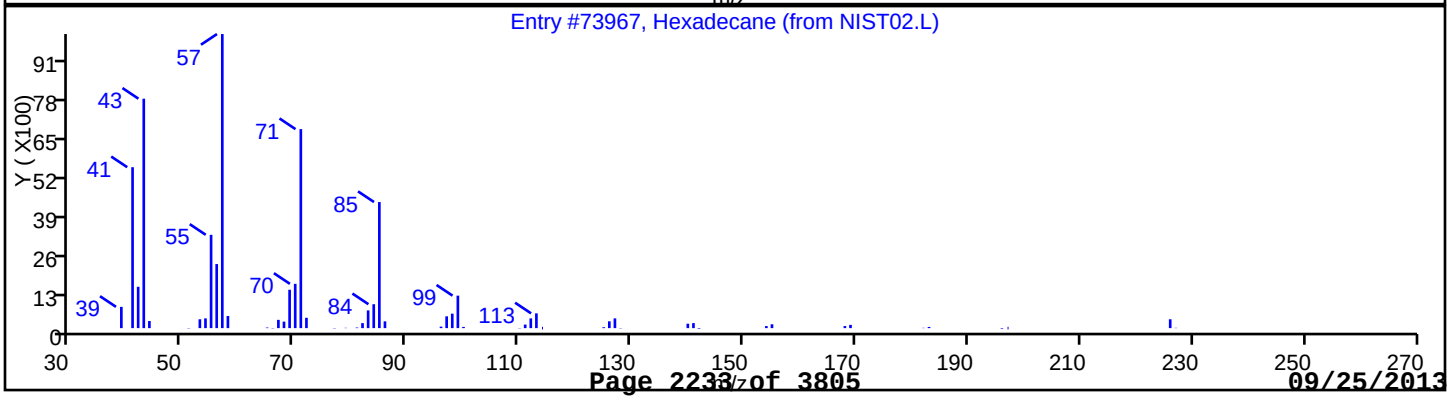
Injection Date:	19-Sep-2013 10:53:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-9SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane	629-62-9	NIST02.L	64574	97
Nonadecane	629-92-5	NIST02.L	99476	70
Hexadecane	544-76-3	NIST02.L	73967	70









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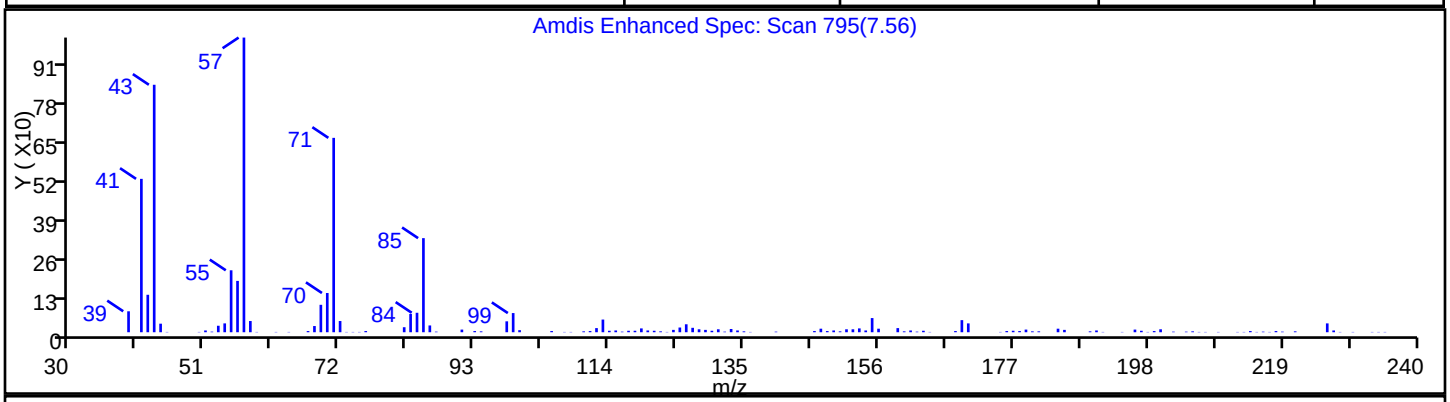
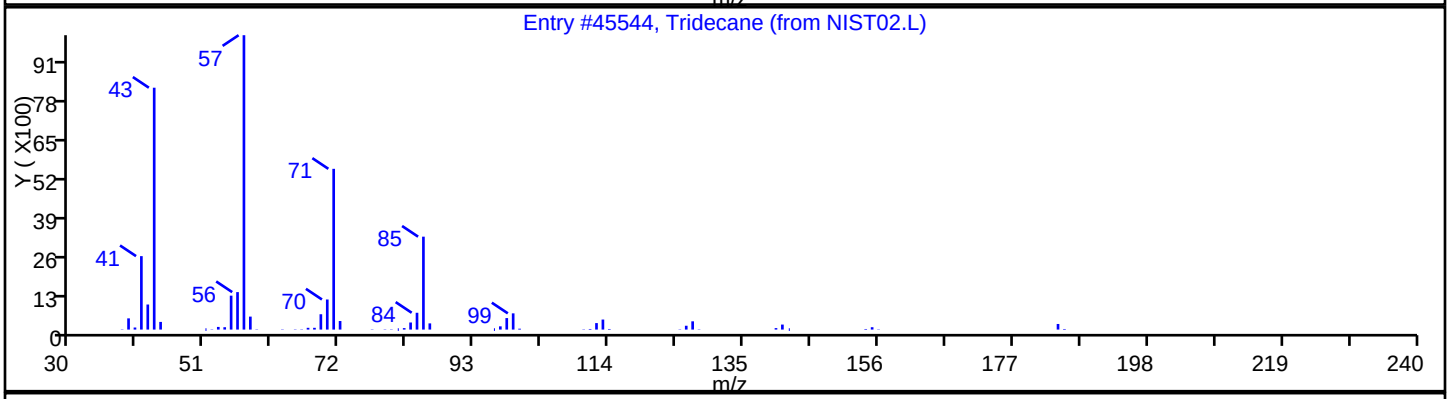
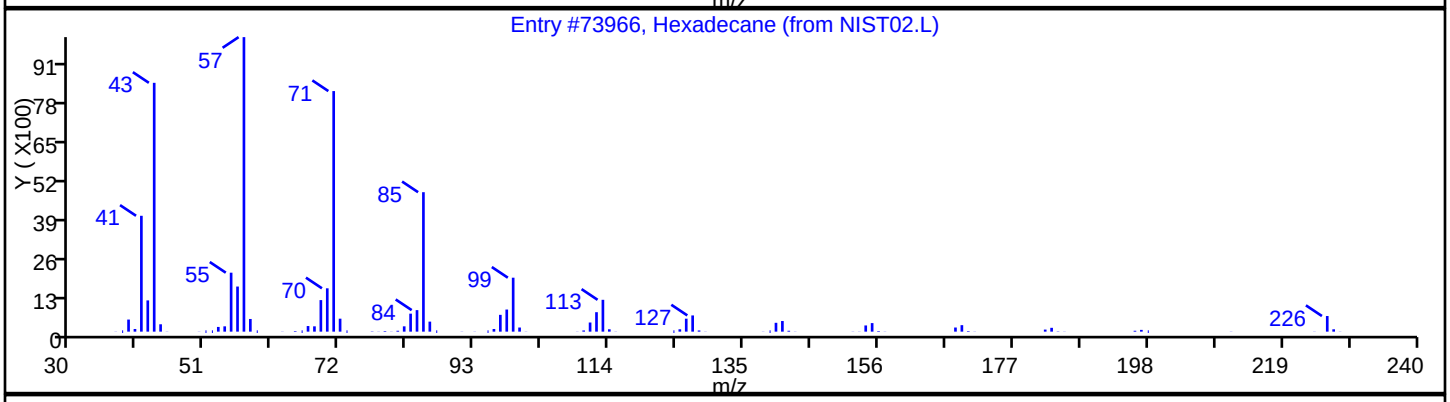
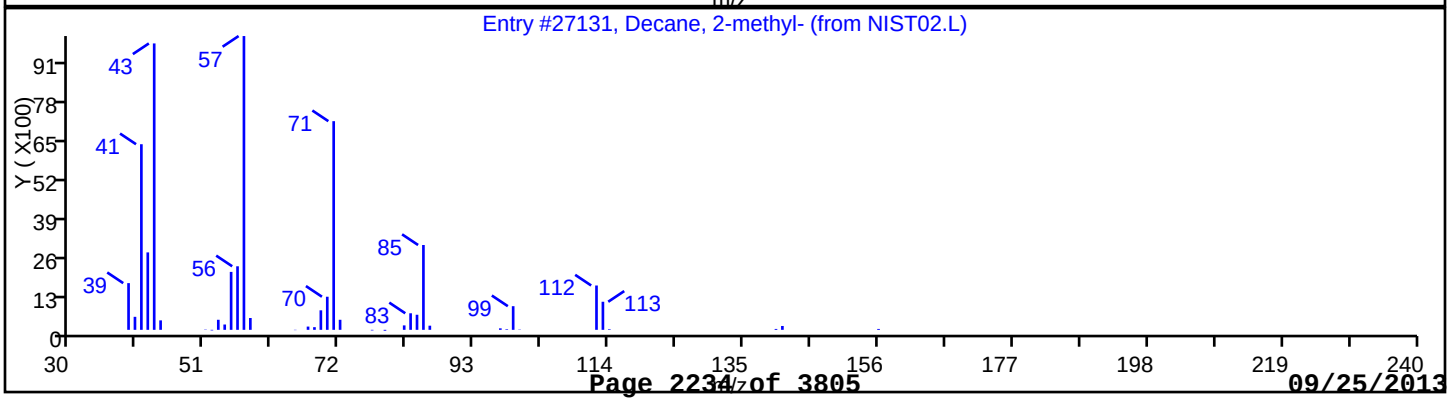
Injection Date:	19-Sep-2013 10:53:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-9SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tridecane	629-50-5	NIST02.L	45544	87
Hexadecane	544-76-3	NIST02.L	73966	81
Decane, 2-methyl-	6975-98-0	NIST02.L	27131	81









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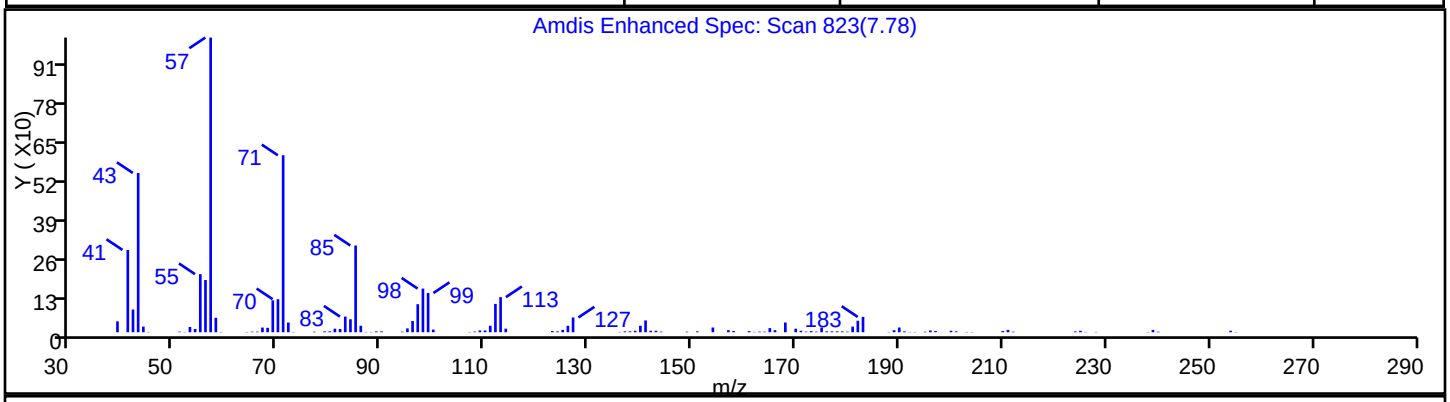
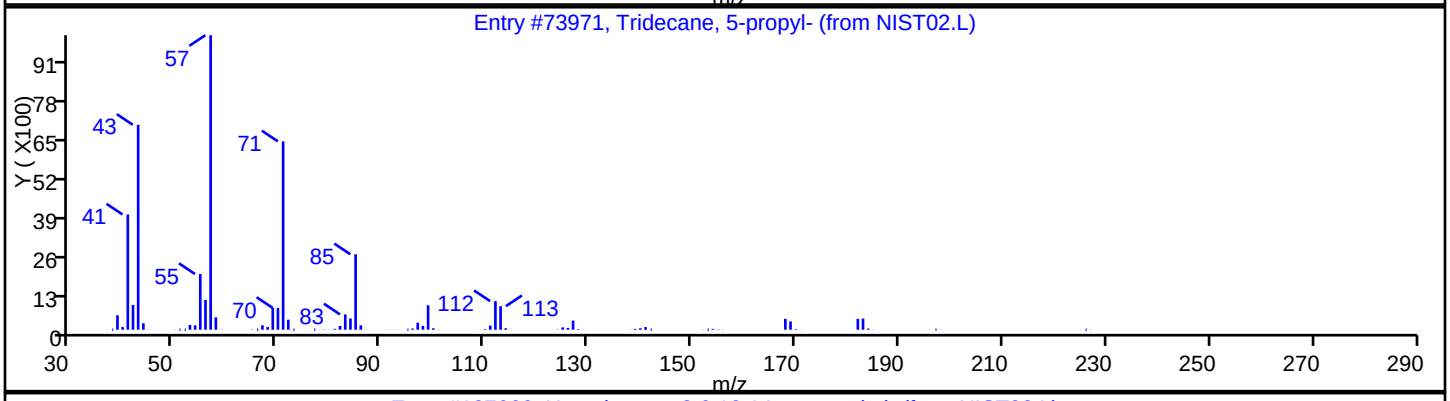
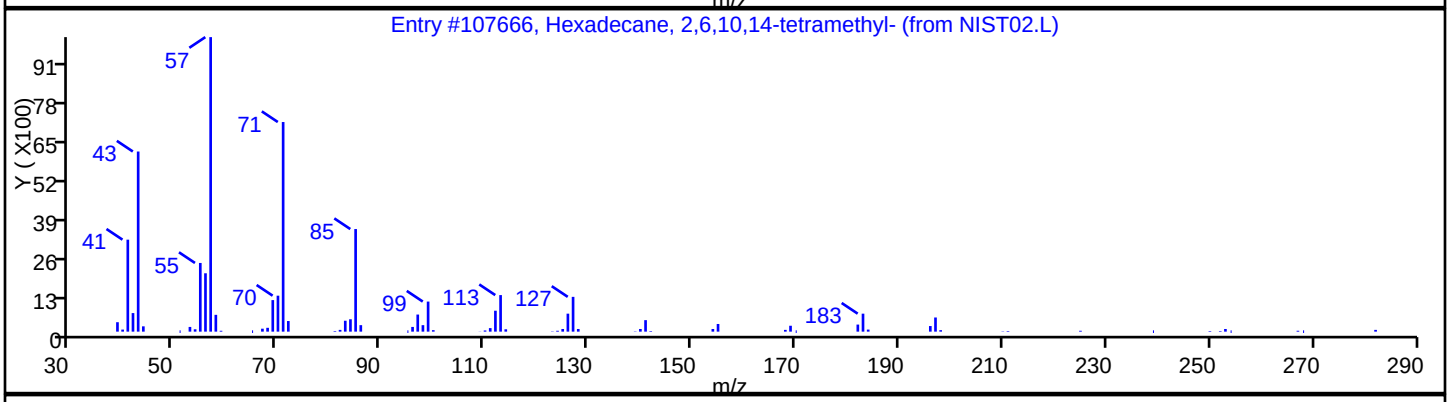
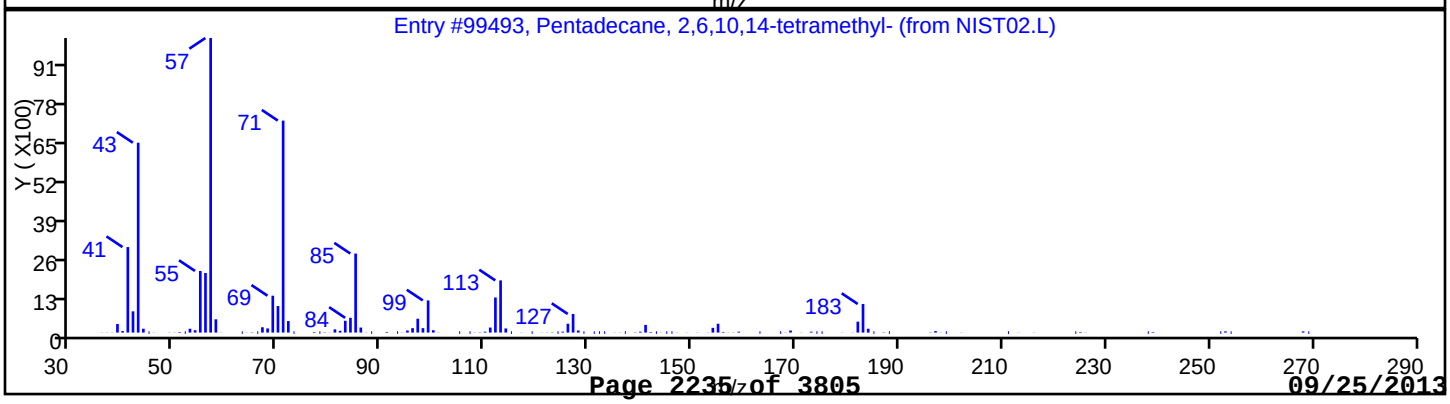
Injection Date:	19-Sep-2013 10:53:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-9SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tridecane, 5-propyl-	55045-11-9	NIST02.L	73971	96
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107666	86
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	80









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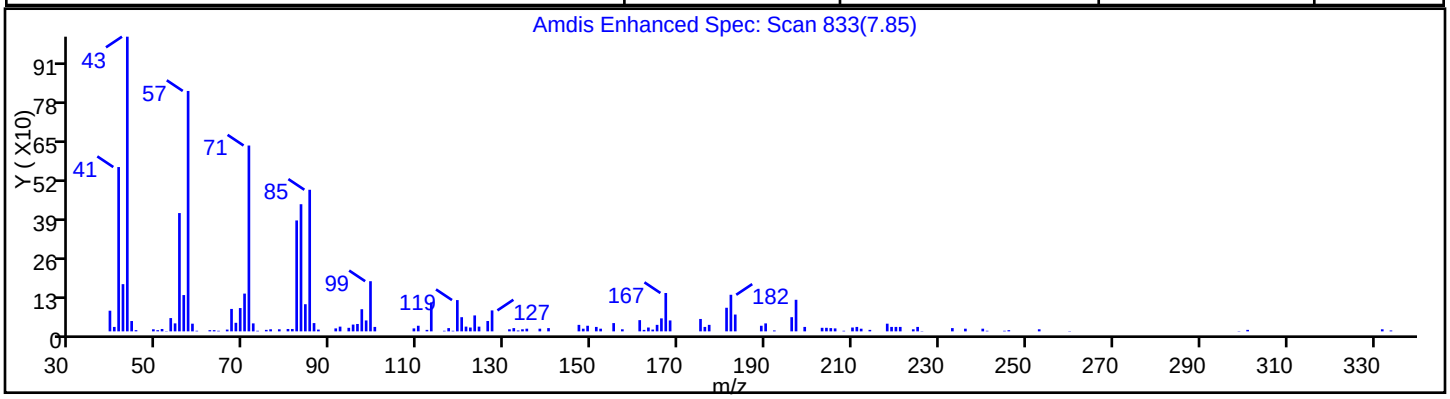
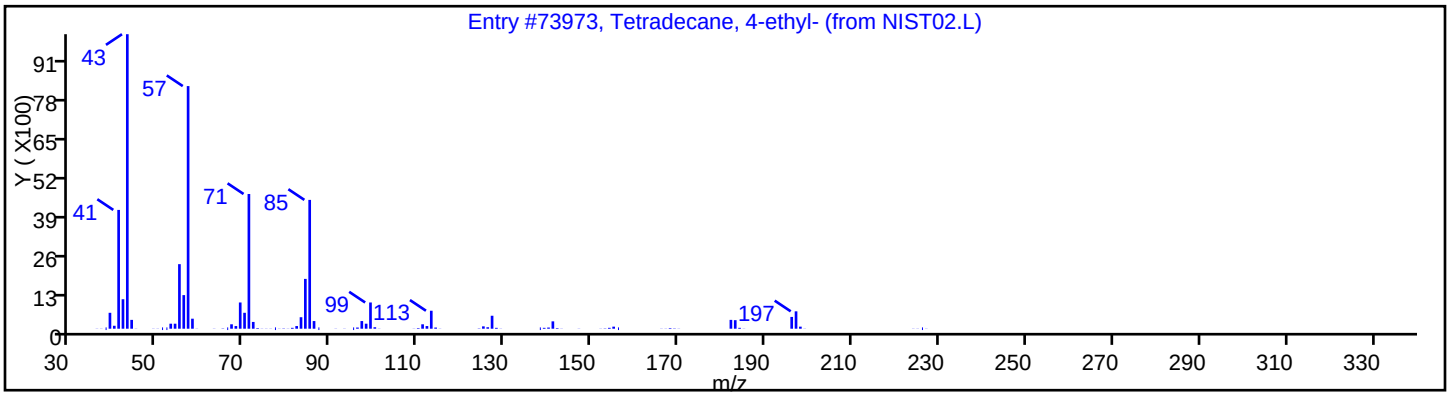
Injection Date:	19-Sep-2013 10:53:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-9SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown alkane		NIST02.L	0	0
Tetradecane, 4-ethyl-	55045-14-2	NIST02.L	73973	78





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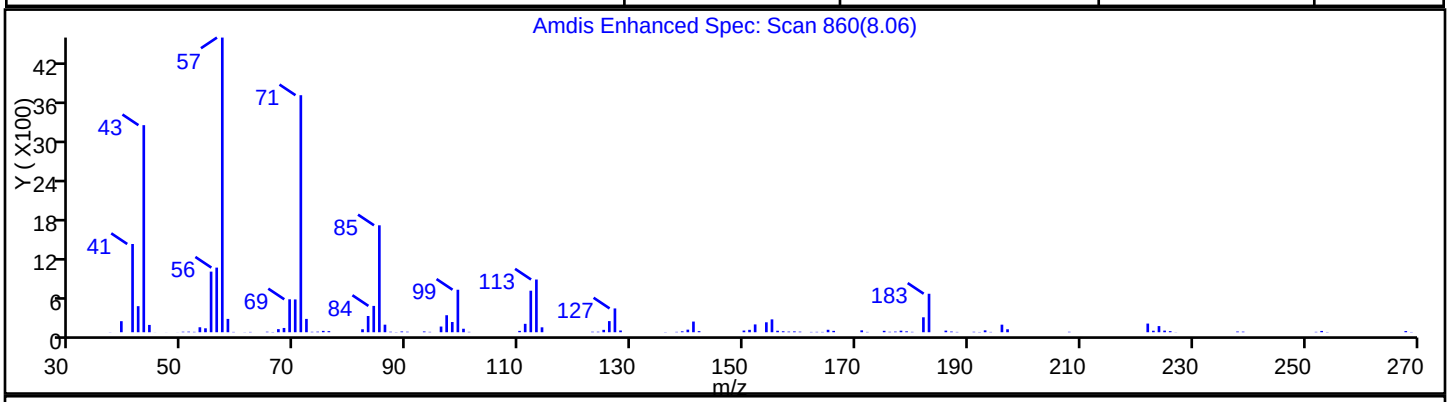
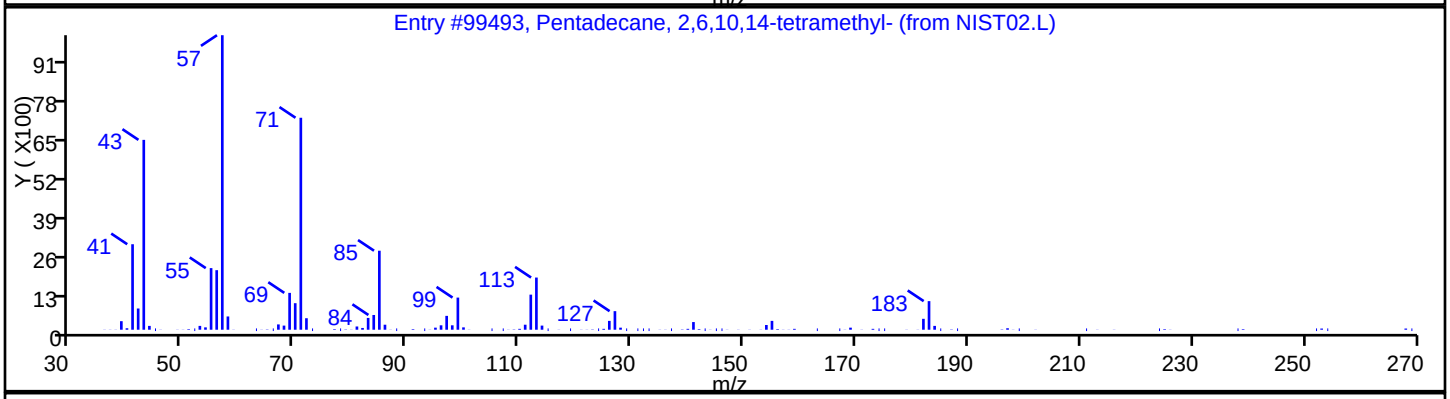
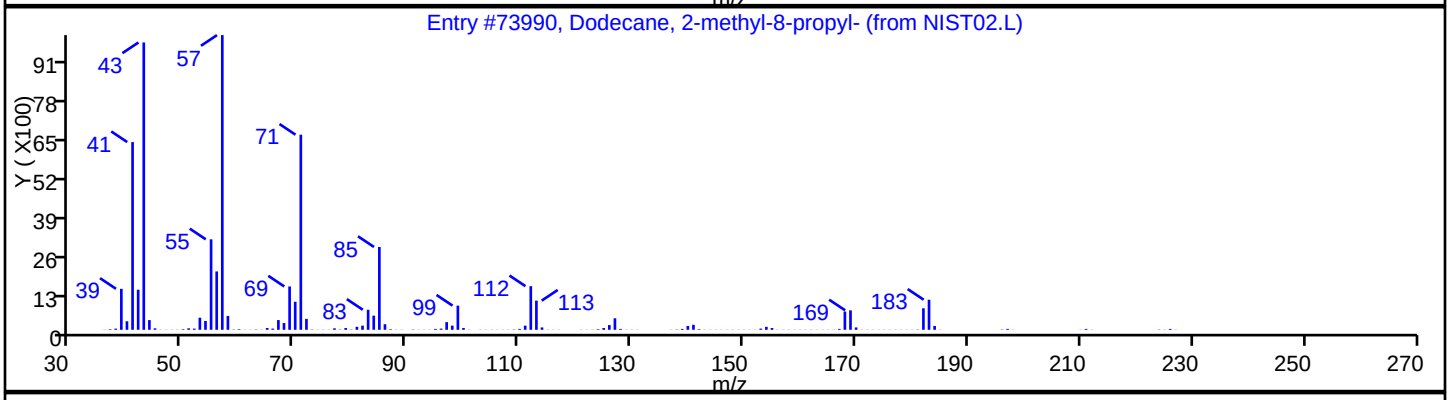
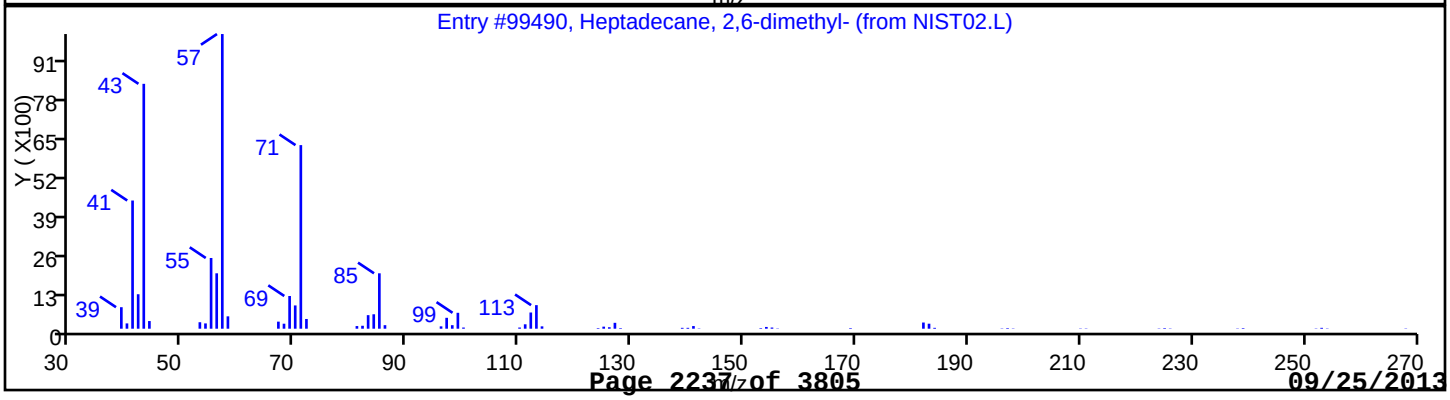
Injection Date:	19-Sep-2013 10:53:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-9SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	97
Dodecane, 2-methyl-8-propyl-	55045-07-3	NIST02.L	73990	91
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	91









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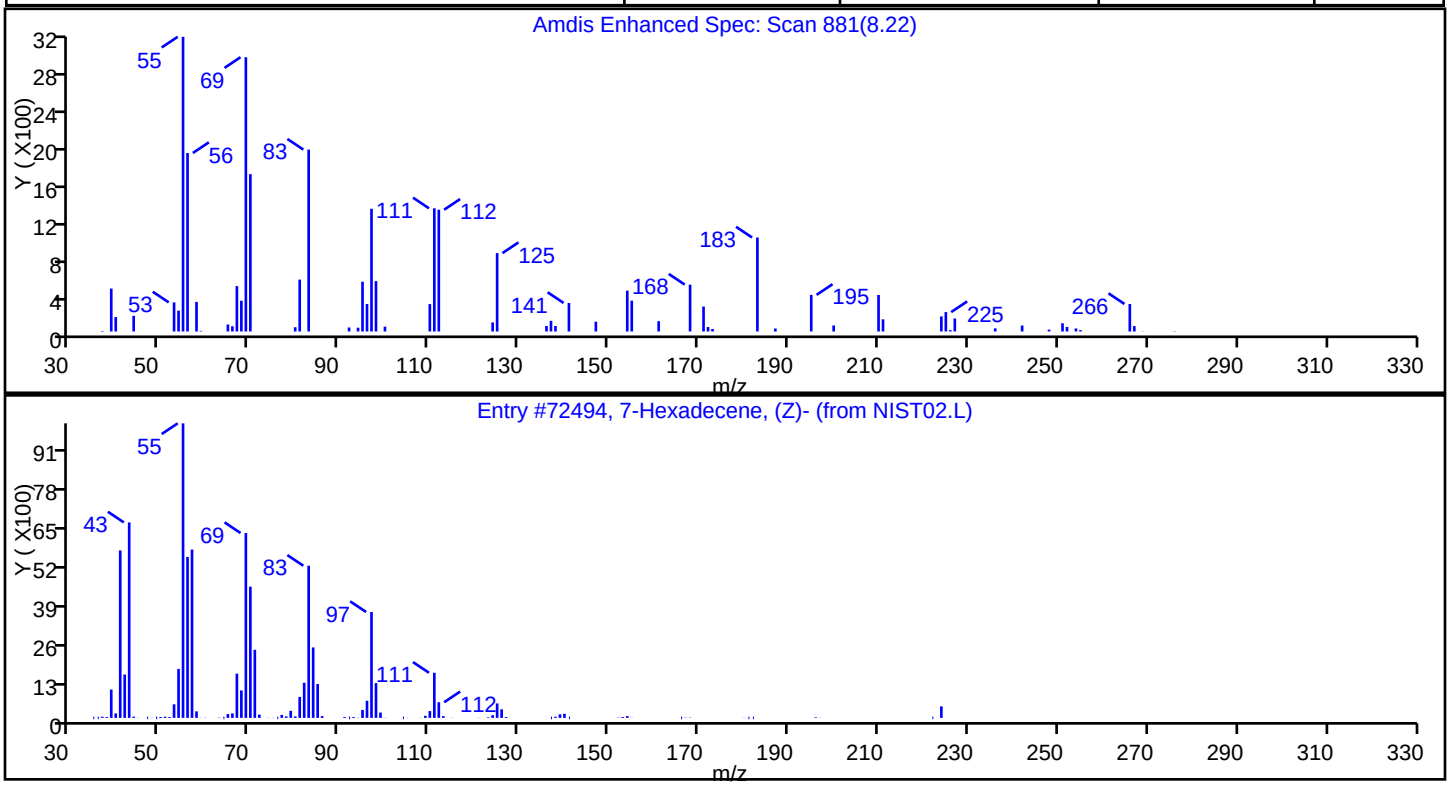
Client ID:	PMP-9SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
7-Hexadecene, (Z)-	35507-09-6	NIST02.L	72494	92



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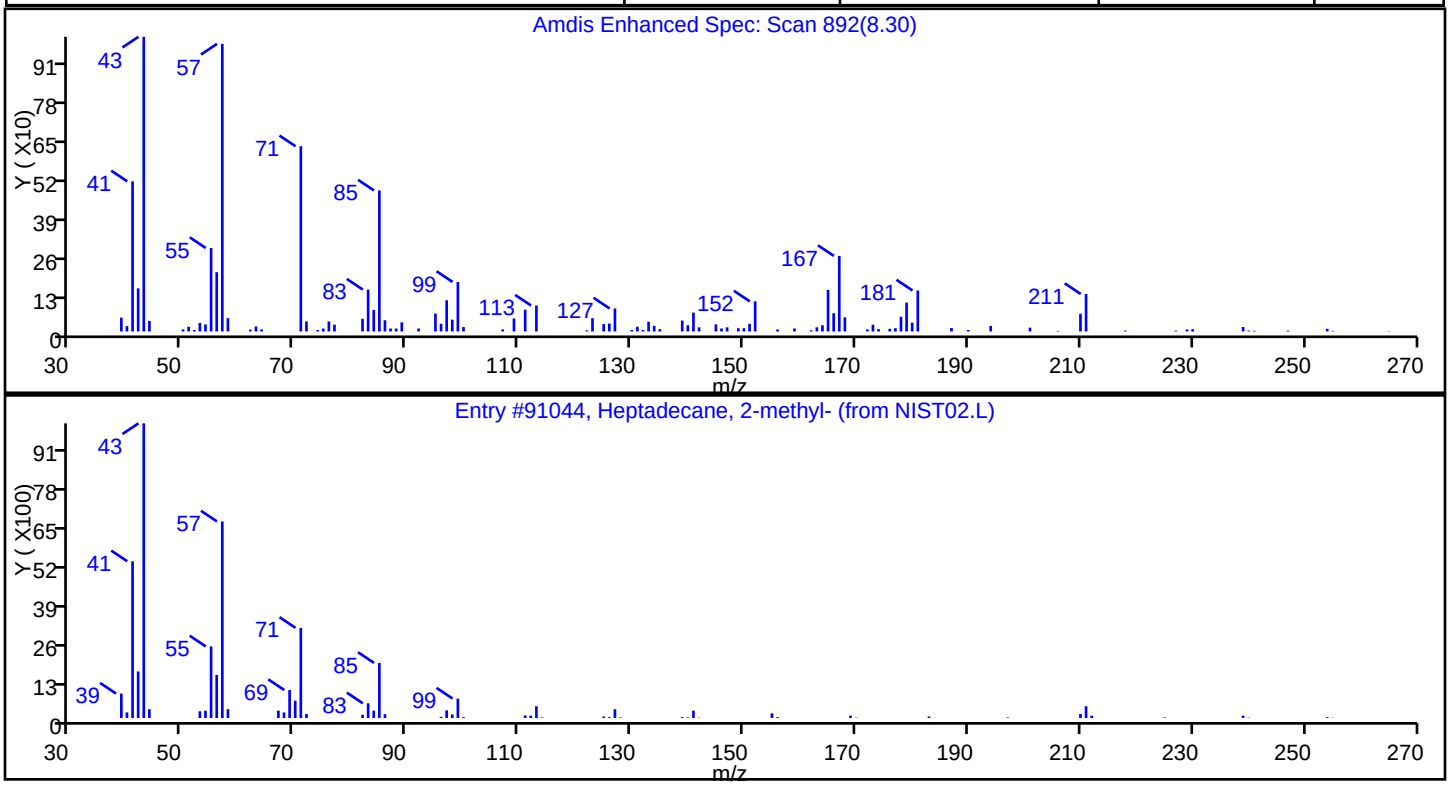
Client ID:	PMP-9SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Heptadecane, 2-methyl-	1560-89-0	NIST02.L	91044	95



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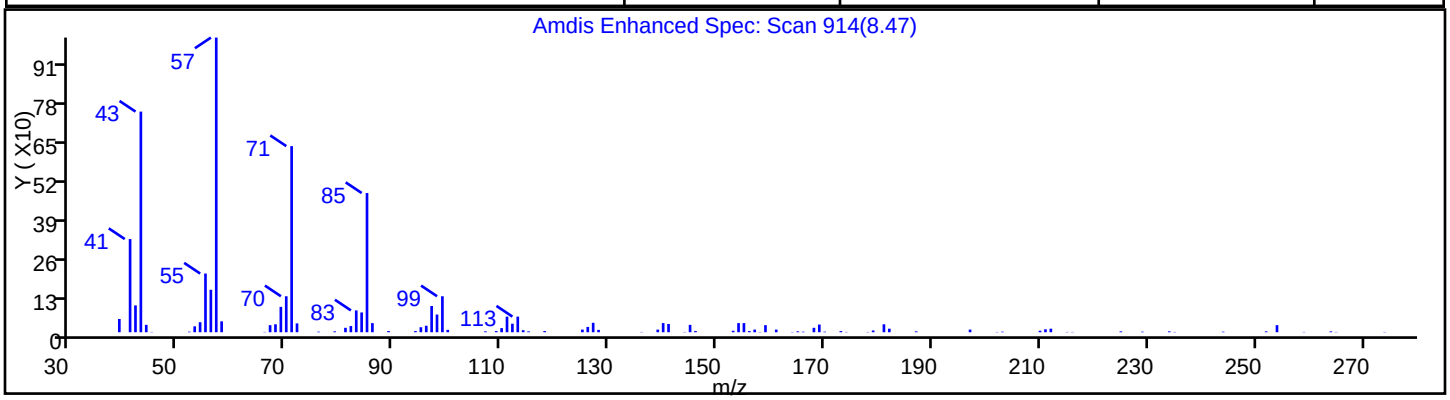
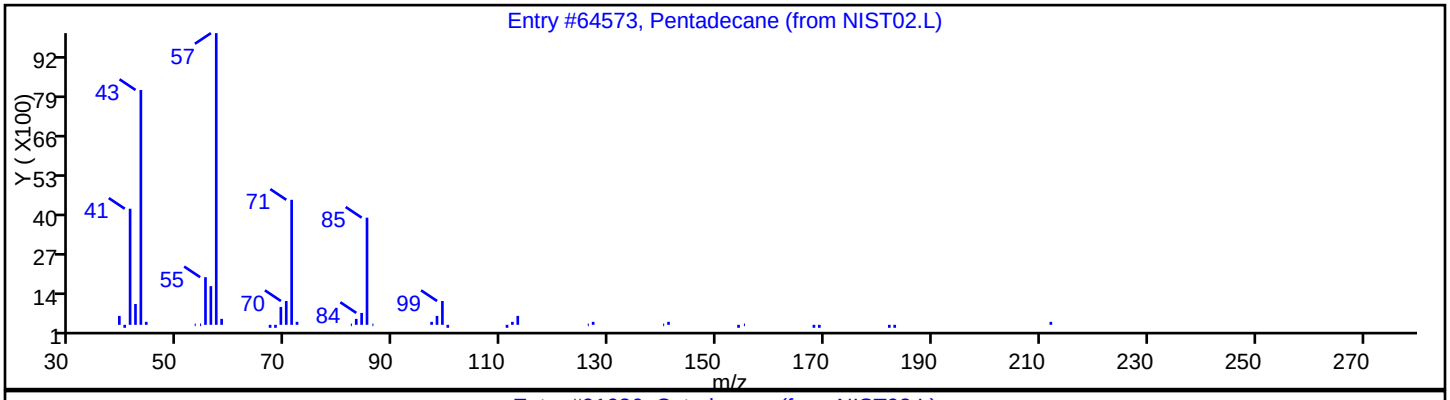
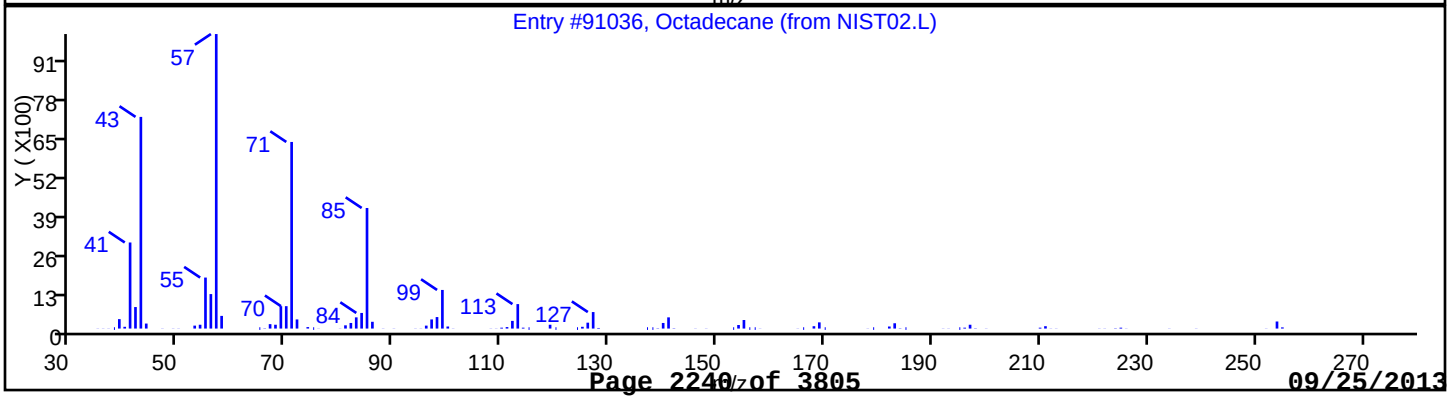
Injection Date:	19-Sep-2013 10:53:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-9SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown alkane		NIST02.L	0	0
Pentadecane	629-62-9	NIST02.L	64573	93
Octadecane	593-45-3	NIST02.L	91036	91







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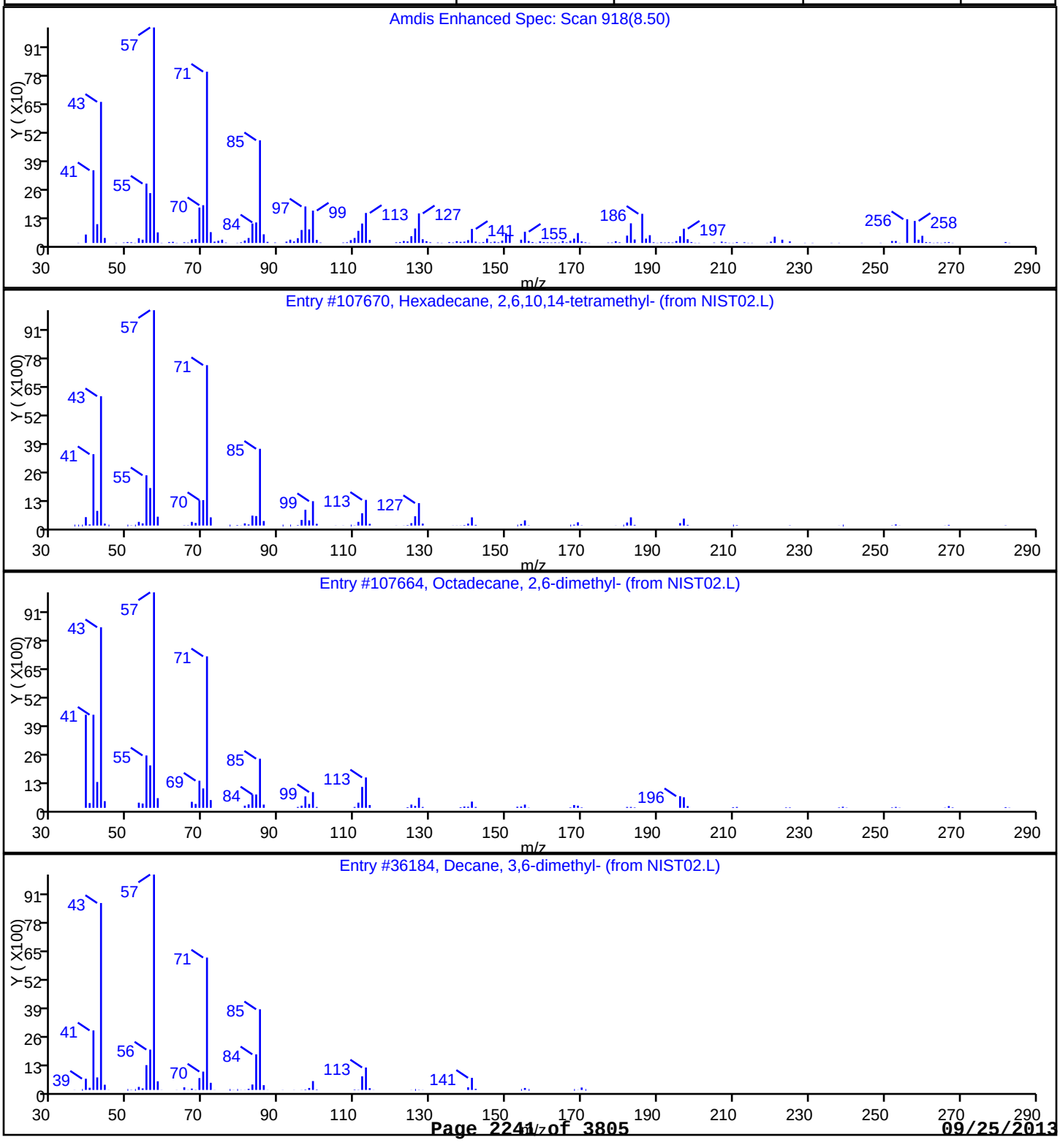
Lims Batch ID:	182070	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	98
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.L	107664	83
Decane, 3,6-dimethyl-	17312-53-7	NIST02.L	36184	70



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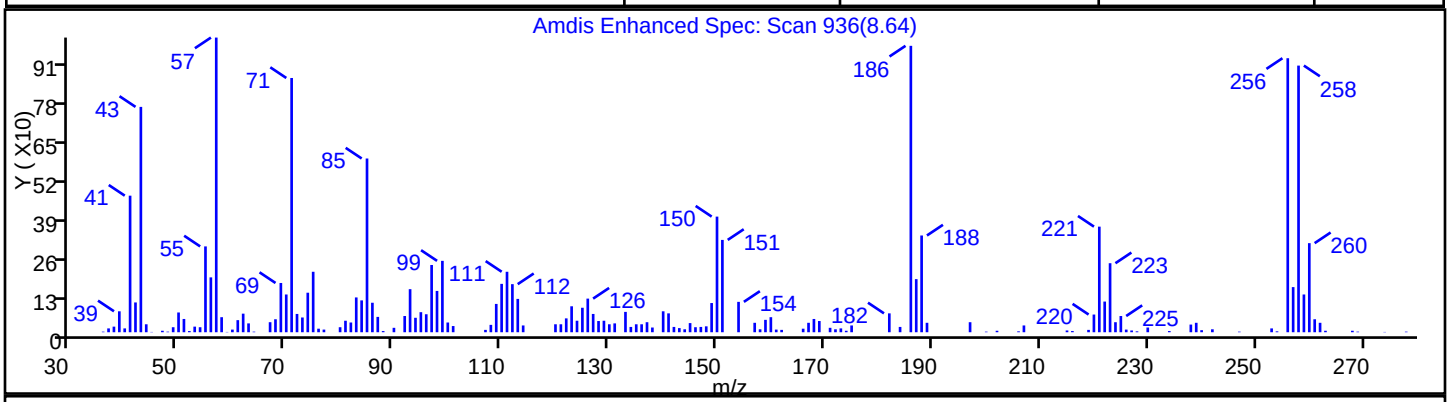
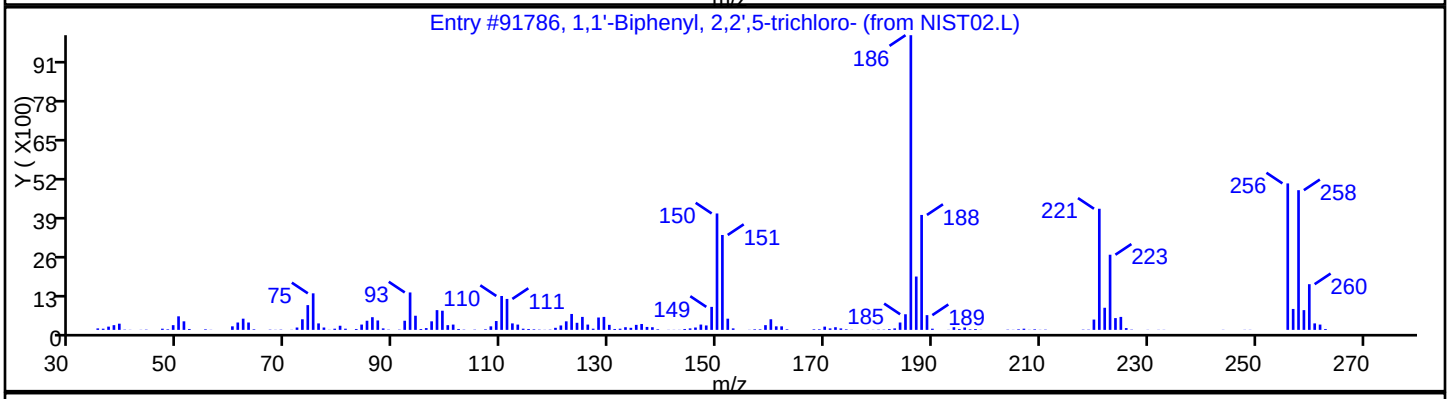
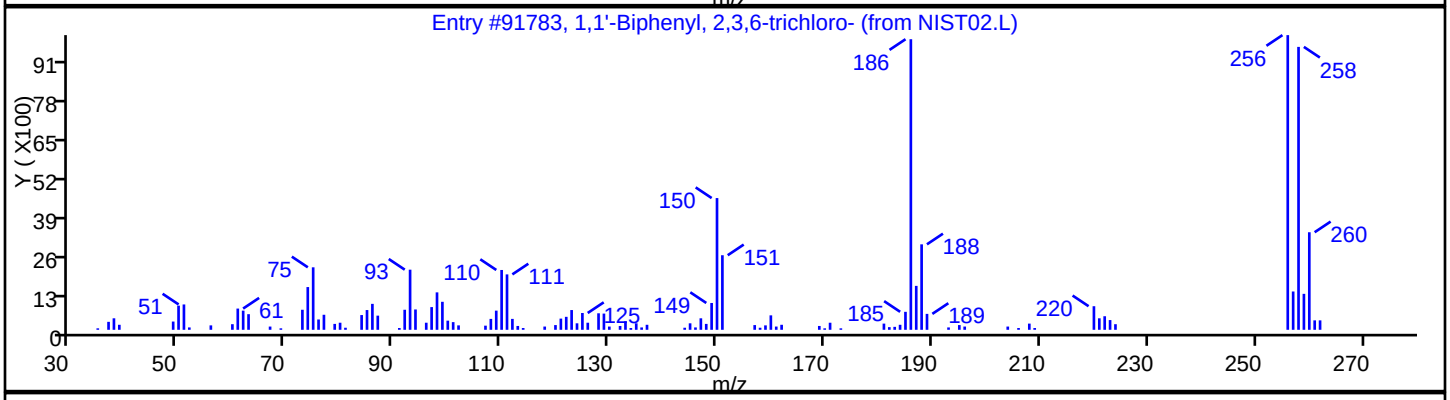
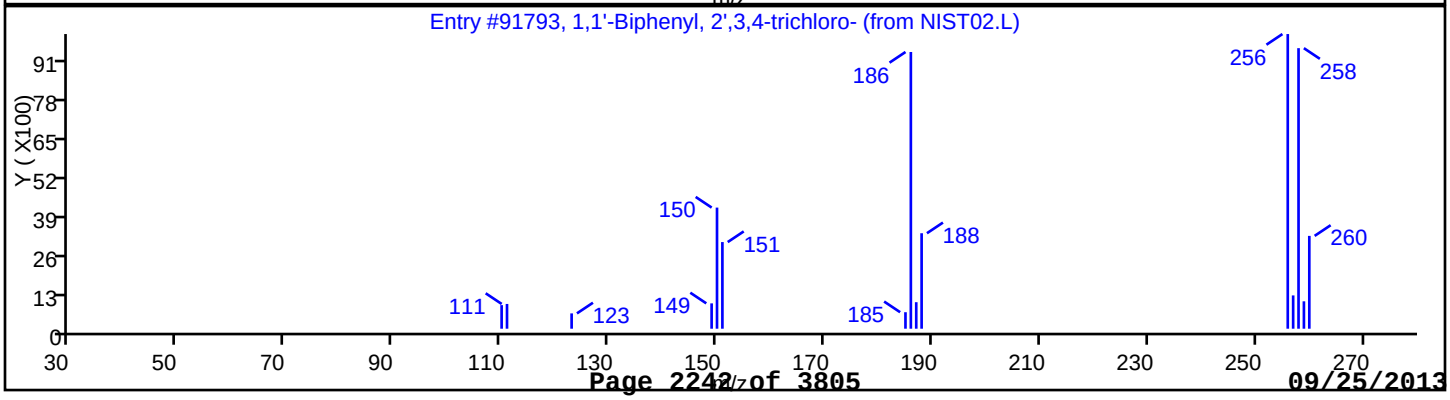
Lims Batch ID:	182070	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.L	91786	98
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.L	91783	97
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	97









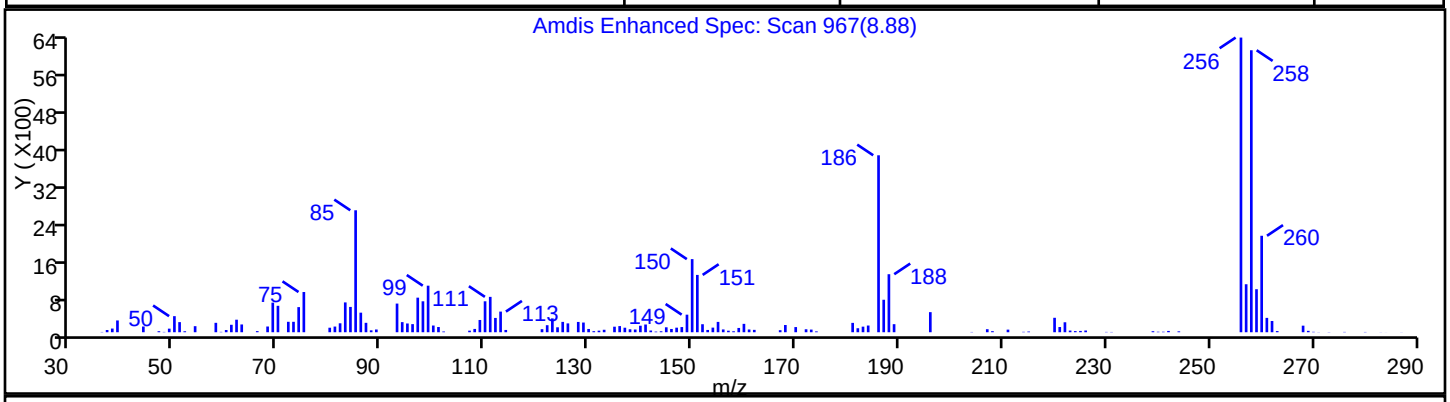
Report Date: 20-Sep-2013 11:18:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

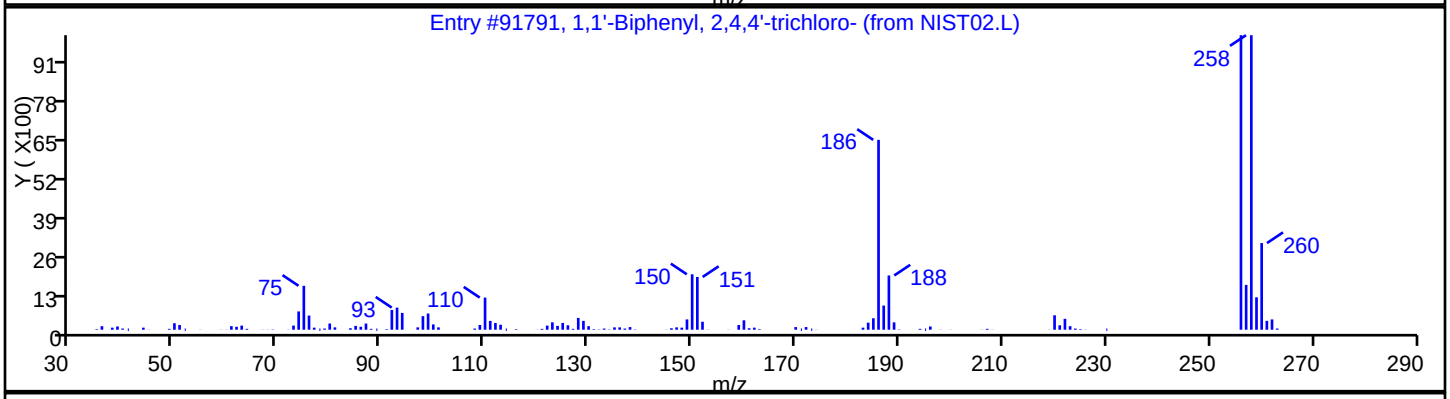
TestAmerica Edison

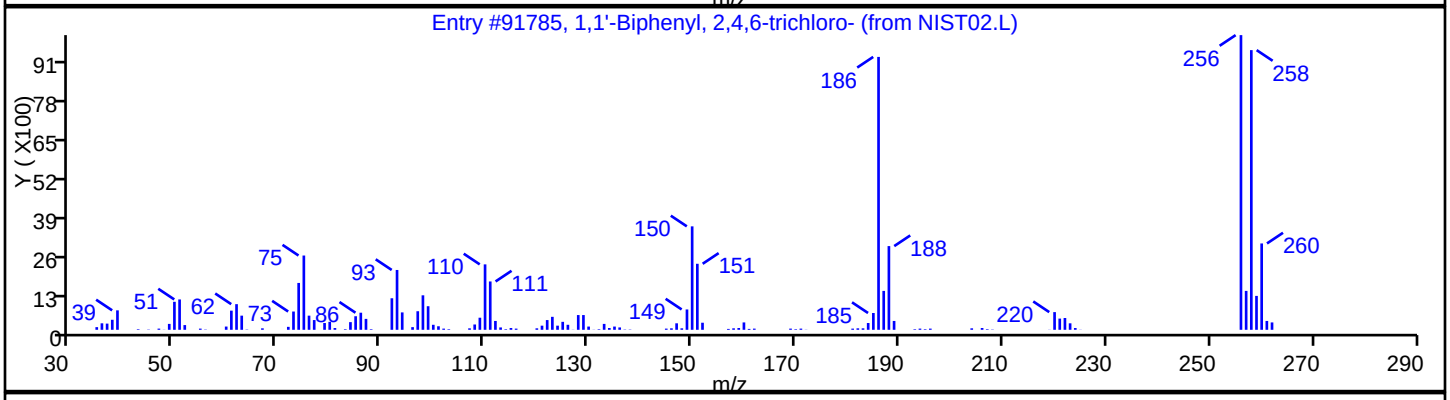
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91006.D

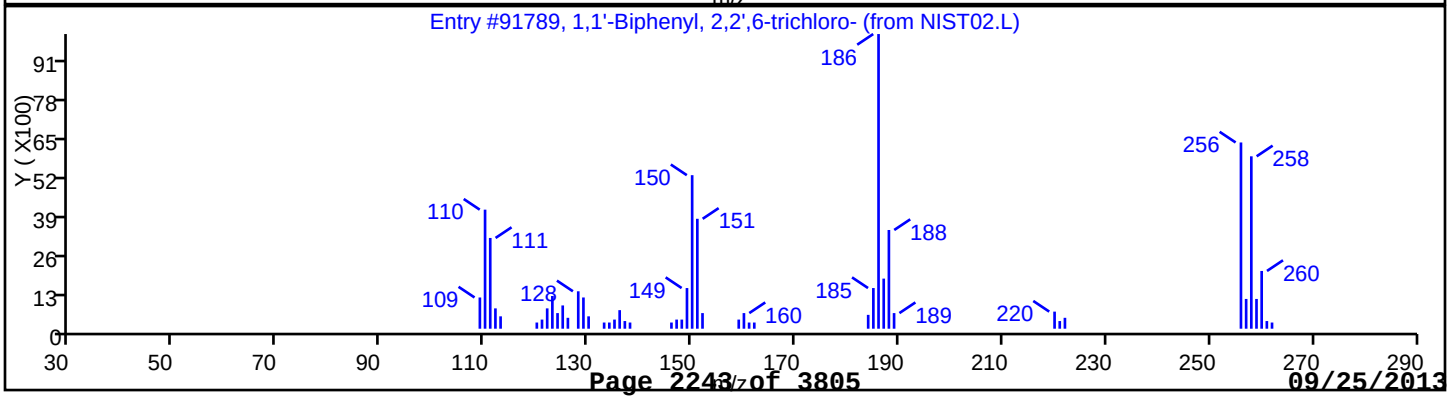
Injection Date:	19-Sep-2013 10:53:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-9SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

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, 2,4,6-trichloro-	35693-92-6	NIST02.L	91785	99
1,1'-Biphenyl, 2,2',6-trichloro-	38444-73-4	NIST02.L	91789	98









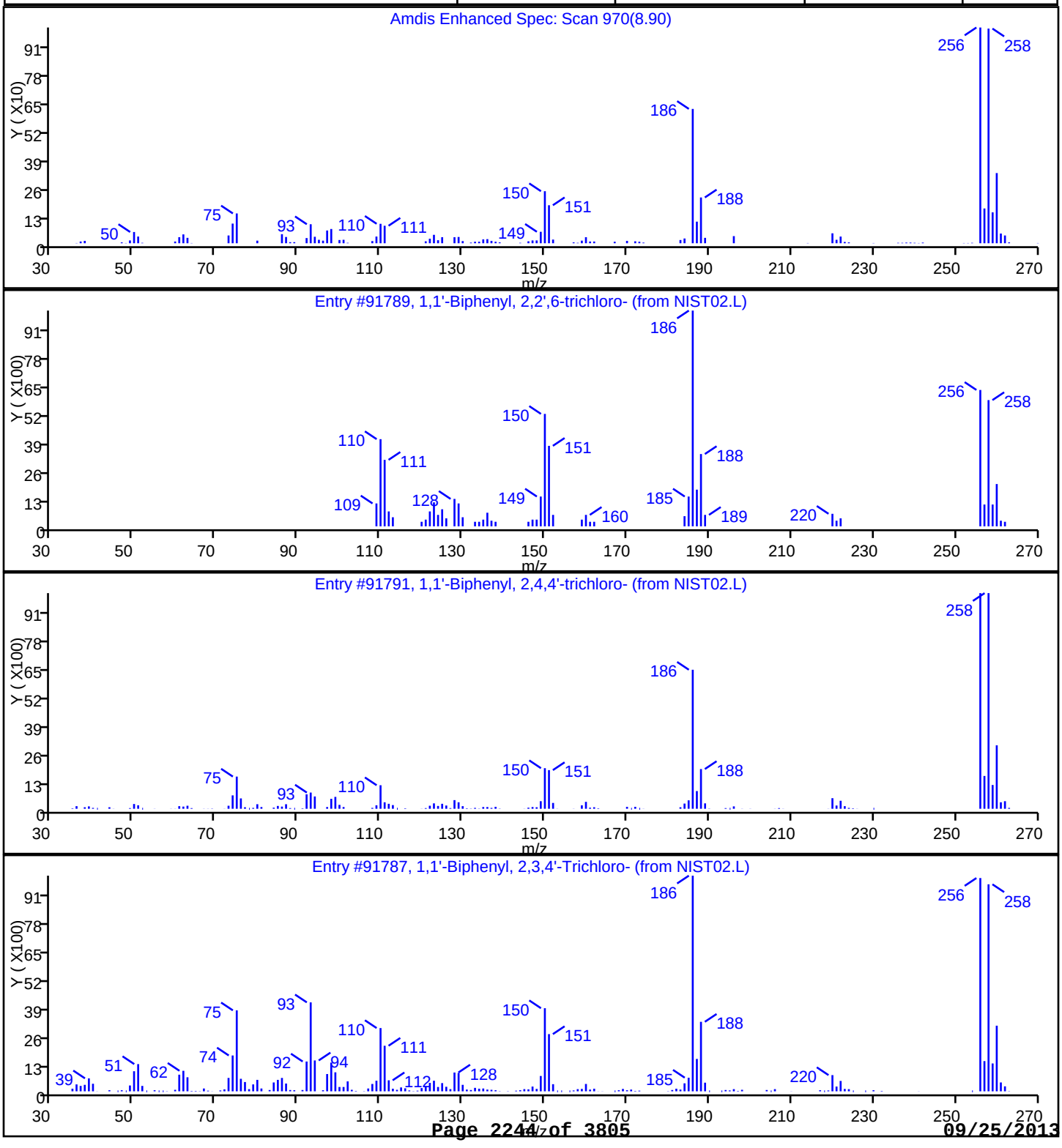
Report Date: 20-Sep-2013 11:18:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91006.D

Injection Date:	19-Sep-2013 10:53:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-9SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,2',6-trichloro-	38444-73-4	NIST02.L	91789	98
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	97
1,1'-Biphenyl, 2,3,4'-Trichloro-	38444-85-8	NIST02.L	91787	97



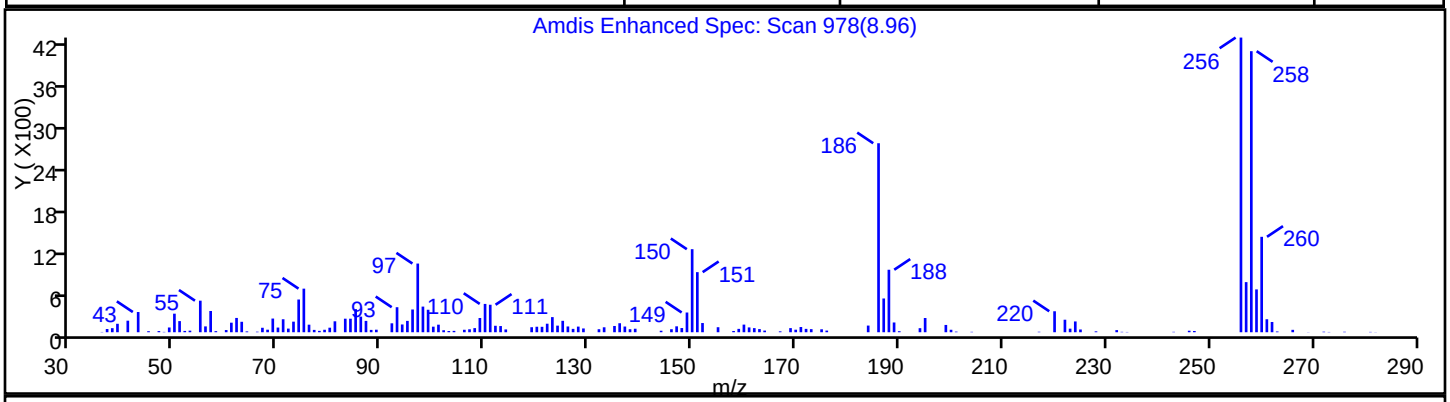
Report Date: 20-Sep-2013 11:18:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

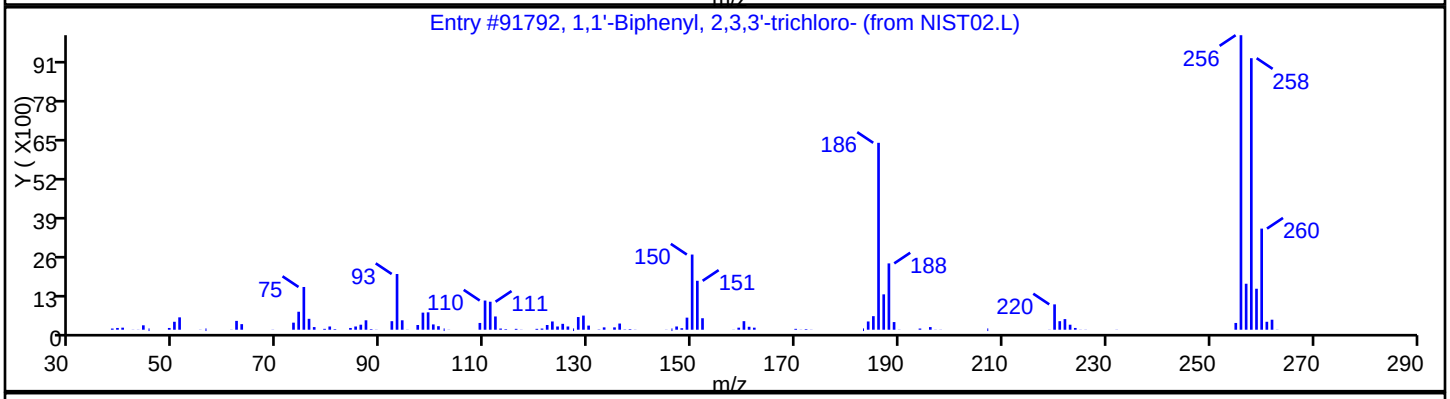
TestAmerica Edison

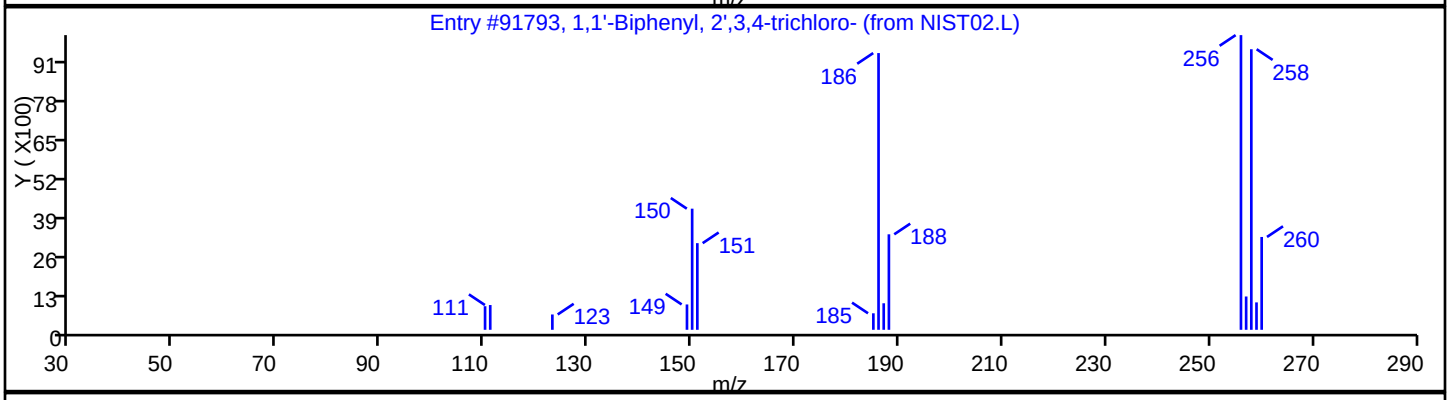
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91006.D

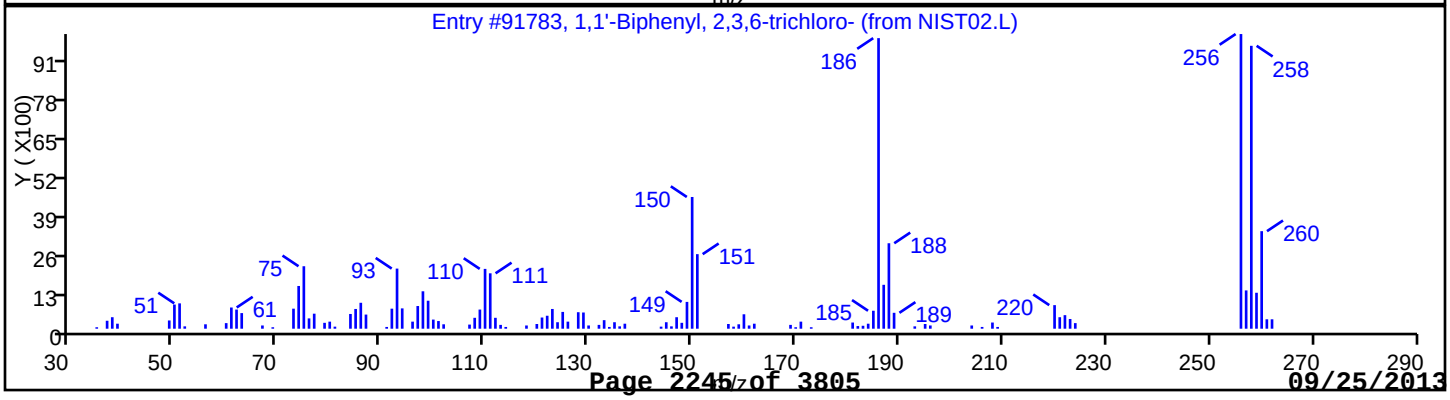
Injection Date:	19-Sep-2013 10:53:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-9SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.L	91792	99
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	97
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.L	91783	96









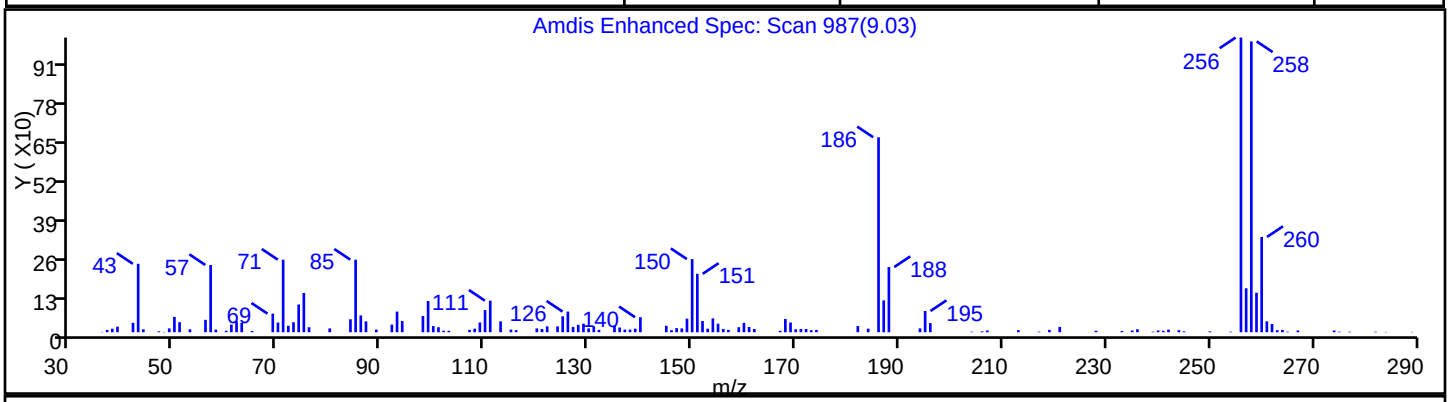
Report Date: 20-Sep-2013 11:18:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

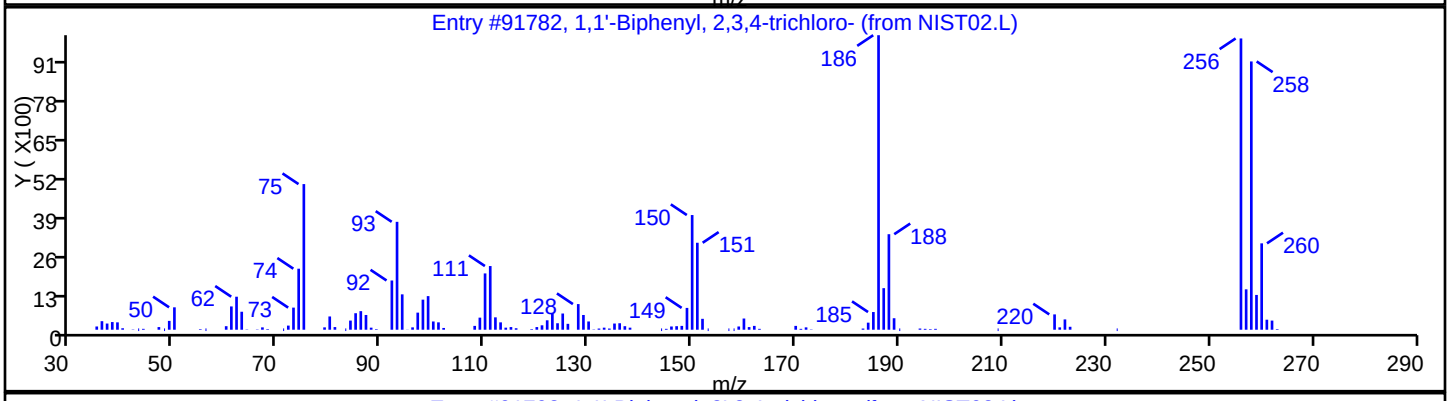
TestAmerica Edison

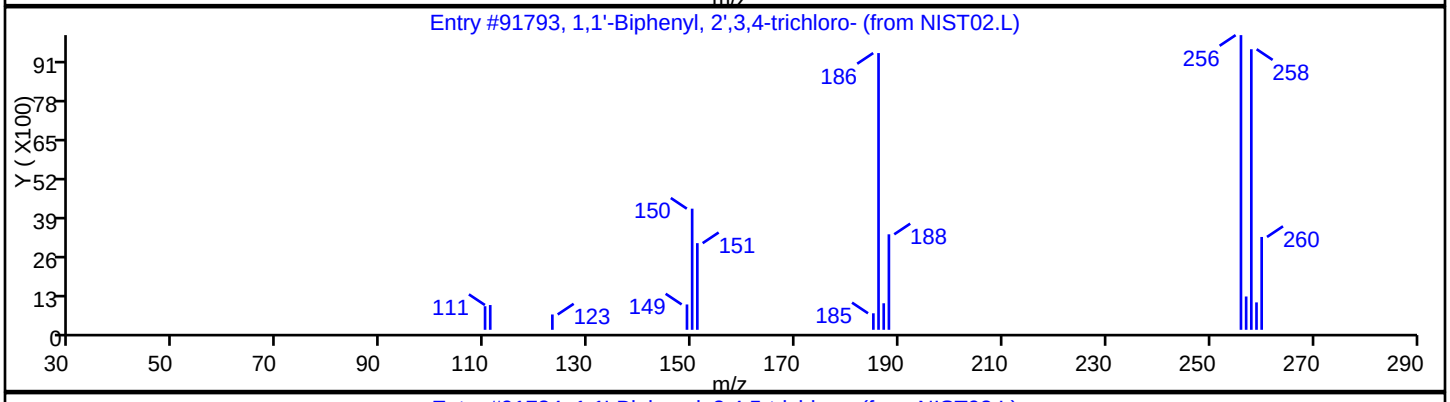
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91006.D

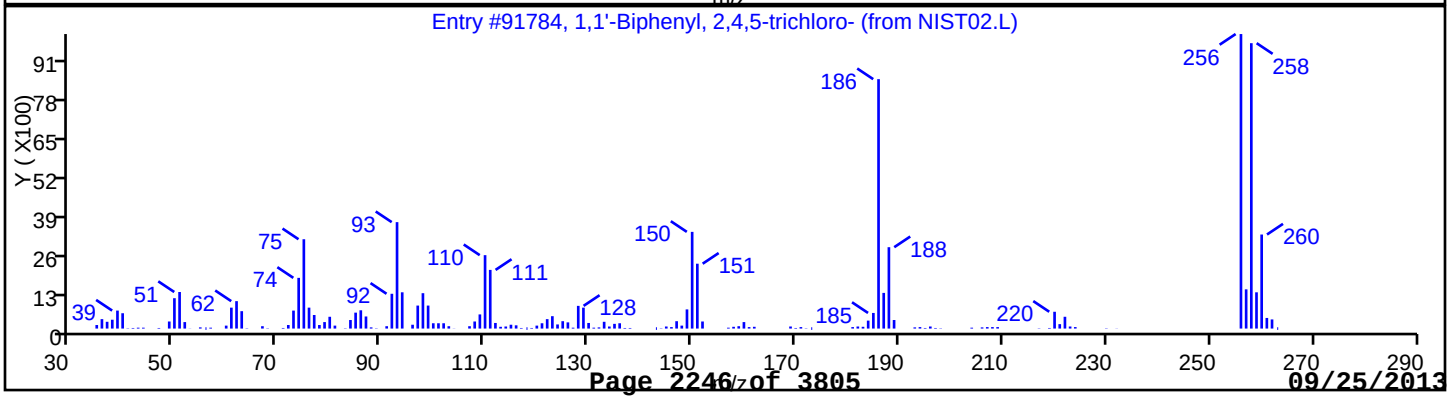
Injection Date:	19-Sep-2013 10:53:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-9SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	98
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	95
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	95









FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VS | Lab Sample ID: 460-62968-27

Matrix: Solid | Lab File ID: U91020.D

Analysis Method: 8270C | Date Collected: 09/12/2013 15:15

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 17:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182194 | 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	59	U	350	59
98-95-3	Nitrobenzene	50	U	350	50
67-72-1	Hexachloroethane	39	U	350	39
78-59-1	Isophorone	430	U	3500	430
88-75-5	2-Nitrophenol	390	U	3500	390
105-67-9	2,4-Dimethylphenol	870	U	3500	870
120-83-2	2,4-Dichlorophenol	520	U	3500	520
111-91-1	Bis(2-chloroethoxy)methane	460	U	3500	460
91-20-3	Naphthalene	410	U	3500	410
106-47-8	4-Chloroaniline	930	U	3500	930
87-68-3	Hexachlorobutadiene	86	U	710	86
105-60-2	Caprolactam	810	U	3500	810
59-50-7	4-Chloro-3-methylphenol	530	U	3500	530
91-57-6	2-Methylnaphthalene	510	J	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	460	U	3500	460
92-52-4	Diphenyl	990	J	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	420	U	3500	420
208-96-8	Acenaphthylene	420	U	3500	420
99-09-2	3-Nitroaniline	1200	U	7100	1200
83-32-9	Acenaphthene	2300	J	3500	510

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VS | Lab Sample ID: 460-62968-27

Matrix: Solid | Lab File ID: U91020.D

Analysis Method: 8270C | Date Collected: 09/12/2013 15:15

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 17:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182194 | 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	960	U	11000	960
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	420	U	3500	420
85-01-8	Phenanthrene	450	U	3500	450
87-86-5	Pentachlorophenol	1100	U	11000	1100
129-00-0	Pyrene	300	U	3500	300
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	25	U	350	25
86-30-6	N-Nitrosodiphenylamine	350	U	3500	350
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	66	U	350	66
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	460	U	3500	460

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VS | Lab Sample ID: 460-62968-27

Matrix: Solid | Lab File ID: U91020.D

Analysis Method: 8270C | Date Collected: 09/12/2013 15:15

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 17:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182194 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	69		38-105
4165-62-2	Phenol-d5	69		41-118
1718-51-0	Terphenyl-d14	78		16-151
118-79-6	2,4,6-Tribromophenol	65		10-120
367-12-4	2-Fluorophenol	69		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VS | Lab Sample ID: 460-62968-27

Matrix: Solid | Lab File ID: U91020.D

Analysis Method: 8270C | Date Collected: 09/12/2013 15:15

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 17:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182194 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 1.013e+006

CAS NO.	COMPOUND NAME	RT	RESULT	Q
629-62-9	Pentadecane	7.02	29000	J N
544-76-3	Hexadecane	7.52	43000	J N
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	7.70	130000	J N
2050-68-2	1,1'-Biphenyl, 4,4'-dichloro-	8.11	78000	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	8.47	130000	J N
2050-67-1	1,1'-Biphenyl, 3,3'-dichloro-	8.52	110000	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	8.62	54000	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.88	150000	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.95	64000	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	9.01	30000	J N
41464-41-9	1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	9.13	36000	J N
35693-99-3	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	9.29	36000	J N
2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	9.62	53000	J N
31508-00-6	1,1'-Biphenyl, 2,3',4,4',5-pentachloro-	10.07	41000	J N
68194-11-6	1,1'-Biphenyl, 2,3,4',5,6-Pentachloro-	10.28	29000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91020.D		
Lims ID:	460-62968-E-27-B	Client ID:	PMP-24SE-VS
Inject. Date:	19-Sep-2013 17:57:30	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004816-009		
Misc. Info.:	460-62968-E-27-B		
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	182194	Lims Sample ID:	9
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\8270_4.m		
Last Update:	20-Sep-2013 11:45:14	Calib Date:	18-Sep-2013 15:35:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90967.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 06:37:59

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.728	2.734	-0.006	74	58954	6.93	
$ 6 Phenol-d5	99	3.667	3.686	-0.019	46	70080	6.92	
* 13 1,4-Dichlorobenzene-d4	152	4.010	4.004	0.006	93	303248	40.0	
$ 25 Nitrobenzene-d5	82	4.572	4.585	-0.013	92	49391	3.47	
* 35 Naphthalene-d8	136	5.292	5.291	0.001	97	978723	40.0	
37 4-Chloroaniline	127	5.381	5.391	-0.010	75	8255	0.8340	
41 2-Methylnaphthalene	142	6.006	6.018	-0.012	66	10788	0.7210	
44 1,2,4,5-Tetrachlorobenzene	216	6.185	6.187	-0.002	38	2174	0.1881	
$ 48 2-Fluorobiphenyl	172	6.379	6.386	-0.007	92	61348	4.00	
49 1,1'-Biphenyl	154	6.475	6.481	-0.006	95	21070	1.39	
* 61 Acenaphthene-d10	164	7.037	7.040	-0.003	93	434208	40.0	
62 Acenaphthene	154	7.106	7.077	0.029	55	11173	3.30	
$ 76 2,4,6-Tribromophenol	330	7.819	7.820	-0.001	79	26357	6.53	
* 83 Phenanthrene-d10	188	8.519	8.493	0.026	36	864477	40.0	
$ 91 Terphenyl-d14	244	10.056	10.051	0.005	94	68212	3.90	
* 96 Chrysene-d12	240	11.166	11.160	0.006	96	674145	40.0	
98 Bis(2-ethylhexyl) phthalate	149	11.204	11.205	-0.001	19	9838	0.8273	
* 103 Perylene-d12	264	12.987	12.977	0.010	96	767106	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91020.D		
Lims ID:	460-62968-E-27-B	Client ID:	PMP-24SE-VS
Inject. Date:	19-Sep-2013 17:57:30	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004816-009		
Misc. Info.:	460-62968-E-27-B		
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	182194	Lims Sample ID:	9
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\8270_4.m		
Last Update:	20-Sep-2013 11:45:14	Calib Date:	18-Sep-2013 15:35:30
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: asfawa		Date:	20-Sep-2013 06:37:59

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
	629-62-9 Pentadecane					
7.022	2512787	41.3	61	93	64574	
	544-76-3 Hexadecane					
7.515	3698377	60.8	61	97	73964	
	16605-91-7 1,1'-Biphenyl, 2,3-dichloro-					
7.704	11322873	186.1	61	93	70595	
	2050-68-2 1,1'-Biphenyl, 4,4'-dichloro-					
8.107	26725971	110.4	83	97	70600	
	38444-86-9 1,1'-Biphenyl, 2',3,4-trichloro-					
8.465	43253171	178.7	83	98	91793	
	2050-67-1 1,1'-Biphenyl, 3,3'-dichloro-					
8.519	9681256	159.1	61	93	70602	
	38444-86-9 1,1'-Biphenyl, 2',3,4-trichloro-					
8.618	18398382	76.0	83	98	91793	
	16606-02-3 1,1'-Biphenyl, 2,4',5-trichloro-					
8.877	51222000	211.6	83	99	91788	
	16606-02-3 1,1'-Biphenyl, 2,4',5-trichloro-					
8.945	21693828	89.6	83	97	91788	
	38444-86-9 1,1'-Biphenyl, 2',3,4-trichloro-					
9.007	10118059	41.8	83	97	91793	
	41464-41-9 1,1'-Biphenyl, 2,2',5,6-Tetrachloro-					
9.129	12401765	51.2	83	98	111711	
	35693-99-3 1,1'-Biphenyl, 2,2',5,5'-tetrachloro-					
9.290	12360289	51.1	83	99	111725	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
	2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-				
9.620	18085370	74.7	83	99	111724	
	31508-00-6	1,1'-Biphenyl, 2,3',4,4',5-pentachloro-				
10.072	2371470	58.1	96	96	129500	
	68194-11-6	1,1'-Biphenyl, 2,3,4',5,6-Pentachloro-				
10.279	1684037	41.2	96	96	129482	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.037	2434356	40.0
* 83 Phenanthrene-d10	8.519	9681256	40.0
* 96 Chrysene-d12	11.166	1633115	40.0

QC Flag Legend

Processing Flags

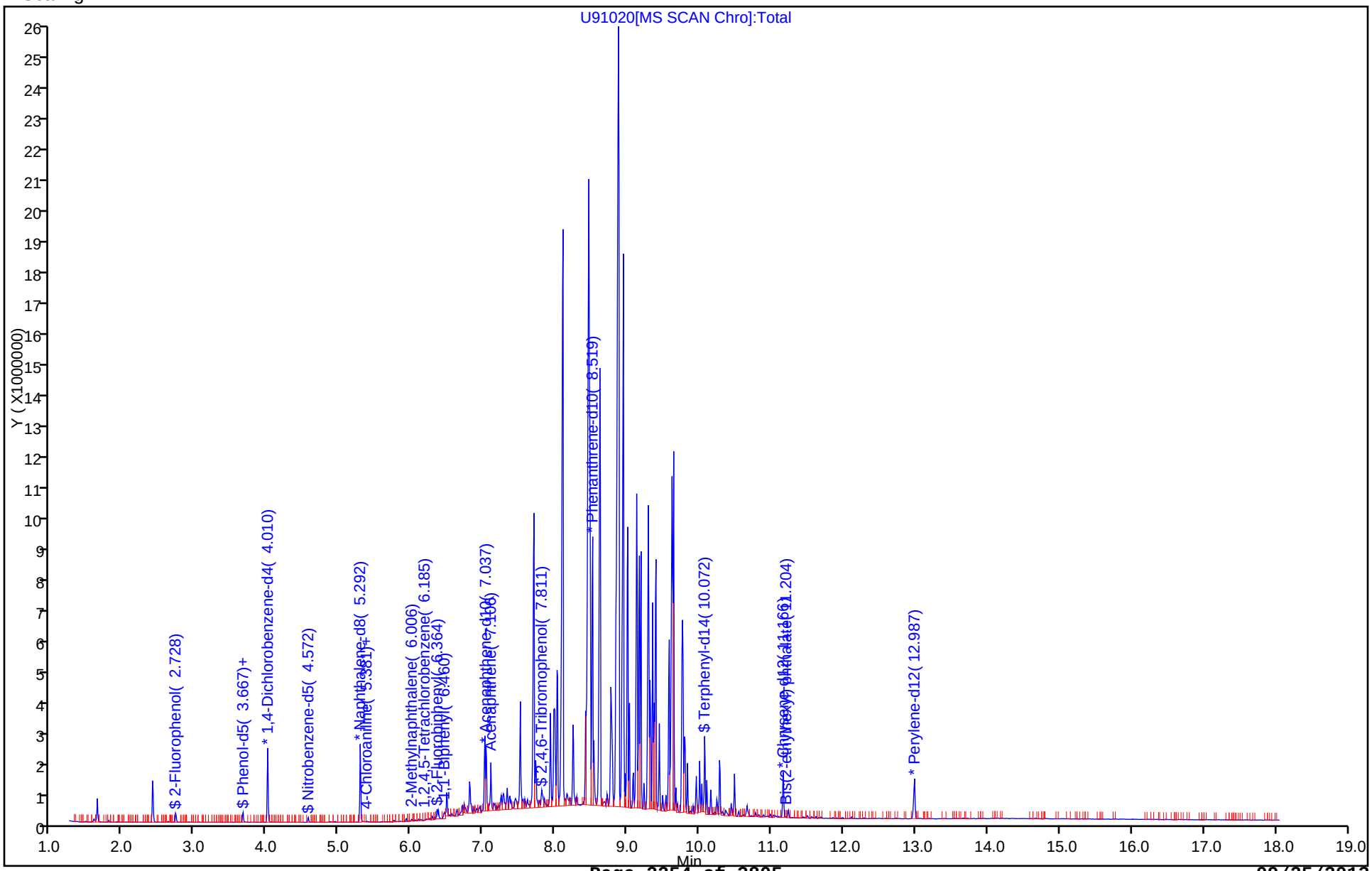
Report Date: 20-Sep-2013 11:50:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91020.D

Injection Date:	19-Sep-2013 17:57:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-VS	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Y Scaling:

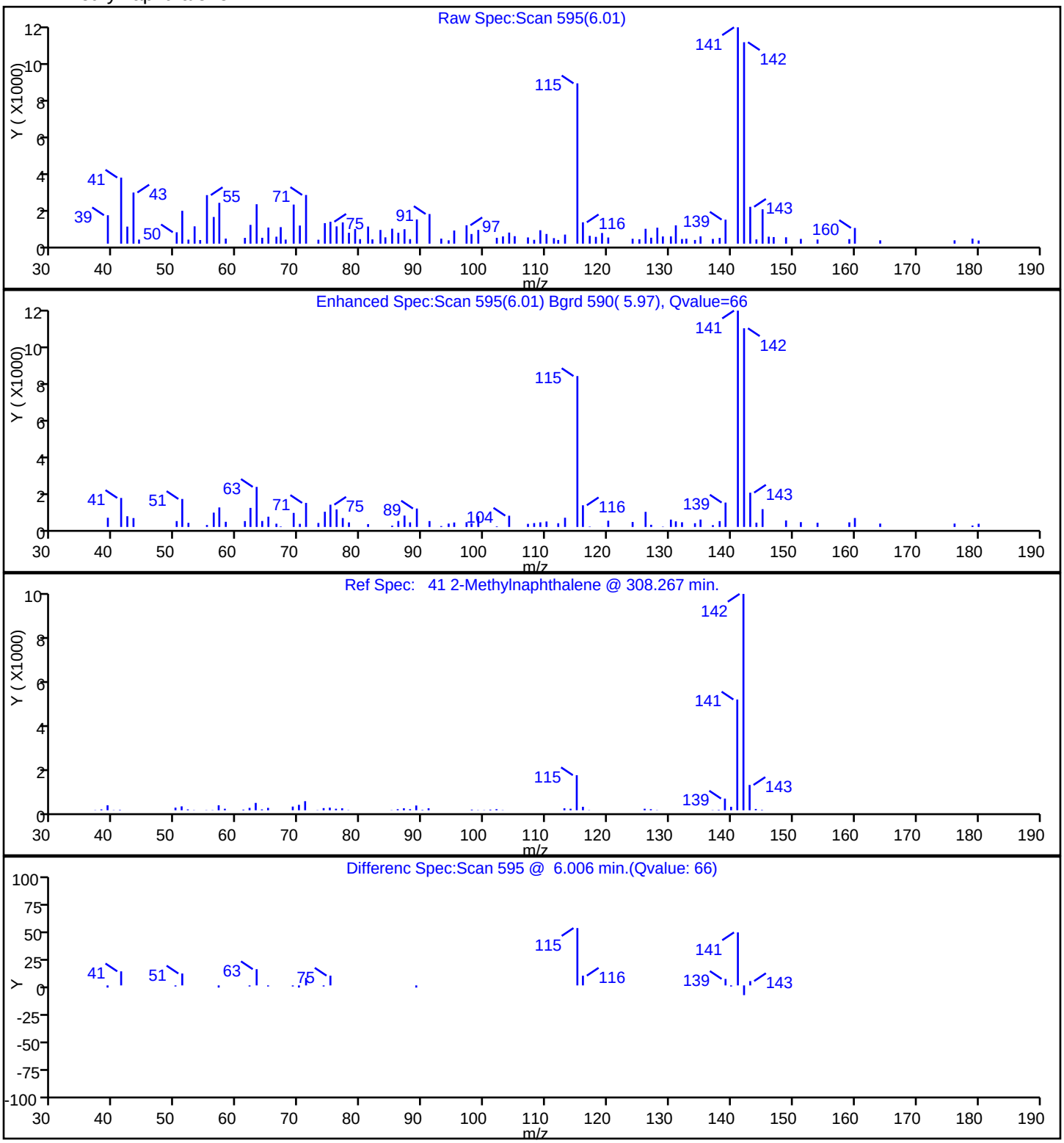


Report Date: 20-Sep-2013 11:50:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91020.D		
Injection Date:	19-Sep-2013 17:57:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-VS	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

41 2-Methylnaphthalene



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TestAmerica Edison

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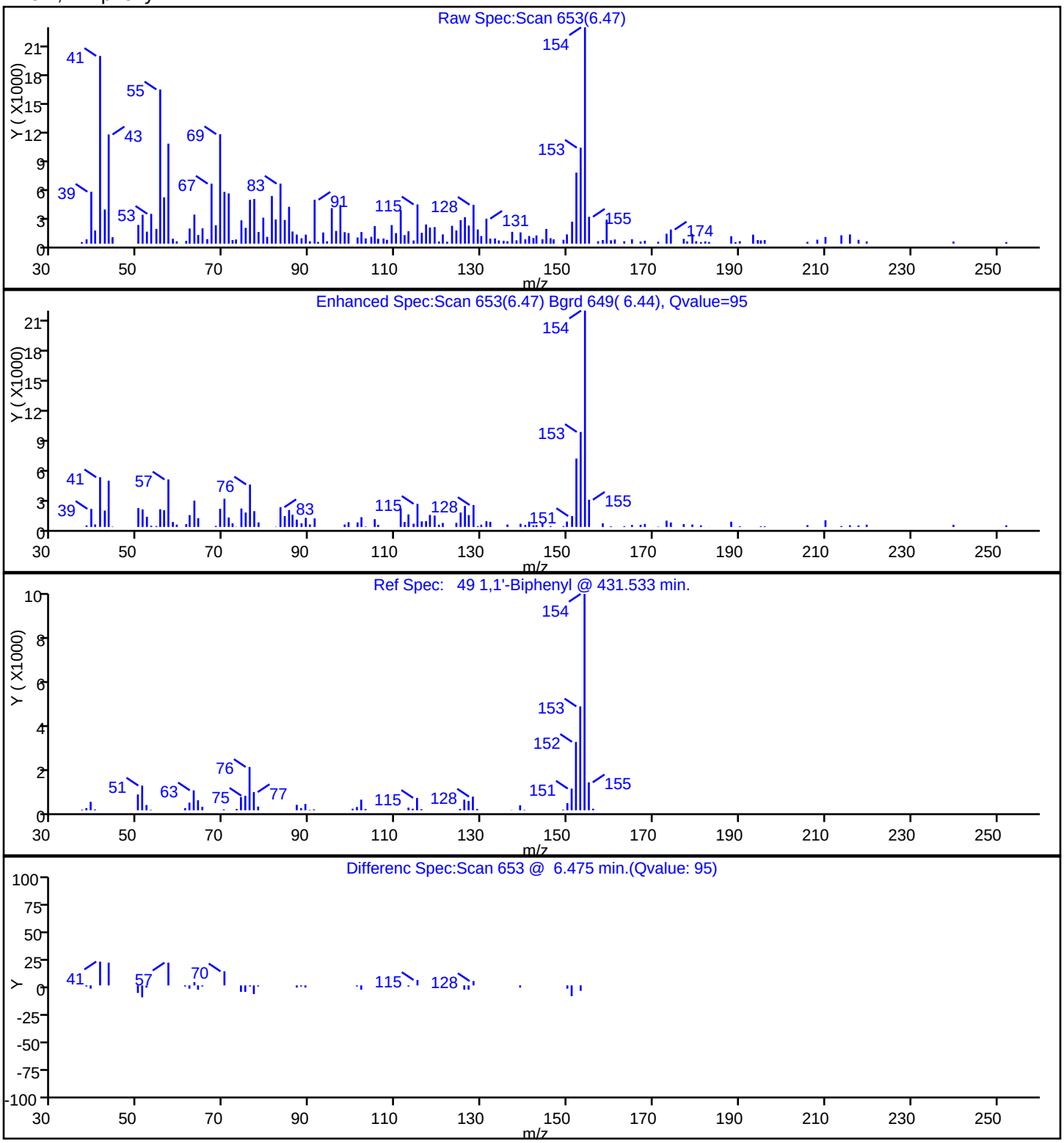
Injection Date:	19-Sep-2013 17:57:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-VS	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

49 1,1'-Biphenyl



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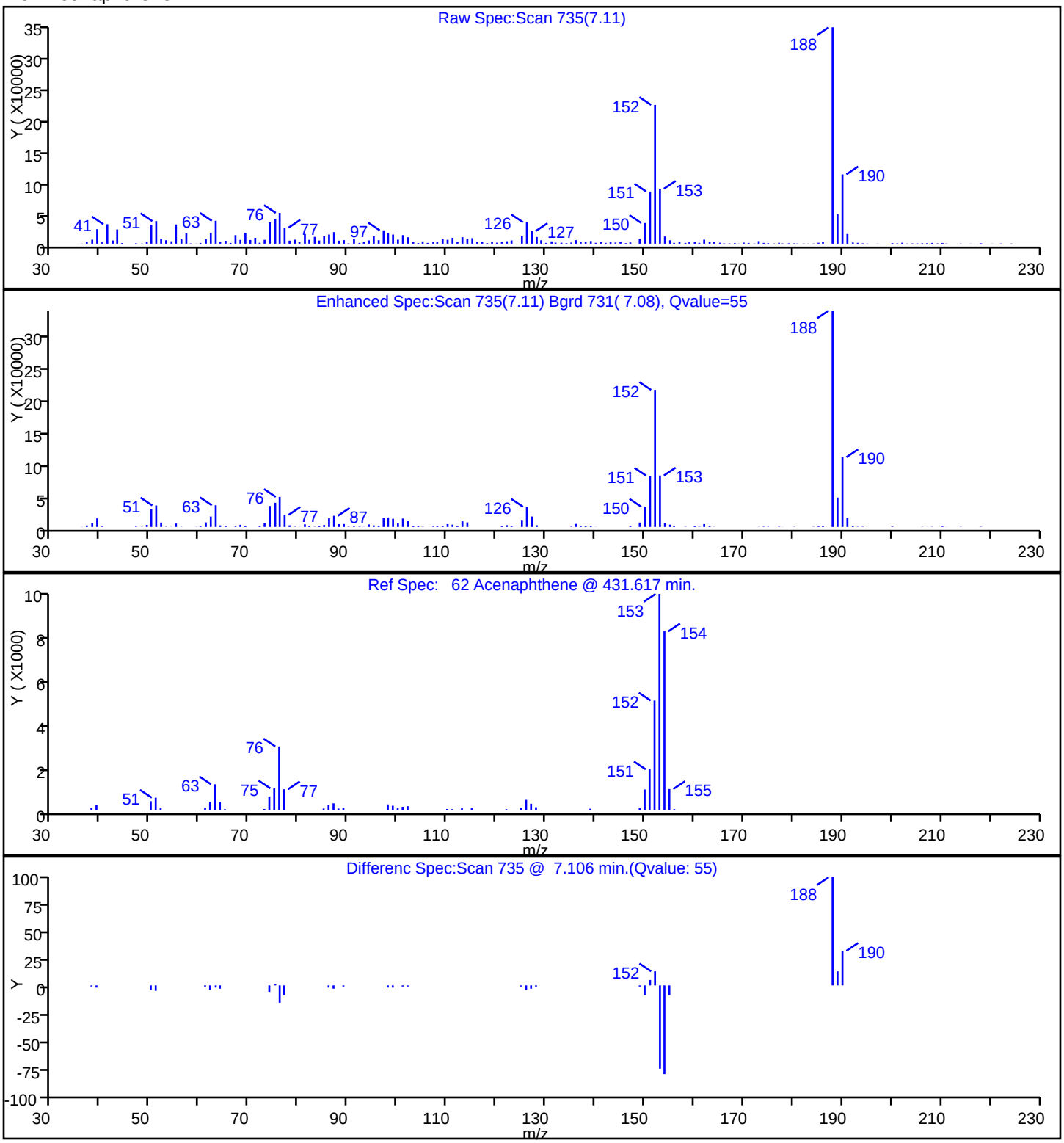
Injection Date:	19-Sep-2013 17:57:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-VS	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

62 Acenaphthene



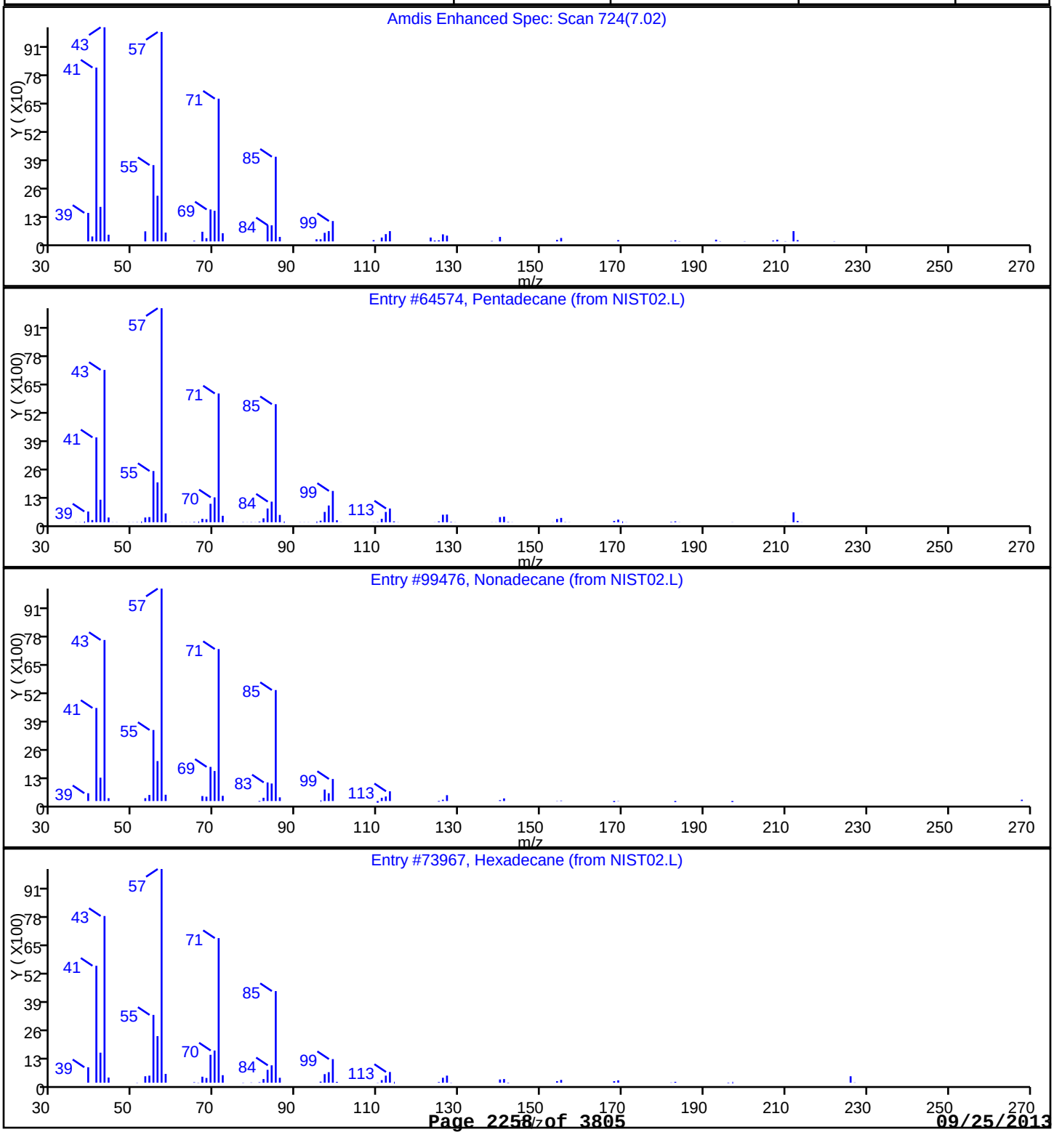
Report Date: 20-Sep-2013 11:50:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91020.D

Injection Date:	19-Sep-2013 17:57:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-VS	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane	629-62-9	NIST02.L	64574	93
Nonadecane	629-92-5	NIST02.L	99476	90
Hexadecane	544-76-3	NIST02.L	73967	90



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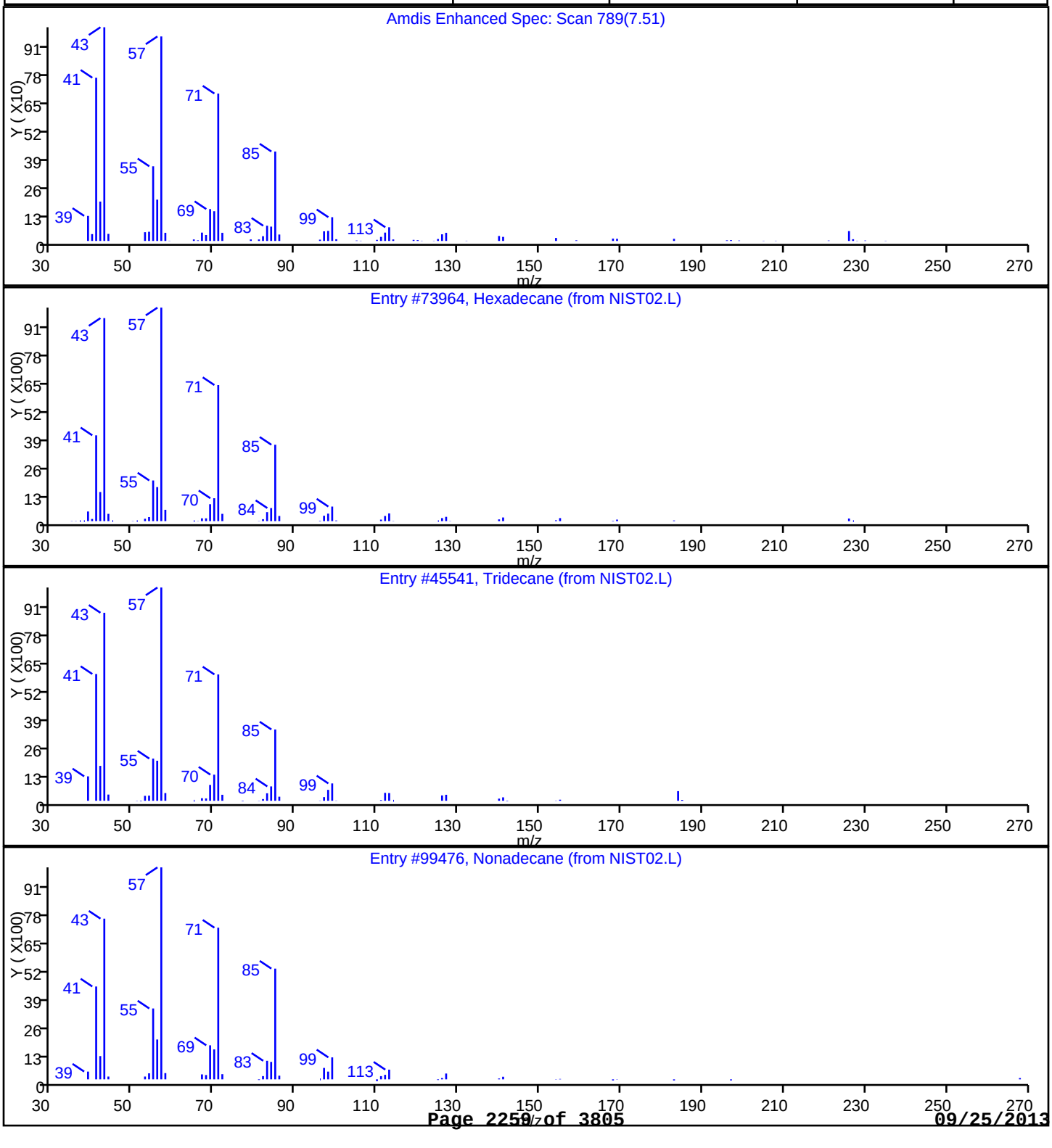
Injection Date:	19-Sep-2013 17:57:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-VS	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane	544-76-3	NIST02.L	73964	97
Tridecane	629-50-5	NIST02.L	45541	91
Nonadecane	629-92-5	NIST02.L	99476	91



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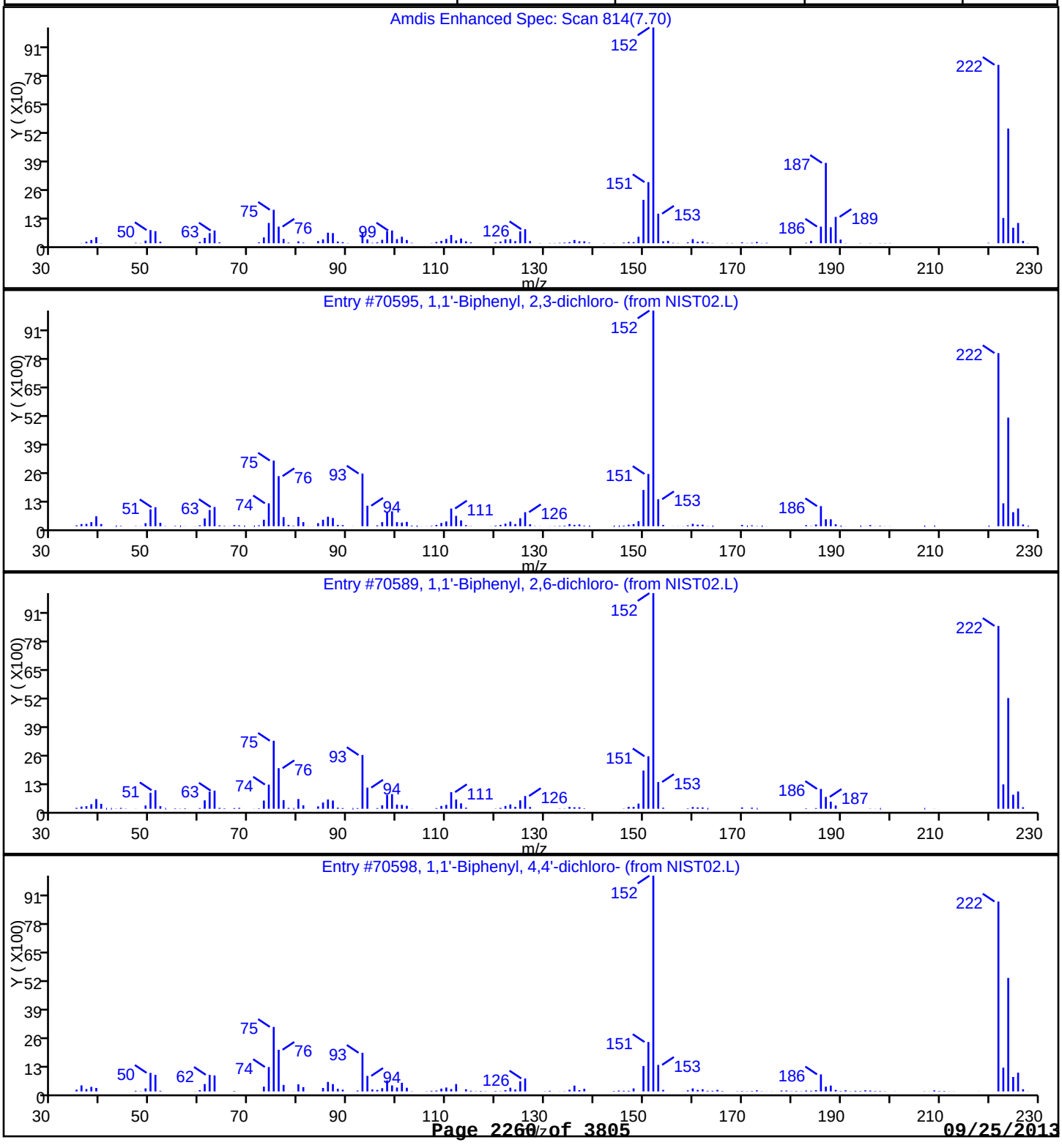
Injection Date:	19-Sep-2013 17:57:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-VS	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.L	70595	93
1,1'-Biphenyl, 2,6-dichloro-	33146-45-1	NIST02.L	70589	93
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.L	70598	93



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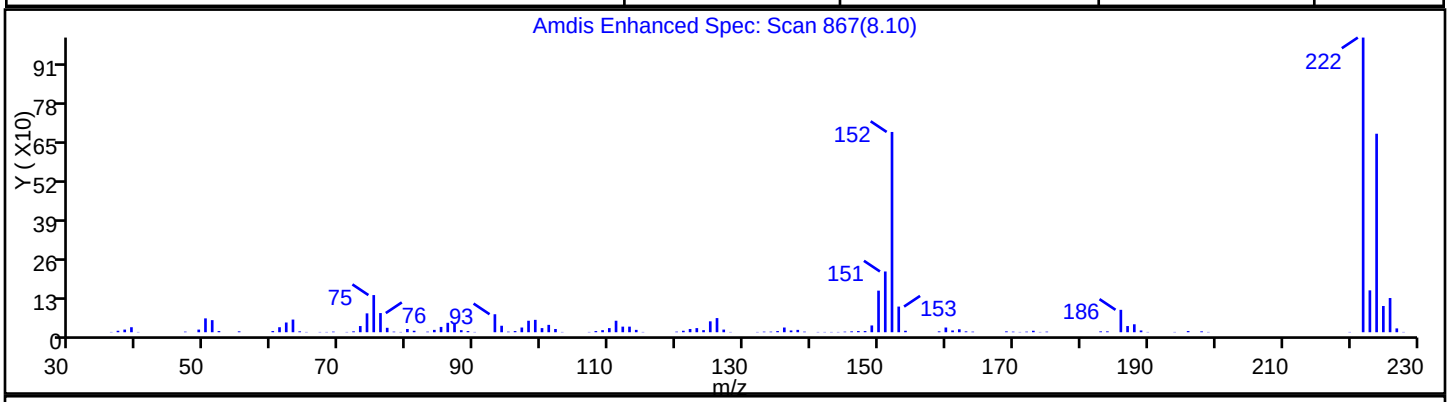
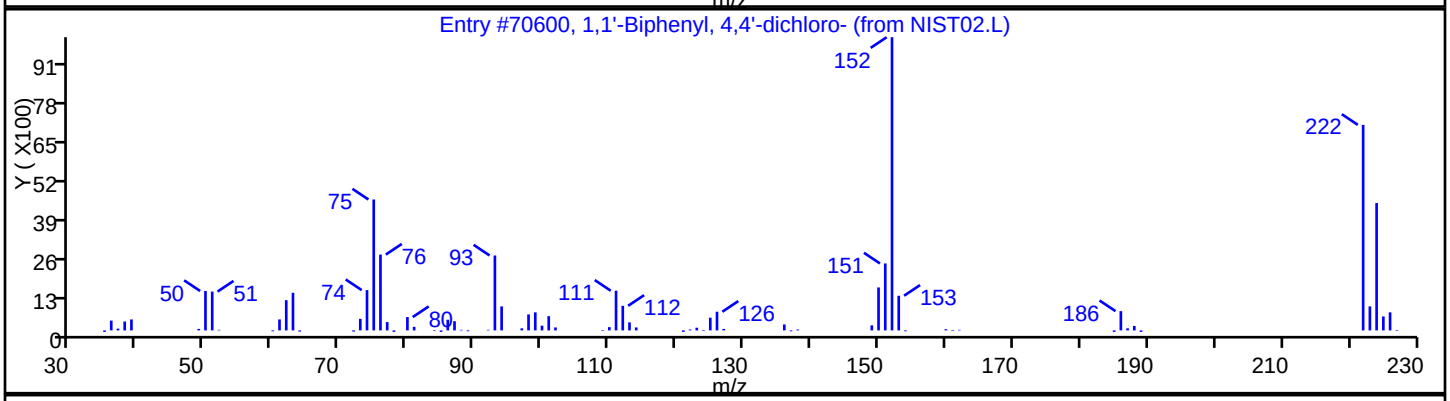
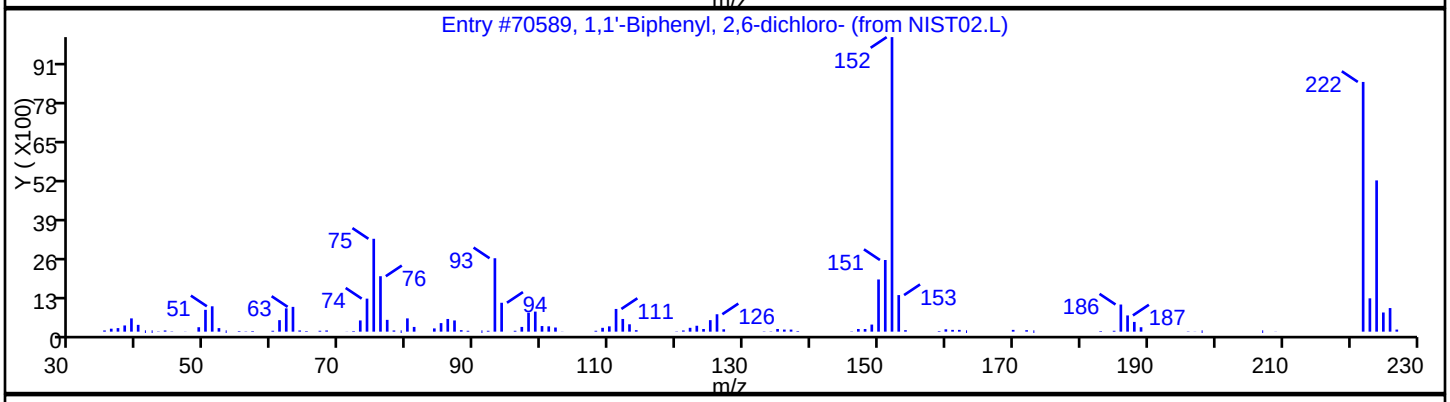
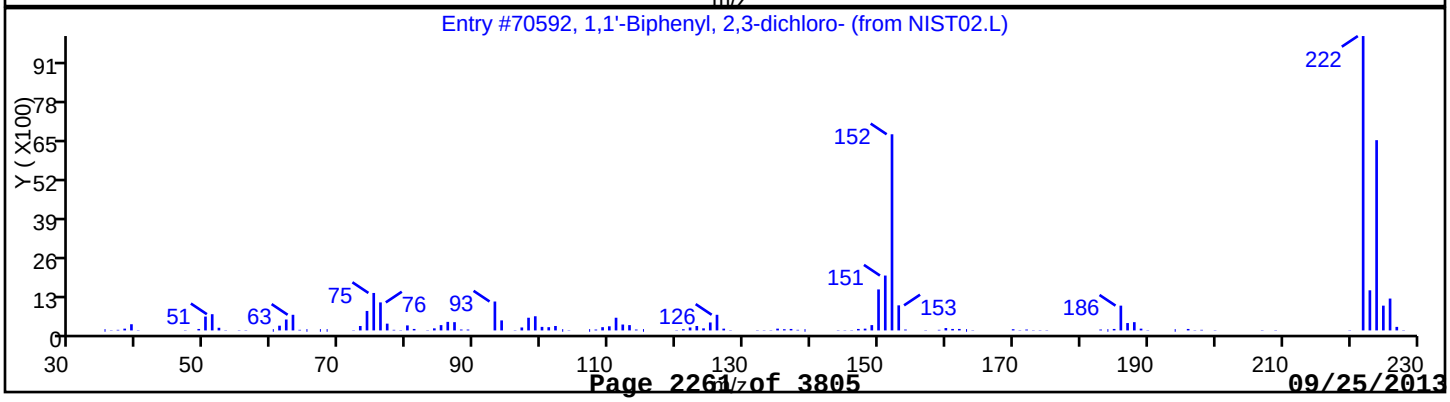
Client ID:	PMP-24SE-VS	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.L	70600	97
1,1'-Biphenyl, 2,6-dichloro-	33146-45-1	NIST02.L	70589	97
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.L	70592	96









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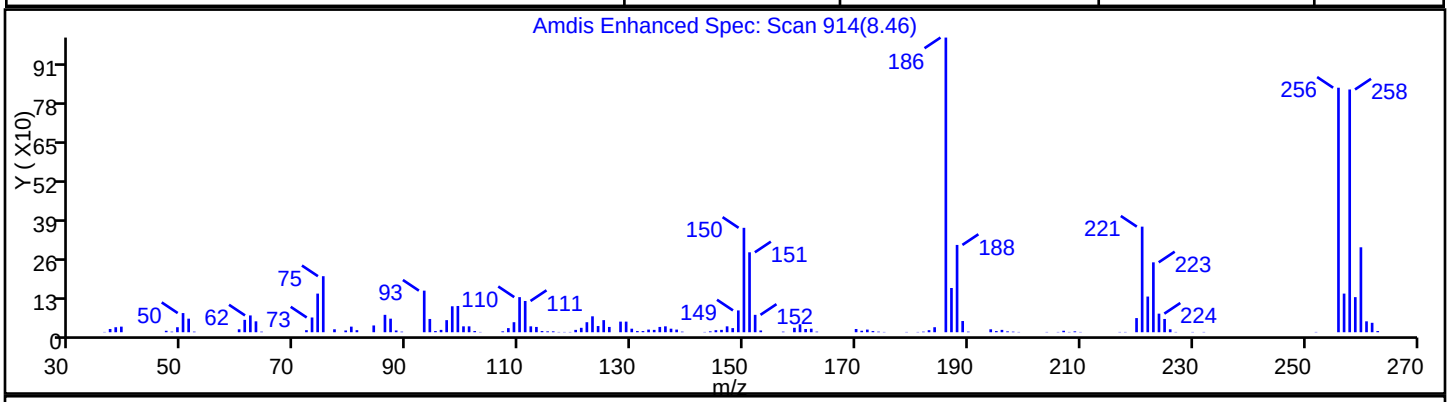
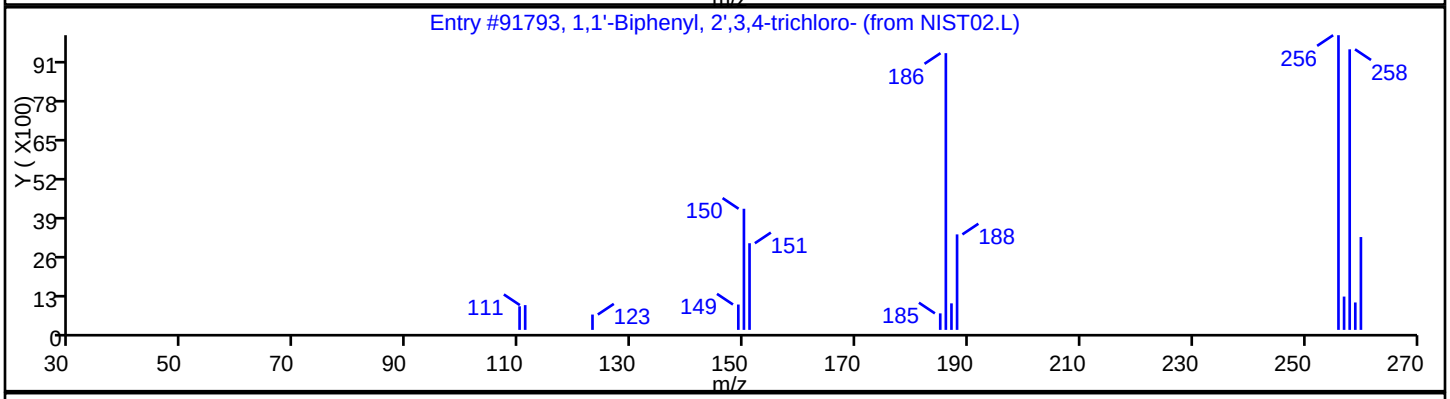
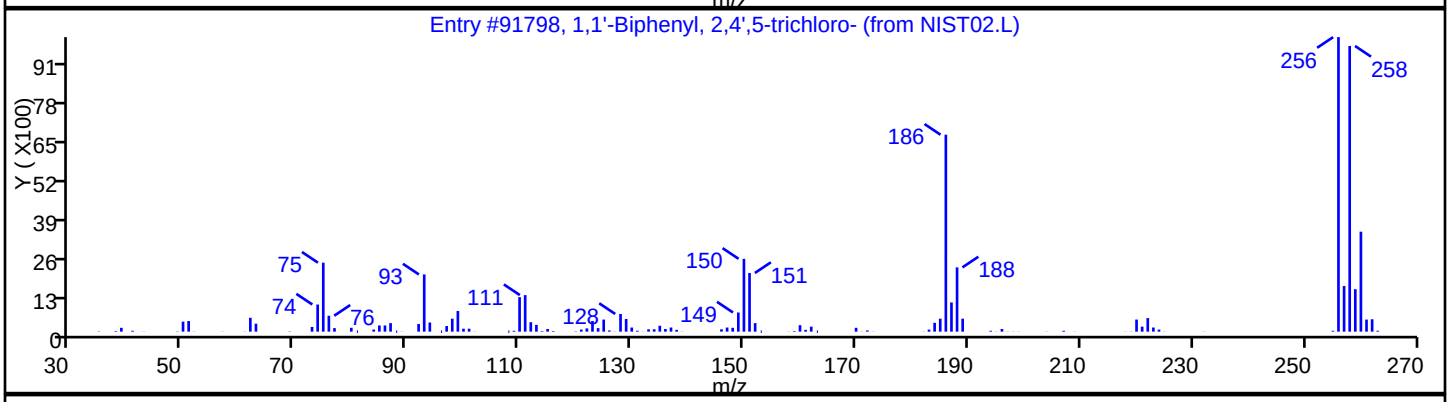
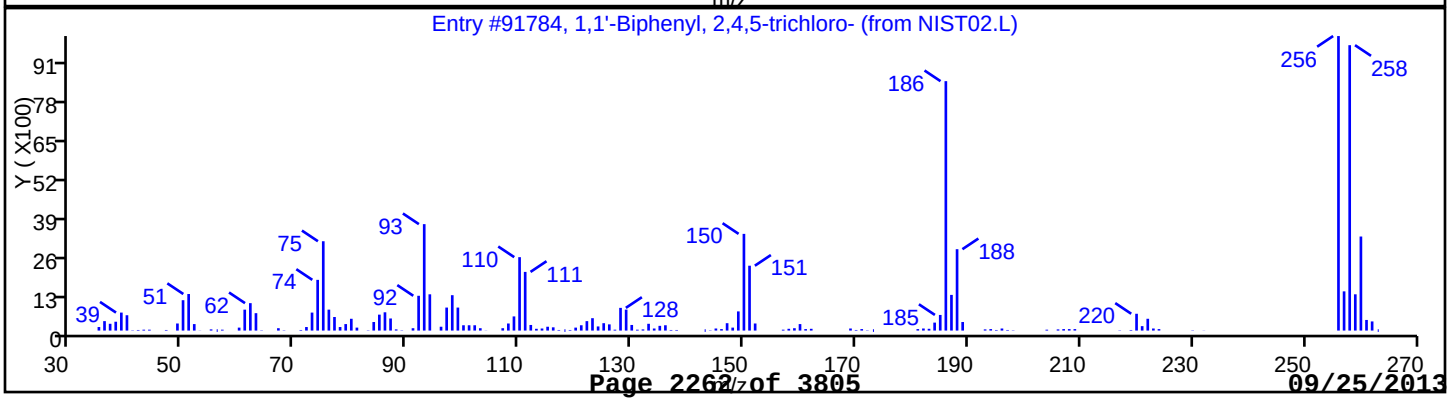
Client ID:	PMP-24SE-VS	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	98
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	98
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	97









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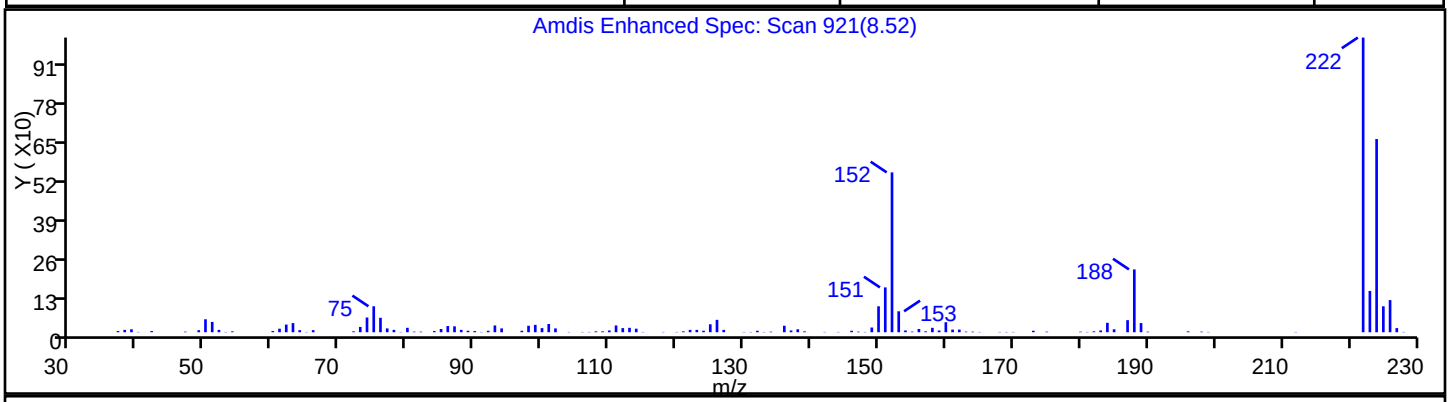
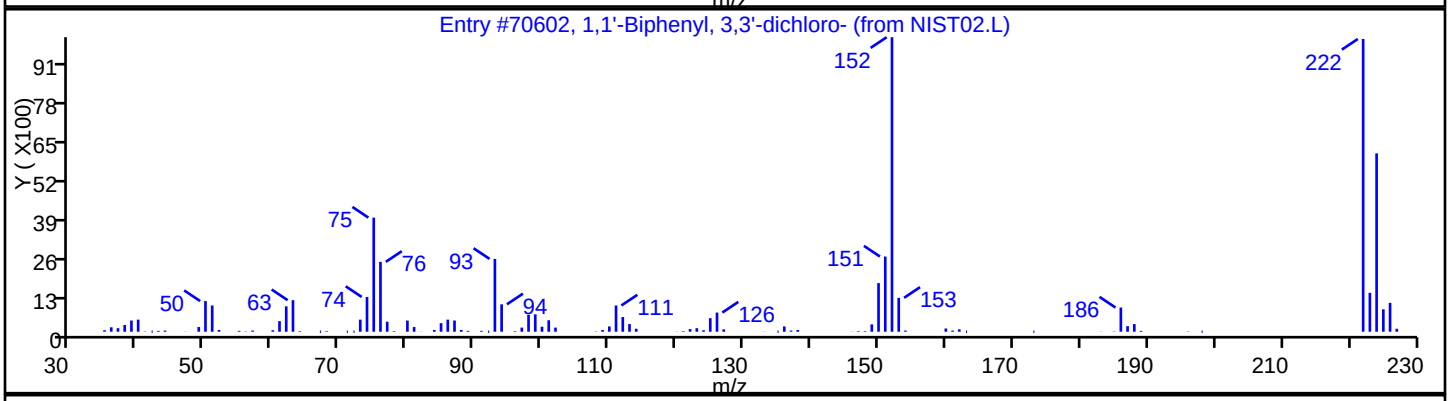
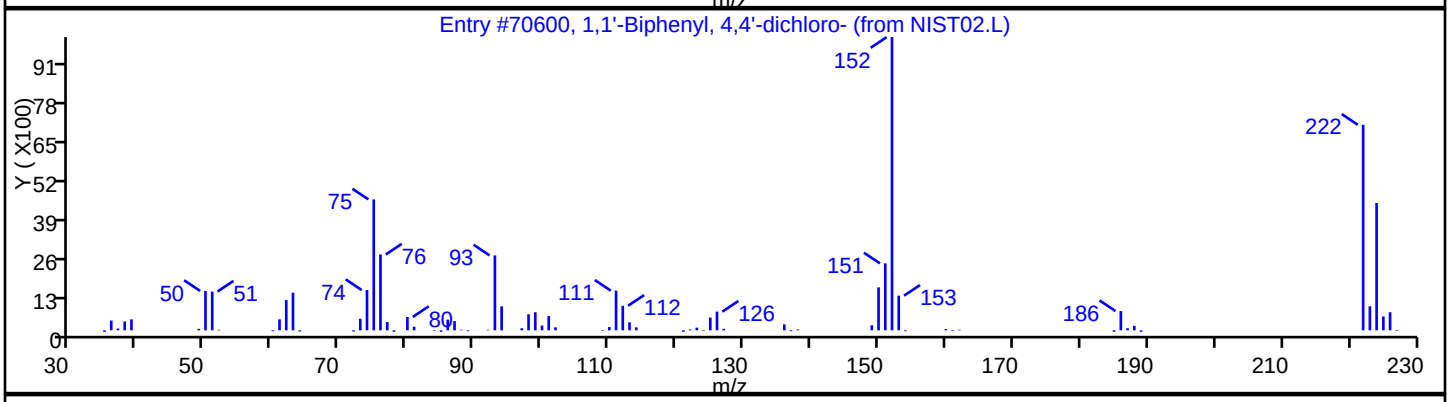
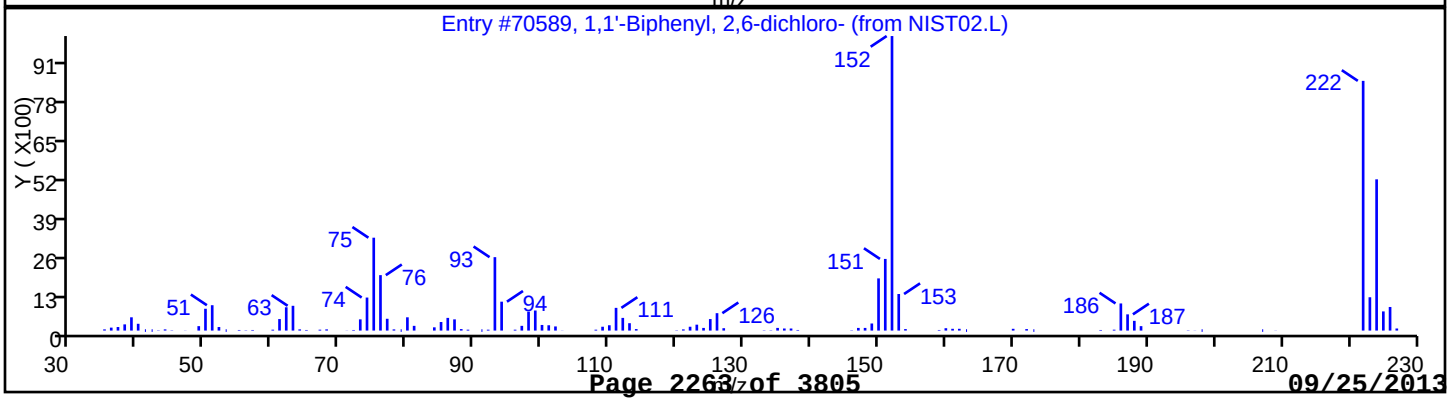
Injection Date:	19-Sep-2013 17:57:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-VS	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.L	70602	93
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.L	70600	93
1,1'-Biphenyl, 2,6-dichloro-	33146-45-1	NIST02.L	70589	93









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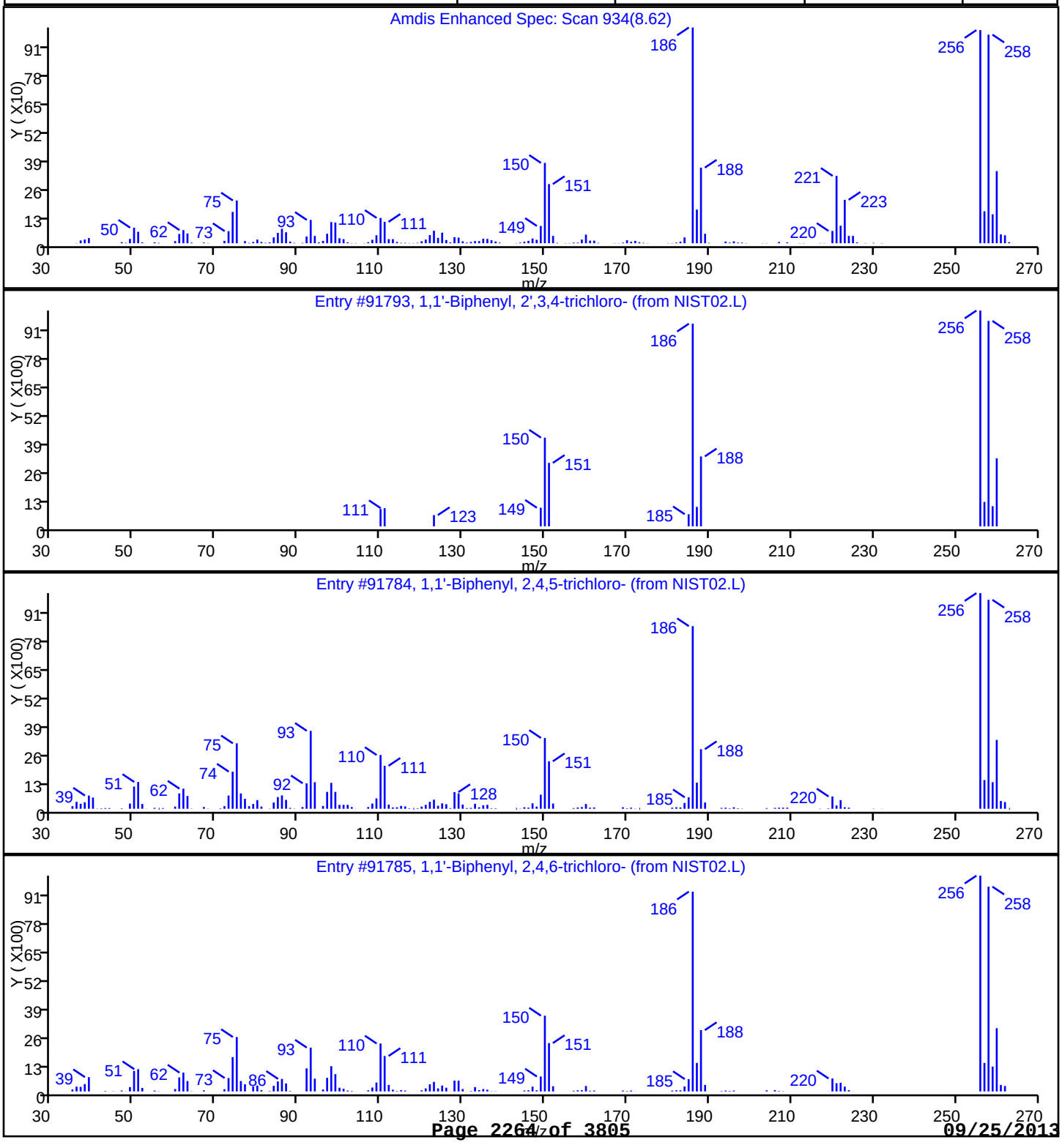
Injection Date:	19-Sep-2013 17:57:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-VS	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	98
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	95
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.L	91785	94



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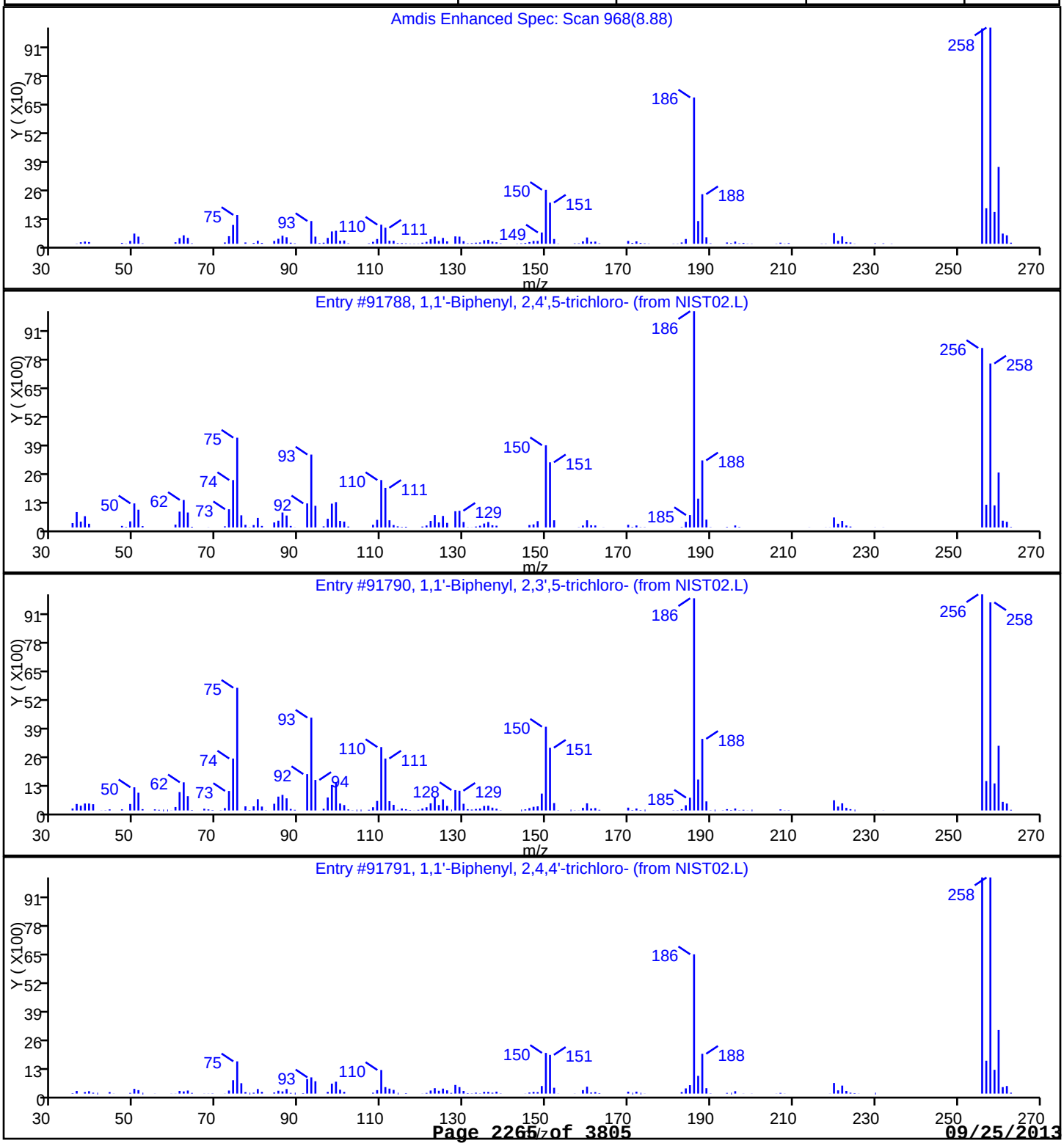
Client ID:	PMP-24SE-VS	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

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, 2,3',5-trichloro-	38444-81-4	NIST02.L	91790	99
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	98



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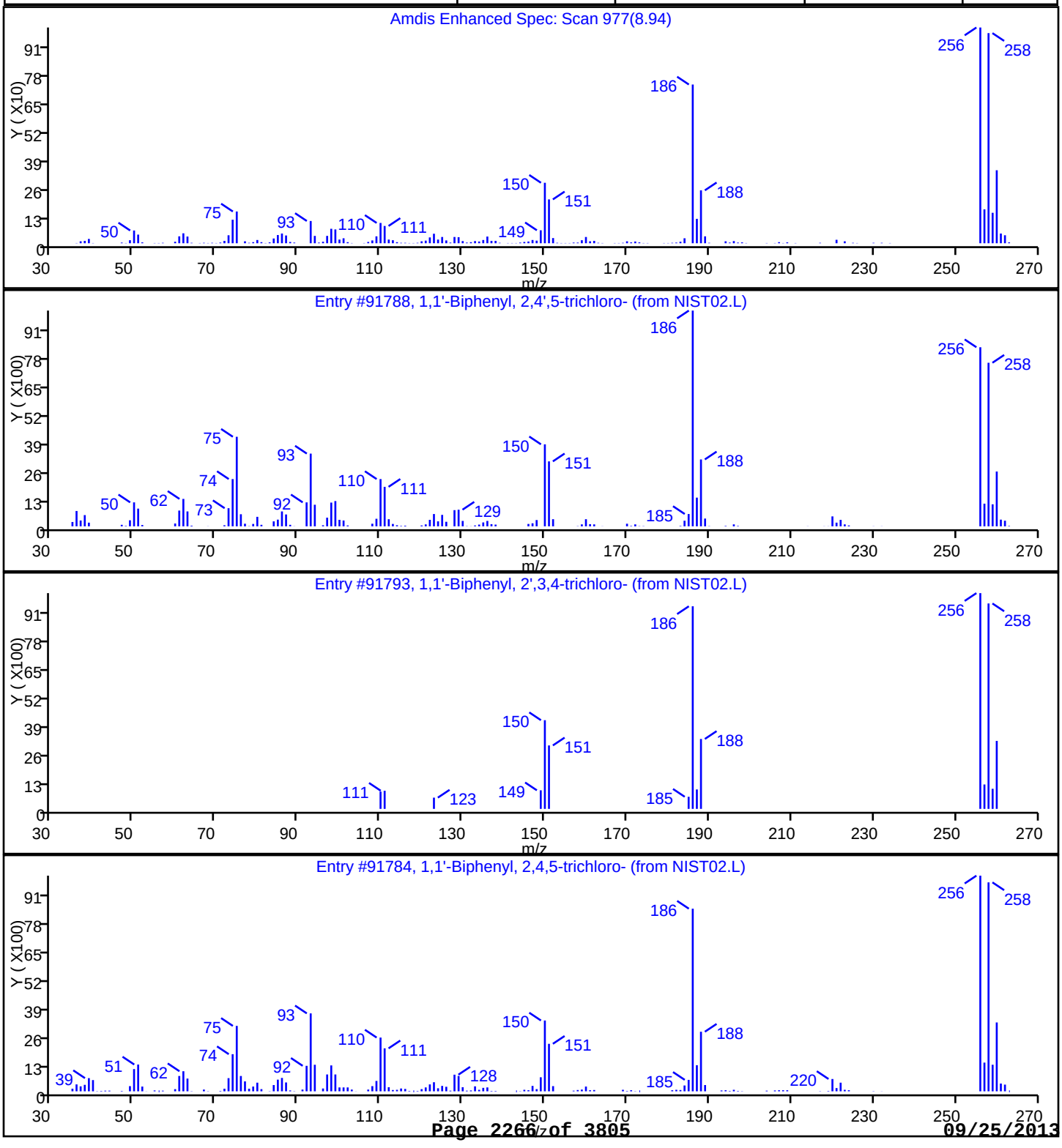
Client ID:	PMP-24SE-VS	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	97
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	96
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	96



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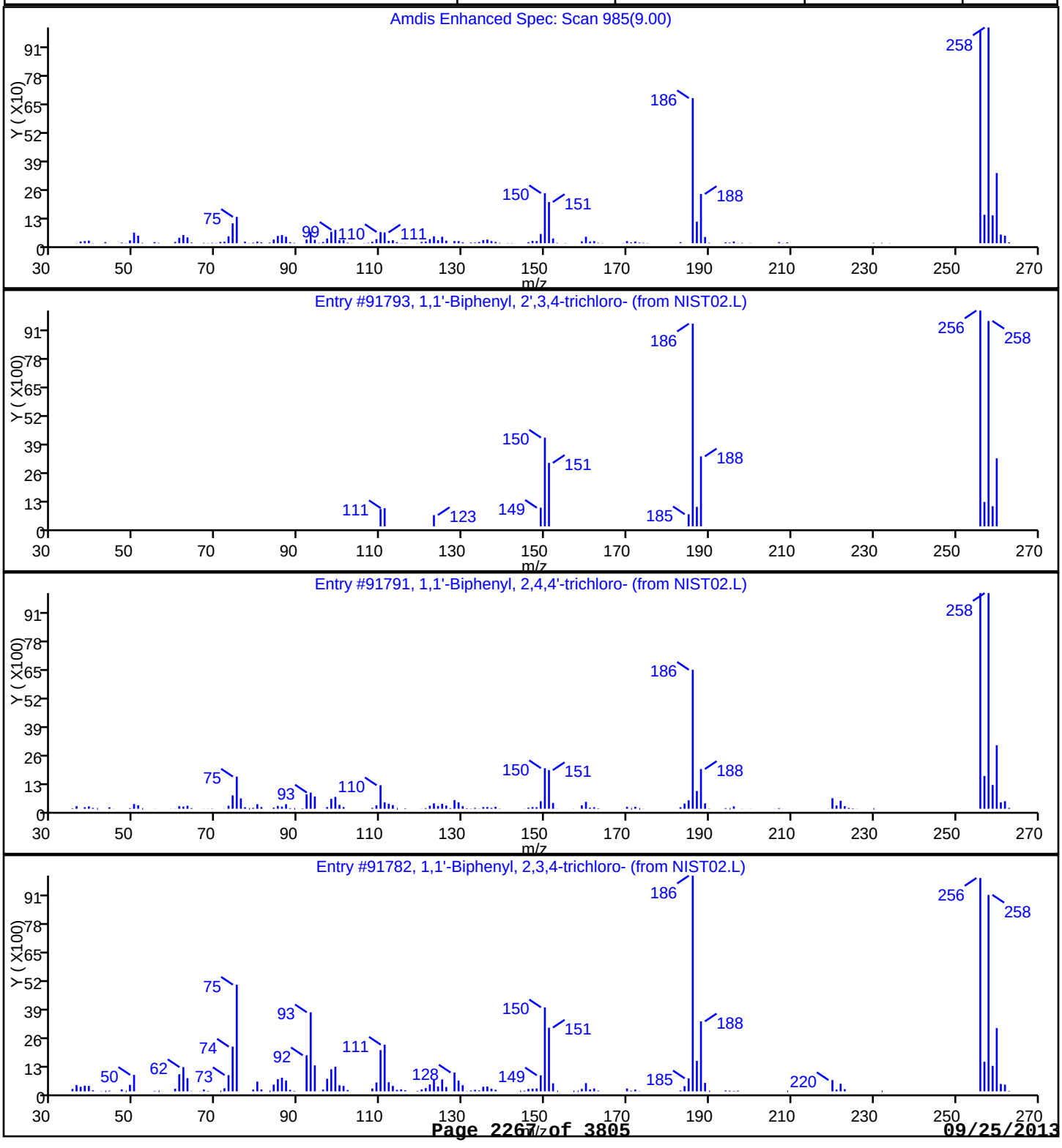
Injection Date:	19-Sep-2013 17:57:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-VS	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

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, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	95
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	95



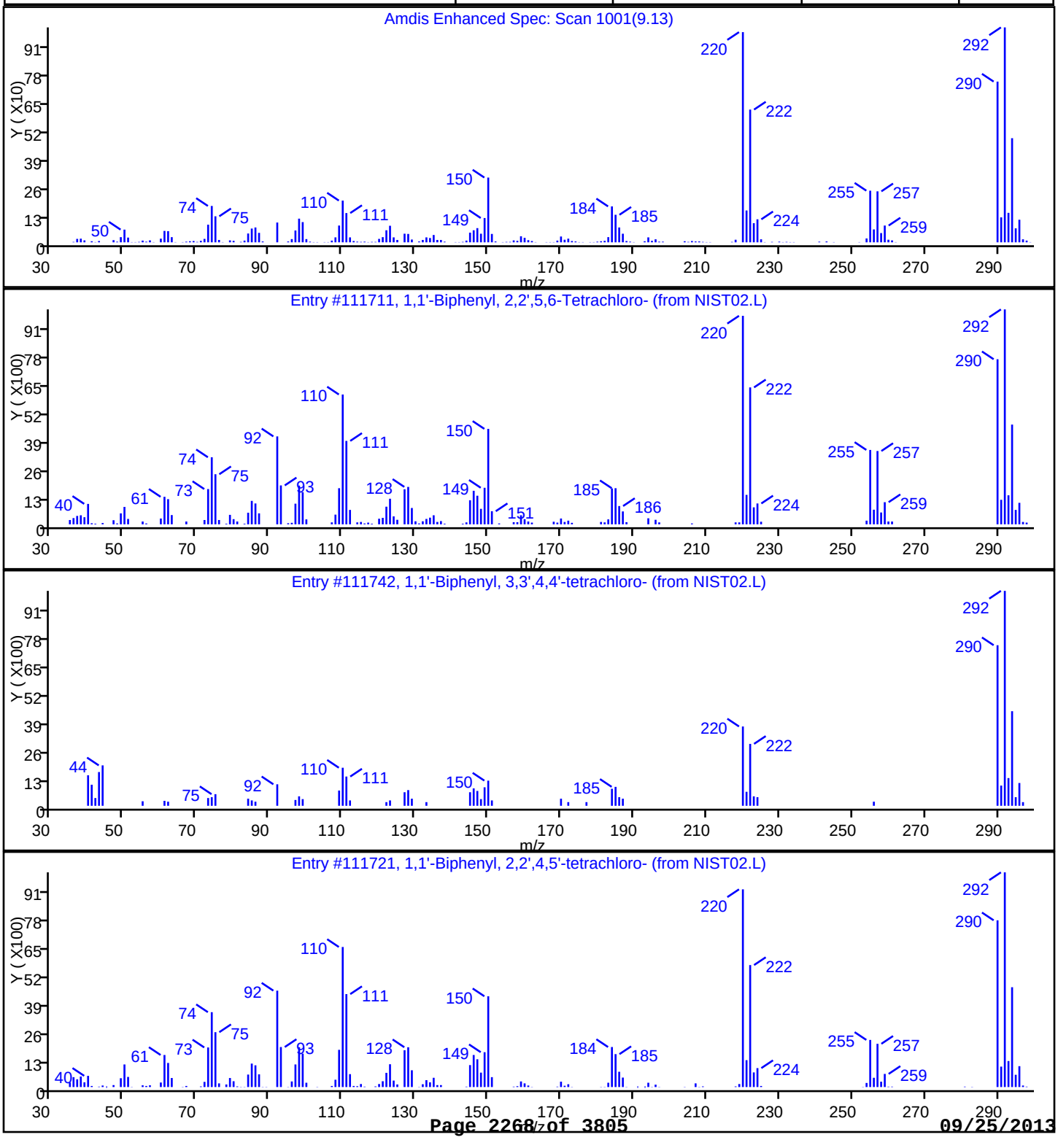
Report Date: 20-Sep-2013 11:50:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91020.D

Injection Date:	19-Sep-2013 17:57:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-VS	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	41464-41-9	NIST02.L	111711	98
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	97
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	97



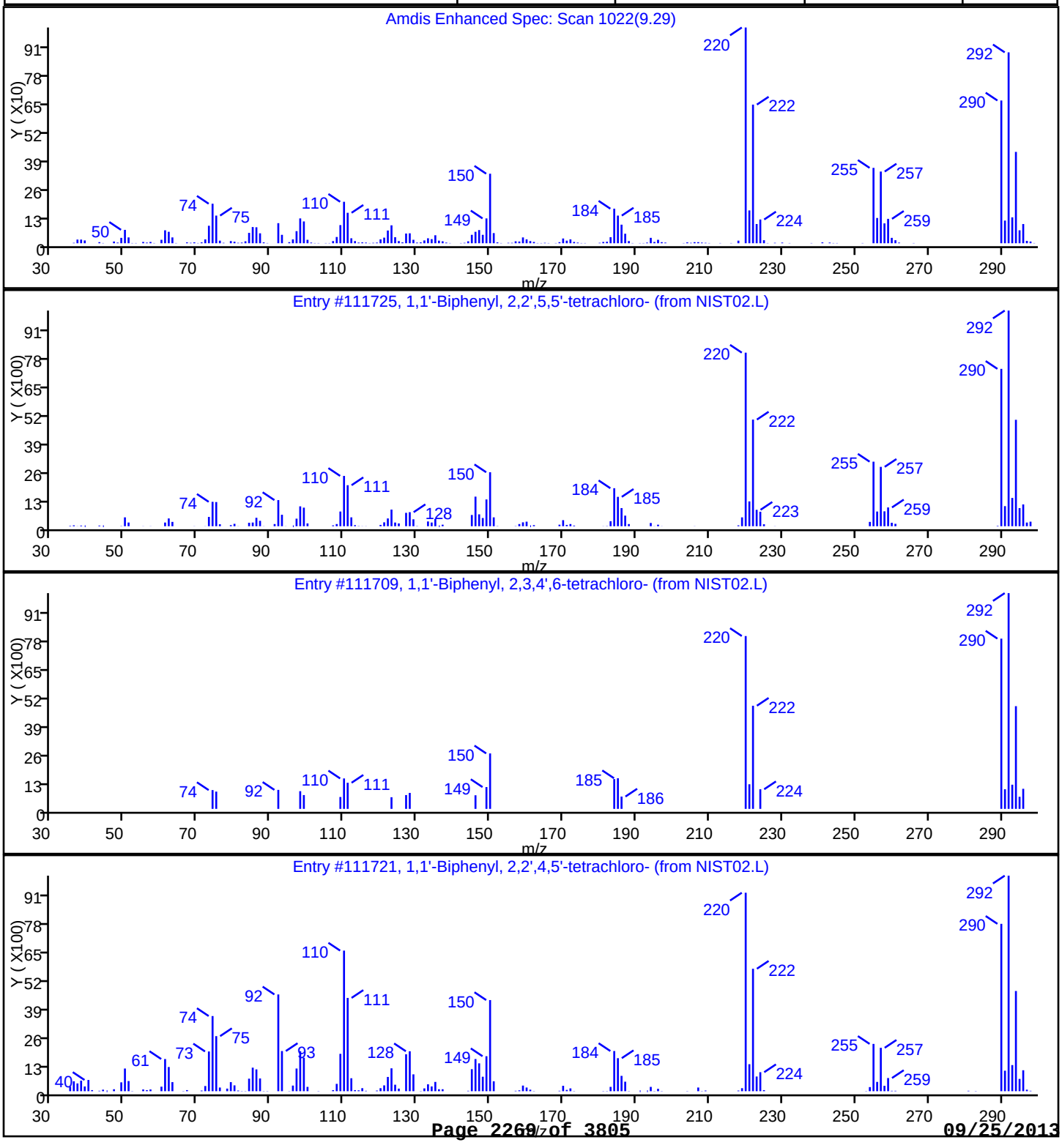
Report Date: 20-Sep-2013 11:50:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91020.D

Injection Date:	19-Sep-2013 17:57:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-VS	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	35693-99-3	NIST02.L	111725	99
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	99
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	99



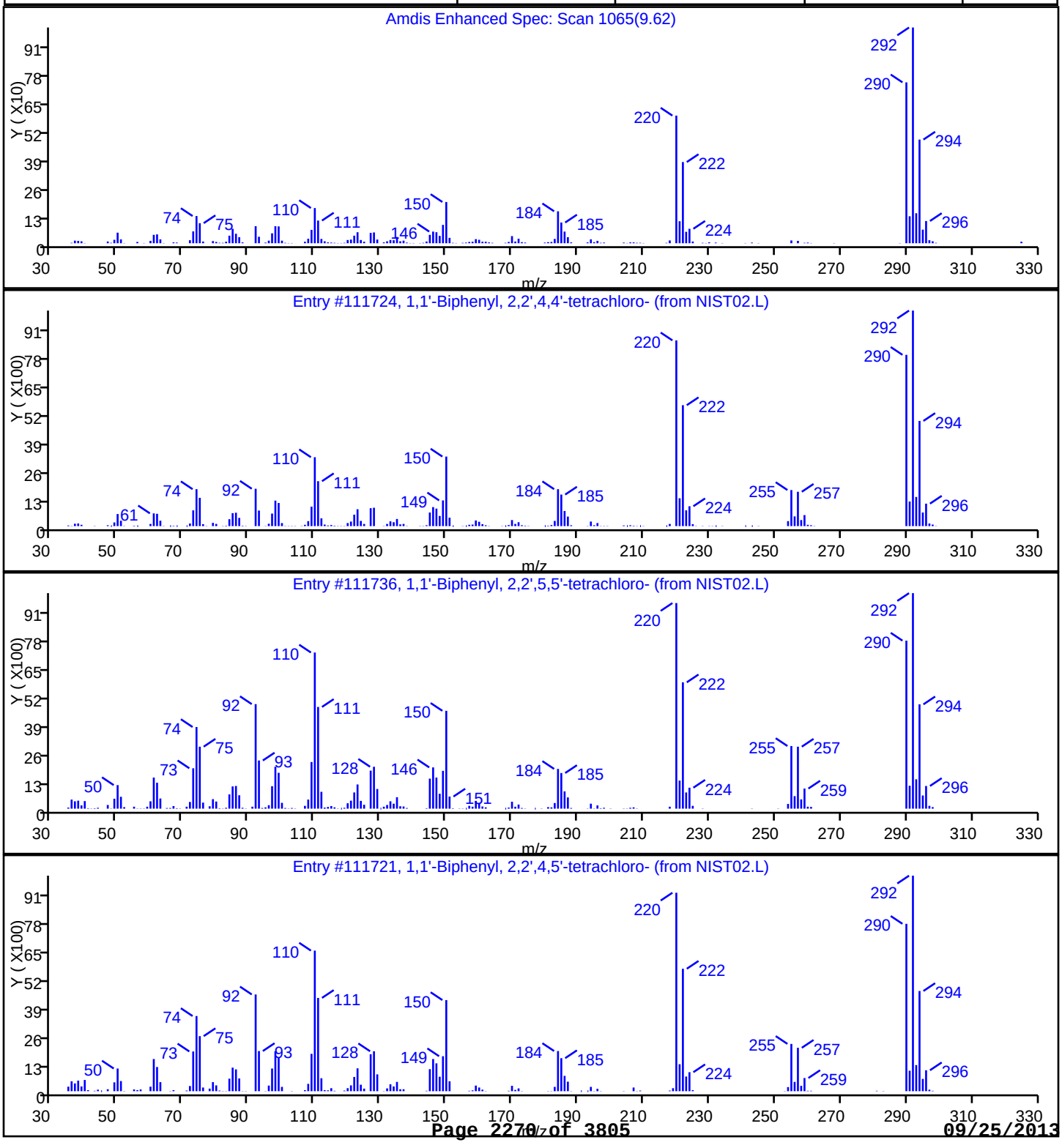
Report Date: 20-Sep-2013 11:50:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91020.D

Injection Date:	19-Sep-2013 17:57:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-VS	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	2437-79-8	NIST02.L	111724	99
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	35693-99-3	NIST02.L	111736	99
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	99



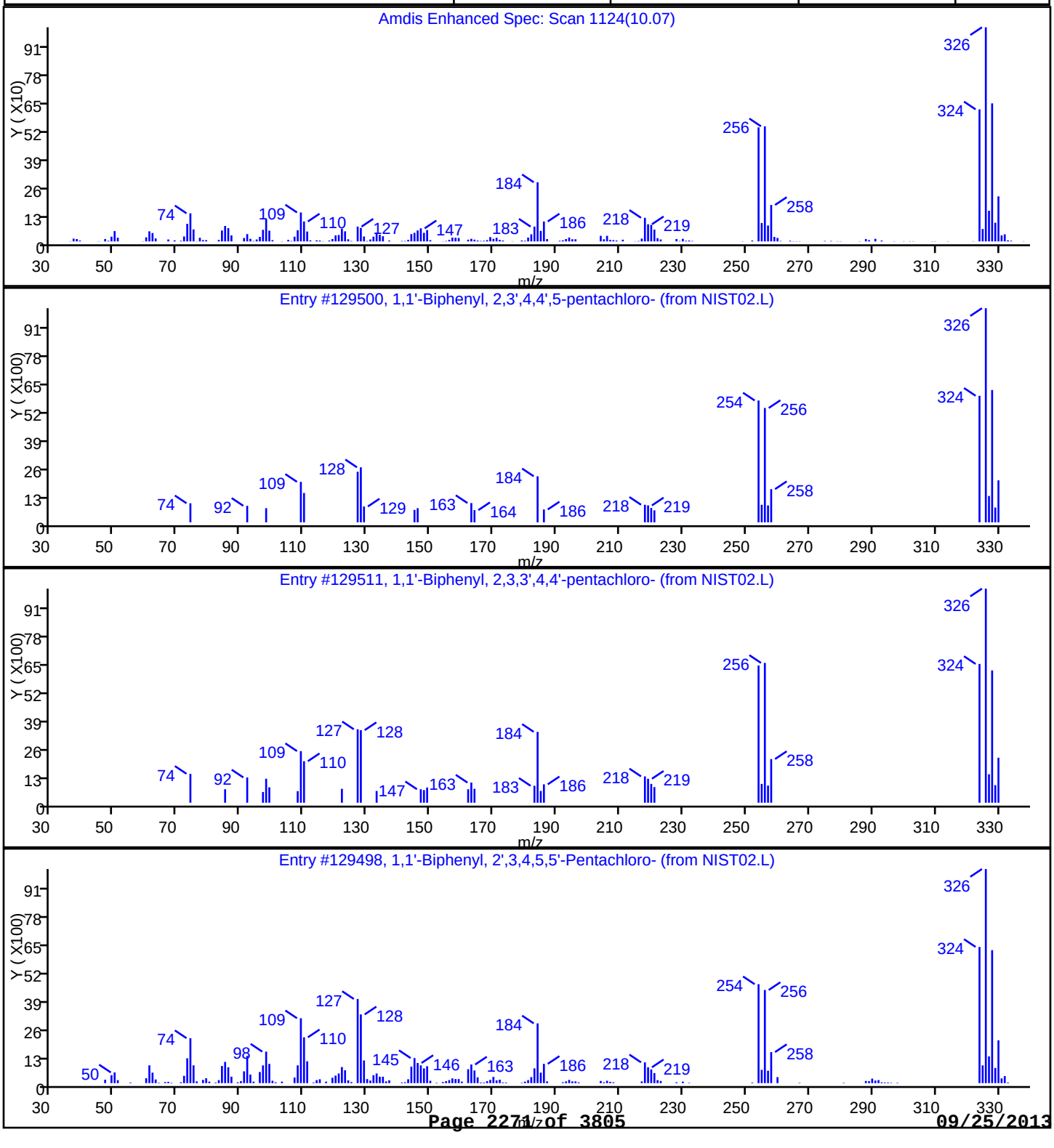
Report Date: 20-Sep-2013 11:50:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91020.D

Injection Date:	19-Sep-2013 17:57:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-VS	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,3',4,4',5-pentachloro-	31508-00-6	NIST02.L	129500	96
1,1'-Biphenyl, 2,3,3',4,4'-pentachloro-	32598-14-4	NIST02.L	129511	95
1,1'-Biphenyl, 2',3,4,5,5'-Pentachloro-	70424-70-3	NIST02.L	129498	95



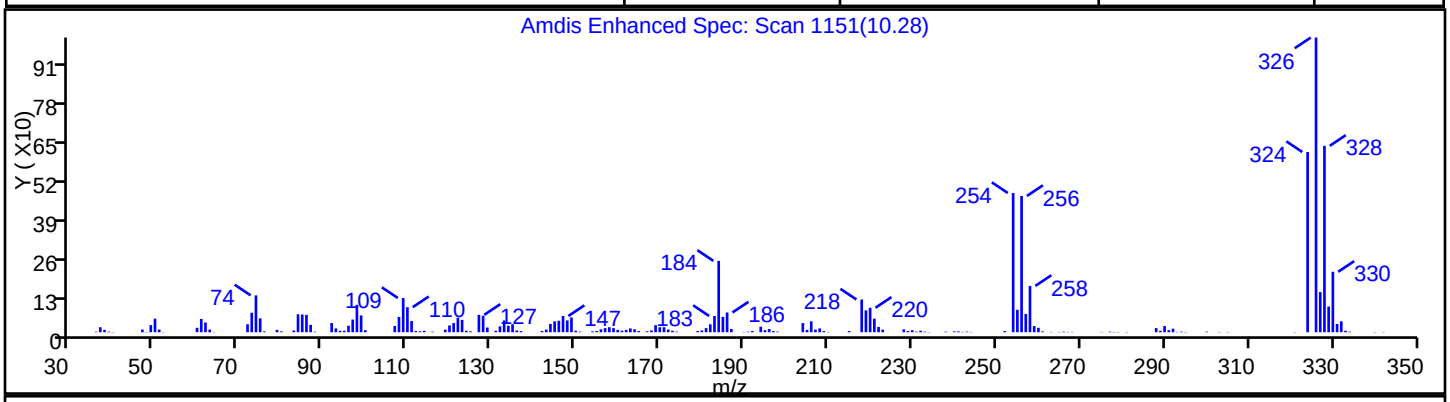
Report Date: 20-Sep-2013 11:50:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

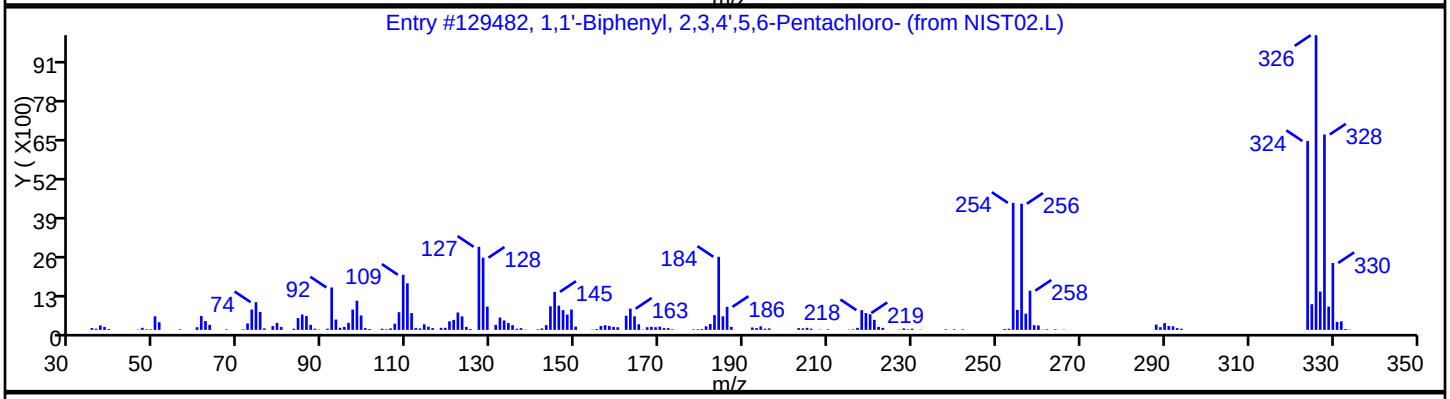
TestAmerica Edison

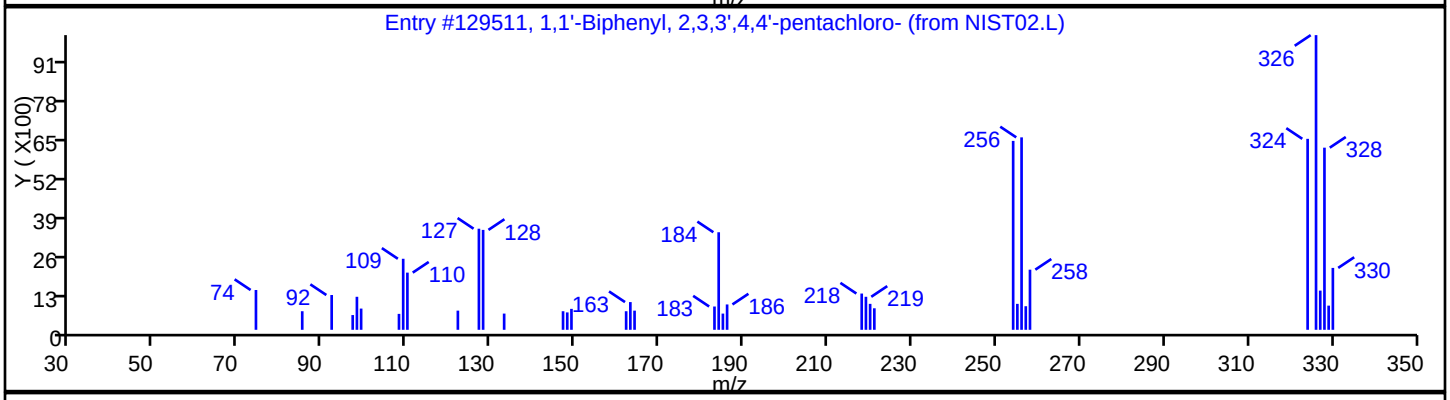
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91020.D

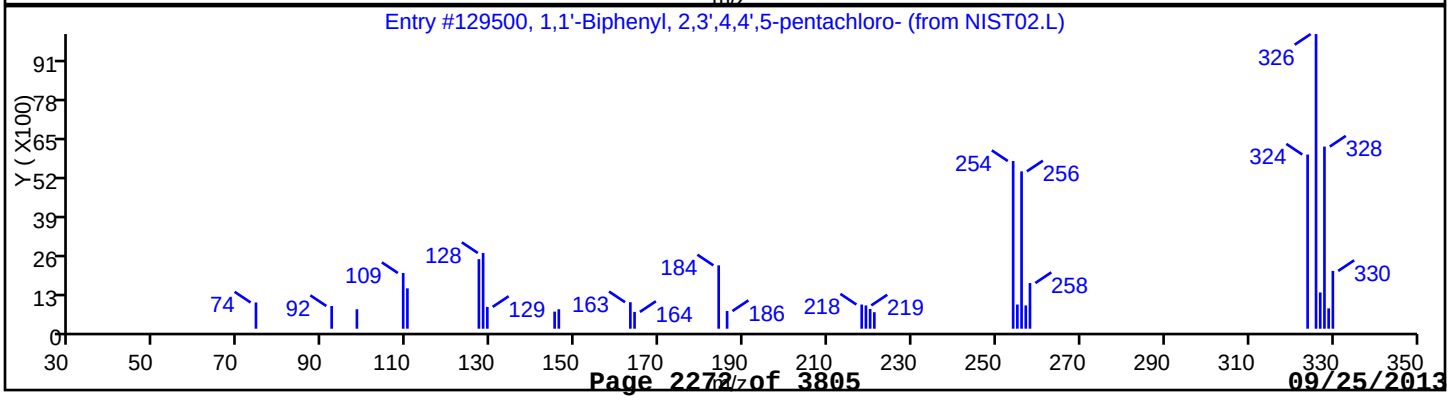
Injection Date:	19-Sep-2013 17:57:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-VS	Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,3,4',5,6-Pentachloro-	68194-11-6	NIST02.L	129482	96
1,1'-Biphenyl, 2,3,3',4,4'-pentachloro-	32598-14-4	NIST02.L	129511	96
1,1'-Biphenyl, 2,3',4,4',5-pentachloro-	31508-00-6	NIST02.L	129500	95









FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VD | Lab Sample ID: 460-62968-28

Matrix: Solid | Lab File ID: z2502.d

Analysis Method: 8270C | Date Collected: 09/12/2013 15:30

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.04(g) | Date Analyzed: 09/23/2013 15:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182720 | 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	210	U	1800	210
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	960	J	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	8800		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	220	U	1800	220
95-95-4	2,4,5-Trichlorophenol	240	U	1800	240
92-52-4	Diphenyl	250	U	1800	250
91-58-7	2-Chloronaphthalene	210	U	1800	210
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	950	J	1800	270

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VD | Lab Sample ID: 460-62968-28

Matrix: Solid | Lab File ID: z2502.d

Analysis Method: 8270C | Date Collected: 09/12/2013 15:30

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.04(g) | Date Analyzed: 09/23/2013 15:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.4 | 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	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	240	U	1800	240
206-44-0	Fluoranthene	250	U	1800	250
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	1200	J	1800	230
87-86-5	Pentachlorophenol	550	U	5600	550
129-00-0	Pyrene	150	U	1800	150
218-01-9	Chrysene	210	U	1800	210
207-08-9	Benzo[k]fluoranthene	14	U	180	14
191-24-2	Benzo[g,h,i]perylene	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	850	J	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	650	U	3700	650
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VD | Lab Sample ID: 460-62968-28

Matrix: Solid | Lab File ID: z2502.d

Analysis Method: 8270C | Date Collected: 09/12/2013 15:30

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.04(g) | Date Analyzed: 09/23/2013 15:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182720 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	68		38-105
4165-62-2	Phenol-d5	76		41-118
1718-51-0	Terphenyl-d14	69		16-151
118-79-6	2,4,6-Tribromophenol	64		10-120
367-12-4	2-Fluorophenol	72		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VD | Lab Sample ID: 460-62968-28

Matrix: Solid | Lab File ID: z2502.d

Analysis Method: 8270C | Date Collected: 09/12/2013 15:30

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.04(g) | Date Analyzed: 09/23/2013 15:37

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182720 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 1.481e+006

CAS NO.	COMPOUND NAME	RT	RESULT	Q
88-73-3	Benzene, 1-chloro-2-nitro-	6.09	110000	J N
	Unknown Alkane-2	7.44	51000	J
	Dichloro-1,1-biphenyl isomer-1	8.15	98000	J
	Unknown Alkane-4	8.41	94000	J
	Dichloro-1,1-biphenyl isomer-3	8.55	150000	J
	Trichloro-1,1-biphenyl isomer-1	8.91	210000	J
	Trichloro-1,1-biphenyl isomer-3	9.07	100000	J
	Trichloro-1,1-biphenyl isomer-5	9.32	170000	J
	Unknown	9.33	57000	J
	Trichloro-1,1-biphenyl isomer-6	9.40	110000	J
	Trichloro-1,1-biphenyl isomer-7	9.46	55000	J
	Tetrachloro-1,1-biphenyl isomer-1	9.58	71000	J
	Tetrachloro-1,1-biphenyl isomer-4	9.75	69000	J
	Tetrachloro-1,1-biphenyl isomer-8	10.08	78000	J
	Tetrachloro-1,1-biphenyl isomer-9	10.10	58000	J

Data File: /chem/BNAMS11.i/8270/09-19-13/23sep13a.b/z2502.d
Report Date: 23-Sep-2013 17:21

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-19-13/23sep13a.b/z2502.d
Lab Smp Id: 460-62968-E-28-B Client Smp ID: PMP-24SE-VD
Inj Date : 23-SEP-2013 15:37
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62968-E-28-B
Misc Info : 460-62968-E-28-B
Comment   :
Method   : /chem/BNAMS11.i/8270/09-19-13/23sep13a.b/8270C_11.m
Meth Date : 23-Sep-2013 04:36 asfawa Quant Type: ISTD
Cal Date : 19-SEP-2013 03:37 Cal File: z2314.d
Als bottle: 29
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	10.37182	% 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	3.158	3.158	(0.712)	111143	14.4981	5400
$ 17 Phenol-d5 (SUR)	99	4.053	4.082	(0.914)	144820	15.1145	5600
* 79 1,4-Dichlorobenzene-d4	152	4.435	4.441	(1.000)	216160	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.988	4.999	(0.872)	57066	6.84494	2500
30 1,2,4-Trichlorobenzene	180	5.658	5.664	(0.990)	13226	2.36934	880
* 80 Naphthalene-d8	136	5.717	5.723	(1.000)	716136	40.0000	
31 Naphthalene	128	5.735	5.746	(1.003)	49715	2.57856	960(a)
34 2-Methylnaphthalene	142	6.435	6.441	(1.126)	282050	23.8172	8800
120 1-Methylnaphthalene	142	6.535	6.541	(1.143)	153615	12.4236	4600
$ 77 2-Fluorobiphenyl (SUR)	172	6.799	6.805	(0.910)	83986	8.64311	3200
103 Diphenyl Ether	170	7.005	7.005	(0.937)	10916	1.87071	690(a)
125 1,3-Dimethylnaphthalene	156	7.141	7.141	(0.955)	223013	31.1298	12000
* 82 Acenaphthene-d10	164	7.476	7.476	(1.000)	263025	40.0000	

Data File: /chem/BNAMS11.i/8270/09-19-13/23sep13a.b/z2502.d
Report Date: 23-Sep-2013 17:21

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
42	Acenaphthene	154	7.505	7.511	(1.004)	20975	2.57037	950(a)
$ 18	2,4,6-Tribromophenol (SUR)	330	8.258	8.258	(1.105)	11910	12.7803	4700
115	n-Octadecane	57	8.852	8.835	(0.991)	1103455	131.139	49000(A)
* 83	Phenanthrene-d10	188	8.976	8.946	(1.000)	413618	40.0000	(H)
52	Phenanthrene	178	8.993	8.970	(1.007)	40559	3.31034	1200(a)
$ 78	Terphenyl-d14	244	10.529	10.523	(0.897)	38375	6.92308	2600
* 81	Chrysene-d12	240	11.740	11.746	(1.000)	169135	40.0000	
63	bis(2-Ethylhexyl)phthalate	149	11.758	11.764	(1.002)	10532	2.30249	850(a)
* 84	Perylene-d12	264	13.687	13.693	(1.000)	169584	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: z2502.d

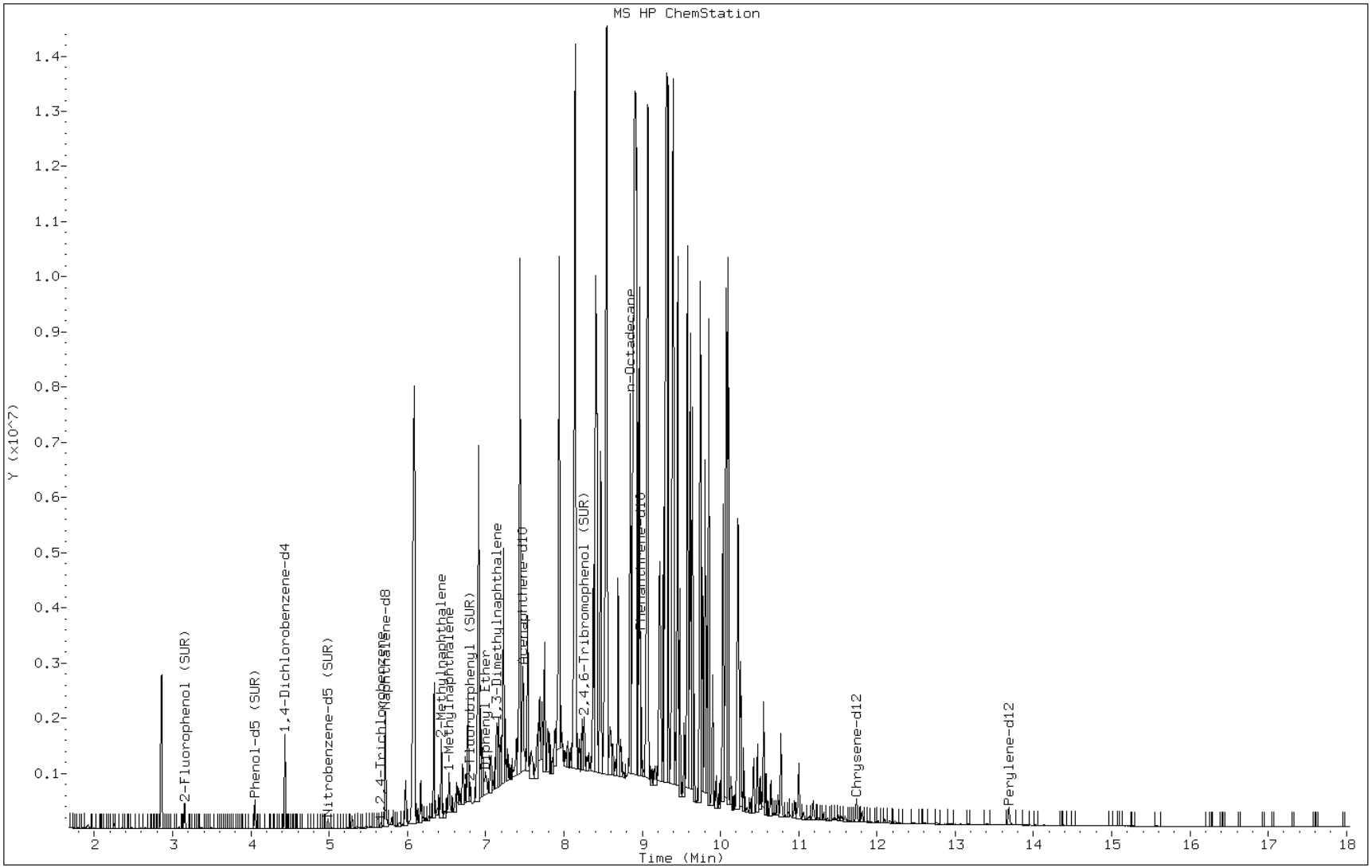
Date: 23-SEP-2013 15:37

Client ID: PMP-24SE-VD

Instrument: BNAMS11.i

Sample Info: 460-62968-E-28-B

Operator: BNAMS 4



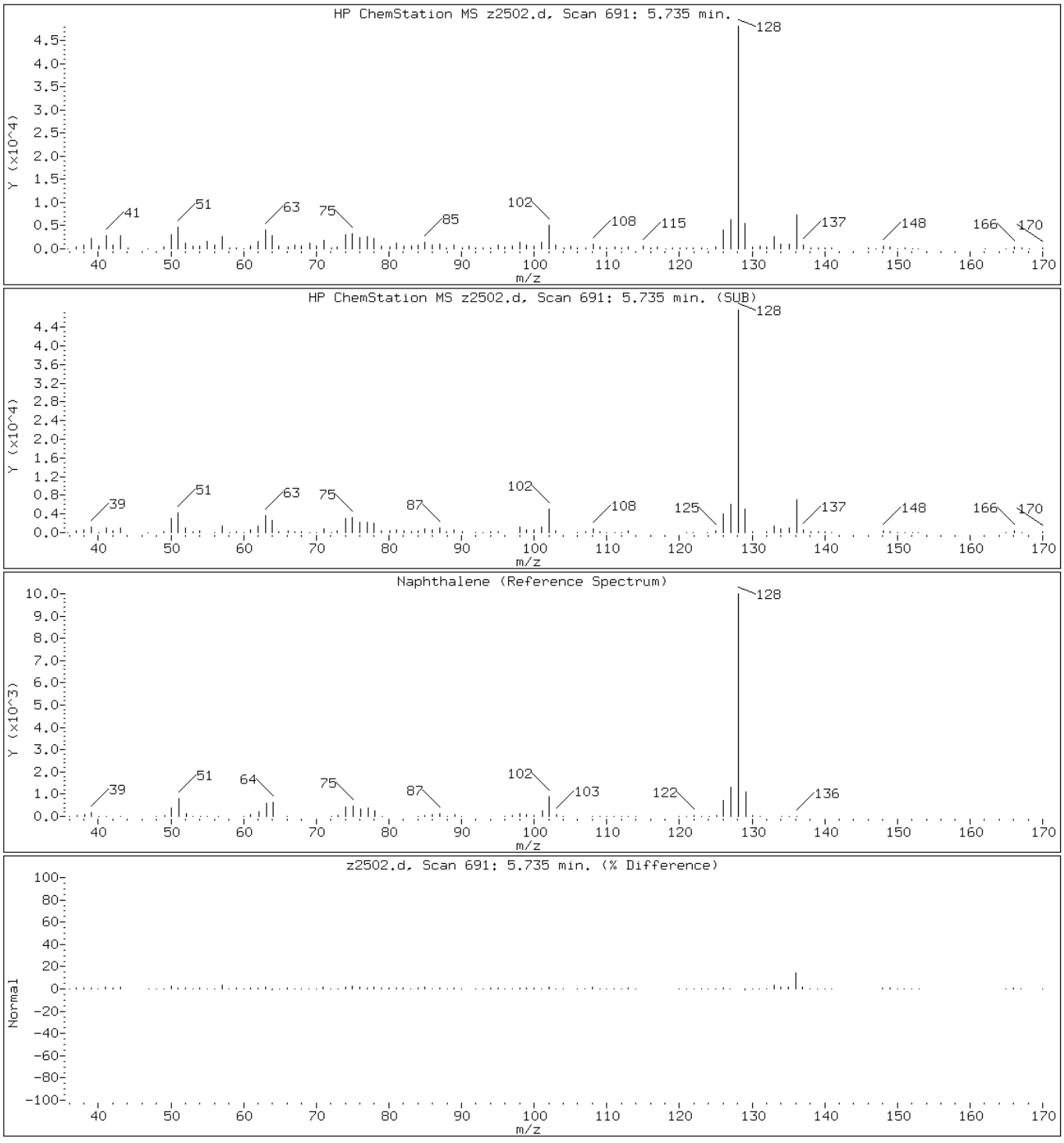
Data File: z2502.d

Date: 23-SEP-2013 15:37

Client ID: PMP-24SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-28-B Operator: BNAMS 4

31 Naphthalene



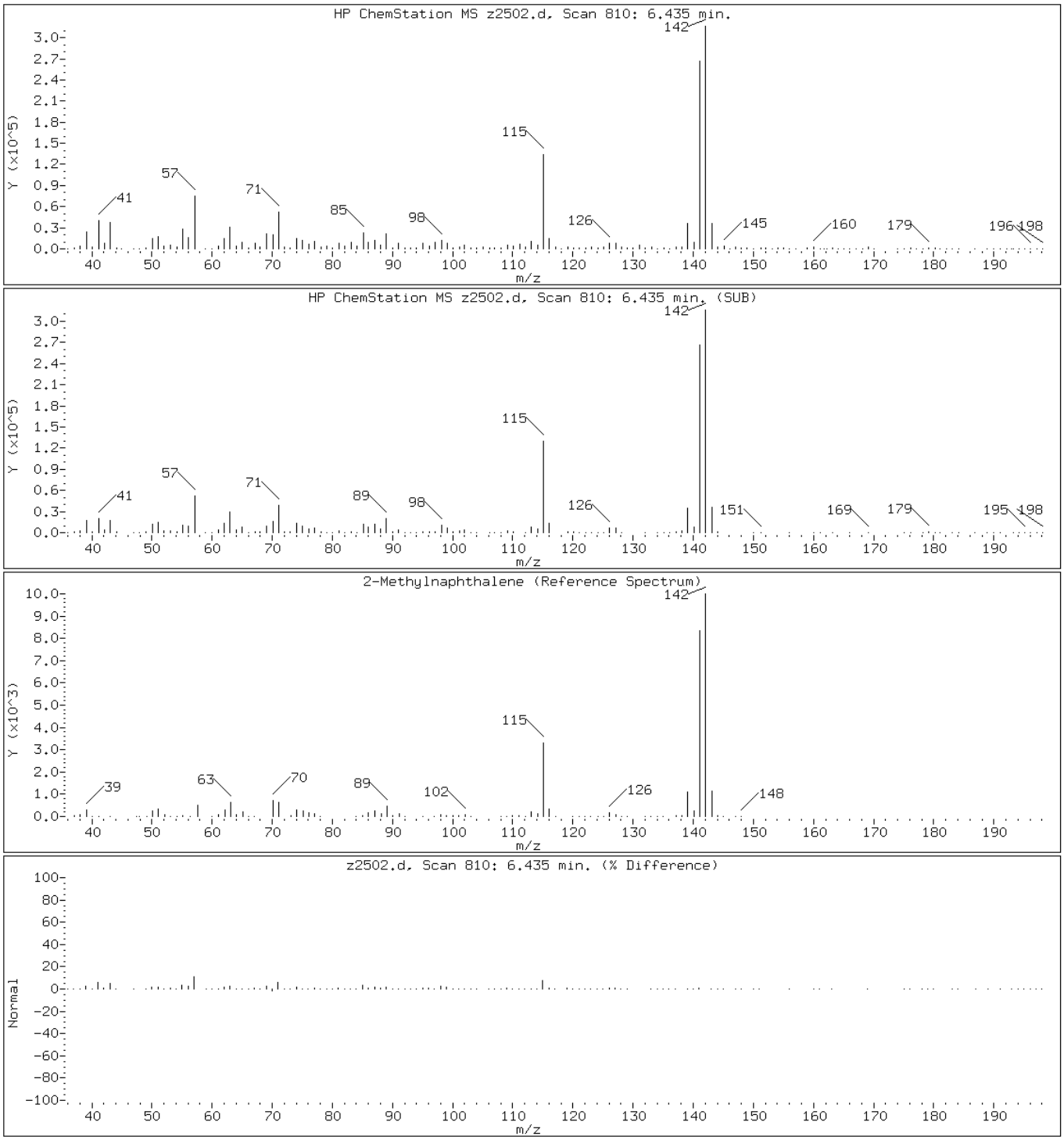
Data File: z2502.d

Date: 23-SEP-2013 15:37

Client ID: PMP-24SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-28-B Operator: BNAMS 4

34 2-Methylnaphthalene



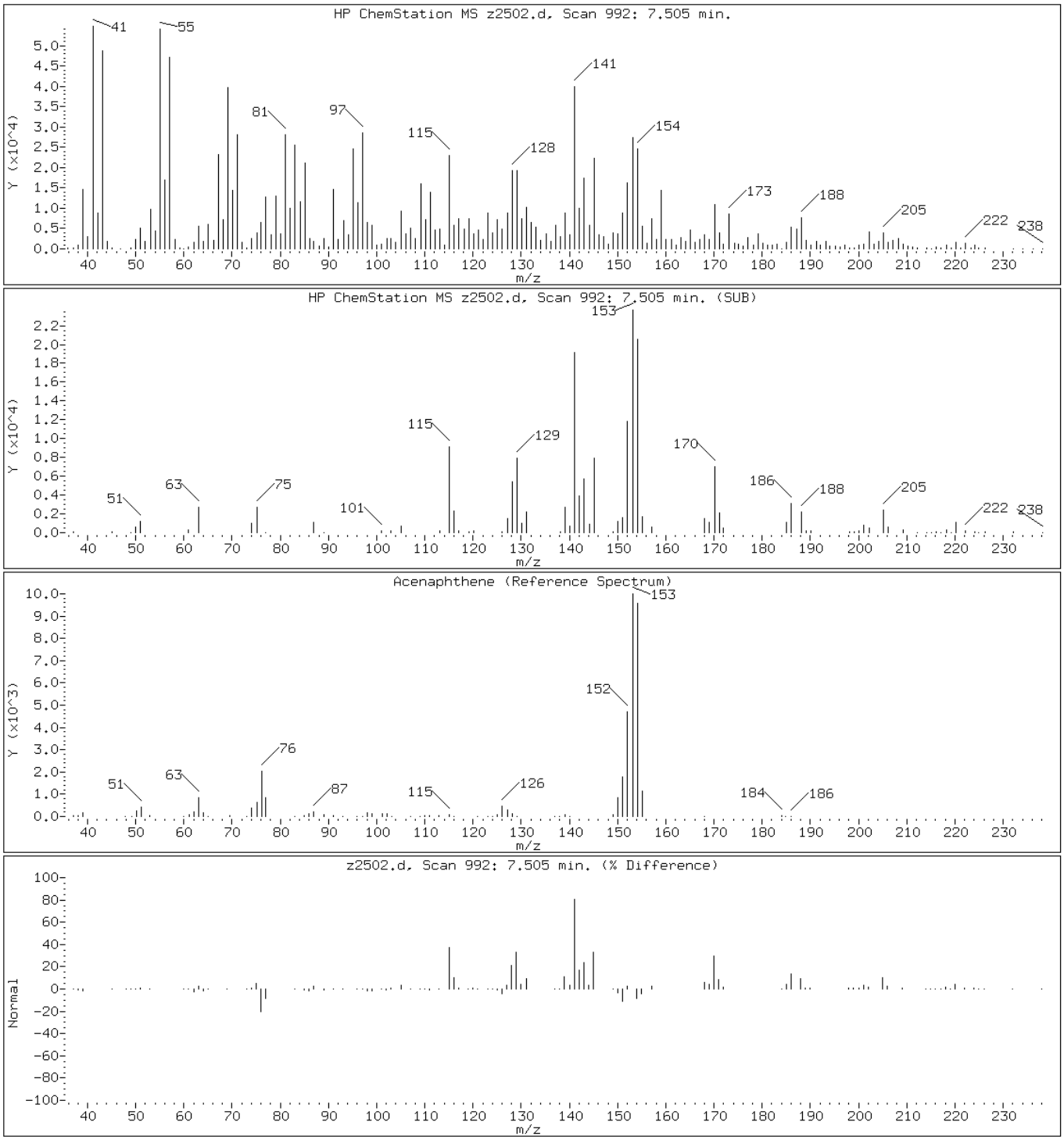
Data File: z2502.d

Date: 23-SEP-2013 15:37

Client ID: PMP-24SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-28-B Operator: BNAMS 4

42 Acenaphthene



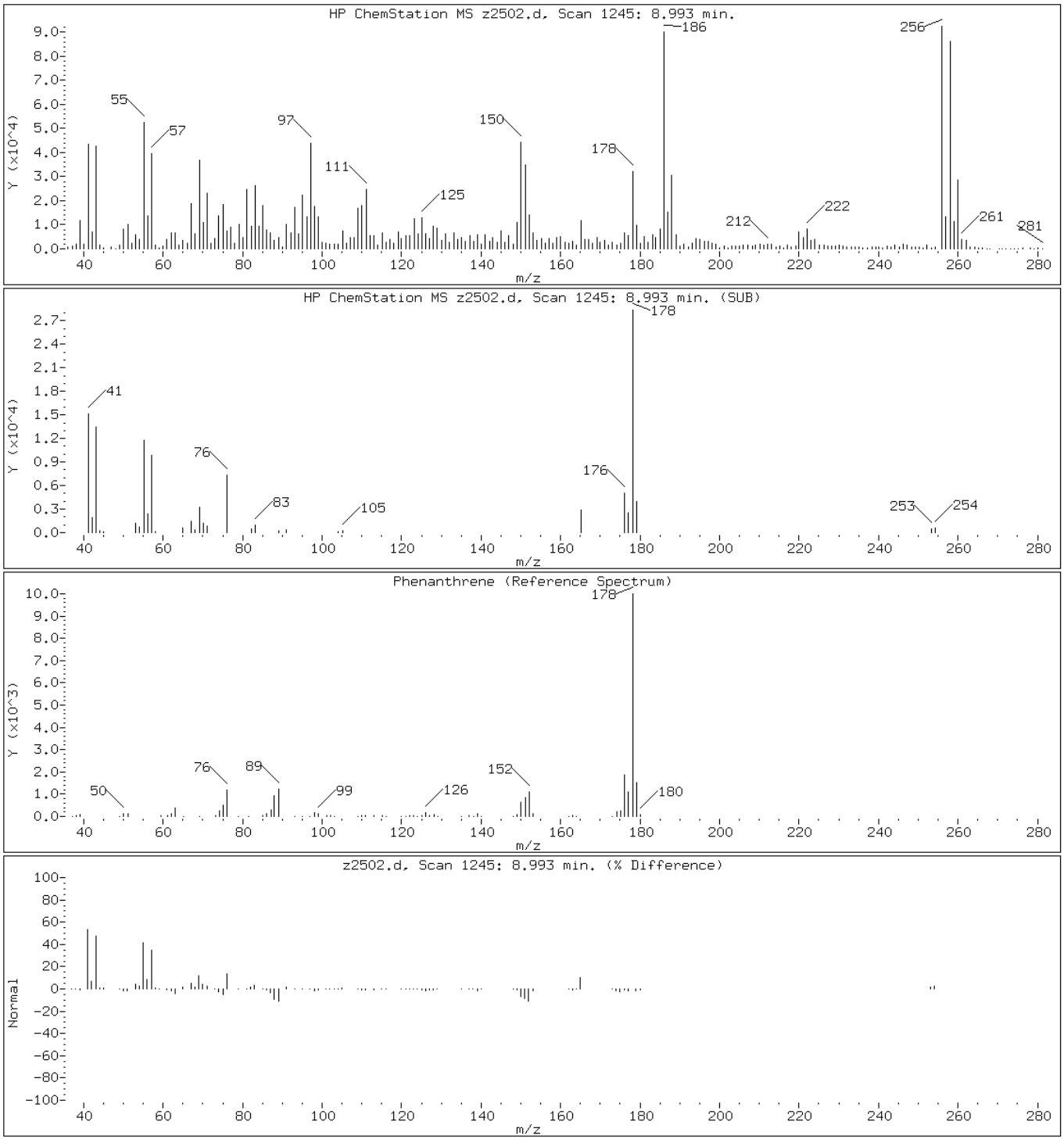
Data File: z2502.d

Date: 23-SEP-2013 15:37

Client ID: PMP-24SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-28-B Operator: BNAMS 4

52 Phenanthrene



Data File: z2502.d

Date: 23-SEP-2013 15:37

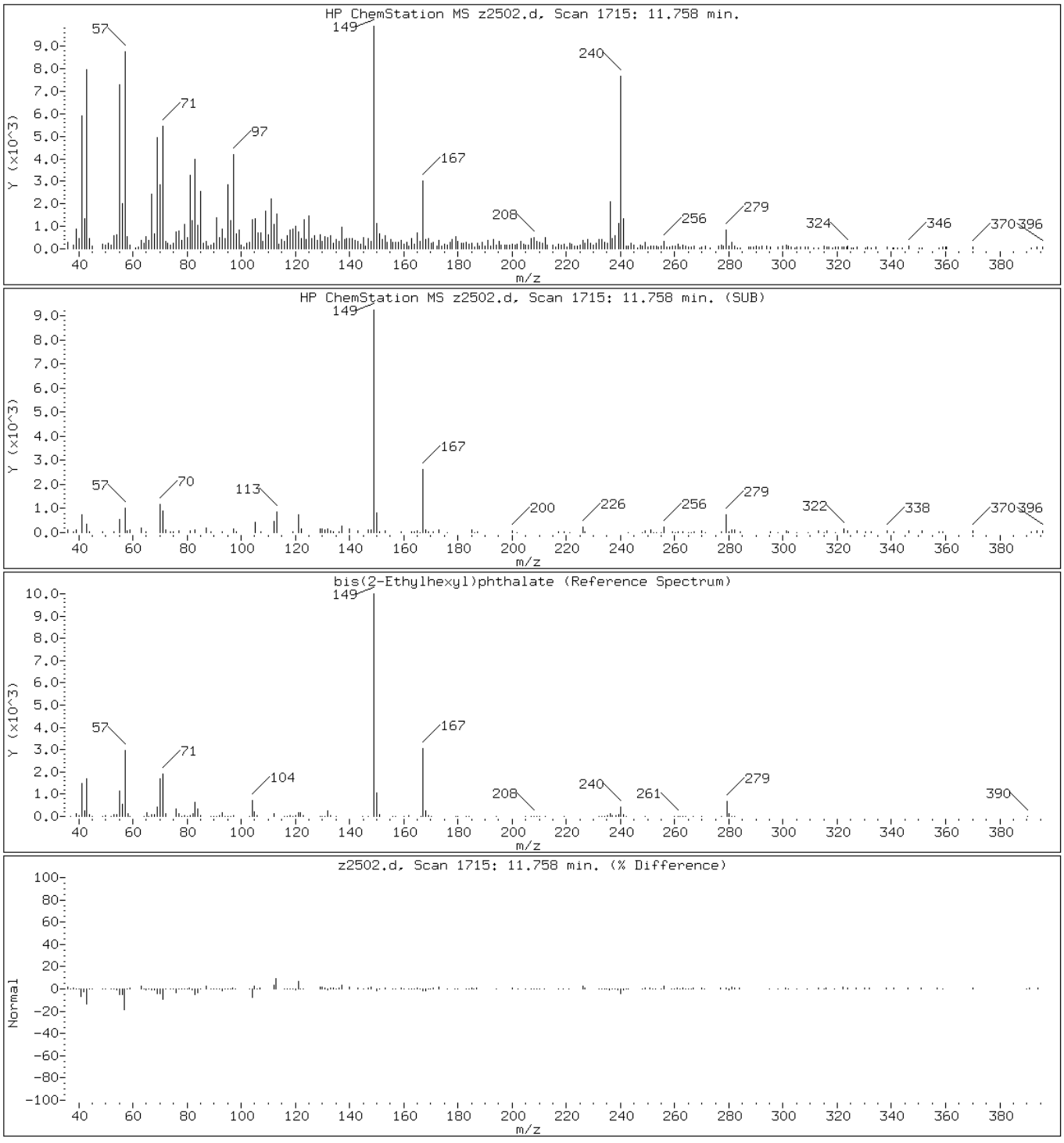
Client ID: PMP-24SE-VD

Instrument: BNAMS11.i

Sample Info: 460-62968-E-28-B

Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



Data File: z2502.d

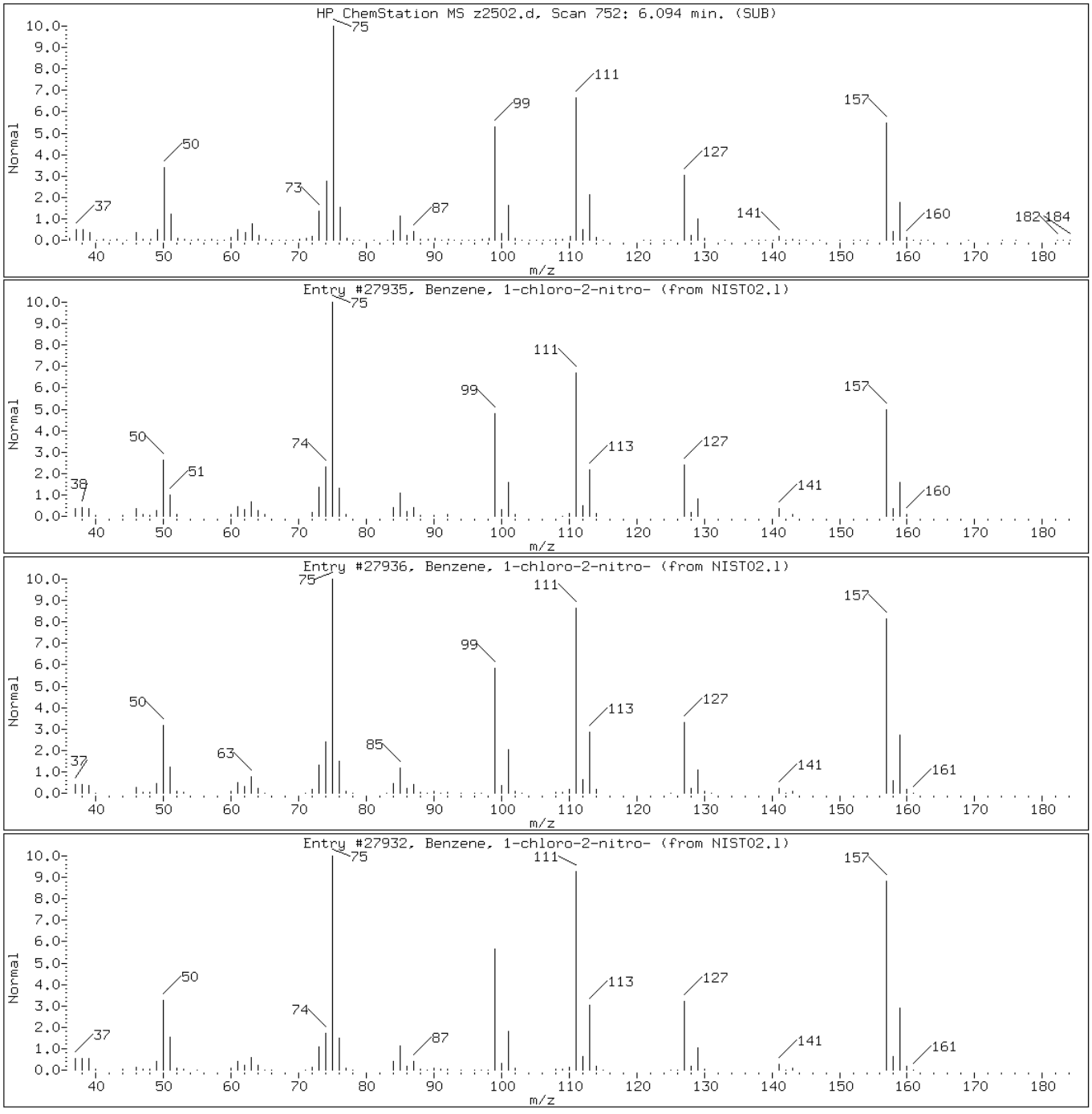
Date: 23-SEP-2013 15:37

Client ID: PMP-24SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-28-B Operator: BNAMS 4

Retention Time: 6.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.l	27935	98	C6H4ClNO2	157
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.l	27936	97	C6H4ClNO2	157
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.l	27932	96	C6H4ClNO2	157



Data File: z2502.d

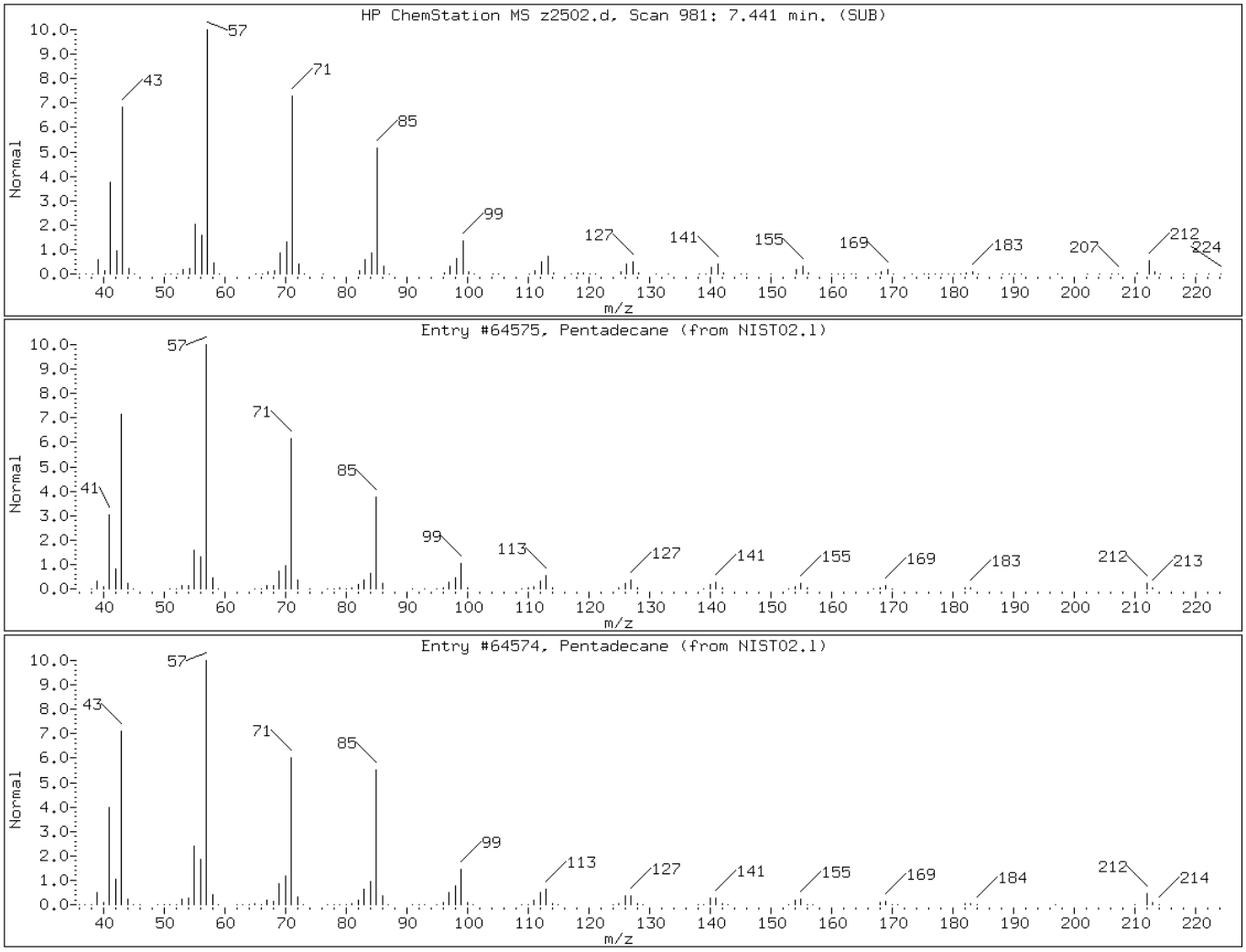
Date: 23-SEP-2013 15:37

Client ID: PMP-24SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-28-B Operator: BNAMS 4

Retention Time: 7.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Pentadecane	629-62-9	NIST02.l	64575	96	C15H32	212
Pentadecane	629-62-9	NIST02.l	64574	95	C15H32	212



Data File: z2502.d

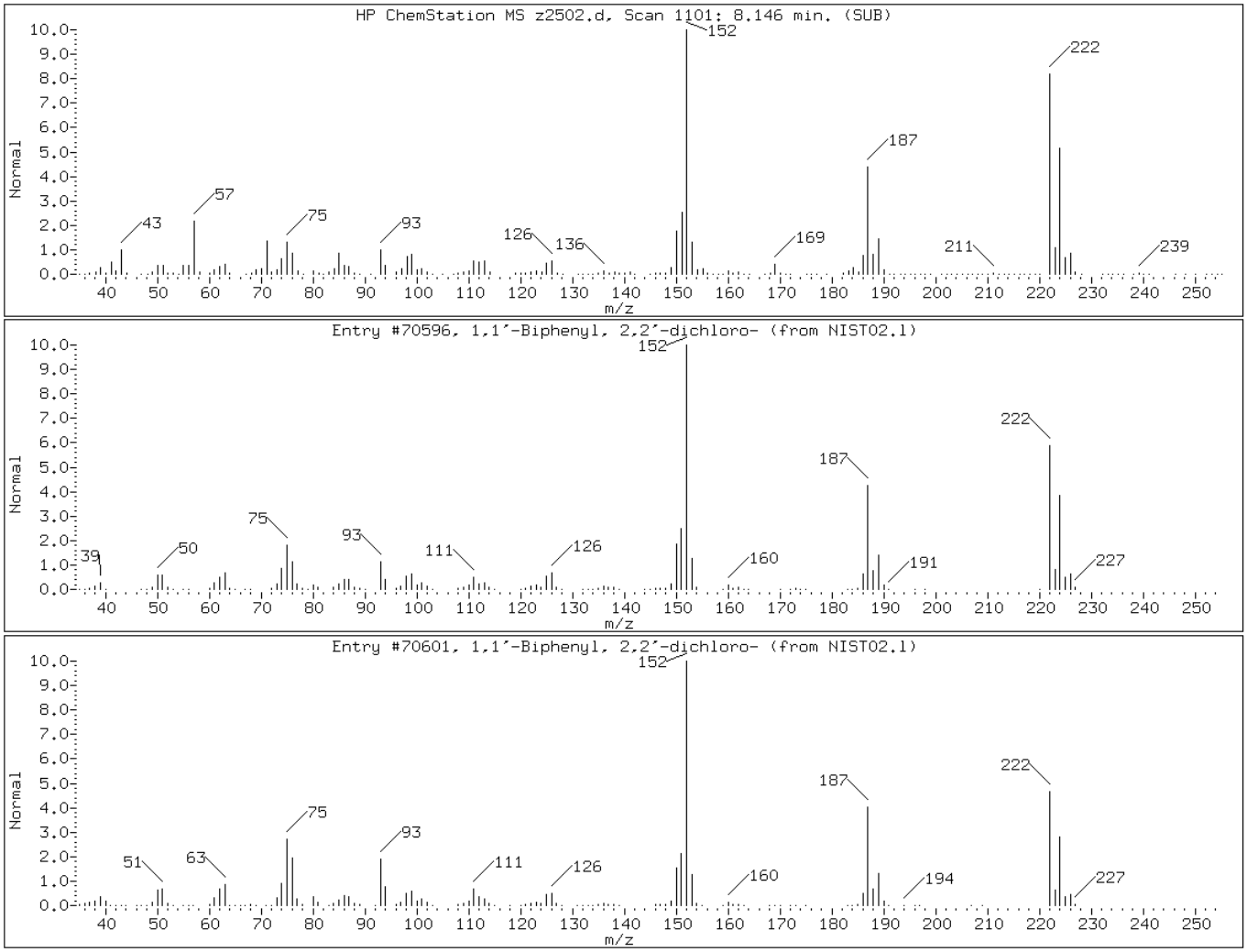
Date: 23-SEP-2013 15:37

Client ID: PMP-24SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-28-B Operator: BNAMS 4

Retention Time: 8.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70596	99	C12H8Cl2	222
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70601	99	C12H8Cl2	222



Data File: z2502.d

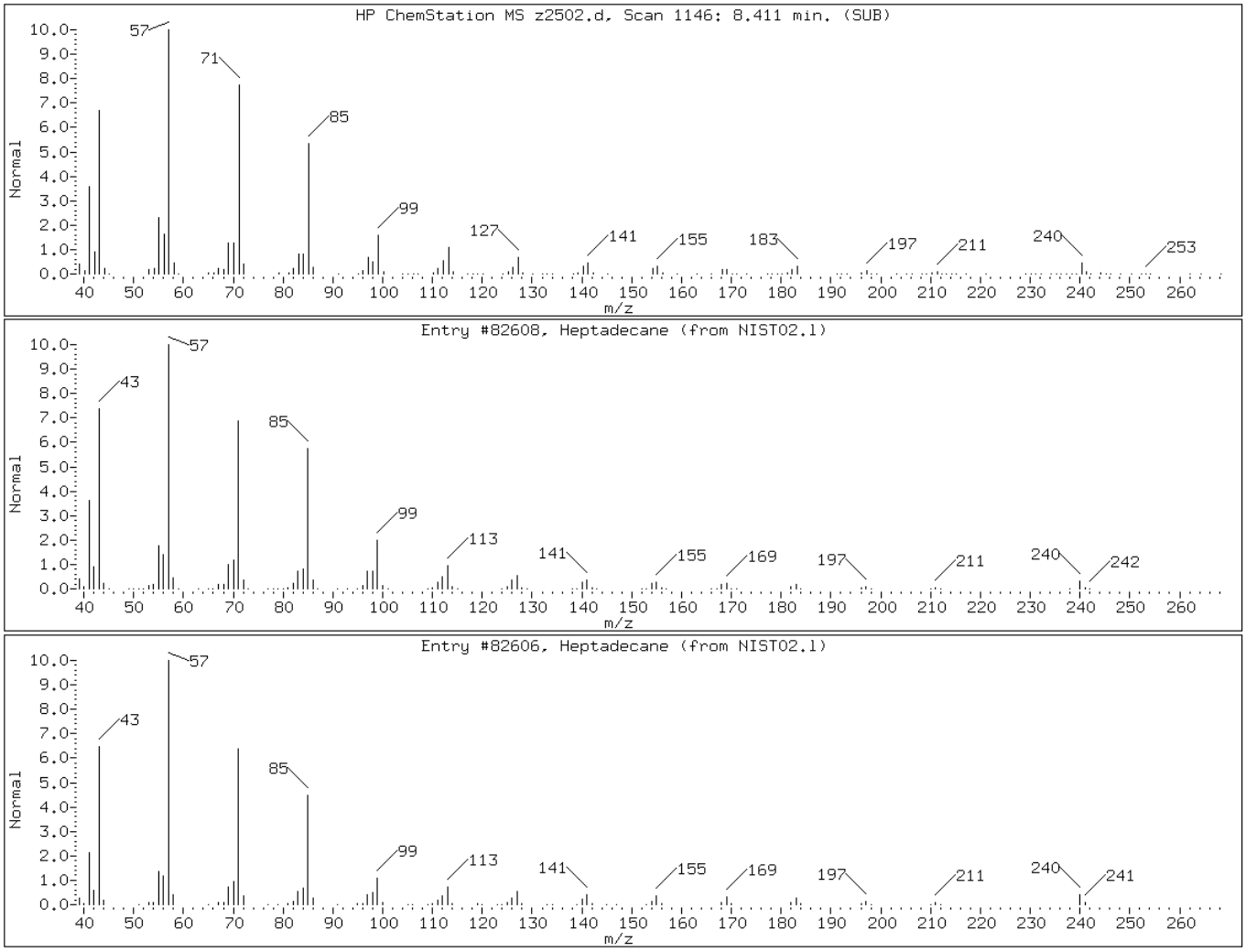
Date: 23-SEP-2013 15:37

Client ID: PMP-24SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-28-B Operator: BNAMS 4

Retention Time: 8.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Heptadecane	629-78-7	NIST02.l	82608	98	C17H36	240
Heptadecane	629-78-7	NIST02.l	82606	98	C17H36	240



Data File: z2502.d

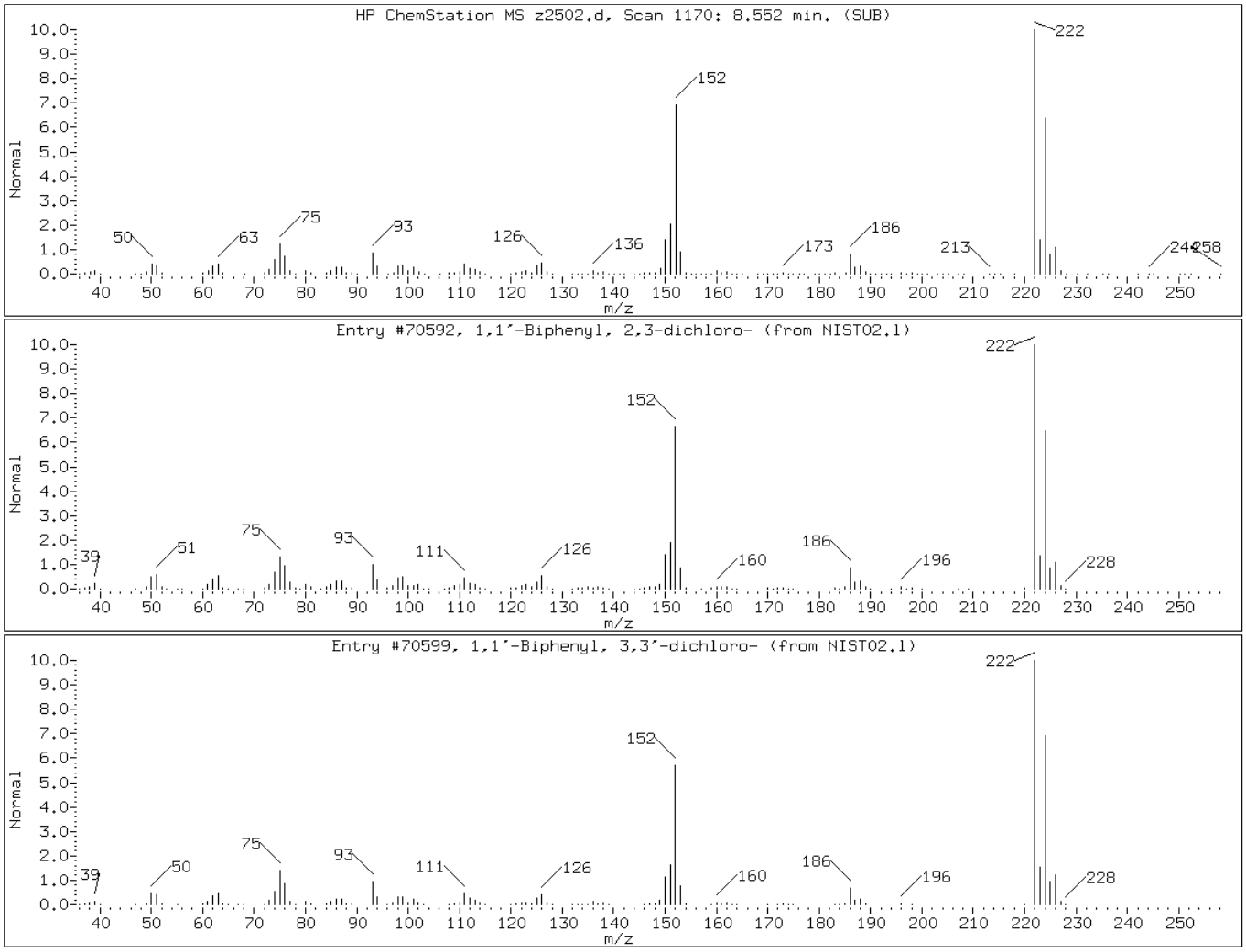
Date: 23-SEP-2013 15:37

Client ID: PMP-24SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-28-B Operator: BNAMS 4

Retention Time: 8.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.l	70592	99	C12H8Cl2	222
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.l	70599	99	C12H8Cl2	222



Data File: z2502.d

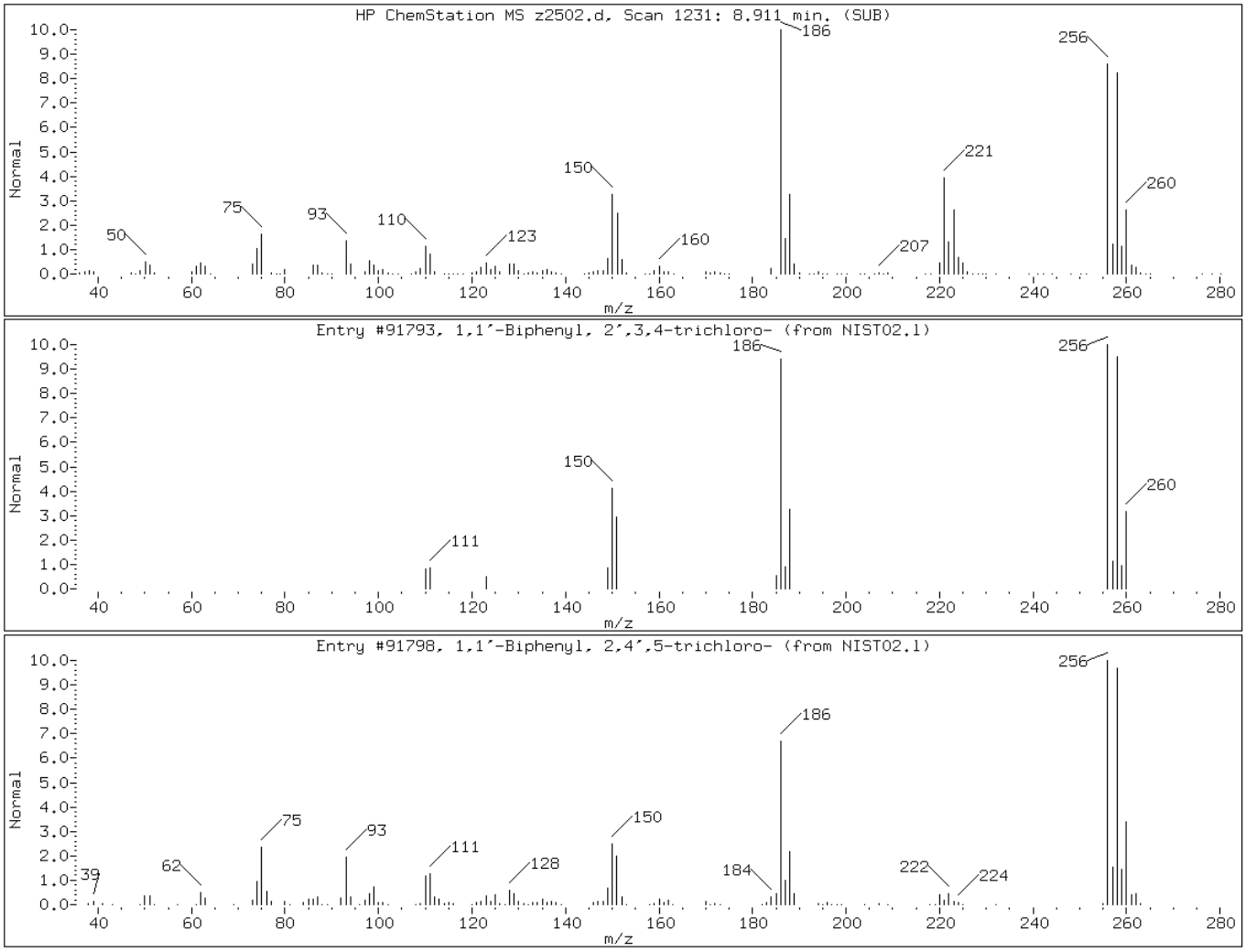
Date: 23-SEP-2013 15:37

Client ID: PMP-24SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-28-B 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	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91798	97	C12H7Cl3	256



Data File: z2502.d

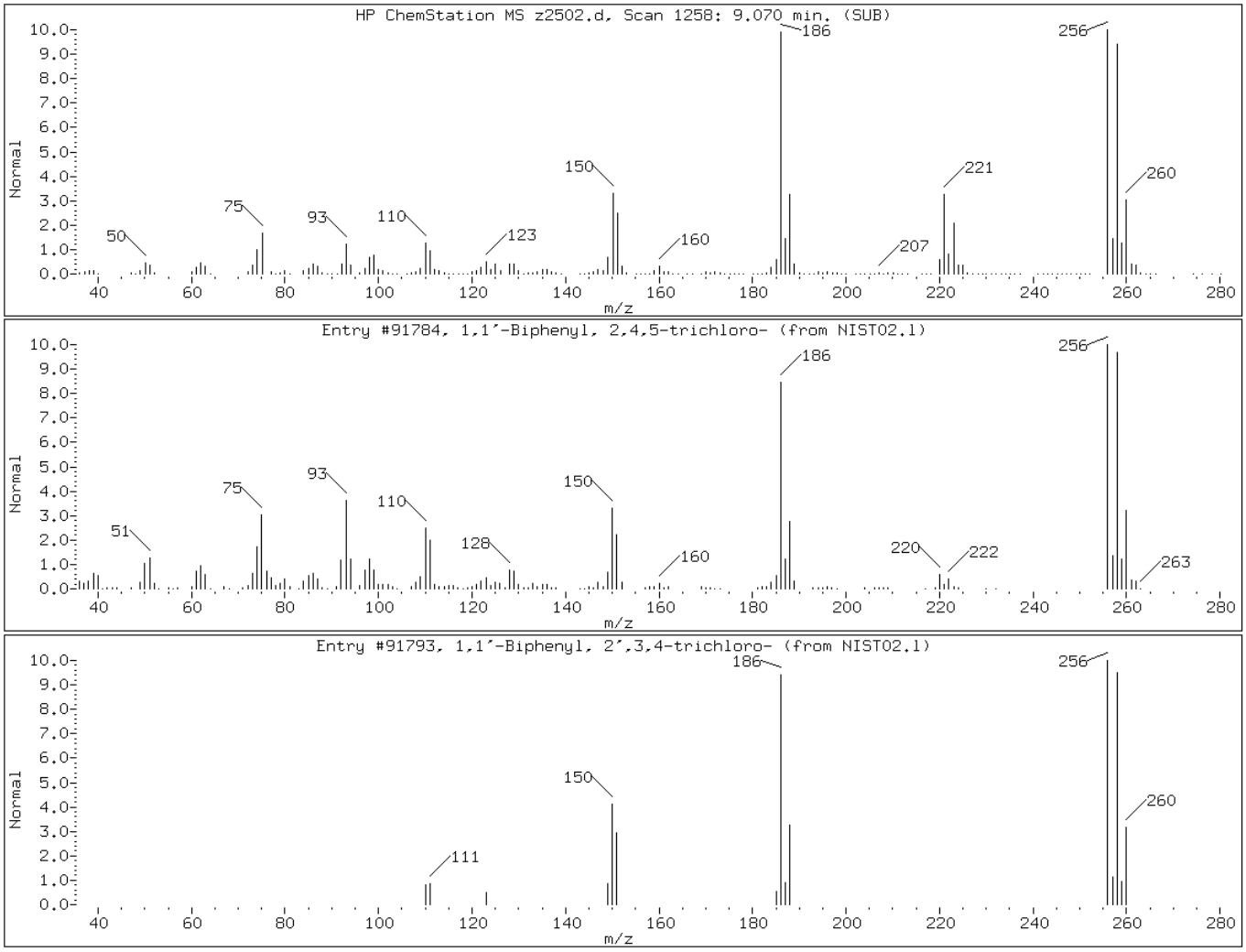
Date: 23-SEP-2013 15:37

Client ID: PMP-24SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-28-B Operator: BNAMS 4

Retention Time: 9.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.l	91784	99	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	98	C12H7Cl3	256



Data File: z2502.d

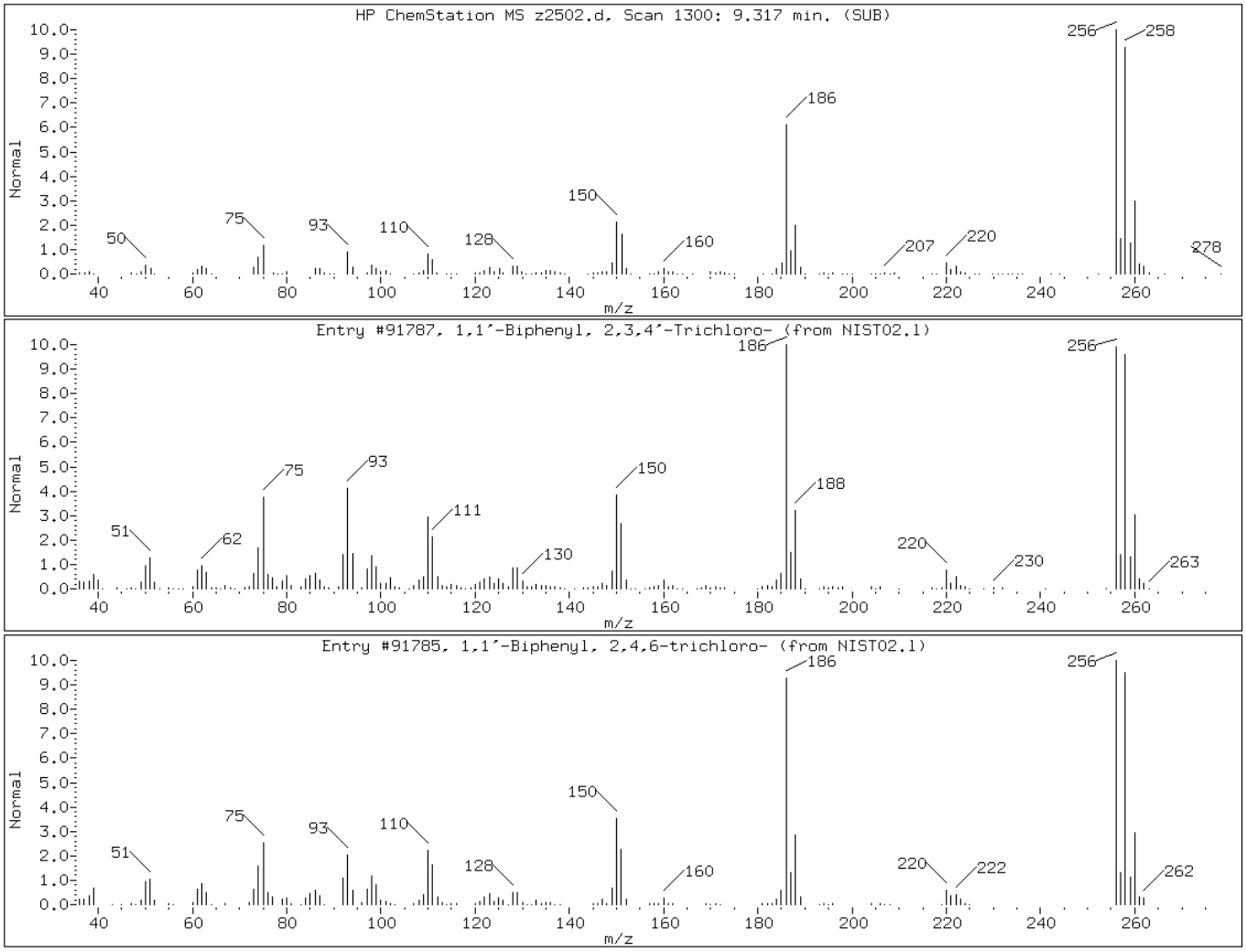
Date: 23-SEP-2013 15:37

Client ID: PMP-24SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-28-B Operator: BNAMS 4

Retention Time: 9.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,3,4'-Trichloro-	38444-85-8	NIST02.l	91787	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.l	91785	98	C12H7Cl3	256



Data File: z2502.d

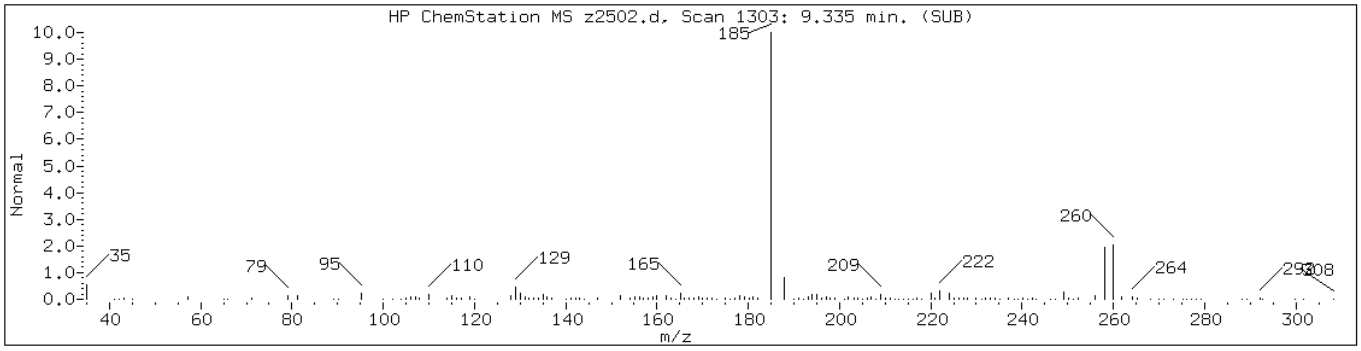
Date: 23-SEP-2013 15:37

Client ID: PMP-24SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-28-B Operator: BNAMS 4

Retention Time: 9.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown						



Data File: z2502.d

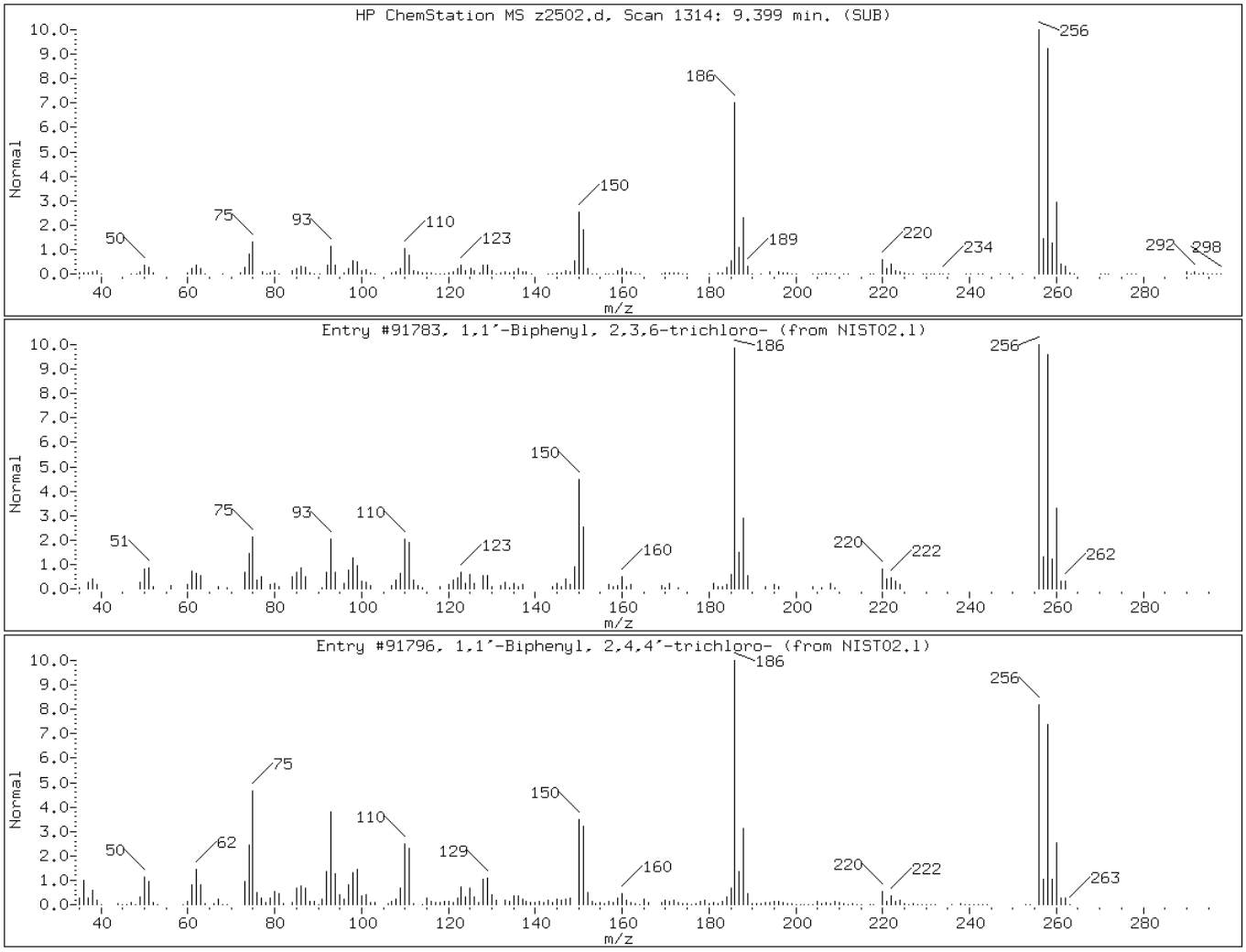
Date: 23-SEP-2013 15:37

Client ID: PMP-24SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-28-B Operator: BNAMS 4

Retention Time: 9.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91796	99	C12H7Cl3	256



Data File: z2502.d

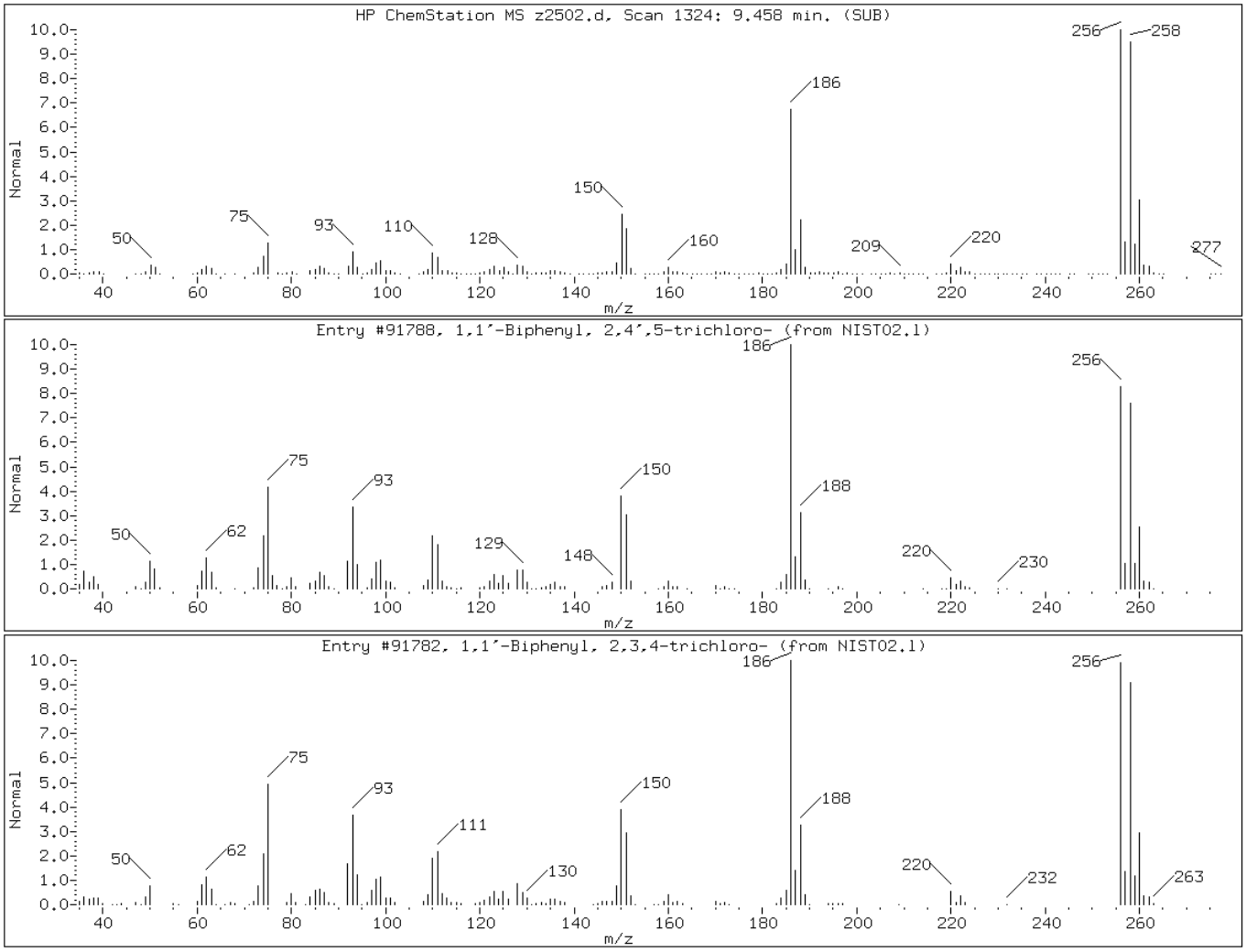
Date: 23-SEP-2013 15:37

Client ID: PMP-24SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-28-B Operator: BNAMS 4

Retention Time: 9.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-7						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	98	C12H7Cl3	256



Data File: z2502.d

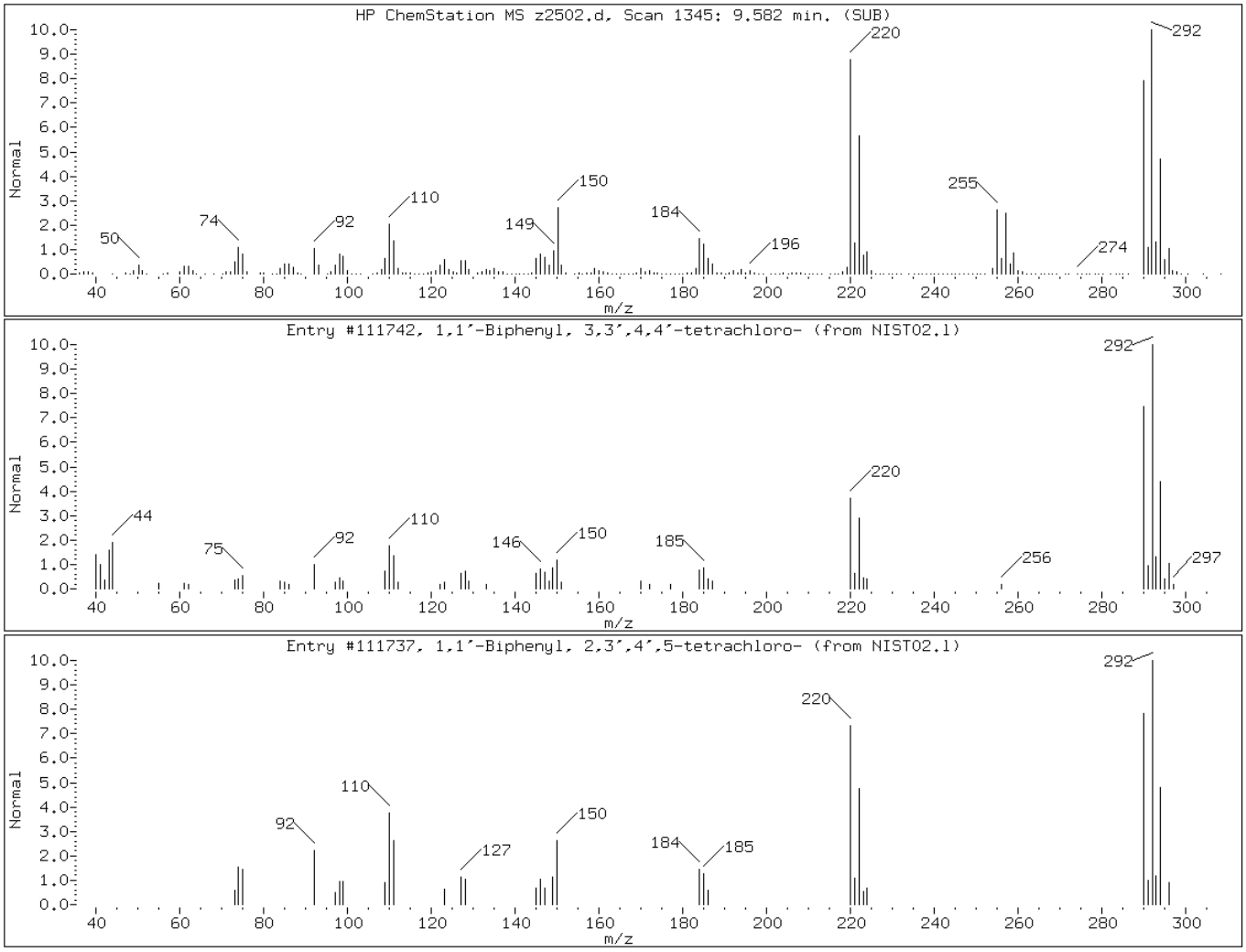
Date: 23-SEP-2013 15:37

Client ID: PMP-24SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-28-B Operator: BNAMS 4

Retention Time: 9.58

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	98	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	98	C12H6Cl4	290



Data File: z2502.d

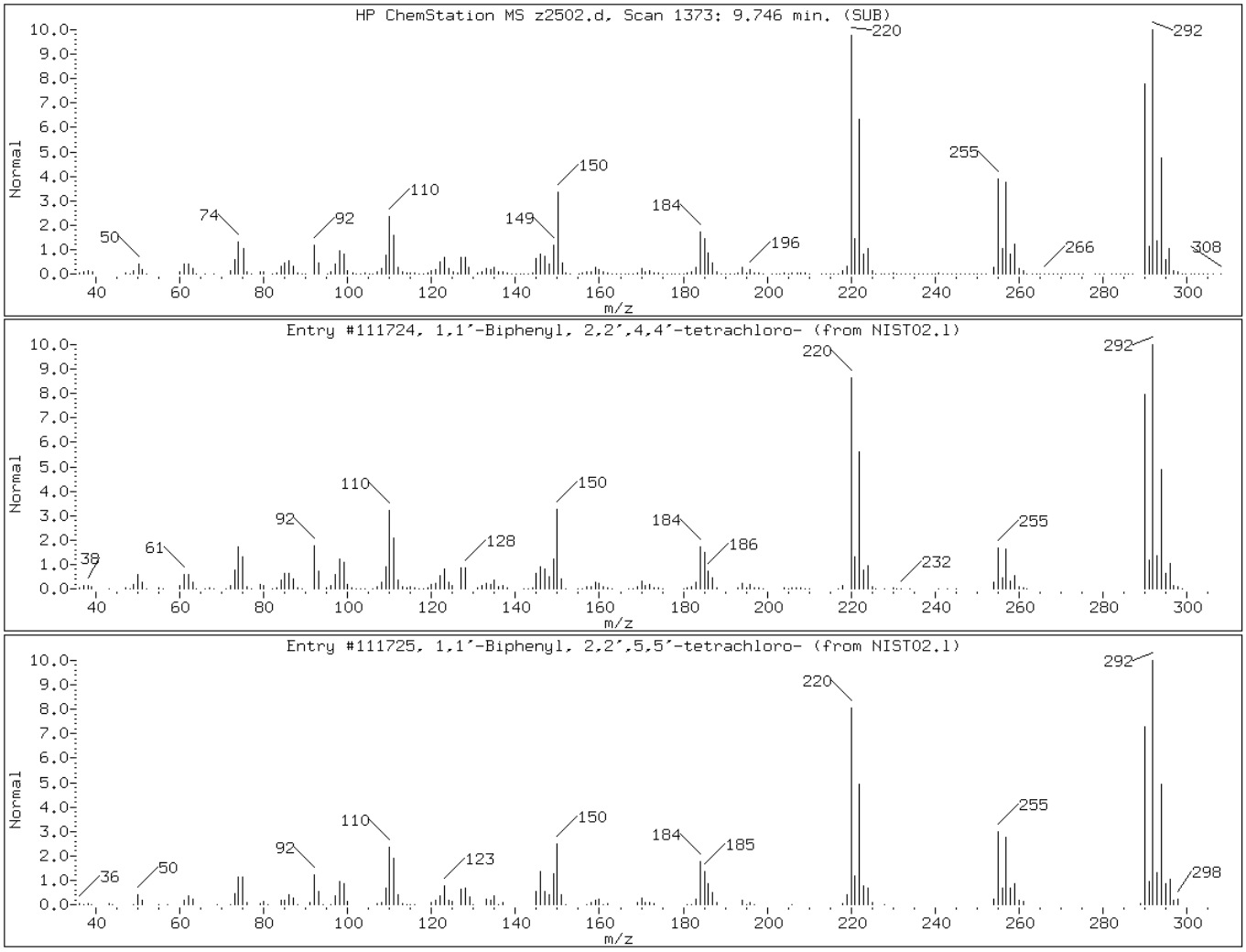
Date: 23-SEP-2013 15:37

Client ID: PMP-24SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-28-B Operator: BNAMS 4

Retention Time: 9.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111725	99	C12H6Cl4	290



Data File: z2502.d

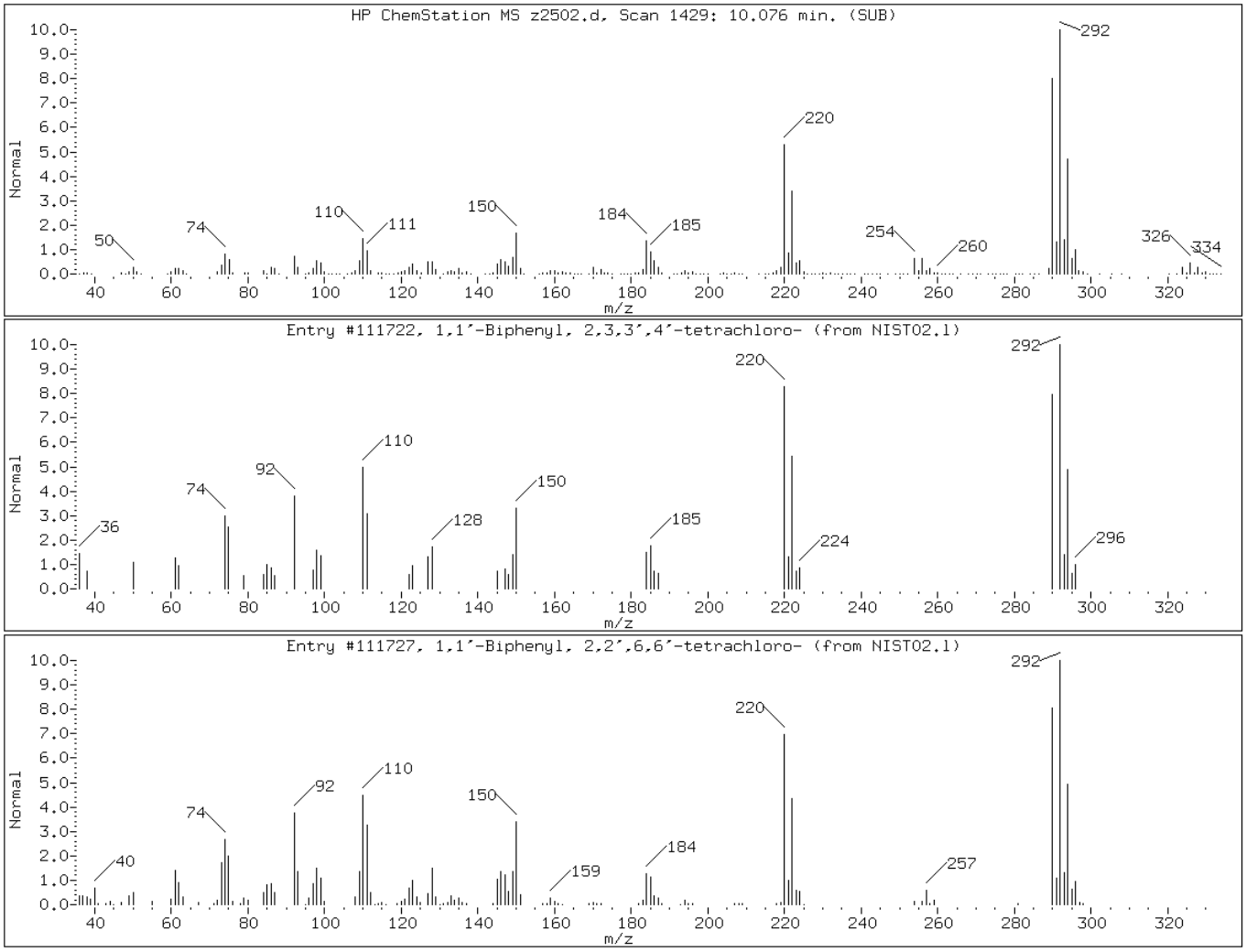
Date: 23-SEP-2013 15:37

Client ID: PMP-24SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-28-B 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, 2,3,3',4'-tetrachlo	41464-43-1	NIST02.l	111722	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',6,6'-tetrachlo	15968-05-5	NIST02.l	111727	99	C12H6Cl4	290



Data File: z2502.d

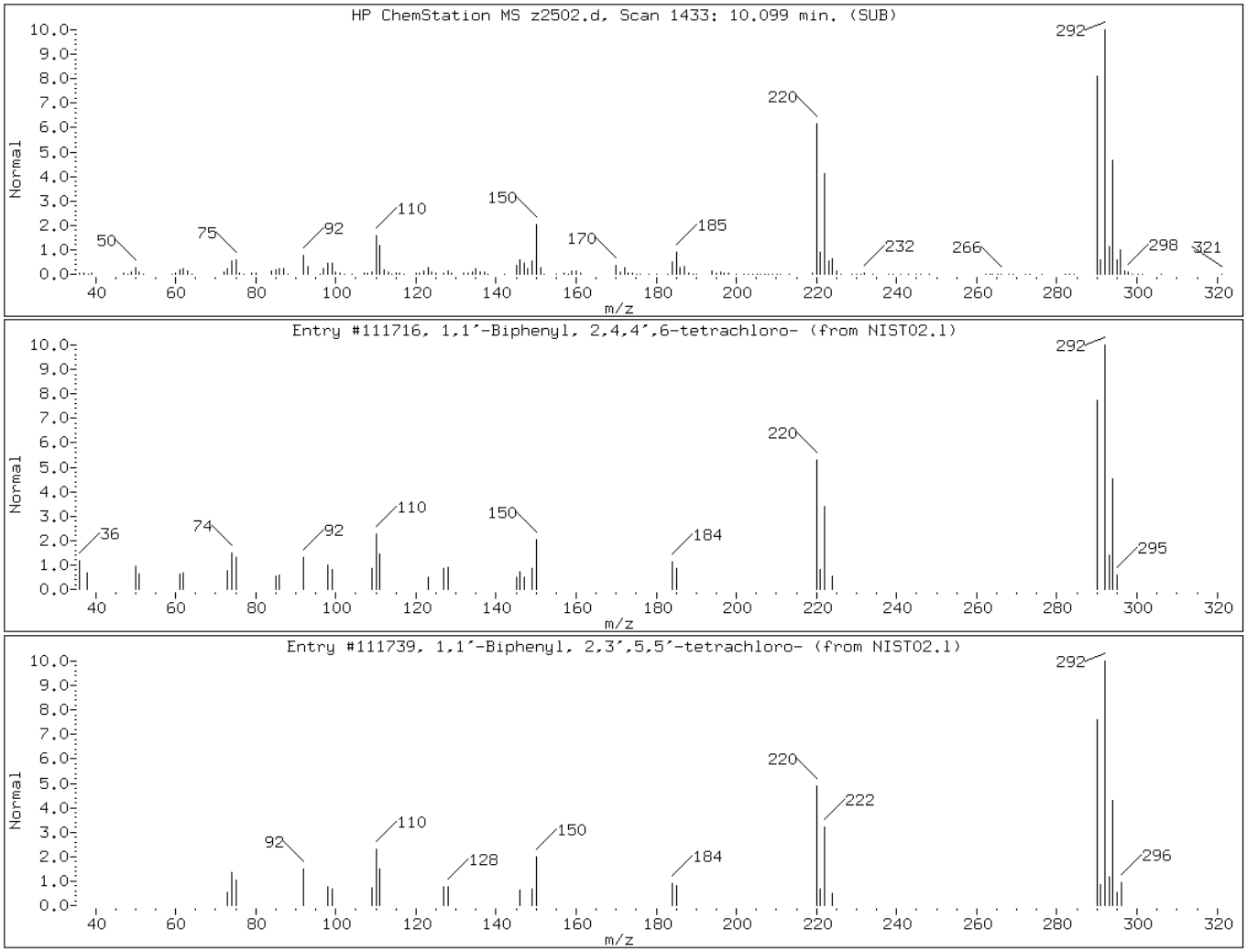
Date: 23-SEP-2013 15:37

Client ID: PMP-24SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-28-B Operator: BNAMS 4

Retention Time: 10.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-9						
1,1'-Biphenyl, 2,4,4',6-tetrachlor	32598-12-2	NIST02.l	111716	95	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	95	C12H6Cl4	290



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-WT DL | Lab Sample ID: 460-62968-29 DL

Matrix: Solid | Lab File ID: 112744.D

Analysis Method: 8270C | Date Collected: 09/12/2013 15:25

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/20/2013 13:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.9 | 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	59	U	350	59
98-95-3	Nitrobenzene	50	U	350	50
67-72-1	Hexachloroethane	39	U	350	39
78-59-1	Isophorone	430	U	3500	430
88-75-5	2-Nitrophenol	390	U	3500	390
105-67-9	2,4-Dimethylphenol	870	U	3500	870
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	2100	J D	3500	930
87-68-3	Hexachlorobutadiene	86	U	710	86
105-60-2	Caprolactam	810	U	3500	810
59-50-7	4-Chloro-3-methylphenol	530	U	3500	530
91-57-6	2-Methylnaphthalene	4100	D	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	690	J D	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	420	U	3500	420
208-96-8	Acenaphthylene	420	U	3500	420
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-WT DL | Lab Sample ID: 460-62968-29 DL

Matrix: Solid | Lab File ID: 112744.D

Analysis Method: 8270C | Date Collected: 09/12/2013 15:25

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/20/2013 13:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.9 | 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	1400	J D	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	960	U	11000	960
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	420	U	3500	420
85-01-8	Phenanthrene	450	U	3500	450
87-86-5	Pentachlorophenol	1000	U	11000	1000
129-00-0	Pyrene	290	U	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	25	U	350	25
86-30-6	N-Nitrosodiphenylamine	350	U	3500	350
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	460	U	3500	460

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-WT DL | Lab Sample ID: 460-62968-29 DL

Matrix: Solid | Lab File ID: 112744.D

Analysis Method: 8270C | Date Collected: 09/12/2013 15:25

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/20/2013 13:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.9 | 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-WT DL | Lab Sample ID: 460-62968-29 DL

Matrix: Solid | Lab File ID: 112744.D

Analysis Method: 8270C | Date Collected: 09/12/2013 15:25

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/20/2013 13:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182283 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 484000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
629-59-4	Tetradecane	5.73	39000	D J N
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	6.05	24000	D J N
	Unknown alkane	6.26	64000	D J
829-26-5	Naphthalene, 2,3,6-trimethyl-	6.55	17000	D J N
55045-08-4	Dodecane, 2-methyl-6-propyl-	6.58	16000	D J N
544-76-3	Hexadecane	6.76	79000	D J N
13029-08-8	1,1'-Biphenyl, 2,2'-dichloro-	6.88	41000	D J N
629-78-7	Heptadecane	7.22	41000	D J N
16605-91-7	1,1'-Biphenyl, 2,3-dichloro-	7.28	21000	D J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	7.63	27000	D J N
55702-45-9	1,1'-Biphenyl, 2,3,6-trichloro-	7.78	17000	D J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.03	43000	D J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	8.10	20000	D J N
41464-40-8	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	8.78	16000	D J N
70424-70-3	1,1'-Biphenyl, 2',3,4,5,5'-Pentachloro-	9.24	19000	D J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112744.D		
Lims ID:	460-62968-E-29-B	Client ID:	PMP-24SE-WT
Inject. Date:	20-Sep-2013 13:10:30	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004829-027		
Misc. Info.:			
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	26
Lims Batch ID:	182283	Lims Sample ID:	27
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\8270_12.m		
Last Update:	20-Sep-2013 15:52:55	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 14:34:40

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	305459	40.0	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	1188508	40.0	
36 Naphthalene	128	4.487	4.487	-0.001	52	8979	0.2945	
37 4-Chloroaniline	127	4.622	4.575	0.047	75	33692	2.92	
41 2-Methylnaphthalene	142	5.198	5.198	0.0	73	112540	5.84	
49 1,1'-Biphenyl	154	5.675	5.669	0.006	86	23019	0.9731	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	94	644471	40.0	
70 Fluorene	166	6.757	6.757	0.0	38	42377	2.02	
* 83 Phenanthrene-d10	188	7.663	7.657	0.006	80	1130753	40.0	
90 Pyrene	202	9.051	9.039	0.012	83	9352	0.2887	
* 96 Chrysene-d12	240	10.216	10.222	-0.006	99	983826	40.0	
98 Bis(2-ethylhexyl) phthalate	149	10.327	10.333	-0.006	73	11781	0.5958	
* 103 Perylene-d12	264	11.798	11.804	-0.006	98	1190853	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112744.D		
Lims ID:	460-62968-E-29-B	Client ID:	PMP-24SE-WT
Inject. Date:	20-Sep-2013 13:10:30	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004829-027		
Misc. Info.:			
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	26
Lims Batch ID:	182283	Lims Sample ID:	27
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\8270_12.m		
Last Update:	20-Sep-2013 15:52:55	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 14:34:40

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
	629-59-4 Tetradecane					
5.733	5042774	54.8	61	93	55007	
	54833-48-6 Heptadecane, 2,6,10,15-tetramethyl-					
6.051	3077278	33.4	61	86	115581	
	Unknown alkane					
6.263	8337962	90.6	61	0	0	
	829-26-5 Naphthalene, 2,3,6-trimethyl-					
6.545	2206196	24.0	61	95	36212	
	55045-08-4 Dodecane, 2-methyl-6-propyl-					
6.575	2129380	23.1	61	93	73991	
	544-76-3 Hexadecane					
6.757	10275134	111.7	61	98	73967	
	13029-08-8 1,1'-Biphenyl, 2,2'-dichloro-					
6.880	5370604	58.4	61	99	70596	
	629-78-7 Heptadecane					
7.222	23864223	58.5	83	90	82608	
	16605-91-7 1,1'-Biphenyl, 2,3-dichloro-					
7.275	12056637	29.5	83	99	70592	
	38444-86-9 1,1'-Biphenyl, 2',3,4-trichloro-					
7.627	15413272	37.8	83	96	91793	
	55702-45-9 1,1'-Biphenyl, 2,3,6-trichloro-					
7.780	9740665	23.9	83	98	91783	
	16606-02-3 1,1'-Biphenyl, 2,4',5-trichloro-					
8.033	24811791	60.8	83	99	91788	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
	16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-				
8.098	11738869	28.8	83	98	91798	
	41464-40-8	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-				
8.780	9136156	22.4	83	99	111721	
	70424-70-3	1,1'-Biphenyl, 2',3,4,5,5'-Pentachloro-				
9.239	1860496	27.3	96	98	129498	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	6.216	3680551	40.0
* 83 Phenanthrene-d10	7.657	16324625	40.0
* 96 Chrysene-d12	10.216	2729616	40.0

QC Flag Legend

Processing Flags

Report Date: 20-Sep-2013 15:53:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112744.D		
Injection Date:	20-Sep-2013 13:10:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	27
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
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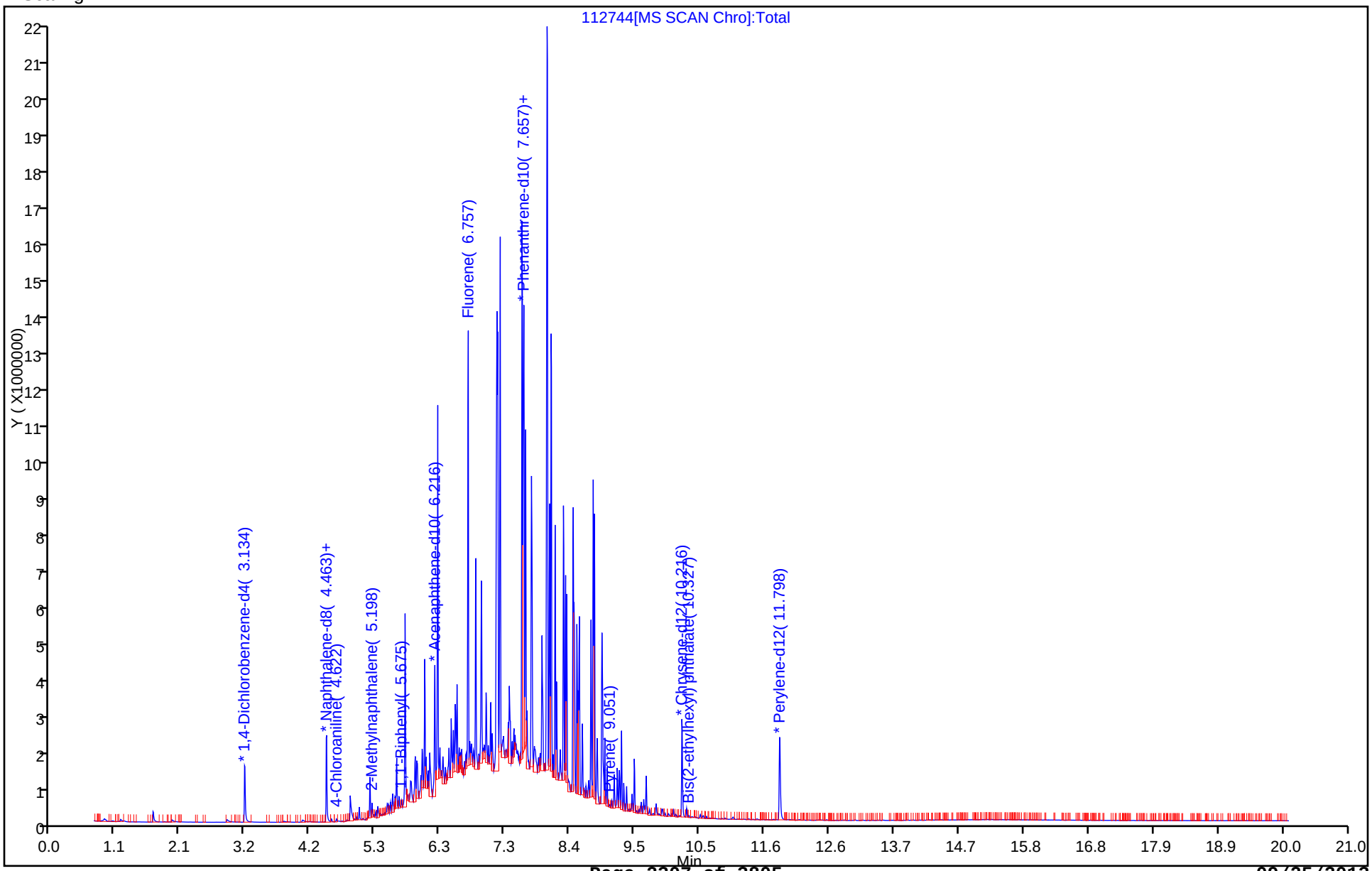

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TestAmerica Edison

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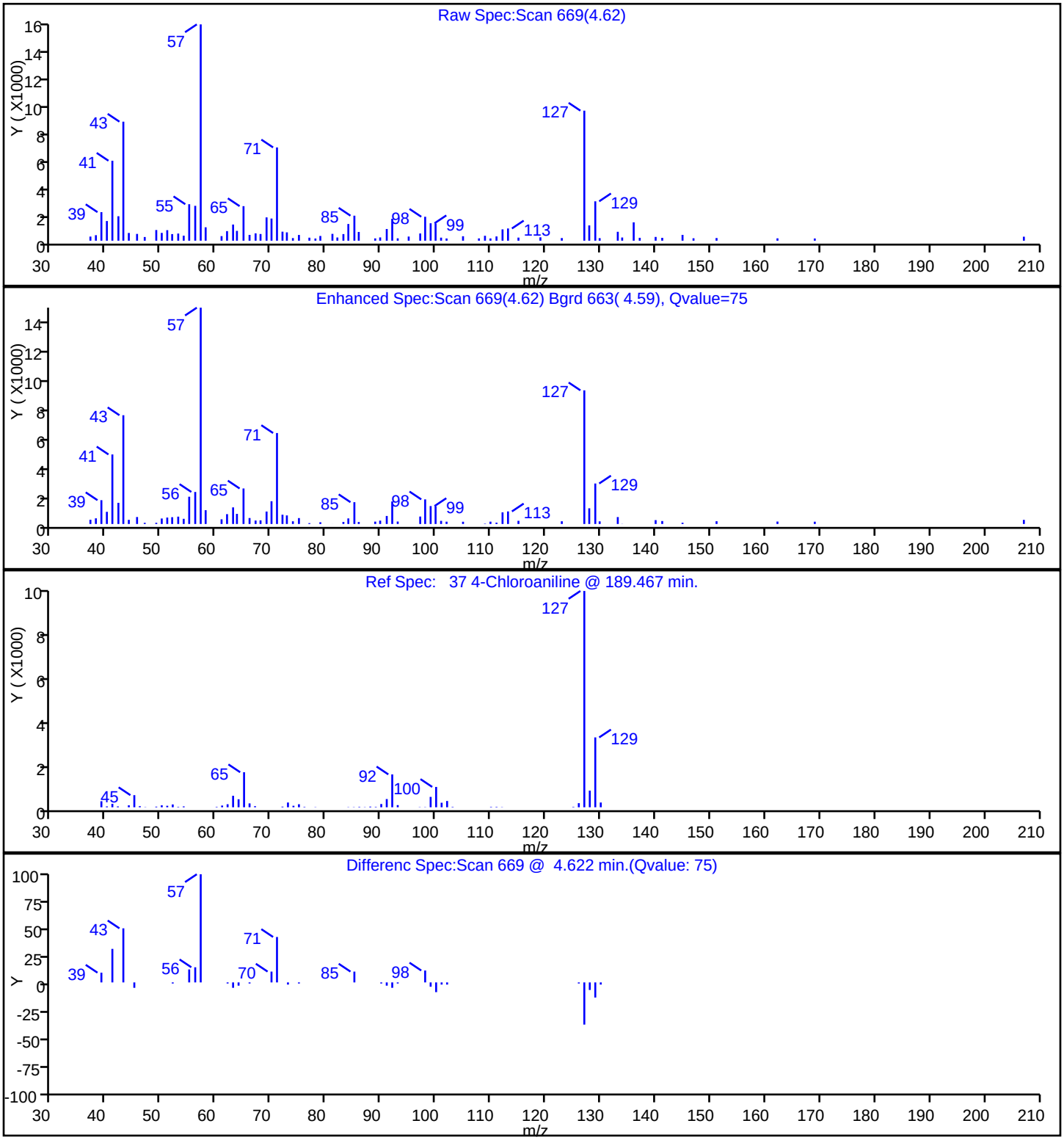
Injection Date:	20-Sep-2013 13:10:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	27
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

37 4-Chloroaniline



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TestAmerica Edison

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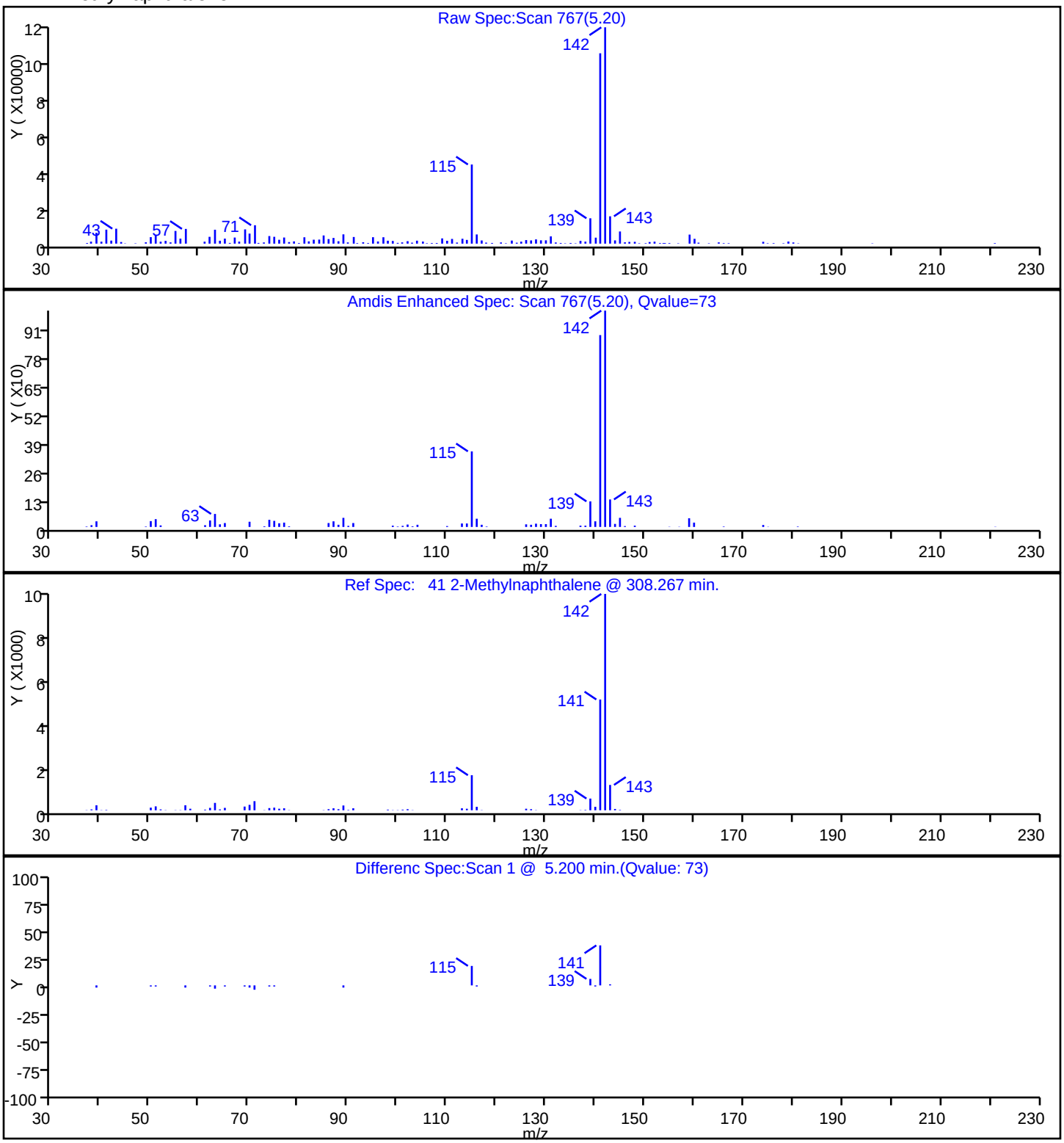
Injection Date:	20-Sep-2013 13:10:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	27
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

41 2-Methylnaphthalene



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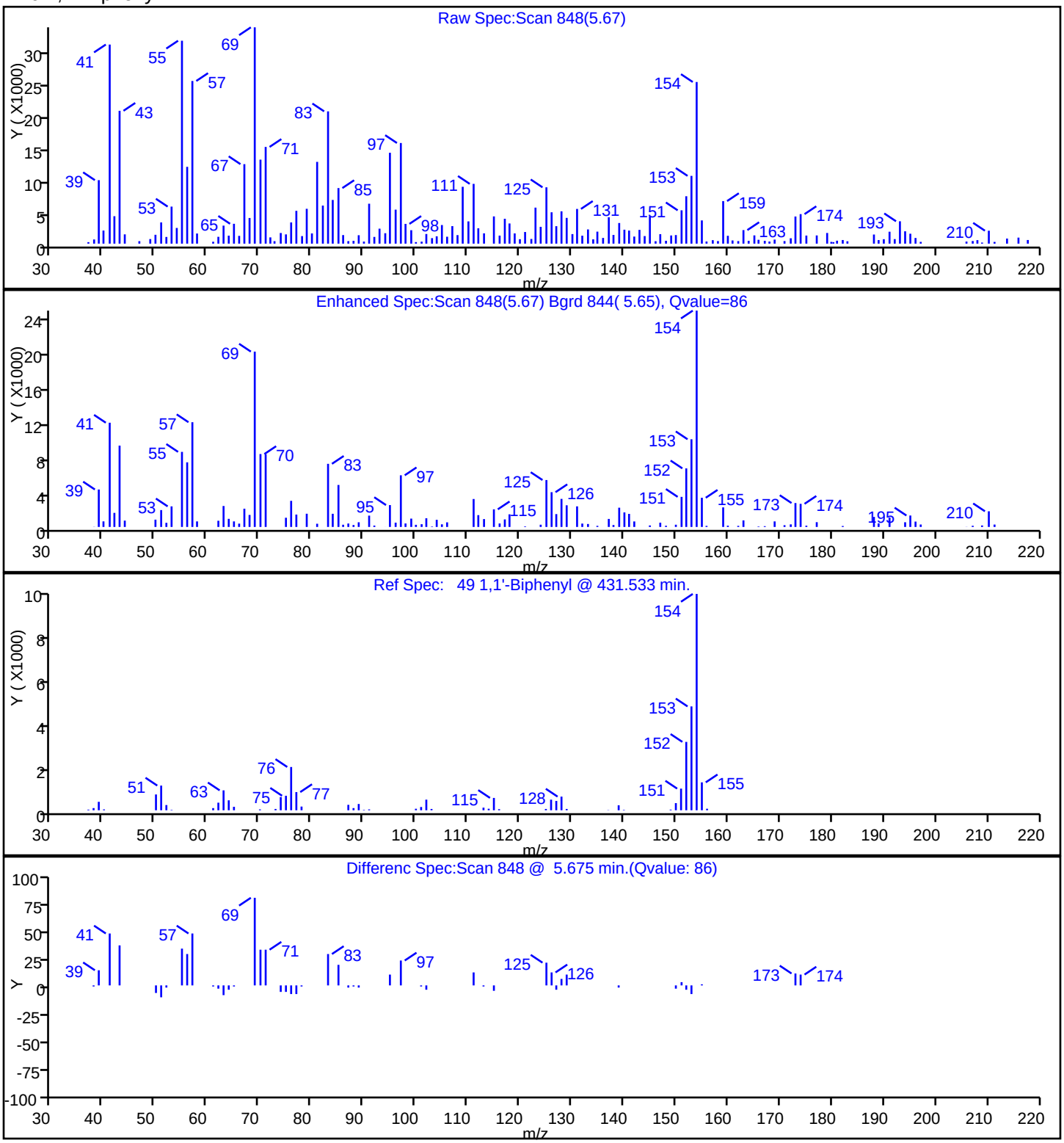
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112744.D

Injection Date:	20-Sep-2013 13:10:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	27
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

49 1,1'-Biphenyl



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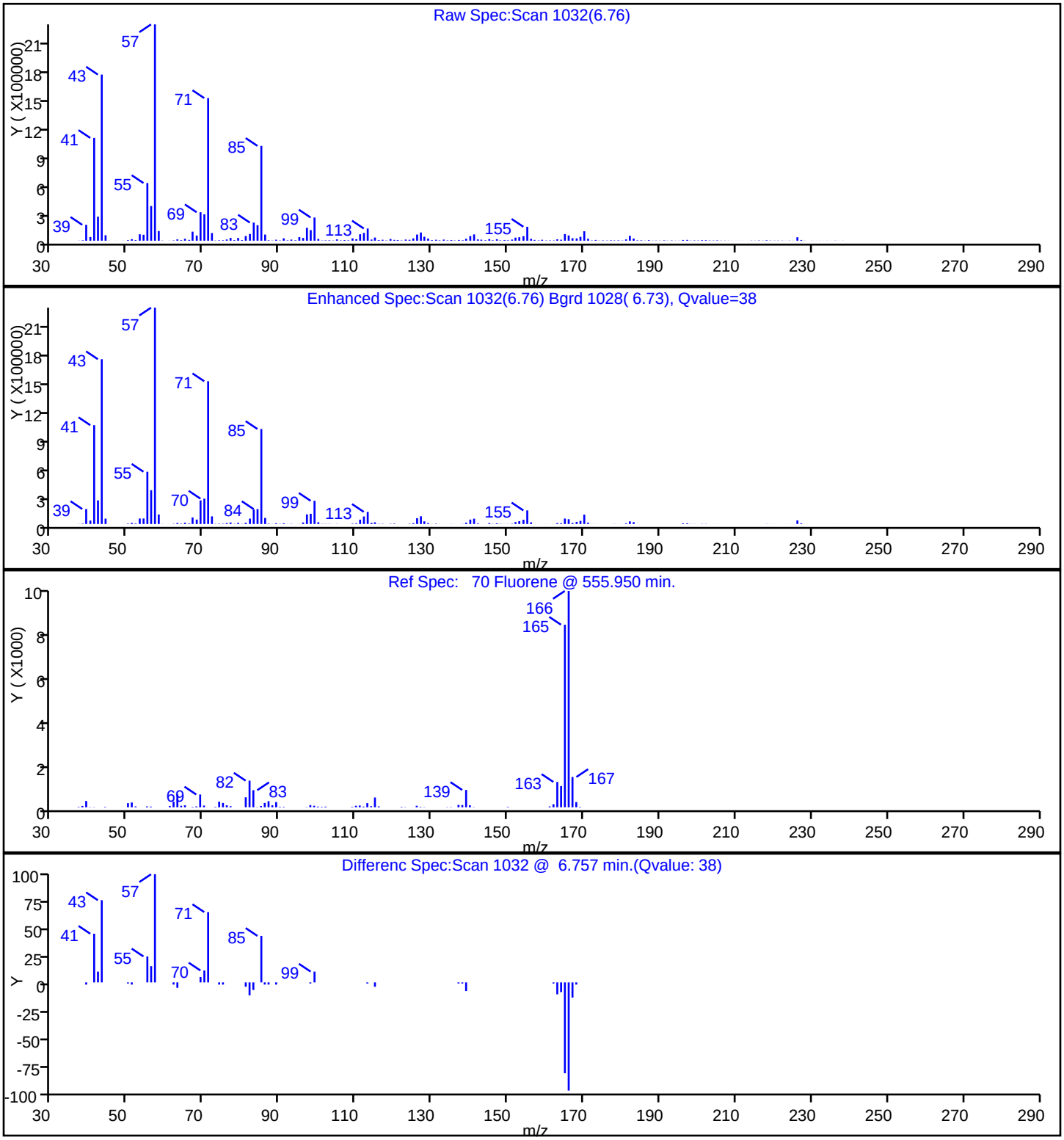
Injection Date:	20-Sep-2013 13:10:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	27
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

70 Fluorene



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TestAmerica Edison

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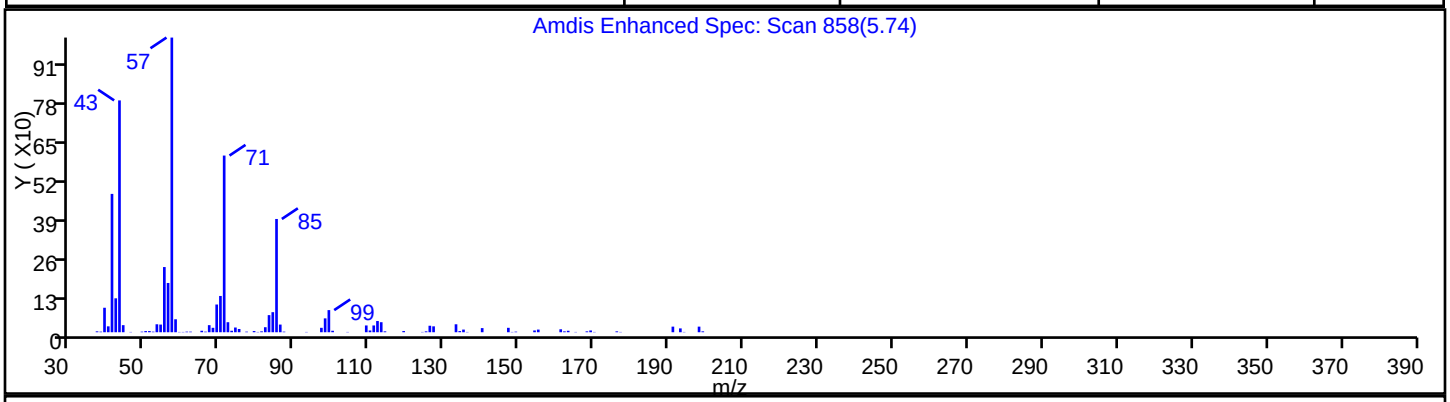
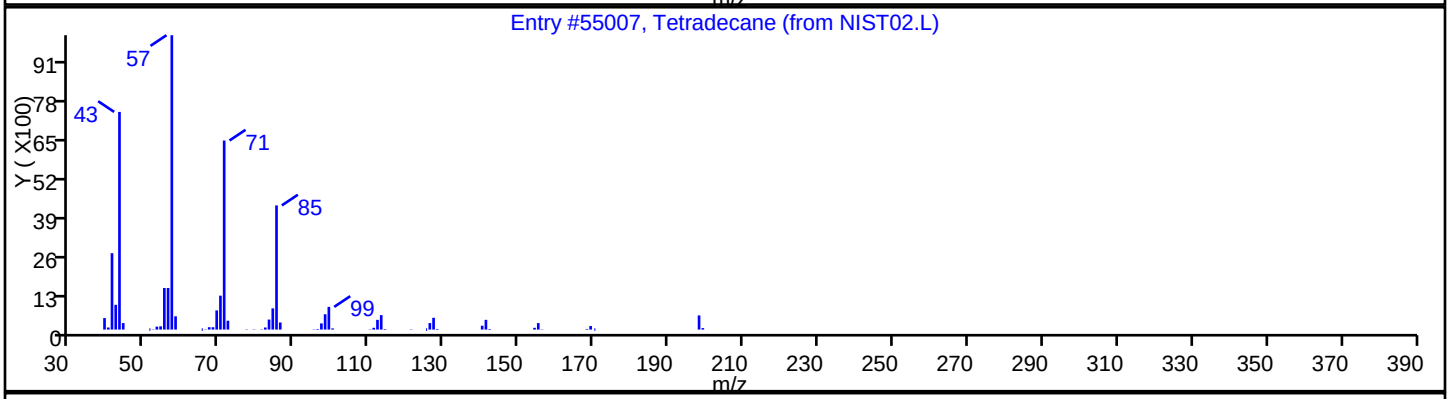
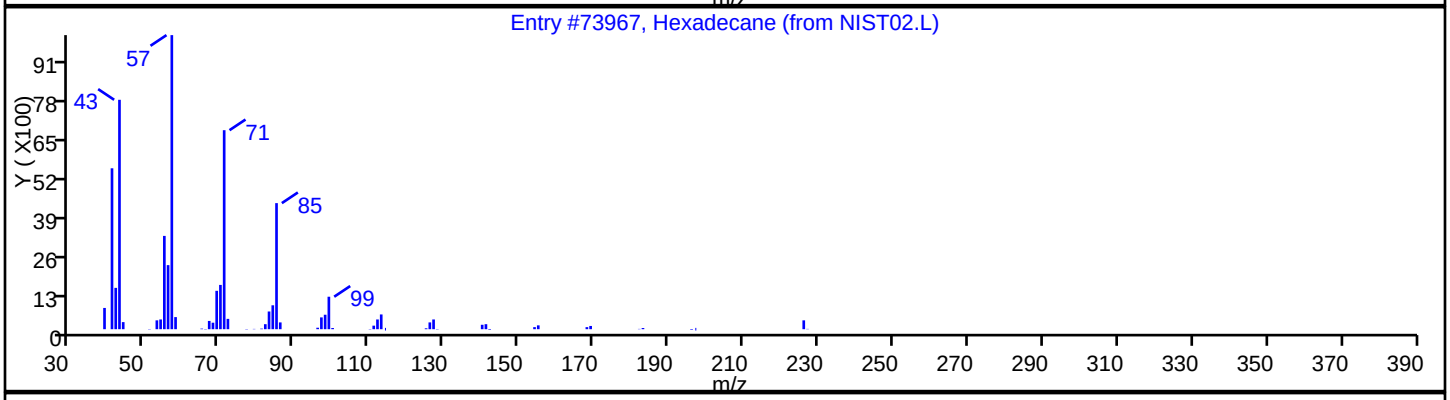
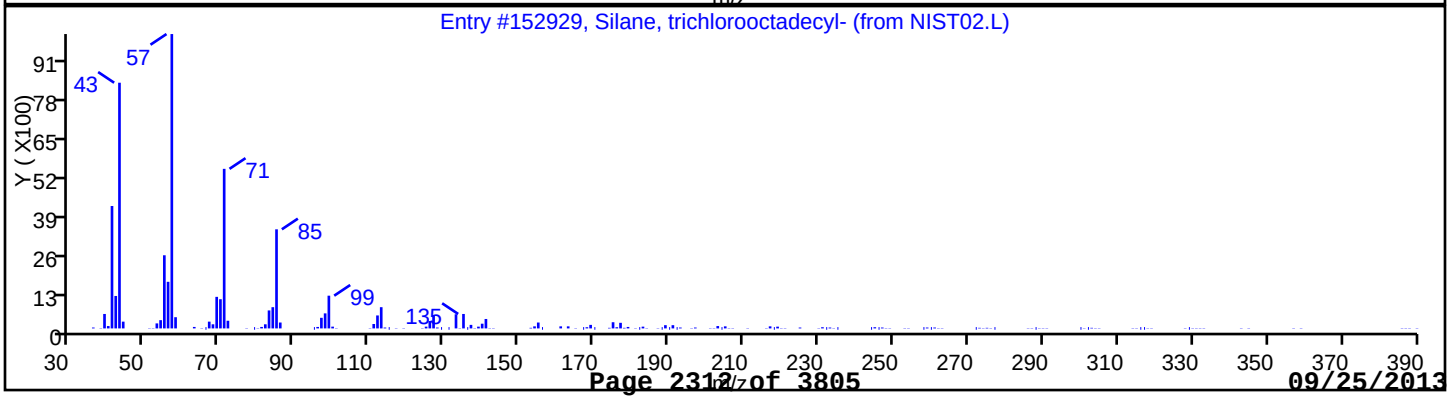
Injection Date:	20-Sep-2013 13:10:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	27
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tetradecane	629-59-4	NIST02.L	55007	93
Hexadecane	544-76-3	NIST02.L	73967	91
Silane, trichlorooctadecyl-	112-04-9	NIST02.L	152929	90









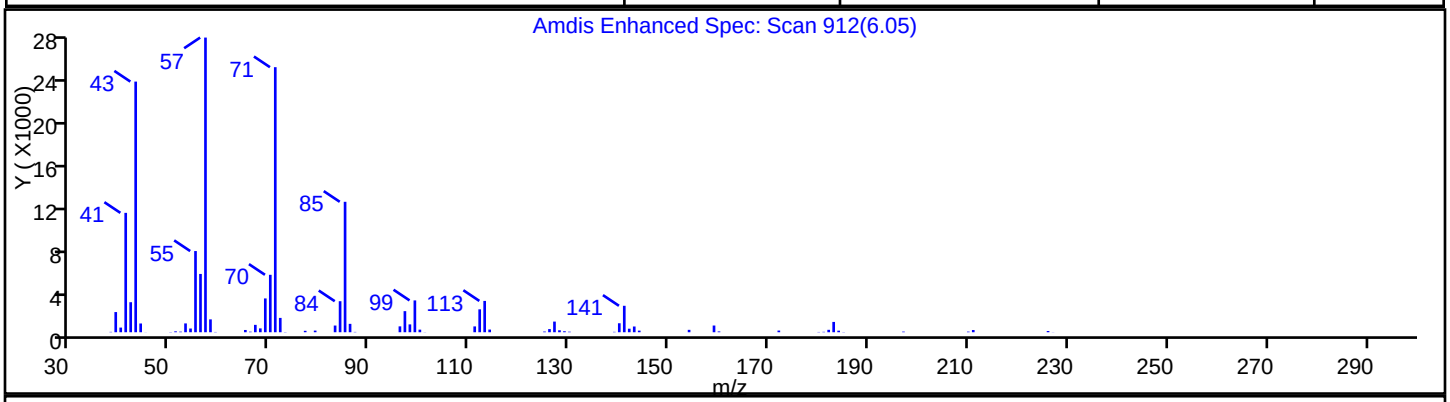
Report Date: 20-Sep-2013 15:53:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

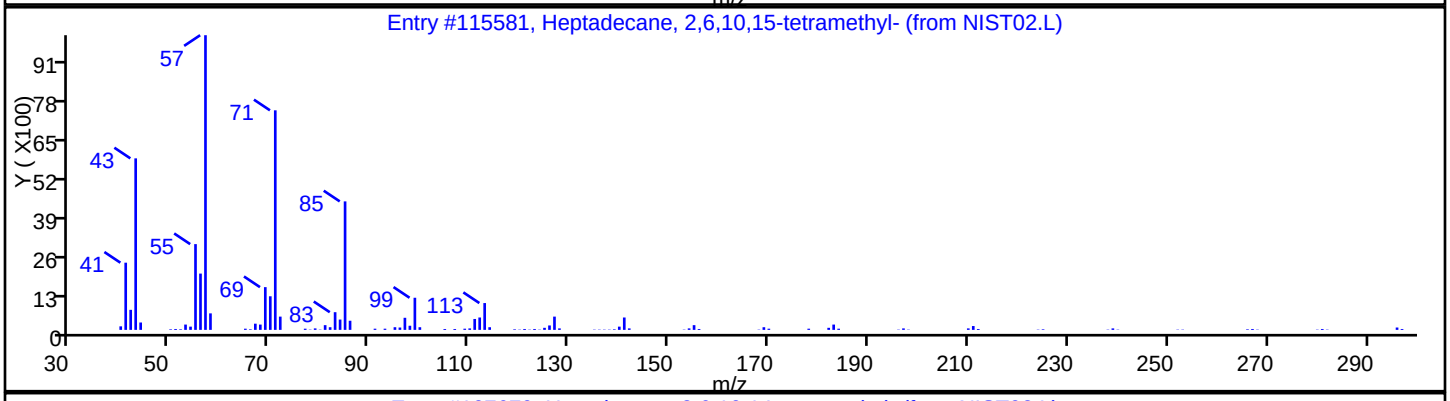
TestAmerica Edison

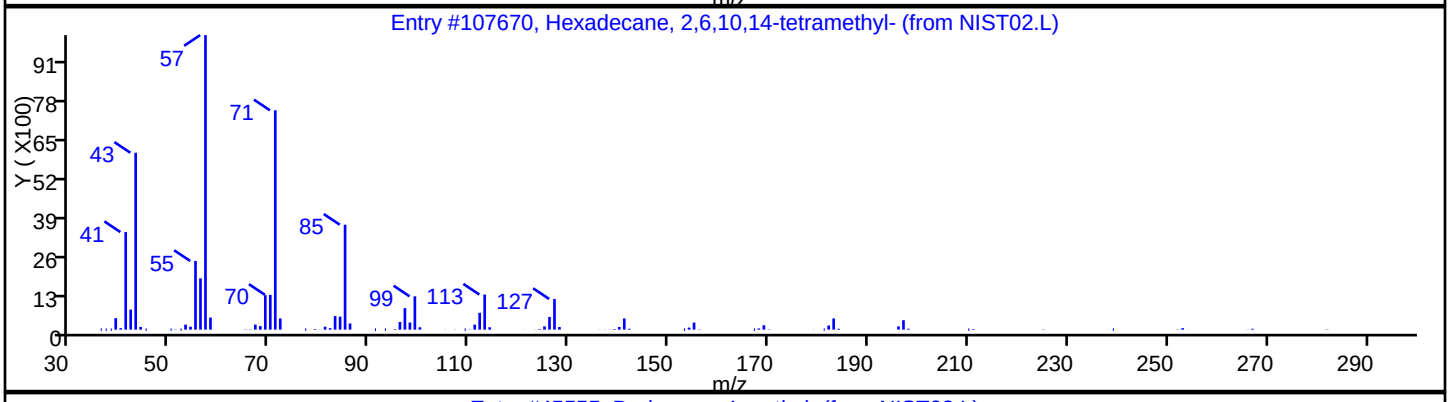
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112744.D

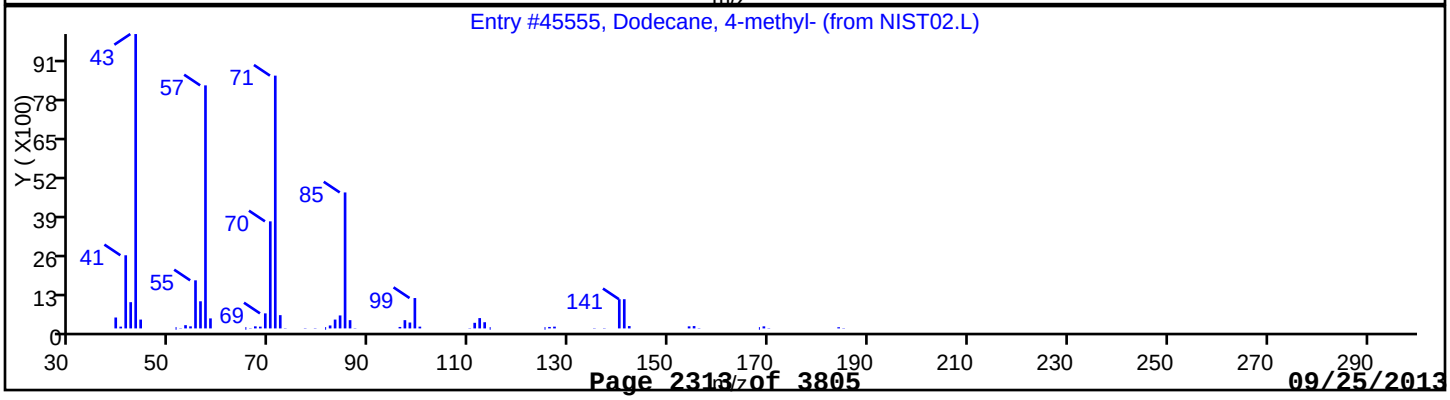
Injection Date:	20-Sep-2013 13:10:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	27
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	86
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	86
Dodecane, 4-methyl-	6117-97-1	NIST02.L	45555	76









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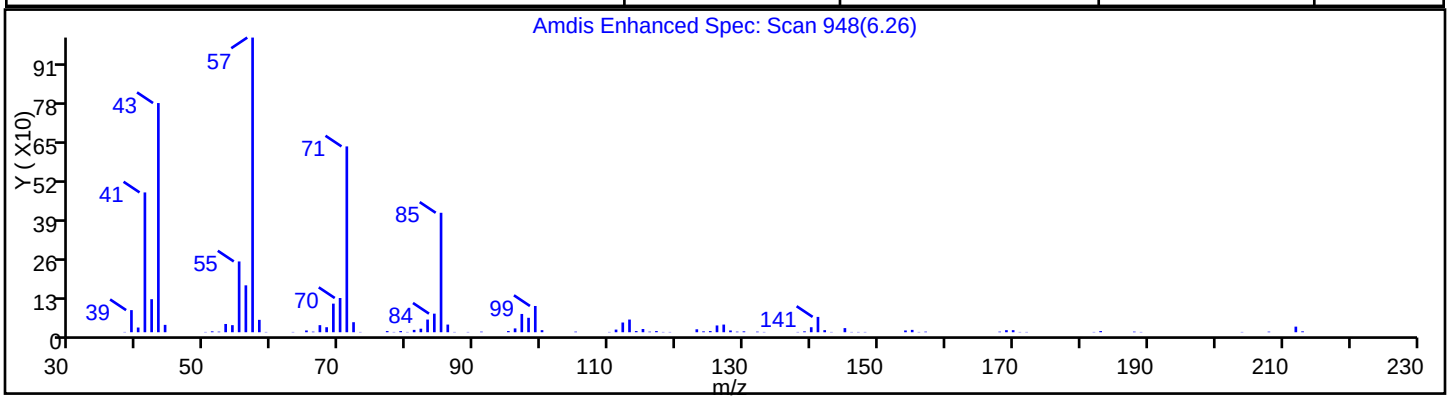
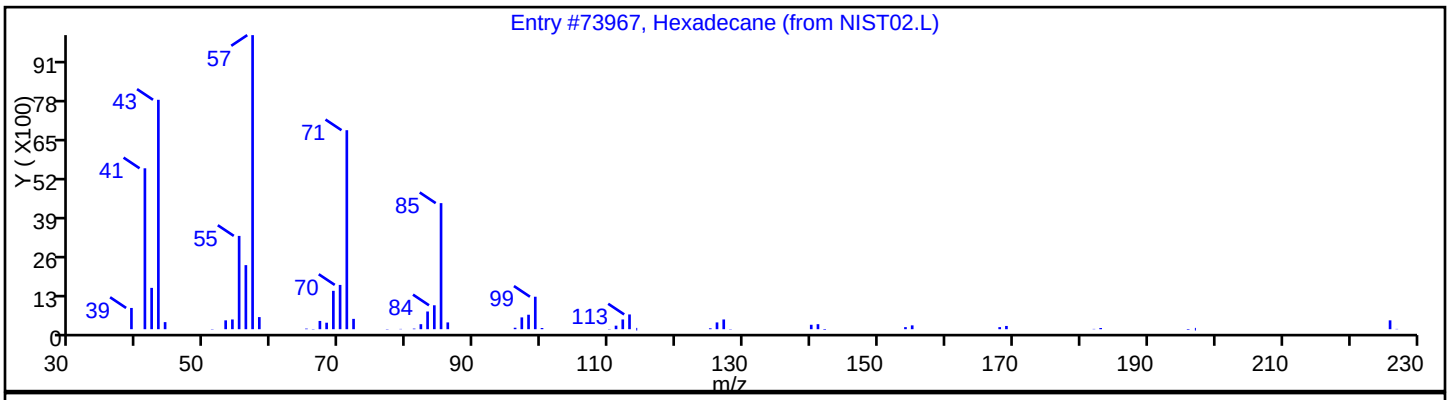
TestAmerica Edison

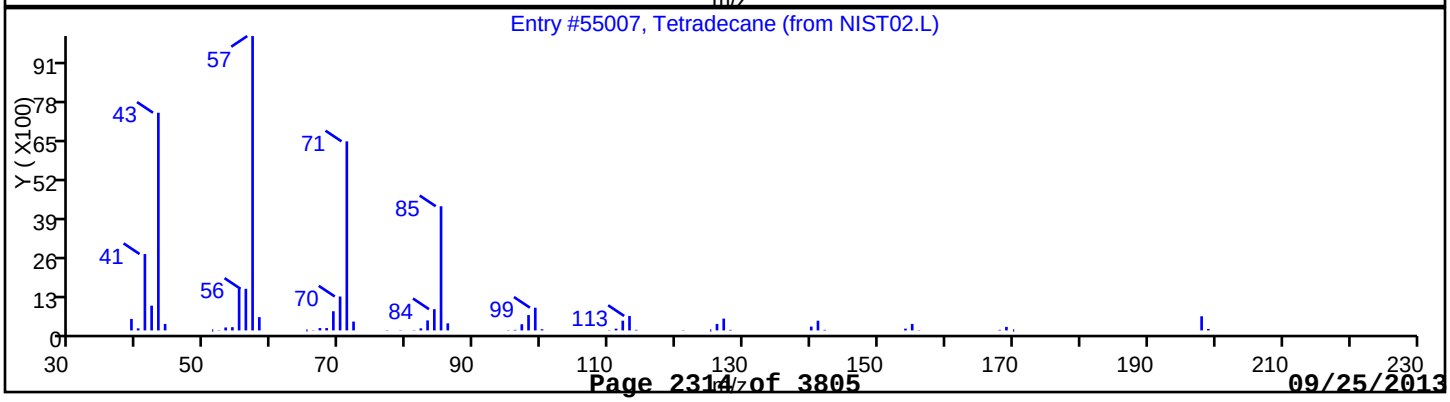
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112744.D

Injection Date:	20-Sep-2013 13:10:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	27
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
Hexadecane	544-76-3	NIST02.L	73967	91
Tetradecane	629-59-4	NIST02.L	55007	90







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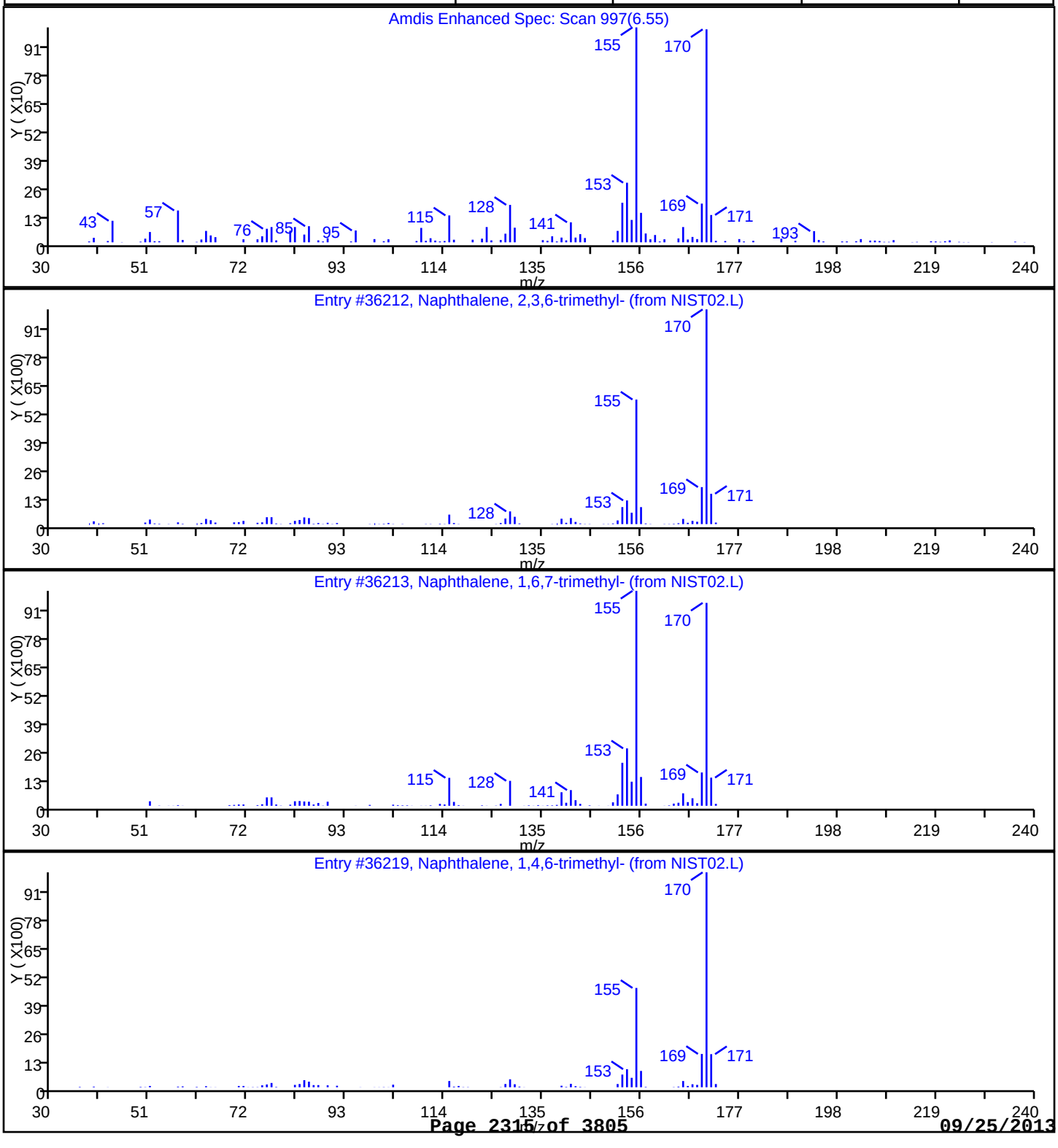
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112744.D

Injection Date:	20-Sep-2013 13:10:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	27
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	95
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36213	94
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.L	36219	94



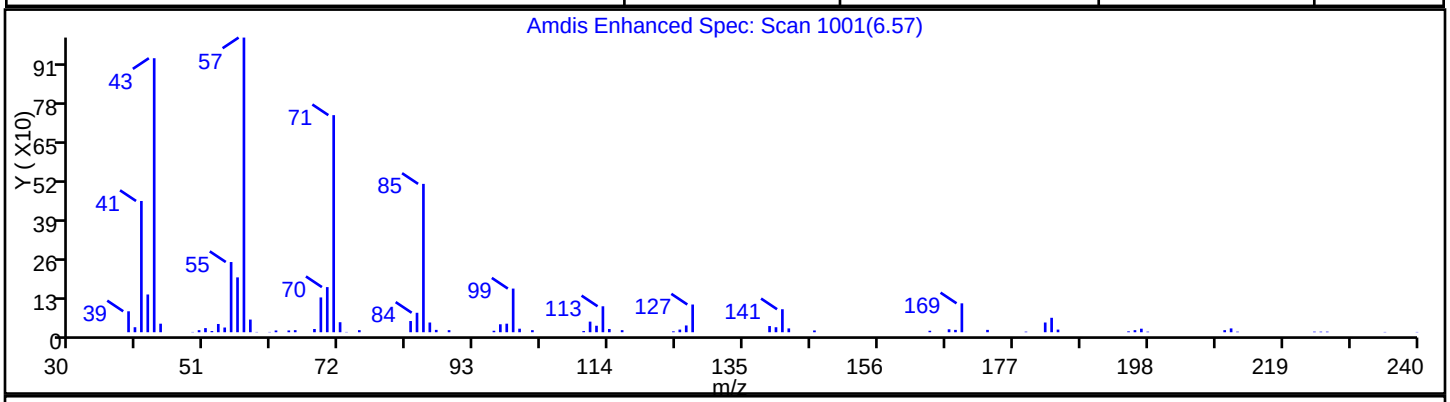
Report Date: 20-Sep-2013 15:53:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

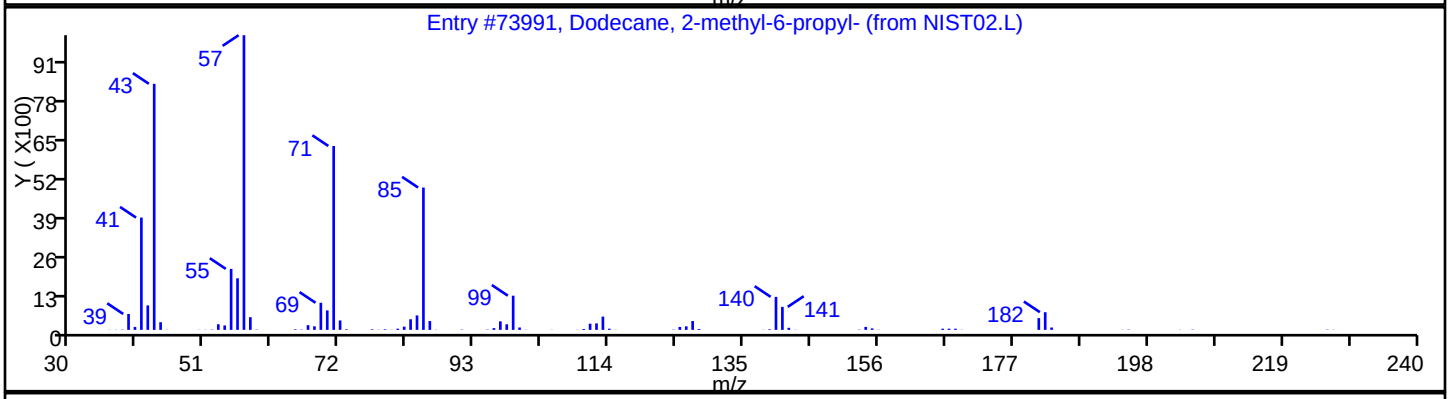
TestAmerica Edison

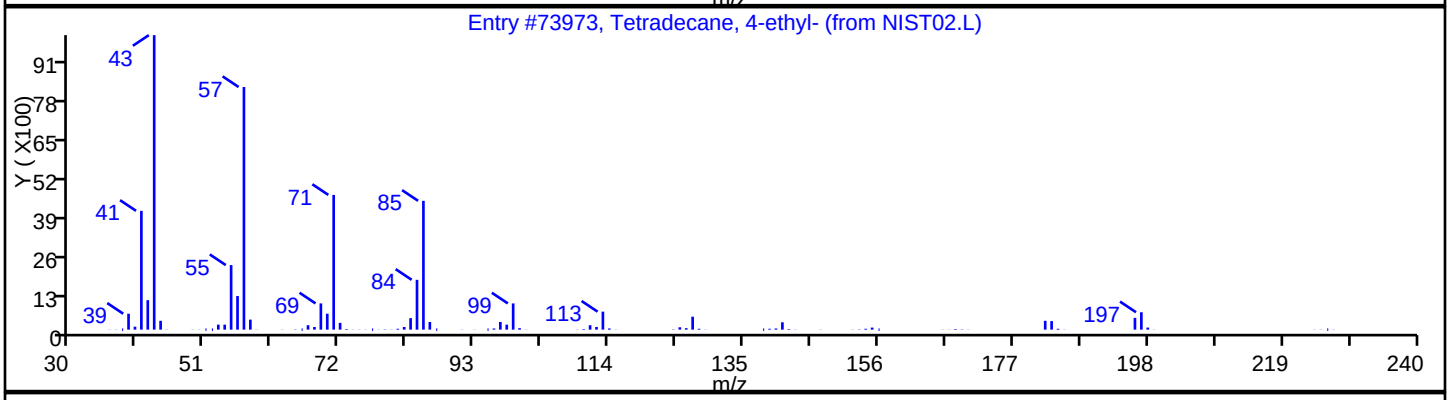
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112744.D

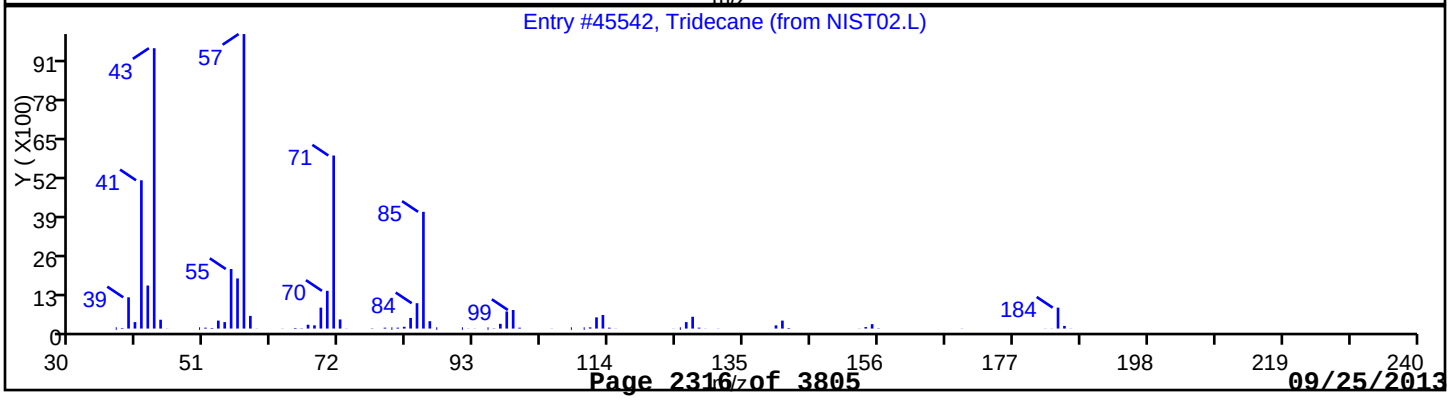
Injection Date:	20-Sep-2013 13:10:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	27
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Dodecane, 2-methyl-6-propyl-	55045-08-4	NIST02.L	73991	93
Tetradecane, 4-ethyl-	55045-14-2	NIST02.L	73973	90
Tridecane	629-50-5	NIST02.L	45542	87









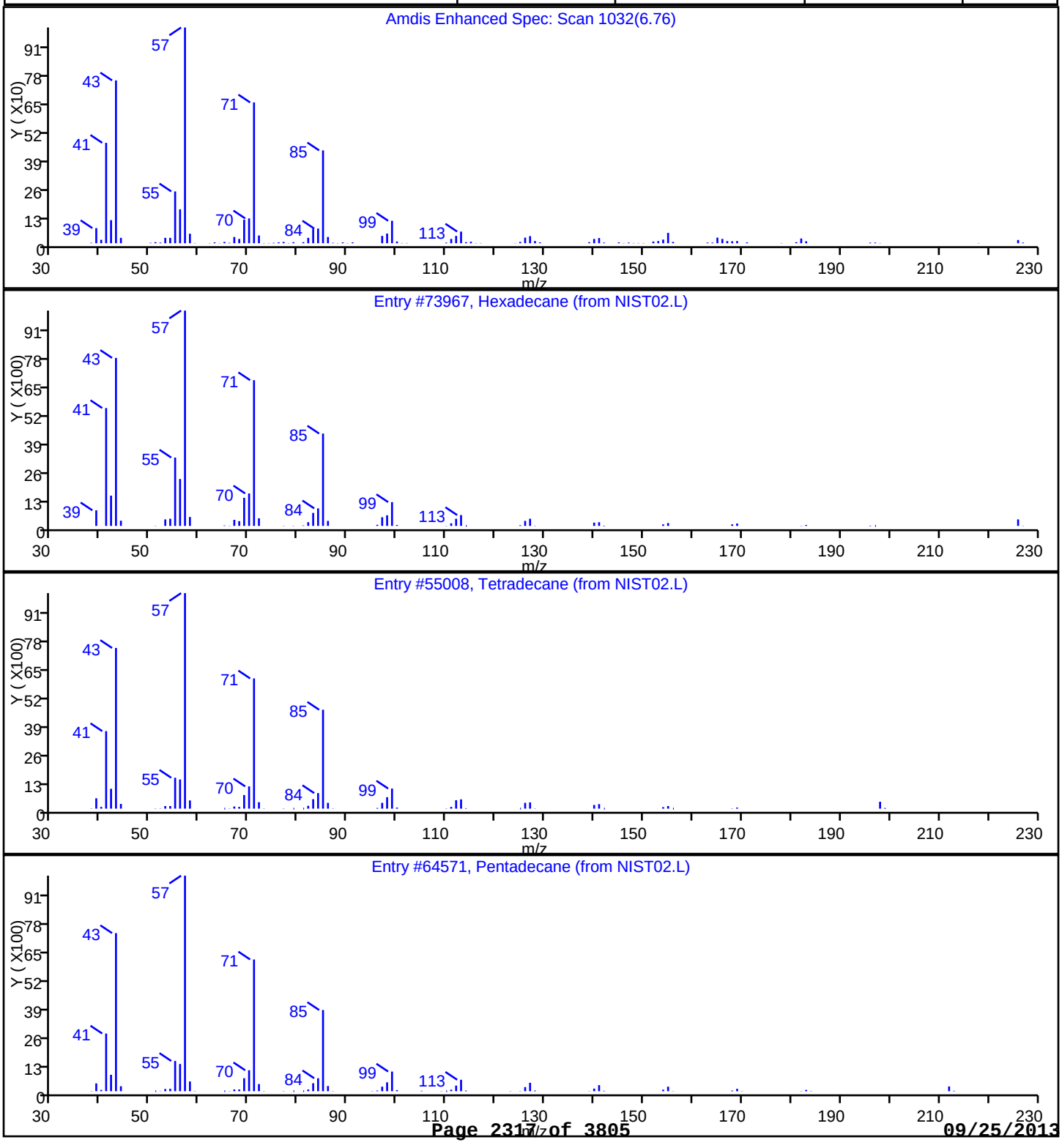
Report Date: 20-Sep-2013 15:53:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112744.D

Injection Date:	20-Sep-2013 13:10:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	27
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	98
Tetradecane	629-59-4	NIST02.L	55008	91
Pentadecane	629-62-9	NIST02.L	64571	90



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TestAmerica Edison

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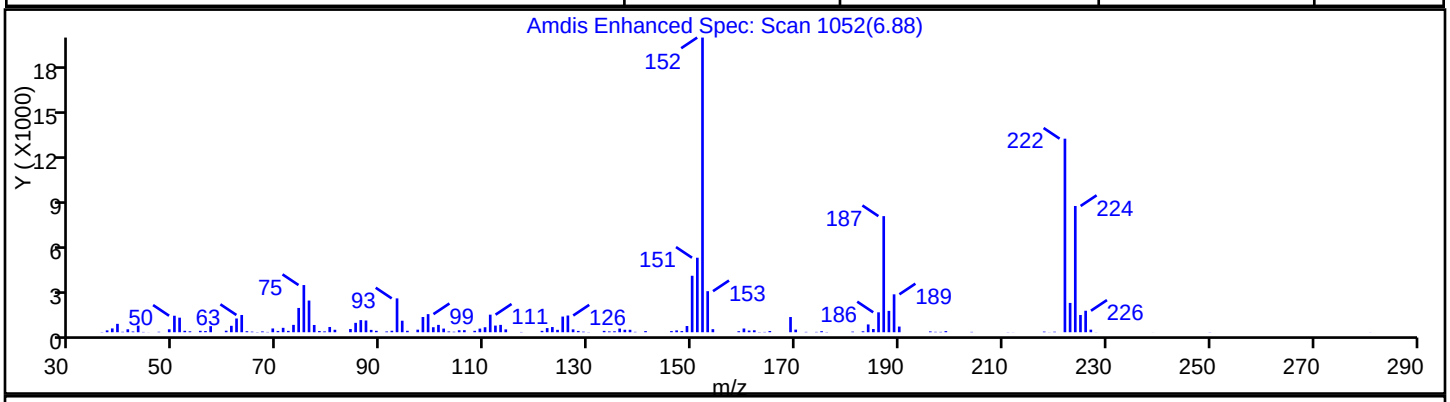
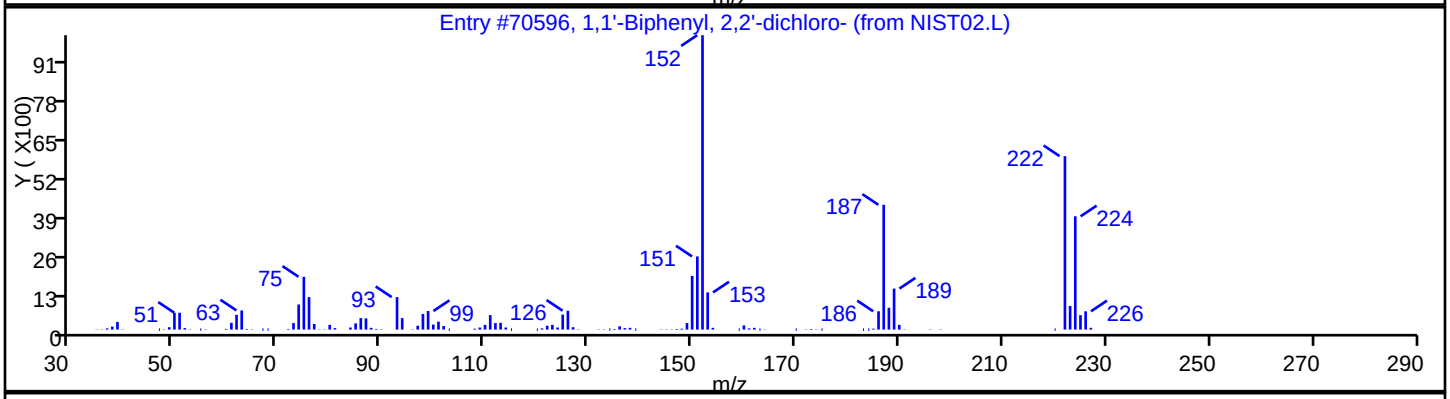
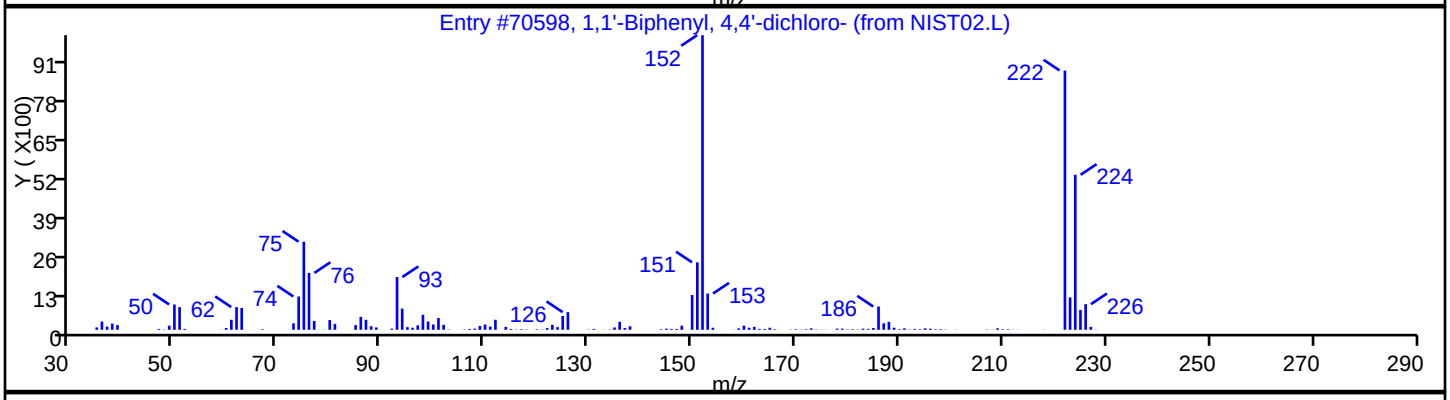
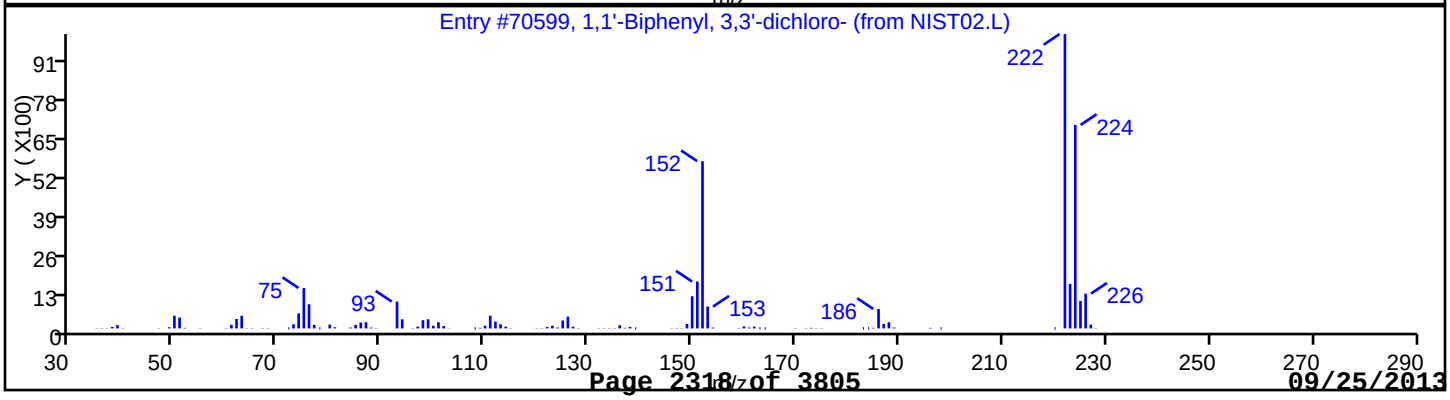
Injection Date:	20-Sep-2013 13:10:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	27
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.L	70596	99
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.L	70598	98
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.L	70599	97









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TestAmerica Edison

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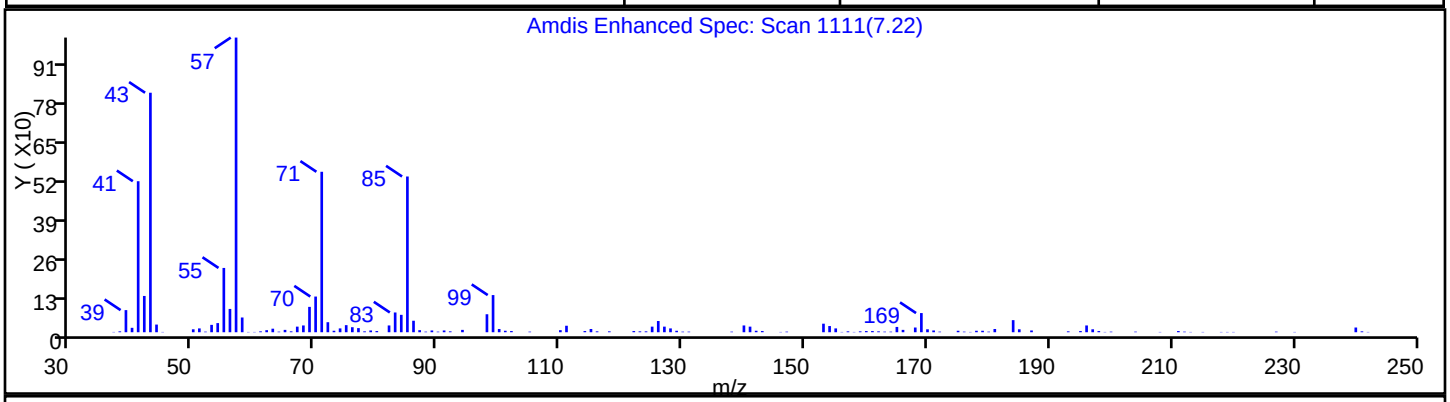
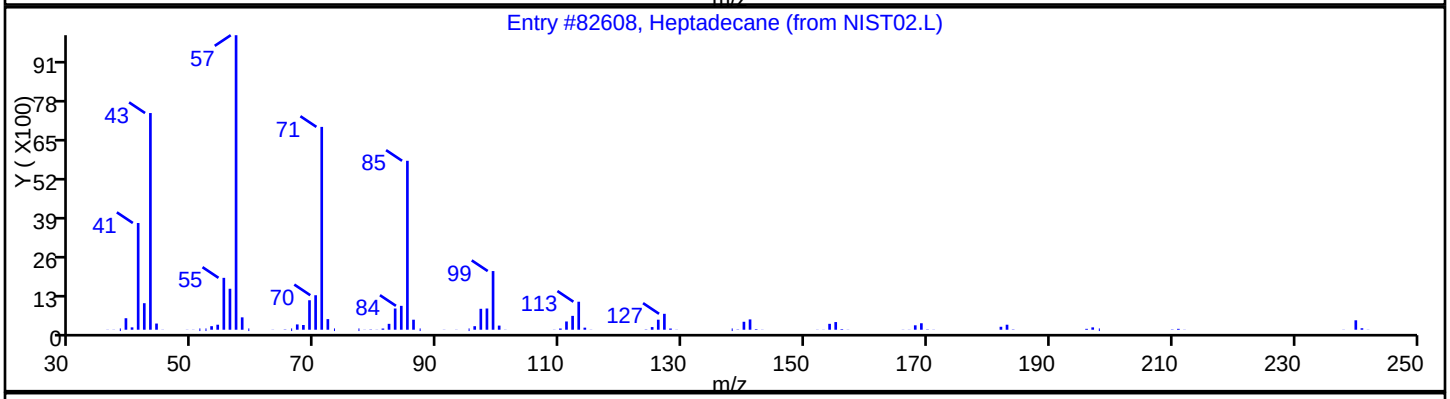
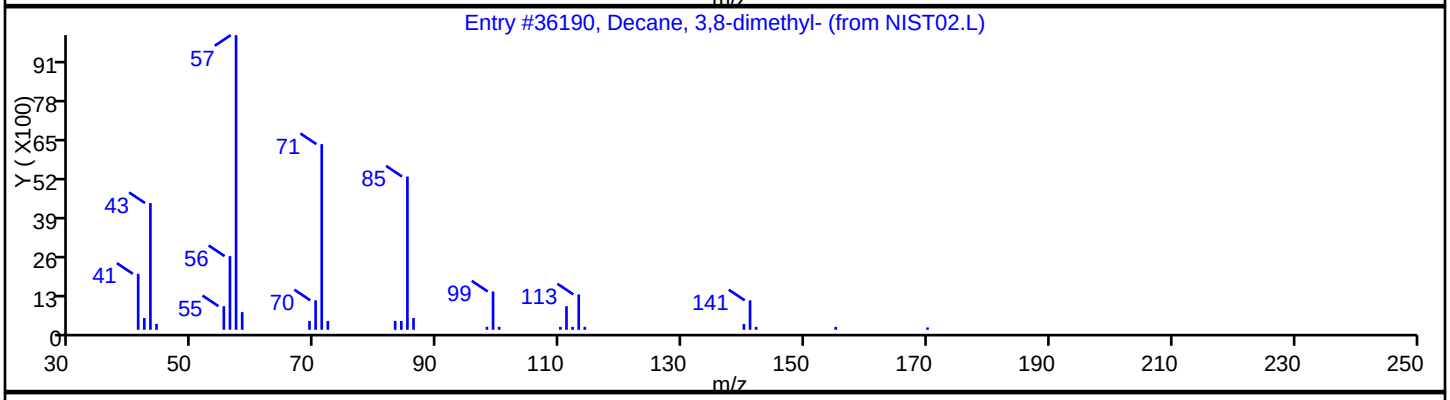
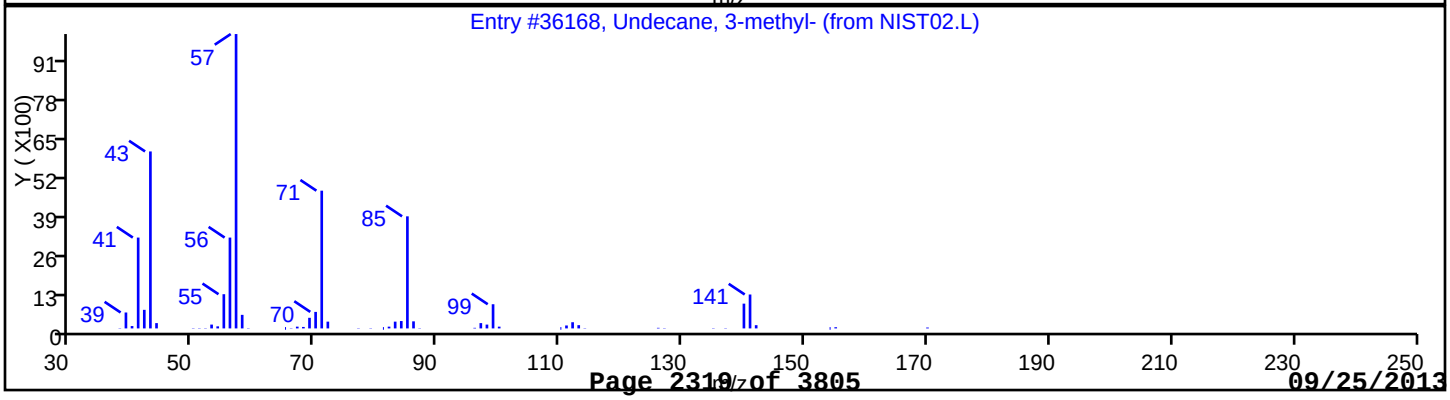
Injection Date:	20-Sep-2013 13:10:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	27
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Heptadecane	629-78-7	NIST02.L	82608	90
Decane, 3,8-dimethyl-	17312-55-9	NIST02.L	36190	81
Undecane, 3-methyl-	1002-43-3	NIST02.L	36168	72









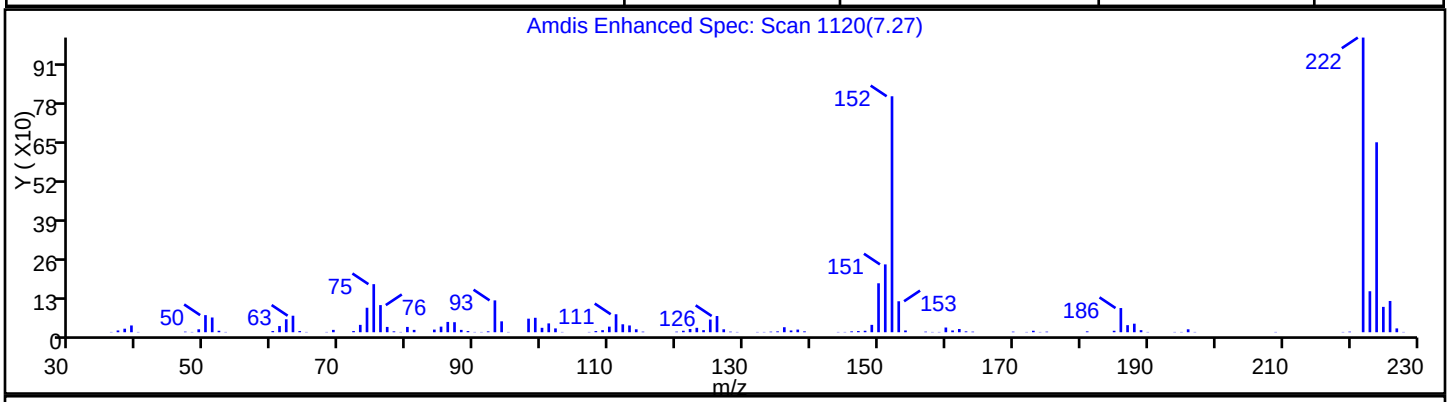
Report Date: 20-Sep-2013 15:53:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

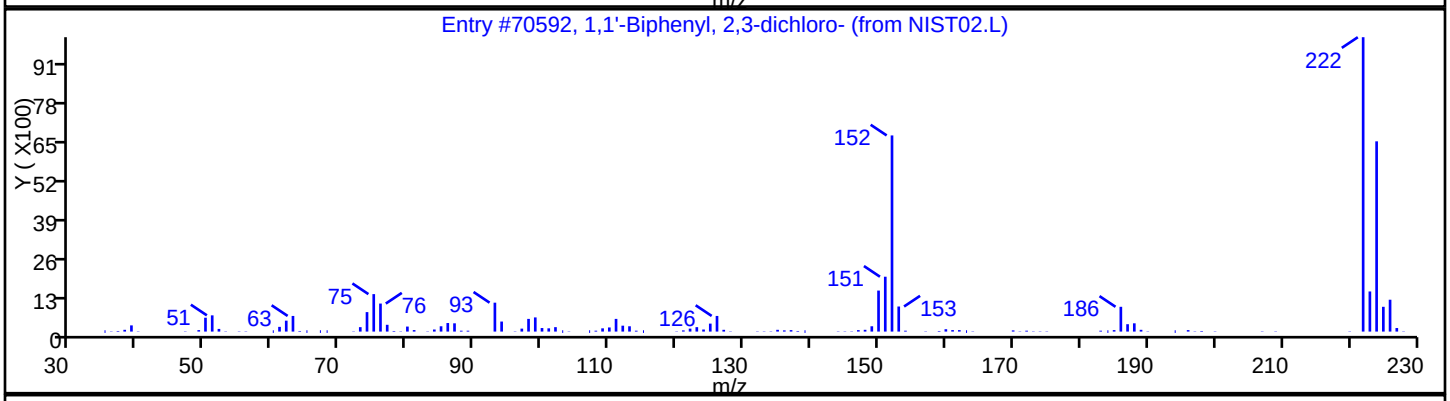
TestAmerica Edison

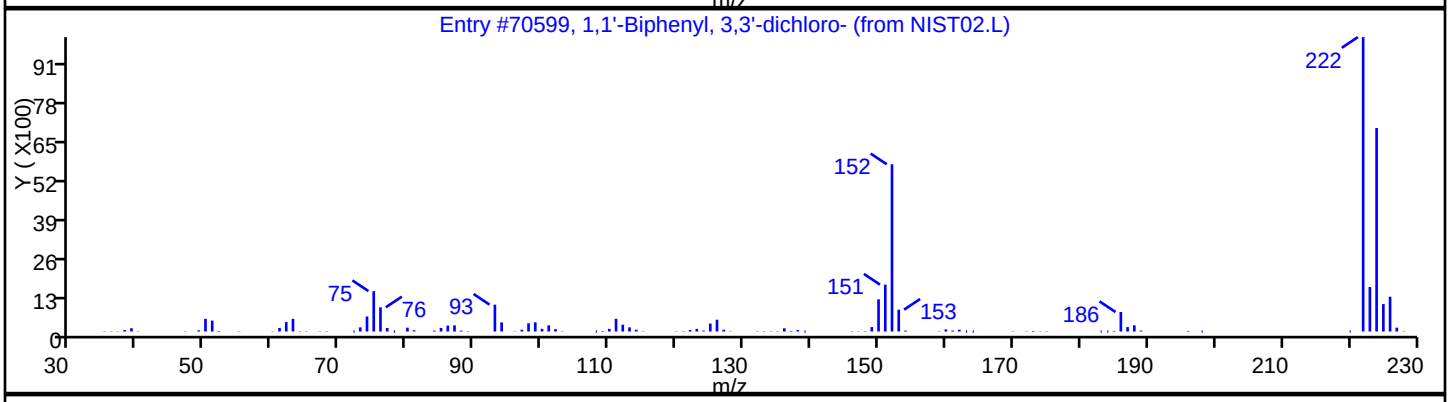
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112744.D

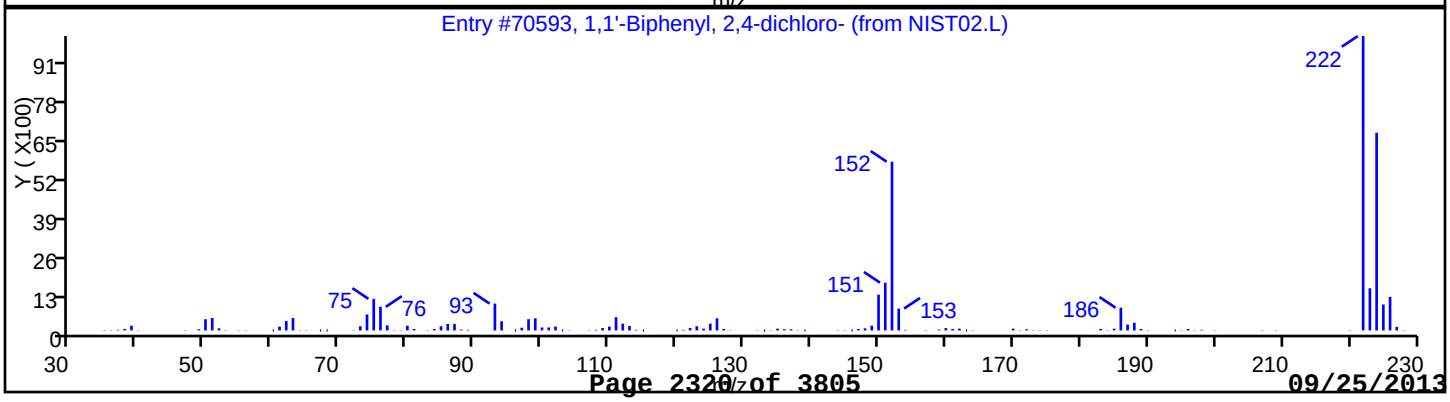
Injection Date:	20-Sep-2013 13:10:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	27
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.L	70592	99
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.L	70599	99
1,1'-Biphenyl, 2,4-dichloro-	33284-50-3	NIST02.L	70593	98









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TestAmerica Edison

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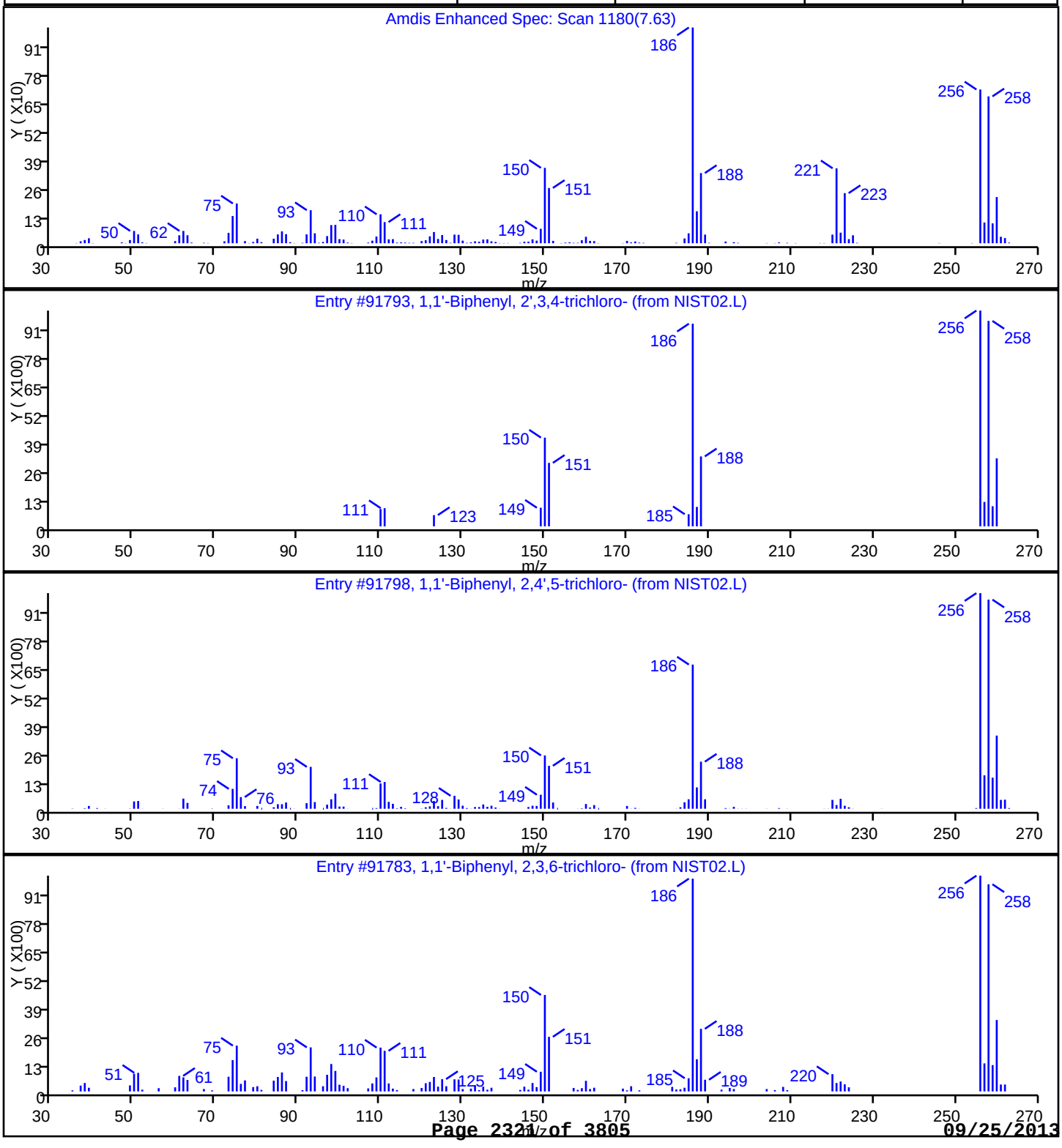
Injection Date:	20-Sep-2013 13:10:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	27
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	96
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	96
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.L	91783	96



Report Date: 20-Sep-2013 15:53:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

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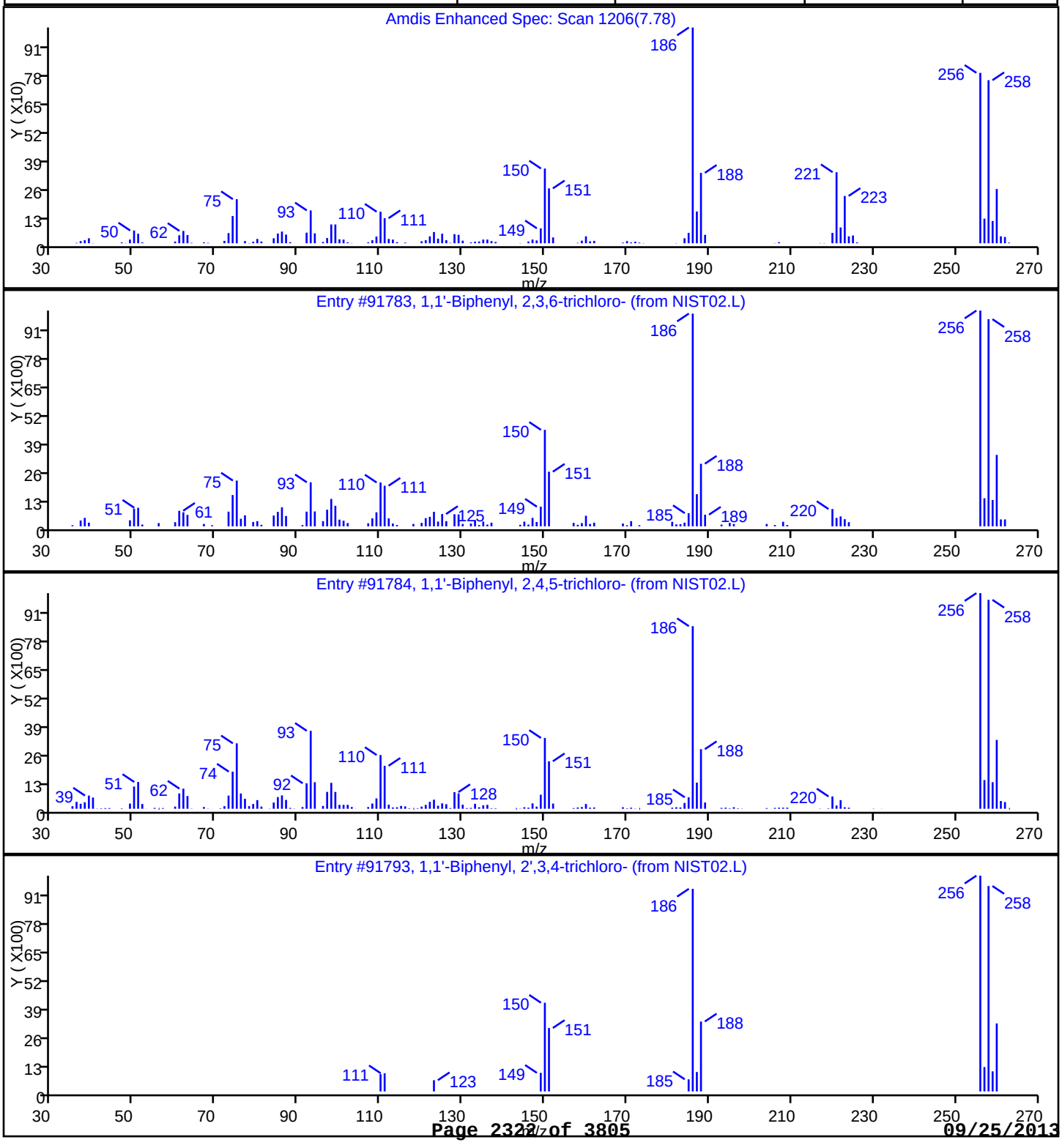
Injection Date:	20-Sep-2013 13:10:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	27
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.L	91783	98
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	98
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	98



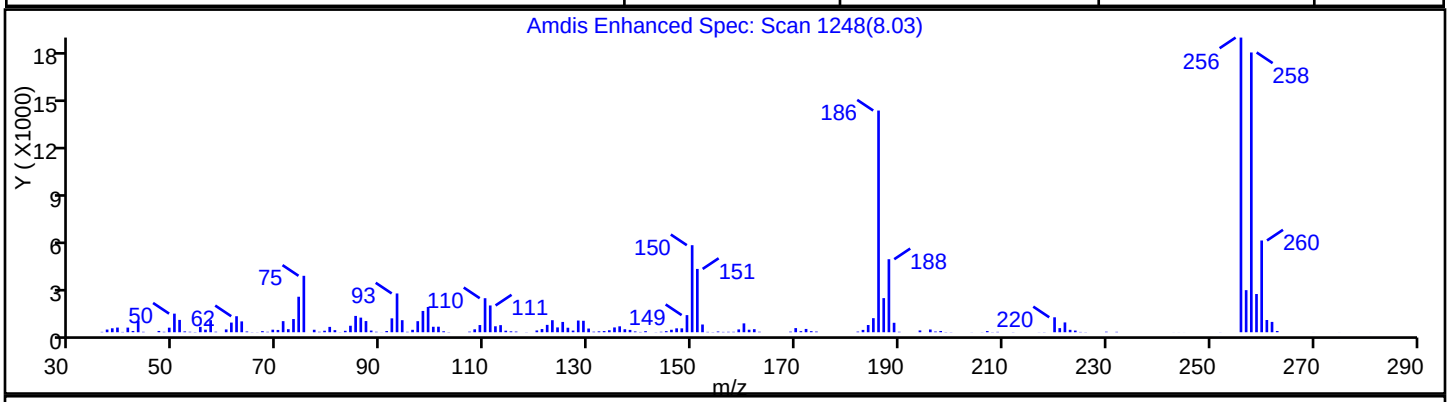
Report Date: 20-Sep-2013 15:53:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

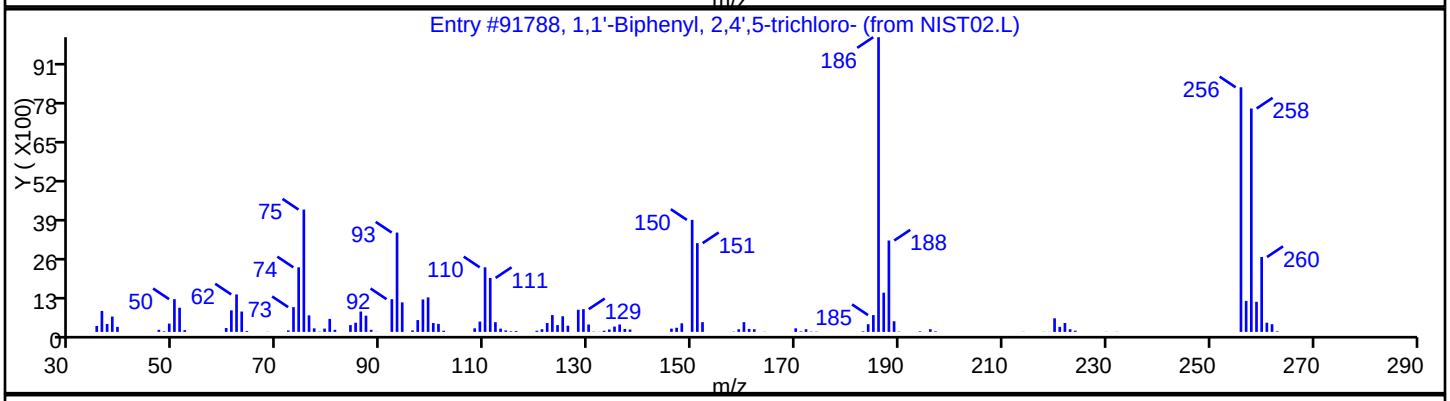
TestAmerica Edison

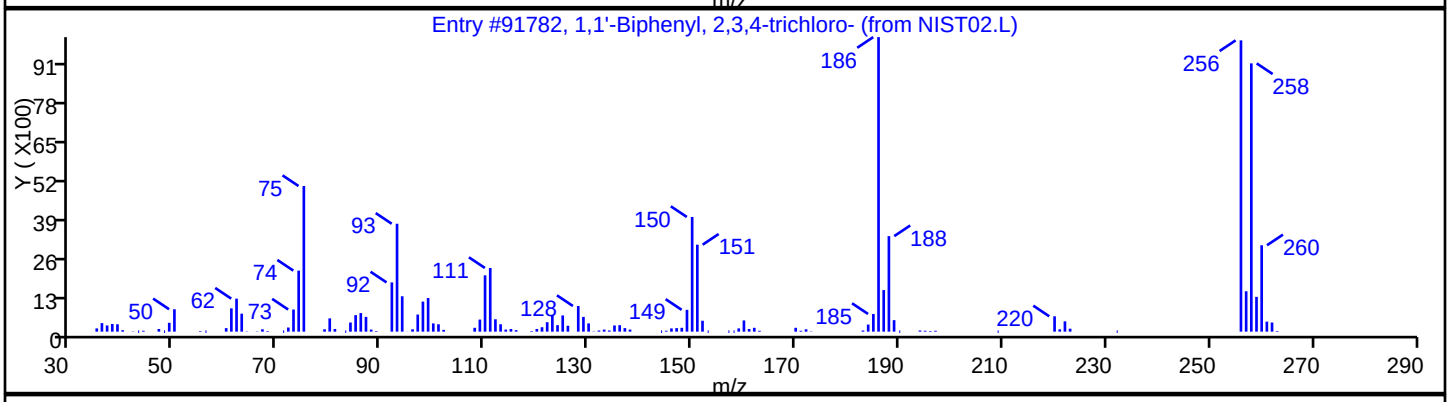
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112744.D

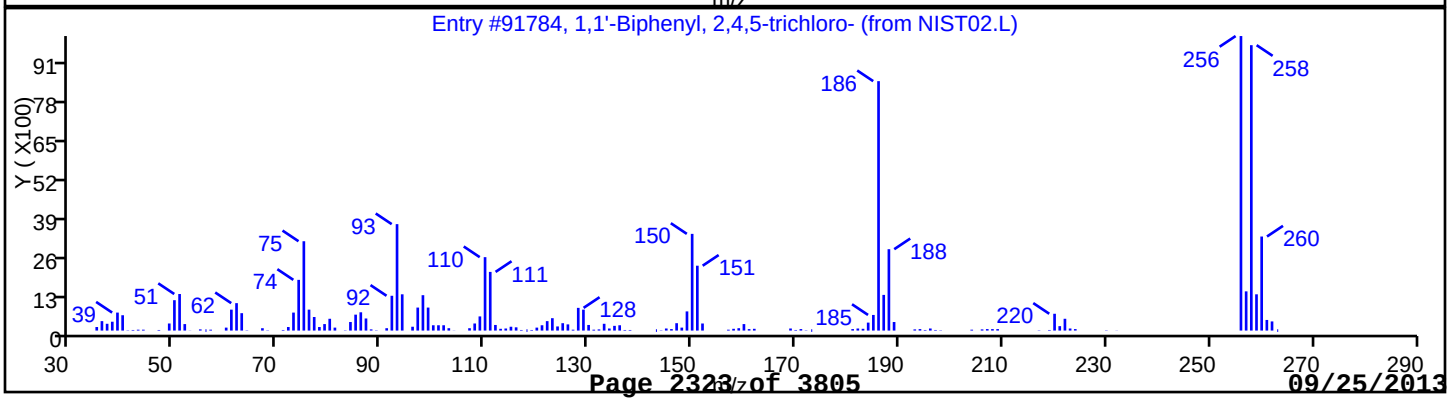
Injection Date:	20-Sep-2013 13:10:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	27
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	99
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	98









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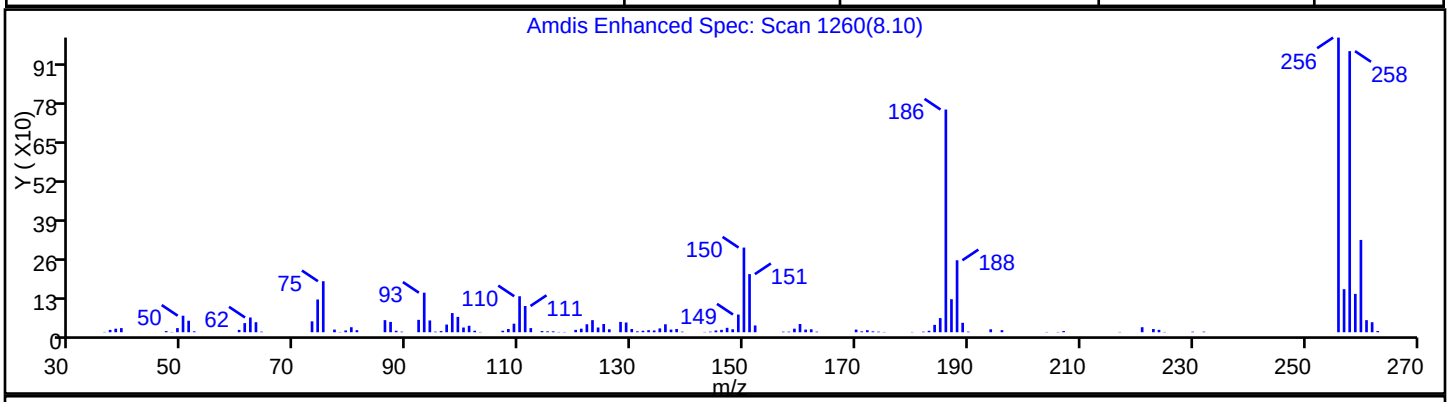
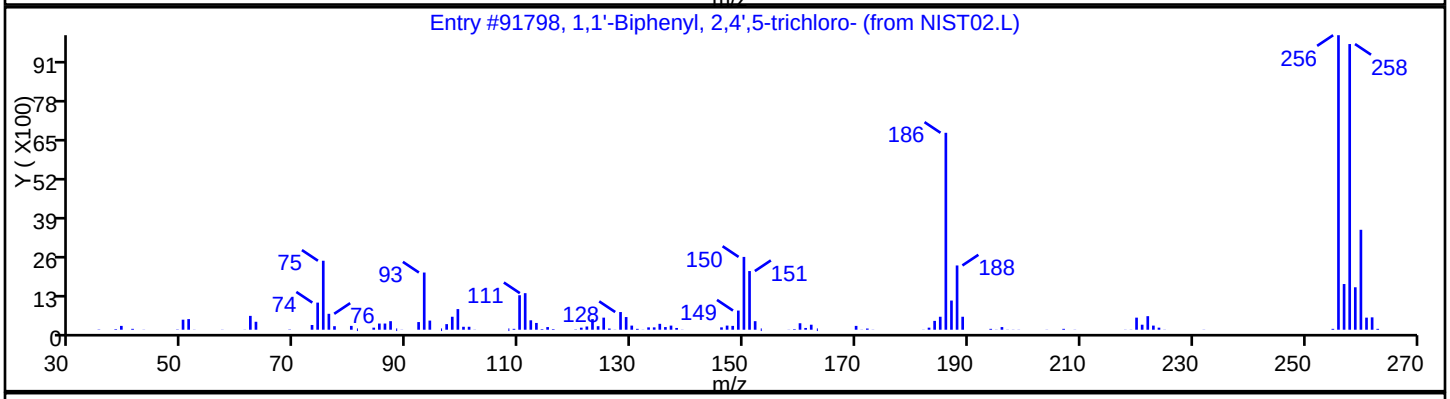
TestAmerica Edison

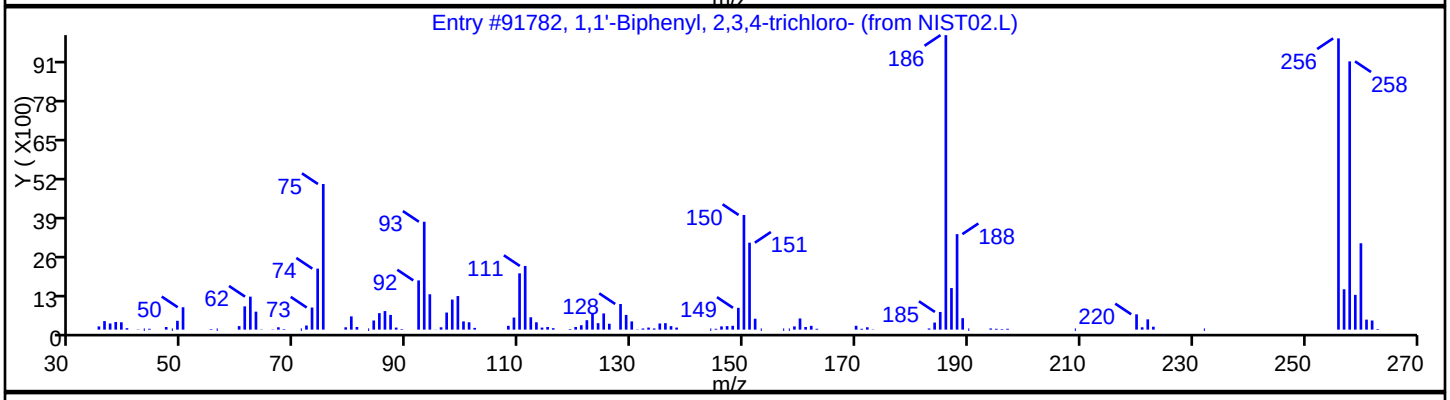
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112744.D

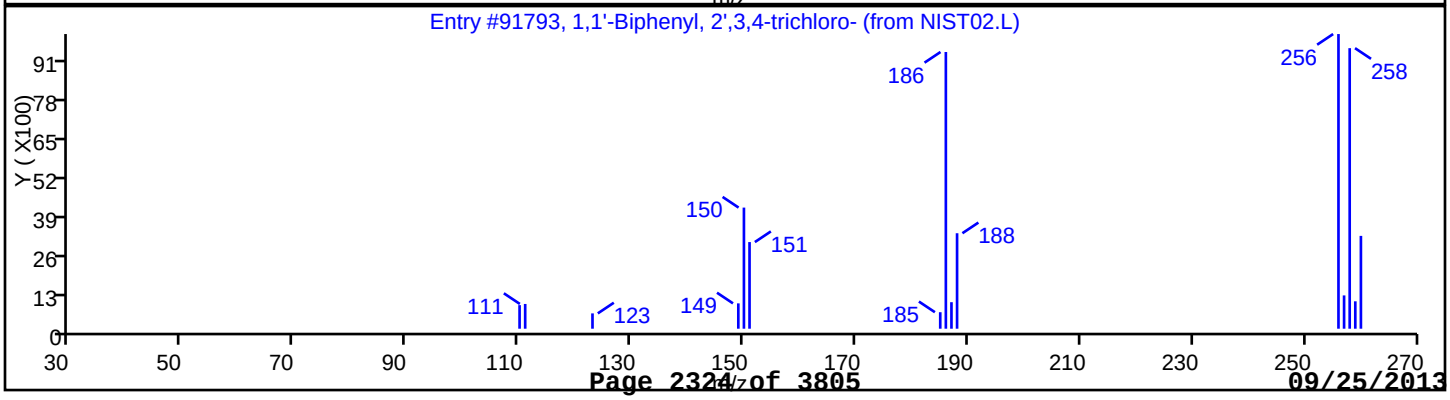
Injection Date:	20-Sep-2013 13:10:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	27
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	98
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	98
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	98









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TestAmerica Edison

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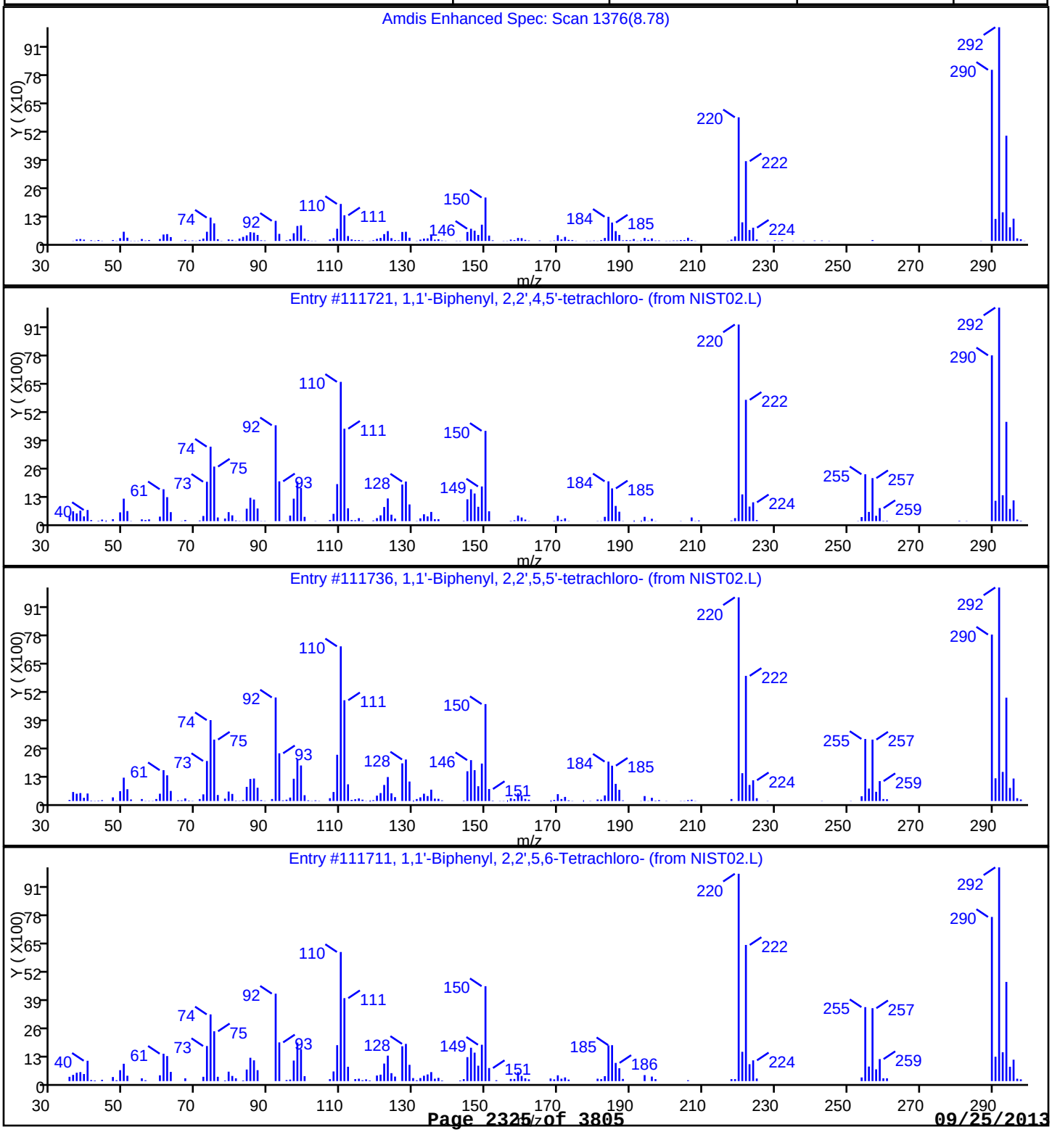
Injection Date:	20-Sep-2013 13:10:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	27
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	99
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	35693-99-3	NIST02.L	111736	99
1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	41464-41-9	NIST02.L	111711	96



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TestAmerica Edison

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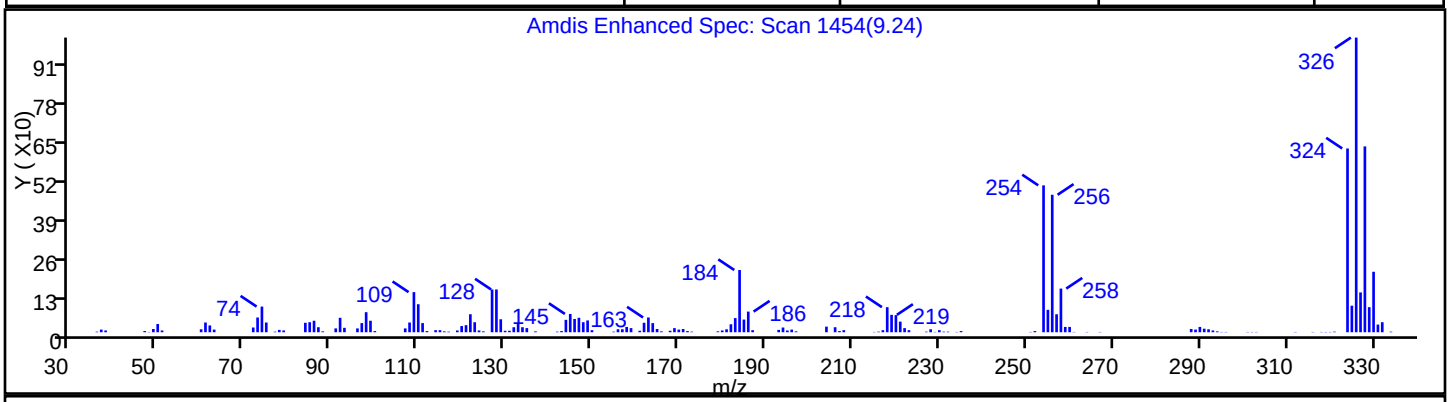
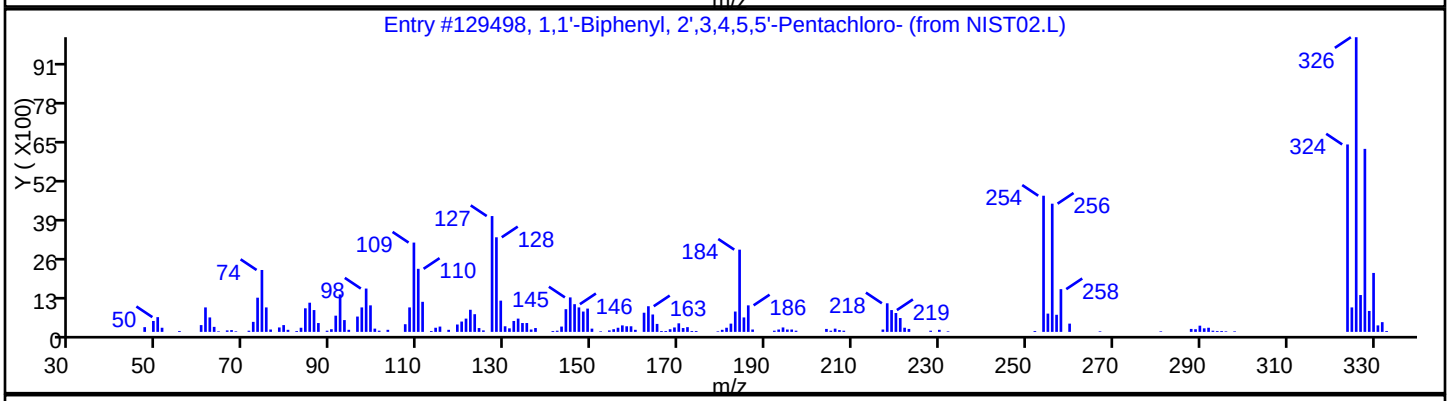
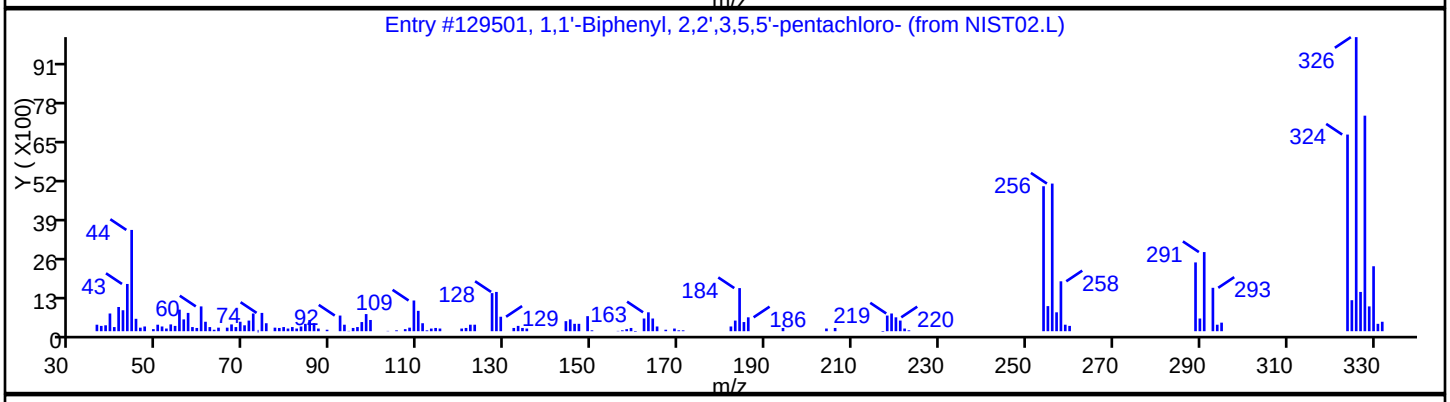
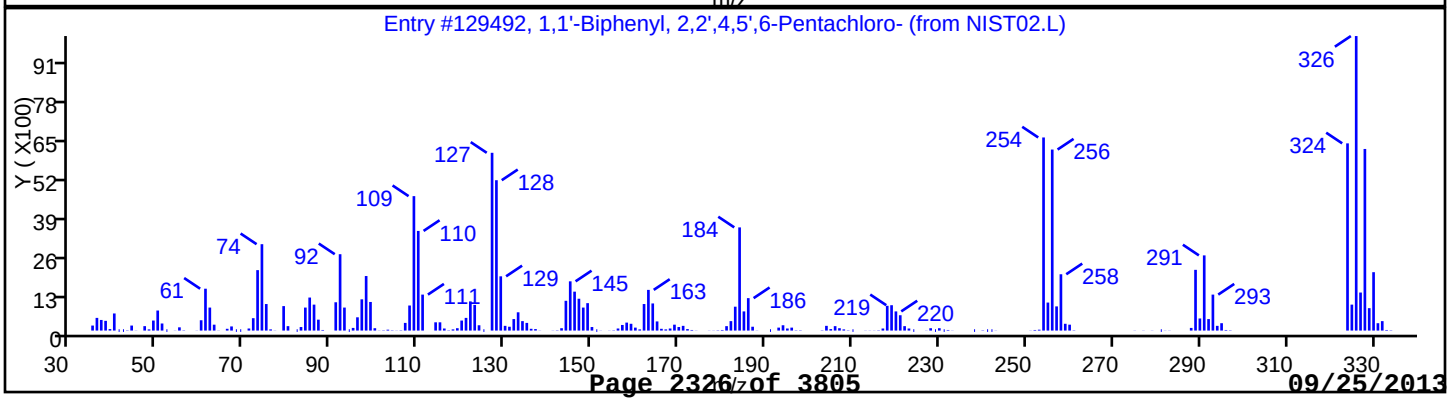
Injection Date:	20-Sep-2013 13:10:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	27
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 2',3,4,5,5'-Pentachloro-	70424-70-3	NIST02.L	129498	98
1,1'-Biphenyl, 2,2',3,5,5'-pentachloro-	52663-61-3	NIST02.L	129501	96
1,1'-Biphenyl, 2,2',4,5',6-Pentachloro-	60145-21-3	NIST02.L	129492	96









FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-SI | Lab Sample ID: 460-62968-30

Matrix: Solid | Lab File ID: U91007.D

Analysis Method: 8270C | Date Collected: 09/12/2013 15:20

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 11:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | 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	51	U	390	51
118-74-1	Hexachlorobenzene	5.4	U	39	5.4
77-47-4	Hexachlorocyclopentadiene	46	U	390	46
88-06-2	2,4,6-Trichlorophenol	46	U	390	46
95-95-4	2,4,5-Trichlorophenol	51	U	390	51
92-52-4	Diphenyl	53	U	390	53
91-58-7	2-Chloronaphthalene	44	U	390	44
88-74-4	2-Nitroaniline	160	U	800	160
606-20-2	2,6-Dinitrotoluene	12	U	80	12
131-11-3	Dimethyl phthalate	47	U	390	47
208-96-8	Acenaphthylene	47	U	390	47
99-09-2	3-Nitroaniline	140	U	800	140
83-32-9	Acenaphthene	210	J	390	57

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-SI | Lab Sample ID: 460-62968-30

Matrix: Solid | Lab File ID: U91007.D

Analysis Method: 8270C | Date Collected: 09/12/2013 15:20

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 11:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | 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	380	J	390	52
84-74-2	Di-n-butyl phthalate	140	J	390	49
121-14-2	2,4-Dinitrotoluene	13	U	80	13
7005-72-3	4-Chlorophenyl phenyl ether	46	U	390	46
100-01-6	4-Nitroaniline	120	U	800	120
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	39	U	390	39
1912-24-9	Atrazine	61	U	390	61
120-12-7	Anthracene	48	U	390	48
86-74-8	Carbazole	47	U	390	47
85-01-8	Phenanthrene	130	J	390	50
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	360	J	390	33
218-01-9	Chrysene	220	J	390	46
207-08-9	Benzo[k]fluoranthene	120		39	3.0
191-24-2	Benzo[g,h,i]perylene	160	J	390	29
205-99-2	Benzo[b]fluoranthene	290		39	2.5
50-32-8	Benzo[a]pyrene	220		39	2.8
56-55-3	Benzo[a]anthracene	200		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	150		39	7.3
53-70-3	Dibenz(a,h)anthracene	41		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-SI | Lab Sample ID: 460-62968-30

Matrix: Solid | Lab File ID: U91007.D

Analysis Method: 8270C | Date Collected: 09/12/2013 15:20

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 11:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	79		38-105
4165-62-2	Phenol-d5	106		41-118
1718-51-0	Terphenyl-d14	99		16-151
118-79-6	2,4,6-Tribromophenol	84		10-120
367-12-4	2-Fluorophenol	97		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-SI | Lab Sample ID: 460-62968-30

Matrix: Solid | Lab File ID: U91007.D

Analysis Method: 8270C | Date Collected: 09/12/2013 15:20

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 11:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182070 | Units: ug/Kg

Number TICs Found: 2 | TIC Result Total: 820

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	11.57	320	J
191-26-4	Dibenzo[def,mno]chrysene	14.98	500	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91007.D
Lims ID: 460-62968-E-30-B
Client ID: PMP-24SE-SI
Inject. Date: 19-Sep-2013 11:17:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-0004790-023
Misc. Info.:
Operator:
Instrument ID: CBNAMS4
Injection Vol: 1.0 ul
ALS Bottle#: 23
Lims Batch ID: 182070
Lims Sample ID: 23
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m
Last Update: 20-Sep-2013 11:16:04
Calib Date: 18-Sep-2013 15:35:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90967.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: croccom
Date: 19-Sep-2013 11:44:55

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.762	2.740	0.022	83	709041	96.9	
$ 6 Phenol-d5	99	3.682	3.692	-0.010	56	923636	106.1	
* 13 1,4-Dichlorobenzene-d4	152	4.012	4.023	-0.011	89	260636	40.0	
$ 25 Nitrobenzene-d5	82	4.577	4.588	-0.011	93	617793	39.4	
* 35 Naphthalene-d8	136	5.301	5.310	-0.009	98	1076902	40.0	
36 Naphthalene	128	5.316	5.334	-0.018	20	4019	0.1496	
41 2-Methylnaphthalene	142	6.008	6.025	-0.017	59	3422	0.2079	
$ 48 2-Fluorobiphenyl	172	6.387	6.398	-0.011	97	1011445	41.6	
59 Acenaphthylene	152	6.901	6.912	-0.011	84	7344	0.2457	
* 61 Acenaphthene-d10	164	7.044	7.057	-0.013	92	687581	40.0	
62 Acenaphthene	154	7.075	7.089	-0.014	13	1615	2.63	
70 Fluorene	166	7.578	7.598	-0.020	67	2794	0.1216	
$ 76 2,4,6-Tribromophenol	330	7.823	7.832	-0.009	90	533755	83.5	
* 83 Phenanthrene-d10	188	8.496	8.510	-0.014	97	1231817	40.0	
84 Phenanthrene	178	8.518	8.532	-0.014	63	51245	1.63	
85 Anthracene	178	8.565	8.580	-0.015	91	12876	0.3971	
86 Carbazole	167	8.731	8.749	-0.018	73	4140	0.1567	
87 Di-n-butyl phthalate	149	9.078	9.094	-0.016	97	69220	1.72	
88 Fluoranthene	202	9.677	9.691	-0.014	98	174111	4.74	
90 Pyrene	202	9.896	9.916	-0.020	98	151696	4.50	
$ 91 Terphenyl-d14	244	10.063	10.069	-0.006	99	1309591	49.3	
95 Benzo[a]anthracene	228	11.156	11.178	-0.022	85	74409	2.56	
* 96 Chrysene-d12	240	11.171	11.193	-0.022	95	1025227	40.0	
97 Chrysene	228	11.201	11.224	-0.023	95	74896	2.77	
98 Bis(2-ethylhexyl) phthalate	149	11.217	11.232	-0.015	74	11342	0.6272	
100 Benzo[b]fluoranthene	252	12.486	12.520	-0.034	95	82643	3.68	
101 Benzo[k]fluoranthene	252	12.517	12.558	-0.041	66	35180	1.53	M
102 Benzo[a]pyrene	252	12.912	12.940	-0.028	85	55022	2.82	
* 103 Perylene-d12	264	12.996	13.017	-0.021	97	787713	40.0	
104 Indeno[1,2,3-cd]pyrene	276	14.389	14.434	-0.045	93	42067	1.95	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
105 Dibenz(a,h)anthracene	278	14.411	14.465	-0.054	69	10844	0.5164	
106 Benzo[g,h,i]perylene	276	14.754	14.815	-0.061	85	41586	1.97	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91007.D		
Lims ID:	460-62968-E-30-B	Client ID:	PMP-24SE-SI
Inject. Date:	19-Sep-2013 11:17:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004790-023		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	23
Lims Batch ID:	182070	Lims Sample ID:	23
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m		
Last Update:	20-Sep-2013 11:16:04	Calib Date:	18-Sep-2013 15:35:30
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:	19-Sep-2013 11:44:55

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
		Unknown				
11.567	271482	4.05	96			
	191-26-4	Dibenzo[def,mno]chrysene				
14.975	302415	6.29	103	72	104309	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 96 Chrysene-d12	11.171	2683151	40.0
* 103 Perylene-d12	12.996	1922145	40.0

QC Flag Legend

Processing Flags

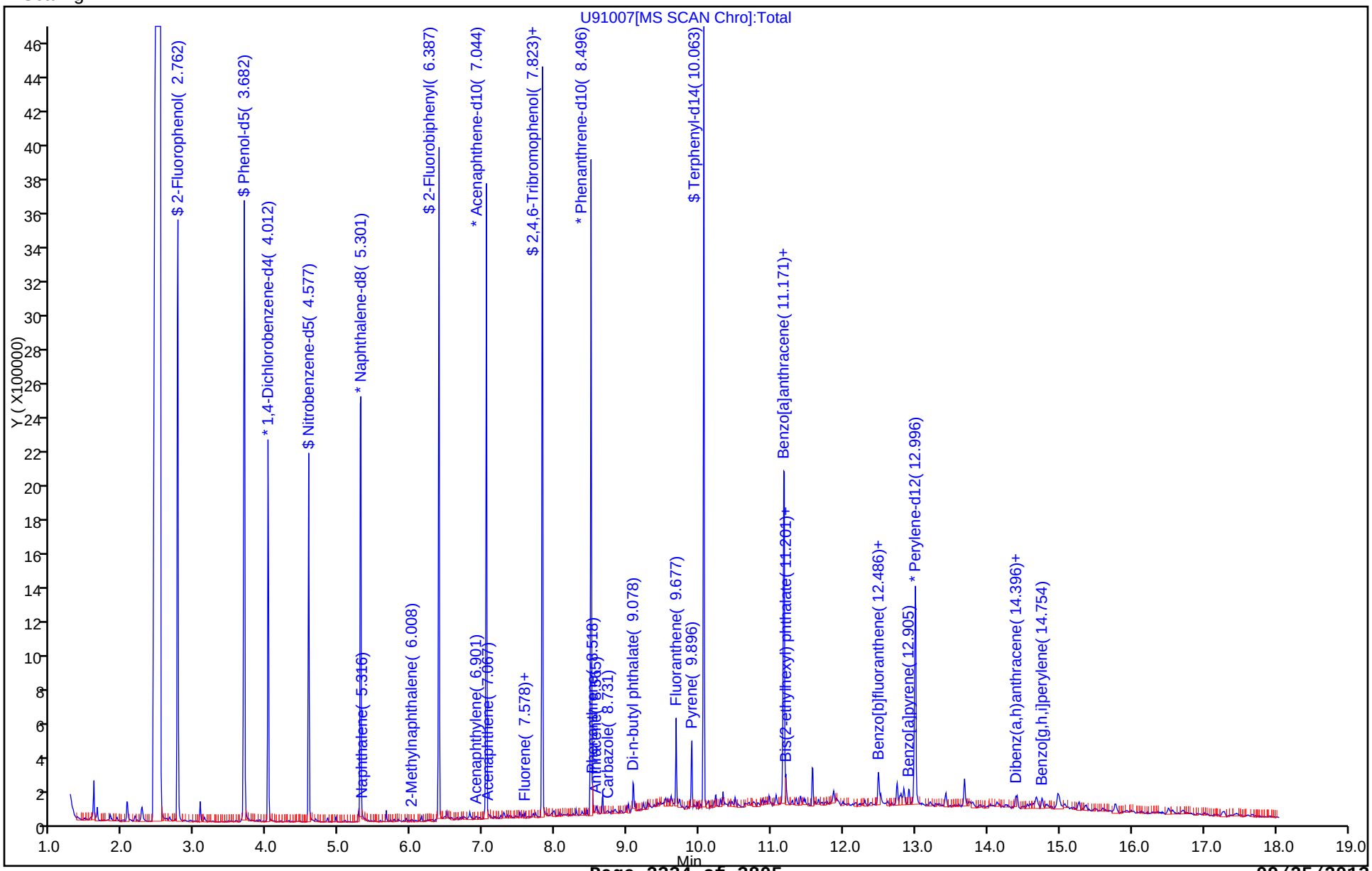
Report Date: 20-Sep-2013 11:18:57 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91007.D

Injection Date:	19-Sep-2013 11:17:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Y Scaling:

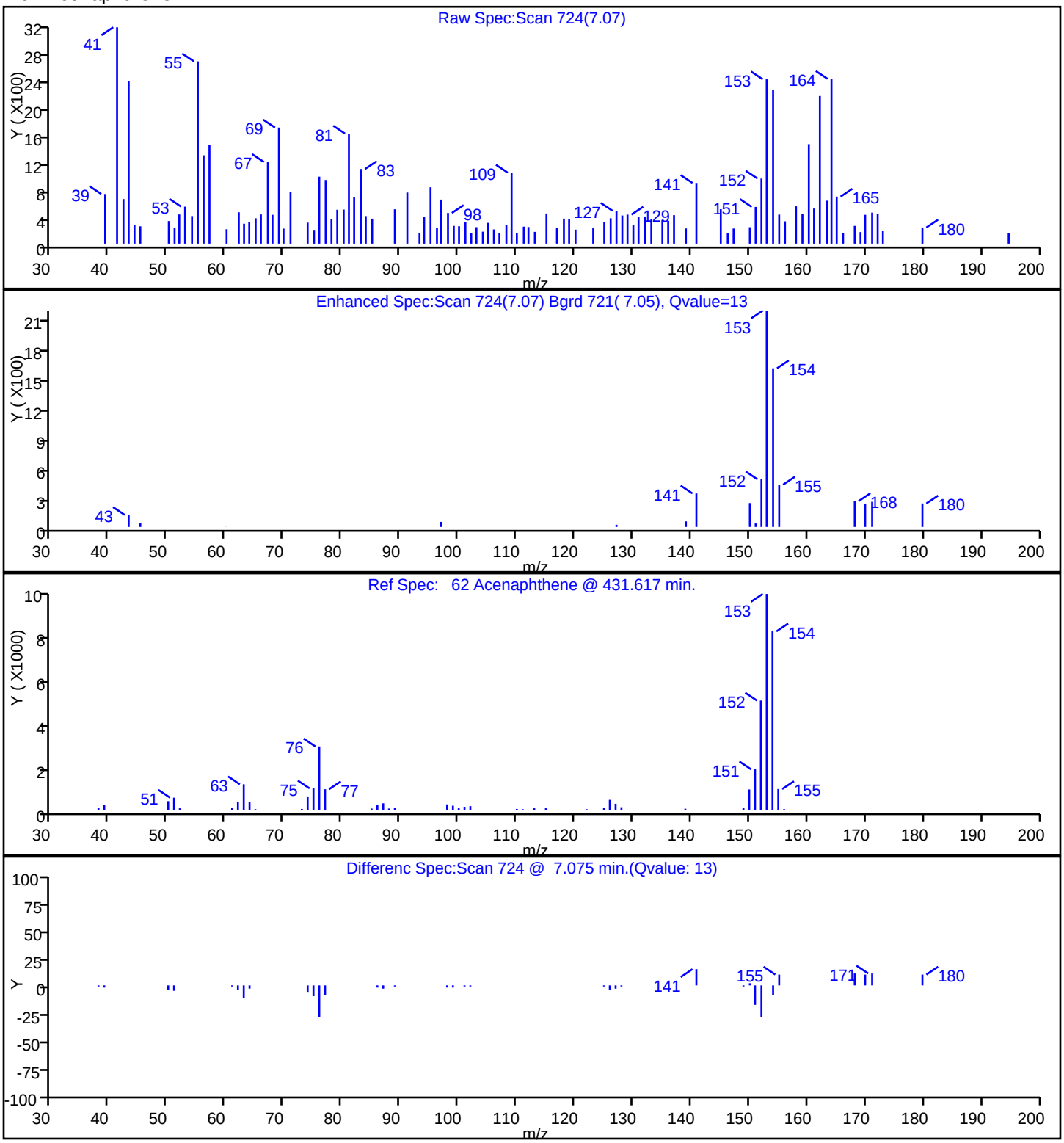


Report Date: 20-Sep-2013 11:18:57 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91007.D		
Injection Date:	19-Sep-2013 11:17:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

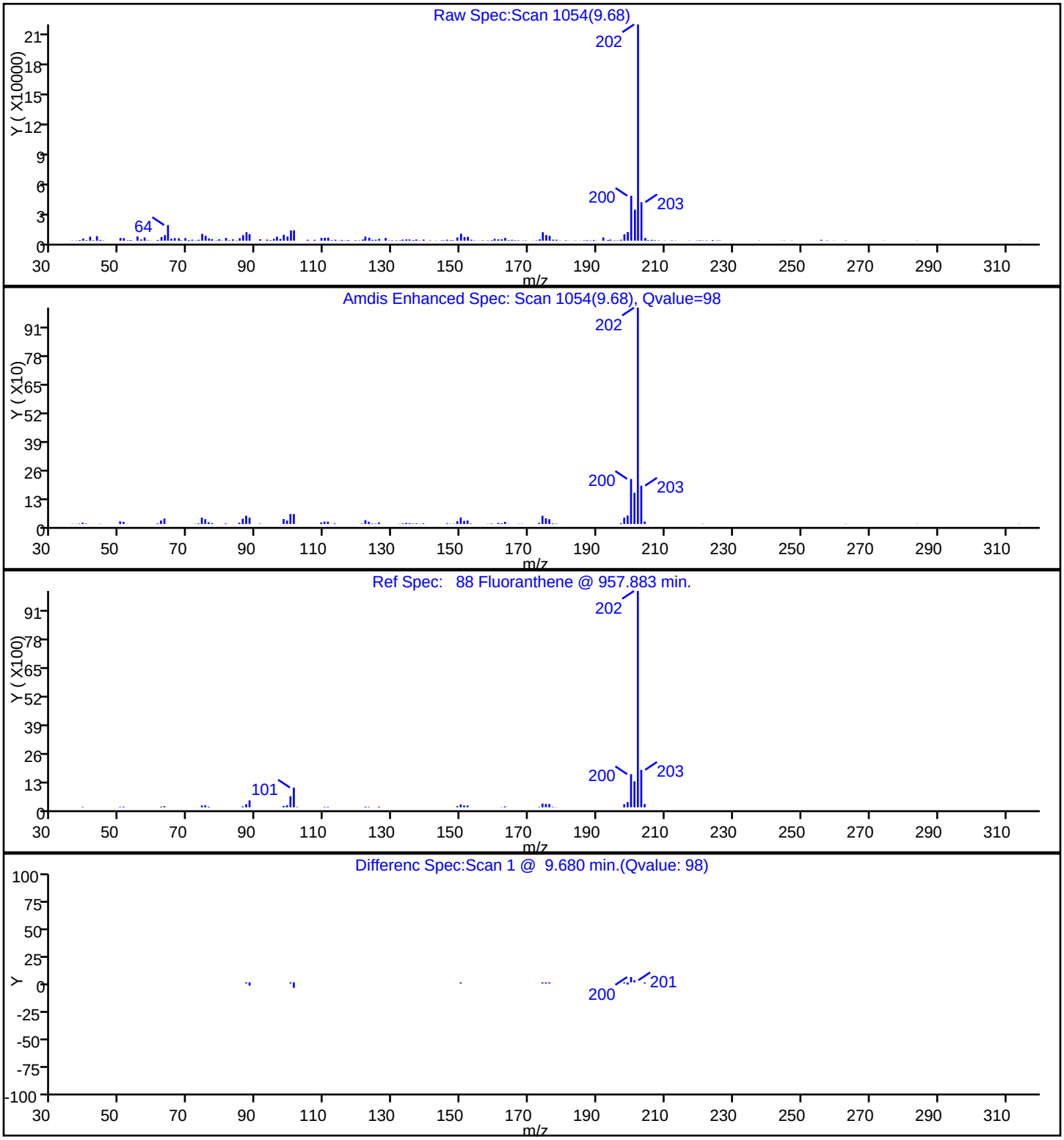
62 Acenaphthene



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91007.D		
Injection Date:	19-Sep-2013 11:17:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

88 Fluoranthene



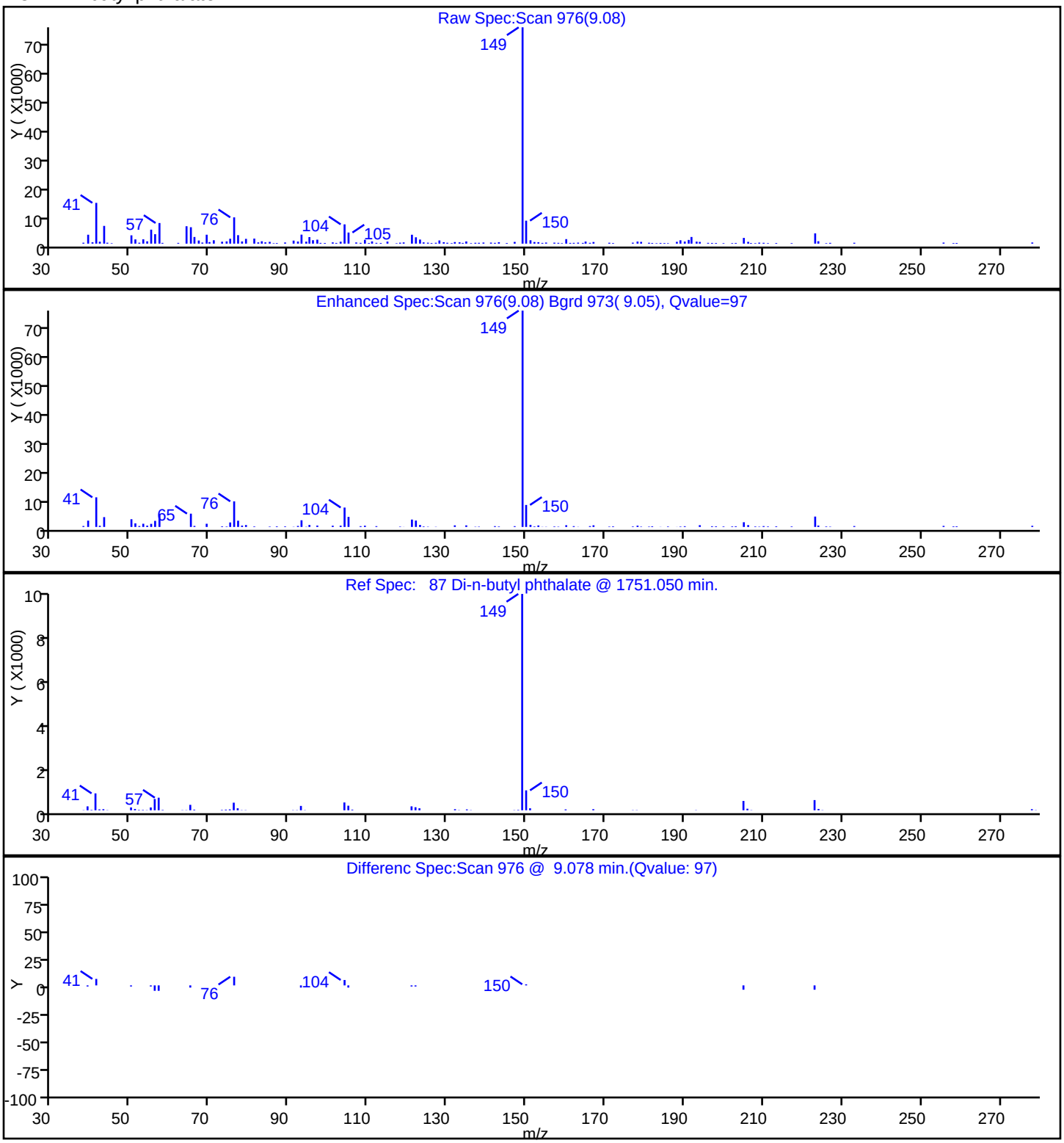
Report Date: 20-Sep-2013 11:18:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91007.D

Injection Date:	19-Sep-2013 11:17:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

87 Di-n-butyl phthalate

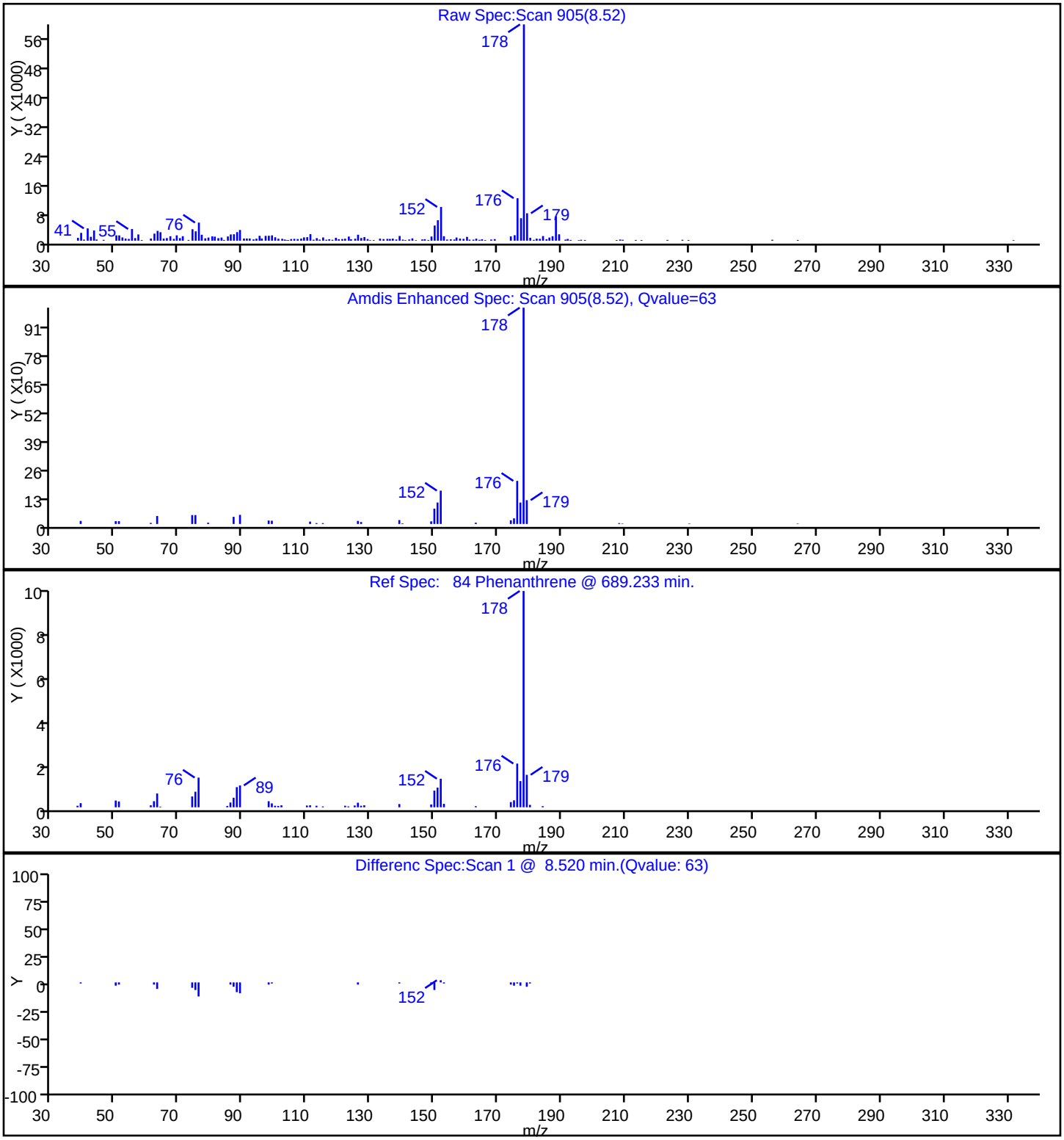


Report Date: 20-Sep-2013 11:18:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91007.D		
Injection Date:	19-Sep-2013 11:17:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

84 Phenanthrene

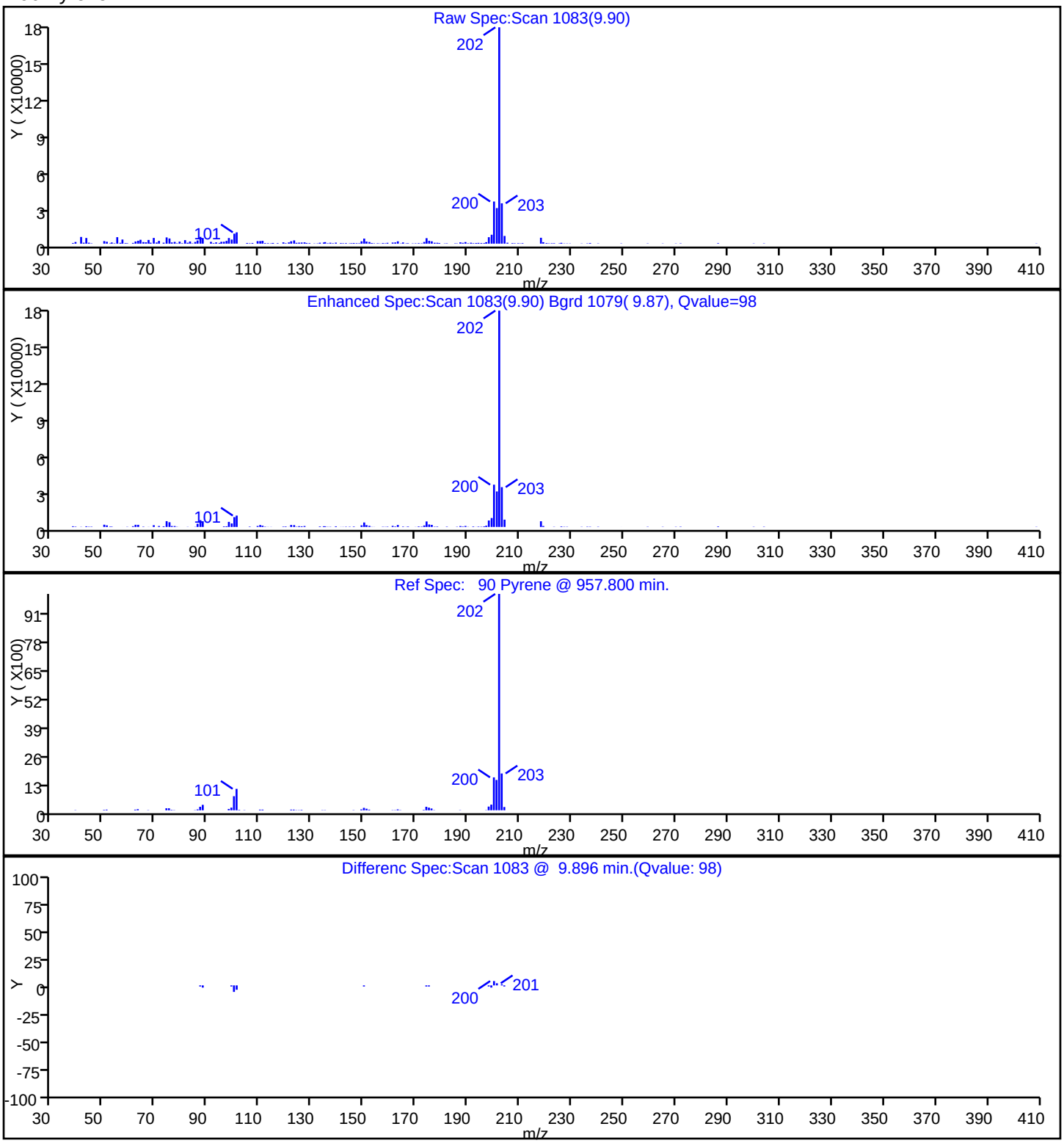


Report Date: 20-Sep-2013 11:18:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91007.D		
Injection Date:	19-Sep-2013 11:17:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

90 Pyrene

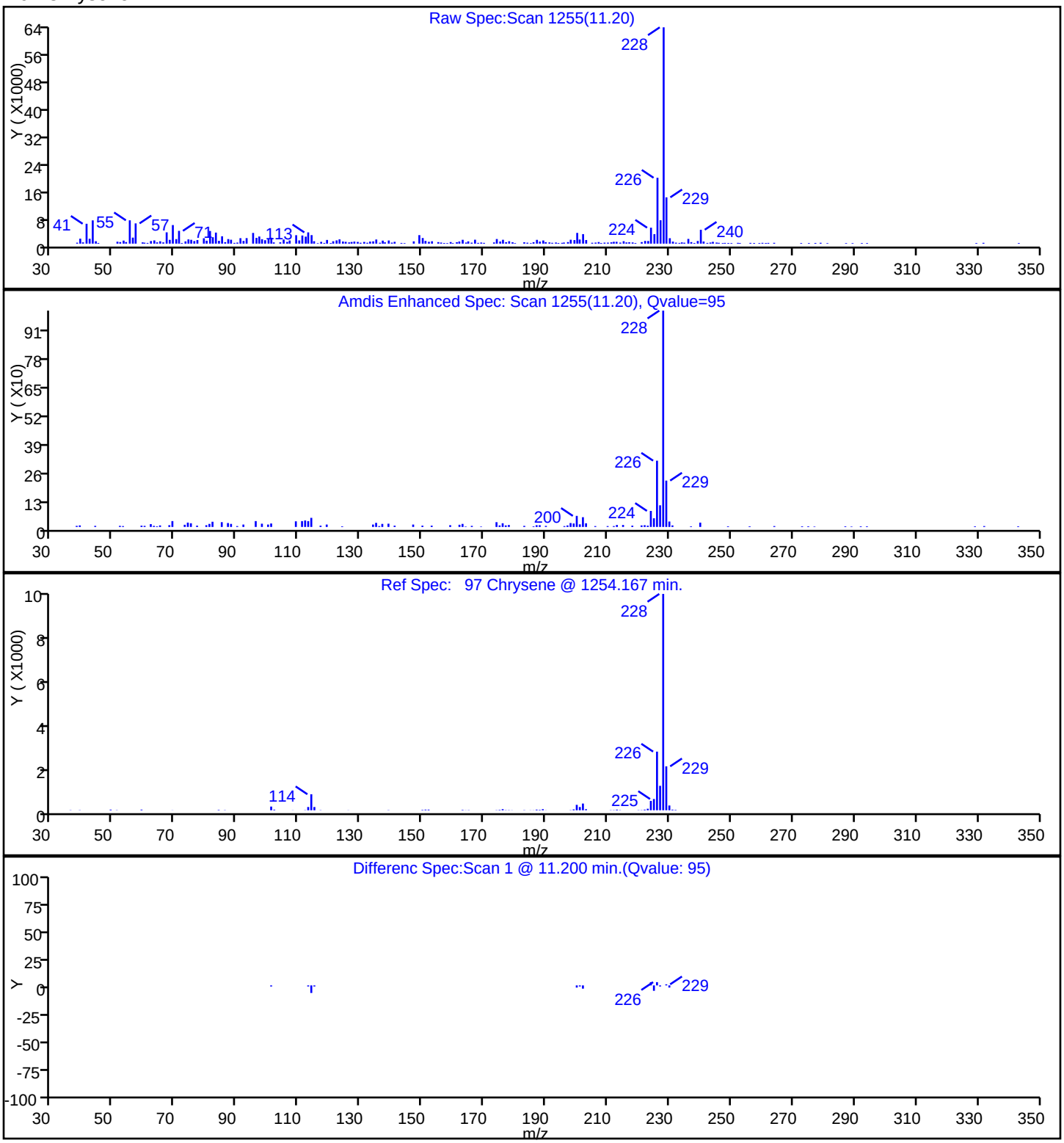


Report Date: 20-Sep-2013 11:18:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91007.D		
Injection Date:	19-Sep-2013 11:17:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

97 Chrysene

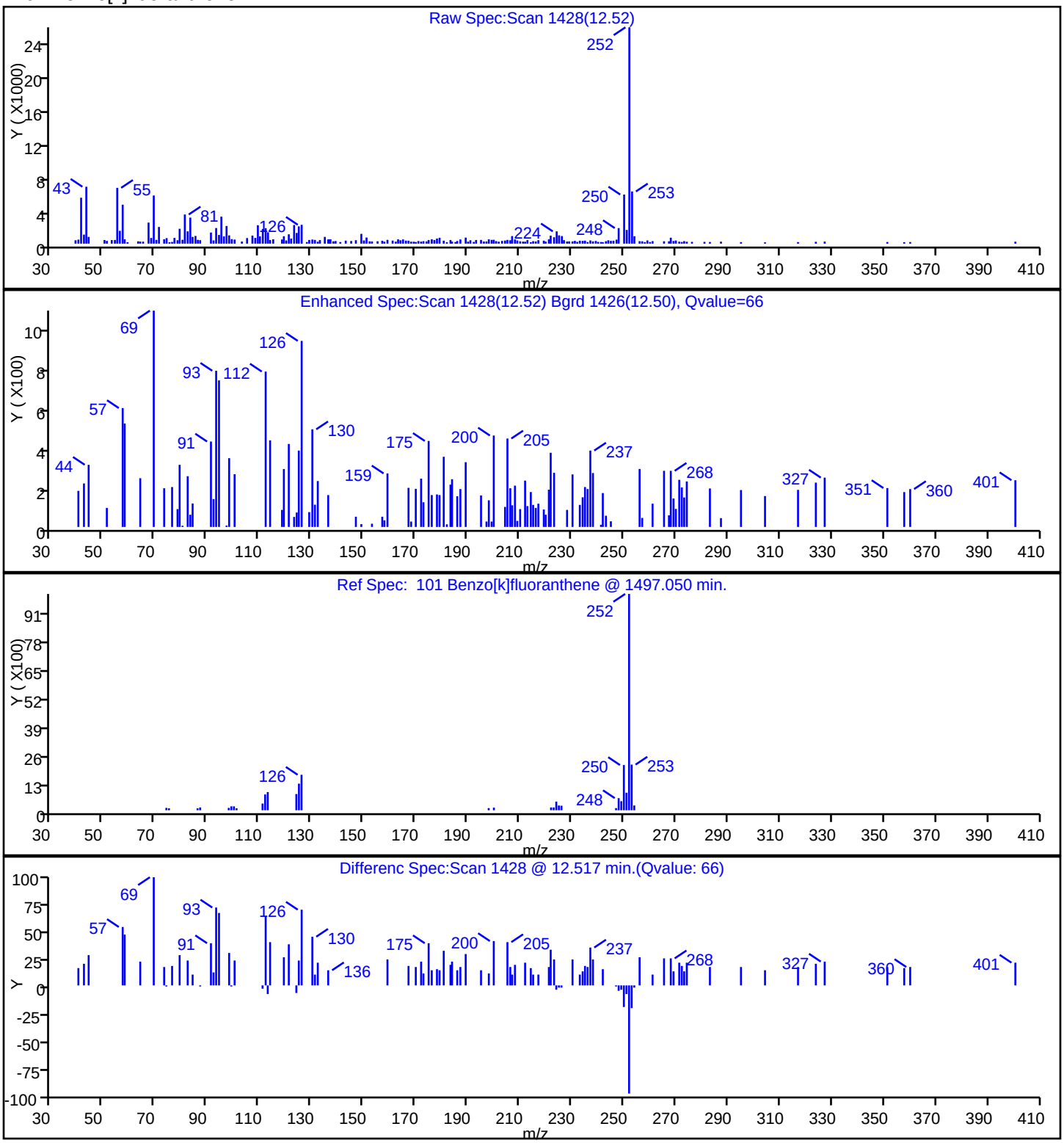


Report Date: 20-Sep-2013 11:18:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91007.D		
Injection Date:	19-Sep-2013 11:17:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

101 Benzo[k]fluoranthene

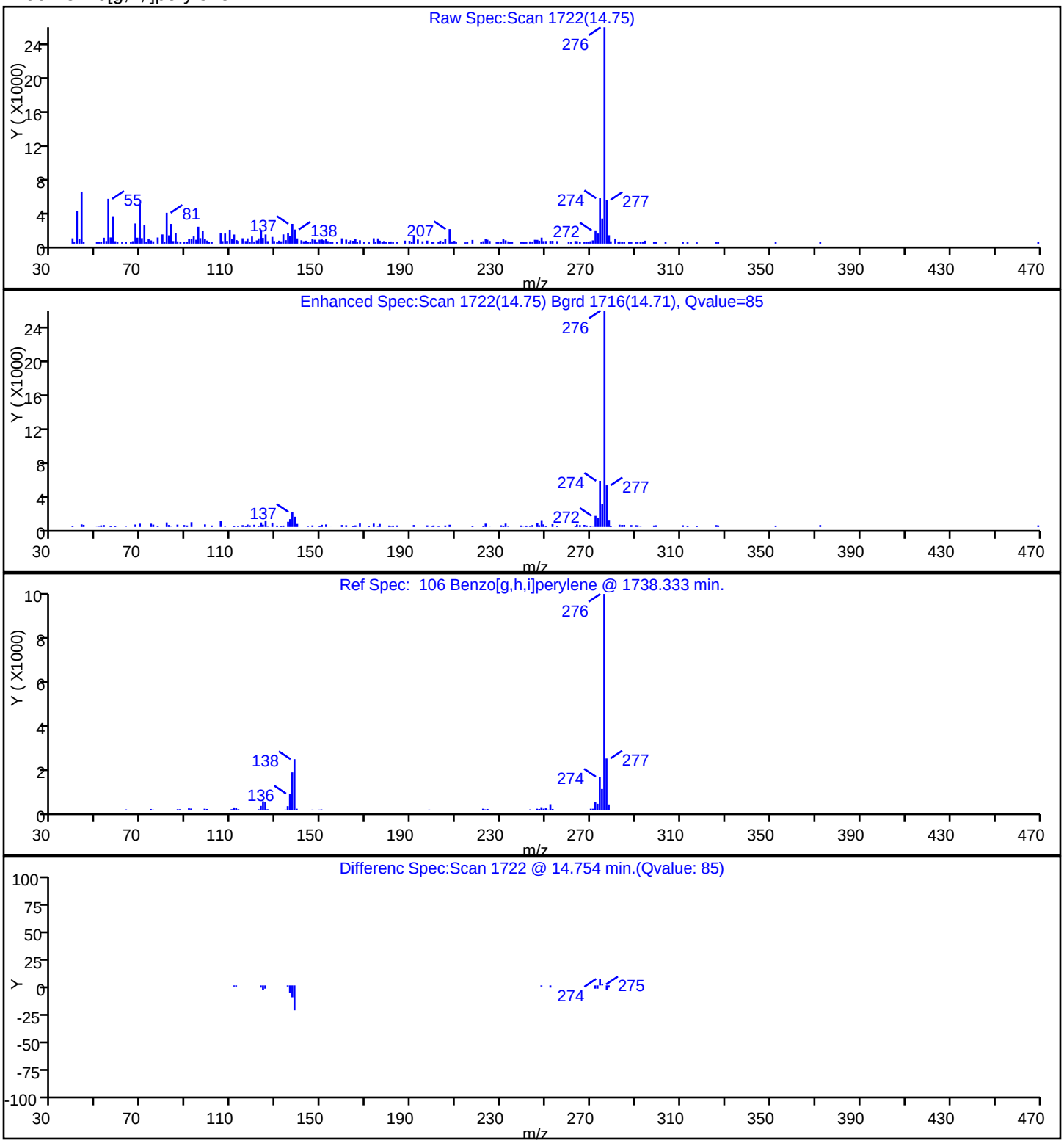


Report Date: 20-Sep-2013 11:18:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91007.D		
Injection Date:	19-Sep-2013 11:17:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

106 Benzo[g,h,i]perylene



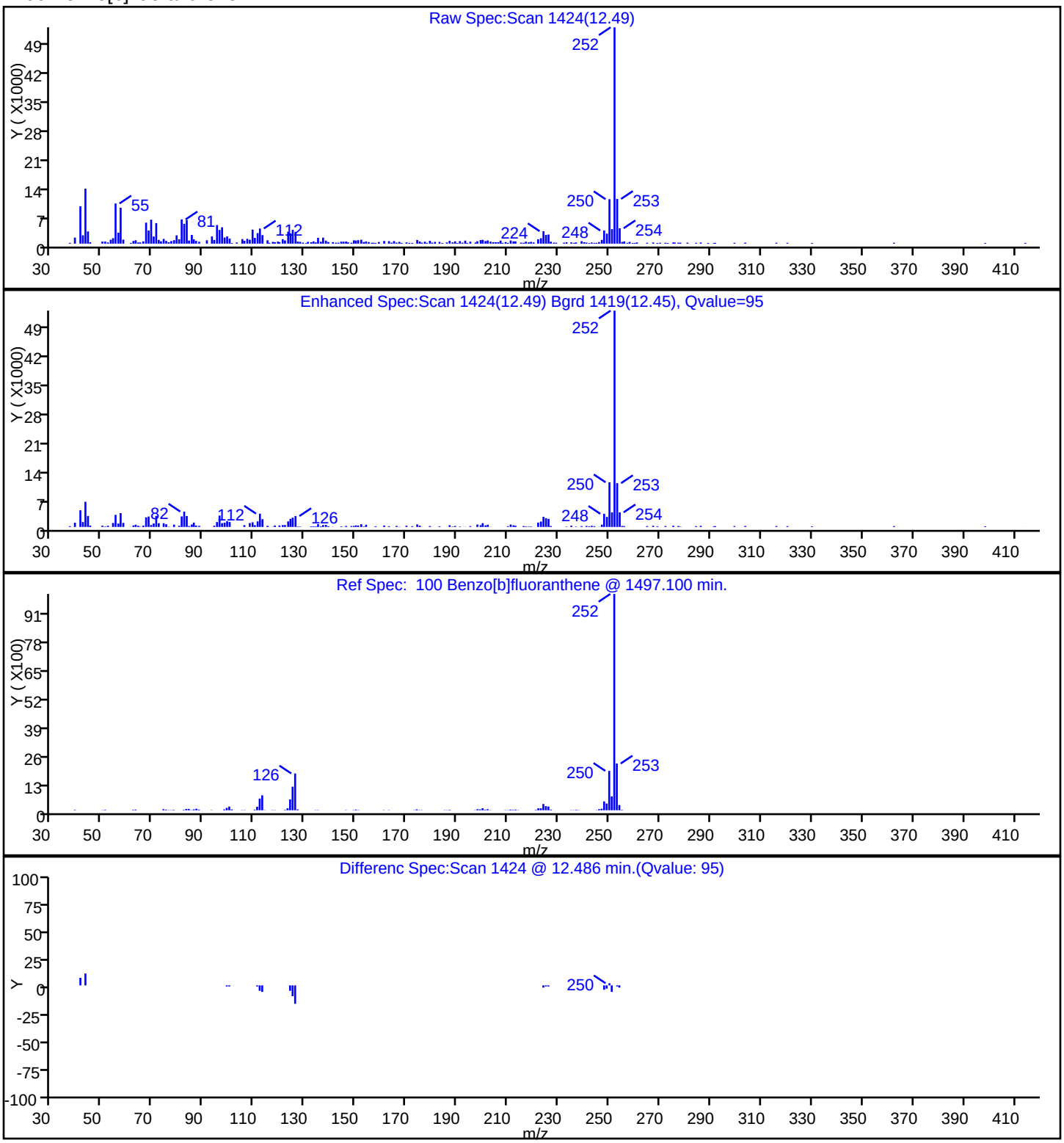
Report Date: 20-Sep-2013 11:18:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91007.D

Injection Date:	19-Sep-2013 11:17:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

100 Benzo[b]fluoranthene

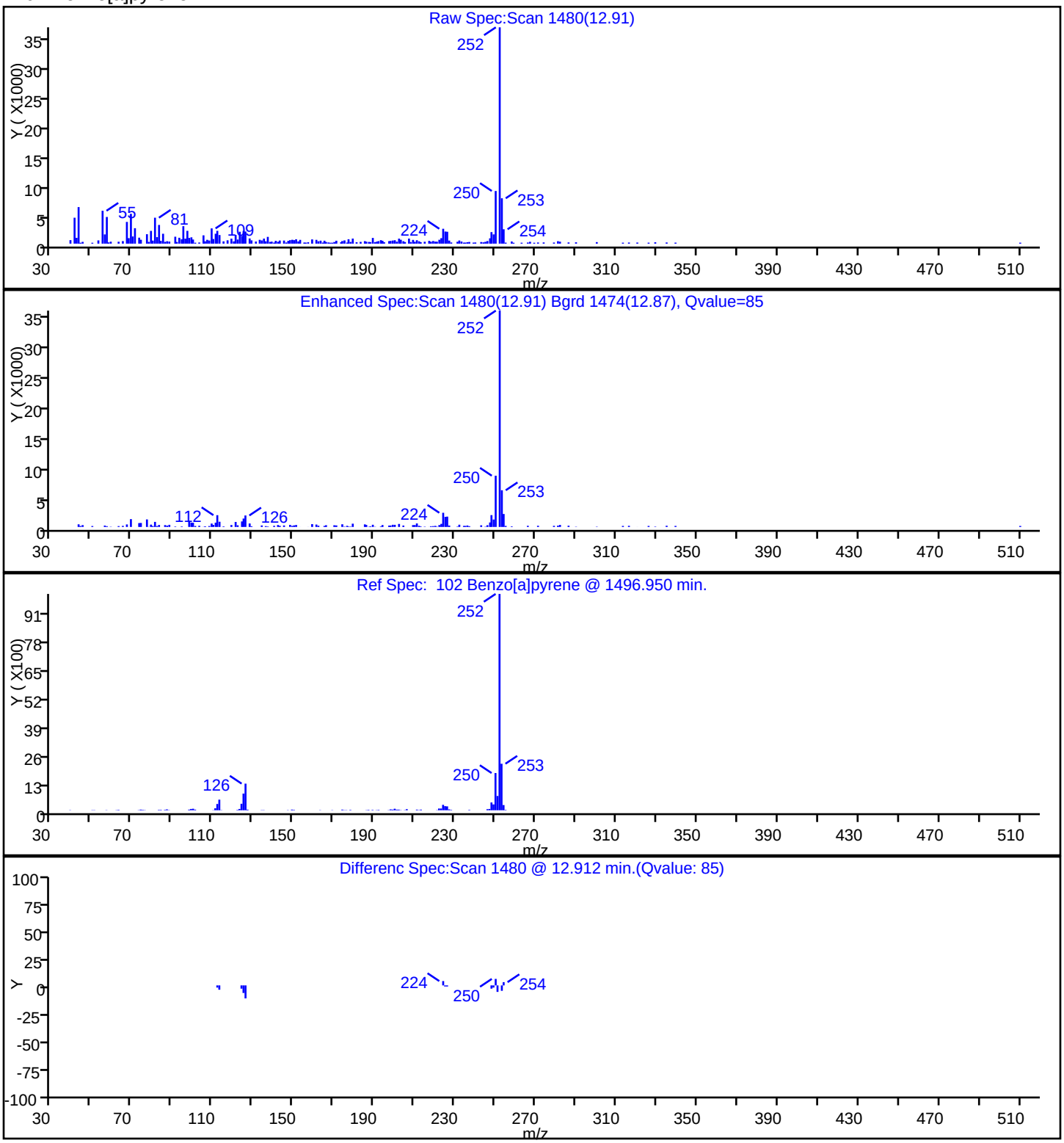


Report Date: 20-Sep-2013 11:18:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91007.D		
Injection Date:	19-Sep-2013 11:17:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

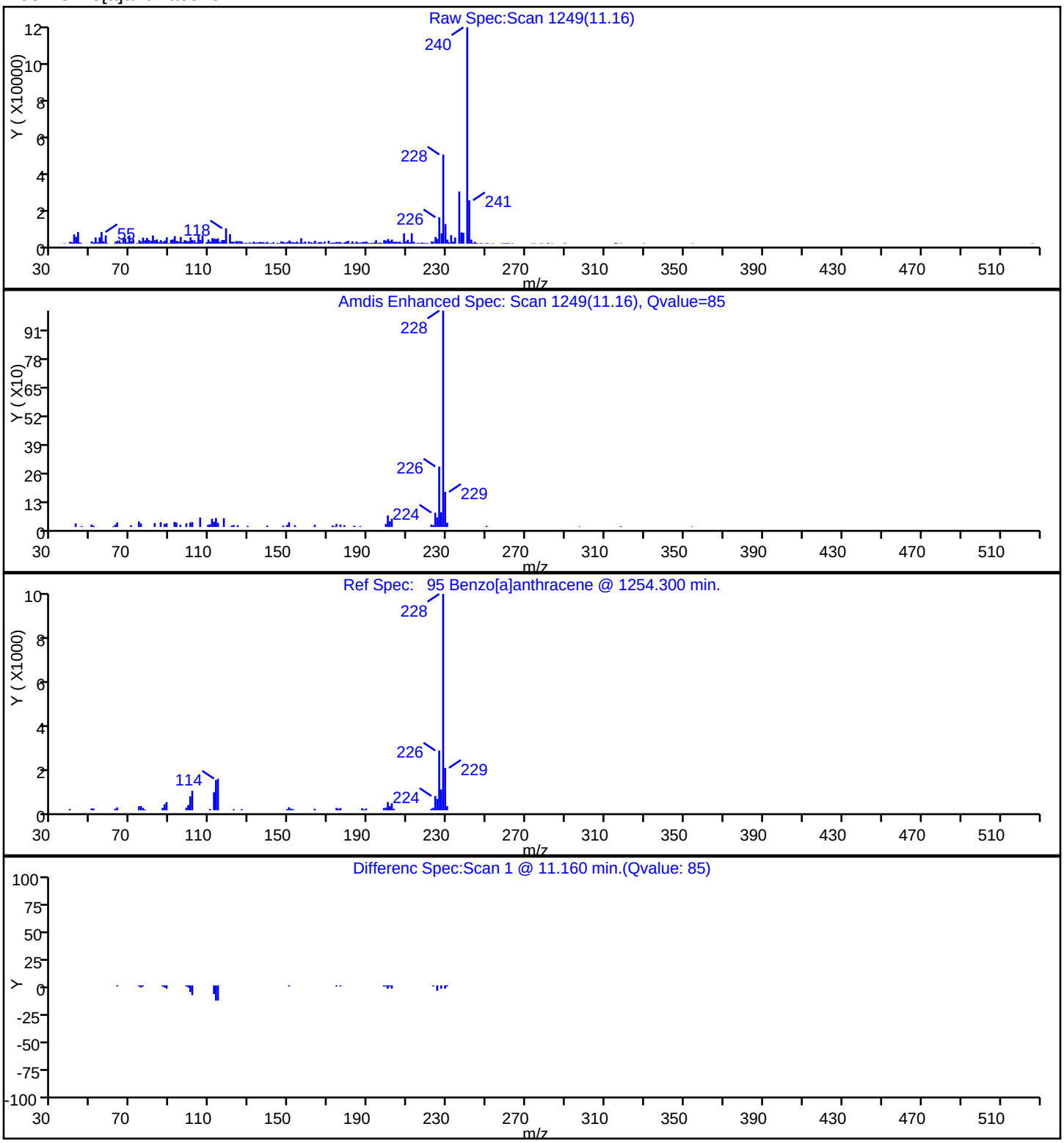
102 Benzo[a]pyrene



TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91007.D		
Injection Date:	19-Sep-2013 11:17:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

95 Benzo[a]anthracene

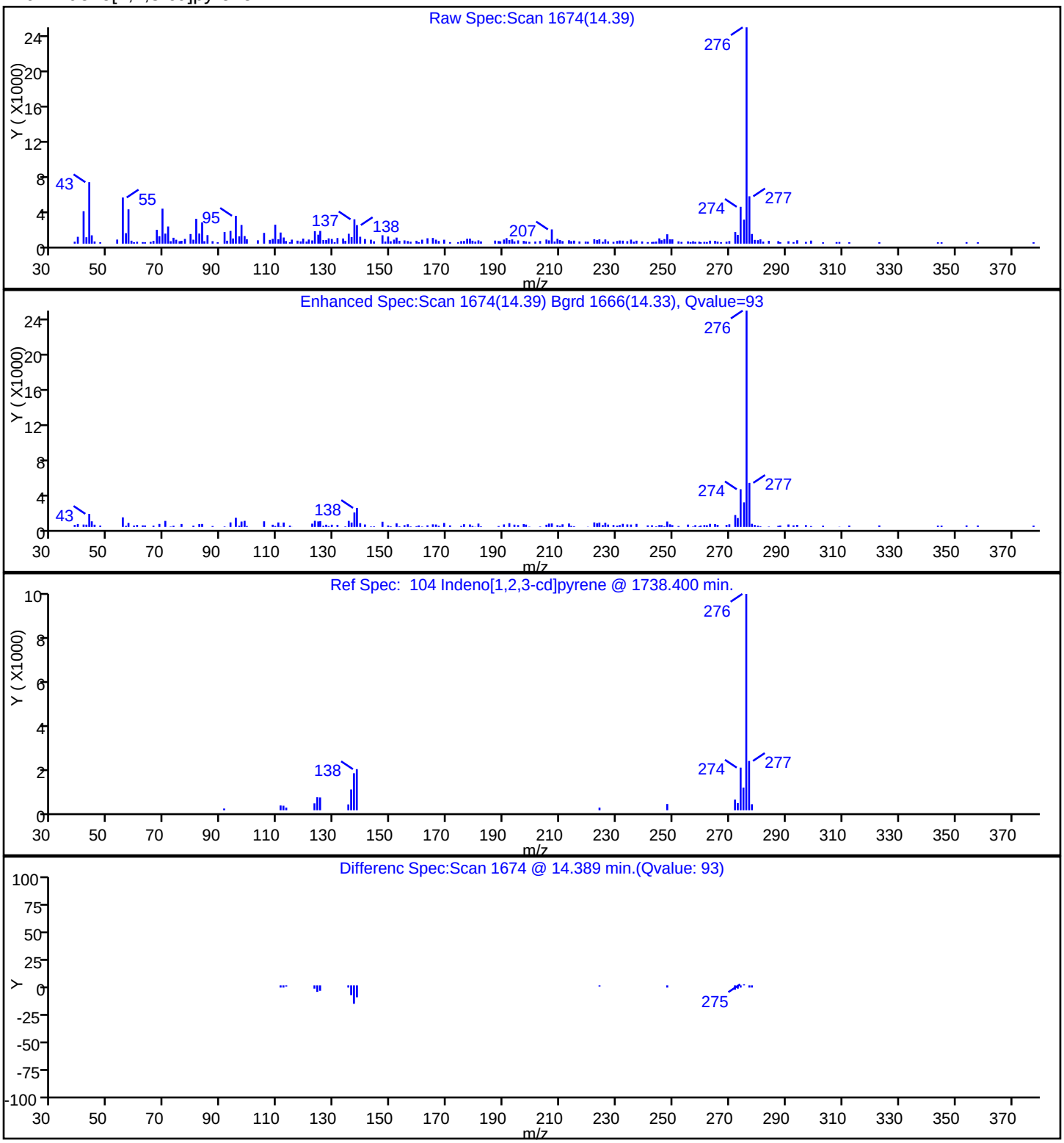


Report Date: 20-Sep-2013 11:18:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91007.D		
Injection Date:	19-Sep-2013 11:17:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

104 Indeno[1,2,3-cd]pyrene



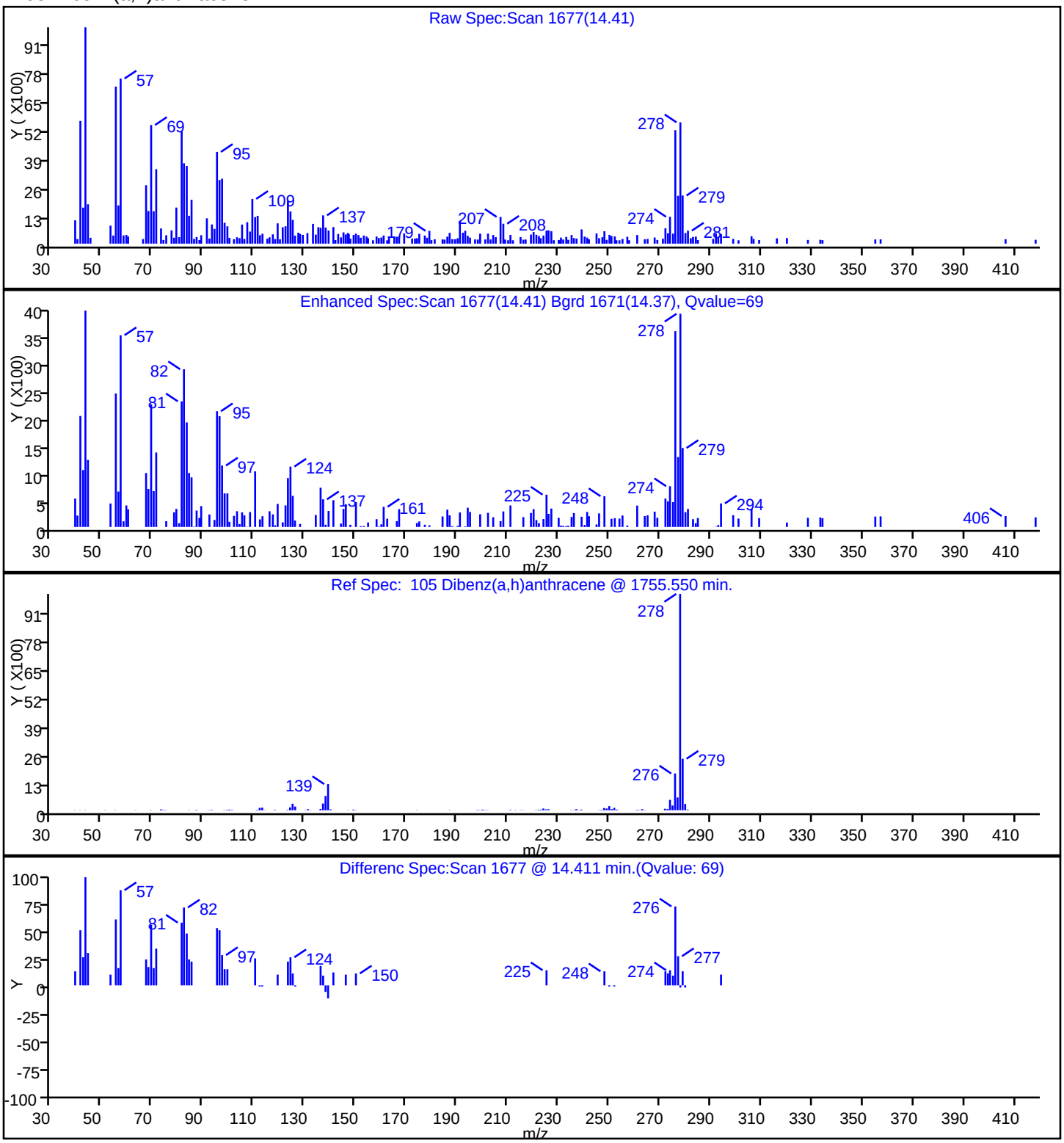
Report Date: 20-Sep-2013 11:18:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91007.D

Injection Date:	19-Sep-2013 11:17:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

105 Dibenz(a,h)anthracene



Manual Integration/User Assign Peak Report

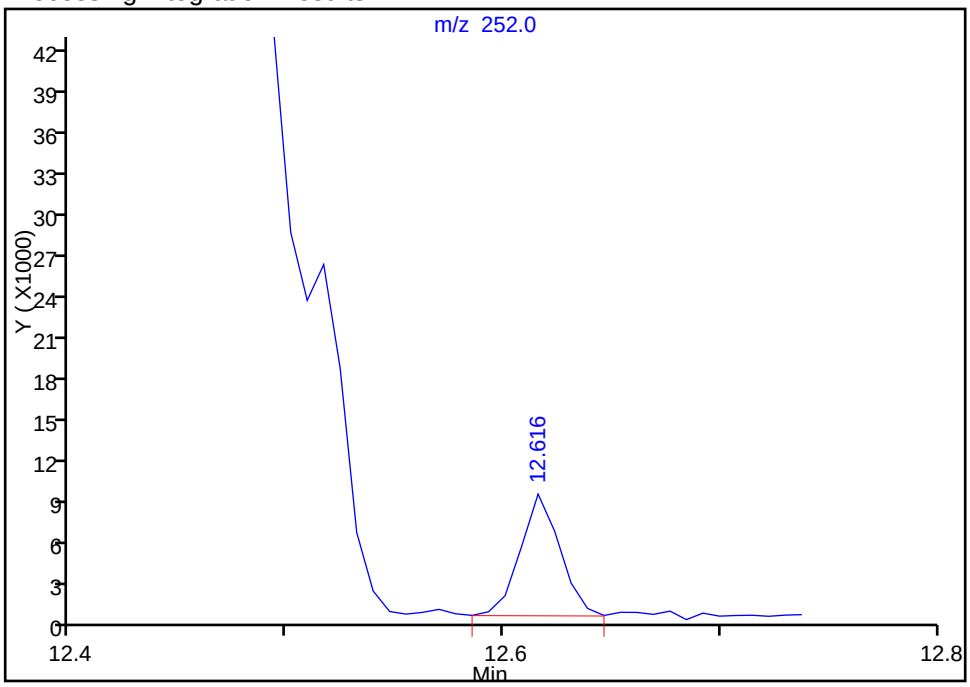
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91007.D		
Injection Date:	19-Sep-2013 11:17:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

101 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 12.56

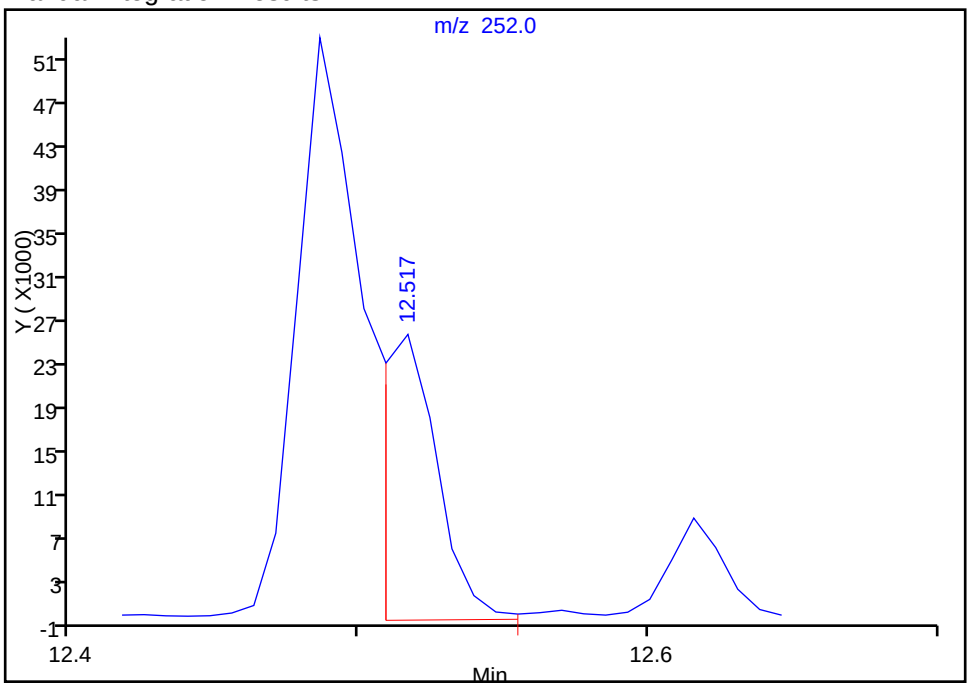
Processing Integration Results

RT: 12.62
Response: 11250
Amount: 0.488860



Manual Integration Results

RT: 12.52
Response: 35180
Amount: 1.528720



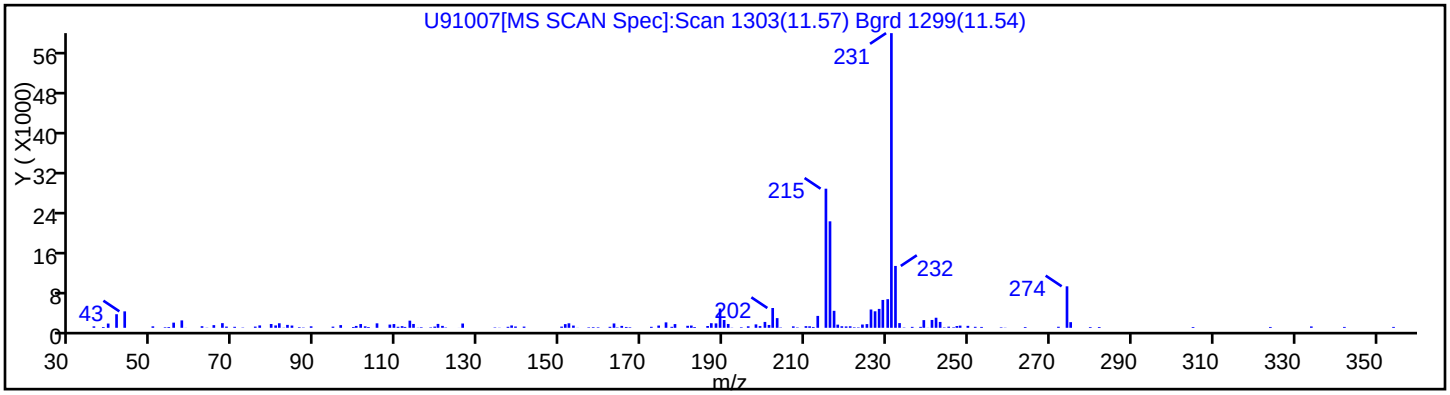
Reviewer: croccom, 19-Sep-2013 11:44:55
Audit Action: Manually Integrated
Audit Reason: Wrong peak

Report Date: 20-Sep-2013 11:18:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

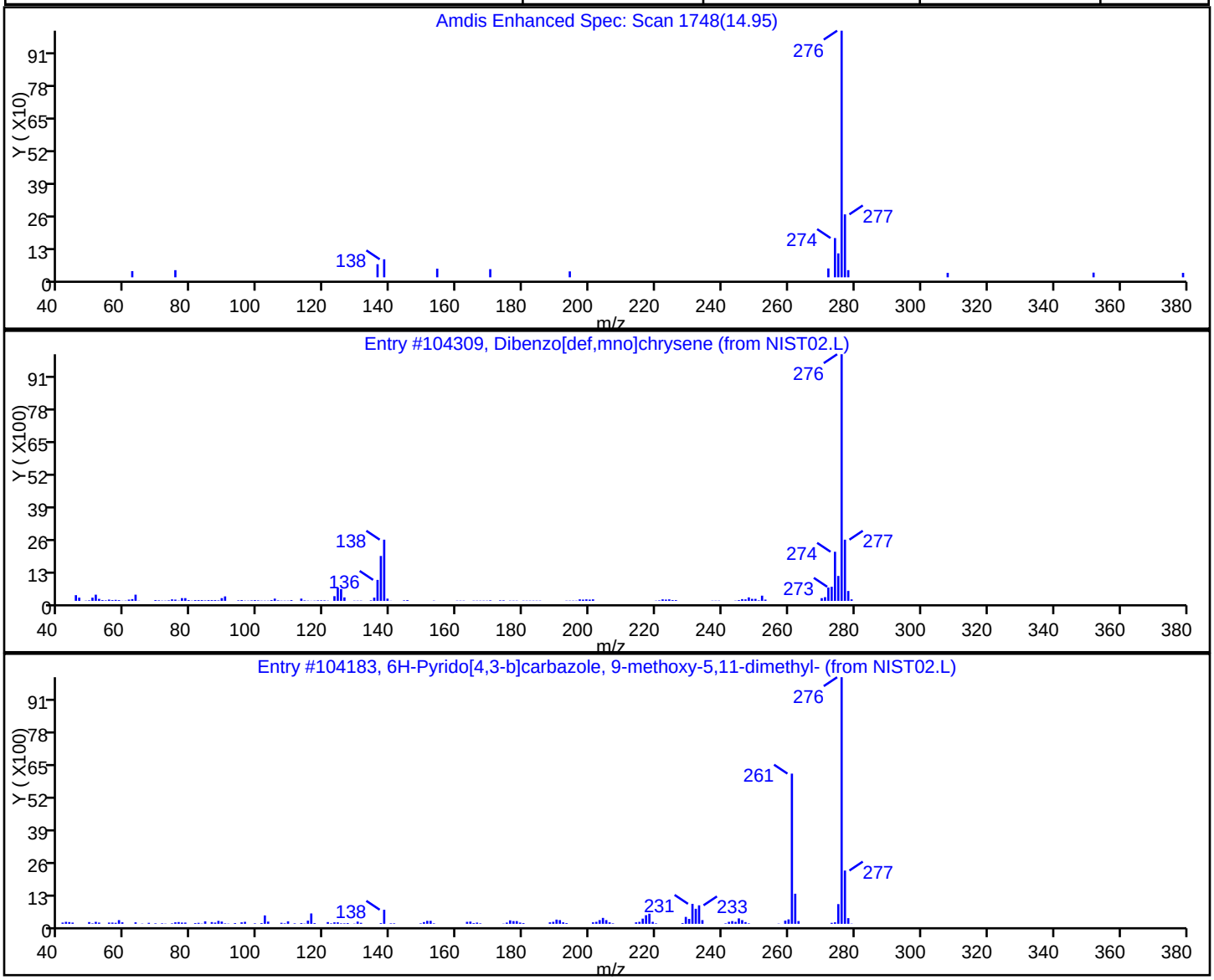
Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91007.D		
Injection Date:	19-Sep-2013 11:17:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-24SE-SI	Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

No Library Matches Found above the Threshold: 75



Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U91007.D
Injection Date: 19-Sep-2013 11:17:30 Limit Group: SV 8270 ICAL
Client ID: PMP-24SE-SI Instrument ID: CBNAMS4
Lims Batch ID: 182070 Lims Sample ID: 23
Operator ID: Injection Vol: 1.0 ul
Column Type: Rtxi-5Sil MS Column Dia: 0.25 mm

Library Search Compound Match	CAS Number	Library	Entry	Quality
Dibenzo[def,mno]chrysene	191-26-4	NIST02.L	104309	72
6H-Pyrido[4,3-b]carbazole, 9-methoxy-5,1	10371-86-5	NIST02.L	104183	72



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-VD | Lab Sample ID: 460-62968-31

Matrix: Solid | Lab File ID: 112742.D

Analysis Method: 8270C | Date Collected: 09/12/2013 15:45

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.03(g) | Date Analyzed: 09/20/2013 12:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182283 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	230	U	1700	230
95-57-8	2-Chlorophenol	230	U	1700	230
95-48-7	2-Methylphenol	300	U	1700	300
106-44-5	4-Methylphenol	340	U	1700	340
100-52-7	Benzaldehyde	200	U	1700	200
98-86-2	Acetophenone	270	U	1700	270
111-44-4	Bis(2-chloroethyl)ether	24	U	170	24
108-60-1	2,2'-oxybis[1-chloropropane]	190	U	1700	190
621-64-7	N-Nitrosodi-n-propylamine	29	U	170	29
98-95-3	Nitrobenzene	25	U	170	25
67-72-1	Hexachloroethane	19	U	170	19
78-59-1	Isophorone	210	U	1700	210
88-75-5	2-Nitrophenol	190	U	1700	190
105-67-9	2,4-Dimethylphenol	430	U	1700	430
120-83-2	2,4-Dichlorophenol	250	U	1700	250
111-91-1	Bis(2-chloroethoxy)methane	220	U	1700	220
91-20-3	Naphthalene	200	U	1700	200
106-47-8	4-Chloroaniline	460	U	1700	460
87-68-3	Hexachlorobutadiene	42	U	350	42
105-60-2	Caprolactam	400	U	1700	400
59-50-7	4-Chloro-3-methylphenol	260	U	1700	260
91-57-6	2-Methylnaphthalene	220	U	1700	220
118-74-1	Hexachlorobenzene	24	U	170	24
77-47-4	Hexachlorocyclopentadiene	200	U	1700	200
88-06-2	2,4,6-Trichlorophenol	200	U	1700	200
95-95-4	2,4,5-Trichlorophenol	220	U	1700	220
92-52-4	Diphenyl	230	U	1700	230
91-58-7	2-Chloronaphthalene	190	U	1700	190
88-74-4	2-Nitroaniline	720	U	3500	720
606-20-2	2,6-Dinitrotoluene	52	U	350	52
131-11-3	Dimethyl phthalate	210	U	1700	210
208-96-8	Acenaphthylene	200	U	1700	200
99-09-2	3-Nitroaniline	610	U	3500	610
83-32-9	Acenaphthene	250	U	1700	250

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-VD | Lab Sample ID: 460-62968-31

Matrix: Solid | Lab File ID: 112742.D

Analysis Method: 8270C | Date Collected: 09/12/2013 15:45

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.03(g) | Date Analyzed: 09/20/2013 12:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.8 | 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	1100	U	5200	1100
51-28-5	2,4-Dinitrophenol	990	U	5200	990
132-64-9	Dibenzofuran	200	U	1700	200
84-66-2	Diethyl phthalate	210	U	1700	210
86-73-7	Fluorene	220	U	1700	220
206-44-0	Fluoranthene	230	U	1700	230
84-74-2	Di-n-butyl phthalate	210	U	1700	210
121-14-2	2,4-Dinitrotoluene	57	U	350	57
7005-72-3	4-Chlorophenyl phenyl ether	200	U	1700	200
100-01-6	4-Nitroaniline	540	U	3500	540
534-52-1	4,6-Dinitro-2-methylphenol	470	U	5200	470
101-55-3	4-Bromophenyl phenyl ether	170	U	1700	170
1912-24-9	Atrazine	270	U	1700	270
120-12-7	Anthracene	210	U	1700	210
86-74-8	Carbazole	200	U	1700	200
85-01-8	Phenanthrene	220	U	1700	220
87-86-5	Pentachlorophenol	520	U	5200	520
129-00-0	Pyrene	150	U	1700	150
218-01-9	Chrysene	200	U	1700	200
207-08-9	Benzo[k]fluoranthene	13	U	170	13
191-24-2	Benzo[g,h,i]perylene	130	U	1700	130
205-99-2	Benzo[b]fluoranthene	11	U	170	11
50-32-8	Benzo[a]pyrene	12	U	170	12
56-55-3	Benzo[a]anthracene	12	U	170	12
86-30-6	N-Nitrosodiphenylamine	170	U	1700	170
85-68-7	Butyl benzyl phthalate	160	U	1700	160
117-81-7	Bis(2-ethylhexyl) phthalate	580	U	1700	580
117-84-0	Di-n-octyl phthalate	110	U	1700	110
193-39-5	Indeno[1,2,3-cd]pyrene	32	U	170	32
53-70-3	Dibenz(a,h)anthracene	22	U	170	22
91-94-1	3,3'-Dichlorobenzidine	610	U	3500	610
95-94-3	1,2,4,5-Tetrachlorobenzene	230	U	1700	230
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	1700	230

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-VD | Lab Sample ID: 460-62968-31

Matrix: Solid | Lab File ID: 112742.D

Analysis Method: 8270C | Date Collected: 09/12/2013 15:45

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.03(g) | Date Analyzed: 09/20/2013 12:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182283 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	46		38-105
4165-62-2	Phenol-d5	69		41-118
1718-51-0	Terphenyl-d14	81		16-151
118-79-6	2,4,6-Tribromophenol	54		10-120
367-12-4	2-Fluorophenol	56		37-125
321-60-8	2-Fluorobiphenyl	73		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-VD | Lab Sample ID: 460-62968-31

Matrix: Solid | Lab File ID: 112742.D

Analysis Method: 8270C | Date Collected: 09/12/2013 15:45

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.03(g) | Date Analyzed: 09/20/2013 12:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182283 | Units: ug/Kg

Number TICs Found: 14 | TIC Result Total: 42400

CAS NO.	COMPOUND NAME	RT	RESULT	Q
34303-81-6	3-Hexadecene, (Z)-	6.13	1500	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	6.97	5100	J N
	Unknown	7.05	1600	J
	Unknown	7.15	1600	J
54105-67-8	Heptadecane, 2,6-dimethyl-	7.23	7800	J N
	Unknown	7.26	1500	J
	Unknown	7.40	2000	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	7.68	9100	J N
	Unknown	7.99	1500	J
	Unknown alkane	8.02	3300	J
629-92-5	Nonadecane	8.07	1600	J N
1000282-04-8	Methoxyacetic acid, 2-tetradecyl ester	8.11	2200	J N
	Unknown	8.38	1900	J
	Unknown	8.88	1700	J

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112742.D		
Lims ID:	460-62968-E-31-B	Client ID:	PMP-2SE-VD
Inject. Date:	20-Sep-2013 12:14:30	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	460-0004829-025		
Misc. Info.:			
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	24
Lims Batch ID:	182283	Lims Sample ID:	25
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\8270_12.m		
Last Update:	20-Sep-2013 15:52:55	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 12:54:20

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	93415	11.2	
$ 6 Phenol-d5	99	2.834	2.822	0.012	99	156502	13.8	
* 13 1,4-Dichlorobenzene-d4	152	3.140	3.140	0.0	96	336085	40.0	
$ 25 Nitrobenzene-d5	82	3.757	3.734	0.023	88	49123	4.56	
* 35 Naphthalene-d8	136	4.463	4.463	0.0	99	1280439	40.0	
$ 48 2-Fluorobiphenyl	172	5.581	5.581	0.0	97	173226	7.28	
* 61 Acenaphthene-d10	164	6.216	6.216	0.0	94	704159	40.0	
$ 76 2,4,6-Tribromophenol	330	6.998	6.992	0.006	86	47667	10.8	
* 83 Phenanthrene-d10	188	7.657	7.657	0.0	98	1083505	40.0	
$ 91 Terphenyl-d14	244	9.233	9.233	0.0	98	198986	8.09	
* 96 Chrysene-d12	240	10.216	10.222	-0.006	99	1039021	40.0	
98 Bis(2-ethylhexyl) phthalate	149	10.328	10.333	-0.005	72	2349	0.1125	
* 103 Perylene-d12	264	11.798	11.804	-0.006	98	1207909	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112742.D		
Lims ID:	460-62968-E-31-B	Client ID:	PMP-2SE-VD
Inject. Date:	20-Sep-2013 12:14:30	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	460-0004829-025		
Misc. Info.:			
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	24
Lims Batch ID:	182283	Lims Sample ID:	25
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\8270_12.m		
Last Update:	20-Sep-2013 15:52:55	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 12:54:20

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
	34303-81-6	3-Hexadecene, (Z)-				
6.134	361958	4.40	61	93	72495	
	3892-00-0	Pentadecane, 2,6,10-trimethyl-				
6.969	1109729	14.5	83	94	91053	
		Unknown				
7.051	343203	4.49	83	0	0	
		Unknown				
7.145	345892	4.53	83			
	54105-67-8	Heptadecane, 2,6-dimethyl-				
7.228	1699311	22.3	83	93	99490	
		Unknown				
7.257	336340	4.40	83			
		Unknown				
7.404	430258	5.63	83			
	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-				
7.681	1987874	26.0	83	91	107670	
		Unknown				
7.992	318968	4.18	83			
		Unknown alkane				
8.022	724374	9.49	83	0	0	
	629-92-5	Nonadecane				
8.069	350157	4.59	83	96	99476	
	1000282-04-8	Methoxyacetic acid, 2-tetradecyl ester				
8.110	491429	6.44	83	87	109917	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
		Unknown				
8.381	420243	5.50	83			
		Unknown				
8.875	369389	4.84	83			

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	6.210	3291013	40.0
* 83 Phenanthrene-d10	7.657	3054234	40.0

QC Flag Legend

Processing Flags

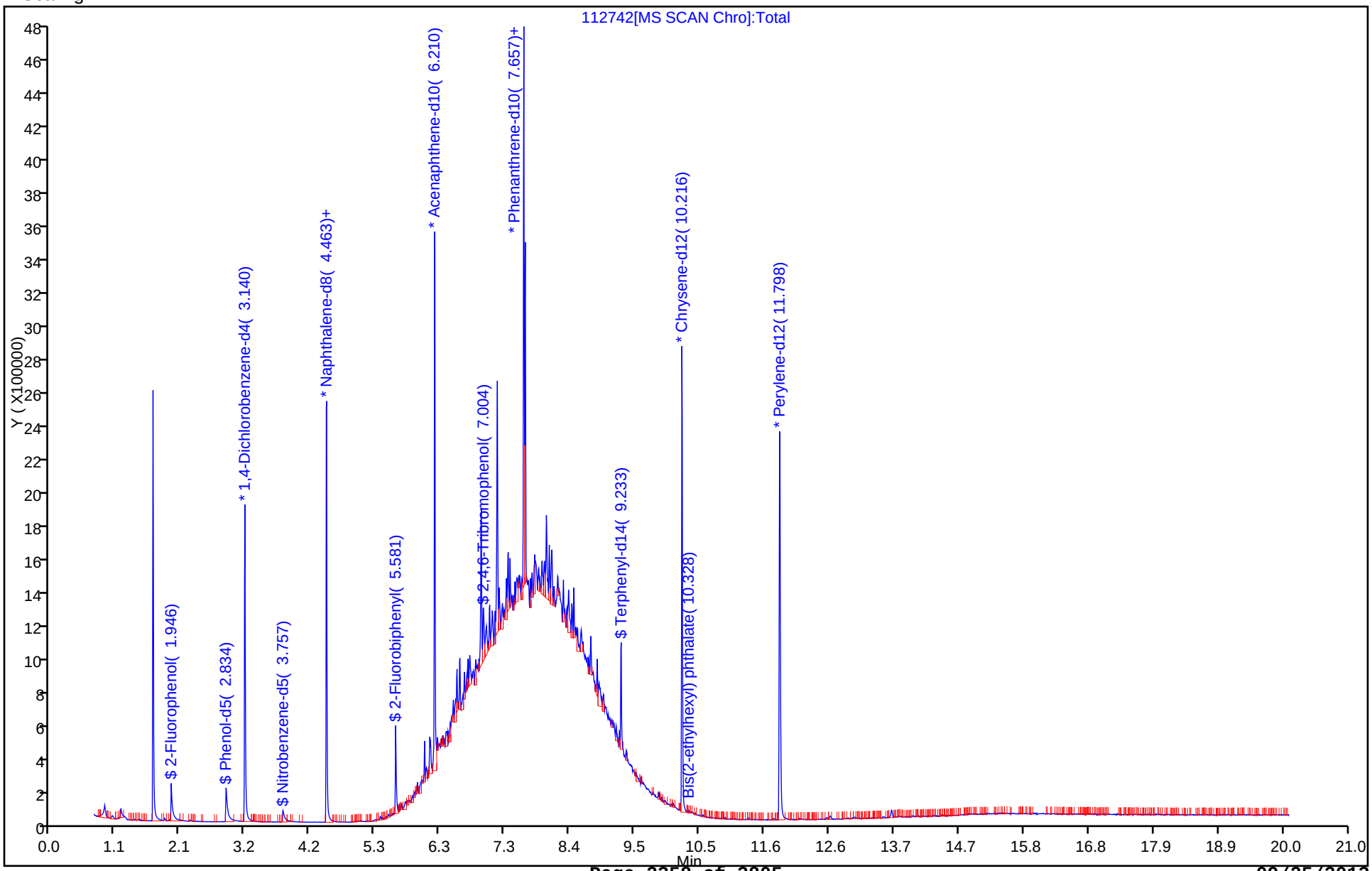
Report Date: 20-Sep-2013 15:52:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112742.D

Injection Date:	20-Sep-2013 12:14:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	25
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



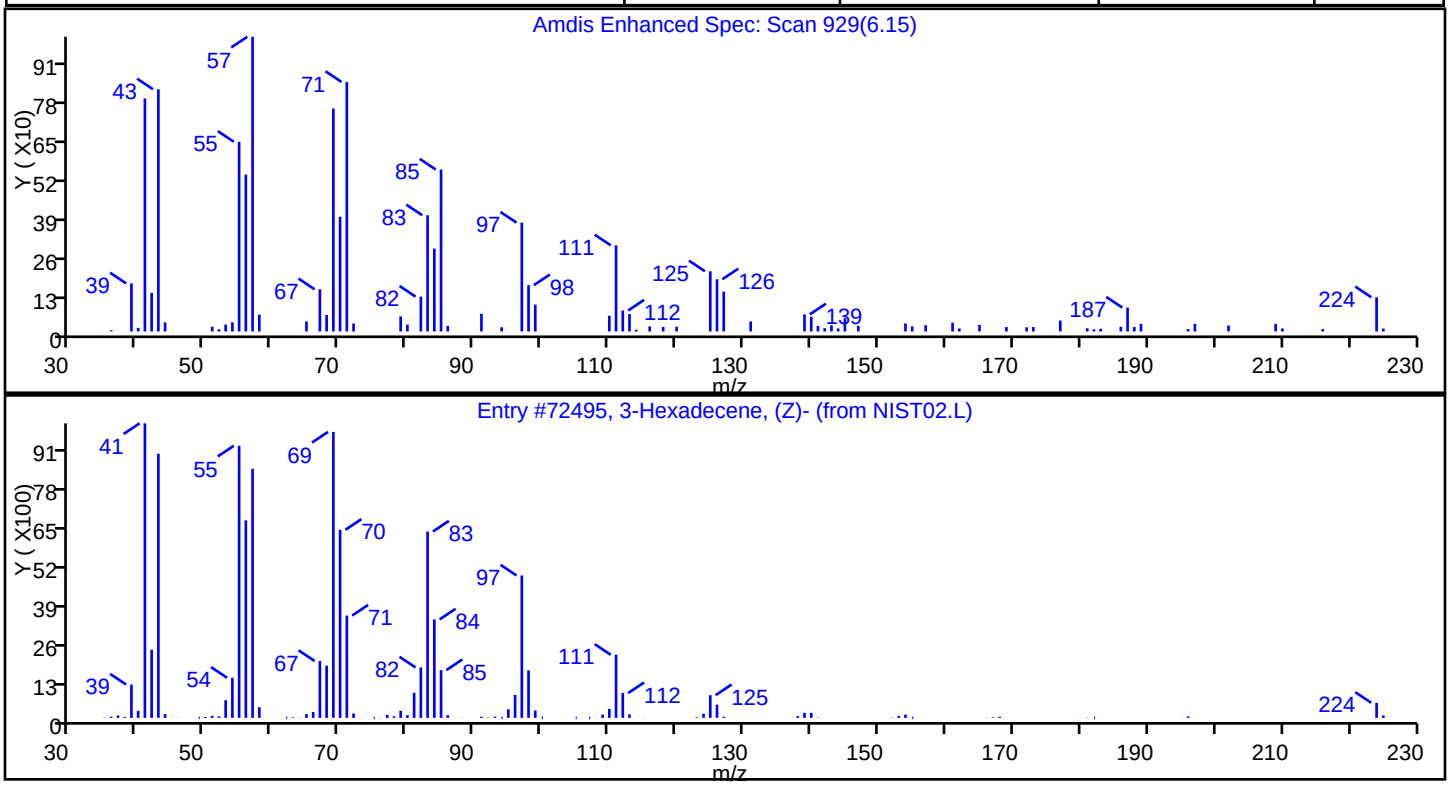
Report Date: 20-Sep-2013 15:52:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112742.D

Injection Date:	20-Sep-2013 12:14:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	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
3-Hexadecene, (Z)-	34303-81-6	NIST02.L	72495	93



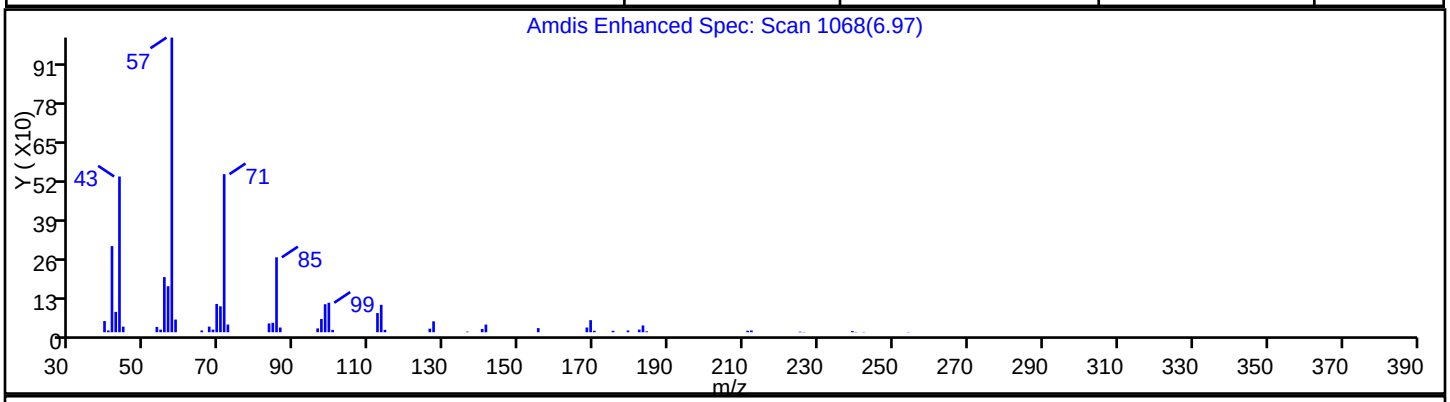
Report Date: 20-Sep-2013 15:52:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

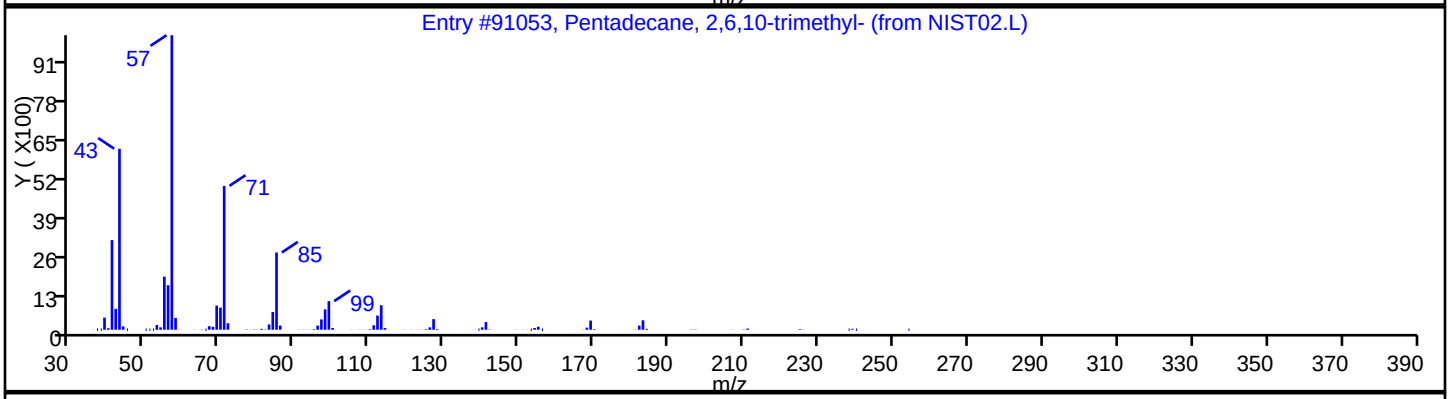
TestAmerica Edison

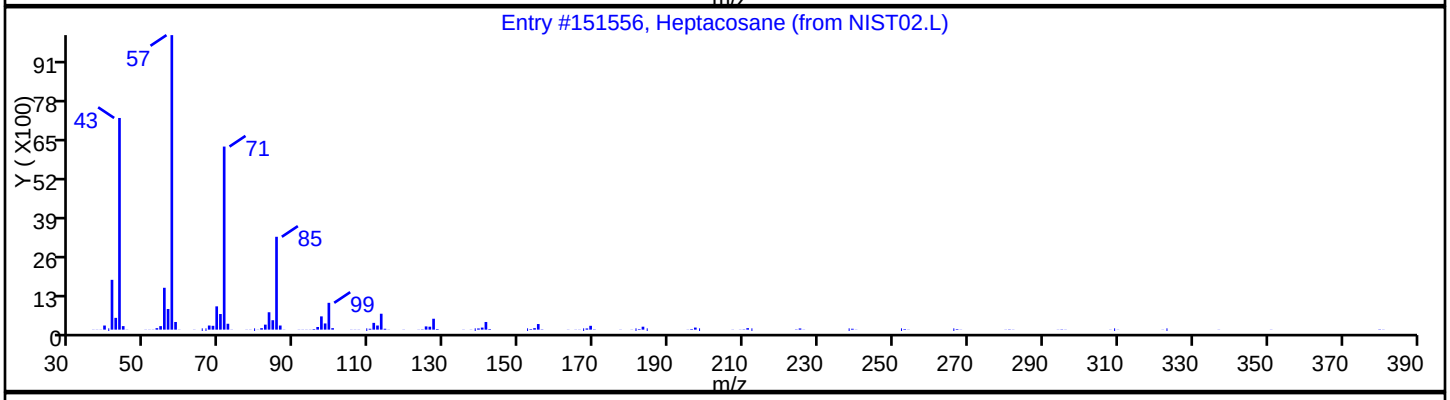
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112742.D

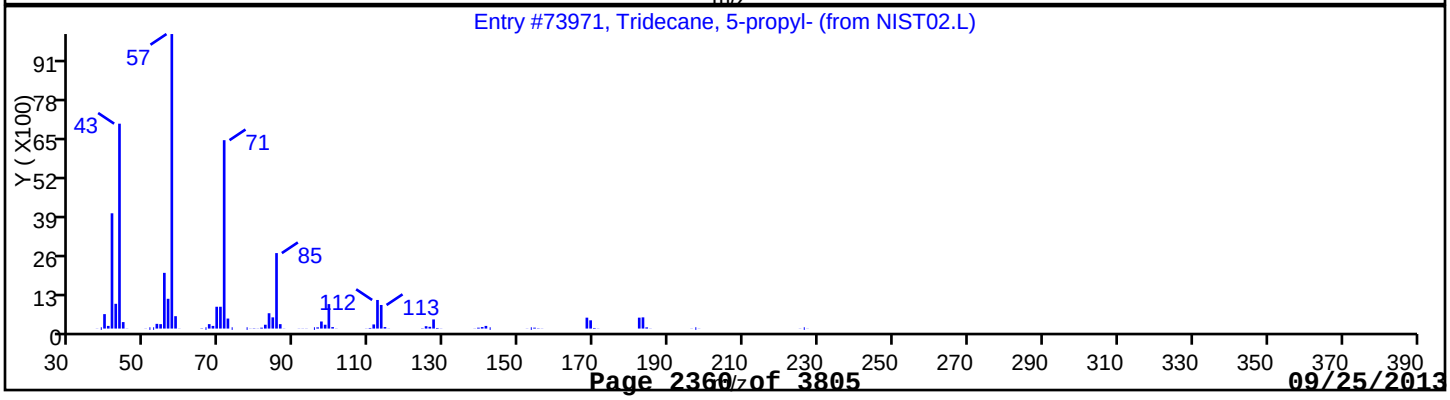
Injection Date:	20-Sep-2013 12:14:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	25
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	94
Heptacosane	593-49-7	NIST02.L	151556	86
Tridecane, 5-propyl-	55045-11-9	NIST02.L	73971	83









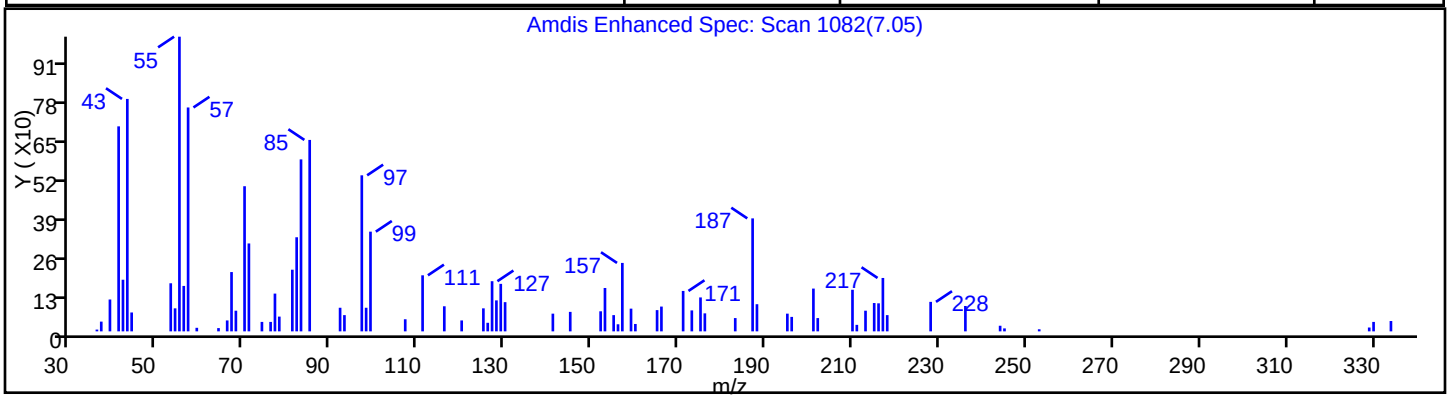
Report Date: 20-Sep-2013 15:52:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

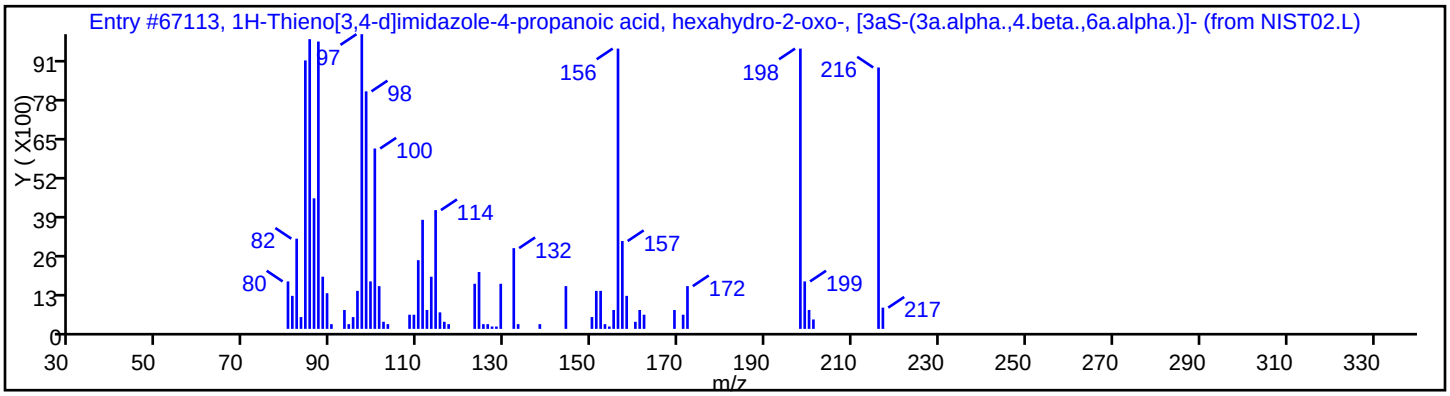
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112742.D

Injection Date:	20-Sep-2013 12:14:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	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
Unknown		NIST02.L	0	0
1H-Thieno[3,4-d]imidazole-4-propanoic ac	16968-98-2	NIST02.L	67113	83



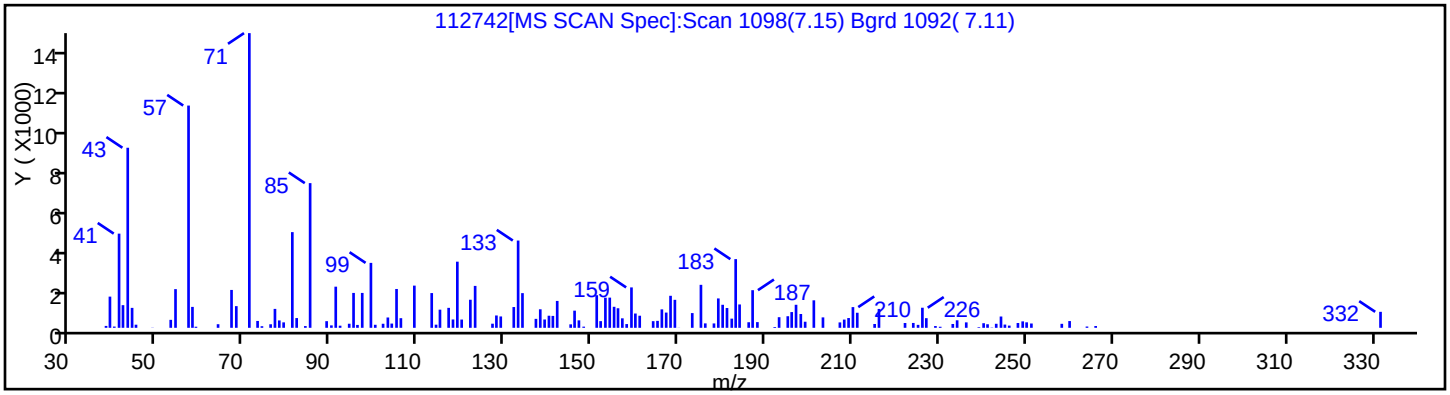


Report Date: 20-Sep-2013 15:52:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112742.D		
Injection Date:	20-Sep-2013 12:14:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	25
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

No Library Matches Found above the Threshold: 75



Report Date: 20-Sep-2013 15:52:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112742.D

Injection Date: 20-Sep-2013 12:14:30 Limit Group: SV 8270 ICAL

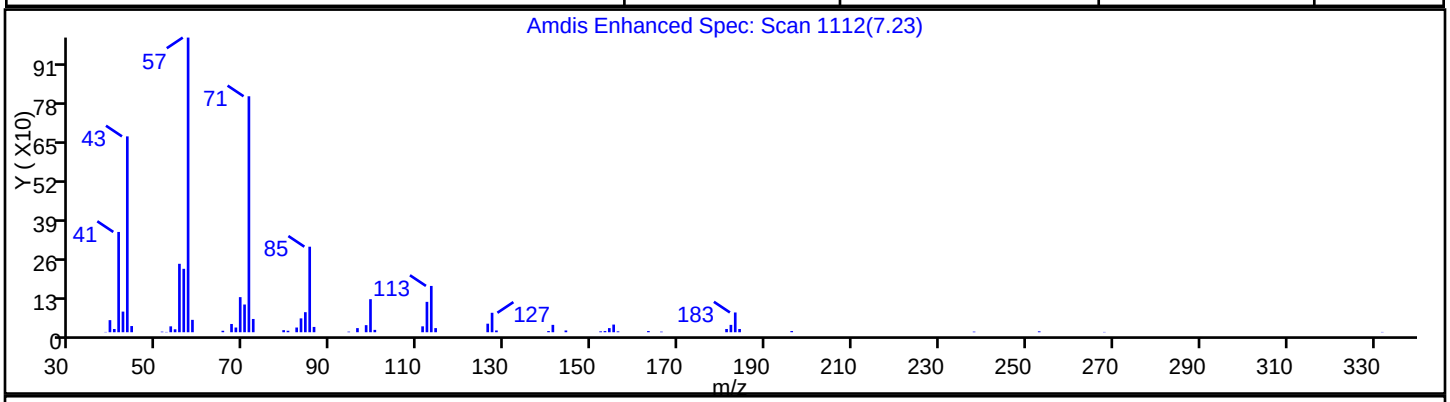
Client ID: PMP-2SE-VD Instrument ID: CBNAMS12

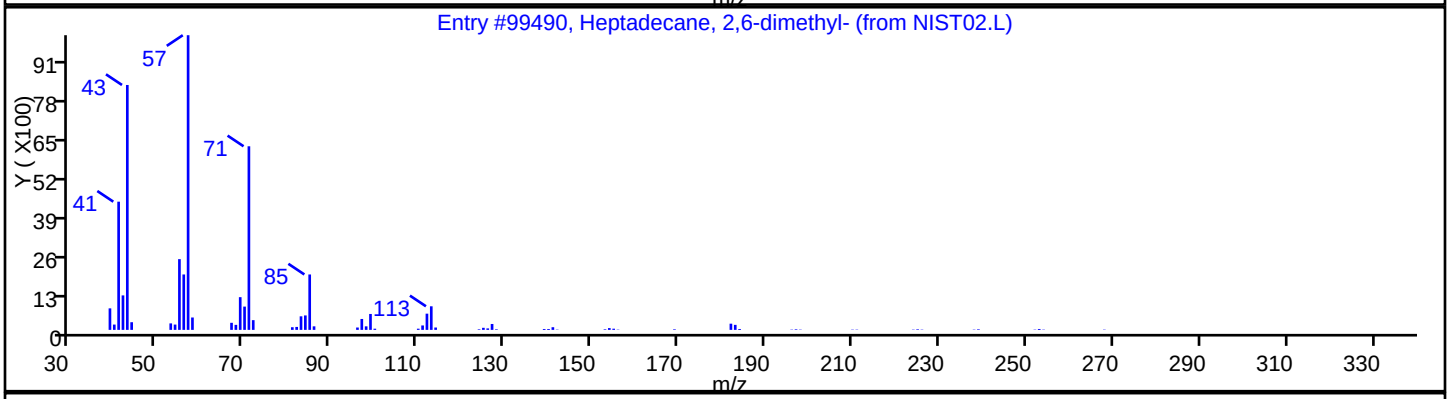
Lims Batch ID: 182283 Lims Sample ID: 25

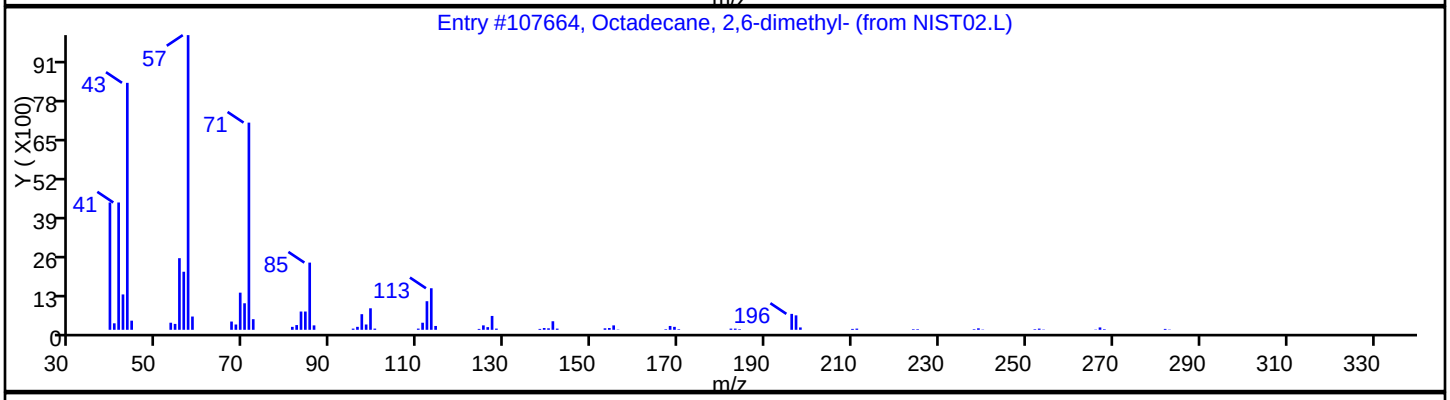
Operator ID: BNA 12 Injection Vol: 1.0 ul

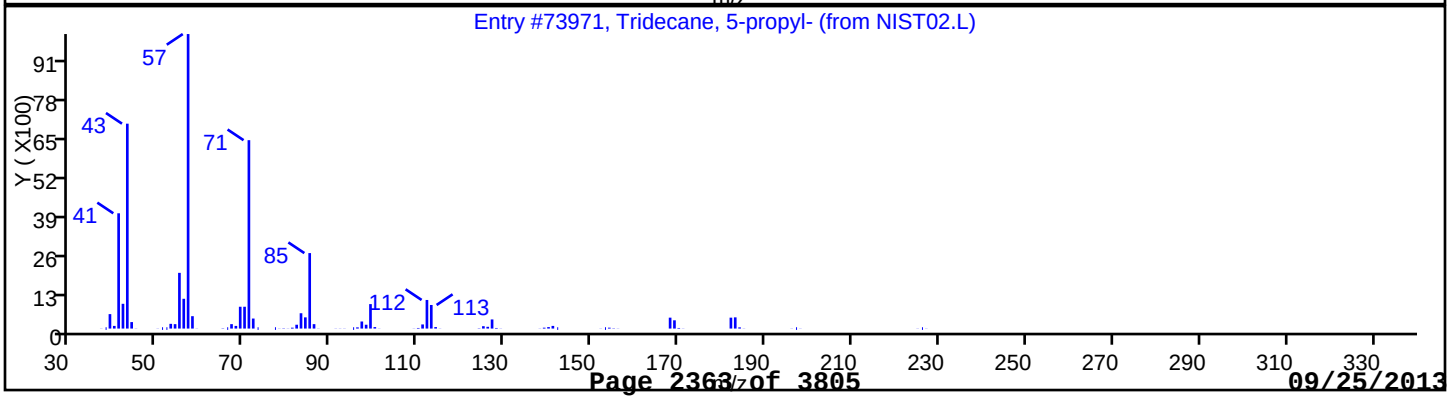
Column Type: Column Dia:

Library Search Compound Match	CAS Number	Library	Entry	Quality
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	93
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.L	107664	90
Tridecane, 5-propyl-	55045-11-9	NIST02.L	73971	86









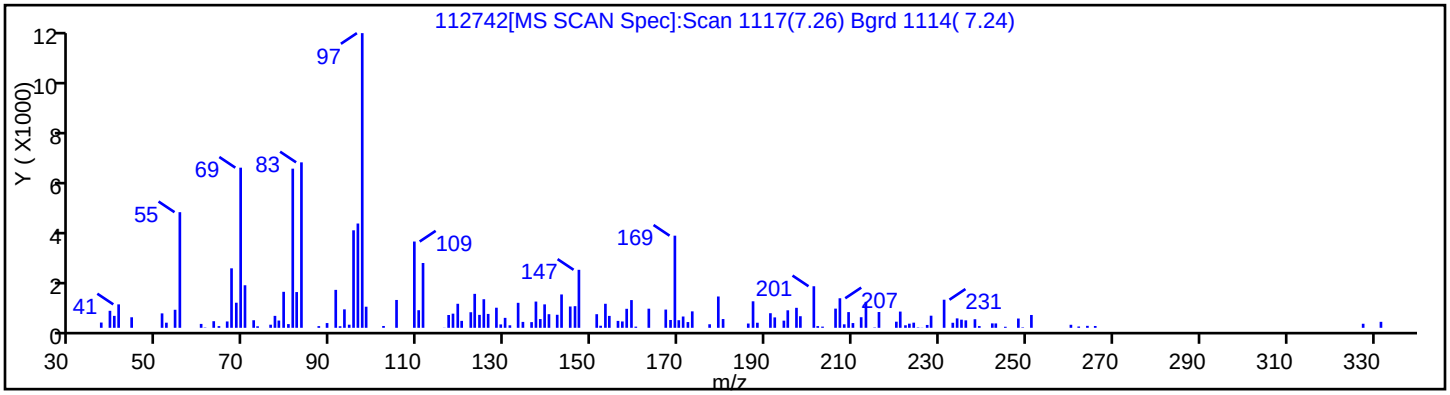
Report Date: 20-Sep-2013 15:52:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112742.D

Injection Date:	20-Sep-2013 12:14:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	25
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

No Library Matches Found above the Threshold: 75

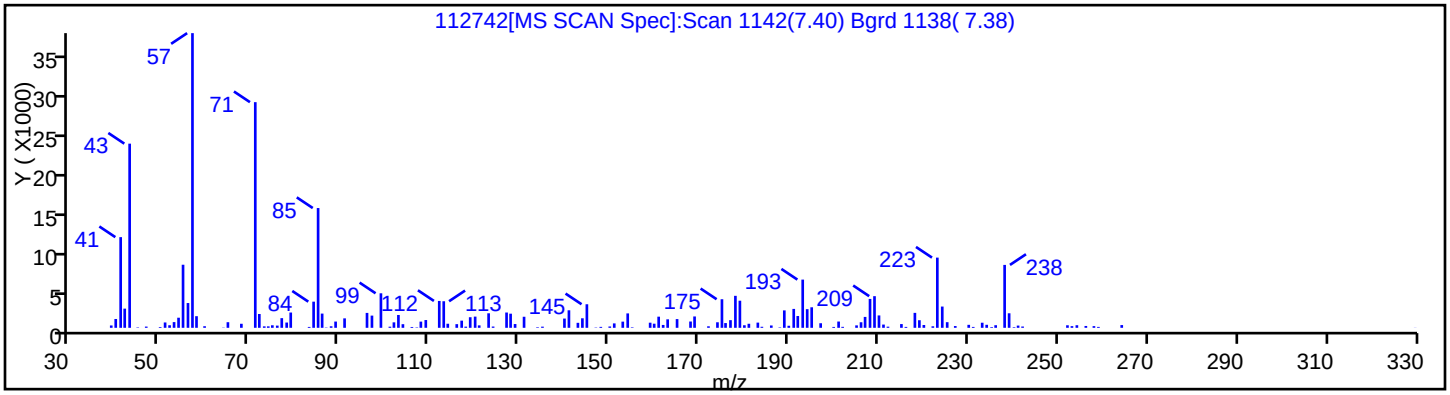


Report Date: 20-Sep-2013 15:52:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112742.D		
Injection Date:	20-Sep-2013 12:14:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	25
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

No Library Matches Found above the Threshold: 75



Report Date: 20-Sep-2013 15:52:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

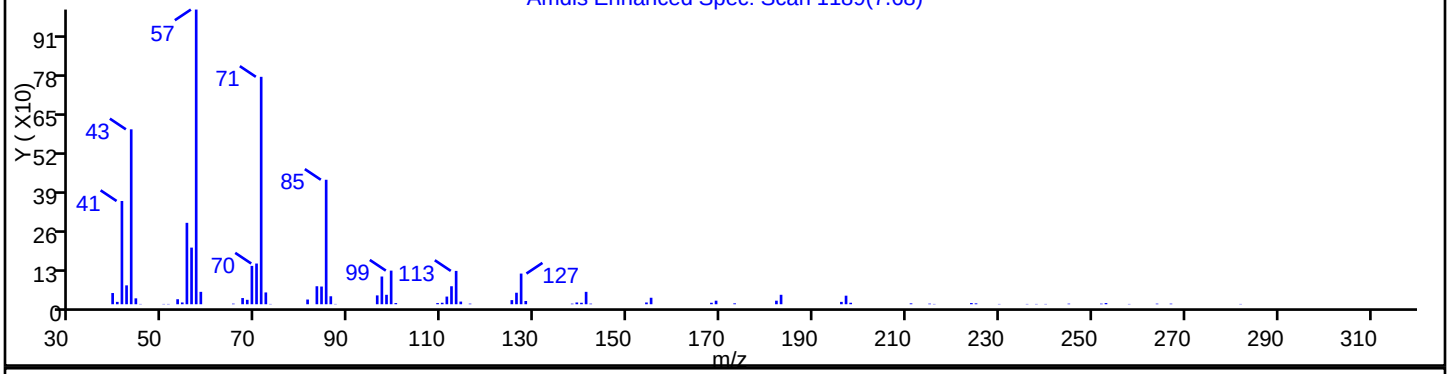
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112742.D

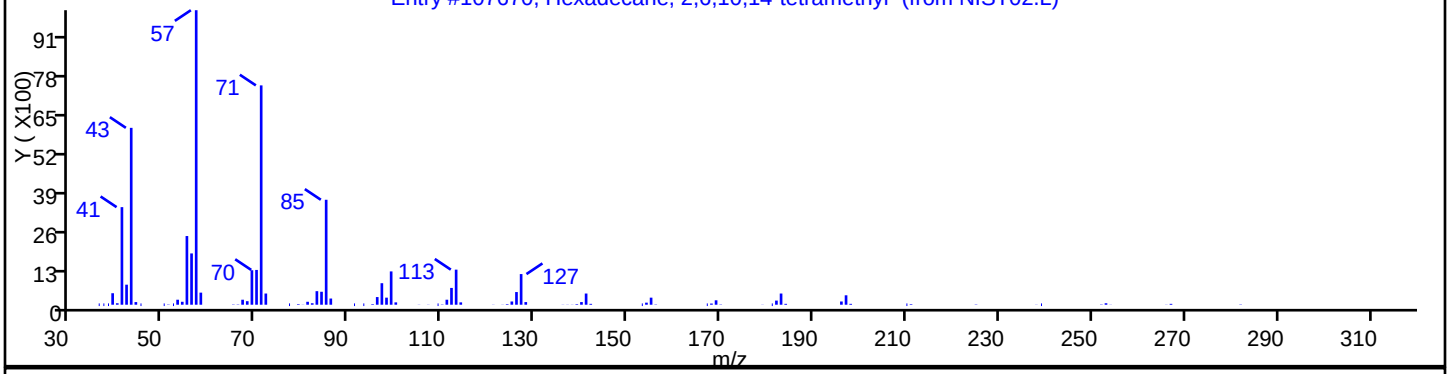
Injection Date:	20-Sep-2013 12:14:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	25
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	91
Docosane	629-97-0	NIST02.L	123095	90
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	87

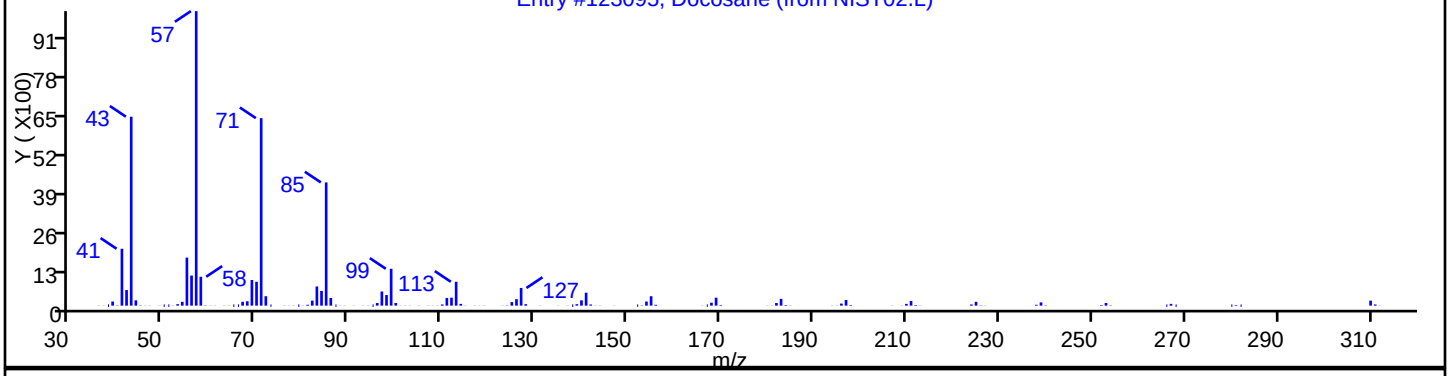
Amdis Enhanced Spec: Scan 1189(7.68)



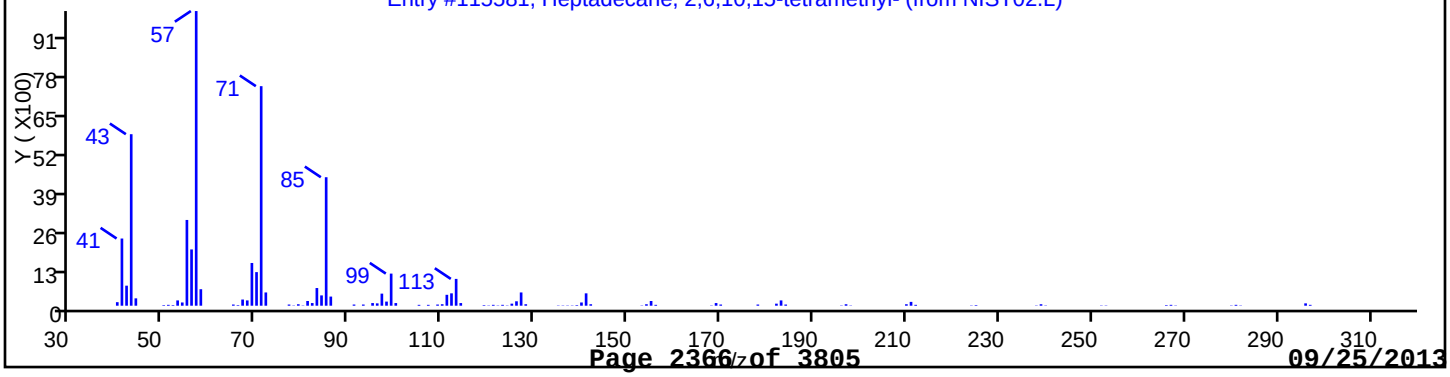
Entry #107670, Hexadecane, 2,6,10,14-tetramethyl- (from NIST02.L)



Entry #123095, Docosane (from NIST02.L)



Entry #115581, Heptadecane, 2,6,10,15-tetramethyl- (from NIST02.L)

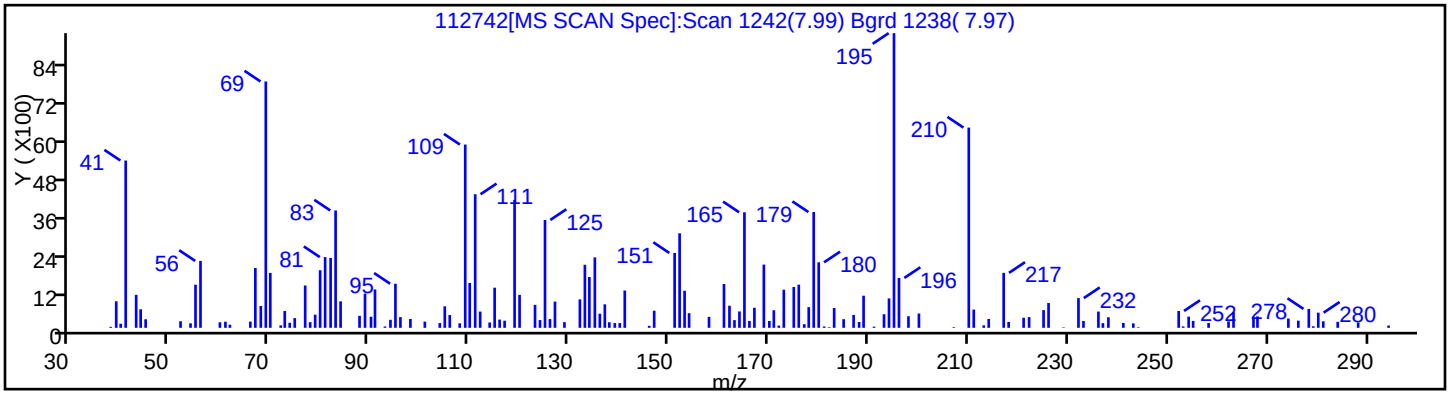


Report Date: 20-Sep-2013 15:52:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112742.D		
Injection Date:	20-Sep-2013 12:14:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	25
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

No Library Matches Found above the Threshold: 75



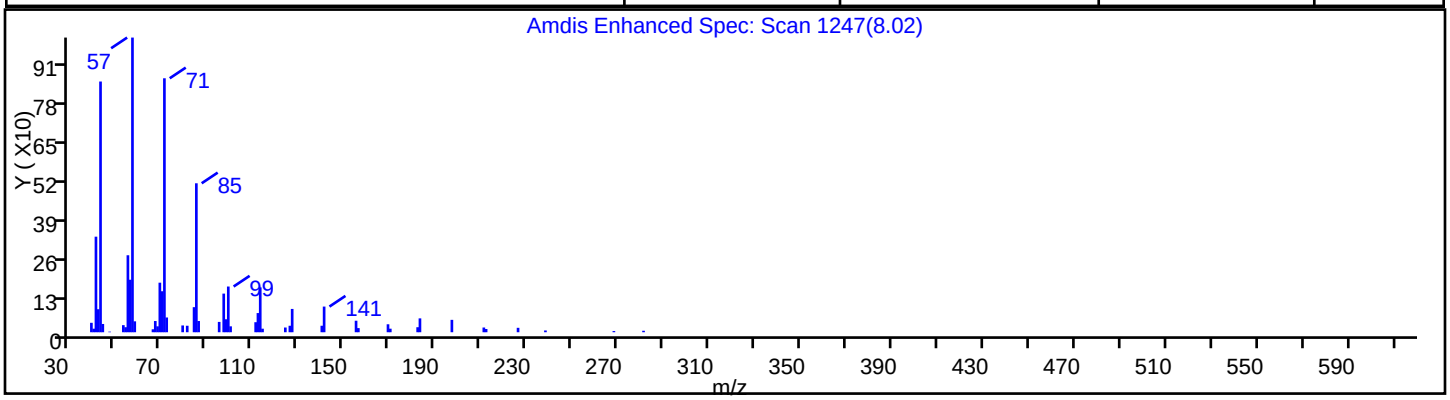
Report Date: 20-Sep-2013 15:52:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

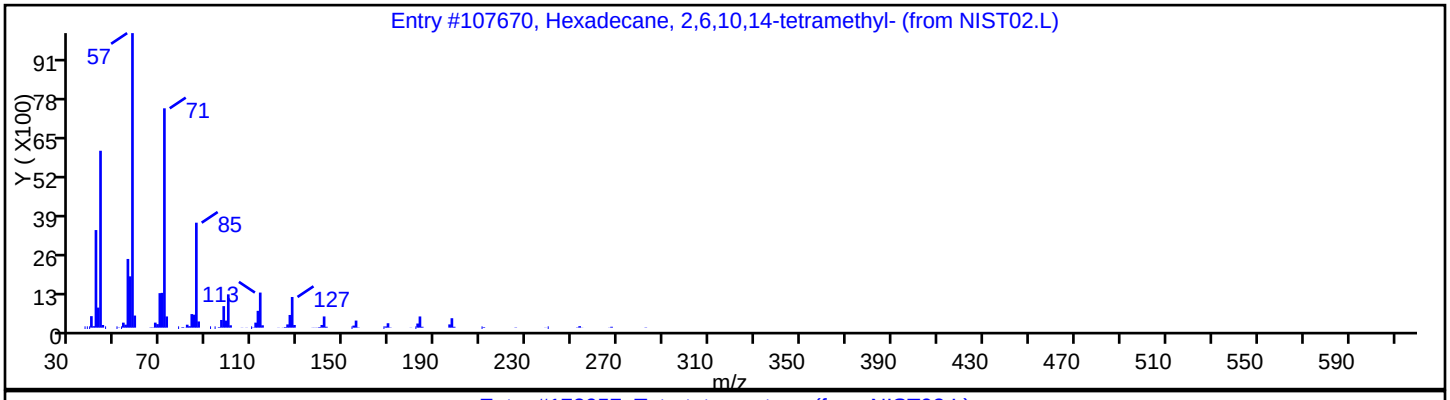
TestAmerica Edison

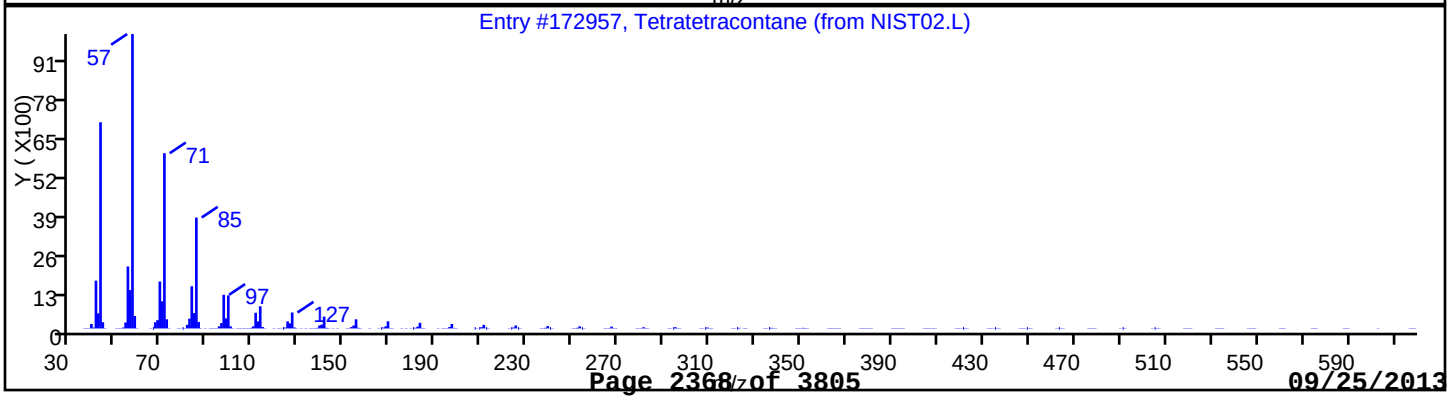
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112742.D

Injection Date:	20-Sep-2013 12:14:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	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
Unknown alkane		NIST02.L	0	0
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	91
Tetratetracontane	7098-22-8	NIST02.L	172957	91







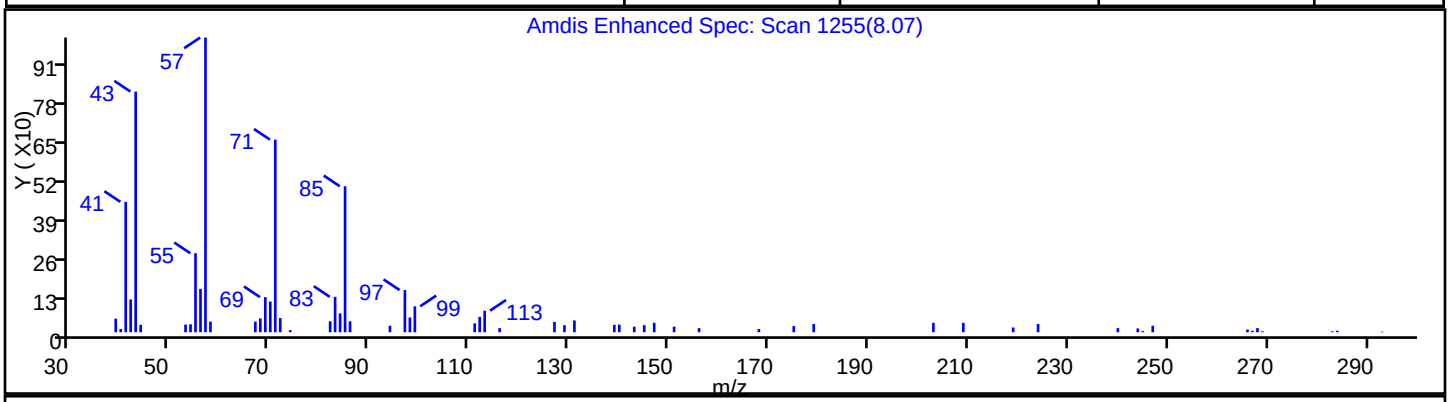
Report Date: 20-Sep-2013 15:52:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

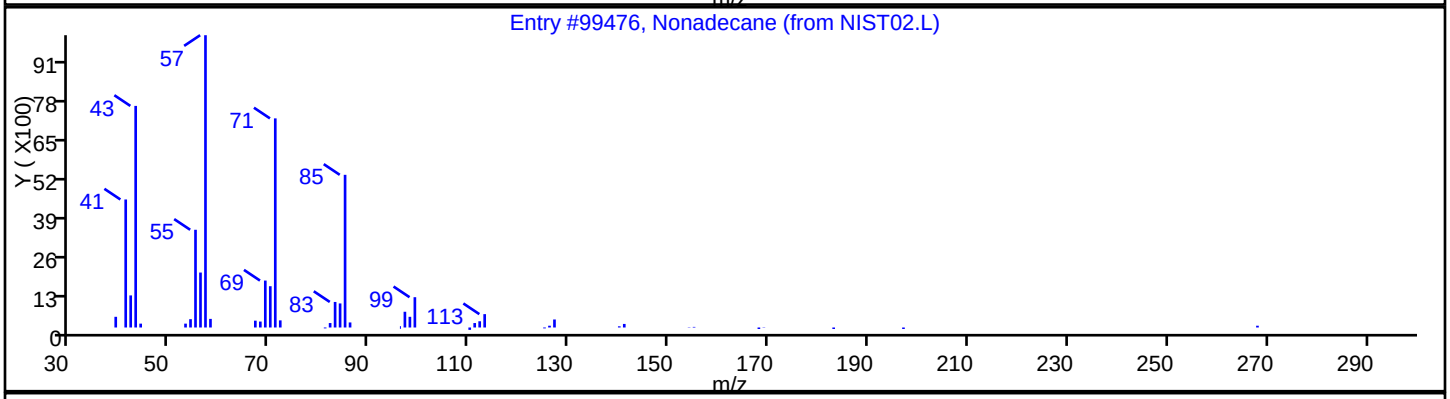
TestAmerica Edison

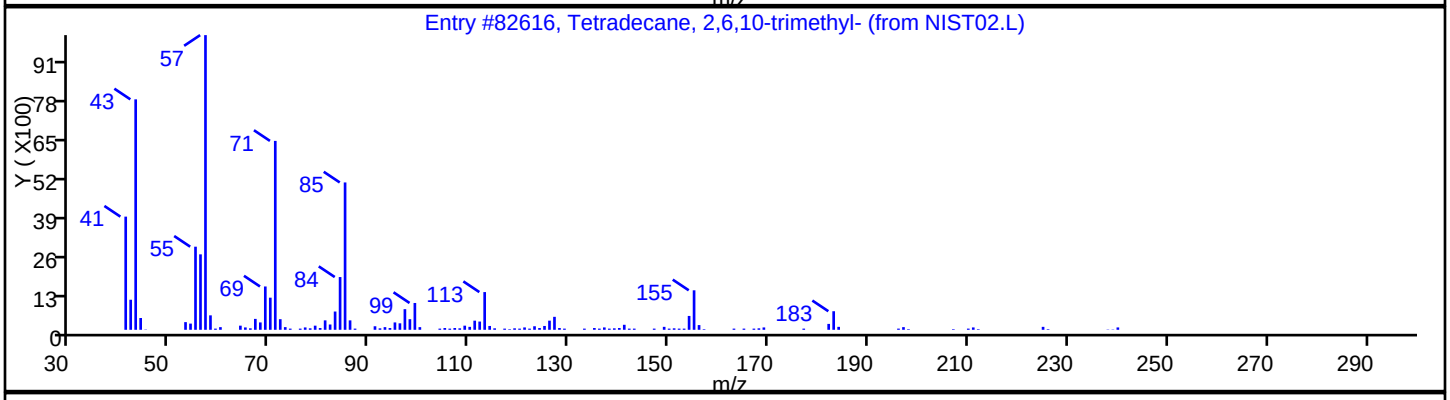
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112742.D

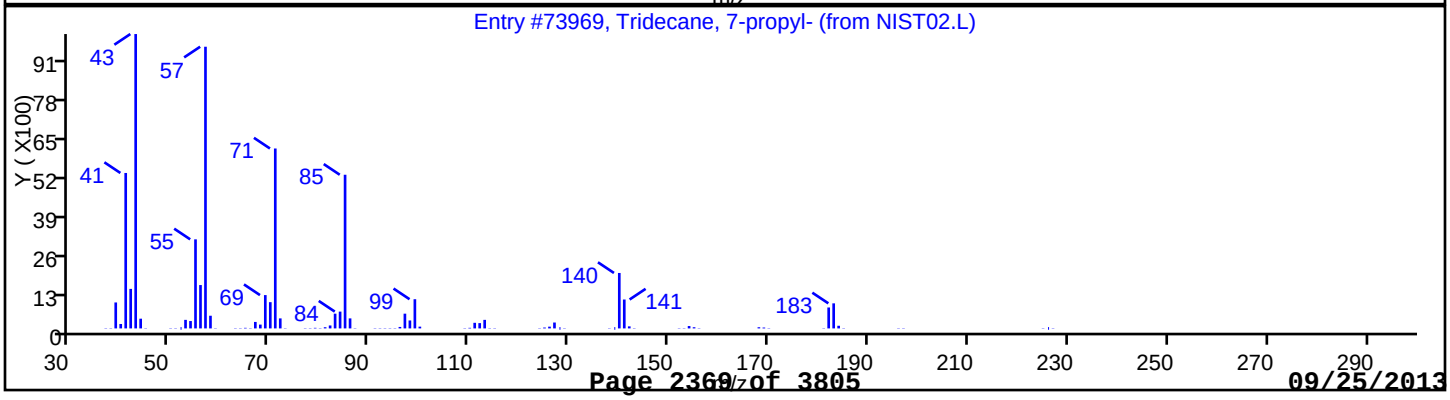
Injection Date:	20-Sep-2013 12:14:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	25
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Nonadecane	629-92-5	NIST02.L	99476	96
Tetradecane, 2,6,10-trimethyl-	14905-56-7	NIST02.L	82616	80
Tridecane, 7-propyl-	55045-09-5	NIST02.L	73969	72









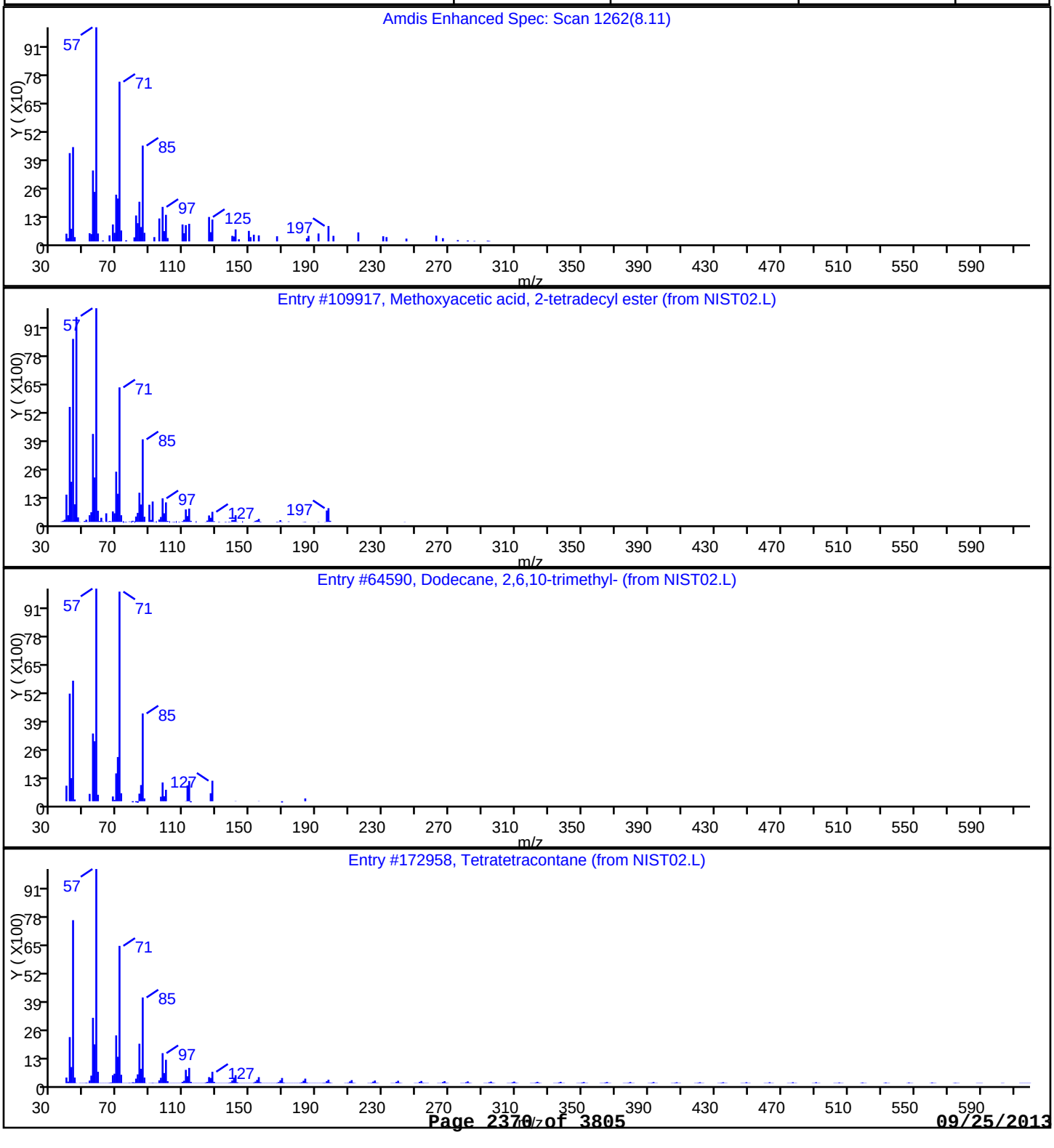
Report Date: 20-Sep-2013 15:52:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112742.D

Injection Date:	20-Sep-2013 12:14:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	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
Methoxyacetic acid, 2-tetradecyl ester	1000282-04-8	NIST02.L	109917	87
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	86
Tetratetracontane	7098-22-8	NIST02.L	172958	83

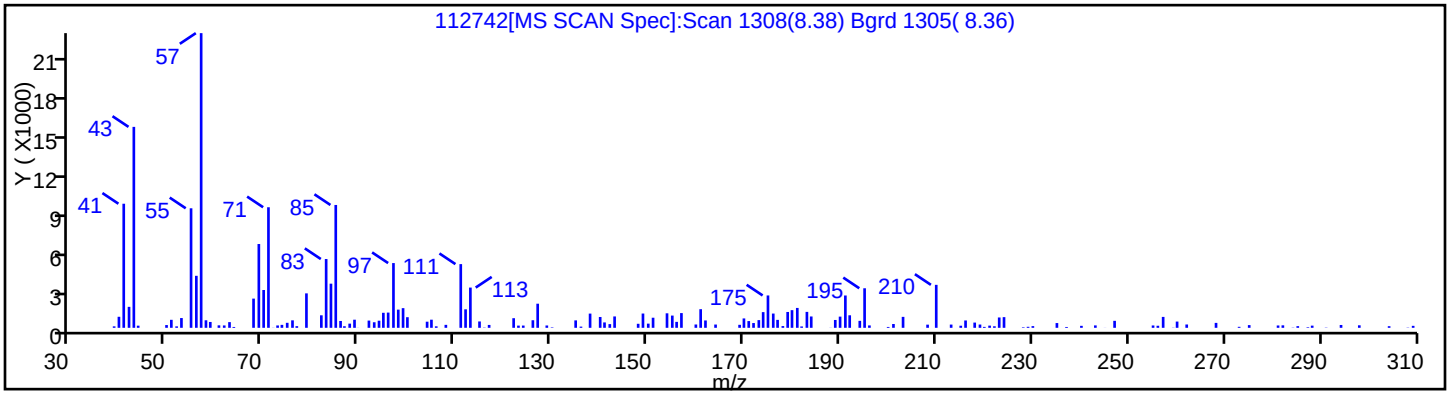


Report Date: 20-Sep-2013 15:53:00 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112742.D		
Injection Date:	20-Sep-2013 12:14:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	25
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

No Library Matches Found above the Threshold: 75

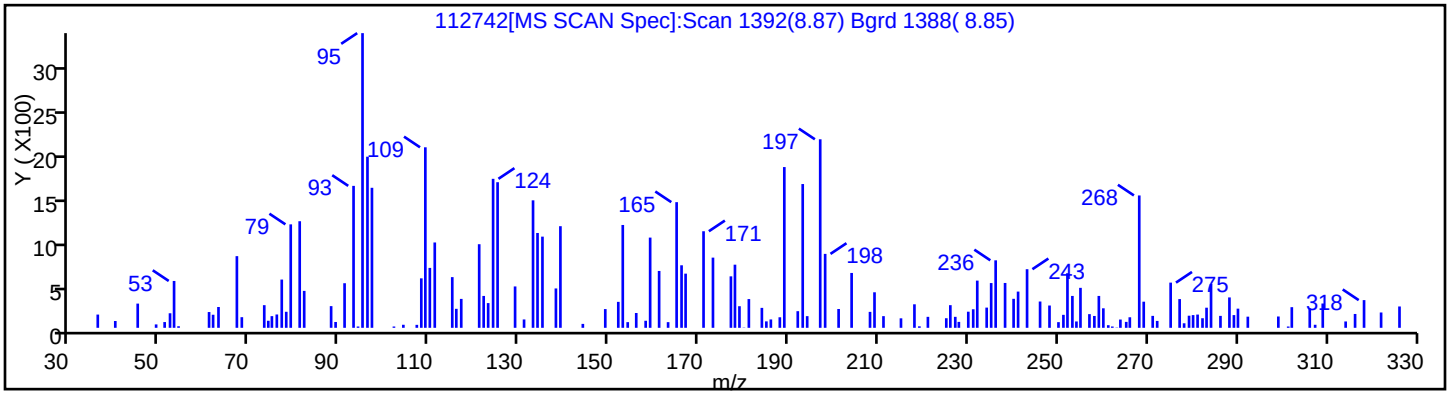


Report Date: 20-Sep-2013 15:53:00 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112742.D		
Injection Date:	20-Sep-2013 12:14:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-VD	Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	25
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-WT | Lab Sample ID: 460-62968-32

Matrix: Solid | Lab File ID: 112751.D

Analysis Method: 8270C | Date Collected: 09/12/2013 15:50

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 17:29

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.: 182394 | 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-WT | Lab Sample ID: 460-62968-32

Matrix: Solid | Lab File ID: 112751.D

Analysis Method: 8270C | Date Collected: 09/12/2013 15:50

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 17:29

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.: 182394 | 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	650	J	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	380	J	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	460	U	3500	460

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-WT | Lab Sample ID: 460-62968-32

Matrix: Solid | Lab File ID: 112751.D

Analysis Method: 8270C | Date Collected: 09/12/2013 15:50

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 17:29

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.: 182394 | 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-WT | Lab Sample ID: 460-62968-32

Matrix: Solid | Lab File ID: 112751.D

Analysis Method: 8270C | Date Collected: 09/12/2013 15:50

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 17:29

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.: 182394 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 329000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown alkane	5.72	17000	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	6.04	16000	J N
629-62-9	Pentadecane	6.25	35000	J N
31081-17-1	Nonane, 2-methyl-5-propyl-	6.46	10000	J N
6117-98-2	2,3-Dimethyldodecane	6.56	11000	J N
544-76-3	Hexadecane	6.74	37000	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	6.95	29000	J N
	Unknown Cycloalkane	7.03	11000	J
629-59-4	Tetradecane	7.22	73000	J N
2050-68-2	1,1'-Biphenyl, 4,4'-dichloro-	7.25	12000	J N
	Unknown	7.31	11000	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	7.66	23000	J N
	Unknown alkane	7.81	11000	J
35693-92-6	1,1'-Biphenyl, 2,4,6-trichloro-	8.01	21000	J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	8.76	12000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112751.D		
Lims ID:	460-62968-E-32-B	Client ID:	PMP-2SE-WT
Inject. Date:	20-Sep-2013 17:29:30	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004854-007		
Misc. Info.:	460-62968-E-32-B		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	182394	Lims Sample ID:	7
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\8270_12.m		
Last Update:	20-Sep-2013 18:26:04	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 18:26:04

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
* 13 1,4-Dichlorobenzene-d4	152	3.123	3.123	0.0	95	489096	40.0	
* 35 Naphthalene-d8	136	4.446	4.446	0.0	99	1834229	40.0	
41 2-Methylnaphthalene	142	5.205	5.176	0.029	75	8127	0.2734	
* 61 Acenaphthene-d10	164	6.199	6.199	0.0	94	926437	40.0	
70 Fluorene	166	6.740	6.734	0.006	38	27714	0.9198	
* 83 Phenanthrene-d10	188	7.640	7.634	0.006	98	1323428	40.0	
90 Pyrene	202	9.034	9.023	0.011	89	20273	0.5441	
* 96 Chrysene-d12	240	10.199	10.199	0.0	99	1131823	40.0	
* 103 Perylene-d12	264	11.775	11.775	0.0	98	1043070	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112751.D		
Lims ID:	460-62968-E-32-B	Client ID:	PMP-2SE-WT
Inject. Date:	20-Sep-2013 17:29:30	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004854-007		
Misc. Info.:	460-62968-E-32-B		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	182394	Lims Sample ID:	7
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\8270_12.m		
Last Update:	20-Sep-2013 18:26:04	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 18:26:04

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
		Unknown alkane				
5.717	3015609	24.3	61	0	0	
	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-				
6.035	2744379	22.1	61	86	107670	
	629-62-9	Pentadecane				
6.246	6112710	49.3	61	93	64575	
	31081-17-1	Nonane, 2-methyl-5-propyl-				
6.464	1834552	14.8	61	86	45624	
	6117-98-2	2,3-Dimethyldodecane				
6.558	1907325	15.4	61	90	55011	
	544-76-3	Hexadecane				
6.735	6447814	52.0	61	97	73967	
	3892-00-0	Pentadecane, 2,6,10-trimethyl-				
6.952	6172142	40.9	83	93	91053	M
		Unknown Cycloalkane				
7.029	2333866	15.5	83	0	0	M
	629-59-4	Tetradecane				
7.217	15616306	103.5	83	91	55008	M
	2050-68-2	1,1'-Biphenyl, 4,4'-dichloro-				
7.252	2637489	17.5	83	97	70604	M
		Unknown				
7.305	2309008	15.3	83	0	0	M
	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-				
7.664	4819246	31.9	83	91	107670	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
		Unknown alkane				
7.811	2288037	15.2	83	0	0	M
	35693-92-6	1,1'-Biphenyl, 2,4,6-trichloro-				
8.011	4467833	29.6	83	99	91785	M
	32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-				
8.758	2618596	17.4	83	99	111742	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	6.199	4962998	40.0
* 83 Phenanthrene-d10	7.640	6034481	40.0

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

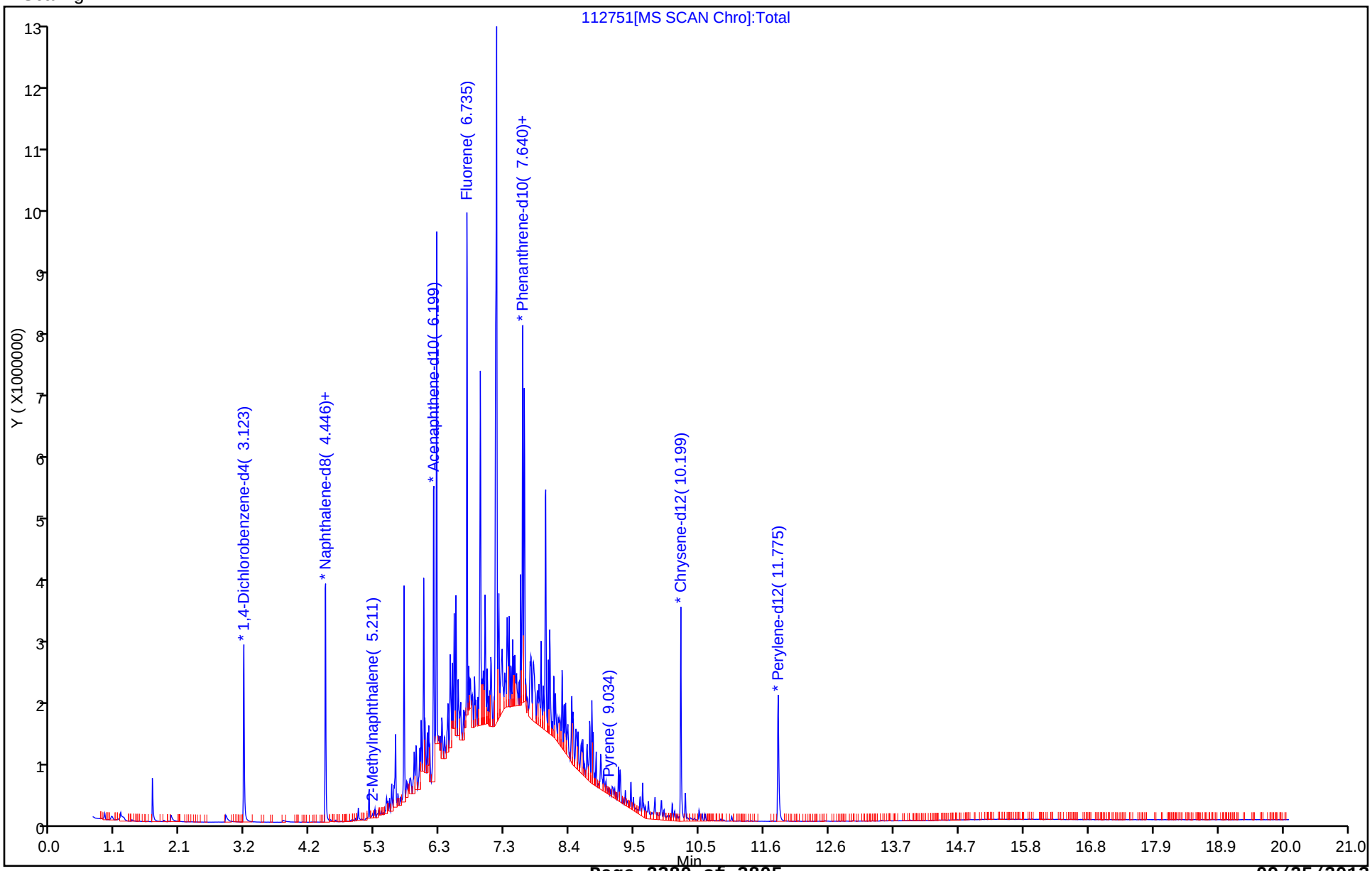
Report Date: 20-Sep-2013 18:26:05 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112751.D

Injection Date:	20-Sep-2013 17:29:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	7
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Report Date: 20-Sep-2013 18:26:05 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

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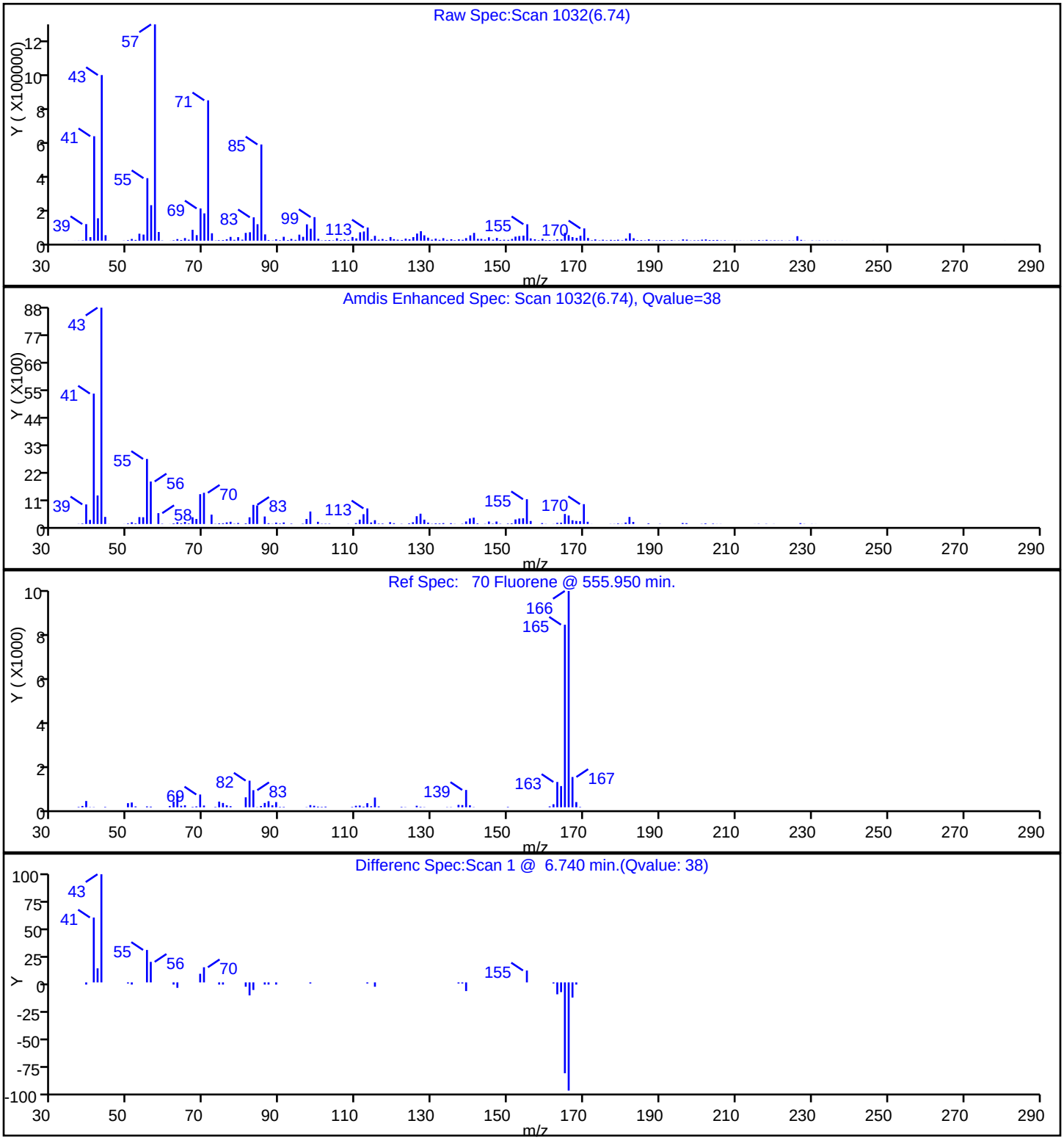
Injection Date:	20-Sep-2013 17:29:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	7
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

70 Fluorene

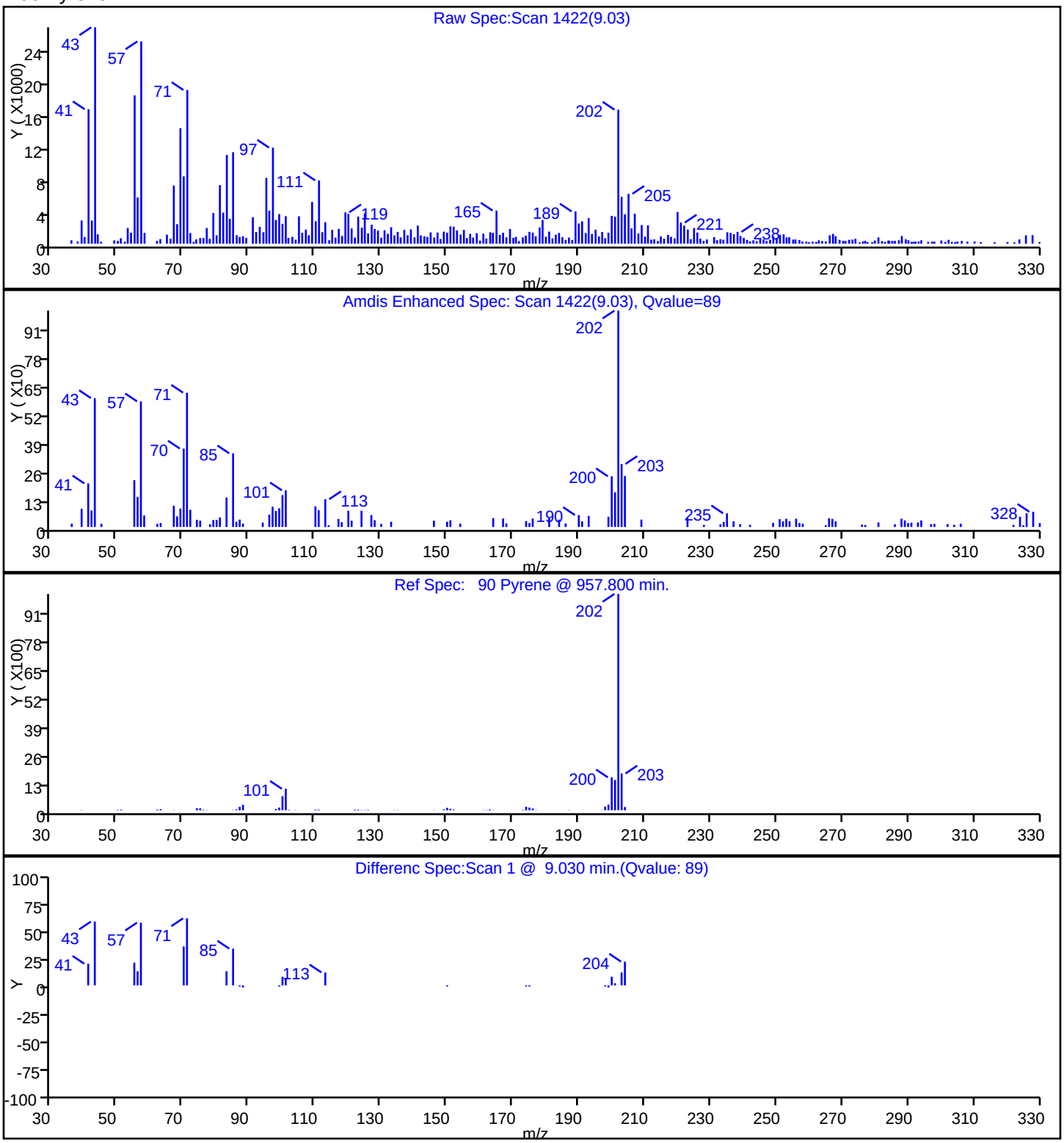


Report Date: 20-Sep-2013 18:26:05 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112751.D		
Injection Date:	20-Sep-2013 17:29:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	7
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

90 Pyrene



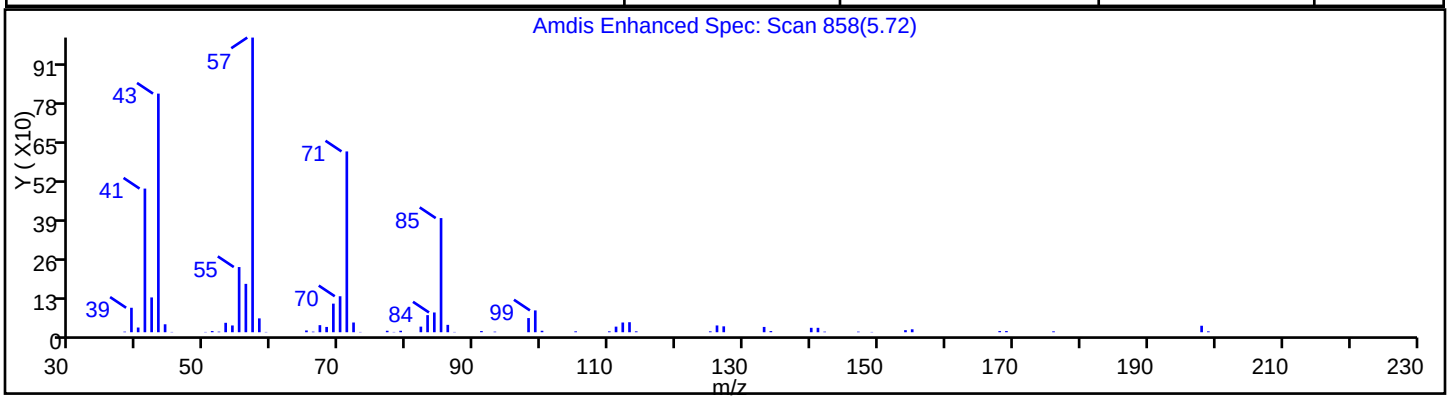
Report Date: 20-Sep-2013 18:26:05 Chrom Revision: 2.1 25-Jul-2013 20:19:50

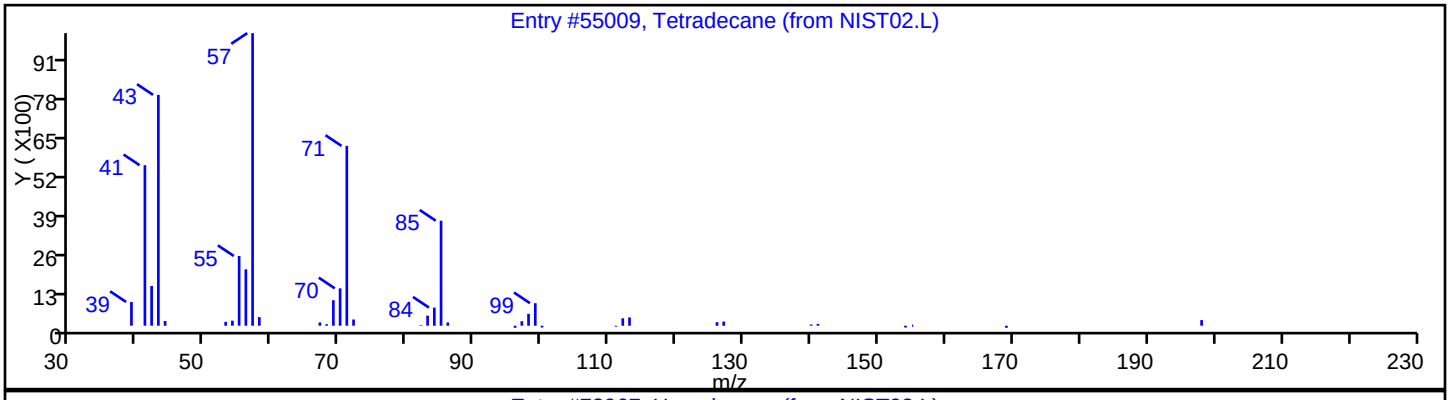
TestAmerica Edison

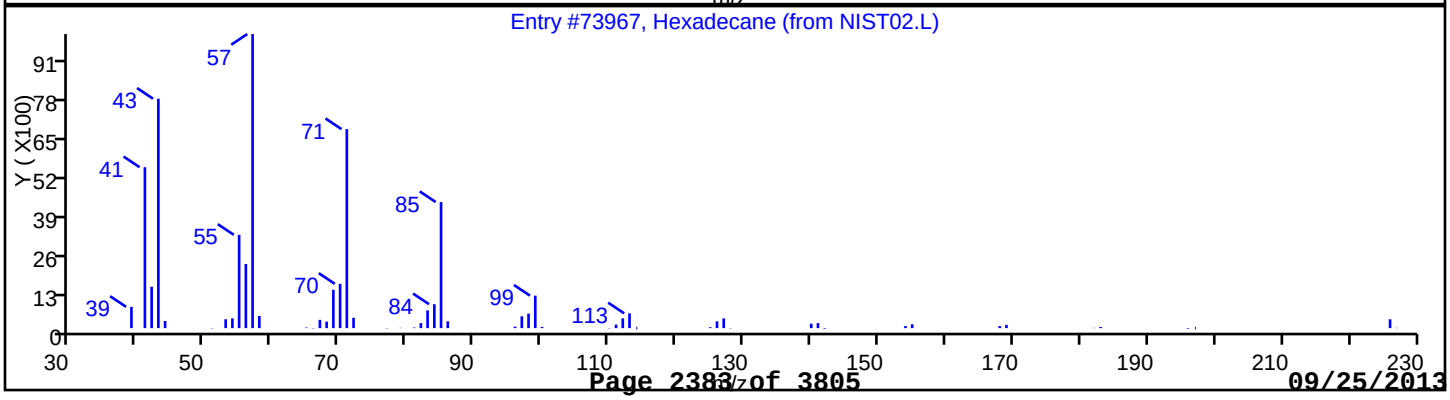
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112751.D

Injection Date:	20-Sep-2013 17:29:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	7
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	55009	96
Hexadecane	544-76-3	NIST02.L	73967	91







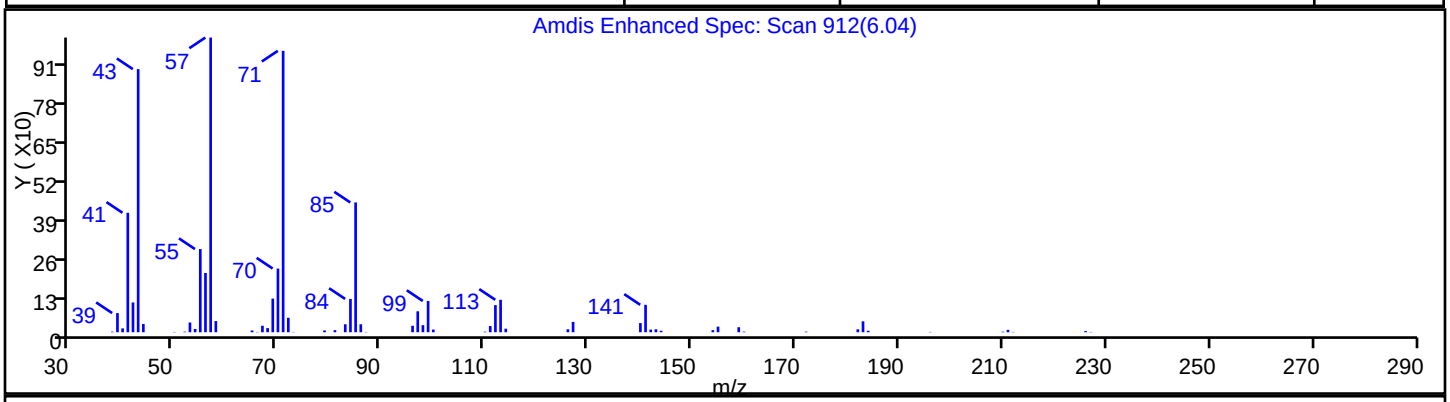
Report Date: 20-Sep-2013 18:26:05 Chrom Revision: 2.1 25-Jul-2013 20:19:50

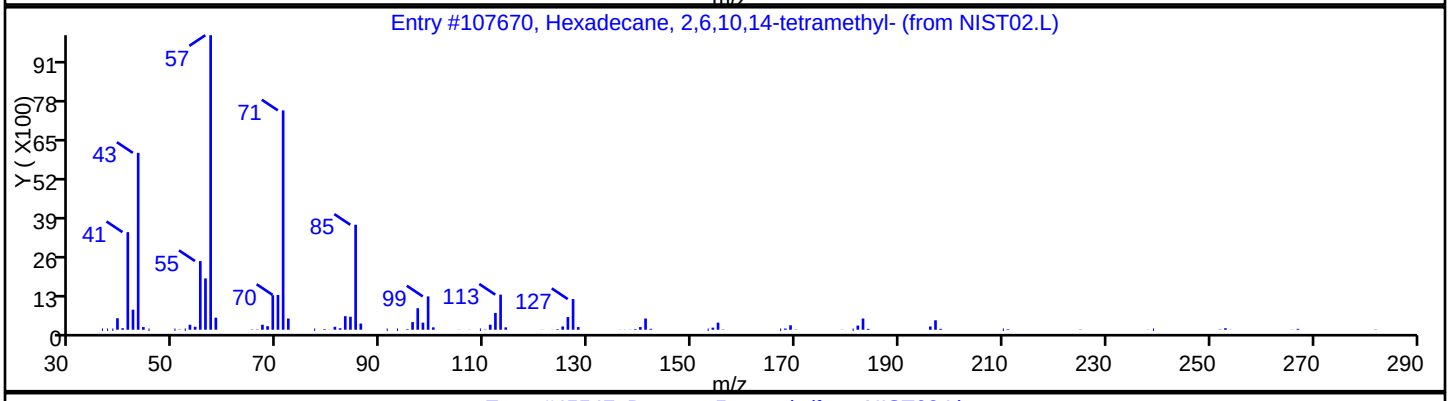
TestAmerica Edison

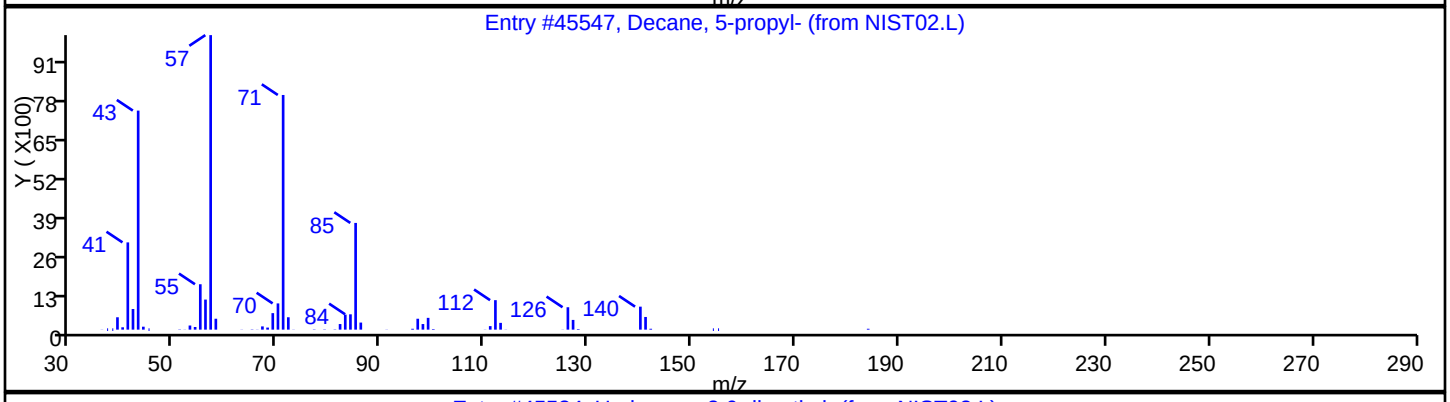
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112751.D

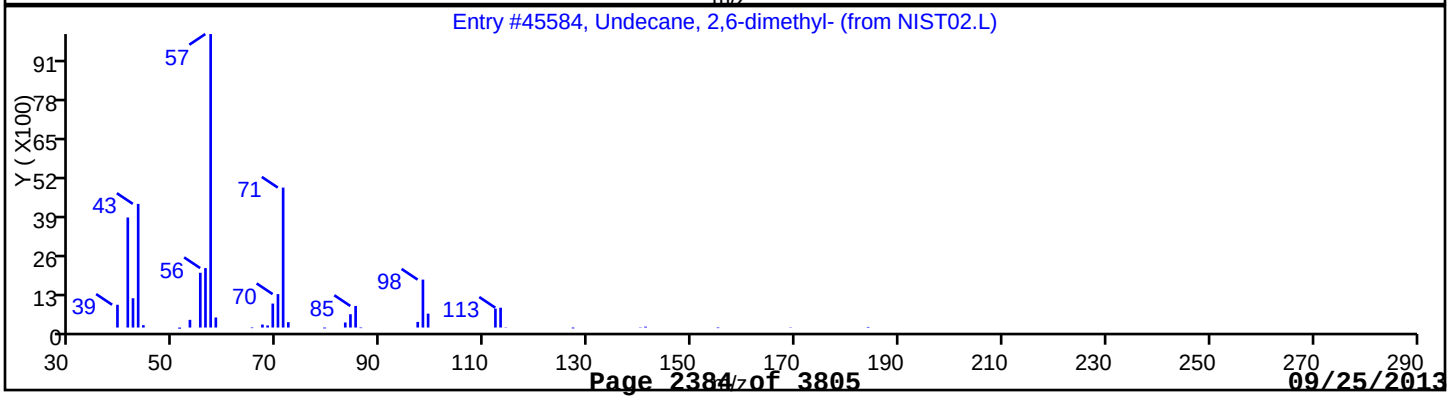
Injection Date:	20-Sep-2013 17:29:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	7
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.L	45584	72









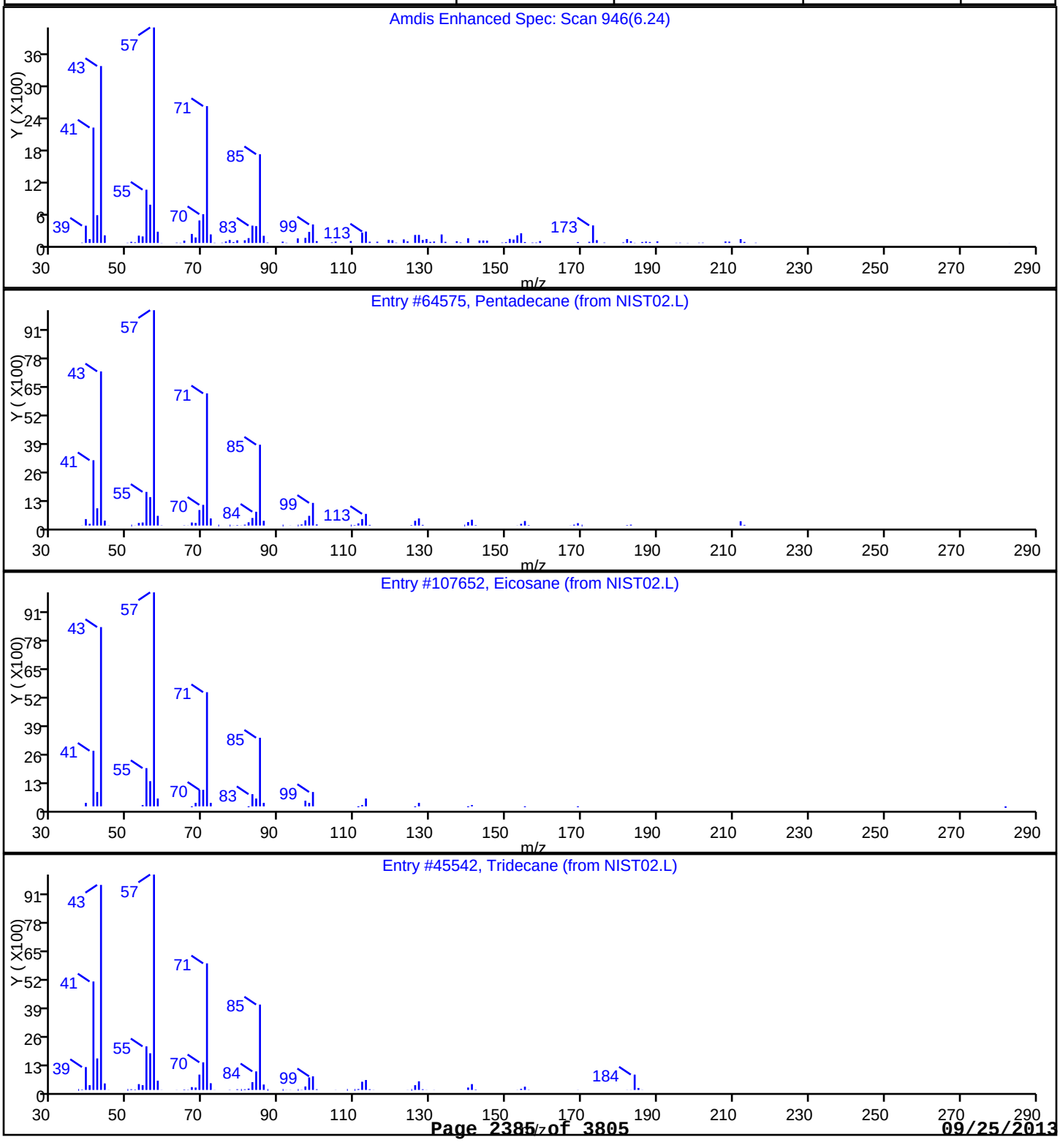
Report Date: 20-Sep-2013 18:26:06 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112751.D

Injection Date:	20-Sep-2013 17:29:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	7
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	93
Eicosane	112-95-8	NIST02.L	107652	74
Tridecane	629-50-5	NIST02.L	45542	74



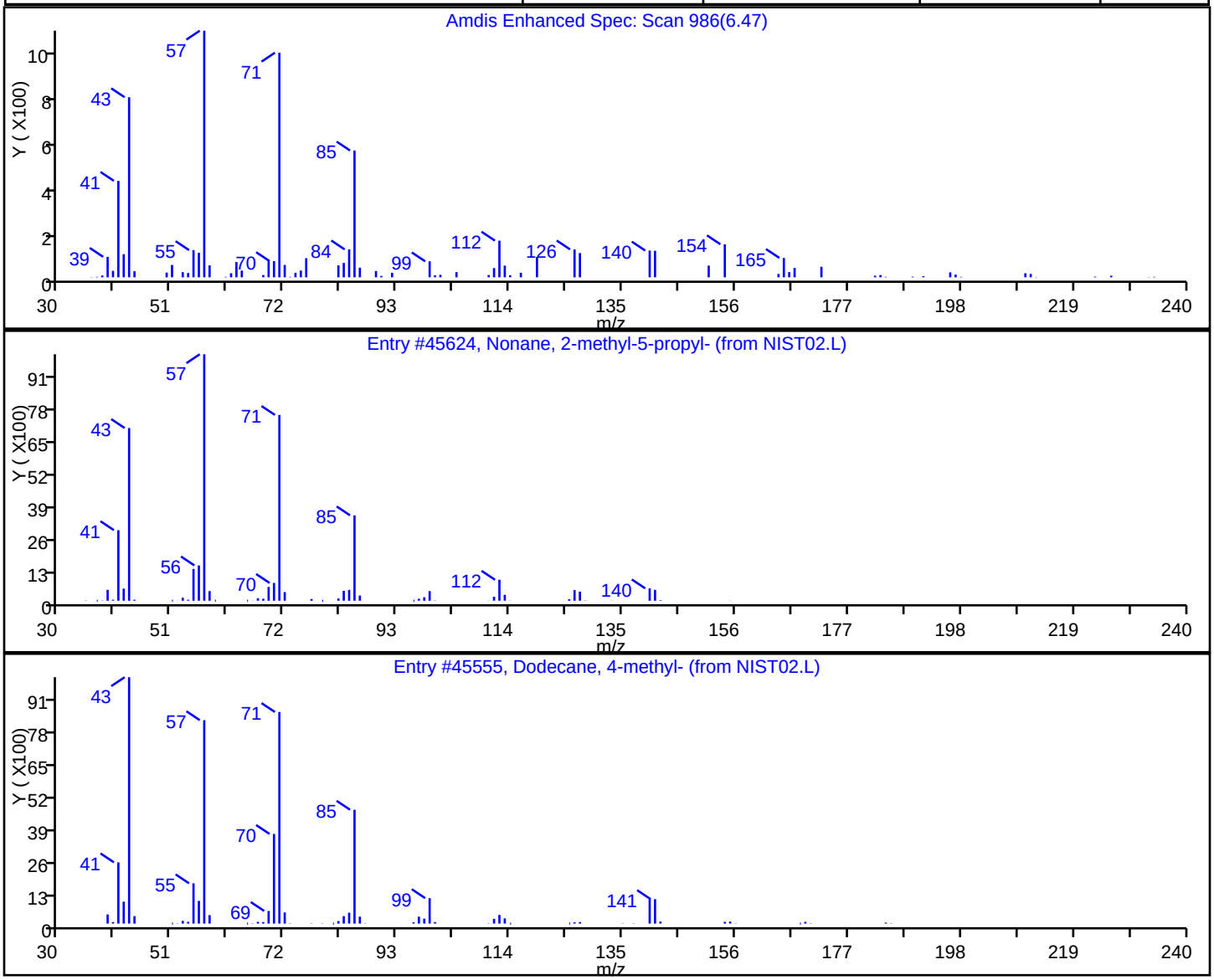
Report Date: 20-Sep-2013 18:26:06 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112751.D

Injection Date:	20-Sep-2013 17:29:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	7
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Nonane, 2-methyl-5-propyl-	31081-17-1	NIST02.L	45624	86
Dodecane, 4-methyl-	6117-97-1	NIST02.L	45555	76



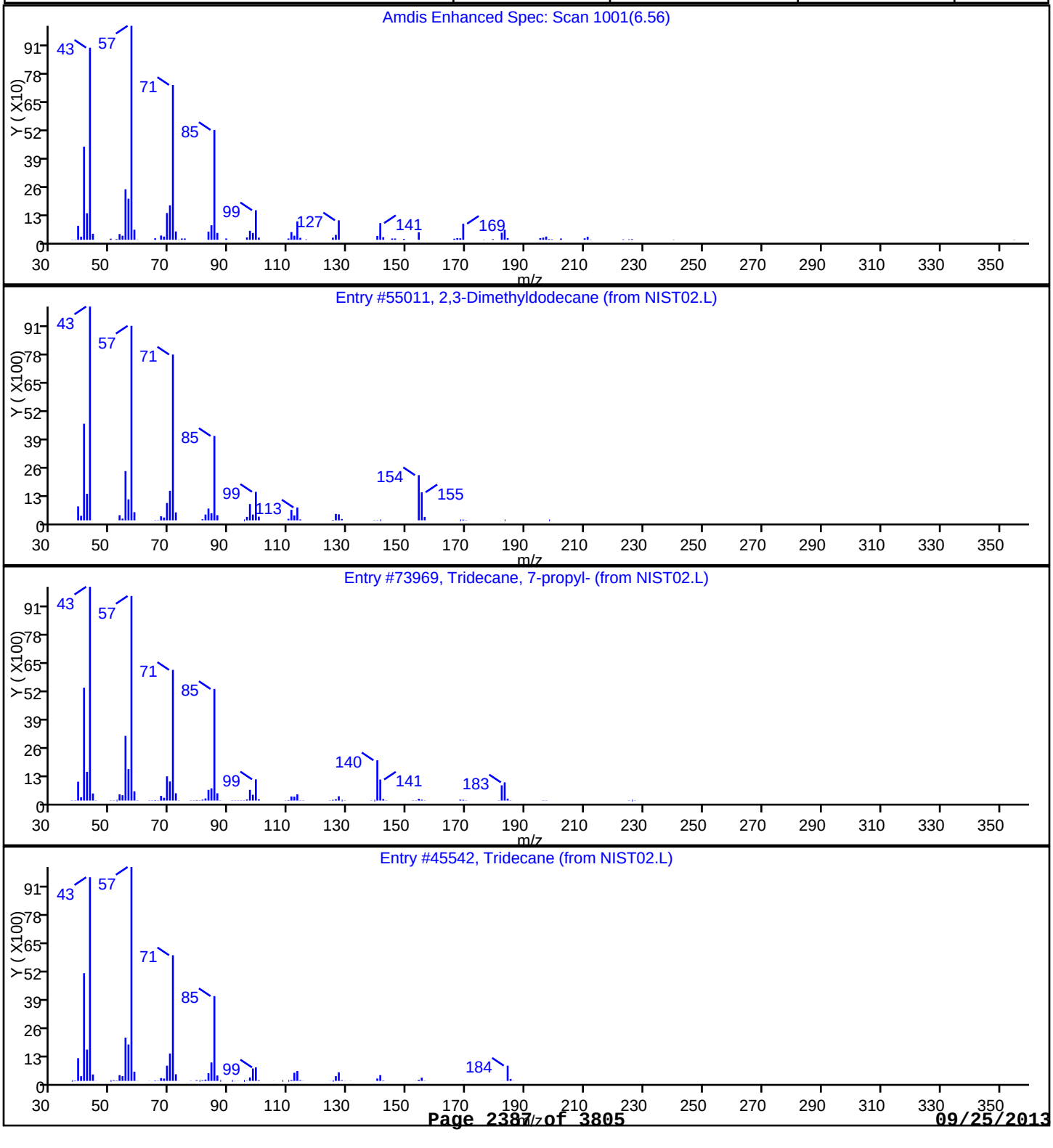
Report Date: 20-Sep-2013 18:26:06 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112751.D

Injection Date:	20-Sep-2013 17:29:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	7
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
2,3-Dimethyldodecane	6117-98-2	NIST02.L	55011	90
Tridecane, 7-propyl-	55045-09-5	NIST02.L	73969	89
Tridecane	629-50-5	NIST02.L	45542	87



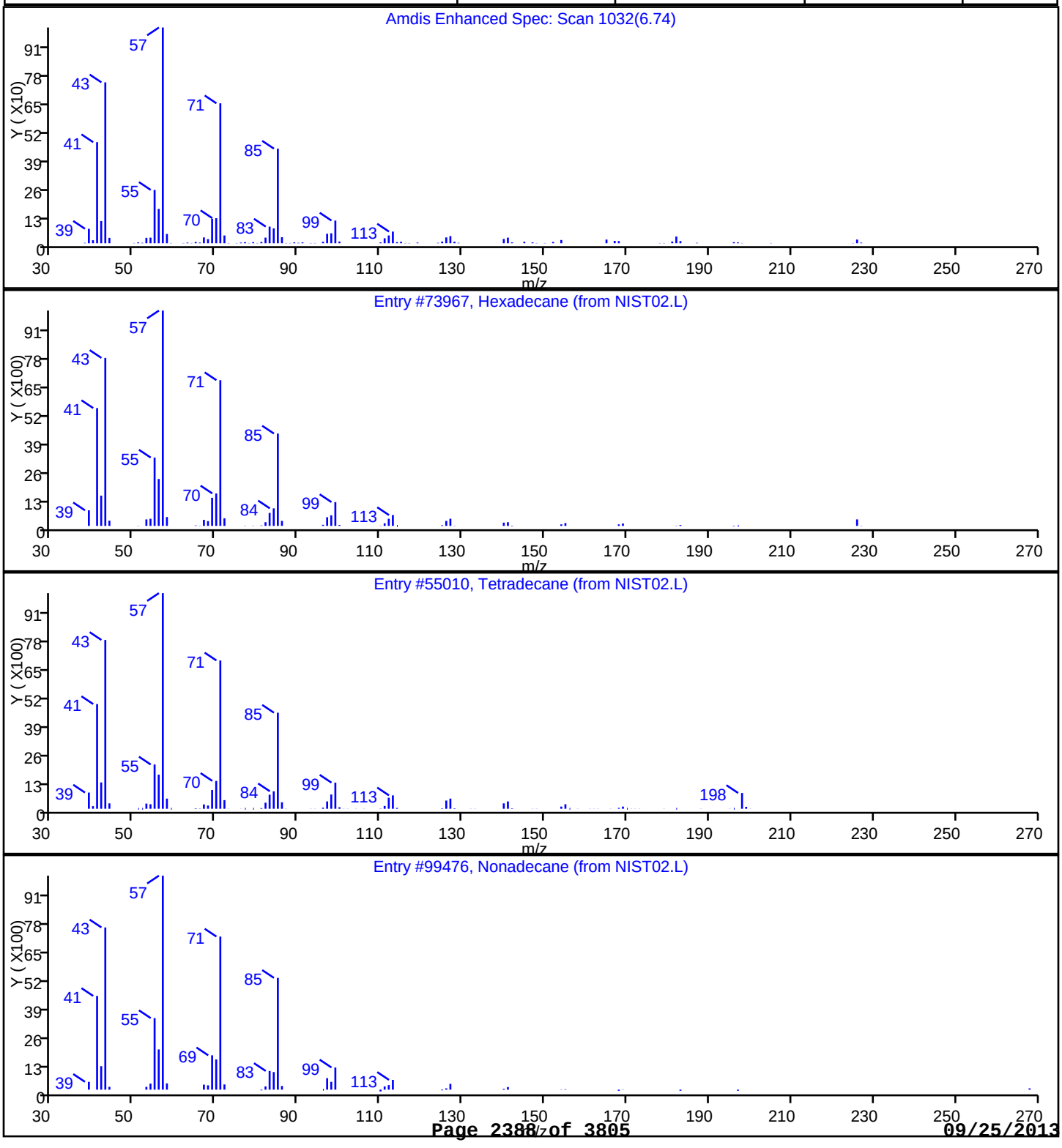
Report Date: 20-Sep-2013 18:26:06 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112751.D

Injection Date:	20-Sep-2013 17:29:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	7
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
Tetradecane	629-59-4	NIST02.L	55010	91
Nonadecane	629-92-5	NIST02.L	99476	87



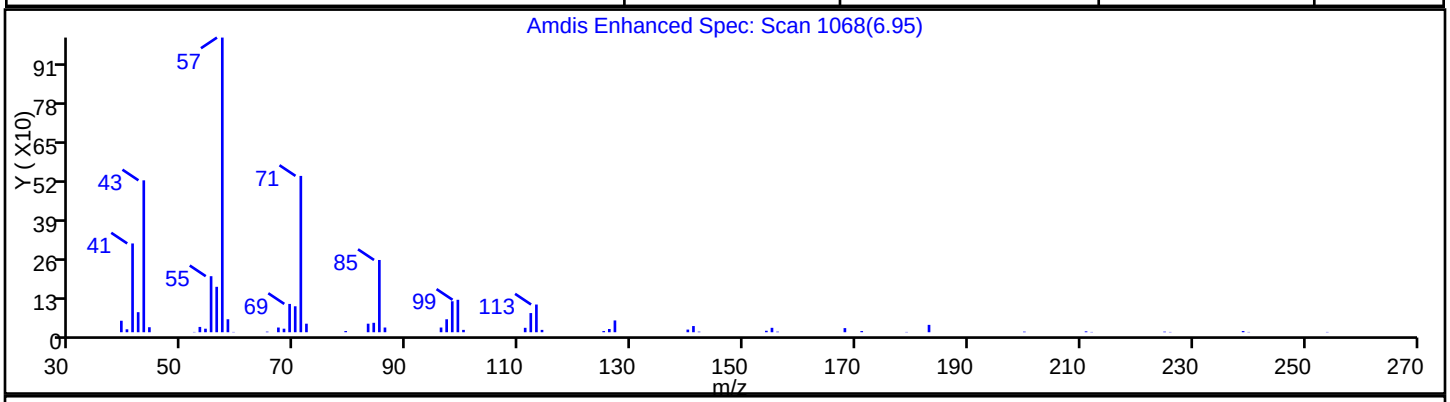
Report Date: 20-Sep-2013 18:26:06 Chrom Revision: 2.1 25-Jul-2013 20:19:50

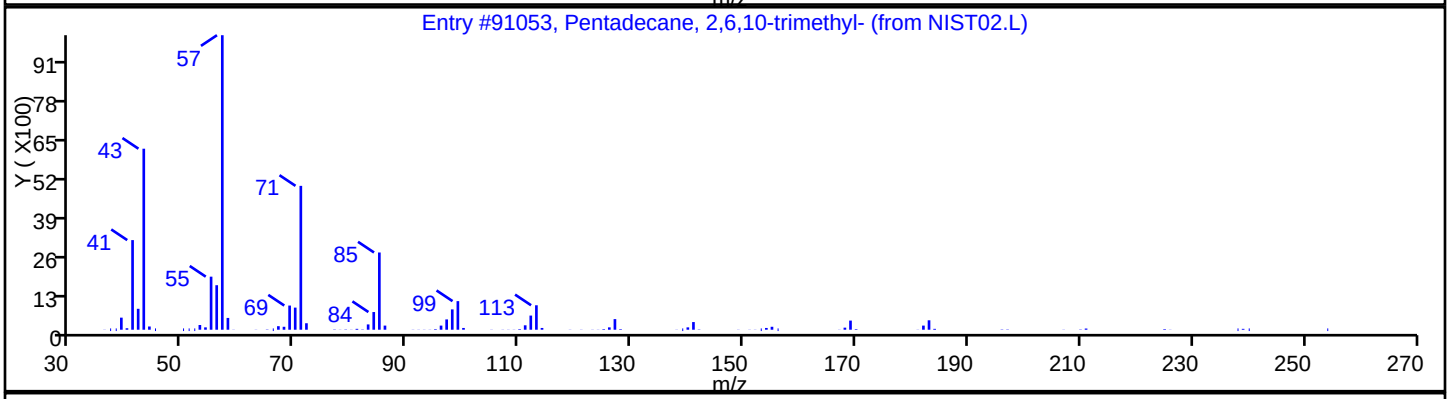
TestAmerica Edison

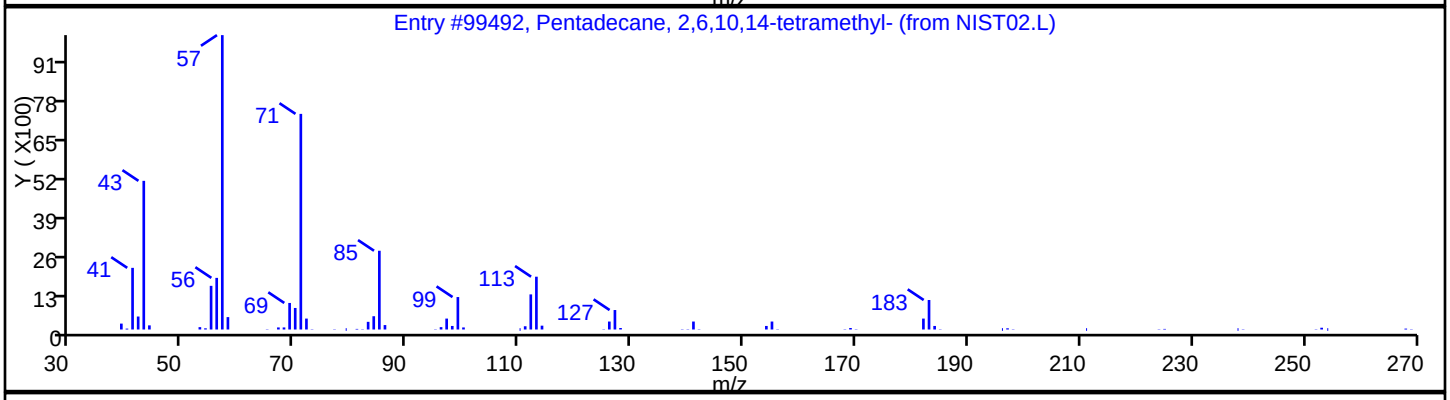
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112751.D

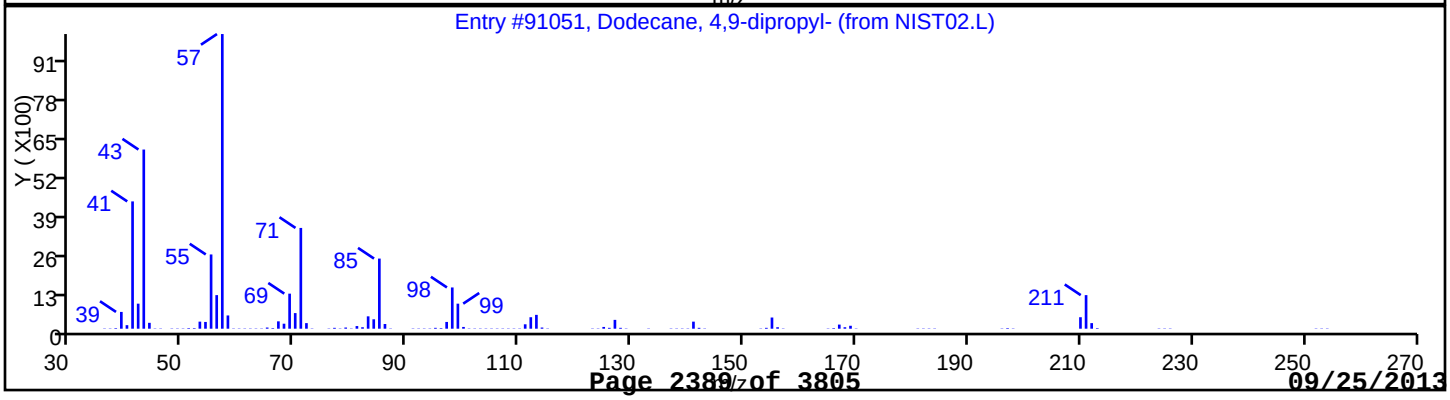
Injection Date:	20-Sep-2013 17:29:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	7
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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
Dodecane, 4,9-dipropyl-	3054-63-5	NIST02.L	91051	76









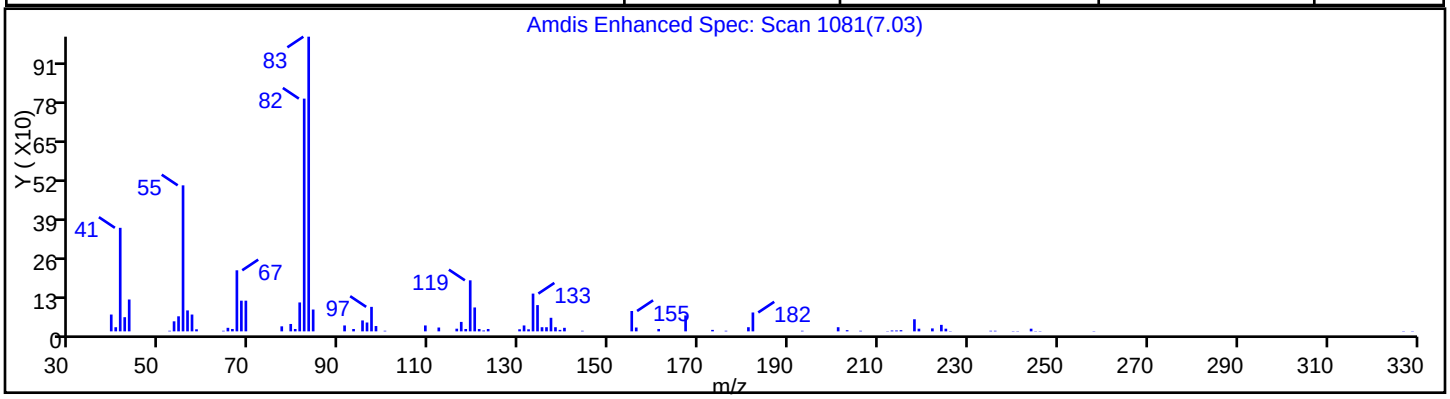
Report Date: 20-Sep-2013 18:26:06 Chrom Revision: 2.1 25-Jul-2013 20:19:50

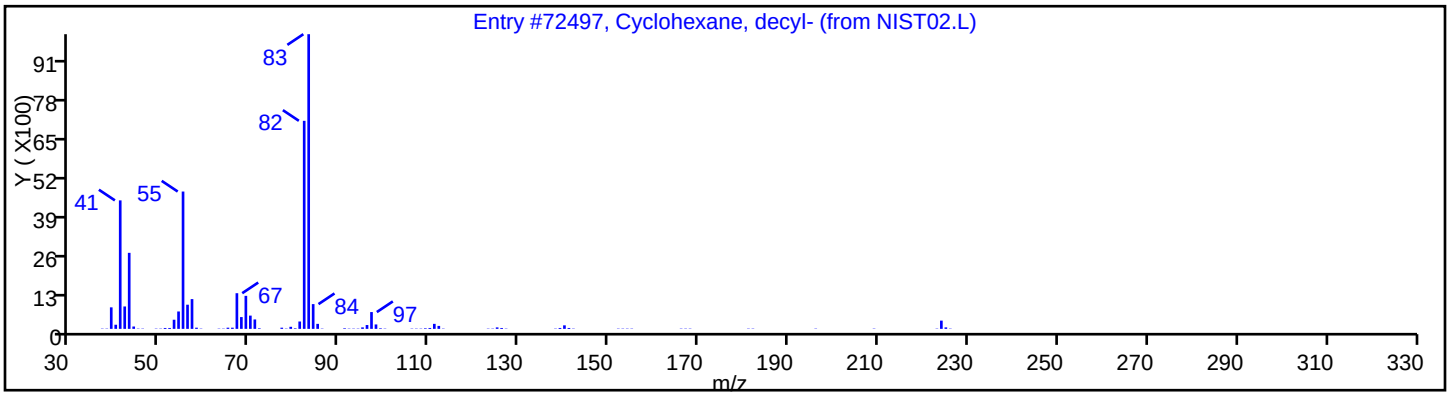
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112751.D

Injection Date:	20-Sep-2013 17:29:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	7
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Unknown Cycloalkane		NIST02.L	0	0
Cyclohexane, decyl-	1795-16-0	NIST02.L	72497	76





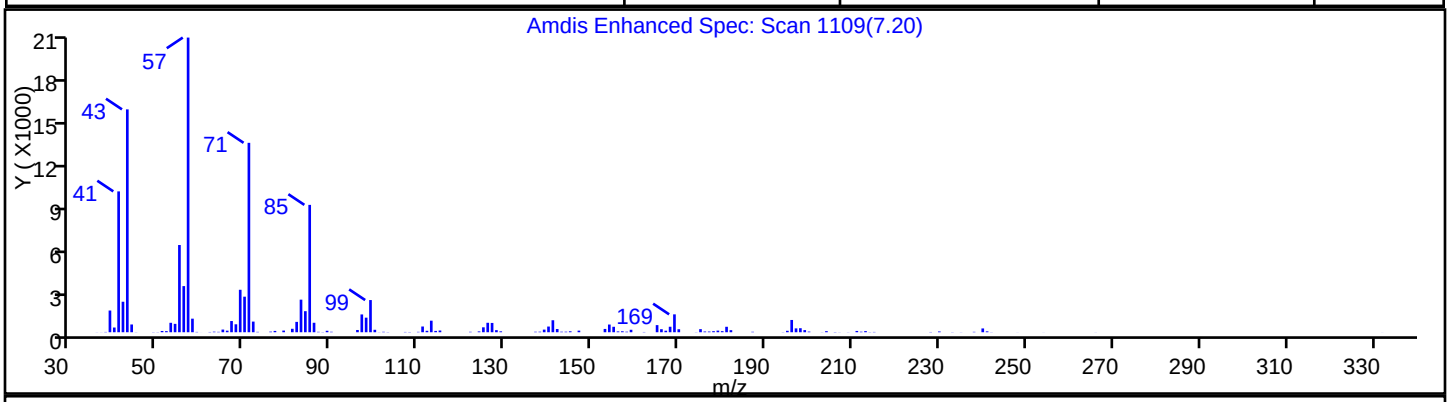
Report Date: 20-Sep-2013 18:26:06 Chrom Revision: 2.1 25-Jul-2013 20:19:50

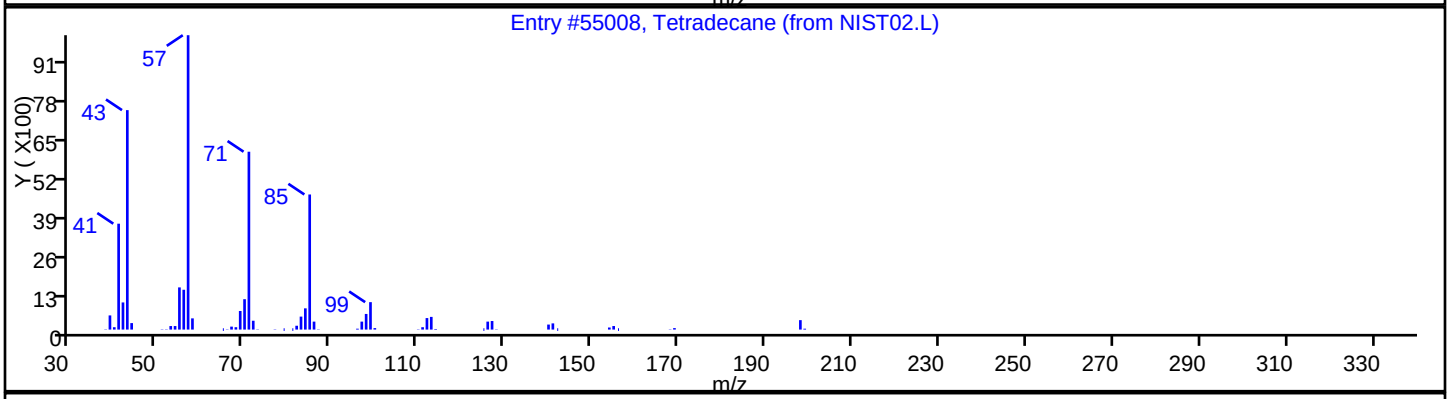
TestAmerica Edison

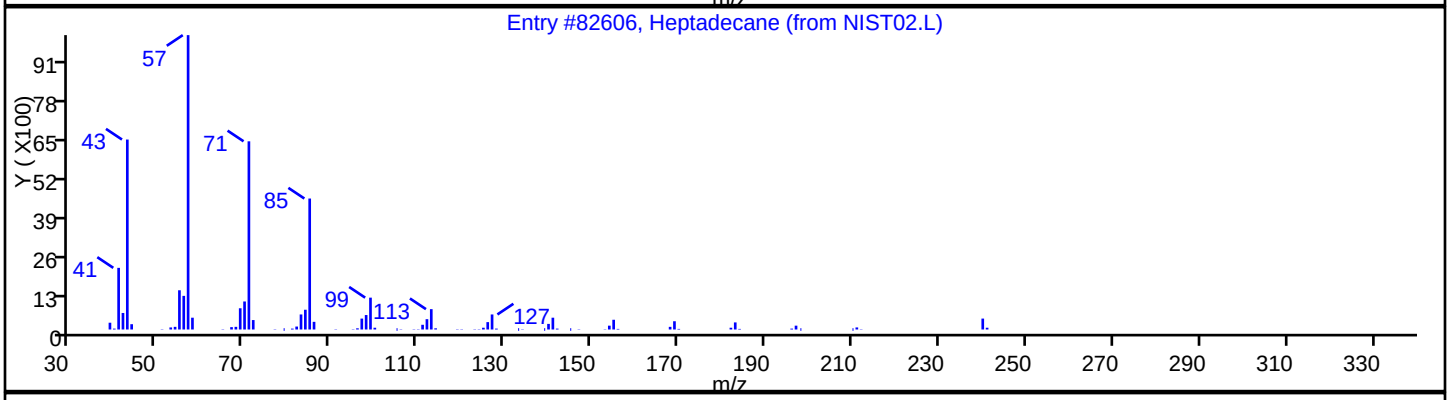
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112751.D

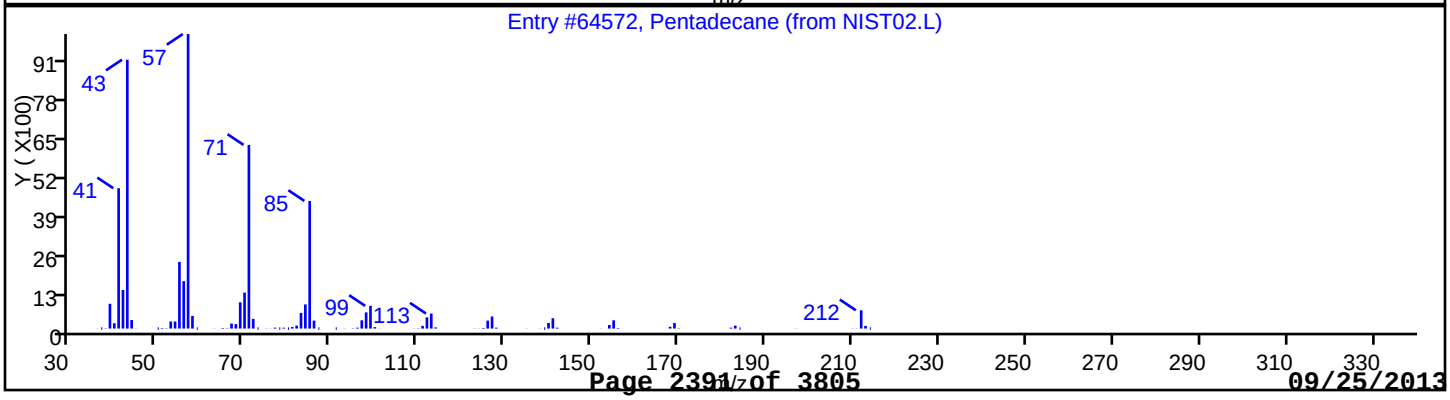
Injection Date:	20-Sep-2013 17:29:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	7
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tetradecane	629-59-4	NIST02.L	55008	91
Heptadecane	629-78-7	NIST02.L	82606	90
Pentadecane	629-62-9	NIST02.L	64572	83









Report Date: 20-Sep-2013 18:26:06 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112751.D

Injection Date: 20-Sep-2013 17:29:30 Limit Group: SV 8270 ICAL

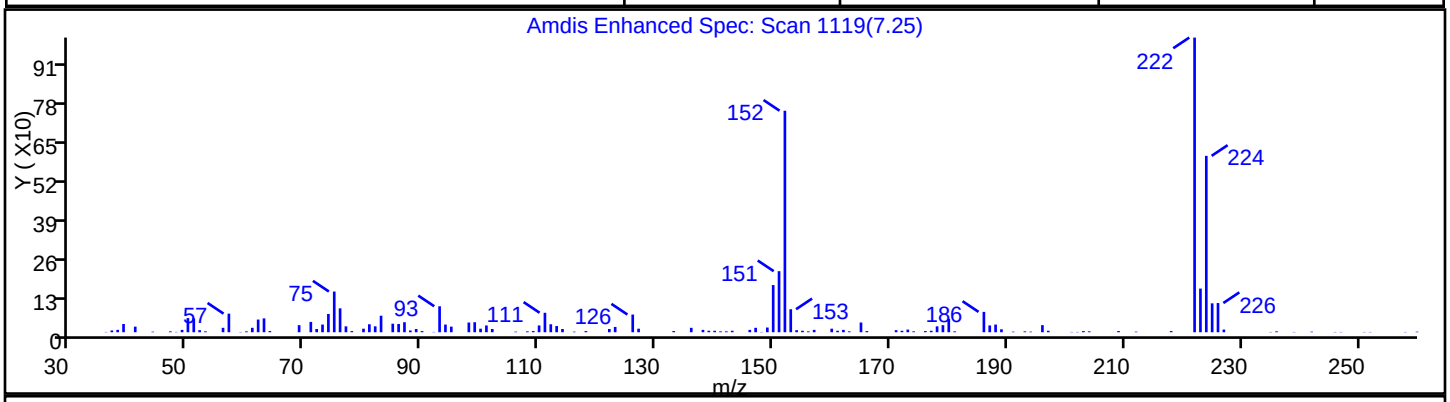
Client ID: PMP-2SE-WT Instrument ID: CBNAMS12

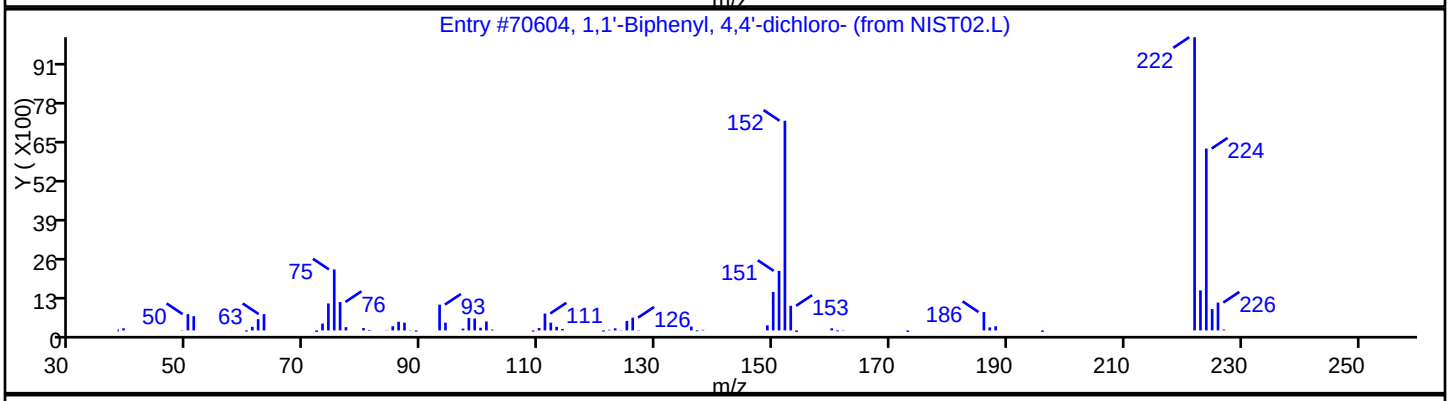
Lims Batch ID: 182394 Lims Sample ID: 7

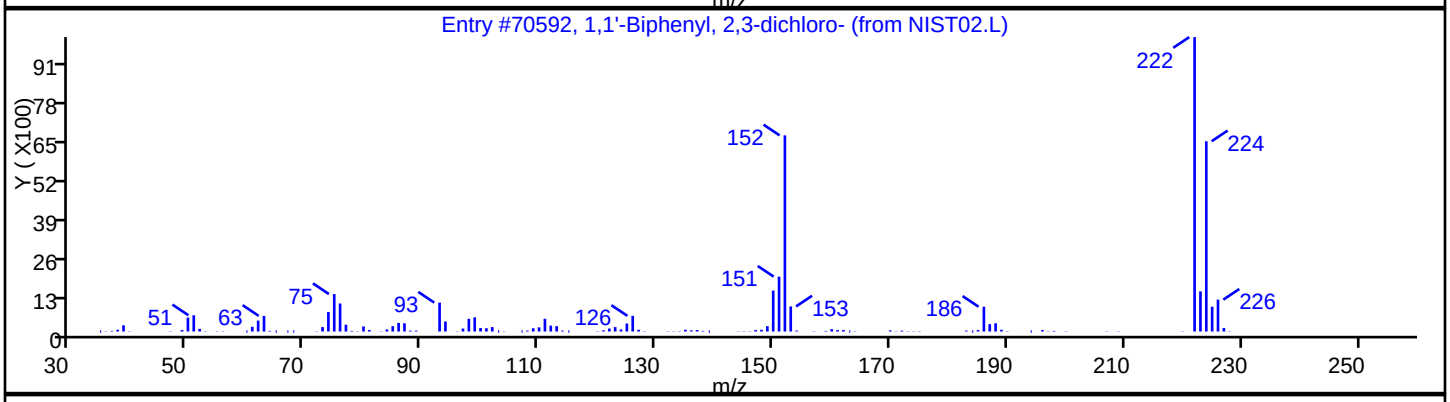
Operator ID: BNA 12 Injection Vol: 1.0 ul

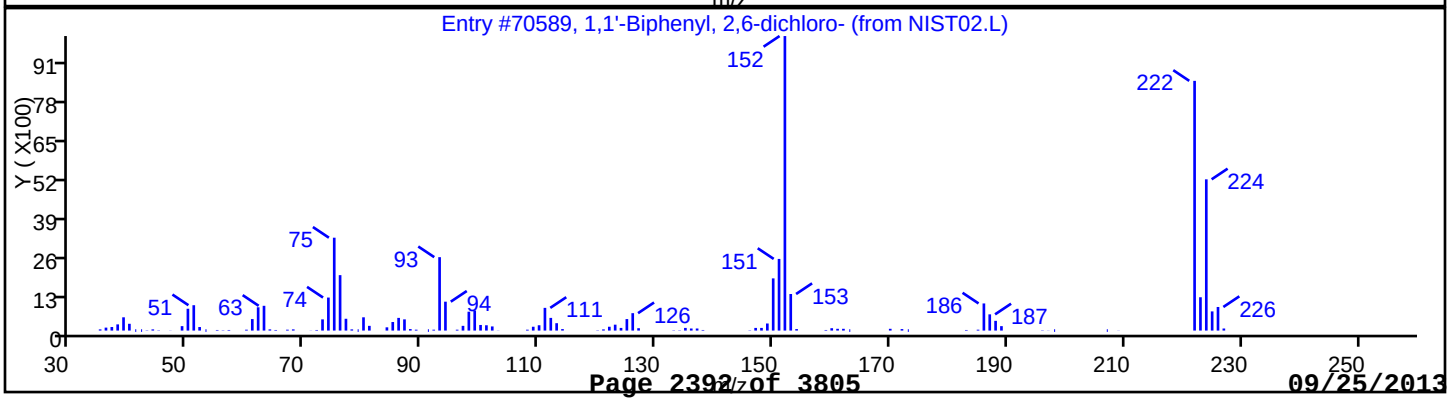
Column Type: Column Dia:

Library Search Compound Match	CAS Number	Library	Entry	Quality
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.L	70604	97
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.L	70592	96
1,1'-Biphenyl, 2,6-dichloro-	33146-45-1	NIST02.L	70589	94









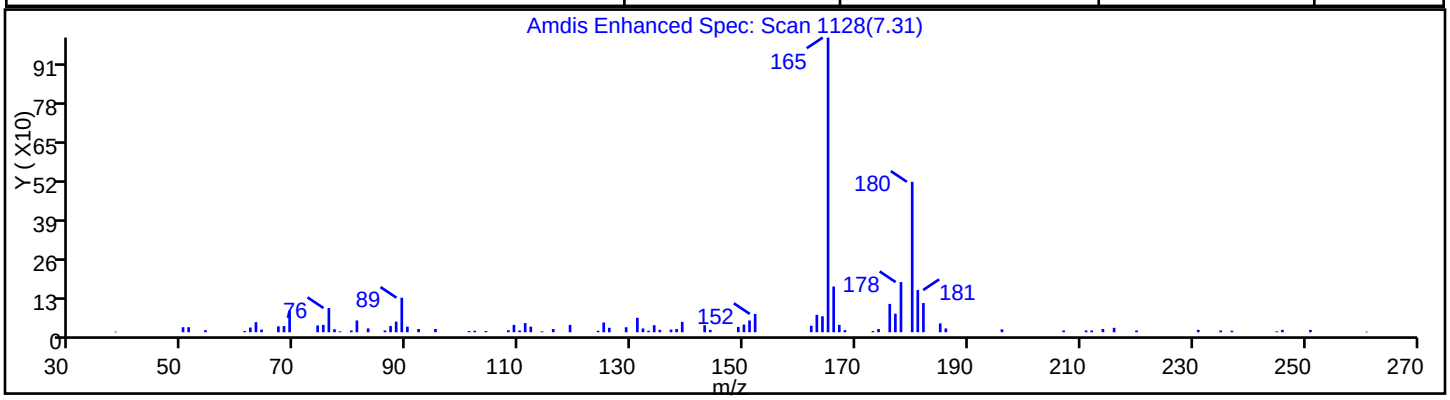
Report Date: 20-Sep-2013 18:26:06 Chrom Revision: 2.1 25-Jul-2013 20:19:50

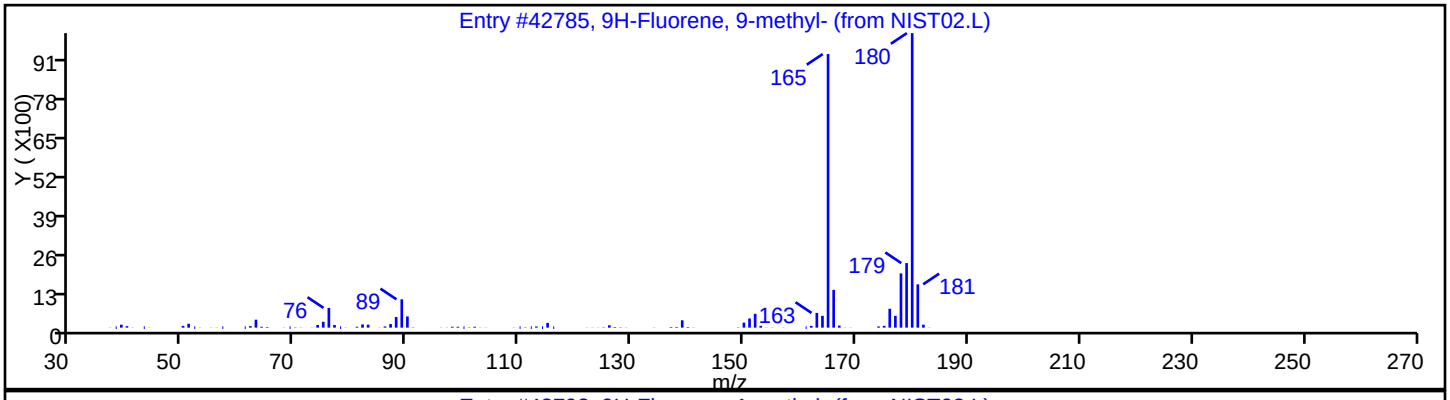
TestAmerica Edison

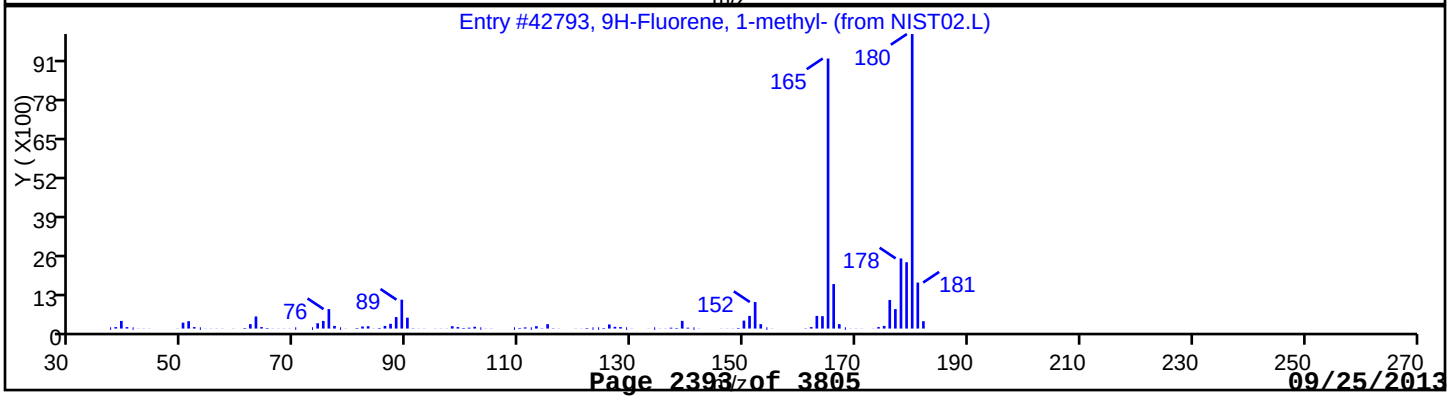
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112751.D

Injection Date:	20-Sep-2013 17:29:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	7
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
9H-Fluorene, 9-methyl-	2523-37-7	NIST02.L	42785	76
9H-Fluorene, 1-methyl-	1730-37-6	NIST02.L	42793	74







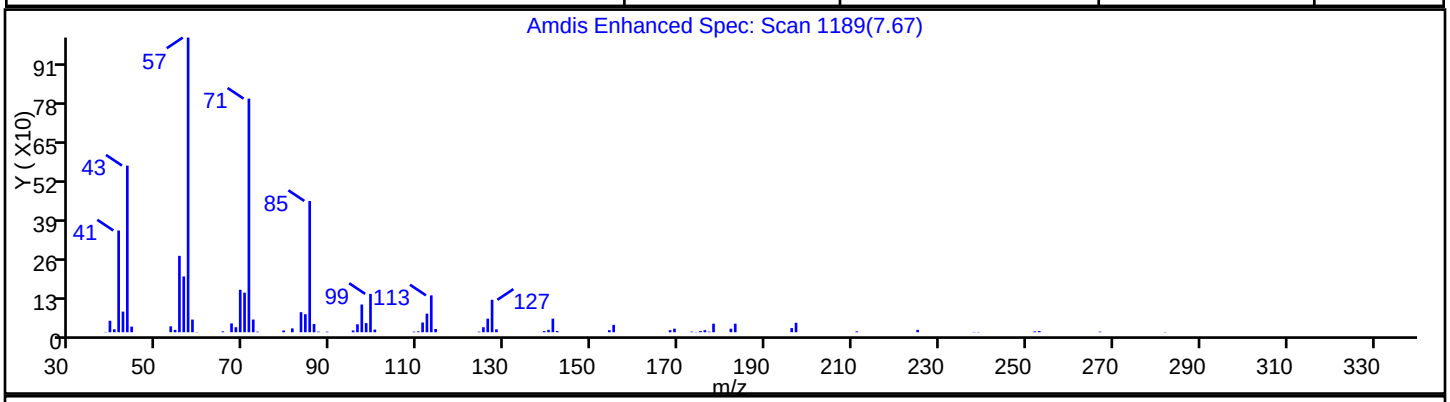
Report Date: 20-Sep-2013 18:26:06 Chrom Revision: 2.1 25-Jul-2013 20:19:50

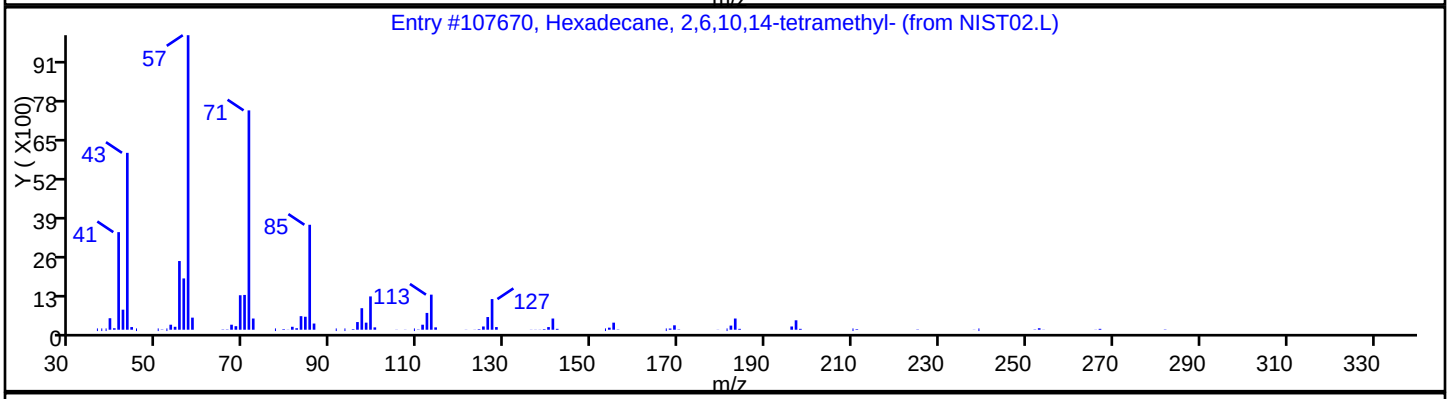
TestAmerica Edison

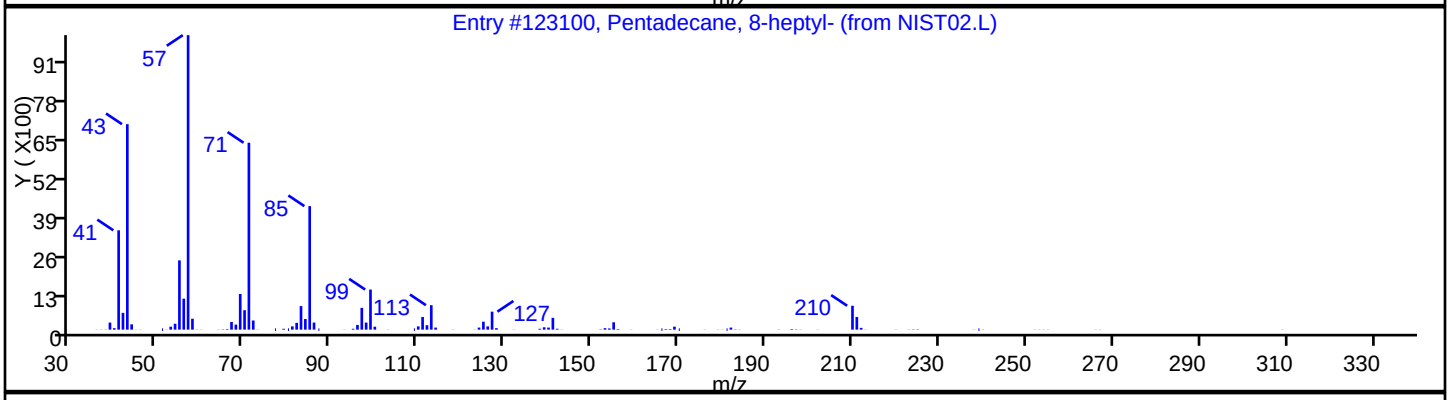
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112751.D

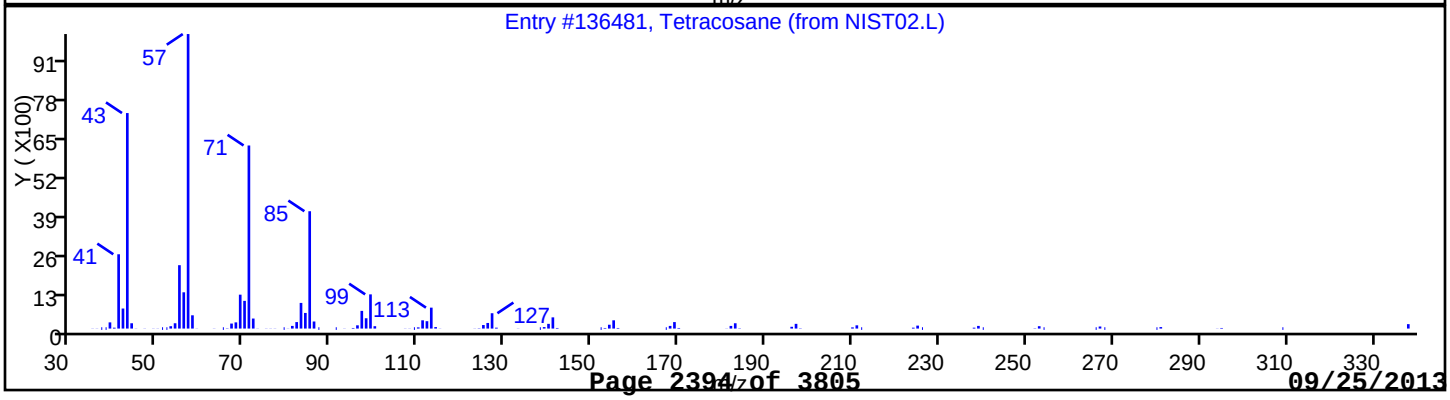
Injection Date:	20-Sep-2013 17:29:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	7
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Library Search Compound Match	CAS Number	Library	Entry	Quality
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	91
Pentadecane, 8-heptyl-	71005-15-7	NIST02.L	123100	90
Tetracosane	646-31-1	NIST02.L	136481	90









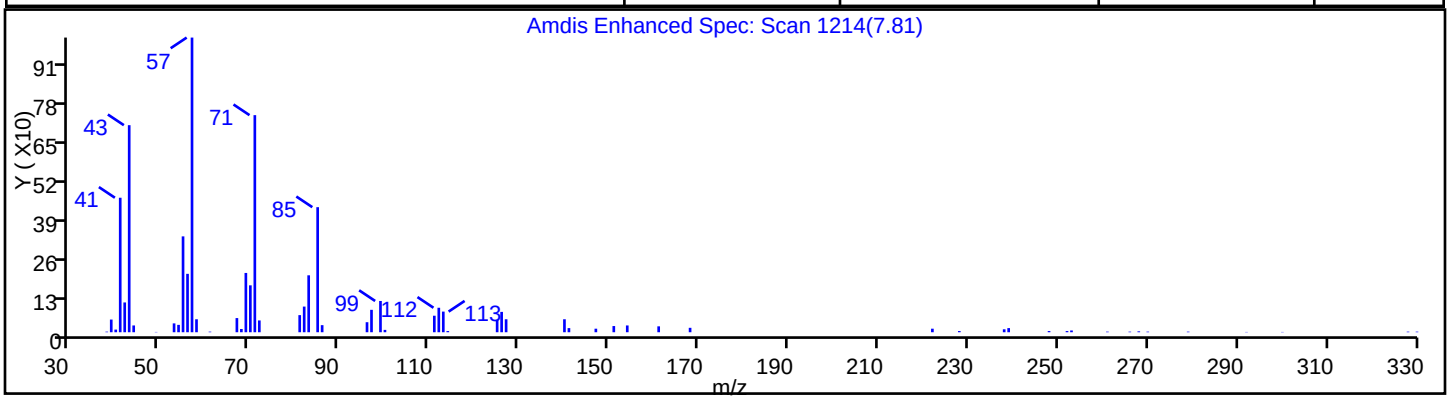
Report Date: 20-Sep-2013 18:26:06 Chrom Revision: 2.1 25-Jul-2013 20:19:50

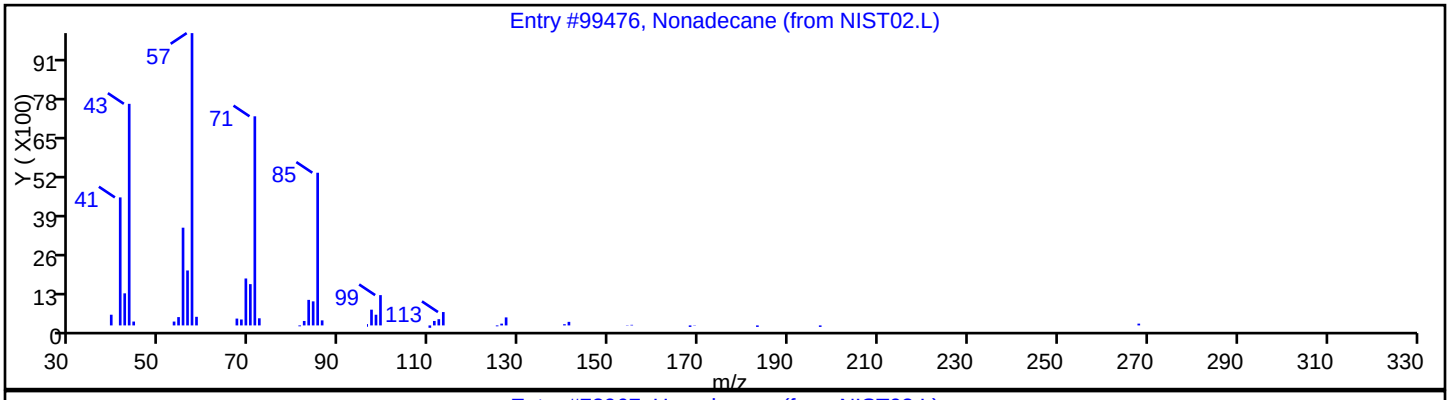
TestAmerica Edison

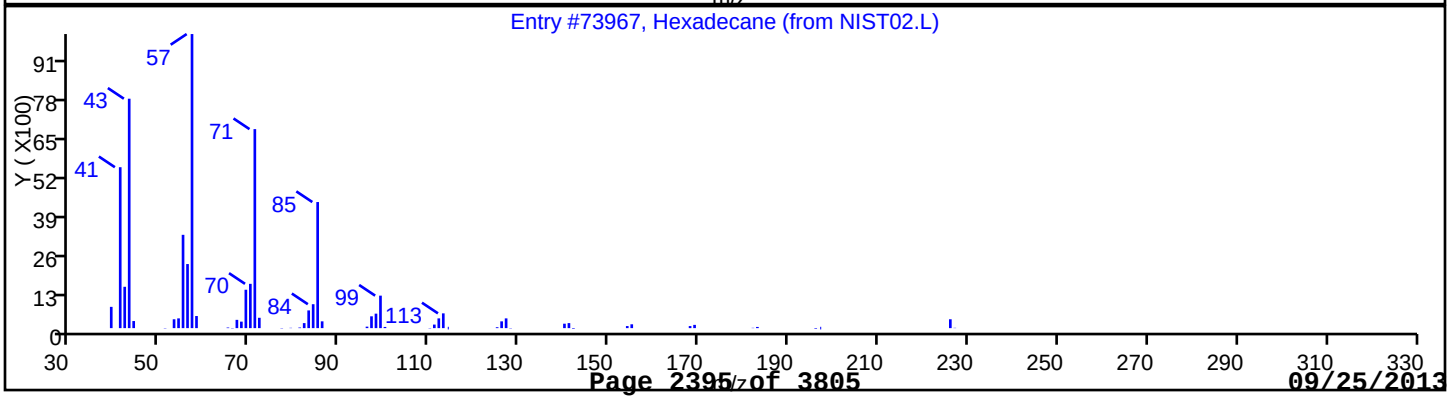
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112751.D

Injection Date:	20-Sep-2013 17:29:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	7
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
Nonadecane	629-92-5	NIST02.L	99476	80
Hexadecane	544-76-3	NIST02.L	73967	80







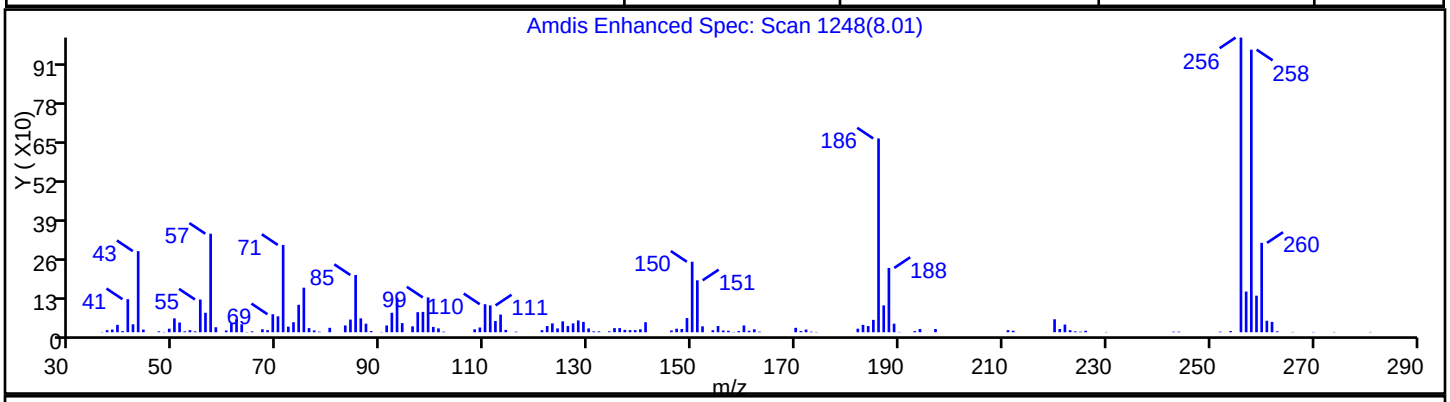
Report Date: 20-Sep-2013 18:26:06 Chrom Revision: 2.1 25-Jul-2013 20:19:50

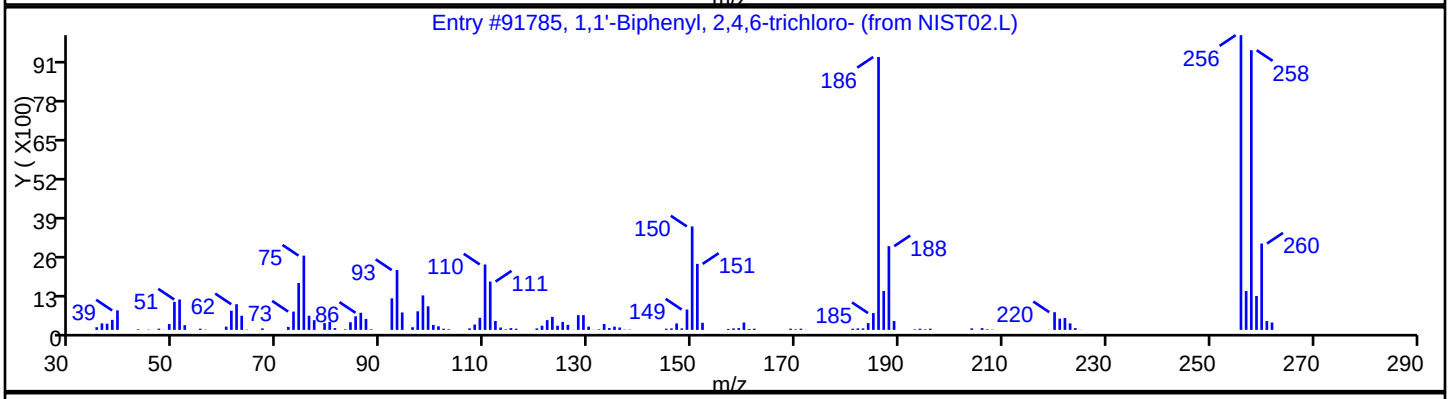
TestAmerica Edison

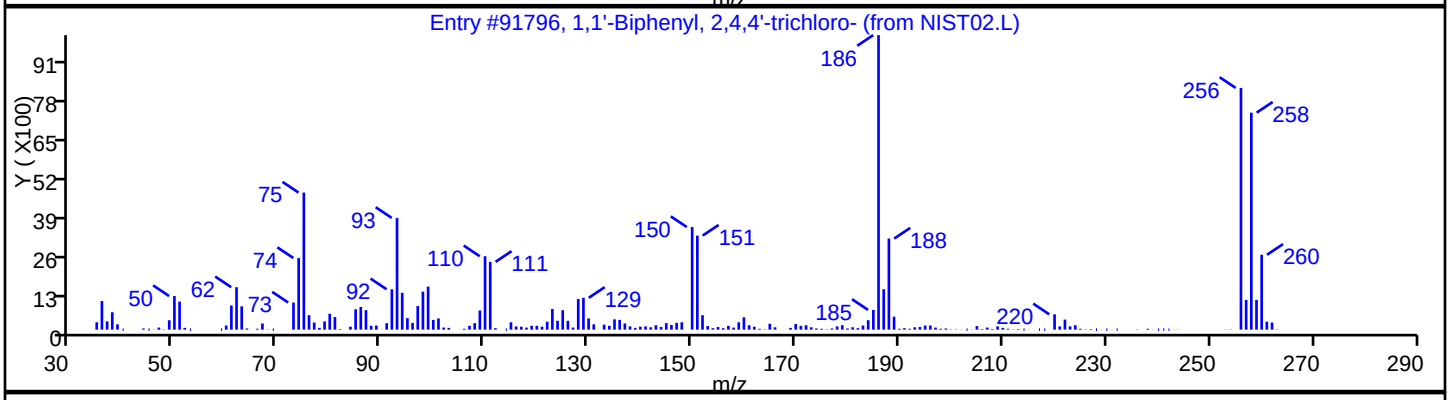
Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112751.D

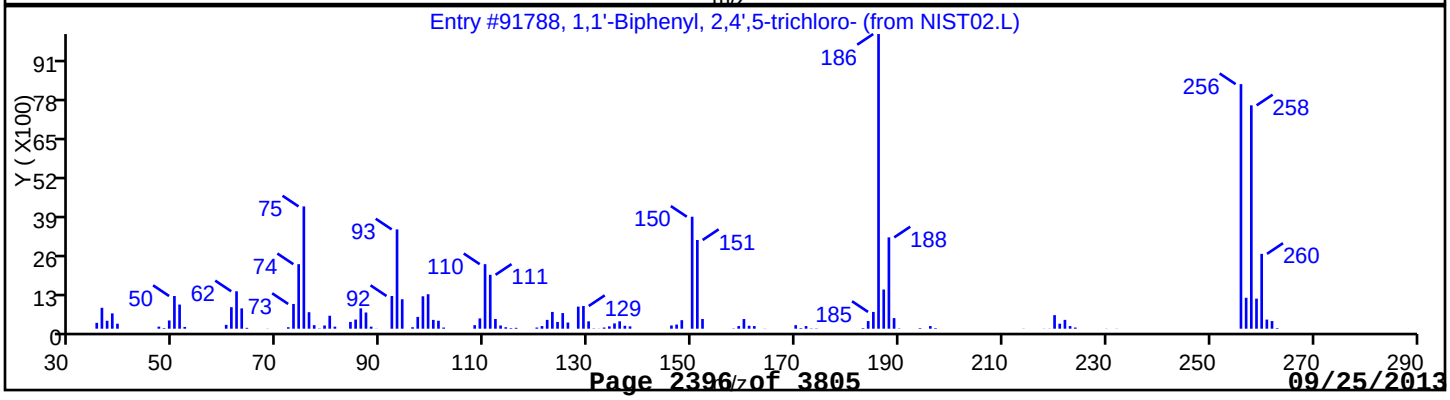
Injection Date:	20-Sep-2013 17:29:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	7
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91796	99
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	98









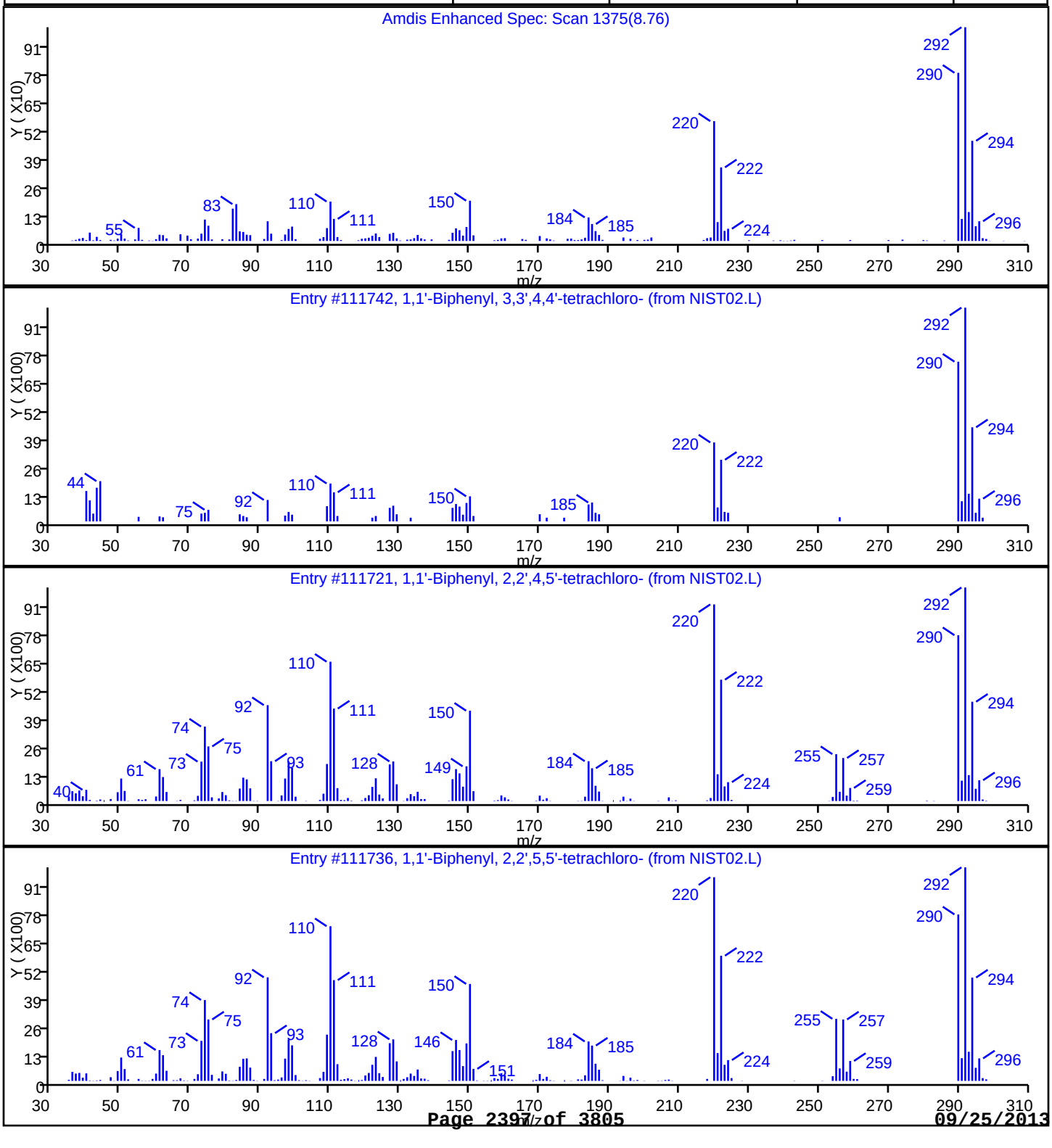
Report Date: 20-Sep-2013 18:26:06 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112751.D

Injection Date:	20-Sep-2013 17:29:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-2SE-WT	Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	7
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, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	99
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	35693-99-3	NIST02.L	111736	98



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-SI | Lab Sample ID: 460-62968-33

Matrix: Solid | Lab File ID: z2353.d

Analysis Method: 8270C | Date Collected: 09/12/2013 15:55

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 23:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182252 | 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	290	U	1900	290
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	470	U	1900	470
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	220	U	1900	220
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-SI | Lab Sample ID: 460-62968-33

Matrix: Solid | Lab File ID: z2353.d

Analysis Method: 8270C | Date Collected: 09/12/2013 15:55

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 23:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182252 | 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	220	U	1900	220
84-66-2	Diethyl phthalate	230	U	1900	230
86-73-7	Fluorene	320	J	1900	240
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	63	U	390	63
7005-72-3	4-Chlorophenyl phenyl ether	220	U	1900	220
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	1300	J	1900	240
87-86-5	Pentachlorophenol	570	U	5800	570
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	670	U	3900	670
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-SI | Lab Sample ID: 460-62968-33

Matrix: Solid | Lab File ID: z2353.d

Analysis Method: 8270C | Date Collected: 09/12/2013 15:55

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 23:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182252 | 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	84		16-151
118-79-6	2,4,6-Tribromophenol	69		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-SI | Lab Sample ID: 460-62968-33

Matrix: Solid | Lab File ID: z2353.d

Analysis Method: 8270C | Date Collected: 09/12/2013 15:55

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 23:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182252 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 159400

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	7.25	4400	J
	Unknown Alkane/Unknown-1	7.78	4700	J
	Unknown Alkane-4	8.18	18000	J
	Unknown Alkane/Unknown-2	8.25	5000	J
	Unknown Alkane-5	8.44	43000	J
	Unknown Alkane-6	8.62	8600	J
	Unknown-4	8.65	4800	J
	Unknown-5	8.74	8900	J
	Unknown Alkane-7	8.89	22000	J
	Trichloro-1,1-biphenyl isomer-1	9.08	4200	J
	Unknown Alkane/Unknown-3	9.24	5000	J
	Trichloro-1,1-biphenyl isomer-1	9.32	14000	J
	Trichloro-1,1-biphenyl isomer-2	9.39	4900	J
	Trichloro-1,1-biphenyl isomer-3	9.46	5100	J
	Tetrachloro-1,1-biphenyl isomer-1	9.59	6800	J

Data File: /chem/BNAMS11.i/8270/09-19-13/19sep13a.b/z2353.d
Report Date: 20-Sep-2013 13:33

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-19-13/19sep13a.b/z2353.d
Lab Smp Id: 460-62968-E-33-B Client Smp ID: PMP-2SE-SI
Inj Date : 19-SEP-2013 23:00
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62968-E-33-B
Misc Info : 460-62968-E-33-B
Comment   :
Method   : /chem/BNAMS11.i/8270/09-19-13/19sep13a.b/8270C_11.m
Meth Date : 19-Sep-2013 15:54 croccom Quant Type: ISTD
Cal Date : 19-SEP-2013 03:37 Cal File: z2314.d
Als bottle: 19
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	15.03000	Weight of sample extracted (g)
M	13.84083	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.188	3.188	(0.714)	113623	14.7037	5700
$ 17 Phenol-d5 (SUR)	99	4.082	4.105	(0.914)	144329	14.9434	5800
* 79 1,4-Dichlorobenzene-d4	152	4.464	4.470	(1.000)	217893	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.011	5.029	(0.872)	55909	6.51850	2500
* 80 Naphthalene-d8	136	5.747	5.752	(1.000)	736742	40.0000	
34 2-Methylnaphthalene	142	6.464	6.470	(1.125)	2233	0.18329	71(a)
120 1-Methylnaphthalene	142	6.564	6.570	(1.142)	1662	0.13065	50(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.829	6.840	(0.910)	98589	7.54002	2900
125 1,3-Dimethylnaphthalene	156	7.164	7.176	(0.955)	14717	1.52668	590(a)
* 82 Acenaphthene-d10	164	7.505	7.511	(1.000)	353927	40.0000	
42 Acenaphthene	154	7.535	7.546	(1.004)	2013	0.18332	71(a)
47 Fluorene	166	8.046	8.052	(1.072)	9626	0.82022	320(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	8.282	8.293	(1.103)	17214	13.7266	5300

Data File: /chem/BNAMS11.i/8270/09-19-13/19sep13a.b/z2353.d
Report Date: 20-Sep-2013 13:33

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)	450497	40.0000	
52 Phenanthrene	178	8.993	9.005	(1.002)	43277	3.24301	1200(a)
57 Pyrene	202	10.399	10.405	(0.883)	3306	0.28125	110(a)
$ 78 Terphenyl-d14	244	10.552	10.558	(0.896)	61666	8.36727	3200
* 81 Chrysene-d12	240	11.776	11.787	(1.000)	224878	40.0000	
* 84 Perylene-d12	264	13.728	13.740	(1.000)	186450	40.0000	

QC Flag Legend

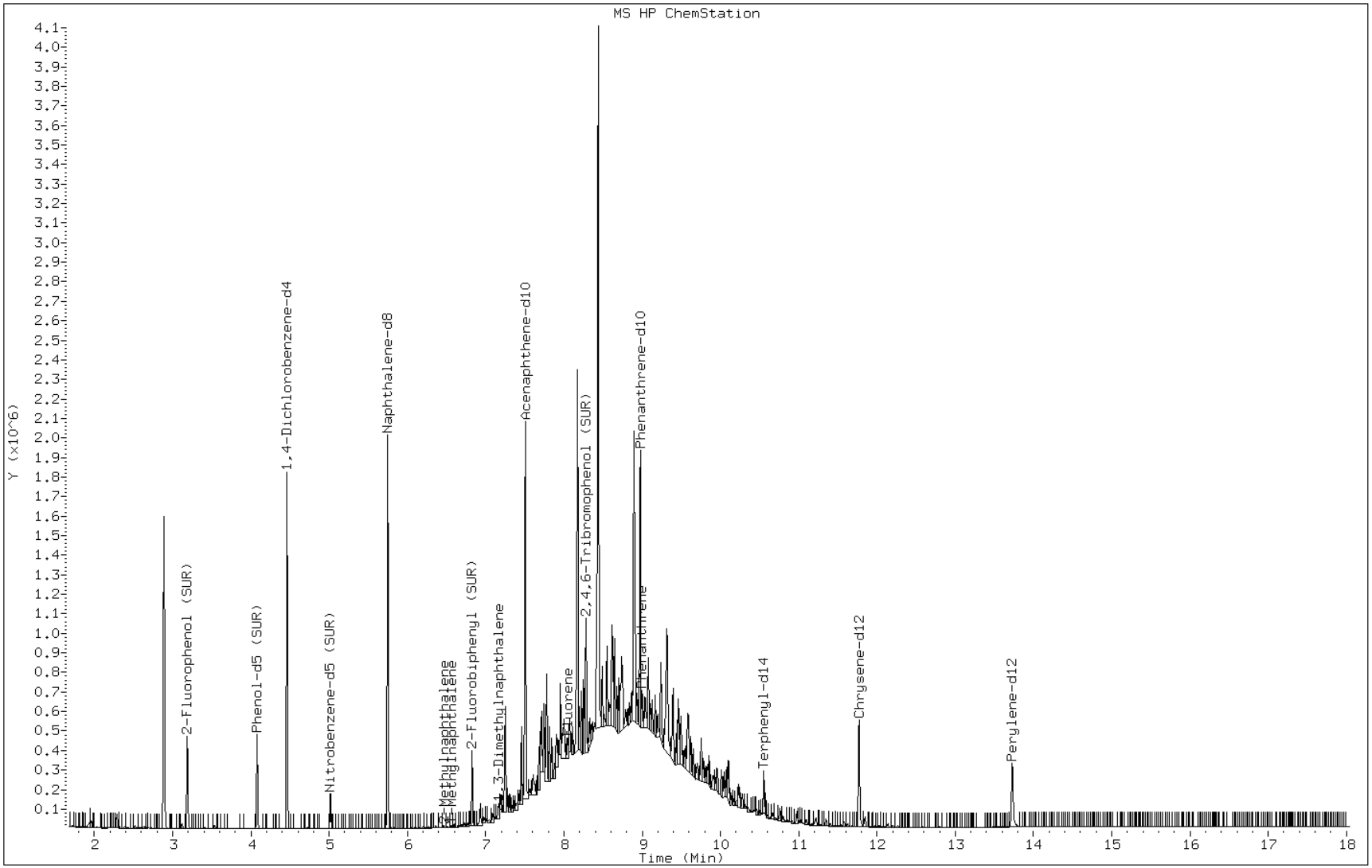
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: z2353.d

Date: 19-SEP-2013 23:00

Client ID: PMP-2SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-33-B Operator: BNAMS 4



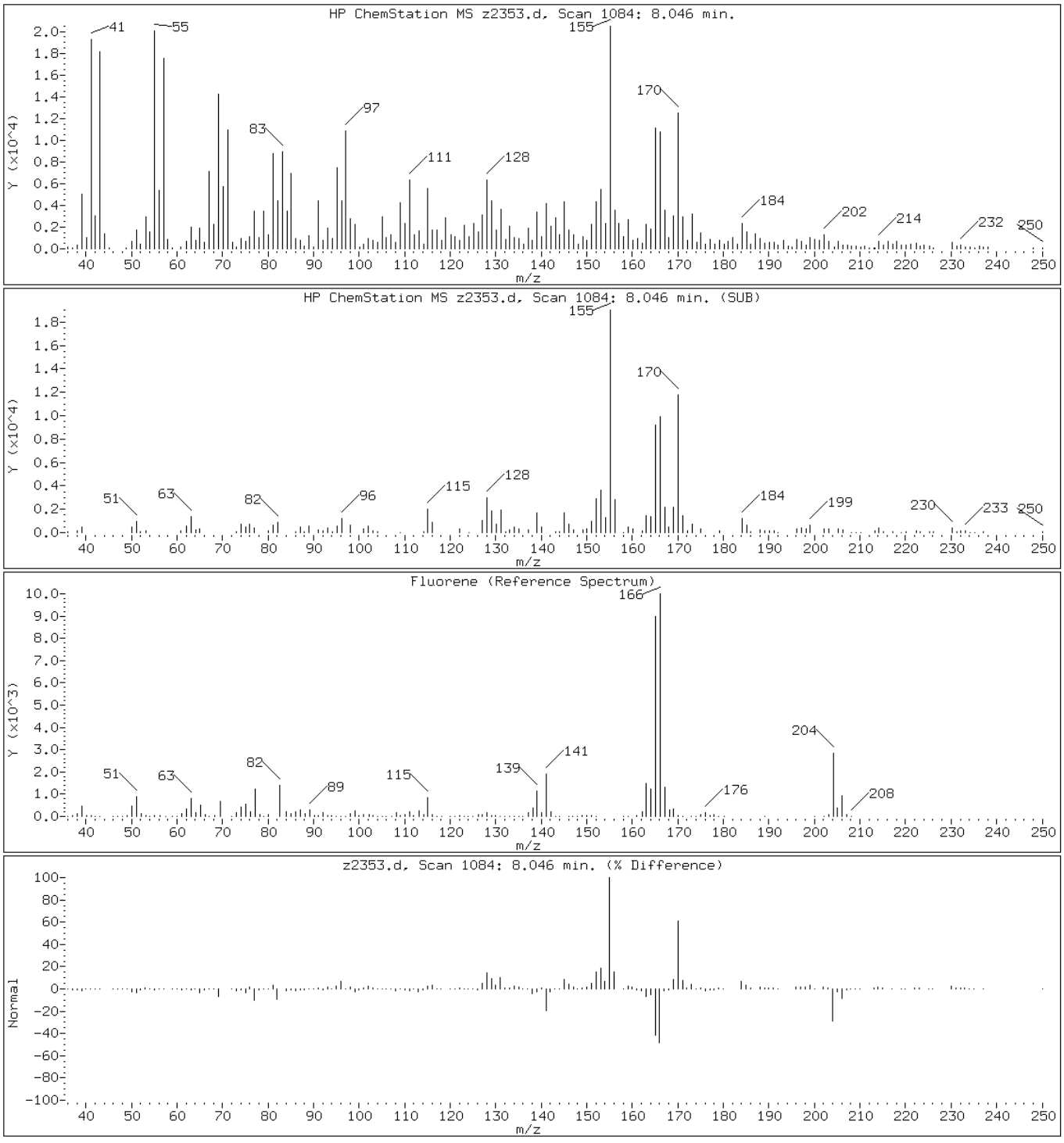
Data File: z2353.d

Date: 19-SEP-2013 23:00

Client ID: PMP-2SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-33-B Operator: BNAMS 4

47 Fluorene



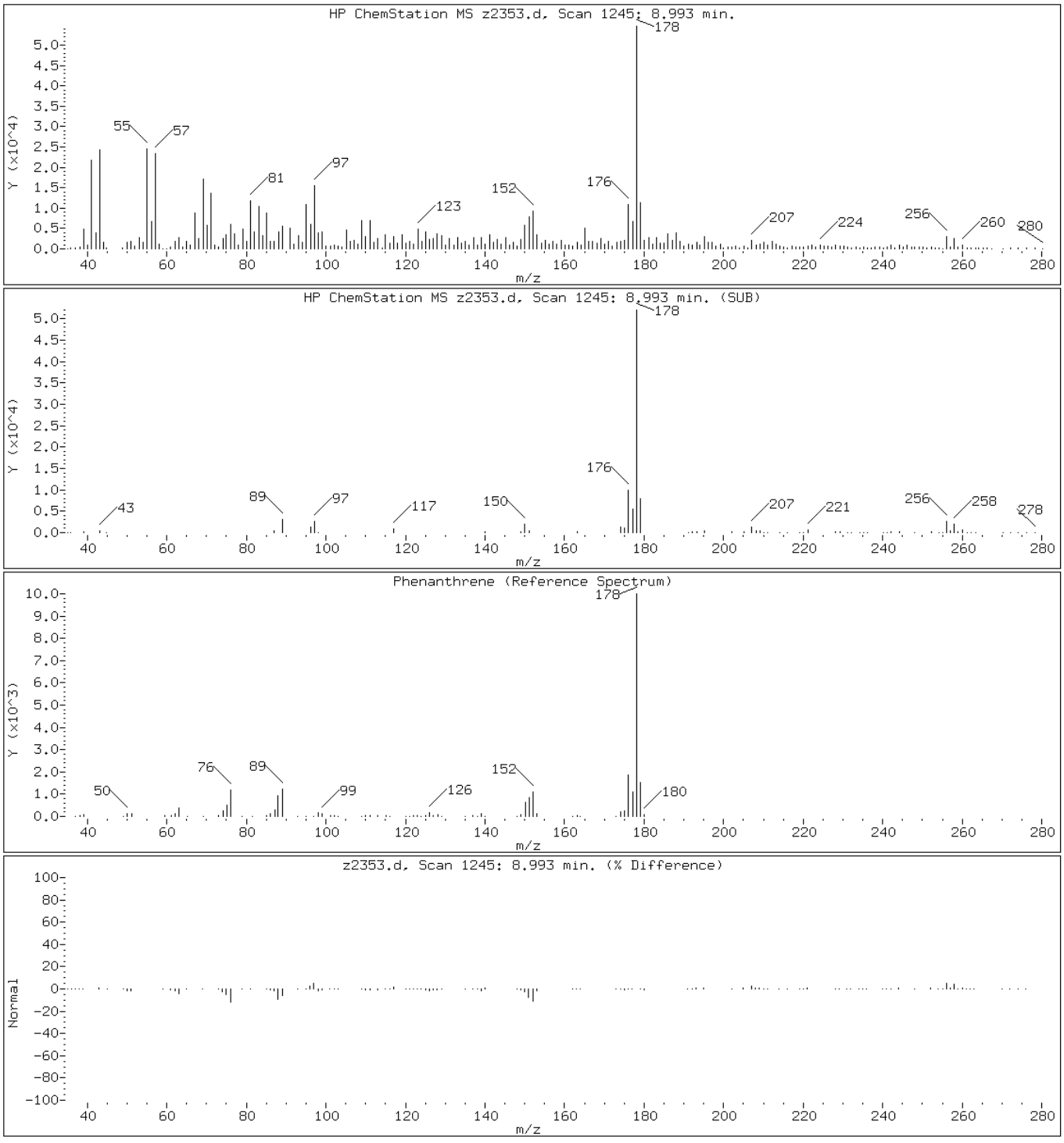
Data File: z2353.d

Date: 19-SEP-2013 23:00

Client ID: PMP-2SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-33-B Operator: BNAMS 4

52 Phenanthrene



Data File: z2353.d

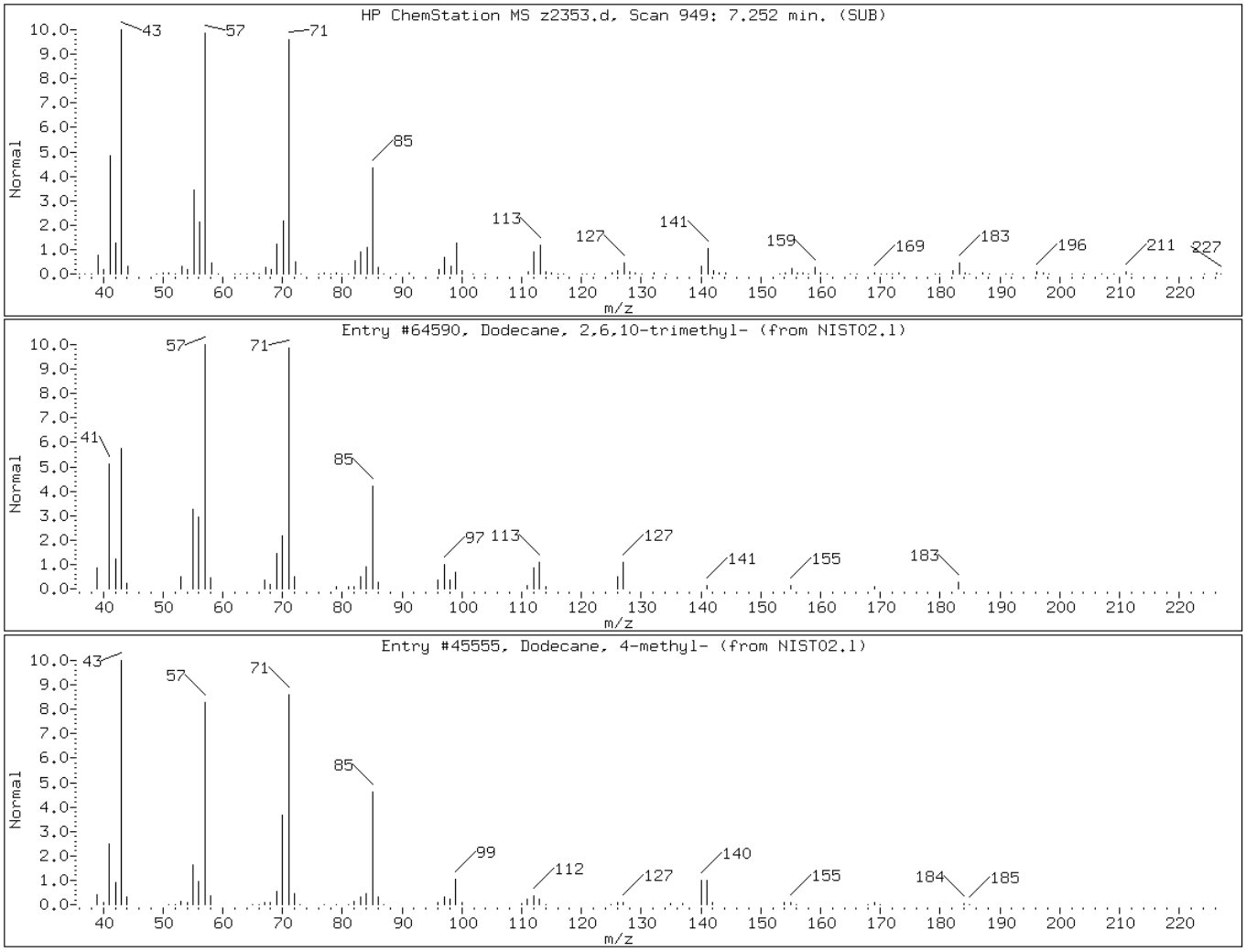
Date: 19-SEP-2013 23:00

Client ID: PMP-2SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-33-B Operator: BNAMS 4

Retention Time: 7.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64590	80	C15H32	212
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45555	76	C13H28	184



Data File: z2353.d

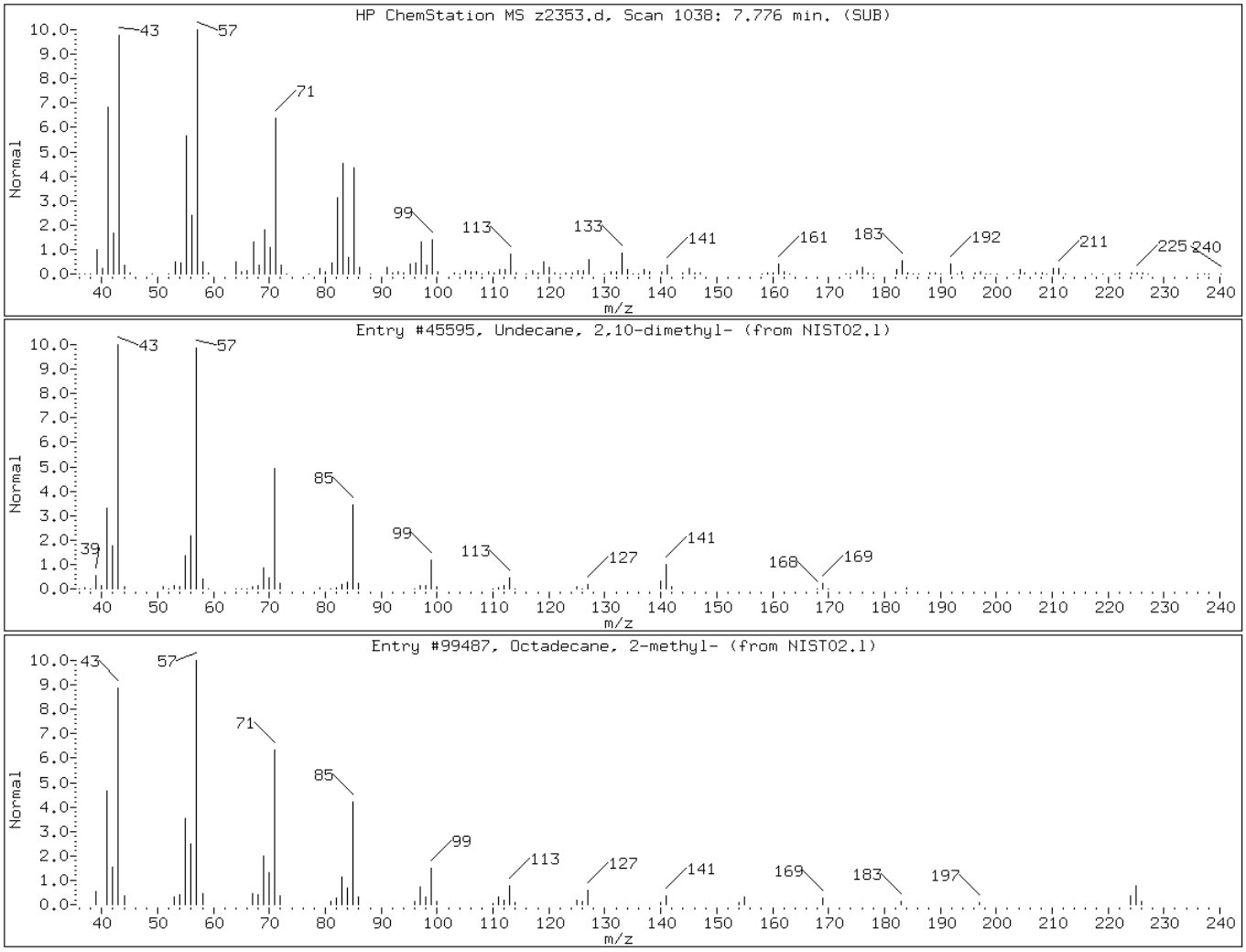
Date: 19-SEP-2013 23:00

Client ID: PMP-2SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-33-B Operator: BNAMS 4

Retention Time: 7.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane/Unknown-1						
Undecane, 2,10-dimethyl-	17301-27-8	NIST02.l	45595	60	C13H28	184
Octadecane, 2-methyl-	1560-88-9	NIST02.l	99487	58	C19H40	268



Data File: z2353.d

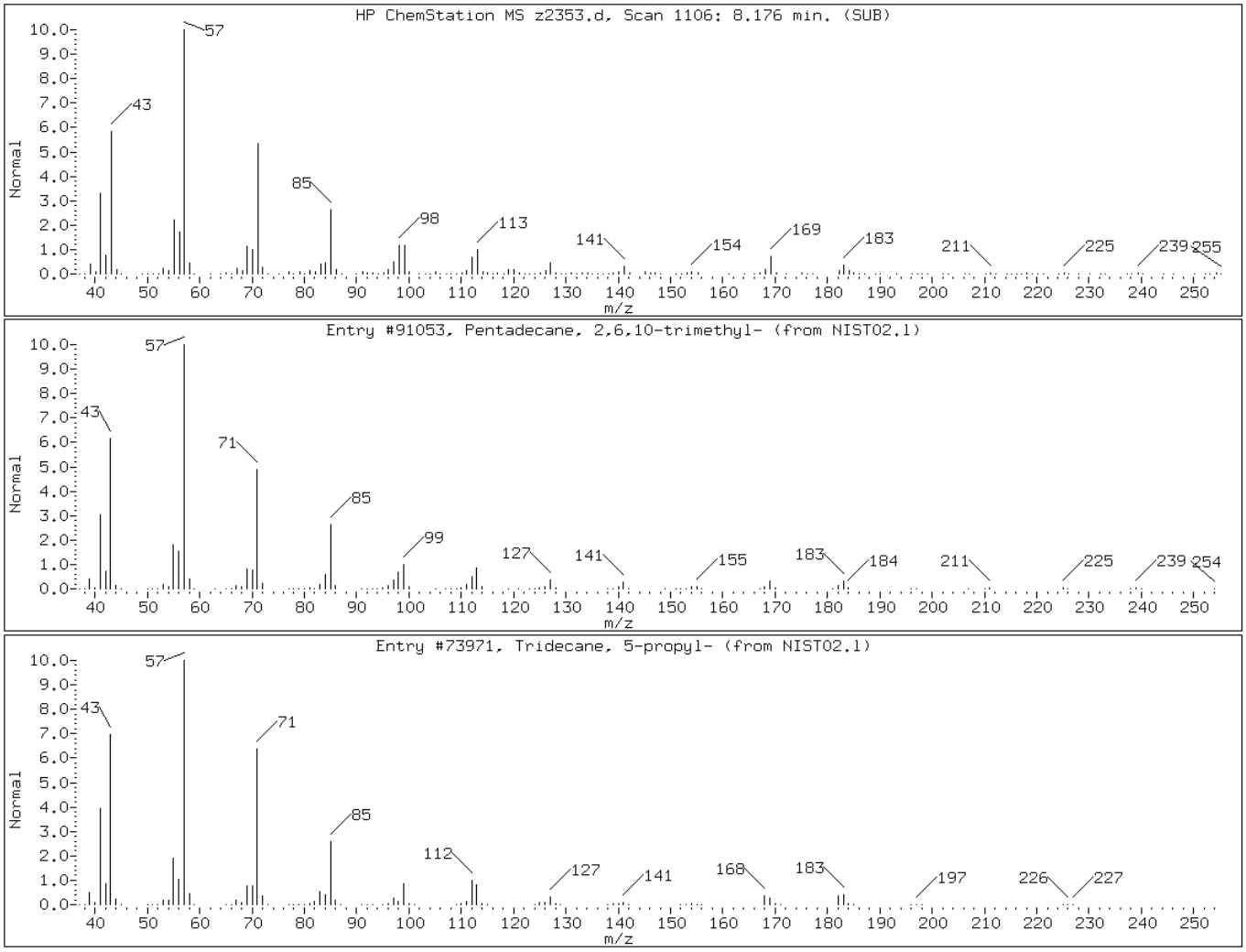
Date: 19-SEP-2013 23:00

Client ID: PMP-2SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-33-B Operator: BNAMS 4

Retention Time: 8.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	94	C18H38	254
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	93	C16H34	226



Data File: z2353.d

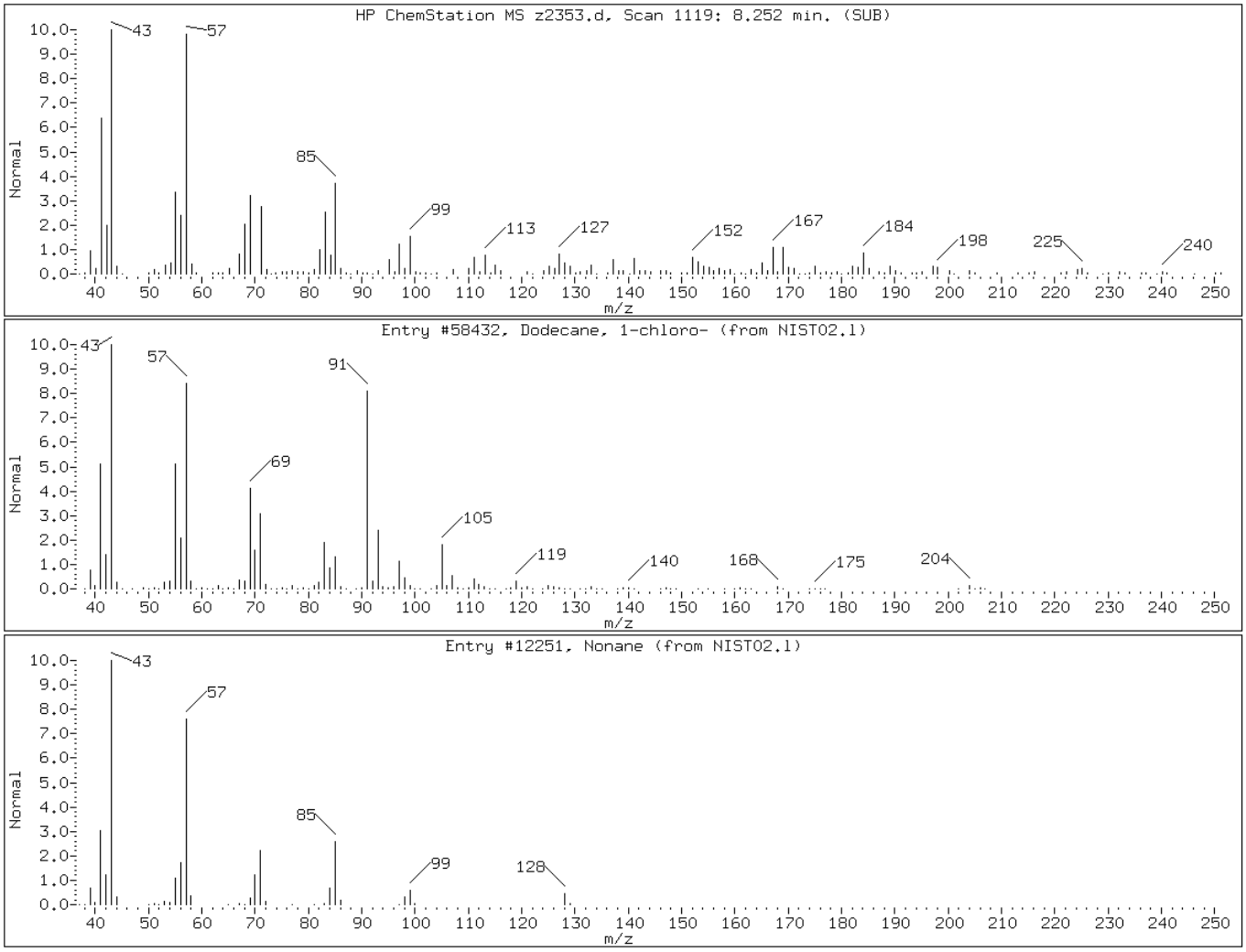
Date: 19-SEP-2013 23:00

Client ID: PMP-2SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-33-B Operator: BNAMS 4

Retention Time: 8.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane/Unknown-2						
Dodecane, 1-chloro-	112-52-7	NIST02.l	58432	49	C12H25Cl	204
Nonane	111-84-2	NIST02.l	12251	46	C9H20	128



Data File: z2353.d

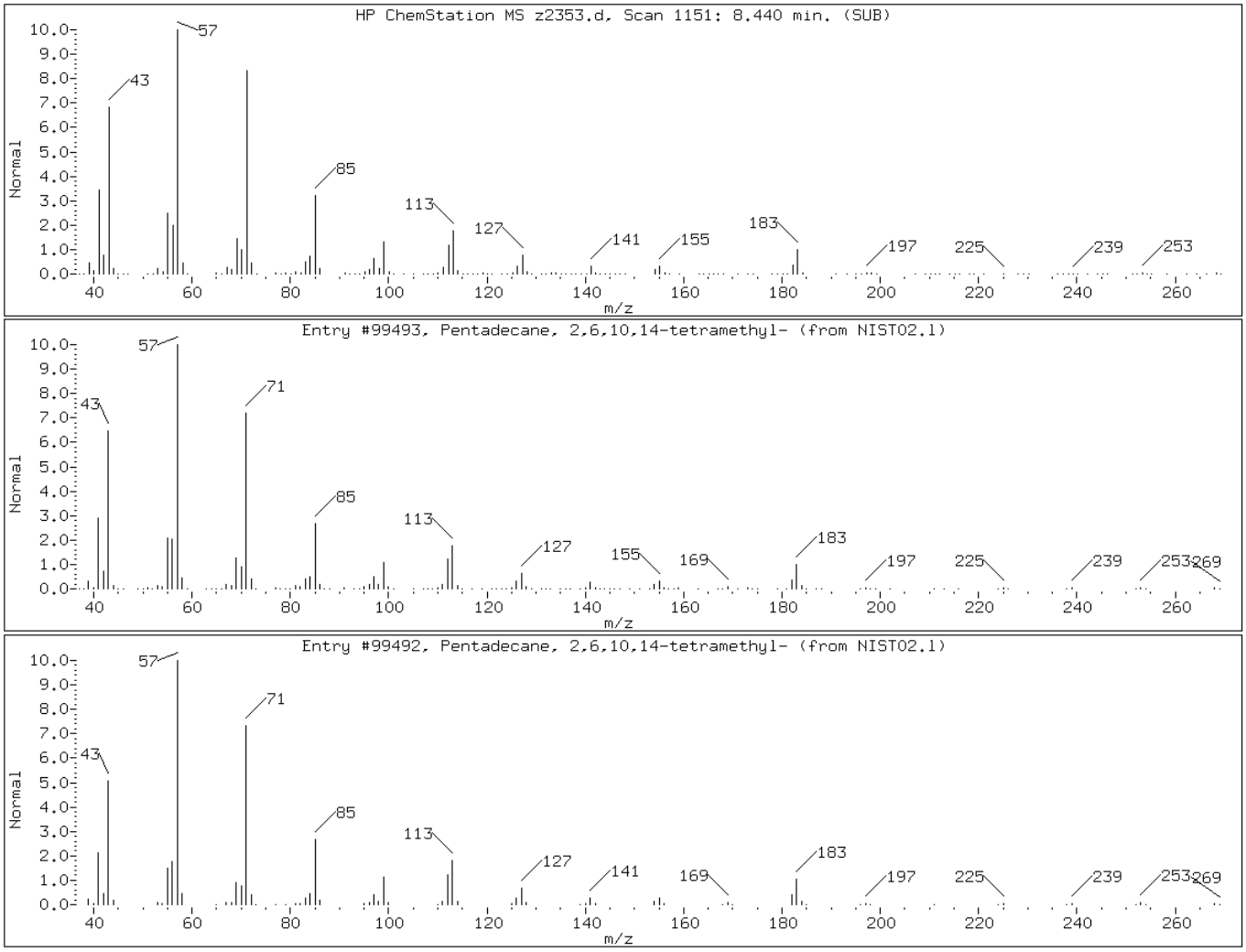
Date: 19-SEP-2013 23:00

Client ID: PMP-2SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-33-B Operator: BNAMS 4

Retention Time: 8.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	91	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	91	C19H40	268



Data File: z2353.d

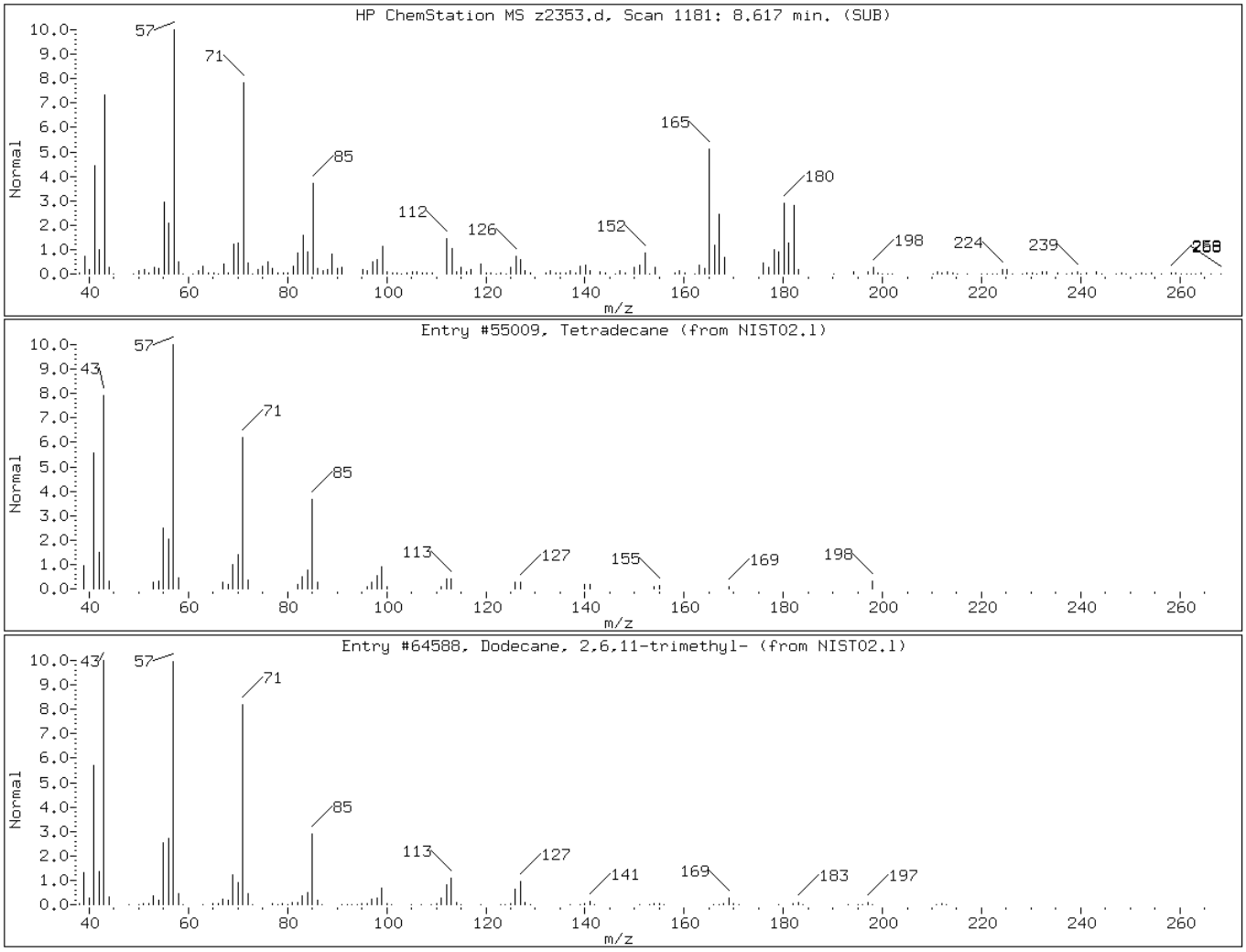
Date: 19-SEP-2013 23:00

Client ID: PMP-2SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-33-B Operator: BNAMS 4

Retention Time: 8.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Tetradecane	629-59-4	NIST02.l	55009	49	C14H30	198
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64588	42	C15H32	212



Data File: z2353.d

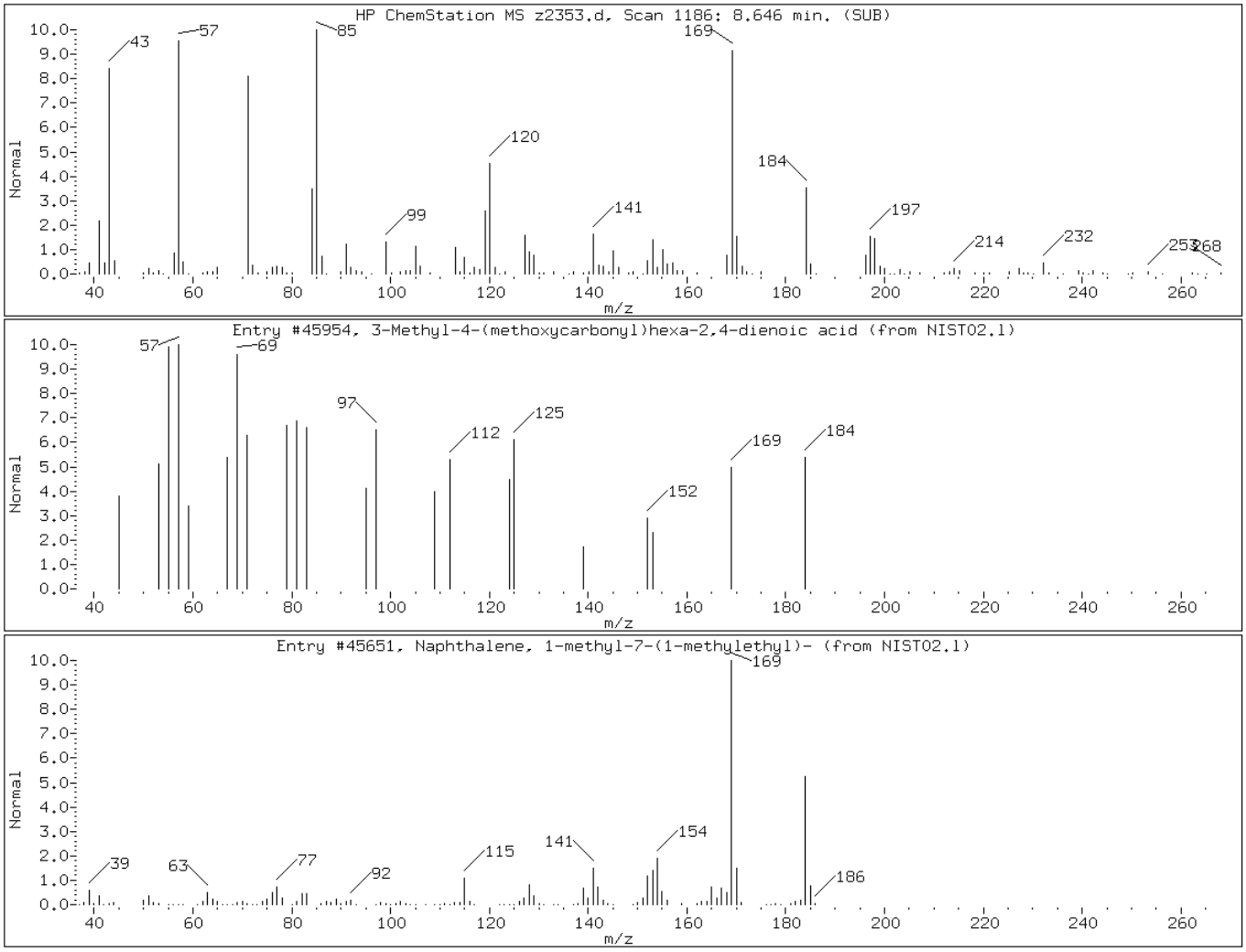
Date: 19-SEP-2013 23:00

Client ID: PMP-2SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-33-B Operator: BNAMS 4

Retention Time: 8.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
3-Methyl-4-(methoxycarbonyl)hexa-2	1000104-10-8	NIST02.l	45954	56	C9H12O4	184
Naphthalene, 1-methyl-7-(1-methyle	490-65-3	NIST02.l	45651	20	C14H16	184



Data File: z2353.d

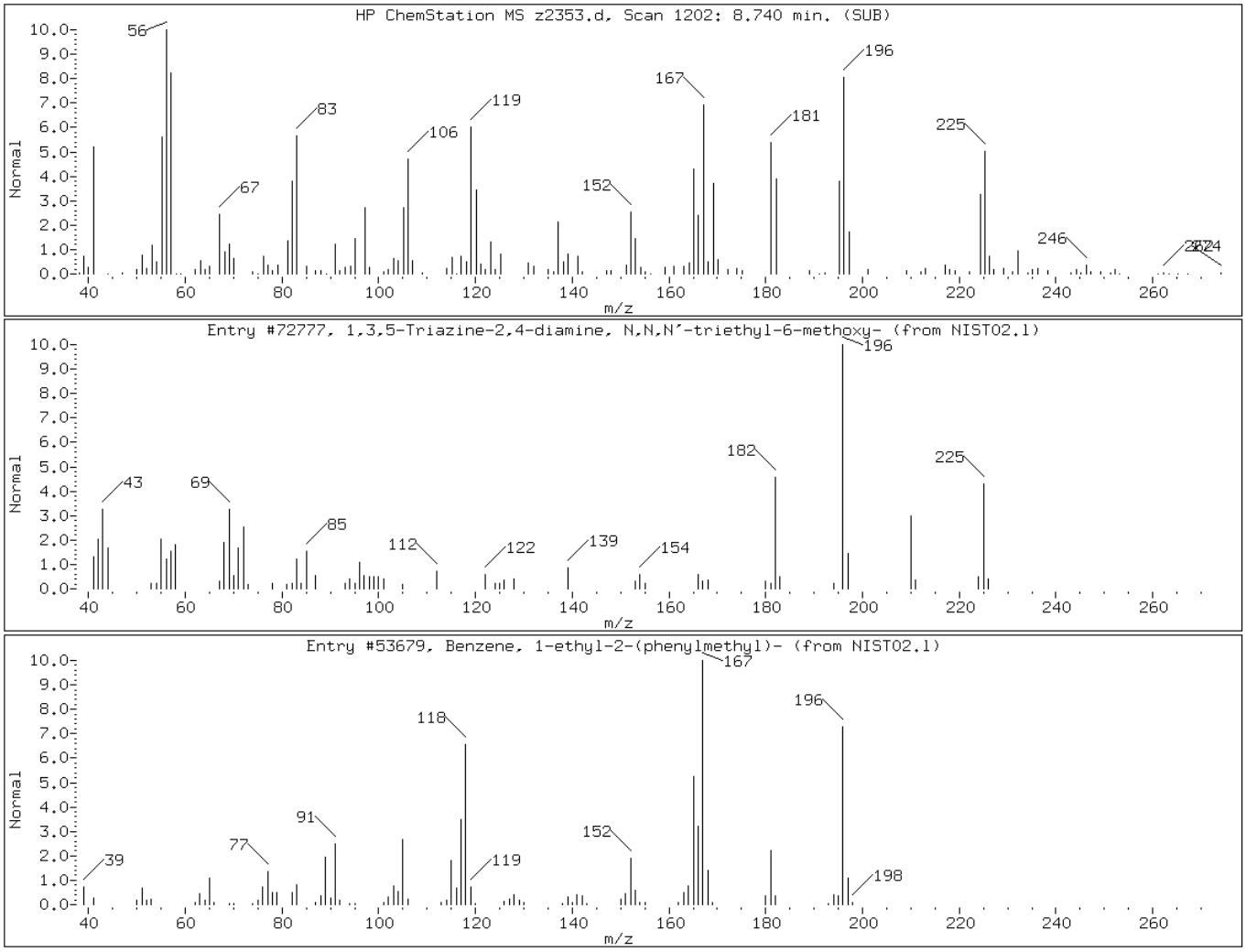
Date: 19-SEP-2013 23:00

Client ID: PMP-2SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-33-B Operator: BNAMS 4

Retention Time: 8.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
1,3,5-Triazine-2,4-diamine, N,N,N'	13532-26-8	NIST02.l	72777	30	C10H19N5O	225
Benzene, 1-ethyl-2-(phenylmethyl)-	28122-25-0	NIST02.l	53679	27	C15H16	196



Data File: z2353.d

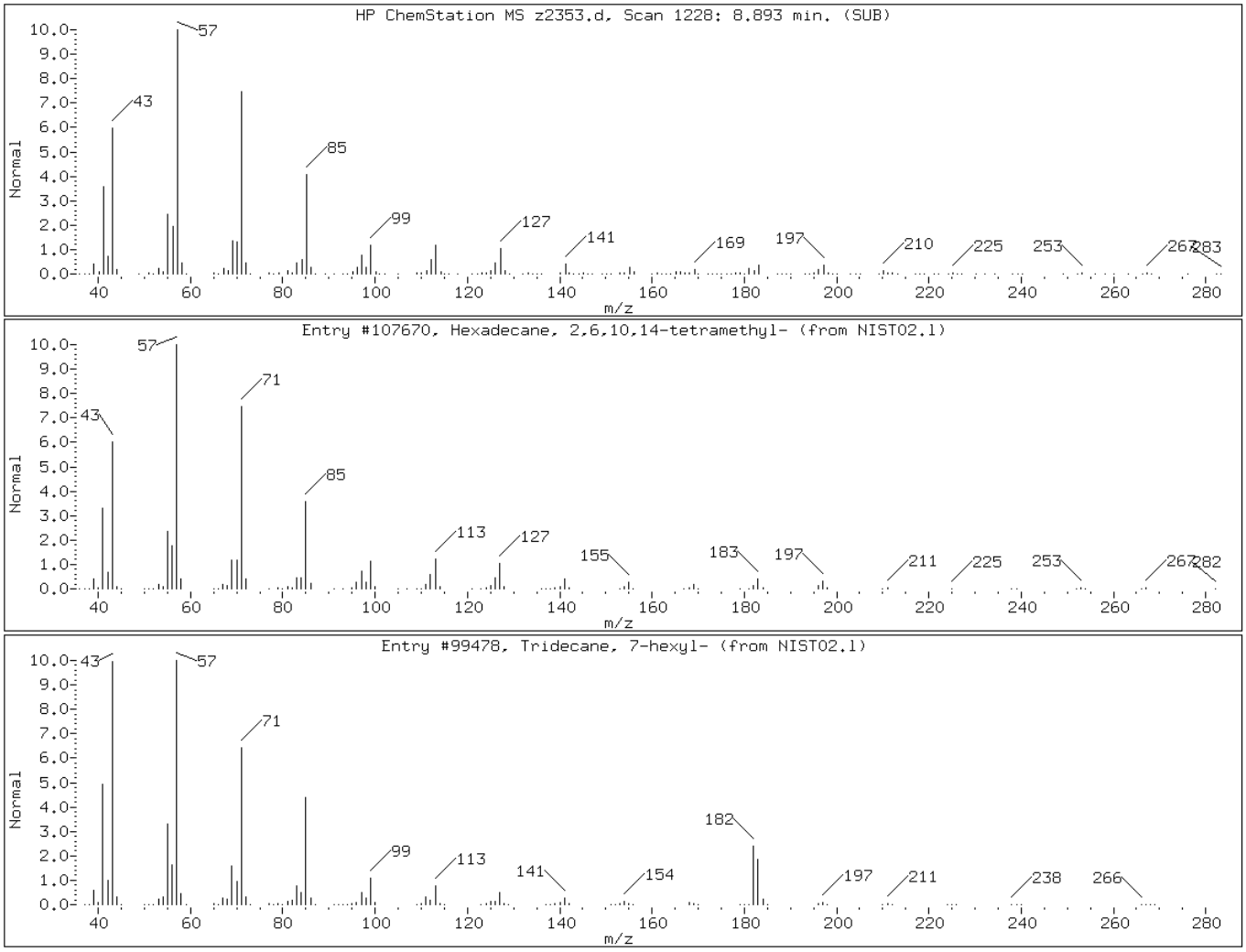
Date: 19-SEP-2013 23:00

Client ID: PMP-2SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-33-B Operator: BNAMS 4

Retention Time: 8.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	99	C20H42	282
Tridecane, 7-hexyl-	7225-66-3	NIST02.l	99478	94	C19H40	268



Data File: z2353.d

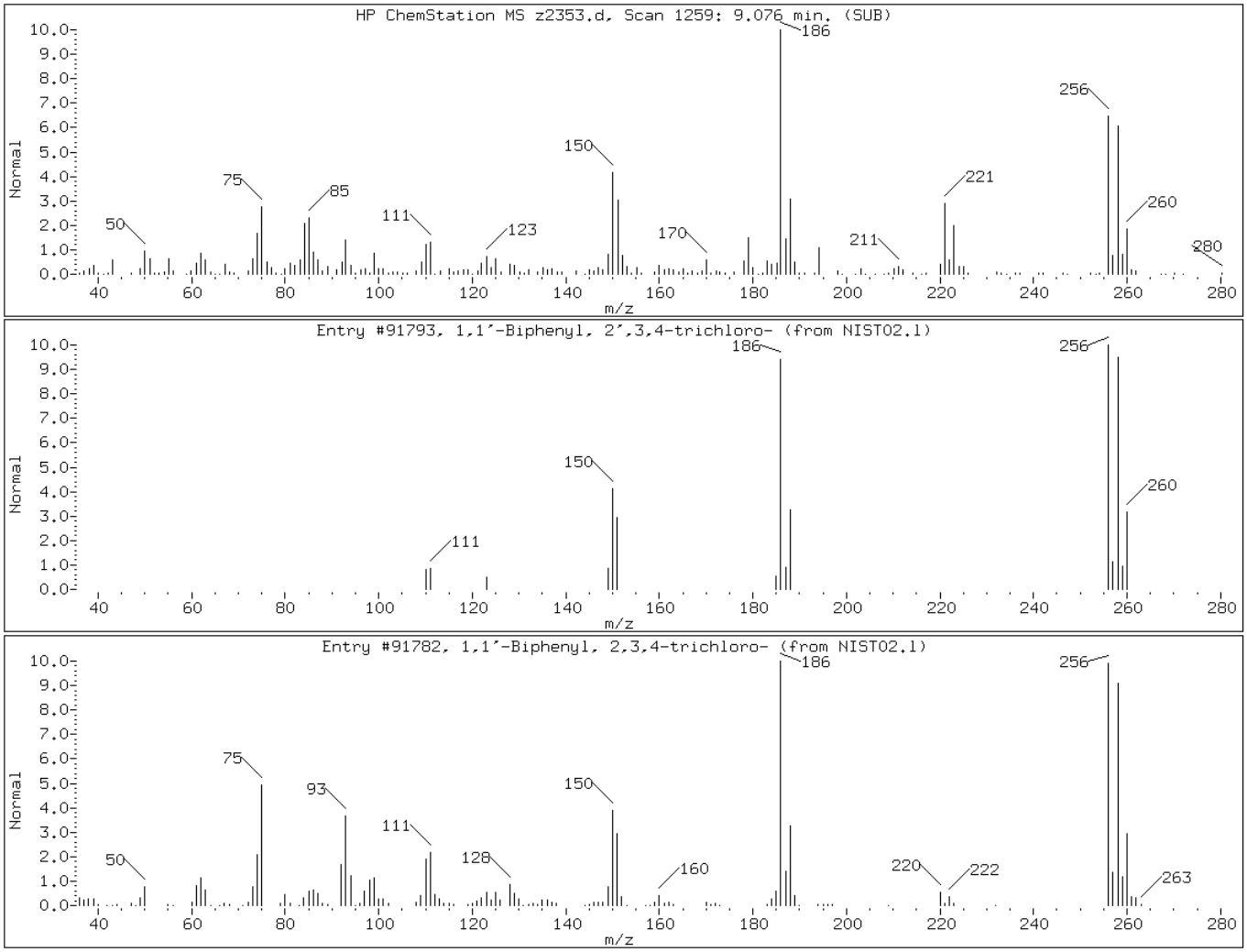
Date: 19-SEP-2013 23:00

Client ID: PMP-2SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-33-B Operator: BNAMS 4

Retention Time: 9.08

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, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	94	C12H7Cl3	256



Data File: z2353.d

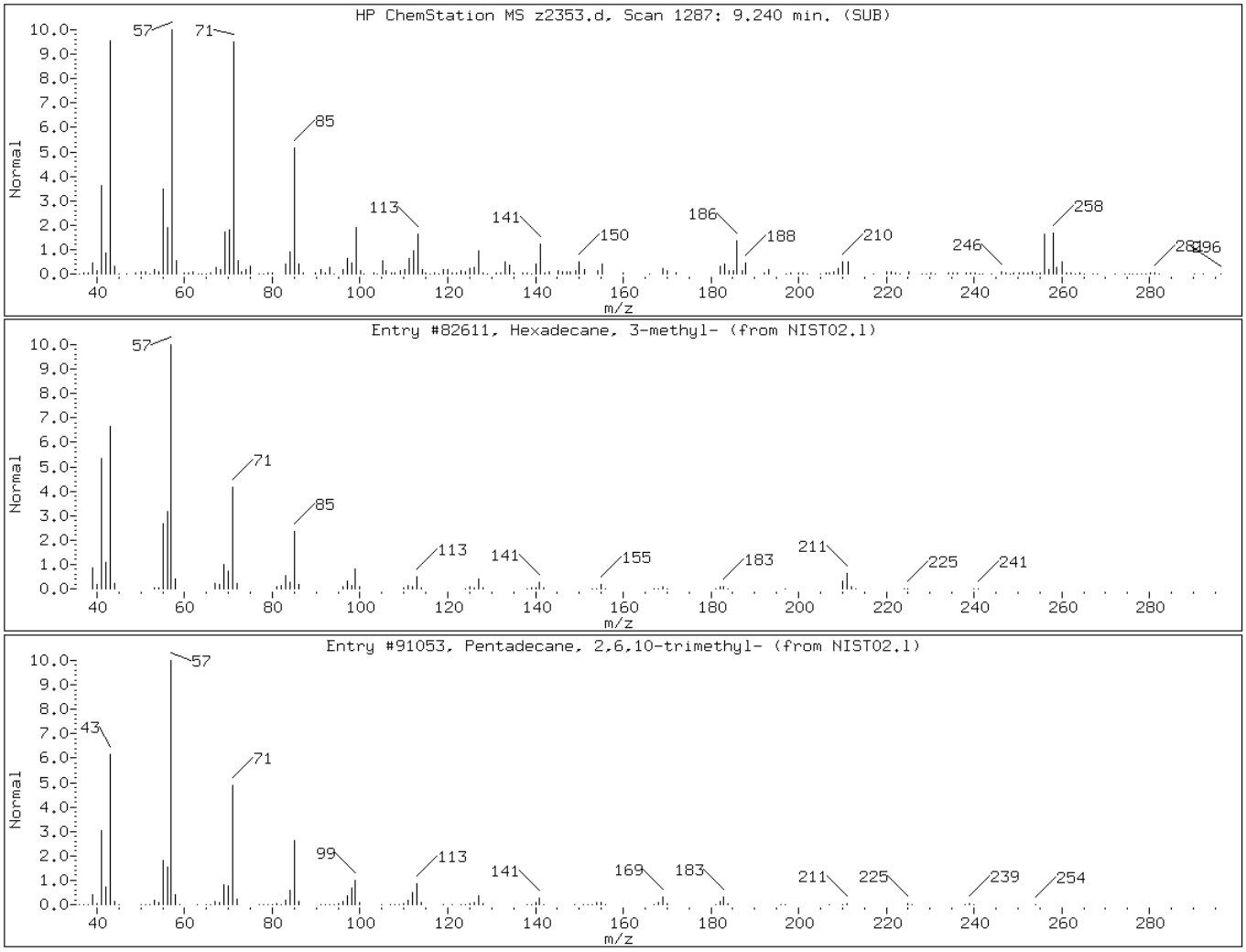
Date: 19-SEP-2013 23:00

Client ID: PMP-2SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-33-B Operator: BNAMS 4

Retention Time: 9.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane/Unknown-3						
Hexadecane, 3-methyl-	6418-43-5	NIST02.l	82611	76	C17H36	240
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	70	C18H38	254



Data File: z2353.d

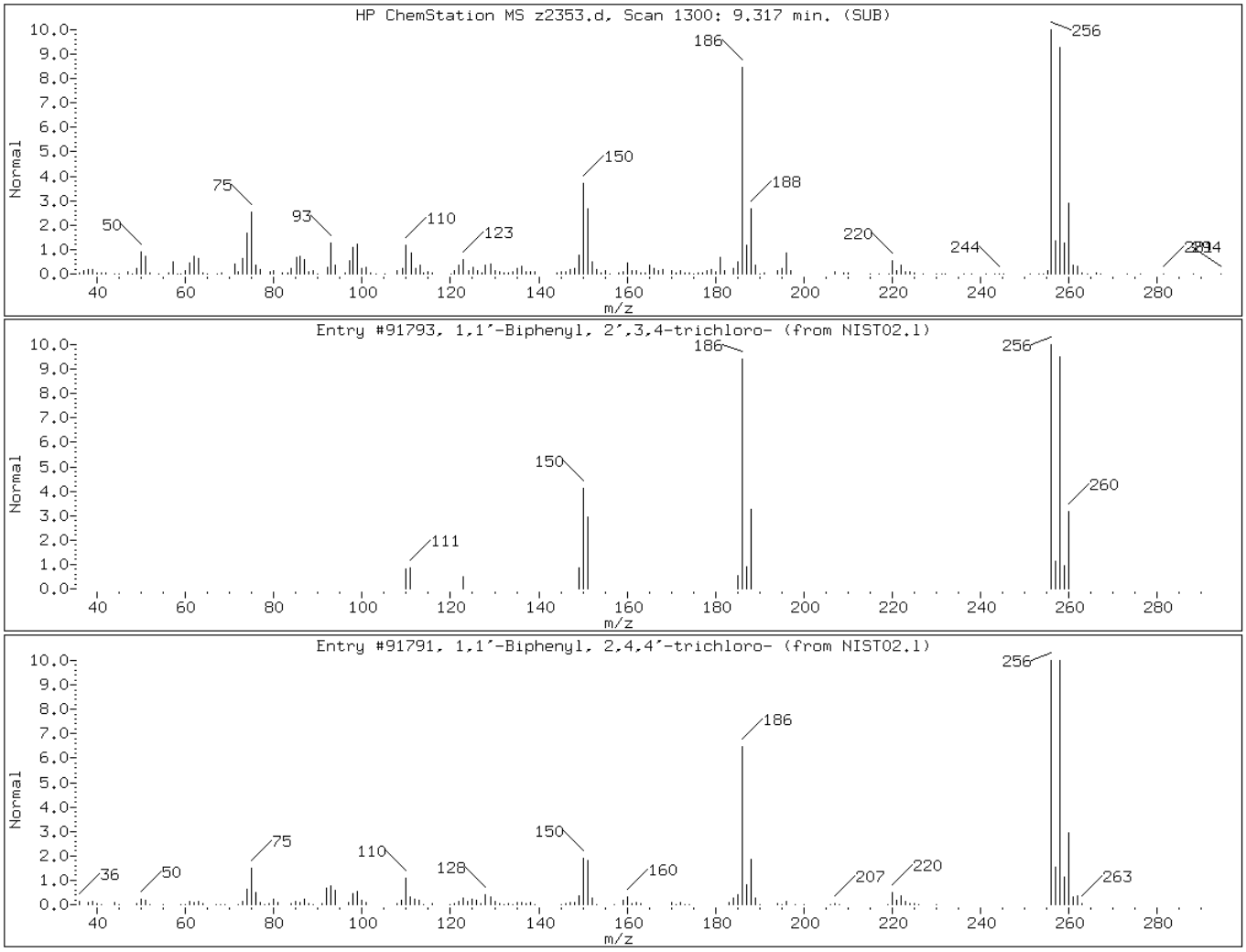
Date: 19-SEP-2013 23:00

Client ID: PMP-2SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-33-B Operator: BNAMS 4

Retention Time: 9.32

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, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	98	C12H7Cl3	256



Data File: z2353.d

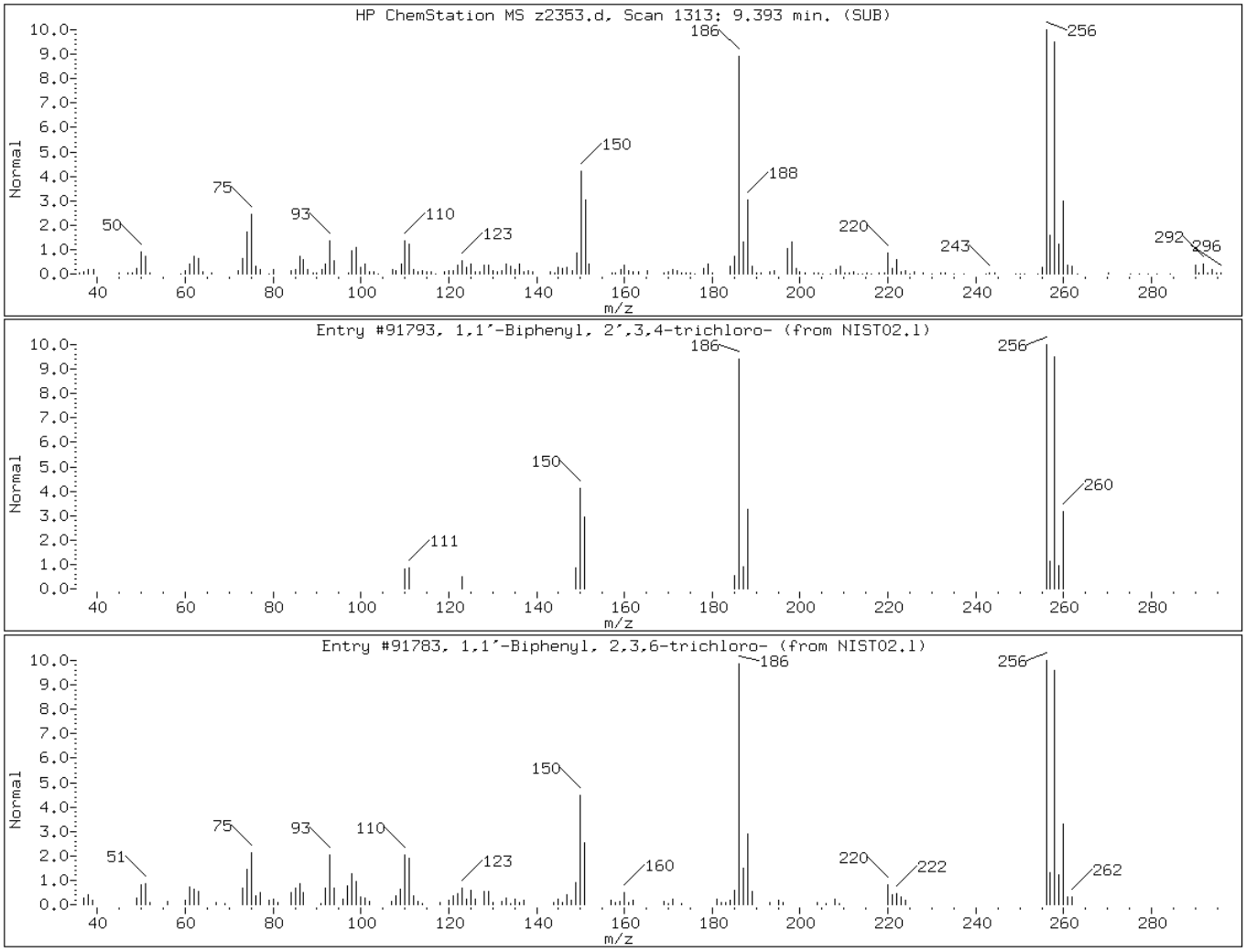
Date: 19-SEP-2013 23:00

Client ID: PMP-2SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-33-B Operator: BNAMS 4

Retention Time: 9.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	99	C12H7Cl3	256
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	99	C12H7Cl3	256



Data File: z2353.d

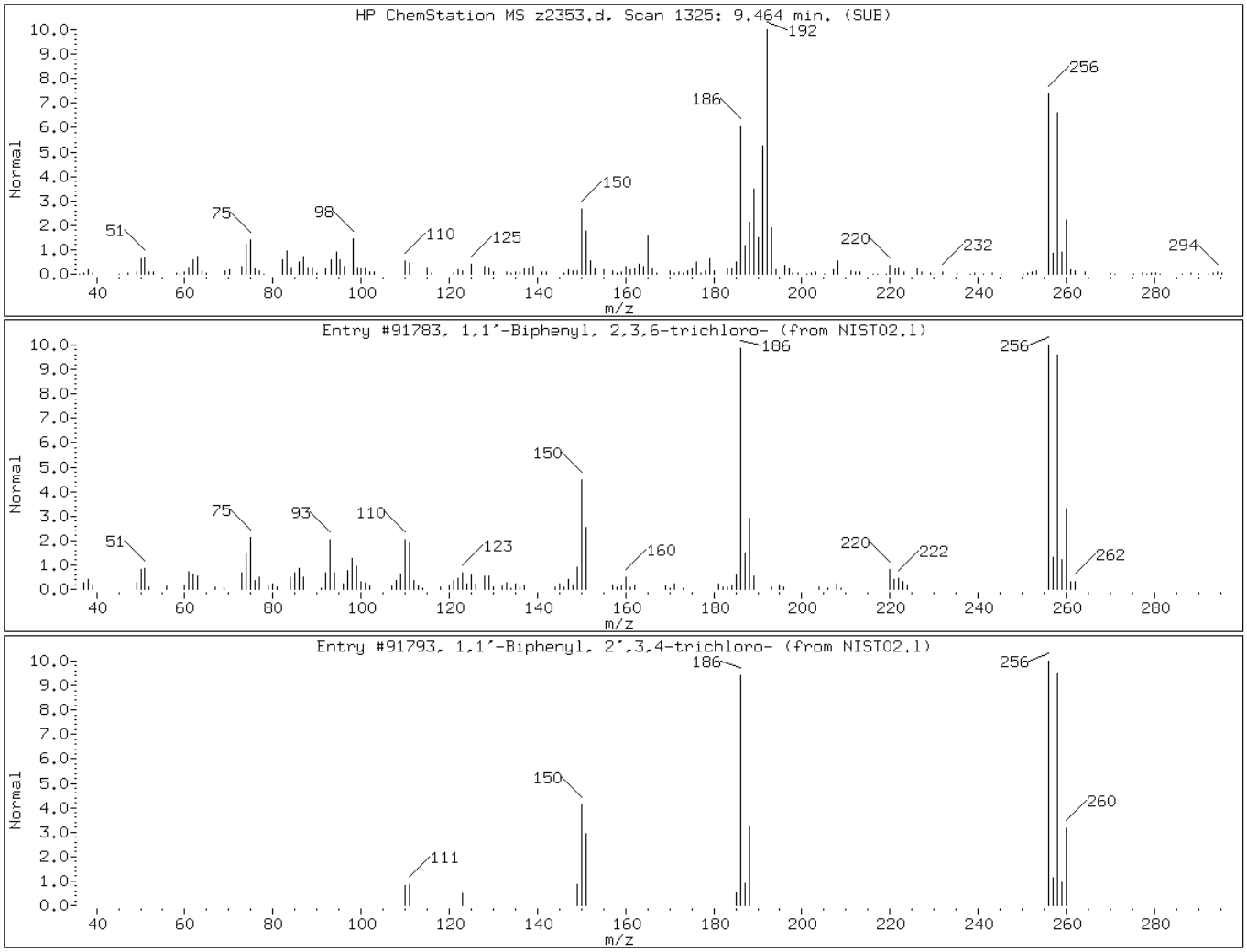
Date: 19-SEP-2013 23:00

Client ID: PMP-2SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-33-B Operator: BNAMS 4

Retention Time: 9.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	90	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	89	C12H7Cl3	256



Data File: z2353.d

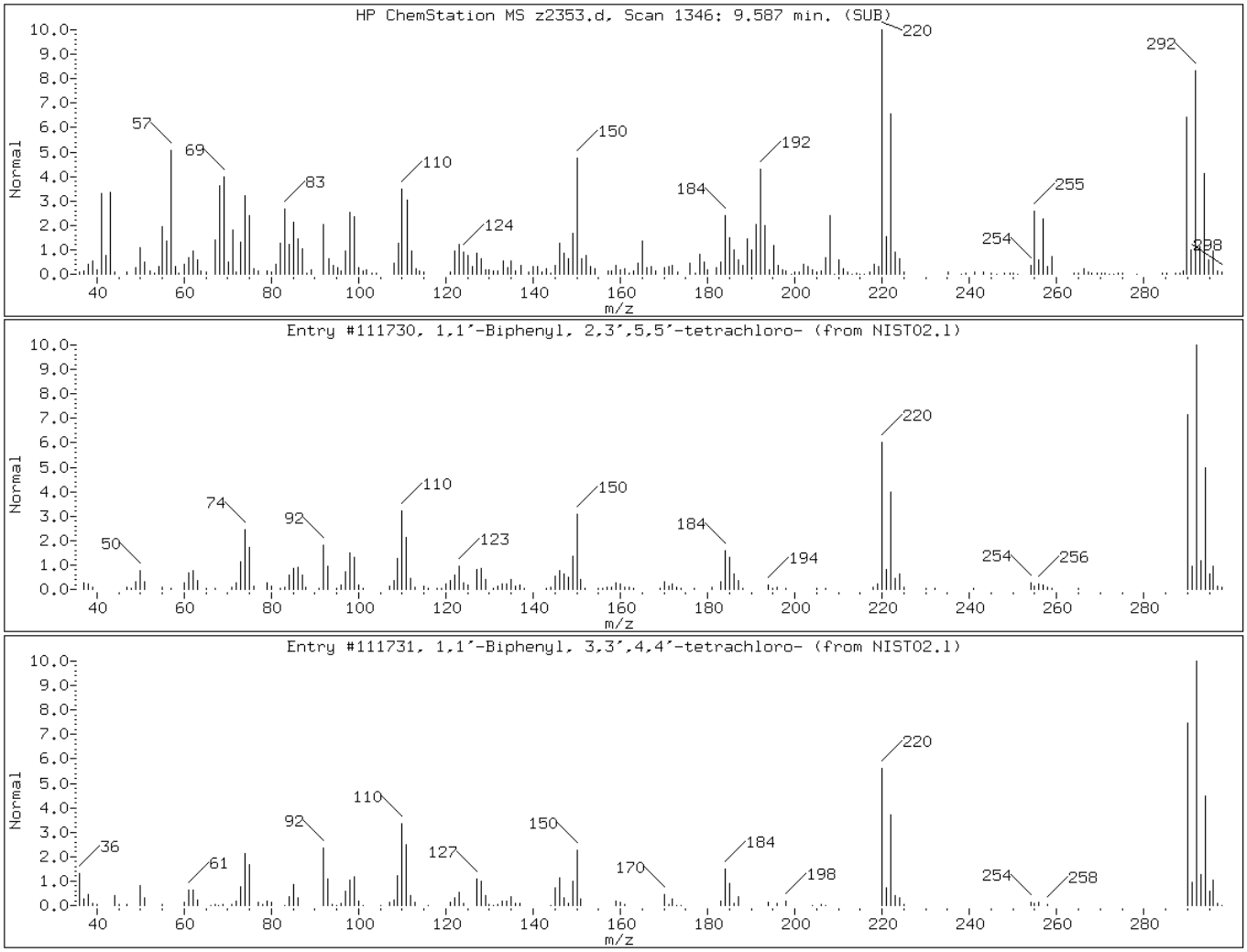
Date: 19-SEP-2013 23:00

Client ID: PMP-2SE-SI Instrument: BNAMS11.i

Sample Info: 460-62968-E-33-B 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, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	97	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111731	95	C12H6Cl4	290



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VS | Lab Sample ID: 460-62968-34

Matrix: Solid | Lab File ID: z2357.d

Analysis Method: 8270C | Date Collected: 09/12/2013 16:15

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 00:39

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.: 182252 | 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VS | Lab Sample ID: 460-62968-34

Matrix: Solid | Lab File ID: z2357.d

Analysis Method: 8270C | Date Collected: 09/12/2013 16:15

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.01(g) | Date Analyzed: 09/20/2013 00:39

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.: 182252 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1100	220
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	42	U	350	42
86-73-7	Fluorene	45	U	350	45
206-44-0	Fluoranthene	47	U	350	47
84-74-2	Di-n-butyl phthalate	43	U	350	43
121-14-2	2,4-Dinitrotoluene	11	U	71	11
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	710	110
534-52-1	4,6-Dinitro-2-methylphenol	95	U	1100	95
101-55-3	4-Bromophenyl phenyl ether	35	U	350	35
1912-24-9	Atrazine	54	U	350	54
120-12-7	Anthracene	42	U	350	42
86-74-8	Carbazole	41	U	350	41
85-01-8	Phenanthrene	44	U	350	44
87-86-5	Pentachlorophenol	100	U	1100	100
129-00-0	Pyrene	29	U	350	29
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.6	U	35	2.6
191-24-2	Benzo[g,h,i]perylene	26	U	350	26
205-99-2	Benzo[b]fluoranthene	2.2	U	35	2.2
50-32-8	Benzo[a]pyrene	2.5	U	35	2.5
56-55-3	Benzo[a]anthracene	2.4	U	35	2.4
86-30-6	N-Nitrosodiphenylamine	34	U	350	34
85-68-7	Butyl benzyl phthalate	32	U	350	32
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	350	120
117-84-0	Di-n-octyl phthalate	22	U	350	22
193-39-5	Indeno[1,2,3-cd]pyrene	6.5	U	35	6.5
53-70-3	Dibenz(a,h)anthracene	4.4	U	35	4.4
91-94-1	3,3'-Dichlorobenzidine	120	U	710	120
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	350	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VS Lab Sample ID: 460-62968-34

Matrix: Solid Lab File ID: z2357.d

Analysis Method: 8270C Date Collected: 09/12/2013 16:15

Extract. Method: 3541 Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.01(g) Date Analyzed: 09/20/2013 00:39

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.: 182252 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	64		38-105
4165-62-2	Phenol-d5	71		41-118
1718-51-0	Terphenyl-d14	81		16-151
118-79-6	2,4,6-Tribromophenol	70		10-120
367-12-4	2-Fluorophenol	66		37-125
321-60-8	2-Fluorobiphenyl	67		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VS Lab Sample ID: 460-62968-34

Matrix: Solid Lab File ID: z2357.d

Analysis Method: 8270C Date Collected: 09/12/2013 16:15

Extract. Method: 3541 Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.01(g) Date Analyzed: 09/20/2013 00:39

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.: 182252 Units: ug/Kg

Number TICs Found: 1 TIC Result Total: 300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	15.56	300	J

Data File: /chem/BNAMS11.i/8270/09-19-13/19sep13a.b/z2357.d
Report Date: 20-Sep-2013 12:33

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-19-13/19sep13a.b/z2357.d
Lab Smp Id: 460-62968-E-34-B Client Smp ID: PMP-22SE-VS
Inj Date : 20-SEP-2013 00:39
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62968-E-34-B
Misc Info : 460-62968-E-34-B
Comment   :
Method   : /chem/BNAMS11.i/8270/09-19-13/19sep13a.b/8270C_11.m
Meth Date : 19-Sep-2013 15:54 croccom Quant Type: ISTD
Cal Date : 19-SEP-2013 03:37 Cal File: z2314.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	15.01000	Weight of sample extracted (g)
M	5.24476	% Moisture

Cpnd Variable Local Compound Variable

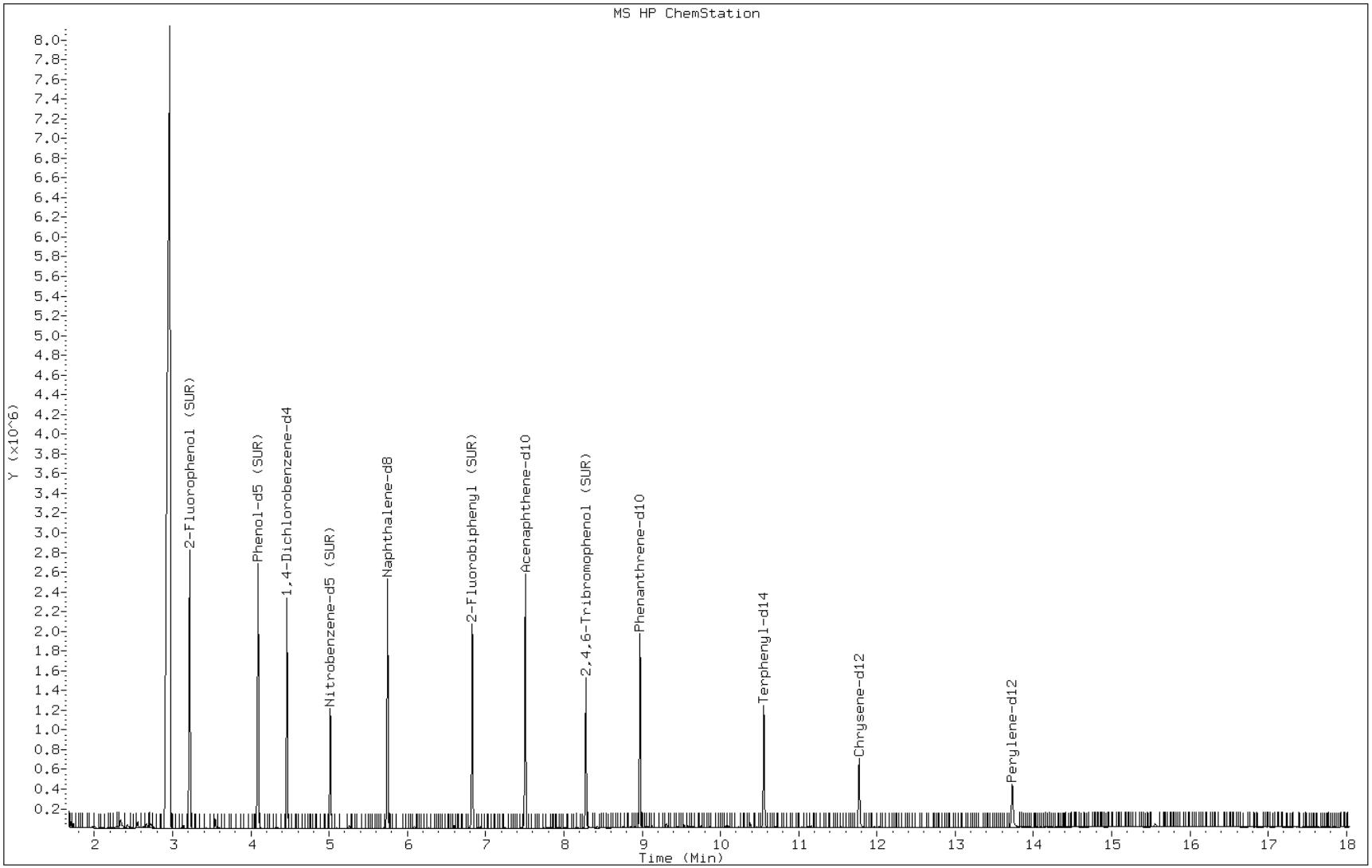
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	3.217	3.188	(0.721)	640198	65.7641	4600
$ 17 Phenol-d5 (SUR)	99	4.094	4.105	(0.917)	862393	70.8785	5000
* 79 1,4-Dichlorobenzene-d4	152	4.464	4.470	(1.000)	274492	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.011	5.029	(0.872)	373369	32.1730	2300
* 80 Naphthalene-d8	136	5.746	5.752	(1.000)	996848	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.829	6.840	(0.910)	603895	33.2713	2300
* 82 Acenaphthene-d10	164	7.505	7.511	(1.000)	491303	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.282	8.293	(1.103)	121519	69.8054	4900
* 83 Phenanthrene-d10	188	8.970	8.976	(1.000)	654539	40.0000	
$ 78 Terphenyl-d14	244	10.552	10.558	(0.896)	368332	40.4314	2800
* 81 Chrysene-d12	240	11.775	11.787	(1.000)	277975	40.0000	
* 84 Perylene-d12	264	13.728	13.740	(1.000)	239419	40.0000	

Data File: z2357.d

Date: 20-SEP-2013 00:39

Client ID: PMP-22SE-VS Instrument: BNAMS11.i

Sample Info: 460-62968-E-34-B Operator: BNAMS 4



Data File: z2357.d

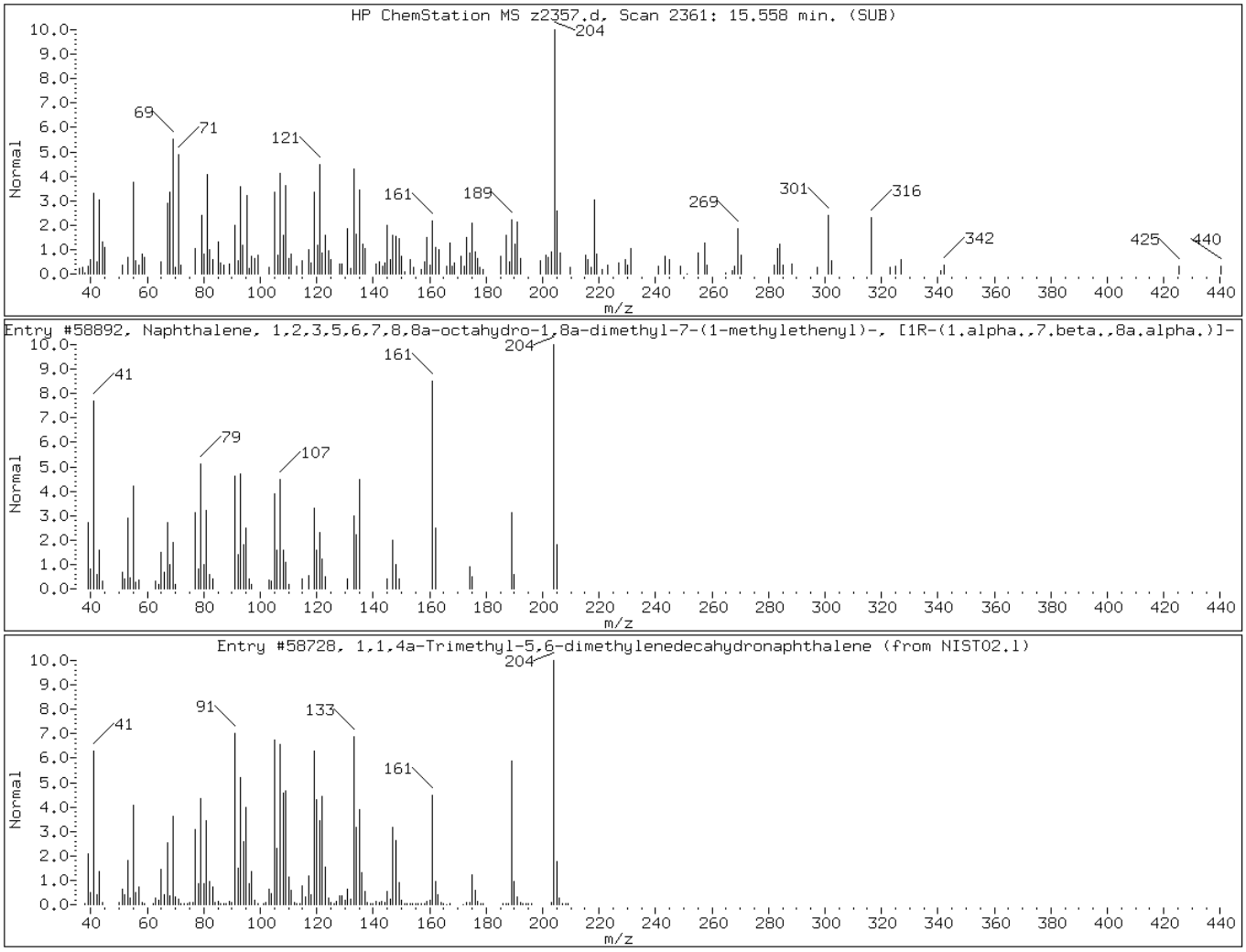
Date: 20-SEP-2013 00:39

Client ID: PMP-22SE-VS Instrument: BNAMS11.i

Sample Info: 460-62968-E-34-B Operator: BNAMS 4

Retention Time: 15.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Naphthalene, 1,2,3,5,6,7,8,8a-octa	4630-07-3	NIST02.l	58892	70	C15H24	204
1,1,4a-Trimethyl-5,6-dimethylenede	1000193-60-8	NIST02.l	58728	70	C15H24	204



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VD | Lab Sample ID: 460-62968-35

Matrix: Solid | Lab File ID: z2344.d

Analysis Method: 8270C | Date Collected: 09/12/2013 16:20

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 19:18

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.: 182252 | 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VD | Lab Sample ID: 460-62968-35

Matrix: Solid | Lab File ID: z2344.d

Analysis Method: 8270C | Date Collected: 09/12/2013 16:20

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 19:18

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.: 182252 | 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	74	J	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VD Lab Sample ID: 460-62968-35

Matrix: Solid Lab File ID: z2344.d

Analysis Method: 8270C Date Collected: 09/12/2013 16:20

Extract. Method: 3541 Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 19:18

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.: 182252 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	77		38-105
4165-62-2	Phenol-d5	74		41-118
1718-51-0	Terphenyl-d14	86		16-151
118-79-6	2,4,6-Tribromophenol	88		10-120
367-12-4	2-Fluorophenol	72		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VD | Lab Sample ID: 460-62968-35

Matrix: Solid | Lab File ID: z2344.d

Analysis Method: 8270C | Date Collected: 09/12/2013 16:20

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 19:18

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.: 182252 | 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/8270/09-19-13/19sep13a.b/z2344.d
Report Date: 20-Sep-2013 12:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-19-13/19sep13a.b/z2344.d
Lab Smp Id: 460-62968-E-35-D Client Smp ID: PMP-22SE-VD
Inj Date : 19-SEP-2013 19:18
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62968-E-35-D
Misc Info : 460-62968-E-35-D
Comment   :
Method   : /chem/BNAMS11.i/8270/09-19-13/19sep13a.b/8270C_11.m
Meth Date : 19-Sep-2013 15:54 croccom 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	15.02000	Weight of sample extracted (g)
M	3.41556	% 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	3.229	3.188	(0.723)	685717	71.8079	4900
$ 17 Phenol-d5 (SUR)	99	4.100	4.105	(0.918)	879034	73.6492	5100
* 79 1,4-Dichlorobenzene-d4	152	4.464	4.470	(1.000)	269263	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.017	5.029	(0.873)	436379	38.4112	2600
* 80 Naphthalene-d8	136	5.747	5.752	(1.000)	975861	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.835	6.840	(0.911)	652246	36.8107	2500
* 82 Acenaphthene-d10	164	7.505	7.511	(1.000)	479618	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.288	8.293	(1.104)	149690	88.0829	6100
* 83 Phenanthrene-d10	188	8.970	8.976	(1.000)	677814	40.0000	
55 Di-n-butylphthalate	149	9.534	9.546	(1.063)	22592	1.06954	74(aH)
$ 78 Terphenyl-d14	244	10.558	10.558	(0.897)	431242	43.1412	3000
* 81 Chrysene-d12	240	11.776	11.787	(1.000)	305010	40.0000	
* 84 Perylene-d12	264	13.734	13.740	(1.000)	230889	40.0000	

Data File: /chem/BNAMS11.i/8270/09-19-13/19sep13a.b/z2344.d
Report Date: 20-Sep-2013 12:16

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: z2344.d

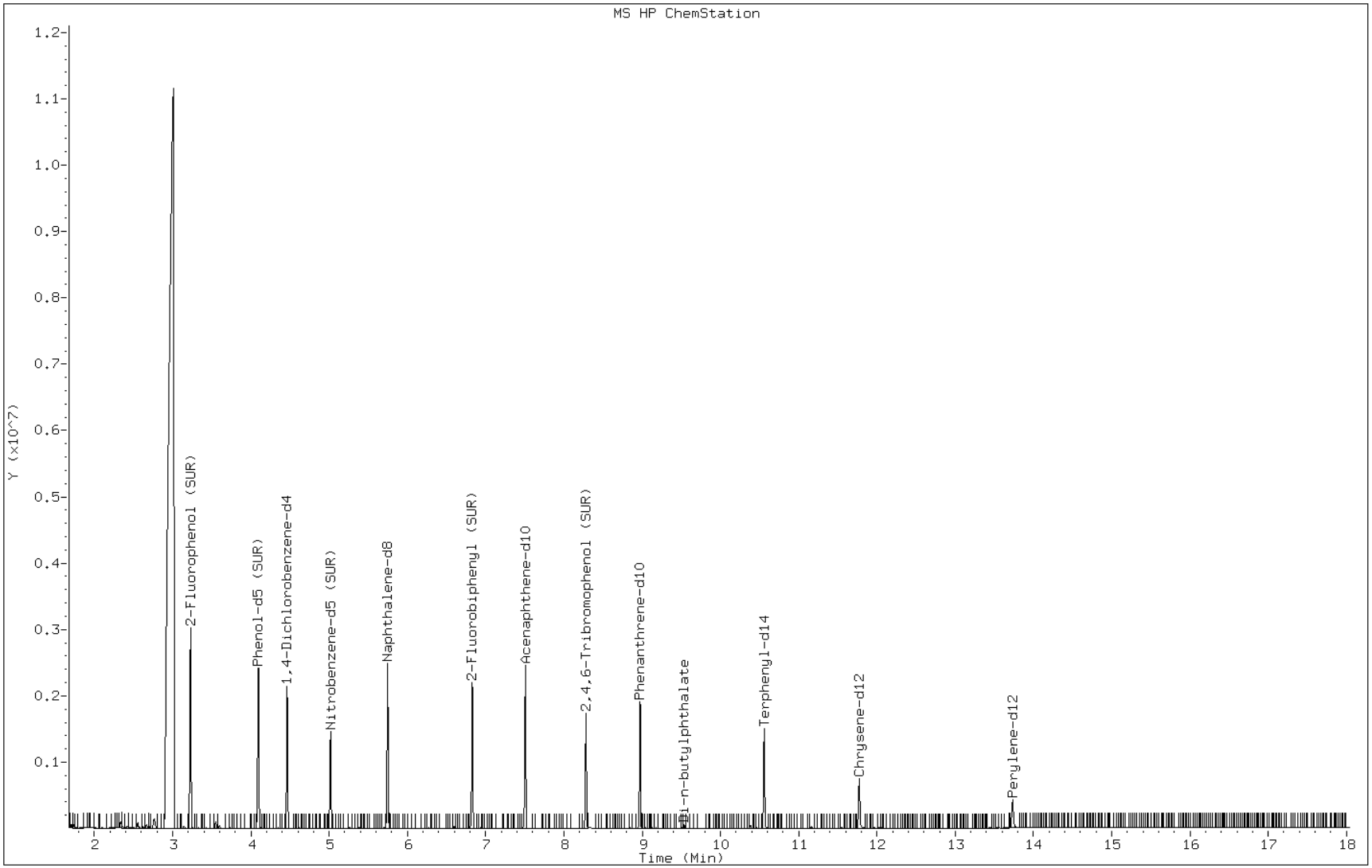
Date: 19-SEP-2013 19:18

Client ID: PMP-22SE-VD

Instrument: BNAMS11.i

Sample Info: 460-62968-E-35-D

Operator: BNAMS 4



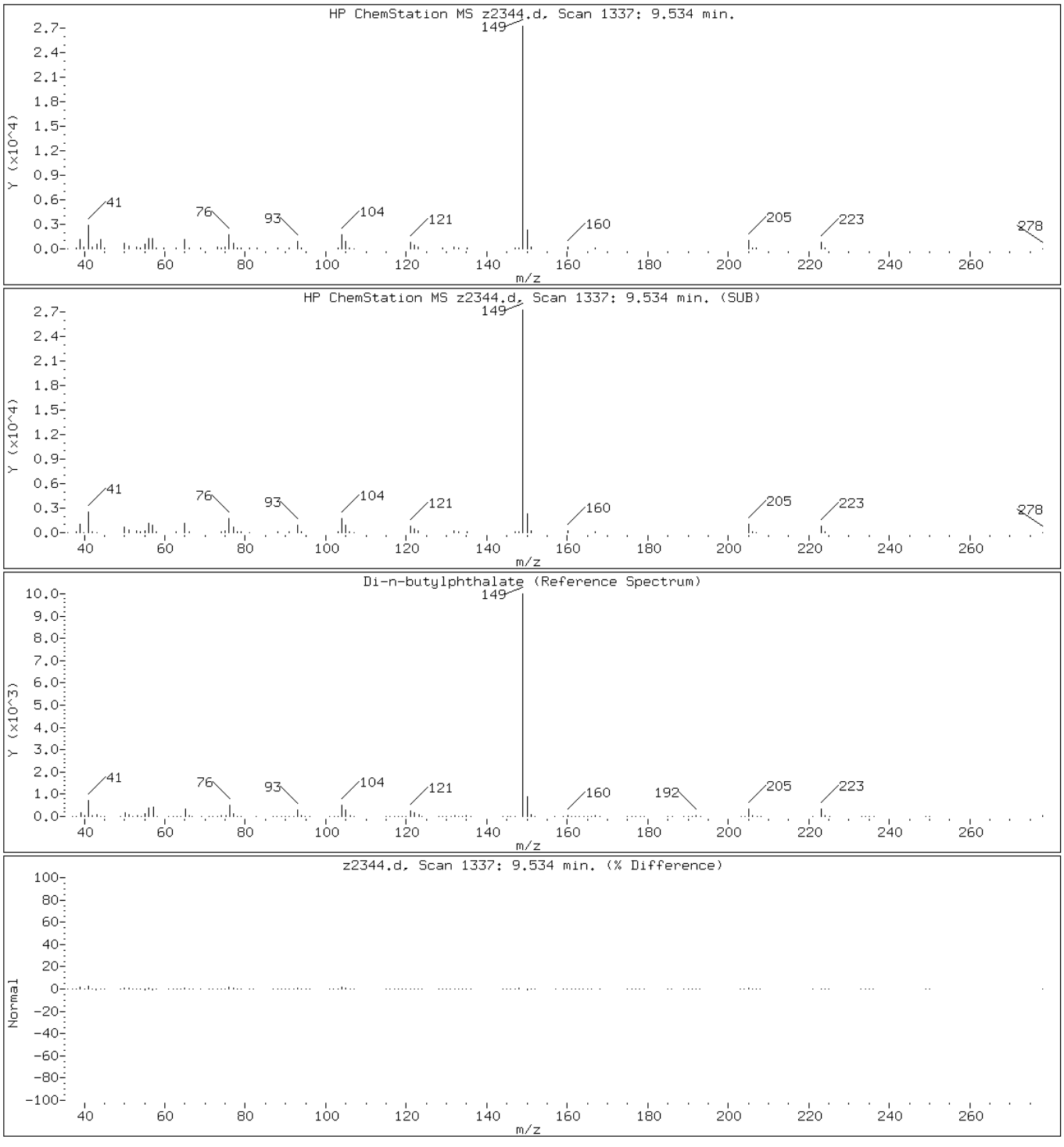
Data File: z2344.d

Date: 19-SEP-2013 19:18

Client ID: PMP-22SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-35-D Operator: BNAMS 4

55 Di-n-butylphthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-WT | Lab Sample ID: 460-62968-36

Matrix: Solid | Lab File ID: z2347.d

Analysis Method: 8270C | Date Collected: 09/12/2013 16:25

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 20:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182252 | 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	55	U	370	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-WT | Lab Sample ID: 460-62968-36

Matrix: Solid | Lab File ID: z2347.d

Analysis Method: 8270C | Date Collected: 09/12/2013 16:25

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 20:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182252 | 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	2.6	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	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-WT | Lab Sample ID: 460-62968-36

Matrix: Solid | Lab File ID: z2347.d

Analysis Method: 8270C | Date Collected: 09/12/2013 16:25

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 20:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182252 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	43		38-105
4165-62-2	Phenol-d5	62		41-118
1718-51-0	Terphenyl-d14	90		16-151
118-79-6	2,4,6-Tribromophenol	81		10-120
367-12-4	2-Fluorophenol	50		37-125
321-60-8	2-Fluorobiphenyl	46		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-WT | Lab Sample ID: 460-62968-36

Matrix: Solid | Lab File ID: z2347.d

Analysis Method: 8270C | Date Collected: 09/12/2013 16:25

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 20:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182252 | 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/8270/09-19-13/19sep13a.b/z2347.d
Report Date: 20-Sep-2013 13:31

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-19-13/19sep13a.b/z2347.d
Lab Smp Id: 460-62968-E-36-B Client Smp ID: PMP-22SE-WT
Inj Date : 19-SEP-2013 20:32
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62968-E-36-B
Misc Info : 460-62968-E-36-B
Comment   :
Method   : /chem/BNAMS11.i/8270/09-19-13/19sep13a.b/8270C_11.m
Meth Date : 19-Sep-2013 15:54 croccom Quant Type: ISTD
Cal Date : 19-SEP-2013 03:37 Cal File: z2314.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	15.01000	Weight of sample extracted (g)
M	11.71004	% 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)	482493	50.3967	3800
$ 17 Phenol-d5 (SUR)	99	4.094	4.105	(0.917)	736494	61.5482	4600
* 79 1,4-Dichlorobenzene-d4	152	4.464	4.470	(1.000)	269956	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.011	5.029	(0.872)	242394	21.2779	1600
* 80 Naphthalene-d8	136	5.746	5.752	(1.000)	978530	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.829	6.840	(0.910)	397608	22.8611	1700
* 82 Acenaphthene-d10	164	7.505	7.511	(1.000)	470778	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.287	8.293	(1.104)	134796	80.8081	6100
* 83 Phenanthrene-d10	188	8.970	8.976	(1.000)	637117	40.0000	
$ 78 Terphenyl-d14	244	10.558	10.558	(0.897)	424363	45.2101	3400
* 81 Chrysene-d12	240	11.775	11.787	(1.000)	286409	40.0000	
* 84 Perylene-d12	264	13.734	13.740	(1.000)	225593	40.0000	

Data File: z2347.d

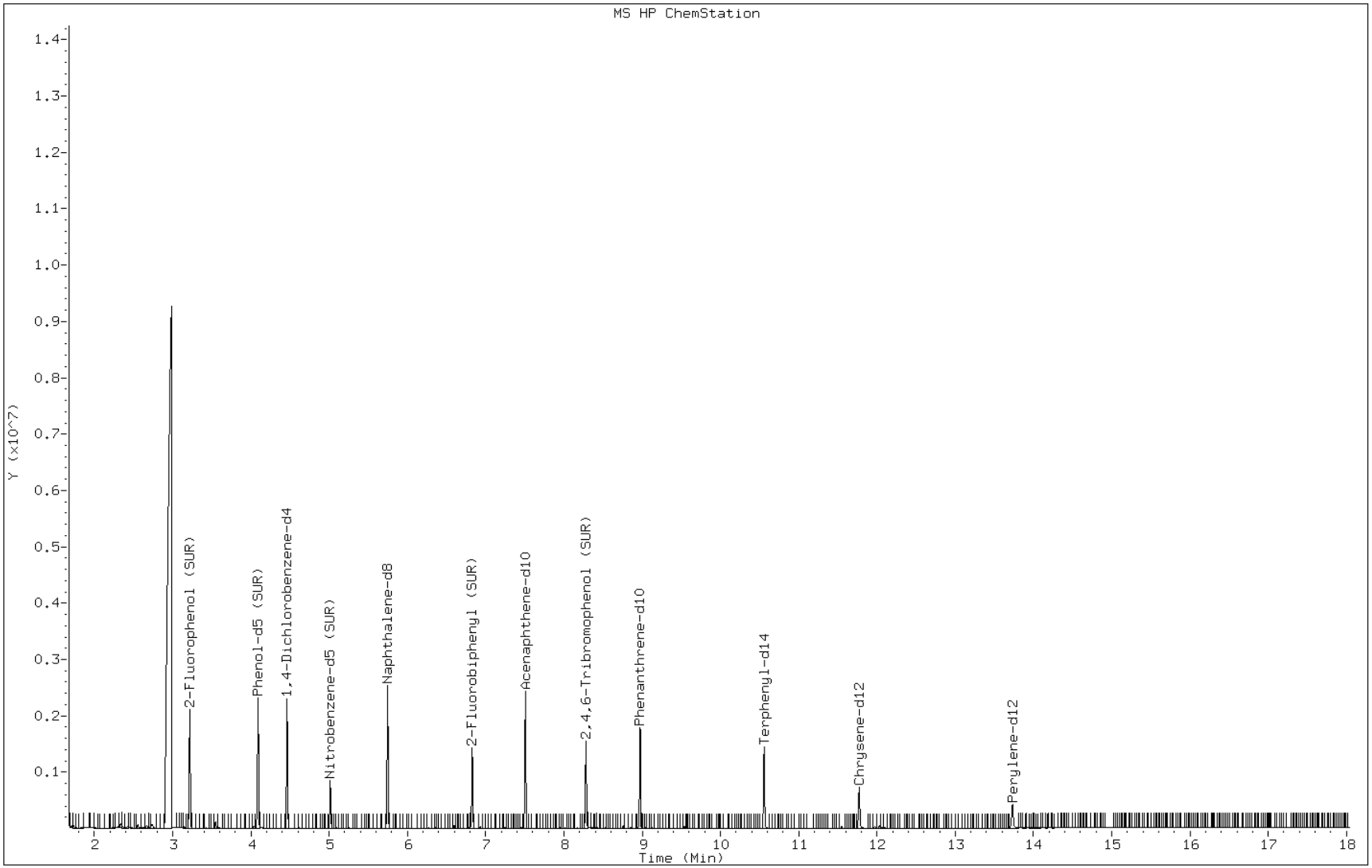
Date: 19-SEP-2013 20:32

Client ID: PMP-22SE-WT

Instrument: BNAMS11.i

Sample Info: 460-62968-E-36-B

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VS | Lab Sample ID: 460-62968-37

Matrix: Solid | Lab File ID: 112749.D

Analysis Method: 8270C | Date Collected: 09/12/2013 16:35

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.03(g) | Date Analyzed: 09/20/2013 16:33

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.: 182394 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	47	U	350	47
95-57-8	2-Chlorophenol	46	U	350	46
95-48-7	2-Methylphenol	59	U	350	59
106-44-5	4-Methylphenol	68	U	350	68
100-52-7	Benzaldehyde	41	U	350	41
98-86-2	Acetophenone	53	U	350	53
111-44-4	Bis(2-chloroethyl)ether	4.7	U	35	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	38	U	350	38
621-64-7	N-Nitrosodi-n-propylamine	5.8	U	35	5.8
98-95-3	Nitrobenzene	4.9	U	35	4.9
67-72-1	Hexachloroethane	3.9	U	35	3.9
78-59-1	Isophorone	42	U	350	42
88-75-5	2-Nitrophenol	39	U	350	39
105-67-9	2,4-Dimethylphenol	86	U	350	86
120-83-2	2,4-Dichlorophenol	51	U	350	51
111-91-1	Bis(2-chloroethoxy)methane	45	U	350	45
91-20-3	Naphthalene	40	U	350	40
106-47-8	4-Chloroaniline	92	U	350	92
87-68-3	Hexachlorobutadiene	8.5	U	70	8.5
105-60-2	Caprolactam	80	U	350	80
59-50-7	4-Chloro-3-methylphenol	52	U	350	52
91-57-6	2-Methylnaphthalene	45	U	350	45
118-74-1	Hexachlorobenzene	4.8	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	41	U	350	41
88-06-2	2,4,6-Trichlorophenol	41	U	350	41
95-95-4	2,4,5-Trichlorophenol	45	U	350	45
92-52-4	Diphenyl	47	U	350	47
91-58-7	2-Chloronaphthalene	39	U	350	39
88-74-4	2-Nitroaniline	150	U	700	150
606-20-2	2,6-Dinitrotoluene	10	U	70	10
131-11-3	Dimethyl phthalate	41	U	350	41
208-96-8	Acenaphthylene	41	U	350	41
99-09-2	3-Nitroaniline	120	U	700	120
83-32-9	Acenaphthene	51	U	350	51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VS | Lab Sample ID: 460-62968-37

Matrix: Solid | Lab File ID: 112749.D

Analysis Method: 8270C | Date Collected: 09/12/2013 16:35

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.03(g) | Date Analyzed: 09/20/2013 16:33

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.: 182394 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	220	U	1100	220
51-28-5	2,4-Dinitrophenol	200	U	1100	200
132-64-9	Dibenzofuran	41	U	350	41
84-66-2	Diethyl phthalate	41	U	350	41
86-73-7	Fluorene	44	U	350	44
206-44-0	Fluoranthene	46	U	350	46
84-74-2	Di-n-butyl phthalate	43	U	350	43
121-14-2	2,4-Dinitrotoluene	11	U	70	11
7005-72-3	4-Chlorophenyl phenyl ether	41	U	350	41
100-01-6	4-Nitroaniline	110	U	700	110
534-52-1	4,6-Dinitro-2-methylphenol	95	U	1100	95
101-55-3	4-Bromophenyl phenyl ether	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	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VS | Lab Sample ID: 460-62968-37

Matrix: Solid | Lab File ID: 112749.D

Analysis Method: 8270C | Date Collected: 09/12/2013 16:35

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.03(g) | Date Analyzed: 09/20/2013 16:33

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.: 182394 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	56		38-105
4165-62-2	Phenol-d5	76		41-118
1718-51-0	Terphenyl-d14	89		16-151
118-79-6	2,4,6-Tribromophenol	75		10-120
367-12-4	2-Fluorophenol	74		37-125
321-60-8	2-Fluorobiphenyl	69		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VS | Lab Sample ID: 460-62968-37

Matrix: Solid | Lab File ID: 112749.D

Analysis Method: 8270C | Date Collected: 09/12/2013 16:35

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.03(g) | Date Analyzed: 09/20/2013 16:33

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.: 182394 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 760

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	13.21	760	J

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112749.D		
Lims ID:	460-62968-E-37-B	Client ID:	PMP-23SE-VS
Inject. Date:	20-Sep-2013 16:33:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004854-005		
Misc. Info.:	460-62968-E-37-B		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	182394	Lims Sample ID:	5
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\8270_12.m		
Last Update:	20-Sep-2013 17:04:42	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 17:04:42

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	95	1297544	73.7	
$ 6 Phenol-d5	99	2.805	2.811	-0.006	98	1821440	76.2	
* 13 1,4-Dichlorobenzene-d4	152	3.123	3.123	0.0	95	708708	40.0	
$ 25 Nitrobenzene-d5	82	3.717	3.723	-0.006	88	630981	28.1	
* 35 Naphthalene-d8	136	4.440	4.446	-0.006	100	2667280	40.0	
41 2-Methylnaphthalene	142	5.199	5.176	0.023	76	5546	0.1283	
$ 48 2-Fluorobiphenyl	172	5.564	5.564	0.0	97	1633135	34.3	
* 61 Acenaphthene-d10	164	6.193	6.199	-0.006	94	1409774	40.0	
$ 76 2,4,6-Tribromophenol	330	6.976	6.976	0.0	91	664110	75.0	
* 83 Phenanthrene-d10	188	7.634	7.634	0.0	99	2111455	40.0	
$ 91 Terphenyl-d14	244	9.211	9.211	0.0	99	1625181	44.4	
* 96 Chrysene-d12	240	10.199	10.199	0.0	99	1547228	40.0	
* 103 Perylene-d12	264	11.775	11.775	0.0	98	1355345	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112749.D		
Lims ID:	460-62968-E-37-B	Client ID:	PMP-23SE-VS
Inject. Date:	20-Sep-2013 16:33:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004854-005		
Misc. Info.:	460-62968-E-37-B		
Operator:	BNA 12	Instrument ID:	CBNAMS12
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	182394	Lims Sample ID:	5
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\8270_12.m		
Last Update:	20-Sep-2013 17:04:42	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 17:04:42

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Flags
		Unknown				
13.205	996957	10.8	103			

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 103 Perylene-d12	11.775	3686935	40.0

QC Flag Legend

Processing Flags

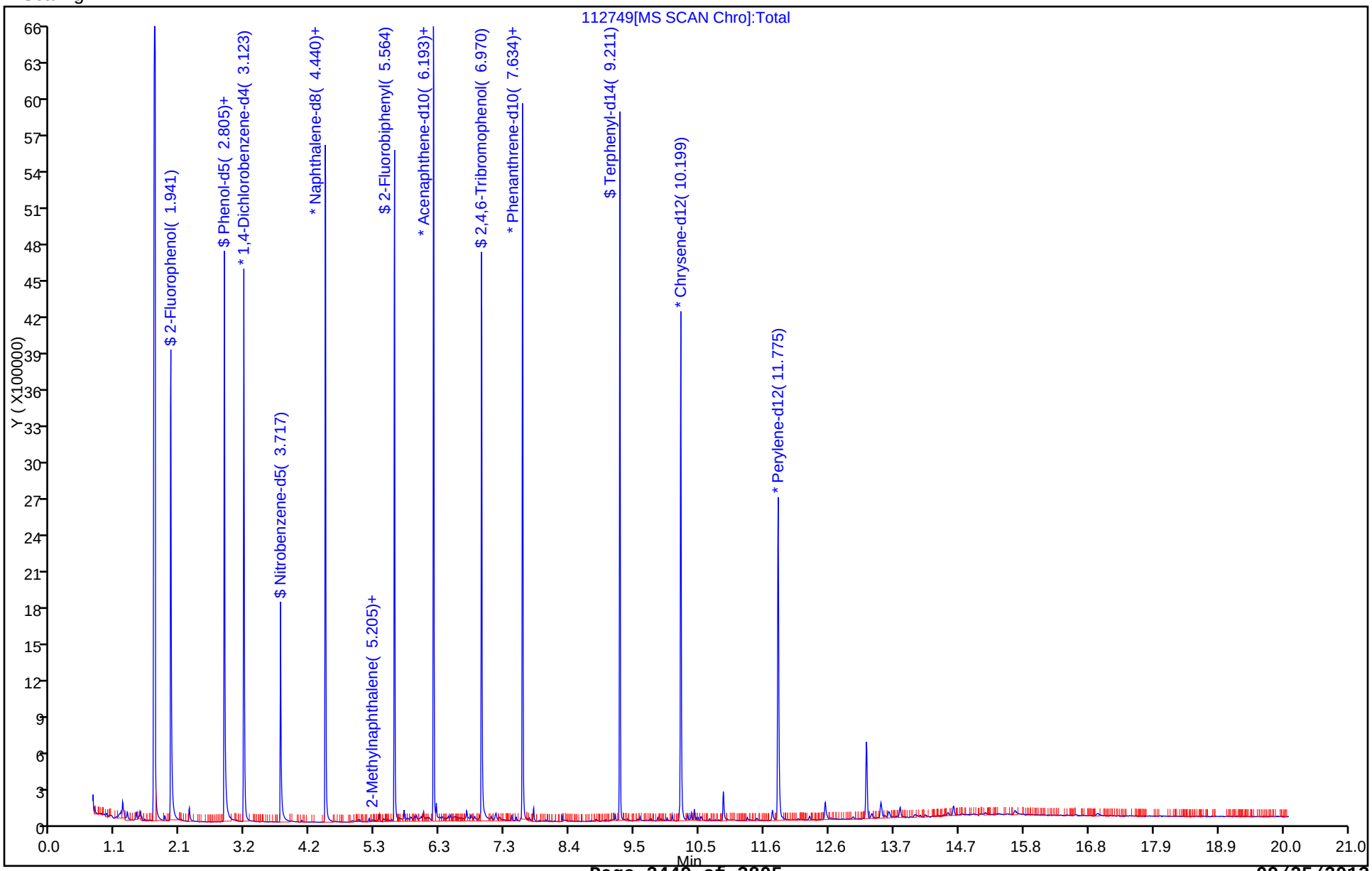
Report Date: 20-Sep-2013 17:04:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112749.D

Injection Date:	20-Sep-2013 16:33:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-23SE-VS	Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	5
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:

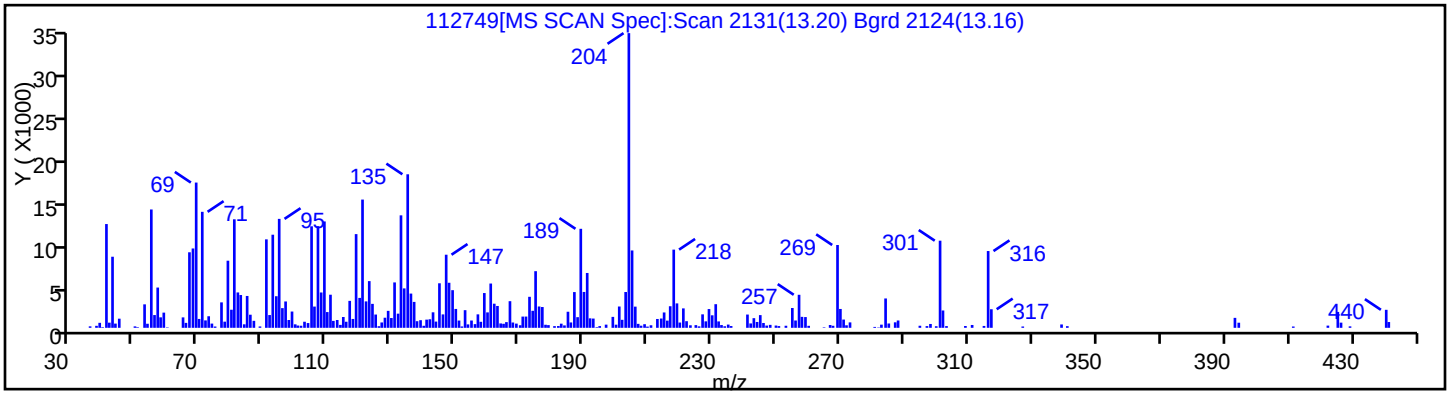


Report Date: 20-Sep-2013 17:04:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112749.D		
Injection Date:	20-Sep-2013 16:33:30	Limit Group:	SV 8270 ICAL
Client ID:	PMP-23SE-VS	Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	5
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VD | Lab Sample ID: 460-62968-38

Matrix: Solid | Lab File ID: z2348.d

Analysis Method: 8270C | Date Collected: 09/12/2013 16:40

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 20:57

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.: 182252 | 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VD | Lab Sample ID: 460-62968-38

Matrix: Solid | Lab File ID: z2348.d

Analysis Method: 8270C | Date Collected: 09/12/2013 16:40

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 20:57

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.: 182252 | 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	79	J	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VD | Lab Sample ID: 460-62968-38

Matrix: Solid | Lab File ID: z2348.d

Analysis Method: 8270C | Date Collected: 09/12/2013 16:40

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 20:57

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.: 182252 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	52		38-105
4165-62-2	Phenol-d5	67		41-118
1718-51-0	Terphenyl-d14	82		16-151
118-79-6	2,4,6-Tribromophenol	73		10-120
367-12-4	2-Fluorophenol	58		37-125
321-60-8	2-Fluorobiphenyl	55		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VD | Lab Sample ID: 460-62968-38

Matrix: Solid | Lab File ID: z2348.d

Analysis Method: 8270C | Date Collected: 09/12/2013 16:40

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.03(g) | Date Analyzed: 09/19/2013 20:57

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.: 182252 | 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/8270/09-19-13/19sep13a.b/z2348.d
Report Date: 20-Sep-2013 12:22

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-19-13/19sep13a.b/z2348.d
Lab Smp Id: 460-62968-E-38-B Client Smp ID: PMP-23SE-VD
Inj Date : 19-SEP-2013 20:57
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62968-E-38-B
Misc Info : 460-62968-E-38-B
Comment   :
Method   : /chem/BNAMS11.i/8270/09-19-13/19sep13a.b/8270C_11.m
Meth Date : 19-Sep-2013 15:54 croccom Quant Type: ISTD
Cal Date : 19-SEP-2013 03:37 Cal File: z2314.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	15.03000	Weight of sample extracted (g)
M	3.51852	% 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)	592621	58.0374	4000
$ 17 Phenol-d5 (SUR)	99	4.093	4.105	(0.917)	851237	66.6985	4600
* 79 1,4-Dichlorobenzene-d4	152	4.464	4.470	(1.000)	287921	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.011	5.029	(0.872)	318704	25.8931	1800
* 80 Naphthalene-d8	136	5.746	5.752	(1.000)	1057268	40.0000	
34 2-Methylnaphthalene	142	6.464	6.470	(1.125)	5300	0.30315	21(a)
120 1-Methylnaphthalene	142	6.564	6.570	(1.142)	3285	0.17995	12(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.829	6.840	(0.910)	523713	27.4698	1900
125 1,3-Dimethylnaphthalene	156	7.164	7.176	(0.955)	12101	0.86093	59(a)
* 82 Acenaphthene-d10	164	7.505	7.511	(1.000)	516054	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.287	8.293	(1.104)	134274	73.4330	5100
115 n-Octadecane	57	8.858	8.864	(0.988)	2085	0.14820	10(a)
* 83 Phenanthrene-d10	188	8.970	8.976	(1.000)	691586	40.0000	

Data File: /chem/BNAMS11.i/8270/09-19-13/19sep13a.b/z2348.d
Report Date: 20-Sep-2013 12:22

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
55 Di-n-butylphthalate	149	9.534	9.546	(1.063)	24722	1.14707	79(a)
$ 78 Terphenyl-d14	244	10.558	10.558	(0.897)	421249	41.2012	2800
* 81 Chrysene-d12	240	11.775	11.787	(1.000)	311971	40.0000	
* 84 Perylene-d12	264	13.734	13.740	(1.000)	237384	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: z2348.d

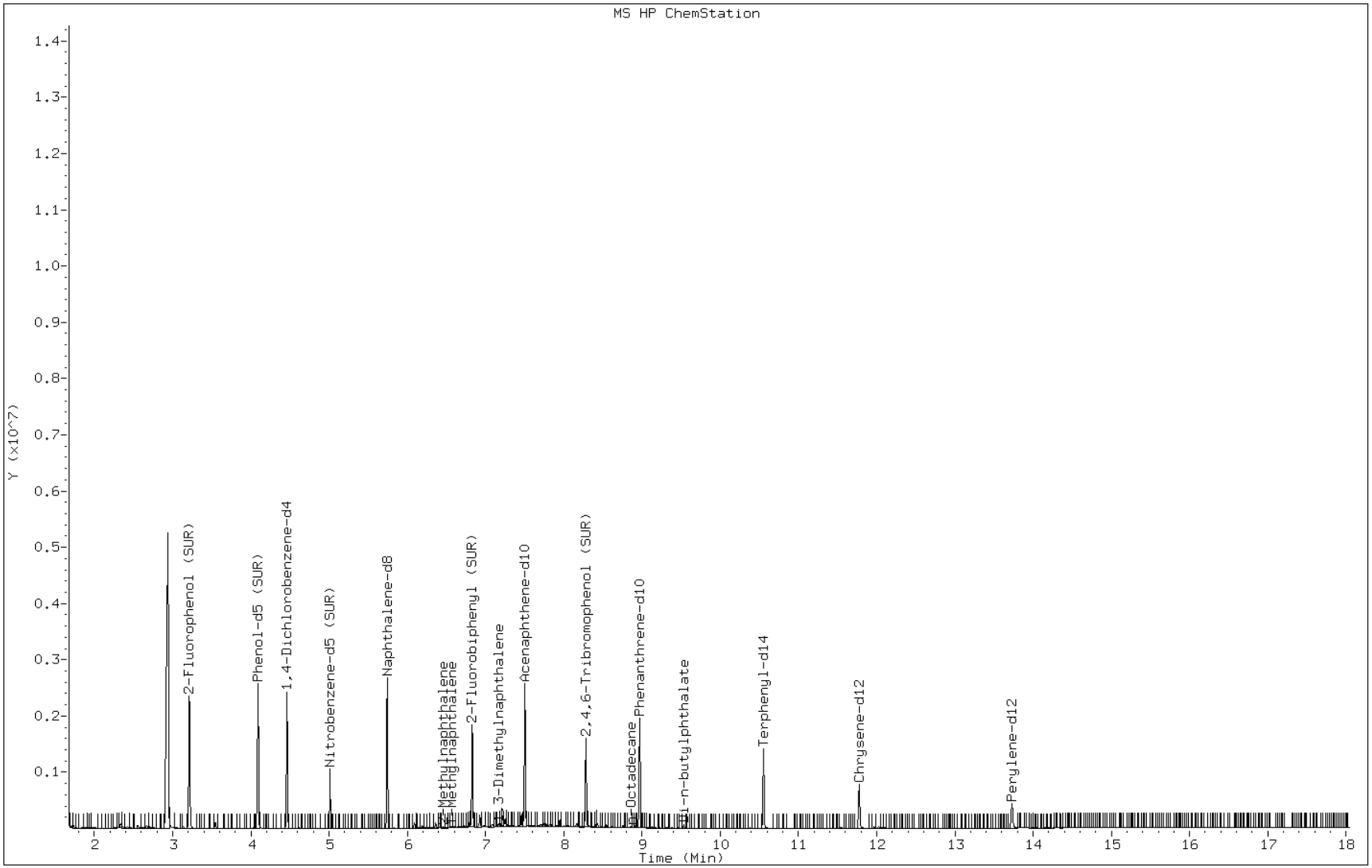
Date: 19-SEP-2013 20:57

Client ID: PMP-23SE-VD

Instrument: BNAMS11.i

Sample Info: 460-62968-E-38-B

Operator: BNAMS 4



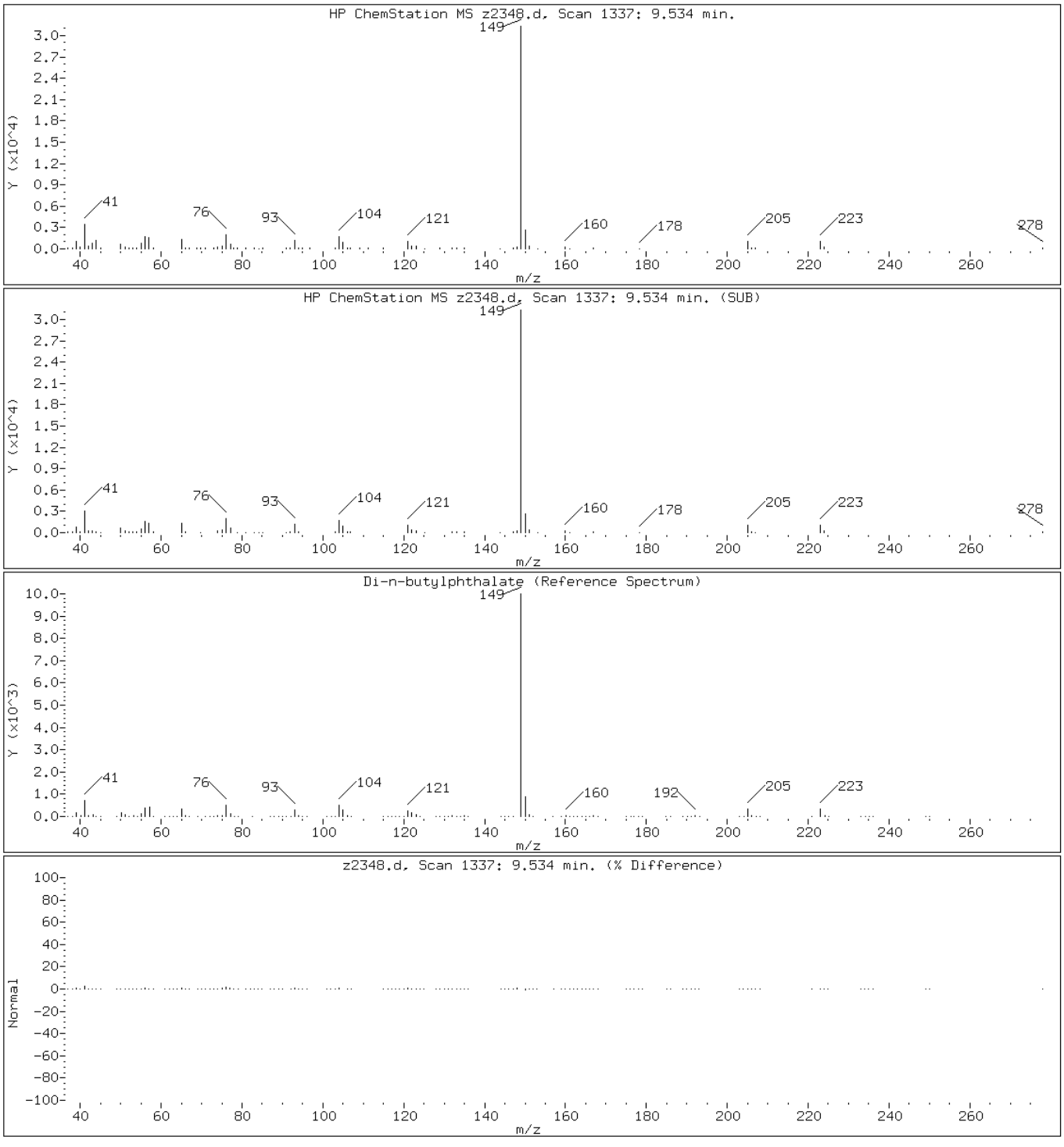
Data File: z2348.d

Date: 19-SEP-2013 20:57

Client ID: PMP-23SE-VD Instrument: BNAMS11.i

Sample Info: 460-62968-E-38-B Operator: BNAMS 4

55 Di-n-butylphthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-WT | Lab Sample ID: 460-62968-39

Matrix: Solid | Lab File ID: z2349.d

Analysis Method: 8270C | Date Collected: 09/12/2013 16:45

Extract. Method: 3541 | Date Extracted: 09/16/2013 10:23

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 21:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182252 | 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-WT | Lab Sample ID: 460-62968-39

Matrix: Solid | Lab File ID: z2349.d

Analysis Method: 8270C | Date Collected: 09/12/2013 16:45

Extract. Method: 3541 | Date Extracted: 09/16/2013 10:23

Sample wt/vol: 15.01(g) | Date Analyzed: 09/19/2013 21:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182252 | 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	190	J	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-WT Lab Sample ID: 460-62968-39

Matrix: Solid Lab File ID: z2349.d

Analysis Method: 8270C Date Collected: 09/12/2013 16:45

Extract. Method: 3541 Date Extracted: 09/16/2013 10:23

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 21:22

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182252 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	41		38-105
4165-62-2	Phenol-d5	59		41-118
1718-51-0	Terphenyl-d14	85		16-151
118-79-6	2,4,6-Tribromophenol	75		10-120
367-12-4	2-Fluorophenol	49		37-125
321-60-8	2-Fluorobiphenyl	45		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-WT Lab Sample ID: 460-62968-39

Matrix: Solid Lab File ID: z2349.d

Analysis Method: 8270C Date Collected: 09/12/2013 16:45

Extract. Method: 3541 Date Extracted: 09/16/2013 10:23

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 21:22

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182252 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/8270/09-19-13/19sep13a.b/z2349.d
Report Date: 20-Sep-2013 12:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-19-13/19sep13a.b/z2349.d
Lab Smp Id: 460-62968-E-39-B Client Smp ID: PMP-23SE-WT
Inj Date : 19-SEP-2013 21:22
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-62968-E-39-B
Misc Info : 460-62968-E-39-B
Comment   :
Method   : /chem/BNAMS11.i/8270/09-19-13/19sep13a.b/8270C_11.m
Meth Date : 19-Sep-2013 15:54 croccom Quant Type: ISTD
Cal Date : 19-SEP-2013 03:37 Cal File: z2314.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	4.59184	% 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)	497907	48.9648	3400
$ 17 Phenol-d5 (SUR)	99	4.094	4.105	(0.917)	753336	59.2733	4100
* 79 1,4-Dichlorobenzene-d4	152	4.464	4.470	(1.000)	286727	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.011	5.029	(0.872)	248748	20.6283	1400
* 80 Naphthalene-d8	136	5.746	5.752	(1.000)	1035804	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.829	6.840	(0.910)	411942	22.2755	1600
* 82 Acenaphthene-d10	164	7.505	7.511	(1.000)	500572	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.282	8.293	(1.103)	133845	75.4623	5300
* 83 Phenanthrene-d10	188	8.970	8.976	(1.000)	678069	40.0000	
55 Di-n-butylphthalate	149	9.534	9.546	(1.063)	57091	2.70177	190(a)
$ 78 Terphenyl-d14	244	10.558	10.558	(0.897)	408596	42.4739	3000
* 81 Chrysene-d12	240	11.775	11.787	(1.000)	293533	40.0000	
* 84 Perylene-d12	264	13.734	13.740	(1.000)	231345	40.0000	

Data File: /chem/BNAMS11.i/8270/09-19-13/19sep13a.b/z2349.d
Report Date: 20-Sep-2013 12:23

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: z2349.d

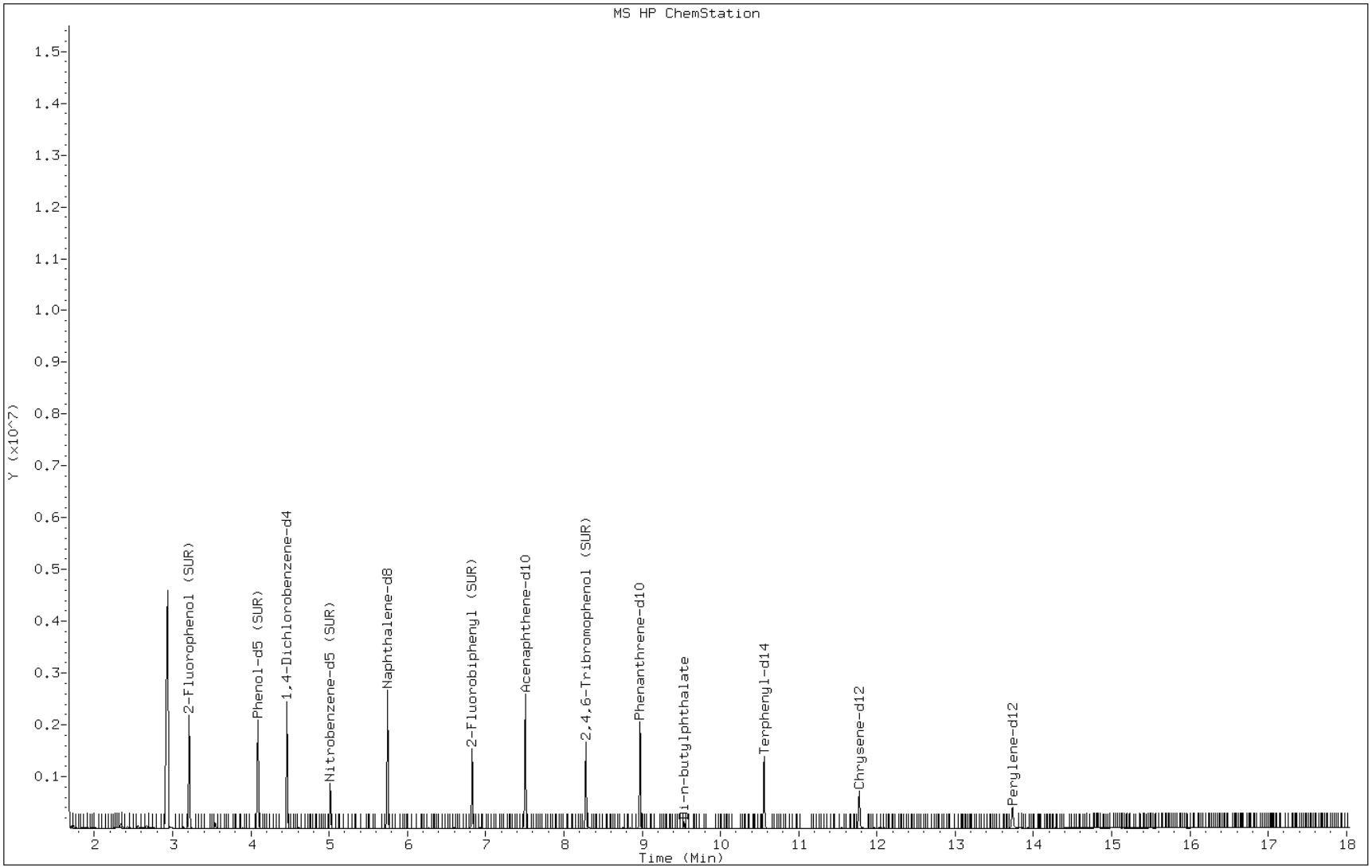
Date: 19-SEP-2013 21:22

Client ID: PMP-23SE-WT

Instrument: BNAMS11.i

Sample Info: 460-62968-E-39-B

Operator: BNAMS 4



Data File: z2349.d

Date: 19-SEP-2013 21:22

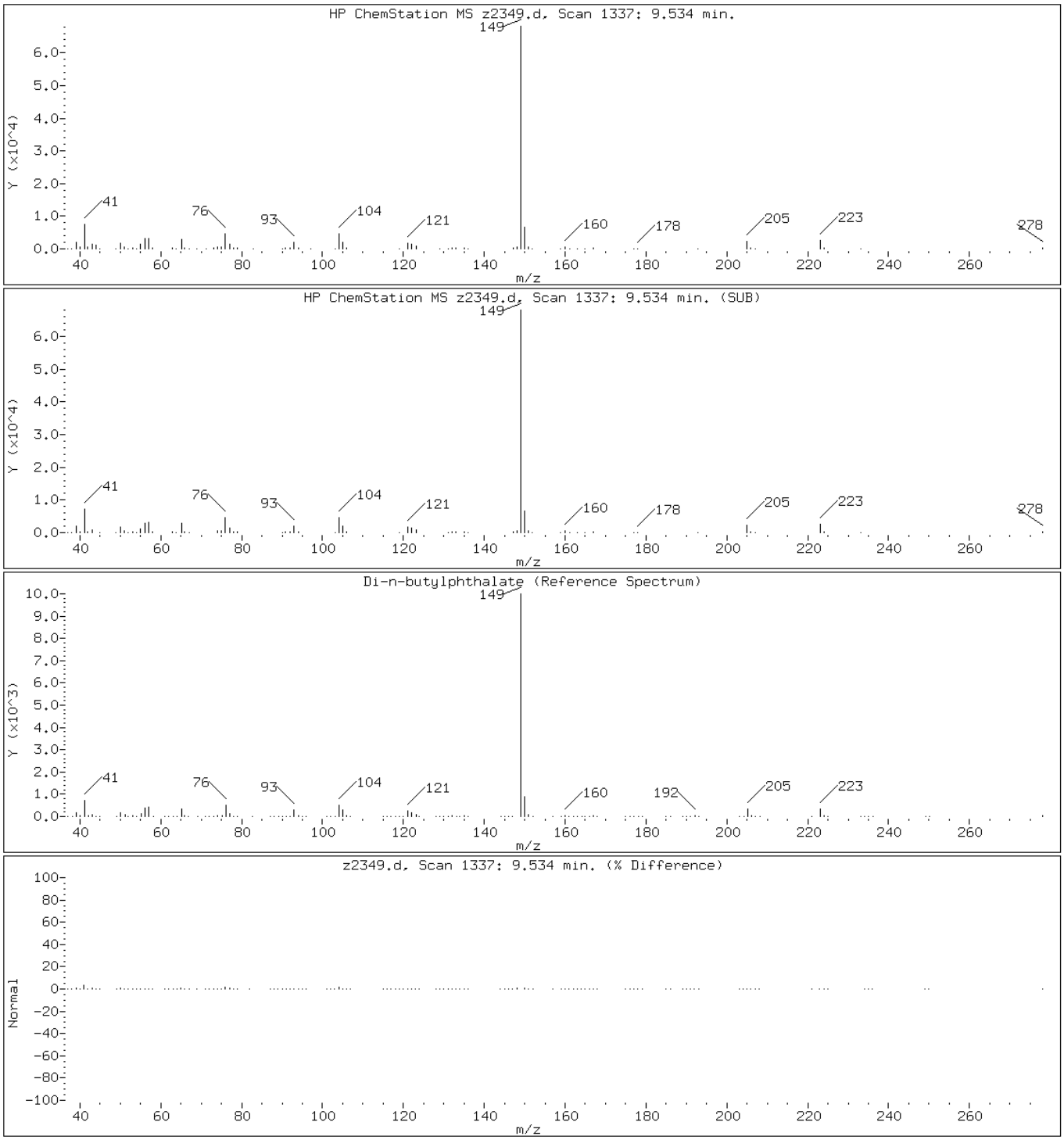
Client ID: PMP-23SE-WT

Instrument: BNAMS11.i

Sample Info: 460-62968-E-39-B

Operator: BNAMS 4

55 Di-n-butylphthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: FB-091213 | Lab Sample ID: 460-62968-40

Matrix: Water | Lab File ID: M69503.D

Analysis Method: 8270C | Date Collected: 09/12/2013 07:10

Extract. Method: 3510C | Date Extracted: 09/17/2013 03:27

Sample wt/vol: 250(mL) | Date Analyzed: 09/18/2013 05:07

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.: 460-62968-1

SDG No.:

Client Sample ID: FB-091213 | Lab Sample ID: 460-62968-40

Matrix: Water | Lab File ID: M69503.D

Analysis Method: 8270C | Date Collected: 09/12/2013 07:10

Extract. Method: 3510C | Date Extracted: 09/17/2013 03:27

Sample wt/vol: 250(mL) | Date Analyzed: 09/18/2013 05:07

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	J	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.: 460-62968-1

SDG No.:

Client Sample ID: FB-091213 | Lab Sample ID: 460-62968-40

Matrix: Water | Lab File ID: M69503.D

Analysis Method: 8270C | Date Collected: 09/12/2013 07:10

Extract. Method: 3510C | Date Extracted: 09/17/2013 03:27

Sample wt/vol: 250(mL) | Date Analyzed: 09/18/2013 05:07

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	111		51-126
367-12-4	2-Fluorophenol	52		15-96
4165-62-2	Phenol-d5	35		4-86
4165-60-0	Nitrobenzene-d5	85		60-114
321-60-8	2-Fluorobiphenyl	85		50-120
1718-51-0	Terphenyl-d14	110		72-130

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: FB-091213 | Lab Sample ID: 460-62968-40

Matrix: Water | Lab File ID: M69503.D

Analysis Method: 8270C | Date Collected: 09/12/2013 07:10

Extract. Method: 3510C | Date Extracted: 09/17/2013 03:27

Sample wt/vol: 250(mL) | Date Analyzed: 09/18/2013 05:07

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\M69503.D		
Lims ID:	460-62968-F-40-A	Client ID:	FB-091213
Inject. Date:	18-Sep-2013 05:07:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004746-007		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS6
Injection Vol:	5.0 ul	ALS Bottle#:	7
Lims Batch ID:	181879	Lims Sample ID:	7
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS6\20130918-4746.b\8270LVI_6.m		
Last Update:	20-Sep-2013 15:14:44	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 14:32:40

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.587	2.587	0.0	88	383283	5.16	
$ 6 Phenol-d5	99	3.466	3.486	-0.020	81	310980	3.45	
* 13 1,4-Dichlorobenzene-d4	152	3.801	3.808	-0.007	92	430390	8.00	
$ 25 Nitrobenzene-d5	82	4.369	4.384	-0.015	95	894164	8.52	
* 35 Naphthalene-d8	136	5.094	5.102	-0.008	97	1436763	8.00	
$ 48 2-Fluorobiphenyl	172	6.189	6.202	-0.013	96	1176988	8.50	
* 61 Acenaphthene-d10	164	6.843	6.851	-0.008	85	810927	8.00	
$ 76 2,4,6-Tribromophenol	330	7.625	7.630	-0.005	91	214105	11.1	
* 83 Phenanthrene-d10	188	8.296	8.303	-0.007	98	1181894	8.00	
87 Di-n-butyl phthalate	149	8.900	8.903	-0.003	93	24495	0.1249	
$ 91 Terphenyl-d14	244	9.868	9.871	-0.003	98	903461	11.0	
* 96 Chrysene-d12	240	10.932	10.937	-0.005	99	625083	8.00	
98 Bis(2-ethylhexyl) phthalate	149	10.999	11.004	-0.005	60	5627	0.0675	
* 103 Perylene-d12	264	12.688	12.700	-0.012	99	544350	8.00	

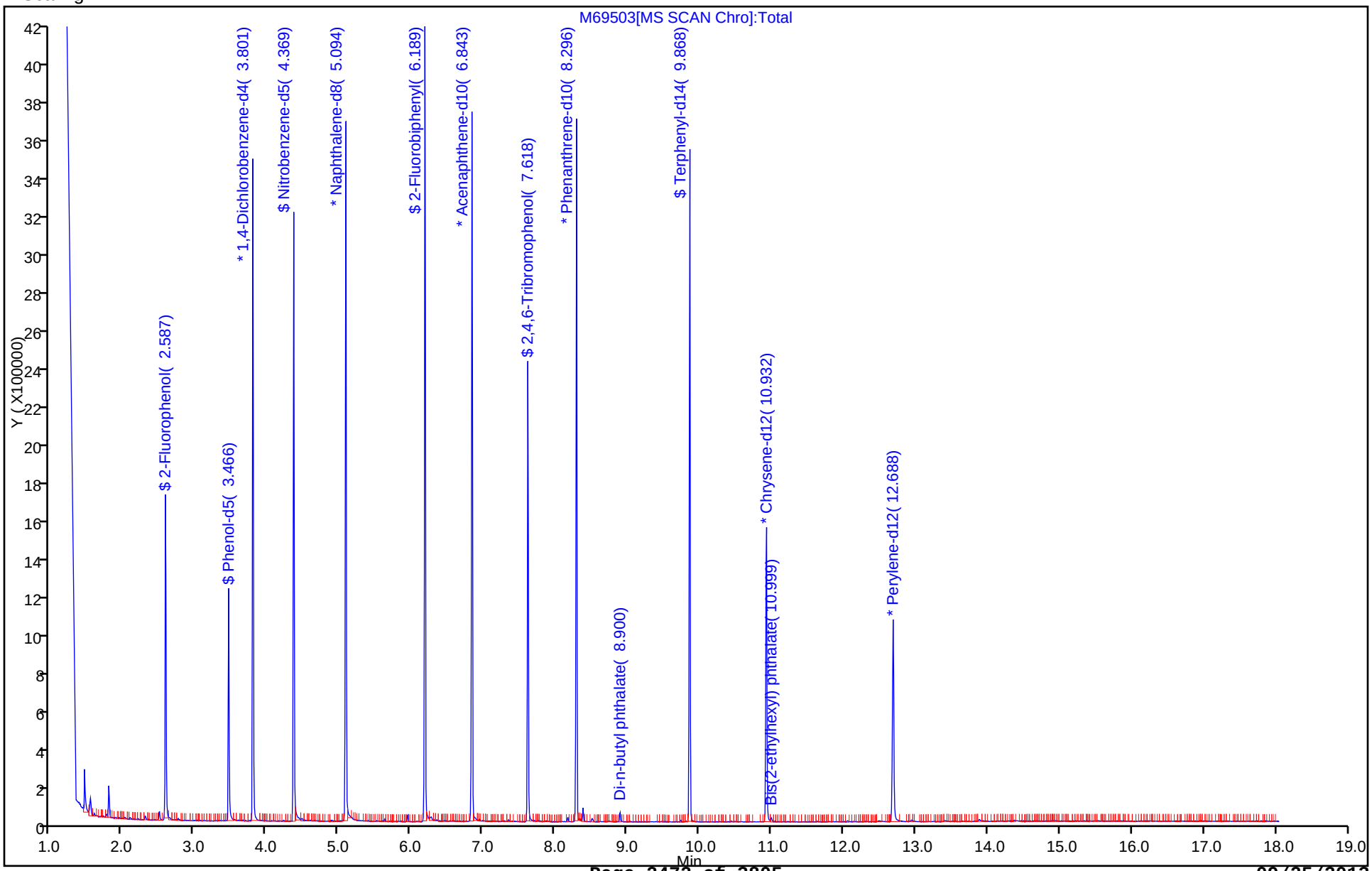
Report Date: 20-Sep-2013 15:21:11 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS6\20130918-4746.b\M69503.D

Injection Date:	18-Sep-2013 05:07:30	Limit Group:	SV 8270 ICAL
Client ID:	FB-091213	Instrument ID:	CBNAMS6
Lims Batch ID:	181879	Lims Sample ID:	7
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

Y Scaling:



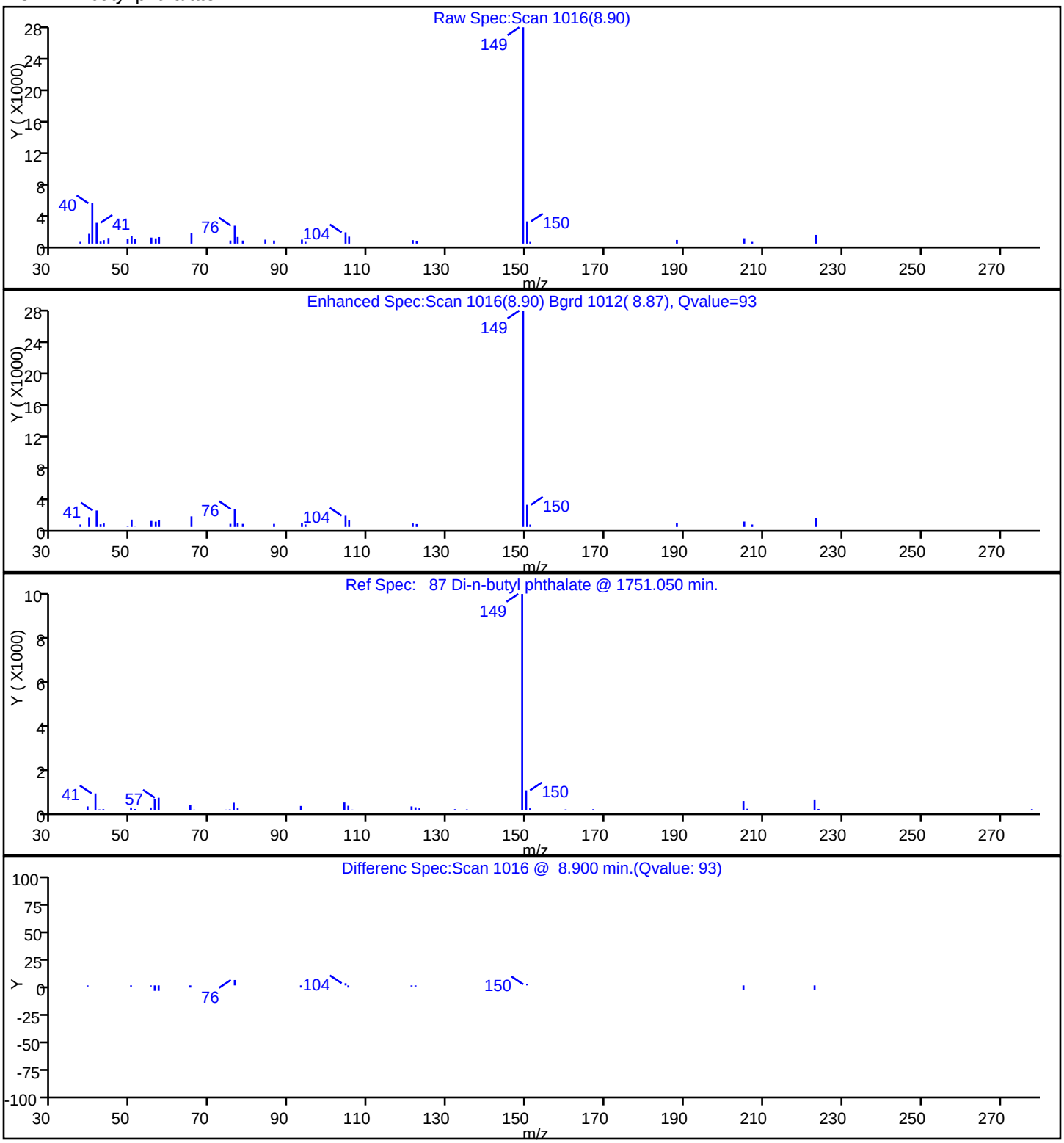
Report Date: 20-Sep-2013 15:21:11 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS6\20130918-4746.b\M69503.D

Injection Date:	18-Sep-2013 05:07:30	Limit Group:	SV 8270 ICAL
Client ID:	FB-091213	Instrument ID:	CBNAMS6
Lims Batch ID:	181879	Lims Sample ID:	7
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

87 Di-n-butyl phthalate



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180354

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2013 16:15 Calibration End Date: 09/06/2013 18:21 Calibration ID: 29161

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180354/7	z26655.d
Level 2	IC 460-180354/6	z26654.d
Level 3	IC 460-180354/5	z26653.d
Level 4	ICIS 460-180354/2	z26650.d
Level 5	IC 460-180354/4	z26652.d
Level 6	IC 460-180354/3	z26651.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	0.5838 0.6314	0.5737	0.5898	0.5506	0.6084	Ave		0.5896				4.7		15.0			
N-Nitrosodimethylamine	0.8212 0.8882	0.8742	0.9114	0.8780	0.8624	Ave		0.8726				3.4		15.0			
Pyridine	1.4722 1.5371	1.4504	1.5859	1.5205	1.4925	Ave		1.5098				3.2		15.0			
Benzaldehyde	0.9526 +++++	0.8817	0.8011	0.5495	0.2015	Ave		0.6773				45.2	*	15.0			
Aniline	1.9199 1.4757	1.7326	1.8293	1.7101	1.6330	Ave		1.7168				9.0		15.0			
Phenol	1.6366 1.6022	1.6707	1.8089	1.6353	1.6075	Ave		1.6602				4.6		15.0			
Bis(2-chloroethyl)ether	1.8842 1.5899	1.2893	1.4033	1.3775	1.3361	QuaF		0.8259	-0.041						0.9982		0.9900
2-Chlorophenol	1.3351 1.2899	1.3453	1.4284	1.3311	1.3330	Ave		1.3438				3.4		15.0			
Decane	1.4825 1.5487	1.4531	1.5263	1.5542	1.5377	Ave		1.5171				2.7		15.0			
1,3-Dichlorobenzene	1.5542 1.6409	1.5481	1.6432	1.6158	1.6295	Ave		1.6053				2.7		15.0			
1,4-Dichlorobenzene	1.5631 1.6394	1.5780	1.6837	1.6421	1.6689	Ave		1.6292				3.0		15.0			
1,2-Dichlorobenzene	1.4597 1.5119	1.4457	1.5443	1.5101	1.5032	Ave		1.4958				2.4		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.: 460-62968-1 Analy Batch No.: 180354

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2013 16:15 Calibration End Date: 09/06/2013 18:21 Calibration ID: 29161

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzyl alcohol	0.7369 0.7048	0.7487	0.7916	0.6959	0.7189	Ave		0.7328				4.8		15.0			
2,2'-oxybis[1-chloropropane]	1.5909 1.5657	1.5768	1.6982	1.6143	1.5737	Ave		1.6033				3.1		15.0			
2-Methylphenol	1.1034 1.0298	1.0912	1.1398	1.0597	1.0629	Ave		1.0811				3.6		15.0			
Acetophenone	1.5731 1.5821	1.5498	1.7579	1.6296	1.5963	Ave		1.6148				4.6		15.0			
N-Nitrosodi-n-propylamine	0.8495 0.7930	0.8477	0.9292	0.8744	0.8519	Ave		0.8576			0.0500	5.2		15.0			
Hexachloroethane	0.6240 0.6076	0.6179	0.6587	0.6452	0.6383	Ave		0.6320				3.0		15.0			
3 & 4 Methylphenol	1.0937 1.0631	1.0718	1.1715	1.0872	1.0725	Ave		1.0933				3.7		15.0			
4-Methylphenol	1.0852 1.0614	1.0864	1.1717	1.0855	1.0817	Ave		1.0953				3.5		15.0			
Nitrobenzene	0.5699 0.5393	0.5449	0.5803	0.5676	0.5670	Ave		0.5615				2.8		15.0			
n,n'-Dimethylaniline	1.7414 1.8275	1.7220	1.8754	1.8458	1.8863	Ave		1.8164				3.8		15.0			
Isophorone	0.5957 0.5854	0.5602	0.6057	0.5709	0.5895	Ave		0.5846				2.8		15.0			
2-Nitrophenol	0.1765 0.2142	0.1799	0.1991	0.1980	0.2077	Ave		0.1959				7.6		15.0			
2,4-Dimethylphenol	0.2894 0.3004	0.2858	0.3119	0.2921	0.3141	Ave		0.2990				4.0		15.0			
Bis(2-chloroethoxy)methane	0.3628 0.3957	0.3644	0.4004	0.3880	0.3921	Ave		0.3839				4.2		15.0			
2,4-Dichlorophenol	0.2676 0.2667	0.2583	0.2824	0.2693	0.2761	Ave		0.2701				3.1		15.0			
1,2,4-Trichlorobenzene	0.3348 0.3508	0.3280	0.3474	0.3454	0.3469	Ave		0.3422				2.6		15.0			
Benzoic acid	0.0967 0.1625	0.1219	0.1385	0.1426	0.1685	LinF		0.1618							0.9937		0.9900
Naphthalene	0.9998 1.0584	0.9863	1.0677	1.0475	1.0715	Ave		1.0385				3.5		15.0			
4-Chloroaniline	0.3585 0.3208	0.3383	0.3641	0.3423	0.3321	Ave		0.3427				4.7		15.0			
Hexachlorobutadiene	0.2096 0.2152	0.1996	0.2118	0.2102	0.2136	Ave		0.2100				2.6		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.: 460-62968-1 Analy Batch No.: 180354

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2013 16:15 Calibration End Date: 09/06/2013 18:21 Calibration ID: 29161

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	0.0636 0.0629	0.0644	0.0734	0.0743	0.0703	Ave		0.0681				7.5		15.0			
4-Chloro-3-methylphenol	0.2531 0.2400	0.2488	0.2636	0.2588	0.2619	Ave		0.2544				3.5		15.0			
2-Methylnaphthalene	0.5974 0.8055	0.5854	0.6568	0.6997	0.8577	LinF		0.8079							0.9910		0.9900
1-Methylnaphthalene	0.6122 0.6537	0.5882	0.6455	0.6552	0.6620	Ave		0.6362				4.6		15.0			
Hexachlorocyclopentadiene	0.3278 0.5069	0.2706	0.3393	0.3673	0.4482	QuaF		2.8476	-0.585		0.0500				0.9981		0.9900
1,2,4,5-Tetrachlorobenzene	0.6433 0.7795	0.6480	0.6945	0.7047	0.7146	Ave		0.6974				7.2		15.0			
2-tertbutyl-4-methylphenol	0.4246 0.4250	0.4097	0.4348	0.4324	0.4365	Ave		0.4272				2.3		15.0			
2,4,6-Trichlorophenol	0.3740 0.4530	0.3780	0.4059	0.4033	0.4319	Ave		0.4077				7.5		15.0			
2,4,5-Trichlorophenol	0.3769 0.4446	0.3953	0.4118	0.4088	0.4476	Ave		0.4142				6.7		15.0			
2-Chloronaphthalene	1.1548 1.2461	1.1947	1.2783	1.2458	1.2489	Ave		1.2281				3.7		15.0			
Diphenyl	1.4889 1.6270	1.4690	1.6706	1.6305	1.6683	Ave		1.5924				5.7		15.0			
Diphenyl ether	0.7980 0.9141	0.8038	0.8699	0.8466	0.8659	Ave		0.8497				5.2		15.0			
2-Nitroaniline	0.3527 0.3360	0.3533	0.3652	0.3529	0.3577	Ave		0.3530				2.7		15.0			
Dimethylnaphthalene, total	0.9625 1.1184	0.9413	1.0015	1.0288	1.0430	Ave		1.0159				6.2		15.0			
Coumarin	0.1652 0.1609	0.1612	0.1715	0.1758	0.1754	Ave		0.1683				4.1		15.0			
Dimethyl phthalate	1.1429 1.2005	1.1424	1.2117	1.1899	1.2106	Ave		1.1830				2.7		15.0			
Acenaphthylene	1.8182 1.9607	1.7435	1.8295	1.8012	1.9281	Ave		1.8469				4.4		15.0			
2,6-Dinitrotoluene	0.2411 0.2585	0.2612	0.2728	0.2656	0.2811	Ave		0.2634				5.2		15.0			
3-Nitroaniline	0.2667 0.2537	0.2679	0.2810	0.2802	0.2719	Ave		0.2702				3.7		15.0			
Acenaphthene	1.0347 1.1410	1.0289	1.1085	1.0843	1.1251	Ave		1.0871				4.3		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.: 460-62968-1 Analy Batch No.: 180354

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2013 16:15 Calibration End Date: 09/06/2013 18:21 Calibration ID: 29161

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	1.0514 1.2258	1.0714	1.1327	1.1590	1.1331	Ave		1.1289				5.6		15.0			
2,4-Dinitrophenol	0.0829 0.1604	0.0973	0.1183	0.1435	0.1498	QuaF		8.0162	-3.820		0.0500				0.9958		0.9900
Dibenzofuran	1.5055 1.5789	1.4744	1.5843	1.5423	1.5662	Ave		1.5419				2.8		15.0			
2,4-Dinitrotoluene	0.2929 0.3273	0.3204	0.3411	0.3362	0.3448	Ave		0.3271				5.8		15.0			
4-Nitrophenol	0.1617 0.1999	0.1721	0.1819	0.1981	0.2037	Ave		0.1862			0.0500	9.2		15.0			
2,3,4,6-Tetrachlorophenol	0.2832 0.3053	0.2843	0.2795	0.2906	0.2983	Ave		0.2902				3.4		15.0			
Diethyl phthalate	1.0976 1.1390	1.0818	1.1423	1.1436	1.1836	Ave		1.1313				3.2		15.0			
Fluorene	1.1730 1.2516	1.1816	1.2469	1.2442	1.2613	Ave		1.2265				3.1		15.0			
4-Chlorophenyl phenyl ether	0.5971 0.6610	0.6066	0.6247	0.6248	0.6579	Ave		0.6287				4.2		15.0			
4-Nitroaniline	0.2275 0.1627	0.2230	0.2289	0.2260	0.2060	Ave		0.2123				12.1		15.0			
4,6-Dinitro-2-methylphenol	0.1088 0.1443	0.1185	0.1326	0.1389	0.1468	Ave		0.1317				11.5		15.0			
N-Nitrosodiphenylamine	0.5464 0.6643	0.5485	0.5683	0.5827	0.6370	Ave		0.5912				8.2		15.0			
1,2-Diphenylhydrazine	0.8795 1.0370	0.8829	0.9760	0.9853	1.0188	Ave		0.9632				7.0		15.0			
4-Bromophenyl phenyl ether	0.2338 0.2817	0.2316	0.2544	0.2546	0.2671	Ave		0.2539				7.6		15.0			
Hexachlorobenzene	0.2666 0.2937	0.2471	0.2748	0.2658	0.2832	Ave		0.2719				5.9		15.0			
Atrazine	0.1925 0.2047	0.1694	0.1854	0.1865	0.1966	Ave		0.1892				6.3		15.0			
Pentachlorophenol	0.1348 0.1843	0.1390	0.1564	0.1620	0.1712	Ave		0.1579				12.0		15.0			
Pentachloronitrobenzene	0.1129 0.1109	0.1105	0.1153	0.1087	0.1162	Ave		0.1124				2.6		15.0			
Phenanthrene	1.0528 1.1545	1.0620	1.1489	1.1270	1.1934	Ave		1.1231				4.9		15.0			
n-Octadecane	0.4917 0.5698	0.5068	0.5630	0.5513	0.5511	Ave		0.5389				5.9		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.: 460-62968-1 Analy Batch No.: 180354

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2013 16:15 Calibration End Date: 09/06/2013 18:21 Calibration ID: 29161

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	1.0839 1.1361	1.0615	1.1426	1.1023	1.1440	Ave		1.1117				3.1		15.0			
Carbazole	0.8658 0.8194	0.8447	0.9138	0.8554	0.8470	Ave		0.8577				3.7		15.0			
Di-n-butyl phthalate	1.0902 1.1717	1.0813	1.1923	1.1863	1.1976	Ave		1.1532				4.6		15.0			
Fluoranthene	0.9953 0.9464	0.9794	1.0234	1.0093	1.0101	Ave		0.9940				2.8		15.0			
Benzidine	0.2554 +++++	0.2982	0.1701	0.0684	0.0087	Ave		0.1602				76.2	*	15.0			
Pyrene	1.5109 1.9252	1.5813	1.6942	1.6937	1.8503	Ave		1.7093				9.2		15.0			
Butyl benzyl phthalate	0.6443 0.7147	0.6348	0.6753	0.6773	0.7051	Ave		0.6753				4.7		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1542	+++++	Ave		0.1542						15.0			
Carbamazepine	0.3855 0.5142	0.4182	0.4520	0.4605	0.4783	Ave		0.4515				10.0		15.0			
Benzo[a]anthracene	1.5343 1.2714	1.1696	1.2367	1.2024	1.1874	Ave		1.2670				10.7		15.0			
3,3'-Dichlorobenzidine	0.4067 0.2365	0.3937	0.3531	0.2948	0.2469	QuaF		2.3812	2.7276						0.9930		0.9900
Chrysene	1.1729 1.1212	1.1510	1.2242	1.0708	1.0972	Ave		1.1395				4.8		15.0			
Bis(2-ethylhexyl) phthalate	0.8572 0.9660	0.8780	0.9142	0.9059	0.9370	Ave		0.9097				4.3		15.0			
Di-n-octyl phthalate	1.6988 1.8978	1.7436	1.9121	1.8513	1.9065	Ave		1.8350				5.0		15.0			
Benzo[b]fluoranthene	1.2642 1.2254	1.0998	1.2846	1.2371	1.2108	Ave		1.2203				5.3		15.0			
Benzo[k]fluoranthene	1.9479 1.4686	1.4596	1.4295	1.3073	1.3901	LinF		1.4319							0.9968		0.9900
Benzo[a]pyrene	1.1112 1.1073	0.9899	1.0428	1.0295	1.0751	Ave		1.0593				4.5		15.0			
Indeno[1,2,3-cd]pyrene	0.7145 0.9154	0.6751	0.7266	0.7866	0.7952	Ave		0.7689				11.0		15.0			
Dibenz(a,h)anthracene	0.8379 1.0232	0.7288	0.8138	0.8262	0.8888	Ave		0.8531				11.5		15.0			
Benzo[g,h,i]perylene	0.8215 1.0031	0.8318	0.8833	0.8972	0.9315	Ave		0.8947				7.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180354

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2013 16:15 Calibration End Date: 09/06/2013 18:21 Calibration ID: 29161

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	1.3246 1.2598	1.3153	1.3987	1.3063	1.2246	Ave		1.3049				4.6		15.0			
Phenol-d5	1.5767 1.6061	1.6075	1.6917	1.6116	1.5036	Ave		1.5995				3.8		15.0			
Nitrobenzene-d5	0.3910 0.4267	0.3874	0.4253	0.4100	0.4085	Ave		0.4082				4.1		15.0			
2-Fluorobiphenyl	1.3099 1.6510	1.3225	1.4157	1.4175	1.4715	Ave		1.4313				8.7		15.0			
2,4,6-Tribromophenol	0.1659 0.1979	0.1662	0.1706	0.1819	0.1890	Ave		0.1786				7.4		15.0			
Terphenyl-d14	1.0581 1.4582	1.0996	1.1700	1.2139	1.3134	Ave		1.2189				12.1		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.: 460-62968-1 Analy Batch No.: 180354

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2013 16:15 Calibration End Date: 09/06/2013 18:21 Calibration ID: 29161

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180354/7	z26655.d
Level 2	IC 460-180354/6	z26654.d
Level 3	IC 460-180354/5	z26653.d
Level 4	ICIS 460-180354/2	z26650.d
Level 5	IC 460-180354/4	z26652.d
Level 6	IC 460-180354/3	z26651.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	26122 709506	48173	95299	234687	387294	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	36744 998095	73413	147275	374273	549056	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	65874 1727424	121800	256264	648131	950159	5.00 120	10.0	20.0	50.0	80.0
Benzaldehyde	DCB	Ave	42625 +++++	74039	129455	234258	128253	5.00 +++++	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	85907 1658315	145498	295592	728972	1039617	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	73229 1800575	140296	292297	697063	1023360	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	QuaF	8431 1786700	108271	226753	587200	850608	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	59742 1449541	112970	230808	567425	848649	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	66336 1740384	122028	246638	662504	978912	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	69543 1844003	130005	265528	688761	1037354	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	69942 1842371	132514	272072	699969	1062473	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	65316 1699099	121400	249534	643693	957000	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	32975 792047	62872	127921	296662	457645	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.: 460-62968-1 Analy Batch No.: 180354

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2013 16:15 Calibration End Date: 09/06/2013 18:21 Calibration ID: 29161

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	71185 1759561	132411	274404	688117	1001848	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	49371 1157298	91630	184185	451709	676642	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	70391 1777963	130147	284060	694656	1016256	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	3801 891201	71183	150149	372729	542349	0.500 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	2792 682808	51887	106446	275043	406376	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	48937 1194660	90001	189308	463441	682801	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	48559 1192808	91233	189325	462719	688624	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	8654 1963240	155303	320313	804461	1171530	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	7792 2053745	144603	303037	786824	1200871	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	90468 2131396	159655	334335	809162	1218015	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	26799 779914	51281	109872	280648	429223	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	43954 1093542	81458	172160	413956	649109	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	55086 1440774	103855	220991	549957	810229	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	40643 970954	73609	155877	381624	570533	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	5084 1276982	93490	191754	489595	716864	0.500 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	LinF	14677 591616	34753	76466	202150	348123	5.00 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	151824 3853208	281092	589335	1484610	2214031	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	54444 1168068	96406	200964	485190	686241	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	6365 783437	56876	116886	297928	441298	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	9664 229009	18347	40508	105235	145260	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	38430 873937	70922	145490	366737	541187	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.: 460-62968-1 Analy Batch No.: 180354

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2013 16:15 Calibration End Date: 09/06/2013 18:21 Calibration ID: 29161

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	LinF	90715 2932485	166836	362547	991655	1772230	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	92966 2379958	167649	356307	928629	1367948	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	QuaF	22658 748865	34615	84812	231562	409659	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	44466 1151609	82882	173626	444212	653144	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	64478 1547242	116768	239984	612855	901845	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	25856 669221	48350	101470	254230	394773	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	26053 656810	50562	102933	257697	409105	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	79824 1840781	152813	319557	785325	1141482	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	102918 2403540	187899	417635	1027833	1524801	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	55159 1350342	102810	217470	533661	791443	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	48765 496413	45190	91285	222429	326899	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	66533 1652131	120402	250362	648492	953224	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	25083 585962	45931	94673	249187	362491	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	79004 1773475	146127	302920	750053	1106466	5.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	125685 2896554	223010	457365	1135399	1762257	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	3333 381820	33416	68199	167429	256928	1.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	36873 374742	34269	70241	176656	248503	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	71522 1685635	131613	277123	683481	1028270	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	72677 1810845	137047	283151	730592	1035650	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	17194 236891	24904	44343	90471	136905	15.0 120	20.0	30.0	50.0	80.0
Dibenzofuran	ANT	Ave	104069 2332468	188593	396065	972192	1431440	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.: 460-62968-1 Analy Batch No.: 180354

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2013 16:15 Calibration End Date: 09/06/2013 18:21 Calibration ID: 29161

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	4049 483451	40982	85265	211901	315108	1.00 120	10.0	20.0	50.0	80.0
4-Nitrophenol	ANT	Ave	33523 295243	44017	68223	124862	186196	15.0 120	20.0	30.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	19577 451072	36364	69882	183188	272672	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	75875 1682605	138382	285557	720903	1081731	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	81085 1848954	151144	311720	784323	1152794	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	41277 976532	77598	156178	393838	601269	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	31454 240374	28526	57217	142458	188261	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	31332 274292	42199	65573	121143	183742	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	52460 1262356	97645	187302	508242	797073	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	84441 1970612	157171	321658	859448	1274755	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	22446 535288	41227	83843	222064	334204	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	2560 558181	43986	90558	231864	354326	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	18481 388938	30153	61116	162649	245996	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	38836 350170	49476	77320	141332	214163	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	10843 210758	19667	37990	94842	145354	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	101081 2193779	189057	378656	983068	1493293	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	47209 1082730	90220	185538	480881	689601	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	104074 2158917	188968	376570	961513	1431422	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	83125 1557052	150368	301159	746093	1059852	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	104680 2226406	192501	392945	1034732	1498580	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	95564 1798313	174359	337284	880387	1263938	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.: 460-62968-1 Analy Batch No.: 180354

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2013 16:15 Calibration End Date: 09/06/2013 18:21 Calibration ID: 29161

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	24525 +++++	106172	84092	59652	10883	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	93038 1737331	171127	330357	853515	1244831	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	39676 644950	68699	131674	341313	474378	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	777	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Carbamazepine	CRY	Ave	23741 464021	45262	88138	232072	321763	5.00 120	10.0	20.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	9448 1147336	126575	241154	605896	798868	0.500 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	QuaF	50085 213379	85217	103284	148538	166108	10.0 120	20.0	30.0	50.0	80.0
Chrysene	CRY	Ave	72225 1011748	124555	238702	539604	738169	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	52785 871710	95018	178264	456482	630412	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	72159 1210641	130564	253607	632584	861974	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	5370 781730	82355	170382	422704	547442	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	LinF	8274 936878	109293	189603	446697	628501	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	4720 706395	74127	138307	351756	486049	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	3035 583953	50555	96378	268779	359505	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	Ave	3559 652717	54574	107941	282287	401822	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	34893 639915	62286	117158	306562	421144	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	59270 1415705	110453	226017	556830	779638	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	70550 1804888	134991	273361	686980	957210	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	59371 1553572	110411	234761	581133	844059	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	90548 2438932	169160	353907	893513	1344900	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	11467 292286	21261	42636	114648	172785	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.: 460-62968-1 Analy Batch No.: 180354

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2013 16:15 Calibration End Date: 09/06/2013 18:21 Calibration ID: 29161

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	65156 1315885	118995	228134	611708	883658	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 Analy Batch No.: 181966

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2013 11:17 Calibration End Date: 09/18/2013 13:18 Calibration ID: 29839

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181966/7	U90961.D
Level 2	IC 460-181966/6	U90960.D
Level 3	IC 460-181966/5	U90959.D
Level 4	ICIS 460-181966/2	U90956.D
Level 5	IC 460-181966/4	U90958.D
Level 6	IC 460-181966/3	U90957.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	0.4093 0.3608	0.3940	0.3762	0.3629	0.3735	Ave		0.3795				5.0		15.0			
N-Nitrosodimethylamine	0.7642 0.7837	0.7632	0.6866	0.7598	0.7127	Ave		0.7450				5.0		15.0			
Pyridine	1.2021 1.2369	1.2113	1.1665	1.1825	1.1847	Ave		1.1973				2.1		15.0			
Aniline	1.7633 1.2132	1.6566	1.5290	1.4551	1.4085	Ave		1.5043				13.0		15.0			
Phenol	1.6420 1.5476	1.5041	1.4533	1.4145	1.4269	Ave		1.4981				5.8		15.0			
Bis(2-chloroethyl)ether	1.3913 1.5325	1.0729	1.1161	1.1761	1.1259	Ave		1.2358				15.0		15.0			
2-Chlorophenol	1.3785 1.3974	1.2586	1.3393	1.3330	1.2865	Ave		1.3322				4.0		15.0			
Decane	1.6263 1.1464	1.3577	1.3603	1.3561	1.1699	Ave		1.3361				13.0		15.0			
1,3-Dichlorobenzene	1.3927 1.5976	1.4405	1.4751	1.5382	1.4386	Ave		1.4805				5.1		15.0			
1,4-Dichlorobenzene	1.4121 1.6761	1.4657	1.5142	1.5384	1.4851	Ave		1.5153				5.9		15.0			
Benzyl alcohol	0.7977 0.7909	0.8082	0.7873	0.8313	0.7975	Ave		0.8022				2.0		15.0			
1,2-Dichlorobenzene	1.4009 1.6301	1.3949	1.4696	1.4788	1.5372	Ave		1.4852				6.0		15.0			
2-Methylphenol	1.1369 1.1659	1.0800	1.0635	1.1212	1.0653	Ave		1.1055				3.8		15.0			
2,2'-oxybis[1-chloropropane]	1.9324 1.4900	1.8869	1.7706	1.6166	1.5143	Ave		1.7018				11.0		15.0			
N-Nitrosodi-n-propylamine	1.3016 1.1765	1.3436	1.3002	1.2261	1.1635	Ave		1.2519			0.0500	5.9		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.: 460-62968-1 Analy Batch No.: 181966

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2013 11:17 Calibration End Date: 09/18/2013 13:18 Calibration ID: 29839

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	1.1332 1.1193	1.1098	1.1188	1.0912	1.0912	Ave		1.1106				1.5		15.0			
4-Methylphenol	1.1332 1.1162	1.1126	1.1137	1.0891	1.0733	Ave		1.1063				1.9		15.0			
Hexachloroethane	0.7122 0.7908	0.8731	0.8384	0.8870	0.7774	Ave		0.8131				8.1		15.0			
Nitrobenzene	0.8041 0.7603	0.7613	0.7870	0.7836	0.7762	Ave		0.7787				2.1		15.0			
n,n'-Dimethylaniline	1.8497 1.9462	1.7515	1.8604	1.8984	1.8411	Ave		1.8579				3.5		15.0			
Isophorone	0.9189 0.7751	0.8594	0.8574	0.8155	0.8387	Ave		0.8442				5.7		15.0			
2-Nitrophenol	0.1962 0.2130	0.2028	0.2088	0.1992	0.2137	Ave		0.2056				3.6		15.0			
2,4-Dimethylphenol	0.2895 0.3051	0.2903	0.2852	0.3049	0.3125	Ave		0.2979				3.7		15.0			
Bis(2-chloroethoxy)methane	0.3607 0.3506	0.3663	0.3789	0.3507	0.3614	Ave		0.3614				2.9		15.0			
Benzoic acid	0.1471 0.2129	0.1677	0.1927	0.1996	0.2008	Ave		0.1868				13.0		15.0			
2,4-Dichlorophenol	0.2818 0.3434	0.2906	0.2904	0.3144	0.3390	Ave		0.3099				8.6		15.0			
1,2,4-Trichlorobenzene	0.2982 0.4467	0.3532	0.3726	0.3908	0.4238	Ave		0.3809				14.0		15.0			
Naphthalene	0.8877 1.0943	1.0019	0.9544	0.9754	1.0745	Ave		0.9980				7.7		15.0			
4-Chloroaniline	0.4123 0.4043	0.4213	0.3943	0.3895	0.4055	Ave		0.4046				2.9		15.0			
Hexachlorobutadiene	0.3476 0.3983	0.3543	0.3705	0.4000	0.4061	Ave		0.3795				6.7		15.0			
4-Chloro-3-methylphenol	0.3814 0.3643	0.3758	0.3694	0.3697	0.3812	Ave		0.3737				1.9		15.0			
2-Methylnaphthalene	0.5848 0.6482	0.5995	0.5862	0.6140	0.6362	Ave		0.6115				4.3		15.0			
1-Methylnaphthalene	0.6174 0.6659	0.6512	0.6220	0.6396	0.7261	Ave		0.6537				6.1		15.0			
Hexachlorocyclopentadiene	0.4438 0.6525	0.4266	0.5015	0.6327	0.6050	Lin1	-1.585	0.6469			0.0500				0.9960		0.9900
1,2,4,5-Tetrachlorobenzene	0.9936 1.1736	0.9329	1.0422	1.1452	1.1003	Ave		1.0646				8.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 181966

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2013 11:17 Calibration End Date: 09/18/2013 13:18 Calibration ID: 29839

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	0.5505 0.5611	0.5378	0.5399	0.5268	0.5709	Ave		0.5478				3.0		15.0			
2,4,6-Trichlorophenol	0.4740 0.5840	0.4852	0.4745	0.5403	0.5645	Ave		0.5204				9.4		15.0			
2,4,5-Trichlorophenol	0.4840 0.5767	0.5055	0.4911	0.5629	0.5609	Ave		0.5302				7.8		15.0			
2-Chloronaphthalene	1.0805 1.3940	1.1240	1.1629	1.2637	1.3213	Ave		1.2244				10.0		15.0			
Diphenyl ether	0.7477 0.9965	0.7816	0.8355	0.9165	0.9398	Ave		0.8696				11.0		15.0			
2-Nitroaniline	0.5074 0.4411	0.5508	0.5243	0.4995	0.4583	Ave		0.4969				8.2		15.0			
Dimethylnaphthalene, total	0.8356 0.9758	0.8616	0.7637	0.9306	0.9740	Ave		0.8902				9.5		15.0			
Dimethyl phthalate	1.4370 1.4705	1.3979	1.3809	1.3866	1.4710	Ave		1.4240				2.9		15.0			
Coumarin	0.2475 0.2043	0.2056	0.2254	0.2004	0.2096	Ave		0.2155				8.3		15.0			
2,6-Dinitrotoluene	0.2466 0.3084	0.2977	0.2851	0.3105	0.3011	Ave		0.2916				8.2		15.0			
Acenaphthylene	1.7140 1.8698	1.6495	1.6698	1.7299	1.7985	Ave		1.7386				4.8		15.0			
3-Nitroaniline	0.3170 0.3010	0.2923	0.2944	0.2850	0.2911	Ave		0.2968				3.8		15.0			
3,5-di-tert-butyl-4-hydroxytol	1.4480 1.5928	1.3693	1.4084	1.6547	1.6274	Ave		1.5168				8.1		15.0			
Acenaphthene	0.9514 1.4319	0.9725	1.0238	1.2797	1.3200	Lin1	-3.570	1.3958							0.9950		0.9900
2,4-Dinitrophenol	0.1781 0.2549	0.1632	0.1815	0.1934	0.2272	Qua	-0.159	0.1630	0.0008		0.0500				1.0000		0.9900
4-Nitrophenol	0.2988 0.3592	0.2994	0.3035	0.3202	0.3375	Ave		0.3198			0.0500	7.6		15.0			
Dibenzofuran	1.5872 1.9255	1.5462	1.5912	1.7755	1.7385	Ave		1.6940				8.6		15.0			
2,4-Dinitrotoluene	0.4591 0.4651	0.3999	0.3955	0.4506	0.4299	Ave		0.4333				6.9		15.0			
2,3,4,6-Tetrachlorophenol	0.4950 0.4974	0.5135	0.4923	0.5398	0.5287	Ave		0.5111				3.9		15.0			
Diethyl phthalate	1.5437 1.5531	1.5373	1.4971	1.5327	1.4751	Ave		1.5232				2.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 181966

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2013 11:17 Calibration End Date: 09/18/2013 13:18 Calibration ID: 29839

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Chlorophenyl phenyl ether	0.7598 1.0217	0.8707	0.8321	0.9723	0.9968	Ave		0.9089				11.0		15.0			
Fluorene	1.1570 1.6088	1.1618	1.1916	1.4182	1.4839	Ave		1.3369				14.0		15.0			
4-Nitroaniline	0.2840 0.2660	0.2572	0.2565	0.2570	0.2378	Ave		0.2598				5.8		15.0			
4,6-Dinitro-2-methylphenol	0.1427 0.2115	0.1482	0.1597	0.1717	0.1795	Ave		0.1689				15.0		15.0			
N-Nitrosodiphenylamine	0.5016 0.6078	0.4793	0.4587	0.5158	0.5530	Ave		0.5194				10.0		15.0			
1,2-Diphenylhydrazine	0.9684 1.1155	1.0018	1.0519	0.9893	1.0074	Ave		1.0224				5.2		15.0			
4-Bromophenyl phenyl ether	0.2679 0.4079	0.3149	0.3522	0.3567	0.3678	Ave		0.3446				14.0		15.0			
Hexachlorobenzene	0.3625 0.4322	0.3563	0.3737	0.4009	0.3860	Ave		0.3853				7.3		15.0			
Pentachlorophenol	0.1978 0.2781	0.1966	0.2238	0.2340	0.2492	Ave		0.2299				14.0		15.0			
Pentachloronitrobenzene	0.1896 0.1900	0.1776	0.1840	0.1859	0.1912	Ave		0.1864				2.7		15.0			
n-Octadecane	0.4206 0.4336	0.4484	0.4298	0.4585	0.4400	Ave		0.4385				3.1		15.0			
Phenanthrene	0.8924 1.1712	0.9442	0.9833	1.0476	1.0916	Ave		1.0217				10.0		15.0			
Anthracene	0.9133 1.2353	0.9590	1.0470	1.0602	1.1020	Ave		1.0528				11.0		15.0			
Carbazole	0.8068 1.0084	0.8025	0.8608	0.8307	0.8399	Ave		0.8582				8.9		15.0			
Di-n-butyl phthalate	1.2825 1.4844	1.2311	1.2307	1.2688	1.3559	Ave		1.3089				7.4		15.0			
Fluoranthene	1.1516 1.3844	1.0984	1.1605	1.2060	1.1505	Ave		1.1919				8.4		15.0			
Benzidine	0.3755 0.3686	0.4014	0.3576	0.2387	0.3003	Ave		0.3403				18.0	*	15.0			
Pyrene	1.2018 1.2763	1.3934	1.3552	1.2889	1.3682	Ave		1.3140				5.4		15.0			
Butyl benzyl phthalate	0.5412 0.5204	0.5380	0.5264	0.5593	0.5332	Ave		0.5364				2.5		15.0			
2,3,7,8-TCDD (Screen)				0.1960		Ave		0.1960						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.: 460-62968-1 Analy Batch No.: 181966

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2013 11:17 Calibration End Date: 09/18/2013 13:18 Calibration ID: 29839

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								
Carbamazepine	0.3589 0.4507	0.3537	0.3832	0.3916	0.4045	Ave		0.3905				9.0		15.0			
3,3'-Dichlorobenzidine	0.3814 0.4811	0.3738	0.4082	0.4043	0.4126	Ave		0.4102				9.3		15.0			
Benzo[a]anthracene	1.1224 1.2225	1.1188	1.1364	1.1103	1.0887	Ave		1.1332				4.1		15.0			
Chrysene	0.9985 1.1483	0.9791	1.0237	1.0809	1.0907	Ave		1.0535				6.1		15.0			
Bis(2-ethylhexyl) phthalate	0.6595 0.7280	0.6871	0.7115	0.7148	0.7326	Ave		0.7056				3.9		15.0			
Di-n-octyl phthalate	1.3469 1.3591	1.3540	1.3414	1.4105	1.3814	Ave		1.3656				1.9		15.0			
Benzo[b]fluoranthene	1.0471 1.3420	1.1334	1.0794	1.0443	1.1902	Ave		1.1394				10.0		15.0			
Benzo[k]fluoranthene	1.1056 1.2554	1.2033	1.1823	1.1140	1.1508	Ave		1.1686				4.9		15.0			
Benzo[a]pyrene	0.8593 1.1085	0.9787	1.0073	0.9937	0.9912	Ave		0.9898				8.0		15.0			
Indeno[1,2,3-cd]pyrene	0.8978 1.1749	1.0518	1.1602	1.0508	1.2395	Ave		1.0958				11.0		15.0			
Dibenz(a,h)anthracene	0.8797 1.1318	1.0268	1.1229	1.0185	1.2184	Ave		1.0663				11.0		15.0			
Benzo[g,h,i]perylene	0.8689 1.1093	1.0141	1.1559	1.0288	1.2440	Ave		1.0702				12.0		15.0			
2-Fluorophenol	1.0800 1.1949	1.0482	1.0622	1.2047	1.1453	Ave		1.1225				6.1		15.0			
Phenol-d5	1.3838 1.3833	1.3380	1.2799	1.3215	1.3111	Ave		1.3363				3.1		15.0			
Nitrobenzene-d5	0.6128 0.5735	0.5820	0.5664	0.5854	0.5747	Ave		0.5825				2.8		15.0			
2-Fluorobiphenyl	1.2477 1.6768	1.2651	1.2086	1.5385	1.5429	Ave		1.4133				14.0		15.0			
2,4,6-Tribromophenol	0.3667 0.3960	0.3370	0.3416	0.4046	0.3847	Ave		0.3718				7.6		15.0			
Terphenyl-d14	0.9346 0.9848	1.0674	1.0797	1.0889	1.0681	Ave		1.0373				6.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 181966

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2013 11:17 Calibration End Date: 09/18/2013 13:18 Calibration ID: 29839

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181966/7	U90961.D
Level 2	IC 460-181966/6	U90960.D
Level 3	IC 460-181966/5	U90959.D
Level 4	ICIS 460-181966/2	U90956.D
Level 5	IC 460-181966/4	U90958.D
Level 6	IC 460-181966/3	U90957.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	14967 346678	29352	55353	130147	223145	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	27940 753032	56847	101024	272474	425828	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	43953 1188510	90225	171621	424051	707874	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	64471 1165811	123399	224954	521790	841606	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	60036 1487128	112037	213821	507230	852622	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	5087 1472625	79920	164208	421750	672742	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	50401 1342754	93749	197041	478011	768737	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	59462 1101594	101132	200134	486286	699034	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	50922 1535113	107303	217034	551608	859579	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	51630 1610605	109178	222776	551654	887381	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	29168 759955	60200	115838	298116	476528	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	51220 1566354	103904	216213	530275	918517	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	41568 1120309	80444	156475	402071	636552	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	70655 1431710	140552	260499	579713	904825	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	4759 1130523	100085	191296	439665	695228	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	41433 1075531	82669	164605	391308	652039	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.: 460-62968-1 Analy Batch No.: 181966

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2013 11:17 Calibration End Date: 09/18/2013 13:18 Calibration ID: 29839

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	41433 1072587	82873	163851	390532	641294	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	2604 759892	65037	123347	318066	464524	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	11385 2488268	208399	424076	1012609	1516083	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	6763 1870107	130470	273715	680743	1100090	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	130109 2536924	235268	462043	1053785	1638229	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	27776 697111	55527	112542	257359	417300	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	40991 998529	79473	153675	393959	610408	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	51080 1147495	100264	204157	453151	705889	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	Ave	20835 696863	45913	103837	257916	392187	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	39899 1123761	79552	156505	406252	662205	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	4222 1461813	96689	200771	505057	827773	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	125690 3581575	274270	514290	1260479	2098686	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	58383 1323337	115325	212501	503325	792055	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	9844 1303588	96990	199656	516914	793208	1.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	54010 1192132	102879	199085	477771	744605	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	82803 2121318	164105	315917	793440	1242695	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	87418 2179384	178268	335192	826543	1418234	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Lin1	36897 1092606	67676	154658	429425	648723	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	82615 1965061	148007	321436	777265	1179787	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	77949 1836531	147232	290947	680708	1115051	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	39413 977839	76975	146335	366691	605273	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.: 460-62968-1 Analy Batch No.: 181966

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2013 11:17 Calibration End Date: 09/18/2013 13:18 Calibration ID: 29839

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	40243 965616	80193	151476	382034	601407	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	89837 2334024	178329	358661	857702	1416676	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	62170 1668497	124000	257692	622072	1007635	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	84381 738577	87384	161688	339013	491397	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	69479 1633772	136686	235536	631641	1044295	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	119481 2462132	221773	425902	941115	1577210	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	35051 668753	56286	121481	258938	409479	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	4100 516450	47237	87916	210770	322884	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	142517 3130658	261685	514996	1174111	1928383	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	52723 504060	46379	90784	193447	312075	10.0 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	120394 2666858	217243	434367	1123104	1744870	5.00 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Lin1	79104 2397578	154282	315765	868567	1415263	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	Qua	44433 426829	51797	83947	131291	243554	15.0 120	20.0	30.0	50.0	80.0
4-Nitrophenol	ANT	Ave	74522 601468	94988	140428	217301	361860	15.0 120	20.0	30.0	50.0	80.0
Dibenzofuran	ANT	Ave	131973 3223955	245307	490756	1205053	1864048	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	7634 778680	63445	121973	305850	460922	1.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	41161 832798	81466	151833	366360	566912	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	128352 2600540	243899	461725	1040306	1581599	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	63175 1710700	138143	256643	659906	1068822	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	96202 2693749	184325	367500	962593	1591070	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	47229 445326	40806	79123	174435	254987	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.: 460-62968-1 Analy Batch No.: 181966

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2013 11:17 Calibration End Date: 09/18/2013 13:18 Calibration ID: 29839

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	Ave	67288 538141	79980	119966	197854	307166	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	78865 1546286	129337	229684	594410	946379	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	152252 2837929	270312	526705	1140121	1724212	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	42122 1037761	84979	176339	411106	629526	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	5699 1099448	96126	187129	462053	660559	0.500 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	93318 707459	106096	168080	269642	426574	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	29810 483391	47924	92153	214224	327159	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	66121 1103220	120992	215221	528395	753109	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	140310 2979639	254758	492351	1207345	1868216	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	143590 3142644	258770	524265	1221840	1886054	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	126851 2565454	216533	431024	957361	1437397	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	201634 3776464	332173	616270	1462224	2320636	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	181057 3522003	296375	581082	1389820	1969009	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	59031 937807	216621	268582	275063	513992	5.00 120	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	193213 3775890	324392	576676	1330930	2178739	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	87017 1539760	125262	223977	577520	849053	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave				2024					0.500	
Carbamazepine	CRY	Ave	57705 1333540	82351	163072	404356	644206	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	122622 1423454	174027	260573	417443	656989	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	18045 3616990	260466	483568	1146486	1733693	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	160531 3397390	227940	435608	1116084	1736934	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.: 460-62968-1 Analy Batch No.: 181966

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2013 11:17 Calibration End Date: 09/18/2013 13:18 Calibration ID: 29839

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	106024 2153961	159962	302761	738118	1166644	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	176363 3406751	245905	469317	1143061	1738552	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	13710 3364071	205848	377680	846229	1497938	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	14477 3146999	218539	413672	902747	1448301	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	11252 2778558	177749	352436	805294	1247420	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	11756 2944992	191019	405947	851534	1559912	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	Ave	11519 2837016	186479	392894	825330	1533349	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	113774 2780540	184171	404441	833746	1565570	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	39490 1148140	78077	156278	431990	684347	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	50598 1329257	99665	188315	473890	783416	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	86763 1876903	159308	305245	756483	1122492	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	103739 2807596	200713	372735	1044228	1654345	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	30490 663087	53470	105367	274640	412456	5.00 120	10.0	20.0	50.0	80.0
Terphenyl-d14	CRY	Ave	150258 2913631	248502	459445	1124434	1700816	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 181966

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2013 13:40 Calibration End Date: 09/18/2013 15:35 Calibration ID: 29843

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181966/13	U90967.D
Level 2	IC 460-181966/12	U90966.D
Level 3	IC 460-181966/11	U90965.D
Level 4	IC 460-181966/8	U90962.D
Level 5	IC 460-181966/10	U90964.D
Level 6	IC 460-181966/9	U90963.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	1.5158 1.4250	1.3839	1.6016	1.3746	1.4430	Ave		1.4573				6.0		15.0			
Acetophenone	2.1968 2.2326	2.1385	2.3360	2.2279	2.2859	Ave		2.2363				3.1		15.0			
Caprolactam	0.0848 0.1055	0.0830	0.1019	0.1124	0.1178	Ave		0.1009				14.0		15.0			
Diphenyl	1.2871 1.6469	1.2075	1.3365	1.3736	1.5073	Ave		1.3931				11.0		15.0			
Atrazine	0.2124 0.2685	0.2228	0.2446	0.2513	0.2772	Ave		0.2461				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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 181966

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2013 13:40 Calibration End Date: 09/18/2013 15:35 Calibration ID: 29843

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-181966/13	U90967.D
Level 2	IC 460-181966/12	U90966.D
Level 3	IC 460-181966/11	U90965.D
Level 4	IC 460-181966/8	U90962.D
Level 5	IC 460-181966/10	U90964.D
Level 6	IC 460-181966/9	U90963.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	Ave	53949 1247694	102387	225692	509533	808540	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	78186 1954851	158214	329167	825840	1280814	5.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	11762 369372	24599	59159	163147	269389	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	122552 3505631	235697	509118	1351545	2342767	5.00 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	39642 1059708	77974	191801	496191	770367	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:
Ave = Average ISTD

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-181524/2 Calibration Date: 09/15/2013 18:18

Instrument ID: BNAMS11 Calib Start Date: 09/06/2013 16:15

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/06/2013 18:21

Lab File ID: z3104.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5896	0.2716		23000	50000	-53.9*	20.0
N-Nitrosodimethylamine	Ave	0.8726	0.7419		42500	50000	-15.0	20.0
Pyridine	Ave	1.510	1.284		42500	50000	-14.9	20.0
Benzaldehyde	Ave	0.6773	0.5563		41100	50000	-17.9	20.0
Aniline	Ave	1.717	1.705		49700	50000	-0.7	20.0
Phenol	Ave	1.660	1.536		46300	50000	-7.5	20.0
Bis(2-chloroethyl)ether	QuaF	1.480	1.370		51800	50000	3.6	20.0
2-Chlorophenol	Ave	1.344	1.362		50700	50000	1.4	20.0
Decane	Ave	1.517	1.348		44400	50000	-11.2	20.0
1,3-Dichlorobenzene	Ave	1.605	1.608		50100	50000	0.2	20.0
1,4-Dichlorobenzene	Ave	1.629	1.605		49200	50000	-1.5	20.0
1,2-Dichlorobenzene	Ave	1.496	1.514		50600	50000	1.2	20.0
Benzyl alcohol	Ave	0.7328	0.7741		52800	50000	5.6	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.603	1.566		48900	50000	-2.3	20.0
2-Methylphenol	Ave	1.081	1.127		52100	50000	4.2	20.0
Acetophenone	Ave	1.615	1.687		52200	50000	4.5	20.0
N-Nitrosodi-n-propylamine	Ave	0.8576	0.8973	0.0500	52300	50000	4.6	20.0
Hexachloroethane	Ave	0.6320	0.6439		50900	50000	1.9	20.0
3 & 4 Methylphenol	Ave	1.093	1.152		52700	50000	5.4	20.0
4-Methylphenol	Ave	1.095	1.156		52800	50000	5.5	20.0
Nitrobenzene	Ave	0.5615	0.5277		47000	50000	-6.0	20.0
n,n'-Dimethylaniline	Ave	1.816	1.831		50400	50000	0.8	20.0
Isophorone	Ave	0.5846	0.5994		51300	50000	2.5	20.0
2-Nitrophenol	Ave	0.1959	0.1980		50500	50000	1.1	20.0
2,4-Dimethylphenol	Ave	0.2990	0.3017		50500	50000	0.9	20.0
Bis(2-chloroethoxy)methane	Ave	0.3839	0.4027		52400	50000	4.9	20.0
2,4-Dichlorophenol	Ave	0.2701	0.2716		50300	50000	0.6	20.0
Benzoic acid	LinF	0.1385	0.0409		12700	50000	-74.7*	20.0
1,2,4-Trichlorobenzene	Ave	0.3422	0.3383		49400	50000	-1.1	20.0
Naphthalene	Ave	1.039	1.037		49900	50000	-0.1	20.0
4-Chloroaniline	Ave	0.3427	0.3498		51000	50000	2.1	20.0
Hexachlorobutadiene	Ave	0.2100	0.2052		48900	50000	-2.3	20.0
Caprolactam	Ave	0.0681	0.0450		33000	50000	-34.0*	20.0
4-Chloro-3-methylphenol	Ave	0.2544	0.2671		52500	50000	5.0	20.0
2-Methylnaphthalene	LinF	0.7004	0.6397		39600	50000	-20.8*	20.0
1-Methylnaphthalene	Ave	0.6362	0.6616		52000	50000	4.0	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6974	0.7014		50300	50000	0.6	20.0
Hexachlorocyclopentadiene	QuaF	0.3767	0.3629	0.0500	46900	50000	-6.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.4272	0.4389		51400	50000	2.7	20.0
2,4,6-Trichlorophenol	Ave	0.4077	0.4113		50400	50000	0.9	20.0
2,4,5-Trichlorophenol	Ave	0.4142	0.4241		51200	50000	2.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-181524/2 Calibration Date: 09/15/2013 18:18

Instrument ID: BNAMS11 Calib Start Date: 09/06/2013 16:15

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/06/2013 18:21

Lab File ID: z3104.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloronaphthalene	Ave	1.228	1.220		49700	50000	-0.6	20.0
Diphenyl	Ave	1.592	1.588		49900	50000	-0.3	20.0
Diphenyl ether	Ave	0.8497	0.8594		50600	50000	1.1	20.0
2-Nitroaniline	Ave	0.3530	0.3339		47300	50000	-5.4	20.0
Dimethylnaphthalene, total	Ave	1.016	1.031		50700	50000	1.5	20.0
Coumarin	Ave	0.1683	0.1694		50300	50000	0.6	20.0
Dimethyl phthalate	Ave	1.183	1.177		49700	50000	-0.5	20.0
Acenaphthylene	Ave	1.847	1.764		47700	50000	-4.5	20.0
2,6-Dinitrotoluene	Ave	0.2634	0.2645		50200	50000	0.4	20.0
3-Nitroaniline	Ave	0.2702	0.2385		44100	50000	-11.7	20.0
Acenaphthene	Ave	1.087	1.098		50500	50000	1.0	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.129	1.183		52400	50000	4.8	20.0
2,4-Dinitrophenol	QuaF	0.1254	0.0769	0.0500	29400	50000	-41.2*	20.0
Dibenzofuran	Ave	1.542	1.530		49600	50000	-0.8	20.0
2,4-Dinitrotoluene	Ave	0.3271	0.3204		49000	50000	-2.0	20.0
4-Nitrophenol	Ave	0.1862	0.1759	0.0500	47200	50000	-5.5	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2902	0.2795		48100	50000	-3.7	20.0
Diethyl phthalate	Ave	1.131	1.080		47700	50000	-4.6	20.0
Fluorene	Ave	1.226	1.194		48700	50000	-2.7	20.0
4-Chlorophenyl phenyl ether	Ave	0.6287	0.6323		50300	50000	0.6	20.0
4-Nitroaniline	Ave	0.2123	0.1708		40200	50000	-19.5	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1317	0.0963		36600	50000	-26.9*	20.0
N-Nitrosodiphenylamine	Ave	0.5912	0.6262		53000	50000	5.9	20.0
1,2-Diphenylhydrazine	Ave	0.9632	1.039		53900	50000	7.9	20.0
4-Bromophenyl phenyl ether	Ave	0.2539	0.2732		53800	50000	7.6	20.0
Hexachlorobenzene	Ave	0.2719	0.2797		51400	50000	2.9	20.0
Atrazine	Ave	0.1892	0.1795		47400	50000	-5.1	20.0
Pentachlorophenol	Ave	0.1579	0.1295		41000	50000	-18.0	20.0
Pentachloronitrobenzene	Ave	0.1124	0.1061		47200	50000	-5.6	
Phenanthrene	Ave	1.123	1.111		49400	50000	-1.1	20.0
n-Octadecane	Ave	0.5389	0.5511		51100	50000	2.3	20.0
Anthracene	Ave	1.112	1.093		49200	50000	-1.6	20.0
Carbazole	Ave	0.8577	0.7758		45200	50000	-9.5	20.0
Di-n-butyl phthalate	Ave	1.153	1.064		46100	50000	-7.8	20.0
Fluoranthene	Ave	0.9940	0.8510		42800	50000	-14.4	20.0
Benzidine	Ave	0.1602	0.0435		13600	50000	-72.9*	20.0
Pyrene	Ave	1.709	1.921		56200	50000	12.4	20.0
Butyl benzyl phthalate	Ave	0.6753	0.6731		49800	50000	-0.3	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1542	0.1541		500	500	-0.0	20.0
Carbamazepine	Ave	0.4515	0.4621		51200	50000	2.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-181524/2 Calibration Date: 09/15/2013 18:18

Instrument ID: BNAMS11 Calib Start Date: 09/06/2013 16:15

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/06/2013 18:21

Lab File ID: z3104.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[a]anthracene	Ave	1.267	1.150		45400	50000	-9.2	20.0
3,3'-Dichlorobenzidine	QuaF	0.3219	0.3093		53100	50000	6.3	20.0
Chrysene	Ave	1.140	1.273		55800	50000	11.7	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9097	0.8597		47200	50000	-5.5	20.0
Di-n-octyl phthalate	Ave	1.835	1.537		41900	50000	-16.2	20.0
Benzo[b]fluoranthene	Ave	1.220	1.042		42700	50000	-14.6	20.0
Benzo[k]fluoranthene	LinF	1.501	1.533		53500	50000	7.0	20.0
Benzo[a]pyrene	Ave	1.059	1.052		49600	50000	-0.7	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.7689	0.6494		42200	50000	-15.5	20.0
Dibenz(a,h)anthracene	Ave	0.8531	0.8489		49800	50000	-0.5	20.0
Benzo[g,h,i]perylene	Ave	0.8947	0.9150		51100	50000	2.3	20.0
2-Fluorophenol	Ave	1.305	1.276		48900	50000	-2.2	20.0
Phenol-d5	Ave	1.600	1.552		48500	50000	-2.9	20.0
Nitrobenzene-d5	Ave	0.4082	0.4076		49900	50000	-0.1	20.0
2-Fluorobiphenyl	Ave	1.431	1.413		49400	50000	-1.3	20.0
2,4,6-Tribromophenol	Ave	0.1786	0.1701		47600	50000	-4.7	20.0
Terphenyl-d14	Ave	1.219	1.277		52400	50000	4.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-181752/2 Calibration Date: 09/17/2013 00:01

Instrument ID: BNAMS11 Calib Start Date: 09/06/2013 16:15

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/06/2013 18:21

Lab File ID: z3165.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5896	0.2264		19200	50000	-61.6*	20.0
N-Nitrosodimethylamine	Ave	0.8726	0.6648		38100	50000	-23.8*	20.0
Pyridine	Ave	1.510	1.134		37600	50000	-24.9*	20.0
Benzaldehyde	Ave	0.6773	0.5521		40800	50000	-18.5	20.0
Aniline	Ave	1.717	1.685		49100	50000	-1.9	20.0
Phenol	Ave	1.660	1.550		46700	50000	-6.6	20.0
Bis(2-chloroethyl)ether	QuaF	1.480	1.414		53300	50000	6.6	20.0
2-Chlorophenol	Ave	1.344	1.359		50600	50000	1.1	20.0
Decane	Ave	1.517	1.276		42100	50000	-15.9	20.0
1,3-Dichlorobenzene	Ave	1.605	1.581		49200	50000	-1.5	20.0
1,4-Dichlorobenzene	Ave	1.629	1.602		49200	50000	-1.7	20.0
1,2-Dichlorobenzene	Ave	1.496	1.490		49800	50000	-0.4	20.0
Benzyl alcohol	Ave	0.7328	0.7471		51000	50000	2.0	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.603	1.517		47300	50000	-5.4	20.0
2-Methylphenol	Ave	1.081	1.125		52000	50000	4.0	20.0
Acetophenone	Ave	1.615	1.652		51100	50000	2.3	20.0
N-Nitrosodi-n-propylamine	Ave	0.8576	0.8663	0.0500	50500	50000	1.0	20.0
Hexachloroethane	Ave	0.6320	0.6223		49200	50000	-1.5	20.0
3 & 4 Methylphenol	Ave	1.093	1.157		52900	50000	5.8	20.0
4-Methylphenol	Ave	1.095	1.156		52800	50000	5.5	20.0
Nitrobenzene	Ave	0.5615	0.5221		46500	50000	-7.0	20.0
n,n'-Dimethylaniline	Ave	1.816	1.798		49500	50000	-1.0	20.0
Isophorone	Ave	0.5846	0.5904		50500	50000	1.0	20.0
2-Nitrophenol	Ave	0.1959	0.1970		50300	50000	0.5	20.0
2,4-Dimethylphenol	Ave	0.2990	0.2986		49900	50000	-0.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.3839	0.3963		51600	50000	3.2	20.0
2,4-Dichlorophenol	Ave	0.2701	0.2707		50100	50000	0.2	20.0
1,2,4-Trichlorobenzene	Ave	0.3422	0.3406		49800	50000	-0.5	20.0
Benzoic acid	LinF	0.1385	0.0508		15700	50000	-68.6*	20.0
Naphthalene	Ave	1.039	1.023		49200	50000	-1.5	20.0
4-Chloroaniline	Ave	0.3427	0.3538		51600	50000	3.2	20.0
Hexachlorobutadiene	Ave	0.2100	0.2041		48600	50000	-2.8	20.0
Caprolactam	Ave	0.0681	0.0541		39700	50000	-20.7*	20.0
4-Chloro-3-methylphenol	Ave	0.2544	0.2658		52200	50000	4.5	20.0
2-Methylnaphthalene	LinF	0.7004	0.8381		51900	50000	3.7	20.0
1-Methylnaphthalene	Ave	0.6362	0.6577		51700	50000	3.4	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6974	0.6913		49600	50000	-0.9	20.0
Hexachlorocyclopentadiene	QuaF	0.3767	0.3407	0.0500	44300	50000	-11.5	20.0
2-tertbutyl-4-methylphenol	Ave	0.4272	0.4286		50200	50000	0.3	20.0
2,4,6-Trichlorophenol	Ave	0.4077	0.4120		50500	50000	1.1	20.0
2,4,5-Trichlorophenol	Ave	0.4142	0.4206		50800	50000	1.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-181752/2 Calibration Date: 09/17/2013 00:01

Instrument ID: BNAMS11 Calib Start Date: 09/06/2013 16:15

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/06/2013 18:21

Lab File ID: z3165.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloronaphthalene	Ave	1.228	1.203		49000	50000	-2.1	20.0
Diphenyl	Ave	1.592	1.565		49100	50000	-1.7	20.0
Diphenyl ether	Ave	0.8497	0.8462		49800	50000	-0.4	20.0
2-Nitroaniline	Ave	0.3530	0.3482		49300	50000	-1.4	20.0
Dimethylnaphthalene, total	Ave	1.016	1.019		50100	50000	0.3	20.0
Coumarin	Ave	0.1683	0.1870		55500	50000	11.1	20.0
Dimethyl phthalate	Ave	1.183	1.223		51700	50000	3.4	20.0
Acenaphthylene	Ave	1.847	1.774		48000	50000	-3.9	20.0
2,6-Dinitrotoluene	Ave	0.2634	0.2772		52600	50000	5.2	20.0
3-Nitroaniline	Ave	0.2702	0.2771		51300	50000	2.5	20.0
Acenaphthene	Ave	1.087	1.084		49900	50000	-0.2	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.129	1.172		51900	50000	3.8	20.0
2,4-Dinitrophenol	QuaF	0.1254	0.0868	0.0500	33000	50000	-34.0*	20.0
Dibenzofuran	Ave	1.542	1.560		50600	50000	1.2	20.0
2,4-Dinitrotoluene	Ave	0.3271	0.3495		53400	50000	6.9	20.0
4-Nitrophenol	Ave	0.1862	0.1724	0.0500	46300	50000	-7.4	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2902	0.3058		52700	50000	5.4	20.0
Diethyl phthalate	Ave	1.131	1.161		51300	50000	2.6	20.0
Fluorene	Ave	1.226	1.251		51000	50000	2.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.6287	0.6563		52200	50000	4.4	20.0
4-Nitroaniline	Ave	0.2123	0.2067		48700	50000	-2.6	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1317	0.1034		39300	50000	-21.5*	20.0
N-Nitrosodiphenylamine	Ave	0.5912	0.5825		49300	50000	-1.5	20.0
1,2-Diphenylhydrazine	Ave	0.9632	0.9536		49500	50000	-1.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2539	0.2581		50800	50000	1.7	20.0
Hexachlorobenzene	Ave	0.2719	0.2721		50000	50000	0.0	20.0
Atrazine	Ave	0.1892	0.1950		51500	50000	3.1	20.0
Pentachlorophenol	Ave	0.1579	0.1465		46400	50000	-7.3	20.0
Pentachloronitrobenzene	Ave	0.1124	0.1072		47700	50000	-4.6	
Phenanthrene	Ave	1.123	1.115		49600	50000	-0.7	20.0
n-Octadecane	Ave	0.5389	0.4677		43400	50000	-13.2	20.0
Anthracene	Ave	1.112	1.132		50900	50000	1.8	20.0
Carbazole	Ave	0.8577	0.8116		47300	50000	-5.4	20.0
Di-n-butyl phthalate	Ave	1.153	1.144		49600	50000	-0.8	20.0
Fluoranthene	Ave	0.9940	0.9731		48900	50000	-2.1	20.0
Benzidine	Ave	0.1602	0.0460		14300	50000	-71.3*	20.0
Pyrene	Ave	1.709	1.820		53200	50000	6.5	20.0
Butyl benzyl phthalate	Ave	0.6753	0.6758		50000	50000	0.0	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1542	0.1762		571	500	14.2	20.0
Carbamazepine	Ave	0.4515	0.3034		33600	50000	-32.8*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-181752/2 Calibration Date: 09/17/2013 00:01

Instrument ID: BNAMS11 Calib Start Date: 09/06/2013 16:15

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/06/2013 18:21

Lab File ID: z3165.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[a]anthracene	Ave	1.267	1.161		45800	50000	-8.4	20.0
3,3'-Dichlorobenzidine	QuaF	0.3219	0.2824		47200	50000	-5.5	20.0
Chrysene	Ave	1.140	1.295		56800	50000	13.6	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9097	0.8915		49000	50000	-2.0	20.0
Di-n-octyl phthalate	Ave	1.835	1.766		48100	50000	-3.8	20.0
Benzo[b]fluoranthene	Ave	1.220	1.090		44700	50000	-10.7	20.0
Benzo[k]fluoranthene	LinF	1.501	1.626		56800	50000	13.5	20.0
Benzo[a]pyrene	Ave	1.059	1.057		49900	50000	-0.2	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.7689	0.6018		39100	50000	-21.7*	20.0
Dibenz(a,h)anthracene	Ave	0.8531	0.8115		47600	50000	-4.9	20.0
Benzo[g,h,i]perylene	Ave	0.8947	0.8030		44900	50000	-10.3	20.0
2-Fluorophenol	Ave	1.305	1.275		48900	50000	-2.3	20.0
Phenol-d5	Ave	1.600	1.554		48600	50000	-2.9	20.0
Nitrobenzene-d5	Ave	0.4082	0.3999		49000	50000	-2.0	20.0
2-Fluorobiphenyl	Ave	1.431	1.393		48700	50000	-2.7	20.0
2,4,6-Tribromophenol	Ave	0.1786	0.1916		53700	50000	7.3	20.0
Terphenyl-d14	Ave	1.219	1.295		53100	50000	6.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182252/2 Calibration Date: 09/19/2013 15:32

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: z2336.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	0.7286		51900	50000	3.9	20.0
N-Nitrosodimethylamine	Ave	1.036	1.040		50200	50000	0.4	20.0
Pyridine	Ave	1.727	1.756		50800	50000	1.7	20.0
Benzaldehyde	Ave	0.8149	0.7679		47100	50000	-5.8	20.0
Phenol	Ave	1.907	1.780		46700	50000	-6.6	20.0
Aniline	Ave	2.017	1.952		48400	50000	-3.2	20.0
Bis(2-chloroethyl)ether	Ave	1.602	1.467		45800	50000	-8.4	20.0
2-Chlorophenol	Ave	1.453	1.400		48200	50000	-3.6	20.0
Decane	Ave	1.992	1.989		49900	50000	-0.1	20.0
1,3-Dichlorobenzene	Ave	1.665	1.609		48300	50000	-3.4	20.0
1,4-Dichlorobenzene	Ave	1.686	1.603		47600	50000	-4.9	20.0
Benzyl alcohol	Ave	0.8834	0.8398		47500	50000	-4.9	20.0
1,2-Dichlorobenzene	Ave	1.550	1.482		47800	50000	-4.4	20.0
2-Methylphenol	Ave	1.235	1.156		46800	50000	-6.3	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.162	2.015		46600	50000	-6.8	20.0
3 & 4 Methylphenol	Ave	1.437	1.318		45900	50000	-8.3	20.0
4-Methylphenol	Ave	1.438	1.318		45800	50000	-8.4	20.0
Acetophenone	Ave	1.974	1.841		46600	50000	-6.7	20.0
N-Nitrosodi-n-propylamine	Ave	1.162	1.055	0.0500	45400	50000	-9.2	20.0
Hexachloroethane	Ave	0.6851	0.6643		48500	50000	-3.0	20.0
n,n'-Dimethylaniline	Ave	2.103	1.896		45100	50000	-9.8	20.0
Nitrobenzene	Ave	0.6680	0.6591		49300	50000	-1.3	20.0
Isophorone	Ave	0.6985	0.6633		47500	50000	-5.0	20.0
2-Nitrophenol	Ave	0.1956	0.1986		50800	50000	1.6	20.0
2,4-Dimethylphenol	Ave	0.3208	0.3175		49500	50000	-1.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.4384	0.4262		48600	50000	-2.8	20.0
Benzoic acid	QuaF	0.1309	0.1376		45900	50000	-8.3	20.0
2,4-Dichlorophenol	Ave	0.2711	0.2641		48700	50000	-2.6	20.0
1,2,4-Trichlorobenzene	Ave	0.3118	0.3017		48400	50000	-3.2	20.0
Naphthalene	Ave	1.077	1.053		48900	50000	-2.2	20.0
4-Chloroaniline	Ave	0.3713	0.3642		49000	50000	-1.9	20.0
Hexachlorobutadiene	Ave	0.1725	0.1640		47500	50000	-4.9	20.0
Caprolactam	Ave	0.0681	0.0806		59200	50000	18.4	20.0
4-Chloro-3-methylphenol	Ave	0.2841	0.2798		49200	50000	-1.5	20.0
2-Methylnaphthalene	Ave	0.6615	0.6358		48100	50000	-3.9	20.0
1-Methylnaphthalene	Ave	0.6906	0.6808		49300	50000	-1.4	20.0
Hexachlorocyclopentadiene	QuaF	0.3636	0.3083	0.0500	41900	50000	-16.3	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6510	0.5925		45500	50000	-9.0	20.0
2-tertbutyl-4-methylphenol	Ave	0.4735	0.4585		48400	50000	-3.2	20.0
2,4,6-Trichlorophenol	Ave	0.3841	0.3769		49100	50000	-1.9	20.0
2,4,5-Trichlorophenol	Ave	0.3828	0.3794		49600	50000	-0.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182252/2 Calibration Date: 09/19/2013 15:32

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: z2336.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.712	1.615		47200	50000	-5.7	20.0
2-Chloronaphthalene	Ave	1.249	1.181		47300	50000	-5.4	20.0
Diphenyl ether	Ave	0.8874	0.8376		47200	50000	-5.6	20.0
2-Nitroaniline	Ave	0.5146	0.5633		54700	50000	9.4	20.0
Dimethylnaphthalene, total	Ave	1.089	1.039		47700	50000	-4.7	20.0
Dimethyl phthalate	Ave	1.213	1.241		51200	50000	2.3	20.0
Coumarin	Ave	0.1694	0.1924		56800	50000	13.6	20.0
2,6-Dinitrotoluene	Ave	0.2634	0.2817		53500	50000	6.9	20.0
Acenaphthylene	Ave	1.906	1.813		47600	50000	-4.9	20.0
3-Nitroaniline	Ave	0.2602	0.2788		53600	50000	7.1	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.150	1.094		47600	50000	-4.8	20.0
Acenaphthene	Ave	1.241	1.140		45900	50000	-8.1	20.0
2,4-Dinitrophenol	QuaF	0.1078	0.1361	0.0500	56700	50000	13.4	20.0
4-Nitrophenol	QuaF	0.2032	0.2374	0.0500	55800	50000	11.6	20.0
2,4-Dinitrotoluene	Ave	0.3216	0.3564		55400	50000	10.8	20.0
Dibenzofuran	Ave	1.562	1.537		49200	50000	-1.6	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2468	0.2555		51800	50000	3.5	20.0
Diethyl phthalate	Ave	1.172	1.213		51800	50000	3.5	20.0
4-Chlorophenyl phenyl ether	Ave	0.6202	0.5894		47500	50000	-5.0	20.0
Fluorene	Ave	1.326	1.305		49200	50000	-1.6	20.0
4-Nitroaniline	Ave	0.2111	0.2521		59700	50000	19.4	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1268	0.1381		54500	50000	8.9	20.0
N-Nitrosodiphenylamine	Ave	0.6714	0.6468		48200	50000	-3.7	20.0
1,2-Diphenylhydrazine	Ave	1.254	1.148		45800	50000	-8.5	20.0
4-Bromophenyl phenyl ether	Ave	0.2435	0.2318		47600	50000	-4.8	20.0
Hexachlorobenzene	Ave	0.2496	0.2333		46700	50000	-6.5	20.0
Atrazine	Ave	0.1786	0.1787		50000	50000	0.0	20.0
Pentachlorophenol	Ave	0.1411	0.1463		51800	50000	3.7	20.0
Pentachloronitrobenzene	Ave	0.1056	0.1000		47400	50000	-5.2	
n-Octadecane	Ave	0.8137	0.7514		46200	50000	-7.7	20.0
Phenanthrene	Ave	1.185	1.167		49300	50000	-1.5	20.0
Anthracene	Ave	1.179	1.175		49800	50000	-0.3	20.0
Carbazole	Ave	0.8970	0.9427		52500	50000	5.1	20.0
Di-n-butyl phthalate	Ave	1.247	1.281		51400	50000	2.8	20.0
Fluoranthene	Ave	0.9399	1.013		53900	50000	7.8	20.0
Benzidine	Ave	0.1296	0.1121		43200	50000	-13.5	20.0
Pyrene	Ave	2.091	1.955		46700	50000	-6.5	20.0
Butyl benzyl phthalate	Ave	0.8028	0.8094		50400	50000	0.8	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1432	0.1604		560	500	12.1	20.0
Carbamazepine	QuaF	0.4078	0.4670		50900	50000	1.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182252/2 Calibration Date: 09/19/2013 15:32

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: z2336.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	0.3267		54100	50000	8.2	20.0
Benzo[a]anthracene	Ave	1.271	1.229		48400	50000	-3.3	20.0
Bis(2-ethylhexyl) phthalate	Ave	1.082	1.079		49900	50000	-0.2	20.0
Chrysene	Ave	1.189	1.185		49800	50000	-0.4	20.0
Di-n-octyl phthalate	QuaF	1.876	1.989		48900	50000	-2.3	20.0
Benzo[b]fluoranthene	Ave	1.122	1.143		51000	50000	1.9	20.0
Benzo[k]fluoranthene	Ave	1.293	1.289		49800	50000	-0.3	20.0
Benzo[a]pyrene	Ave	0.9909	1.001		50500	50000	1.0	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.7096	0.7353		49200	50000	-1.6	20.0
Dibenz(a,h)anthracene	QuaF	0.8152	0.8834		49400	50000	-1.3	20.0
Benzo[g,h,i]perylene	Ave	0.8703	0.8523		49000	50000	-2.1	20.0
2-Fluorophenol	Ave	1.419	1.409		49700	50000	-0.7	20.0
Phenol-d5	Ave	1.773	1.692		47700	50000	-4.5	20.0
Nitrobenzene-d5	Ave	0.4657	0.4608		49500	50000	-1.0	20.0
2-Fluorobiphenyl	Ave	1.478	1.373		46400	50000	-7.1	20.0
2,4,6-Tribromophenol	Ave	0.1417	0.1555		54800	50000	9.7	20.0
Terphenyl-d14	Ave	1.311	1.214		46300	50000	-7.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182070/2 Calibration Date: 09/19/2013 01:20

Instrument ID: CBNAMS4 Calib Start Date: 09/18/2013 11:17

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 09/18/2013 13:18

Lab File ID: U90986.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.3795	0.2788		36700	50000	-26.5*	20.0
N-Nitrosodimethylamine	Ave	0.7450	0.7661		51400	50000	2.8	20.0
Pyridine	Ave	1.197	1.190		49700	50000	-0.7	20.0
Aniline	Ave	1.504	1.672		55600	50000	11.2	20.0
Phenol	Ave	1.498	1.709		57000	50000	14.1	20.0
Bis(2-chloroethyl)ether	Ave	1.236	1.117		45200	50000	-9.6	20.0
2-Chlorophenol	Ave	1.332	1.429		53600	50000	7.3	20.0
Decane	Ave	1.336	1.259		47100	50000	-5.8	20.0
1,3-Dichlorobenzene	Ave	1.480	1.460		49300	50000	-1.4	20.0
1,4-Dichlorobenzene	Ave	1.515	1.594		52600	50000	5.2	20.0
Benzyl alcohol	Ave	0.8022	0.9465		59000	50000	18.0	20.0
1,2-Dichlorobenzene	Ave	1.485	1.570		52900	50000	5.7	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.702	1.825		53600	50000	7.2	20.0
2-Methylphenol	Ave	1.105	1.294		58500	50000	17.0	20.0
N-Nitrosodi-n-propylamine	Ave	1.252	1.395	0.0500	55700	50000	11.4	20.0
3 & 4 Methylphenol	Ave	1.111	1.301		58600	50000	17.1	20.0
4-Methylphenol	Ave	1.106	1.281		57900	50000	15.8	20.0
Hexachloroethane	Ave	0.8131	0.8098		49800	50000	-0.4	20.0
n,n'-Dimethylaniline	Ave	1.858	1.974		53100	50000	6.3	20.0
Nitrobenzene	Ave	0.7787	0.7582		48700	50000	-2.6	20.0
Isophorone	Ave	0.8442	0.8505		50400	50000	0.7	20.0
2-Nitrophenol	Ave	0.2056	0.2129		51800	50000	3.5	20.0
2,4-Dimethylphenol	Ave	0.2979	0.3152		52900	50000	5.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.3614	0.3683		51000	50000	1.9	20.0
Benzoic acid	Ave	0.1868	0.1053		28200	50000	-43.7*	20.0
2,4-Dichlorophenol	Ave	0.3099	0.3459		55800	50000	11.6	20.0
1,2,4-Trichlorobenzene	Ave	0.3809	0.3873		50800	50000	1.7	20.0
Naphthalene	Ave	0.998	1.011		50600	50000	1.3	20.0
4-Chloroaniline	Ave	0.4046	0.4189		51800	50000	3.5	20.0
Hexachlorobutadiene	Ave	0.3795	0.3551		46800	50000	-6.4	20.0
4-Chloro-3-methylphenol	Ave	0.3737	0.4117		55100	50000	10.2	20.0
2-Methylnaphthalene	Ave	0.6115	0.6375		52100	50000	4.3	20.0
1-Methylnaphthalene	Ave	0.6537	0.6626		50700	50000	1.4	20.0
Hexachlorocyclopentadiene	Lin1		0.4975	0.0500	40900	50000	-18.2	20.0
1,2,4,5-Tetrachlorobenzene	Ave	1.065	1.015		47700	50000	-4.7	20.0
2-tertbutyl-4-methylphenol	Ave	0.5478	0.5807		53000	50000	6.0	20.0
2,4,6-Trichlorophenol	Ave	0.5204	0.4835		46500	50000	-7.1	20.0
2,4,5-Trichlorophenol	Ave	0.5302	0.5539		52200	50000	4.5	20.0
2-Chloronaphthalene	Ave	1.224	1.156		47200	50000	-5.6	20.0
Diphenyl ether	Ave	0.8696	0.8688		50000	50000	-0.0	20.0
2-Nitroaniline	Ave	0.4969	0.4589		46200	50000	-7.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182070/2 Calibration Date: 09/19/2013 01:20

Instrument ID: CBNAMS4 Calib Start Date: 09/18/2013 11:17

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 09/18/2013 13:18

Lab File ID: U90986.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dimethylnaphthalene, total	Ave	0.8902	0.8548		48000	50000	-4.0	20.0
Dimethyl phthalate	Ave	1.424	1.490		52300	50000	4.7	20.0
Coumarin	Ave	0.2155	0.2450		56800	50000	13.7	20.0
2,6-Dinitrotoluene	Ave	0.2916	0.3127		53600	50000	7.2	20.0
Acenaphthylene	Ave	1.739	1.645		47300	50000	-5.4	20.0
3-Nitroaniline	Ave	0.2968	0.3032		51100	50000	2.2	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.517	1.581		52100	50000	4.2	20.0
Acenaphthene	Lin1		1.183		44900	50000	-10.1	20.0
2,4-Dinitrophenol	Qua		0.1852	0.0500	47100	50000	-5.8	20.0
4-Nitrophenol	Ave	0.3198	0.3543	0.0500	55400	50000	10.8	20.0
Dibenzofuran	Ave	1.694	1.748		51600	50000	3.2	20.0
2,4-Dinitrotoluene	Ave	0.4333	0.4819		55600	50000	11.2	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.5111	0.5445		53300	50000	6.5	20.0
Diethyl phthalate	Ave	1.523	1.667		54700	50000	9.5	20.0
4-Chlorophenyl phenyl ether	Ave	0.9089	0.9696		53300	50000	6.7	20.0
Fluorene	Ave	1.337	1.457		54500	50000	9.0	20.0
4-Nitroaniline	Ave	0.2598	0.2792		53700	50000	7.5	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1689	0.1630		48300	50000	-3.5	20.0
N-Nitrosodiphenylamine	Ave	0.5194	0.5523		53200	50000	6.3	20.0
1,2-Diphenylhydrazine	Ave	1.022	0.9246		45200	50000	-9.6	20.0
4-Bromophenyl phenyl ether	Ave	0.3446	0.3316		48100	50000	-3.8	20.0
Hexachlorobenzene	Ave	0.3853	0.3711		48200	50000	-3.7	20.0
Pentachlorophenol	Ave	0.2299	0.2302		50100	50000	0.1	20.0
Pentachloronitrobenzene	Ave	0.1864	0.1865		50000	50000	0.0	
n-Octadecane	Ave	0.4385	0.4095		46700	50000	-6.6	20.0
Phenanthrene	Ave	1.022	1.045		51200	50000	2.3	20.0
Anthracene	Ave	1.053	1.016		48300	50000	-3.5	20.0
Carbazole	Ave	0.8582	0.8890		51800	50000	3.6	20.0
Di-n-butyl phthalate	Ave	1.309	1.377		52600	50000	5.2	20.0
Fluoranthene	Ave	1.192	1.341		56200	50000	12.5	20.0
Benzidine	Ave	0.3403	0.3321		48800	50000	-2.4	20.0
Pyrene	Ave	1.314	1.242		47300	50000	-5.5	20.0
Butyl benzyl phthalate	Ave	0.5364	0.5161		48100	50000	-3.8	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1960	0.2035		519	500	3.8	20.0
Carbamazepine	Ave	0.3905	0.4365		55900	50000	11.8	20.0
3,3'-Dichlorobenzidine	Ave	0.4102	0.4533		55300	50000	10.5	20.0
Benzo[a]anthracene	Ave	1.133	1.167		51500	50000	3.0	20.0
Chrysene	Ave	1.054	1.150		54600	50000	9.1	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7056	0.7166		50800	50000	1.6	20.0
Di-n-octyl phthalate	Ave	1.366	1.324		48500	50000	-3.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182070/2 Calibration Date: 09/19/2013 01:20

Instrument ID: CBNAMS4 Calib Start Date: 09/18/2013 11:17

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 09/18/2013 13:18

Lab File ID: U90986.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[b]fluoranthene	Ave	1.139	1.210		53100	50000	6.2	20.0
Benzo[k]fluoranthene	Ave	1.169	1.160		49600	50000	-0.7	20.0
Benzo[a]pyrene	Ave	0.9898	1.003		50700	50000	1.4	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.096	0.9930		45300	50000	-9.4	20.0
Dibenz(a,h)anthracene	Ave	1.066	0.999		46800	50000	-6.4	20.0
Benzo[g,h,i]perylene	Ave	1.070	0.9495		44400	50000	-11.3	20.0
2-Fluorophenol	Ave	1.123	1.217		54200	50000	8.4	20.0
Phenol-d5	Ave	1.336	1.535		57400	50000	14.8	20.0
Nitrobenzene-d5	Ave	0.5825	0.5902		50700	50000	1.3	20.0
2-Fluorobiphenyl	Ave	1.413	1.386		49100	50000	-1.9	20.0
2,4,6-Tribromophenol	Ave	0.3718	0.4096		55100	50000	10.2	20.0
Terphenyl-d14	Ave	1.037	1.004		48400	50000	-3.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-182070/3 Calibration Date: 09/19/2013 01:44

Instrument ID: CBNAMS4 Calib Start Date: 09/18/2013 13:40

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 09/18/2013 15:35

Lab File ID: U90987.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.457	1.407		48300	50000	-3.5	20.0
Acetophenone	Ave	2.236	2.172		48600	50000	-2.9	20.0
Caprolactam	Ave	0.1009	0.1013		50200	50000	0.4	20.0
Diphenyl	Ave	1.393	1.320		47400	50000	-5.3	20.0
Atrazine	Ave	0.2461	0.2620		53200	50000	6.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182194/2 Calibration Date: 09/19/2013 14:26

Instrument ID: CBNAMS4 Calib Start Date: 09/18/2013 11:17

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 09/18/2013 13:18

Lab File ID: U91013.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.3795	0.3647		48100	50000	-3.9	20.0
N-Nitrosodimethylamine	Ave	0.7450	0.7812		52400	50000	4.9	20.0
Pyridine	Ave	1.197	1.307		54600	50000	9.2	20.0
Aniline	Ave	1.504	1.599		53100	50000	6.3	20.0
Phenol	Ave	1.498	1.514		50500	50000	1.1	20.0
Bis(2-chloroethyl)ether	Ave	1.236	1.146		46400	50000	-7.3	20.0
2-Chlorophenol	Ave	1.332	1.448		54300	50000	8.7	20.0
Decane	Ave	1.336	1.395		52200	50000	4.4	20.0
1,3-Dichlorobenzene	Ave	1.480	1.527		51600	50000	3.1	20.0
1,4-Dichlorobenzene	Ave	1.515	1.553		51300	50000	2.5	20.0
Benzyl alcohol	Ave	0.8022	0.8199		51100	50000	2.2	20.0
1,2-Dichlorobenzene	Ave	1.485	1.486		50000	50000	0.0	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.702	1.784		52400	50000	4.8	20.0
2-Methylphenol	Ave	1.105	1.144		51700	50000	3.4	20.0
N-Nitrosodi-n-propylamine	Ave	1.252	1.286	0.0500	51400	50000	2.7	20.0
3 & 4 Methylphenol	Ave	1.111	1.218		54800	50000	9.6	20.0
4-Methylphenol	Ave	1.106	1.202		54300	50000	8.7	20.0
Hexachloroethane	Ave	0.8131	0.8643		53100	50000	6.3	20.0
n,n'-Dimethylaniline	Ave	1.858	1.915		51500	50000	3.1	20.0
Nitrobenzene	Ave	0.7787	0.8264		53100	50000	6.1	20.0
Isophorone	Ave	0.8442	0.8884		52600	50000	5.2	20.0
2-Nitrophenol	Ave	0.2056	0.2111		51300	50000	2.7	20.0
2,4-Dimethylphenol	Ave	0.2979	0.3257		54700	50000	9.3	20.0
Bis(2-chloroethoxy)methane	Ave	0.3614	0.3924		54300	50000	8.6	20.0
Benzoic acid	Ave	0.1868	0.1392		37300	50000	-25.5*	20.0
2,4-Dichlorophenol	Ave	0.3099	0.3285		53000	50000	6.0	20.0
1,2,4-Trichlorobenzene	Ave	0.3809	0.3842		50400	50000	0.9	20.0
Naphthalene	Ave	0.998	1.001		50100	50000	0.3	20.0
4-Chloroaniline	Ave	0.4046	0.3985		49300	50000	-1.5	20.0
Hexachlorobutadiene	Ave	0.3795	0.3834		50500	50000	1.0	20.0
4-Chloro-3-methylphenol	Ave	0.3737	0.3977		53200	50000	6.4	20.0
2-Methylnaphthalene	Ave	0.6115	0.6293		51500	50000	2.9	20.0
1-Methylnaphthalene	Ave	0.6537	0.6627		50700	50000	1.4	20.0
Hexachlorocyclopentadiene	Lin1		0.5687	0.0500	46400	50000	-7.2	20.0
1,2,4,5-Tetrachlorobenzene	Ave	1.065	1.102		51800	50000	3.6	20.0
2-tertbutyl-4-methylphenol	Ave	0.5478	0.5648		51500	50000	3.1	20.0
2,4,6-Trichlorophenol	Ave	0.5204	0.5125		49200	50000	-1.5	20.0
2,4,5-Trichlorophenol	Ave	0.5302	0.5485		51700	50000	3.5	20.0
2-Chloronaphthalene	Ave	1.224	1.191		48600	50000	-2.7	20.0
Diphenyl ether	Ave	0.8696	0.8597		49400	50000	-1.1	20.0
2-Nitroaniline	Ave	0.4969	0.4872		49000	50000	-2.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182194/2 Calibration Date: 09/19/2013 14:26

Instrument ID: CBNAMS4 Calib Start Date: 09/18/2013 11:17

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 09/18/2013 13:18

Lab File ID: U91013.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dimethylnaphthalene, total	Ave	0.8902	0.8631		48500	50000	-3.0	20.0
Dimethyl phthalate	Ave	1.424	1.447		50800	50000	1.6	20.0
Coumarin	Ave	0.2155	0.2077		48200	50000	-3.6	20.0
2,6-Dinitrotoluene	Ave	0.2916	0.3064		52500	50000	5.1	20.0
Acenaphthylene	Ave	1.739	1.689		48600	50000	-2.9	20.0
3-Nitroaniline	Ave	0.2968	0.2883		48600	50000	-2.9	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.517	1.593		52500	50000	5.0	20.0
Acenaphthene	Lin1		1.195		45400	50000	-9.2	20.0
2,4-Dinitrophenol	Qua		0.1641	0.0500	42600	50000	-14.8	20.0
4-Nitrophenol	Ave	0.3198	0.3261	0.0500	51000	50000	2.0	20.0
Dibenzofuran	Ave	1.694	1.638		48300	50000	-3.3	20.0
2,4-Dinitrotoluene	Ave	0.4333	0.4384		50600	50000	1.2	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.5111	0.5228		51100	50000	2.3	20.0
Diethyl phthalate	Ave	1.523	1.561		51300	50000	2.5	20.0
4-Chlorophenyl phenyl ether	Ave	0.9089	0.9198		50600	50000	1.2	20.0
Fluorene	Ave	1.337	1.353		50600	50000	1.2	20.0
4-Nitroaniline	Ave	0.2598	0.2539		48900	50000	-2.3	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1689	0.1573		46600	50000	-6.8	20.0
N-Nitrosodiphenylamine	Ave	0.5194	0.5358		51600	50000	3.2	20.0
1,2-Diphenylhydrazine	Ave	1.022	1.026		50200	50000	0.4	20.0
4-Bromophenyl phenyl ether	Ave	0.3446	0.3606		52300	50000	4.6	20.0
Hexachlorobenzene	Ave	0.3853	0.3877		50300	50000	0.6	20.0
Pentachlorophenol	Ave	0.2299	0.2313		50300	50000	0.6	20.0
Pentachloronitrobenzene	Ave	0.1864	0.1994		53500	50000	7.0	
n-Octadecane	Ave	0.4385	0.4632		52800	50000	5.6	20.0
Phenanthrene	Ave	1.022	1.026		50200	50000	0.4	20.0
Anthracene	Ave	1.053	1.047		49700	50000	-0.5	20.0
Carbazole	Ave	0.8582	0.8139		47400	50000	-5.2	20.0
Di-n-butyl phthalate	Ave	1.309	1.383		52800	50000	5.7	20.0
Fluoranthene	Ave	1.192	1.362		57100	50000	14.3	20.0
Benzidine	Ave	0.3403	0.2481		36400	50000	-27.1*	20.0
Pyrene	Ave	1.314	1.247		47400	50000	-5.1	20.0
Butyl benzyl phthalate	Ave	0.5364	0.5427		50600	50000	1.2	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1960	0.1689		431	500	-13.9	20.0
Carbamazepine	Ave	0.3905	0.3528		45200	50000	-9.6	20.0
3,3'-Dichlorobenzidine	Ave	0.4102	0.4116		50200	50000	0.3	20.0
Benzo[a]anthracene	Ave	1.133	1.172		51700	50000	3.4	20.0
Chrysene	Ave	1.054	1.097		52100	50000	4.1	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7056	0.7138		50600	50000	1.2	20.0
Di-n-octyl phthalate	Ave	1.366	1.510		55300	50000	10.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182194/2 Calibration Date: 09/19/2013 14:26

Instrument ID: CBNAMS4 Calib Start Date: 09/18/2013 11:17

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 09/18/2013 13:18

Lab File ID: U91013.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[b]fluoranthene	Ave	1.139	1.219		53500	50000	7.0	20.0
Benzo[k]fluoranthene	Ave	1.169	1.160		49600	50000	-0.7	20.0
Benzo[a]pyrene	Ave	0.9898	1.035		52300	50000	4.6	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.096	1.031		47000	50000	-5.9	20.0
Dibenz(a,h)anthracene	Ave	1.066	0.9794		45900	50000	-8.2	20.0
Benzo[g,h,i]perylene	Ave	1.070	1.012		47300	50000	-5.4	20.0
2-Fluorophenol	Ave	1.123	1.281		57000	50000	14.1	20.0
Phenol-d5	Ave	1.336	1.439		53800	50000	7.7	20.0
Nitrobenzene-d5	Ave	0.5825	0.6123		52600	50000	5.1	20.0
2-Fluorobiphenyl	Ave	1.413	1.434		50700	50000	1.4	20.0
2,4,6-Tribromophenol	Ave	0.3718	0.3770		50700	50000	1.4	20.0
Terphenyl-d14	Ave	1.037	1.000		48200	50000	-3.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-182194/3 Calibration Date: 09/19/2013 14:56

Instrument ID: CBNAMS4 Calib Start Date: 09/18/2013 13:40

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 09/18/2013 15:35

Lab File ID: U91014.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.457	1.444		49500	50000	-0.9	20.0
Acetophenone	Ave	2.236	2.166		48400	50000	-3.2	20.0
Caprolactam	Ave	0.1009	0.0918		45500	50000	-9.0	20.0
Diphenyl	Ave	1.393	1.388		49800	50000	-0.4	20.0
Atrazine	Ave	0.2461	0.2501		50800	50000	1.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182076/2 Calibration Date: 09/19/2013 04:43

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: M69558.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	0.5862		8310	10000	-16.9	20.0
N-Nitrosodimethylamine	Ave	0.9675	0.9580		9900	10000	-1.0	20.0
Pyridine	Ave	1.403	1.302		9280	10000	-7.2	20.0
Benzaldehyde	Qua		0.9340		11400	10000	14.2	20.0
Aniline	Ave	1.735	1.639		9450	10000	-5.5	20.0
Phenol	Ave	1.724	1.764		10200	10000	2.3	20.0
Bis(2-chloroethyl)ether	Ave	1.408	1.444		10300	10000	2.5	20.0
2-Chlorophenol	Ave	1.298	1.380		10600	10000	6.3	20.0
Decane	Ave	1.700	1.754		10300	10000	3.2	20.0
1,3-Dichlorobenzene	Ave	1.456	1.429		9810	10000	-1.9	20.0
1,4-Dichlorobenzene	Ave	1.454	1.439		9900	10000	-1.0	20.0
1,2-Dichlorobenzene	Ave	1.396	1.379		9880	10000	-1.2	20.0
Benzyl alcohol	Ave	0.7957	0.6503		8170	10000	-18.3	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.139	2.254		10500	10000	5.4	20.0
2-Methylphenol	Ave	1.210	1.288		10600	10000	6.4	20.0
Acetophenone	Ave	1.961	1.844		9400	10000	-6.0	20.0
N-Nitrosodi-n-propylamine	Ave	1.234	1.129	0.0500	9150	10000	-8.5	20.0
3 & 4 Methylphenol	Ave	1.253	1.313		10500	10000	4.8	20.0
4-Methylphenol	Ave	1.212	1.235		10200	10000	1.8	20.0
Hexachloroethane	Ave	0.8092	0.7635		9440	10000	-5.6	20.0
n,n'-Dimethylaniline	Ave	1.808	1.663		9200	10000	-8.0	20.0
Nitrobenzene	Ave	0.8145	0.7239		8890	10000	-11.1	20.0
Isophorone	Ave	0.8496	0.7803		9180	10000	-8.2	20.0
2-Nitrophenol	Ave	0.2473	0.2380		9620	10000	-3.8	20.0
2,4-Dimethylphenol	Ave	0.3391	0.3411		10100	10000	0.6	20.0
Bis(2-chloroethoxy)methane	Ave	0.4579	0.4361		9520	10000	-4.8	20.0
2,4-Dichlorophenol	Ave	0.3453	0.3313		9590	10000	-4.1	20.0
Benzoic acid	Lin2		0.1816		9790	10000	-2.1	20.0
1,2,4-Trichlorobenzene	Ave	0.4119	0.3826		9290	10000	-7.1	20.0
Naphthalene	Ave	1.023	1.033		10100	10000	1.0	20.0
4-Chloroaniline	Ave	0.4069	0.3241		7970	10000	-20.3*	20.0
Hexachlorobutadiene	Ave	0.2597	0.2205		8490	10000	-15.1	20.0
Caprolactam	Ave	0.0851	0.0704		8270	10000	-17.3	20.0
4-Chloro-3-methylphenol	Ave	0.3626	0.3407		9400	10000	-6.0	20.0
2-Methylnaphthalene	Ave	0.6606	0.6244		9450	10000	-5.5	20.0
1-Methylnaphthalene	Ave	0.6945	0.6775		9760	10000	-2.4	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7289	0.7582		10400	10000	4.0	20.0
Hexachlorocyclopentadiene	Ave	0.4550	0.3548	0.0500	7800	10000	-22.0*	20.0
2-tertbutyl-4-methylphenol	Ave	0.4926	0.4103		8330	10000	-16.7	20.0
2,4,6-Trichlorophenol	Ave	0.4208	0.4295		10200	10000	2.1	20.0
2,4,5-Trichlorophenol	Ave	0.4501	0.4779		10600	10000	6.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182076/2 Calibration Date: 09/19/2013 04:43

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: M69558.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.438	1.466		10200	10000	1.9	20.0
2-Chloronaphthalene	Ave	1.195	1.215		10200	10000	1.6	20.0
Diphenyl ether	Ave	0.8331	0.8381		10100	10000	0.6	20.0
2-Nitroaniline	Ave	0.6207	0.4722		7610	10000	-23.9*	20.0
Dimethylnaphthalene, total	Ave	0.9316	0.9552		10300	10000	2.5	20.0
Coumarin	Ave	0.2086	0.1839		8810	10000	-11.9	20.0
Dimethyl phthalate	Ave	1.307	1.229		9410	10000	-5.9	20.0
2,6-Dinitrotoluene	Ave	0.3215	0.3092		9620	10000	-3.8	20.0
Acenaphthylene	Ave	1.719	1.654		9620	10000	-3.8	20.0
3-Nitroaniline	Ave	0.2752	0.2588		9400	10000	-6.0	20.0
Acenaphthene	Ave	1.041	1.033		9920	10000	-0.8	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.025	0.9297		9070	10000	-9.3	20.0
2,4-Dinitrophenol	Lin2		0.1749	0.0500	9950	10000	-0.5	20.0
4-Nitrophenol	Lin2		0.2991	0.0500	9920	10000	-0.8	20.0
Dibenzofuran	Ave	1.539	1.505		9780	10000	-2.2	20.0
2,4-Dinitrotoluene	Ave	0.4057	0.3801		9370	10000	-6.3	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3102	0.2969		9570	10000	-4.3	20.0
Diethyl phthalate	Ave	1.281	1.167		9110	10000	-8.9	20.0
Fluorene	Ave	1.235	1.154		9340	10000	-6.6	20.0
4-Chlorophenyl phenyl ether	Ave	0.6424	0.6359		9900	10000	-1.0	20.0
4-Nitroaniline	Ave	0.2371	0.2399		10100	10000	1.2	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1552	0.1769		11400	10000	14.0	20.0
N-Nitrosodiphenylamine	Ave	0.5778	0.5782		10000	10000	0.0	20.0
1,2-Diphenylhydrazine	Ave	1.052	1.066		10100	10000	1.3	20.0
4-Bromophenyl phenyl ether	Ave	0.2416	0.2283		9450	10000	-5.5	20.0
Hexachlorobenzene	Ave	0.2492	0.2674		10700	10000	7.3	20.0
Atrazine	Ave	0.1993	0.1943		9750	10000	-2.5	20.0
Pentachlorophenol	Ave	0.1549	0.1541		9950	10000	-0.5	20.0
Pentachloronitrobenzene	Ave	0.1289	0.1166		9040	10000	-9.6	
n-Octadecane	Ave	0.6316	0.6397		10100	10000	1.3	20.0
Phenanthrene	Ave	1.051	1.041		9910	10000	-0.9	20.0
Anthracene	Ave	1.074	1.052		9800	10000	-2.0	20.0
Carbazole	Ave	0.8987	0.8853		9850	10000	-1.5	20.0
Di-n-butyl phthalate	Ave	1.327	1.273		9590	10000	-4.1	20.0
Fluoranthene	Ave	1.054	1.102		10500	10000	4.5	20.0
Benzidine	Ave	0.1961	0.1744		8890	10000	-11.1	20.0
Pyrene	Ave	1.660	1.491		8980	10000	-10.2	20.0
Butyl benzyl phthalate	Ave	0.8090	0.7347		9080	10000	-9.2	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1096	0.1752		160	100	59.9*	20.0
Carbamazepine	Ave	0.4935	0.5078		10300	10000	2.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182076/2 Calibration Date: 09/19/2013 04:43

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: M69558.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	0.4069		10400	10000	4.3	20.0
Benzo[a]anthracene	Ave	1.242	1.219		9810	10000	-1.9	20.0
Chrysene	Ave	1.133	1.077		9510	10000	-4.9	20.0
Bis(2-ethylhexyl) phthalate	Ave	1.067	0.9866		9250	10000	-7.5	20.0
Di-n-octyl phthalate	Ave	1.849	1.815		9820	10000	-1.8	20.0
Benzo[b]fluoranthene	Ave	1.090	1.066		9790	10000	-2.1	20.0
Benzo[k]fluoranthene	Ave	1.116	1.215		10900	10000	8.9	20.0
Benzo[a]pyrene	Ave	0.9873	1.012		10200	10000	2.5	20.0
Indeno[1,2,3-cd]pyrene	Qua		0.9427		9470	10000	-5.3	20.0
Dibenz(a,h)anthracene	Qua		0.998		9850	10000	-1.5	20.0
Benzo[g,h,i]perylene	Qua		0.9862		9360	10000	-6.4	20.0
2-Fluorophenol	Ave	1.382	1.411		10200	10000	2.1	20.0
Phenol-d5	Ave	1.674	1.696		10100	10000	1.3	20.0
Nitrobenzene-d5	Ave	0.5841	0.5387		9220	10000	-7.8	20.0
2-Fluorobiphenyl	Ave	1.365	1.380		10100	10000	1.1	20.0
2,4,6-Tribromophenol	Ave	0.1897	0.1744		9190	10000	-8.1	20.0
Terphenyl-d14	Ave	1.053	0.9167		8710	10000	-12.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182381/2 Calibration Date: 09/20/2013 14:23

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: M69615.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	0.5307		7520	10000	-24.8*	20.0
N-Nitrosodimethylamine	Ave	0.9675	0.8030		8300	10000	-17.0	20.0
Pyridine	Ave	1.403	1.250		8910	10000	-10.9	20.0
Benzaldehyde	Qua		0.8573		10200	10000	2.4	20.0
Aniline	Ave	1.735	1.558		8980	10000	-10.2	20.0
Phenol	Ave	1.724	1.628		9440	10000	-5.6	20.0
Bis(2-chloroethyl)ether	Ave	1.408	1.260		8950	10000	-10.5	20.0
2-Chlorophenol	Ave	1.298	1.299		10000	10000	0.0	20.0
Decane	Ave	1.700	1.464		8610	10000	-13.9	20.0
1,3-Dichlorobenzene	Ave	1.456	1.352		9280	10000	-7.2	20.0
1,4-Dichlorobenzene	Ave	1.454	1.411		9710	10000	-2.9	20.0
1,2-Dichlorobenzene	Ave	1.396	1.304		9340	10000	-6.6	20.0
Benzyl alcohol	Ave	0.7957	0.7696		9670	10000	-3.3	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.139	1.867		8730	10000	-12.7	20.0
2-Methylphenol	Ave	1.210	1.193		9860	10000	-1.4	20.0
Acetophenone	Ave	1.961	1.674		8540	10000	-14.6	20.0
N-Nitrosodi-n-propylamine	Ave	1.234	0.9751	0.0500	7900	10000	-21.0*	20.0
3 & 4 Methylphenol	Ave	1.253	1.227		9790	10000	-2.1	20.0
4-Methylphenol	Ave	1.212	1.207		9960	10000	-0.4	20.0
Hexachloroethane	Ave	0.8092	0.7255		8970	10000	-10.3	20.0
n,n'-Dimethylaniline	Ave	1.808	1.588		8790	10000	-12.1	20.0
Nitrobenzene	Ave	0.8145	0.6826		8380	10000	-16.2	20.0
Isophorone	Ave	0.8496	0.7937		9340	10000	-6.6	20.0
2-Nitrophenol	Ave	0.2473	0.2440		9870	10000	-1.3	20.0
2,4-Dimethylphenol	Ave	0.3391	0.3485		10300	10000	2.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.4579	0.4355		9510	10000	-4.9	20.0
2,4-Dichlorophenol	Ave	0.3453	0.3526		10200	10000	2.1	20.0
Benzoic acid	Lin2		0.1350		7430	10000	-25.7*	20.0
1,2,4-Trichlorobenzene	Ave	0.4119	0.4060		9860	10000	-1.4	20.0
Naphthalene	Ave	1.023	1.016		9930	10000	-0.7	20.0
4-Chloroaniline	Ave	0.4069	0.3897		9580	10000	-4.2	20.0
Hexachlorobutadiene	Ave	0.2597	0.2651		10200	10000	2.1	20.0
Caprolactam	Ave	0.0851	0.0948		11100	10000	11.4	20.0
4-Chloro-3-methylphenol	Ave	0.3626	0.3482		9600	10000	-4.0	20.0
2-Methylnaphthalene	Ave	0.6606	0.6433		9740	10000	-2.6	20.0
1-Methylnaphthalene	Ave	0.6945	0.6878		9900	10000	-1.0	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7289	0.7437		10200	10000	2.0	20.0
Hexachlorocyclopentadiene	Ave	0.4550	0.4291	0.0500	9430	10000	-5.7	20.0
2-tertbutyl-4-methylphenol	Ave	0.4926	0.4992		10100	10000	1.3	20.0
2,4,6-Trichlorophenol	Ave	0.4208	0.4511		10700	10000	7.2	20.0
2,4,5-Trichlorophenol	Ave	0.4501	0.4930		11000	10000	9.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182381/2 Calibration Date: 09/20/2013 14:23

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: M69615.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.438	1.416		9850	10000	-1.5	20.0
2-Chloronaphthalene	Ave	1.195	1.187		9930	10000	-0.7	20.0
Diphenyl ether	Ave	0.8331	0.7917		9500	10000	-5.0	20.0
2-Nitroaniline	Ave	0.6207	0.4398		7090	10000	-29.1*	20.0
Dimethylnaphthalene, total	Ave	0.9316	0.9322		10000	10000	0.0	20.0
Coumarin	Ave	0.2086	0.2247		10800	10000	7.7	20.0
Dimethyl phthalate	Ave	1.307	1.267		9690	10000	-3.1	20.0
2,6-Dinitrotoluene	Ave	0.3215	0.3273		10200	10000	1.8	20.0
Acenaphthylene	Ave	1.719	1.613		9380	10000	-6.2	20.0
3-Nitroaniline	Ave	0.2752	0.2930		10600	10000	6.5	20.0
Acenaphthene	Ave	1.041	0.996		9570	10000	-4.3	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.025	1.037		10100	10000	1.2	20.0
2,4-Dinitrophenol	Lin2		0.1750	0.0500	9950	10000	-0.5	20.0
4-Nitrophenol	Lin2		0.2644	0.0500	8900	10000	-11.0	20.0
Dibenzofuran	Ave	1.539	1.474		9580	10000	-4.2	20.0
2,4-Dinitrotoluene	Ave	0.4057	0.4156		10200	10000	2.5	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3102	0.3517		11300	10000	13.4	20.0
Diethyl phthalate	Ave	1.281	1.241		9690	10000	-3.1	20.0
Fluorene	Ave	1.235	1.183		9580	10000	-4.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.6424	0.6803		10600	10000	5.9	20.0
4-Nitroaniline	Ave	0.2371	0.2537		10700	10000	7.0	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1552	0.1723		11100	10000	11.1	20.0
N-Nitrosodiphenylamine	Ave	0.5778	0.5441		9420	10000	-5.8	20.0
1,2-Diphenylhydrazine	Ave	1.052	0.8751		8320	10000	-16.8	20.0
4-Bromophenyl phenyl ether	Ave	0.2416	0.2372		9820	10000	-1.8	20.0
Hexachlorobenzene	Ave	0.2492	0.2984		12000	10000	19.7	20.0
Atrazine	Ave	0.1993	0.1913		9600	10000	-4.0	20.0
Pentachlorophenol	Ave	0.1549	0.1856		12000	10000	19.8	20.0
Pentachloronitrobenzene	Ave	0.1289	0.1192		9250	10000	-7.5	
n-Octadecane	Ave	0.6316	0.5319		8420	10000	-15.8	20.0
Phenanthrene	Ave	1.051	1.017		9680	10000	-3.2	20.0
Anthracene	Ave	1.074	1.028		9570	10000	-4.3	20.0
Carbazole	Ave	0.8987	0.8225		9150	10000	-8.5	20.0
Di-n-butyl phthalate	Ave	1.327	1.184		8920	10000	-10.8	20.0
Fluoranthene	Ave	1.054	1.056		10000	10000	0.2	20.0
Benzidine	Ave	0.1961	0.1785		9100	10000	-9.0	20.0
Pyrene	Ave	1.660	1.458		8780	10000	-12.2	20.0
Butyl benzyl phthalate	Ave	0.8090	0.6740		8330	10000	-16.7	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1096	0.1631		149	100	48.8*	20.0
Carbamazepine	Ave	0.4935	0.4386		8890	10000	-11.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCVIS 460-182381/2 Calibration Date: 09/20/2013 14:23

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: M69615.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	0.4156		10700	10000	6.5	20.0
Benzo[a]anthracene	Ave	1.242	1.172		9440	10000	-5.6	20.0
Chrysene	Ave	1.133	1.039		9170	10000	-8.3	20.0
Bis(2-ethylhexyl) phthalate	Ave	1.067	0.8668		8120	10000	-18.8	20.0
Di-n-octyl phthalate	Ave	1.849	1.623		8770	10000	-12.3	20.0
Benzo[b]fluoranthene	Ave	1.090	1.103		10100	10000	1.2	20.0
Benzo[k]fluoranthene	Ave	1.116	1.188		10600	10000	6.4	20.0
Benzo[a]pyrene	Ave	0.9873	1.011		10200	10000	2.4	20.0
Indeno[1,2,3-cd]pyrene	Qua		1.025		10100	10000	1.3	20.0
Dibenz(a,h)anthracene	Qua		1.000		9860	10000	-1.4	20.0
Benzo[g,h,i]perylene	Qua		1.063		9960	10000	-0.4	20.0
2-Fluorophenol	Ave	1.382	1.320		9550	10000	-4.5	20.0
Phenol-d5	Ave	1.674	1.548		9240	10000	-7.6	20.0
Nitrobenzene-d5	Ave	0.5841	0.5245		8980	10000	-10.2	20.0
2-Fluorobiphenyl	Ave	1.365	1.338		9800	10000	-2.0	20.0
2,4,6-Tribromophenol	Ave	0.1897	0.2471		13000	10000	30.3*	20.0
Terphenyl-d14	Ave	1.053	0.9675		9190	10000	-8.1	20.0

Data File: /chem/BNAMS11.i/8270/09-06-13/06sep13.b/z26648.d
Report Date: 06-Sep-2013 18:10

TestAmerica

Data file : /chem/BNAMS11.i/8270/09-06-13/06sep13.b/z26648.d
Lab Smp Id: DFTPP-2358389
Inj Date : 06-SEP-2013 15:33
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-2358389
Misc Info : 25 ppm bna 4807
Comment :
Method : /chem/BNAMS11.i/8270/09-06-13/06sep13.b/BNADFTPP.m
Meth Date : 23-Aug-2013 12:14 czhao Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.328	4.690	-0.362	198	23115			0.00- 100.00	100.00
4.328	4.690	-0.362	51	10014			30.00- 60.00	43.32
4.328	4.690	-0.362	68	186			0.00- 2.00	1.83
4.328	4.690	-0.362	69	10142			0.00- 0.00	43.88
4.328	4.690	-0.362	70	130			0.00- 2.00	1.28
4.328	4.690	-0.362	127	11330			40.00- 60.00	49.02
4.328	4.690	-0.362	197	179			0.00- 1.00	0.77
4.328	4.690	-0.362	199	1699			5.00- 9.00	7.35
4.328	4.690	-0.362	275	6019			10.00- 30.00	26.04
4.328	4.690	-0.362	365	1003			1.00- 0.00	4.34
4.328	4.690	-0.362	441	2033			0.01- 100.00	75.55
4.328	4.690	-0.362	442	14188			40.00- 110.00	61.38
4.328	4.690	-0.362	443	2691			17.00- 23.00	18.97

Data File: z26648.d

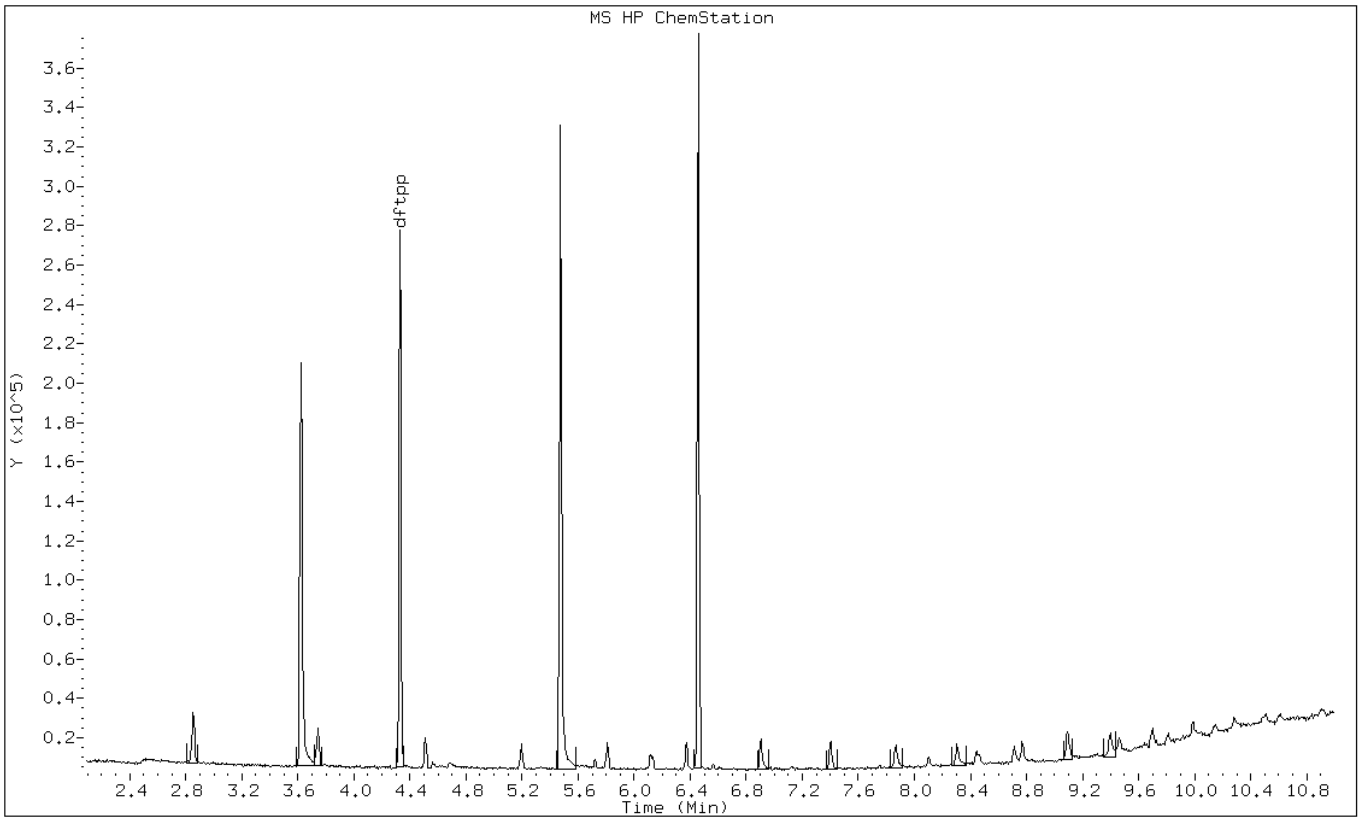
Date: 06-SEP-2013 15:33

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-2358389

Operator: BNA2



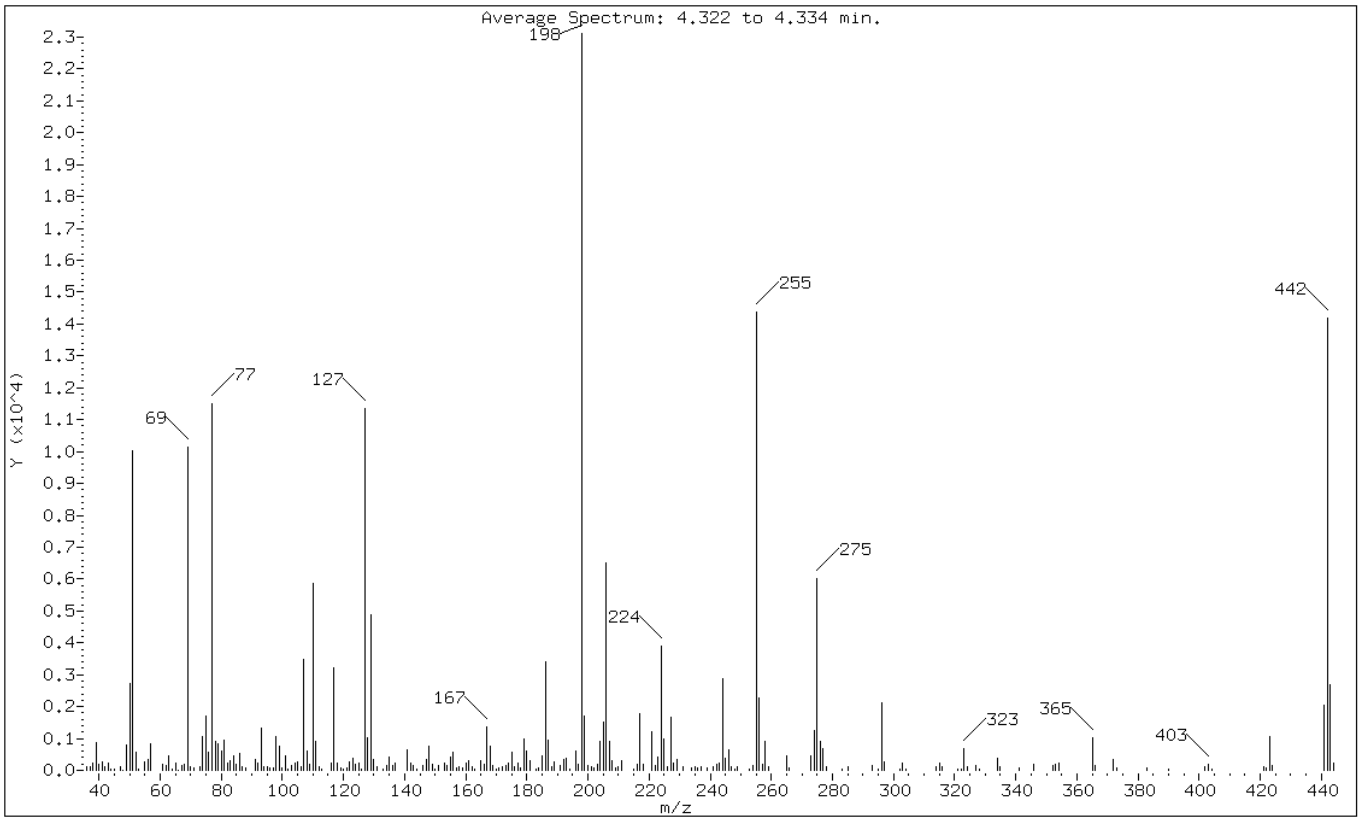
Data File: z26648.d

Date: 06-SEP-2013 15:33

Client ID: Instrument: BNAMS11.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	43.32
68	Less than 2.00% of mass 69	0.80 (1.83)
69	Mass 69 relative abundance	43.88
70	Less than 2.00% of mass 69	0.56 (1.28)
127	40.00 - 60.00% of mass 198	49.02
197	Less than 1.00% of mass 198	0.77
199	5.00 - 9.00% of mass 198	7.35
275	10.00 - 30.00% of mass 198	26.04
365	Greater than 1.00% of mass 198	4.34
441	0.01 - 100.00% of mass 443	8.80 (75.55)
442	40.00 - 110.00% of mass 198	61.38
443	17.00 - 23.00% of mass 442	11.64 (18.97)

Data File: z26648.d

Date: 06-SEP-2013 15:33

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-2358389 Operator: BNA2

Data File: /chem/BNAMS11.i/8270/09-06-13/06sep13.b/z26648.d
Spectrum: Average Spectrum: 4.322 to 4.334 min.
Location of Maximum: 198.00
Number of points: 241

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	126	105.00	279	175.00	558	249.00	119
37.00	96	106.00	121	176.00	120	253.00	45
38.00	220	107.00	3479	177.00	221	254.00	154
39.00	878	108.00	604	178.00	67	255.00	14368
40.00	205	109.00	179	179.00	965	256.00	2275
41.00	274	110.00	5858	180.00	612	257.00	176
42.00	104	111.00	909	181.00	316	258.00	924
43.00	215	112.00	98	183.00	19	259.00	132
44.00	49	113.00	21	184.00	81	265.00	441
45.00	21	116.00	209	185.00	456	266.00	90
47.00	128	117.00	3203	186.00	3389	273.00	459
48.00	18	118.00	238	187.00	954	274.00	1241
49.00	803	119.00	77	188.00	130	275.00	6019
50.00	2730	120.00	54	189.00	263	276.00	920
51.00	10014	121.00	64	191.00	167	277.00	679
52.00	559	122.00	265	192.00	329	278.00	119
53.00	32	123.00	392	193.00	371	283.00	40
55.00	251	124.00	191	194.00	49	285.00	101
56.00	341	125.00	214	196.00	614	293.00	164
57.00	826	126.00	30	197.00	179	295.00	23
61.00	178	127.00	11330	198.00	23112	296.00	2115
62.00	145	128.00	1006	199.00	1699	297.00	252
63.00	450	129.00	4874	200.00	140	302.00	30
64.00	45	130.00	323	201.00	114	303.00	242
65.00	216	131.00	100	202.00	57	304.00	43
66.00	16	133.00	41	203.00	191	314.00	115
67.00	141	134.00	140	204.00	912	315.00	242
68.00	186	135.00	419	205.00	1514	316.00	117
69.00	10142	136.00	146	206.00	6521	321.00	43
70.00	130	137.00	233	207.00	918	322.00	20
71.00	80	141.00	643	208.00	314	323.00	677
73.00	114	142.00	227	209.00	84	324.00	104
74.00	1042	143.00	134	210.00	112	327.00	142
75.00	1686	144.00	35	211.00	317	328.00	46
76.00	549	146.00	151	215.00	55	334.00	397
77.00	11492	147.00	342	216.00	197	335.00	107
78.00	903	148.00	749	217.00	1779	341.00	81
79.00	840	149.00	200	218.00	195	346.00	173
80.00	624	150.00	27	221.00	1224	352.00	134
81.00	933	151.00	160	222.00	133	353.00	178

82.00	223	153.00	239	223.00	404	354.00	220
83.00	287	154.00	145	224.00	3902	365.00	1003
84.00	460	155.00	409	225.00	973	366.00	167
85.00	171	156.00	568	226.00	116	372.00	359
86.00	532	157.00	93	227.00	1681	373.00	77
87.00	122	158.00	112	228.00	227	383.00	69
88.00	82	159.00	93	229.00	333	390.00	31
91.00	329	160.00	214	231.00	130	402.00	127
92.00	231	161.00	307	234.00	88	403.00	182
93.00	1342	162.00	118	235.00	122	404.00	54
94.00	125	163.00	46	236.00	94	421.00	128
95.00	101	165.00	305	237.00	116	422.00	84
96.00	81	166.00	200	239.00	92	423.00	1046
97.00	92	167.00	1360	241.00	98	424.00	158
98.00	1074	168.00	741	242.00	200	441.00	2033
99.00	760	169.00	139	243.00	227	442.00	14188
100.00	65	170.00	44	244.00	2888	443.00	2691
101.00	454	171.00	62	245.00	397	444.00	235
102.00	20	172.00	103	246.00	632		
103.00	155	173.00	139	247.00	116		
104.00	241	174.00	230	248.00	36		

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3103.d
Report Date: 15-Sep-2013 18:15

TestAmerica

Data file : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3103.d
Lab Smp Id: DFTPP-2358389
Inj Date : 15-SEP-2013 18:02
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-2358389
Misc Info : 25 ppm bna 4807
Comment :
Method : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/BNADFTPP.m
Meth Date : 11-Sep-2013 11:07 ranav 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
Processing Host: hpd1

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.098	4.204	-0.106	198	46242			0.00- 100.00	100.00
4.098	4.204	-0.106	51	18517			30.00- 60.00	40.04
4.098	4.204	-0.106	68	250			0.00- 2.00	1.43
4.098	4.204	-0.106	69	17517			0.00- 0.00	37.88
4.098	4.204	-0.106	70	113			0.00- 2.00	0.65
4.098	4.204	-0.106	127	22059			40.00- 60.00	47.70
4.098	4.204	-0.106	197	327			0.00- 1.00	0.71
4.098	4.204	-0.106	199	3224			5.00- 9.00	6.97
4.098	4.204	-0.106	275	11845			10.00- 30.00	25.62
4.098	4.204	-0.106	365	1940			1.00- 0.00	4.20
4.098	4.204	-0.106	441	4147			0.01- 100.00	73.57
4.098	4.204	-0.106	442	29032			40.00- 110.00	62.78
4.098	4.204	-0.106	443	5637			17.00- 23.00	19.42

Data File: z3103.d

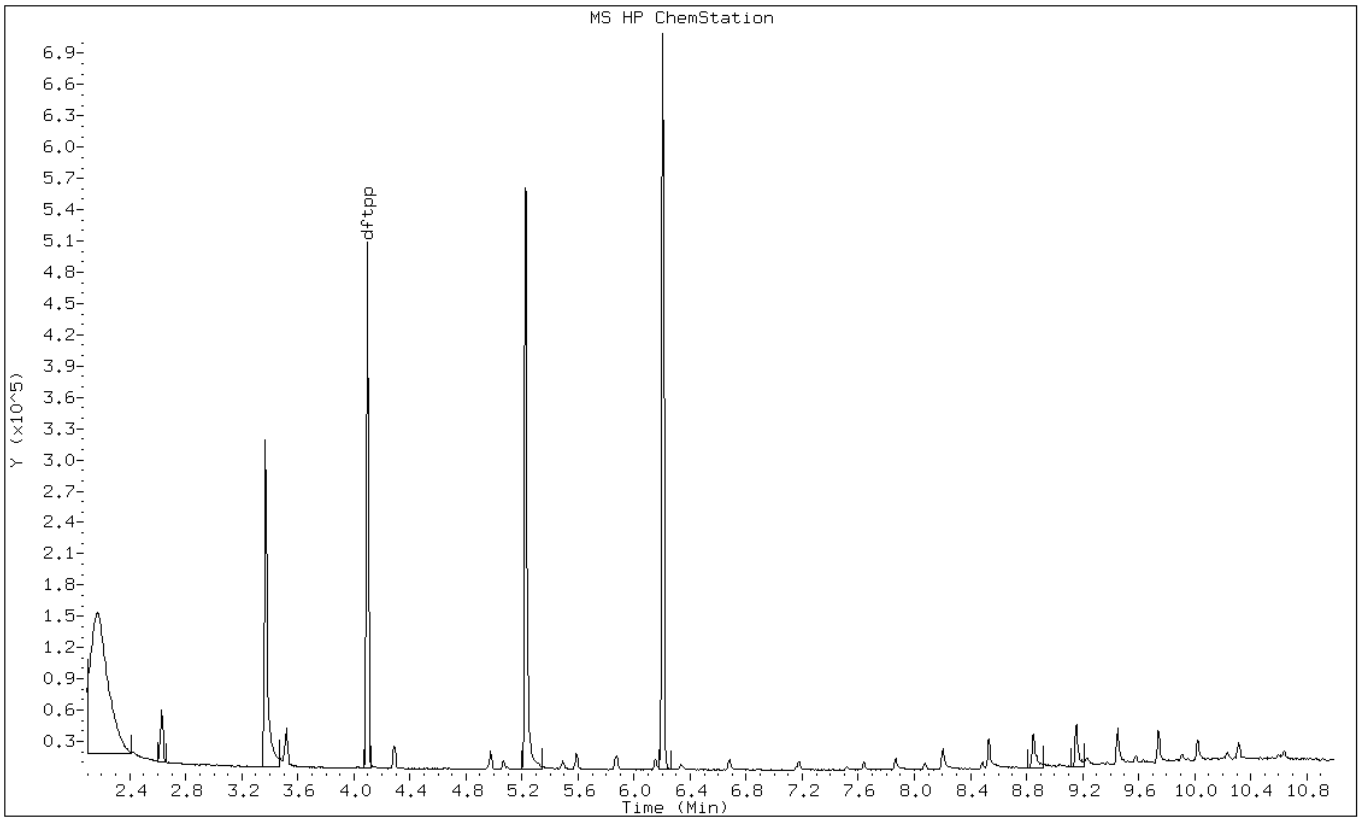
Date: 15-SEP-2013 18:02

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-2358389

Operator: BNA2



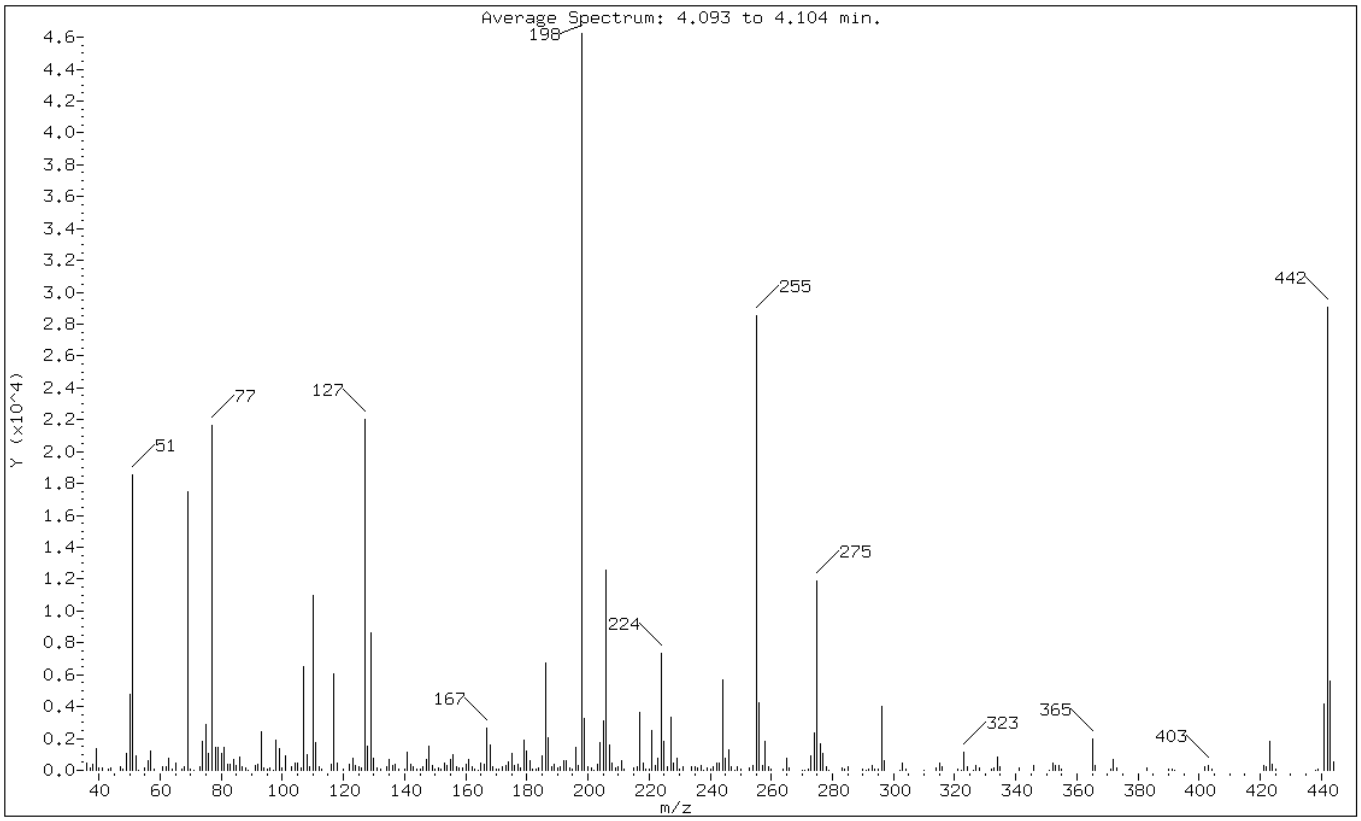
Data File: z3103.d

Date: 15-SEP-2013 18:02

Client ID: Instrument: BNAMS11.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	40.04
68	Less than 2.00% of mass 69	0.54 (1.43)
69	Mass 69 relative abundance	37.88
70	Less than 2.00% of mass 69	0.24 (0.65)
127	40.00 - 60.00% of mass 198	47.70
197	Less than 1.00% of mass 198	0.71
199	5.00 - 9.00% of mass 198	6.97
275	10.00 - 30.00% of mass 198	25.62
365	Greater than 1.00% of mass 198	4.20
441	0.01 - 100.00% of mass 443	8.97 (73.57)
442	40.00 - 110.00% of mass 198	62.78
443	17.00 - 23.00% of mass 442	12.19 (19.42)

Data File: z3103.d

Date: 15-SEP-2013 18:02

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-2358389 Operator: BNA2

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3103.d
Spectrum: Average Spectrum: 4.093 to 4.104 min.
Location of Maximum: 198.00
Number of points: 275

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	487	117.00	6022	190.00	125	271.00	18
37.00	139	118.00	482	191.00	239	272.00	82
38.00	415	120.00	113	192.00	594	273.00	871
39.00	1373	122.00	381	193.00	639	274.00	2367
40.00	186	123.00	724	194.00	174	275.00	11845
41.00	155	124.00	281	195.00	64	276.00	1696
43.00	75	125.00	256	196.00	1402	277.00	1083
44.00	129	126.00	119	197.00	327	278.00	210
47.00	200	127.00	22056	198.00	46240	279.00	17
48.00	107	128.00	1525	199.00	3224	283.00	167
49.00	1038	129.00	8664	200.00	214	284.00	80
50.00	4783	130.00	768	201.00	150	285.00	236
51.00	18512	131.00	187	202.00	21	290.00	48
52.00	944	132.00	61	203.00	357	291.00	19
53.00	35	134.00	233	204.00	1760	292.00	53
55.00	118	135.00	714	205.00	3125	293.00	314
56.00	591	136.00	327	206.00	12591	294.00	61
57.00	1227	137.00	385	207.00	1627	295.00	84
58.00	76	138.00	87	208.00	457	296.00	3975
61.00	207	140.00	101	209.00	131	297.00	580
62.00	262	141.00	1153	210.00	262	302.00	17
63.00	764	142.00	346	211.00	614	303.00	452
64.00	111	143.00	262	212.00	54	304.00	102
65.00	420	144.00	60	215.00	130	310.00	16
67.00	49	145.00	62	216.00	234	314.00	180
68.00	250	146.00	245	217.00	3595	315.00	465
69.00	17512	147.00	645	218.00	485	316.00	242
70.00	113	148.00	1530	219.00	43	321.00	109
71.00	22	149.00	328	220.00	88	322.00	24
73.00	190	150.00	55	221.00	2483	323.00	1167
74.00	1805	151.00	137	222.00	319	324.00	233
75.00	2873	152.00	73	223.00	761	326.00	18
76.00	1095	153.00	431	224.00	7353	327.00	288
77.00	21632	154.00	272	225.00	1801	328.00	167
78.00	1467	155.00	709	226.00	211	332.00	88
79.00	1410	156.00	1016	227.00	3303	333.00	137
80.00	1038	157.00	201	228.00	457	334.00	799
81.00	1415	158.00	169	229.00	767	335.00	230
82.00	382	159.00	158	230.00	90	341.00	136
83.00	407	160.00	355	231.00	222	346.00	323

84.00	697	161.00	651	234.00	194	351.00	16
85.00	275	162.00	213	235.00	223	352.00	435
86.00	823	163.00	51	236.00	152	353.00	291
87.00	231	164.00	17	237.00	292	354.00	338
88.00	165	165.00	460	238.00	20	355.00	79
89.00	18	166.00	345	239.00	139	365.00	1940
91.00	290	167.00	2623	240.00	59	366.00	293
92.00	368	168.00	1563	241.00	191	371.00	79
93.00	2443	169.00	243	242.00	424	372.00	662
94.00	176	170.00	77	243.00	420	373.00	153
95.00	89	171.00	58	244.00	5648	383.00	187
96.00	133	172.00	239	245.00	736	390.00	83
97.00	20	173.00	273	246.00	1255	391.00	48
98.00	1909	174.00	557	247.00	231	392.00	22
99.00	1359	175.00	1022	248.00	18	402.00	243
100.00	132	176.00	313	249.00	230	403.00	337
101.00	897	177.00	353	250.00	40	404.00	108
103.00	240	178.00	137	253.00	149	421.00	303
104.00	456	179.00	1875	254.00	272	422.00	246
105.00	488	180.00	1178	255.00	28544	423.00	1813
106.00	177	181.00	570	256.00	4216	424.00	374
107.00	6483	182.00	85	257.00	332	425.00	39
108.00	960	183.00	65	258.00	1831	438.00	18
109.00	208	184.00	155	259.00	238	439.00	44
110.00	11008	185.00	903	260.00	50	441.00	4147
111.00	1703	186.00	6728	264.00	49	442.00	29032
112.00	212	187.00	2061	265.00	769	443.00	5637
113.00	56	188.00	197	266.00	125	444.00	500
116.00	346	189.00	410	270.00	21		

Data File: /chem/BNAMS11.i/8270/09-06-13/16sep13c.b/z3164.d
Report Date: 16-Sep-2013 23:58

TestAmerica

Data file : /chem/BNAMS11.i/8270/09-06-13/16sep13c.b/z3164.d
Lab Smp Id: DFTPP-2358389
Inj Date : 16-SEP-2013 23:45
Operator : BNAMS3 Inst ID: BNAMS11.i
Smp Info : DFTPP-2358389
Misc Info : 25 ppm bna 4807
Comment :
Method : /chem/BNAMS11.i/8270/09-06-13/16sep13c.b/BNADFTPP.m
Meth Date : 11-Sep-2013 11:07 ranav Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

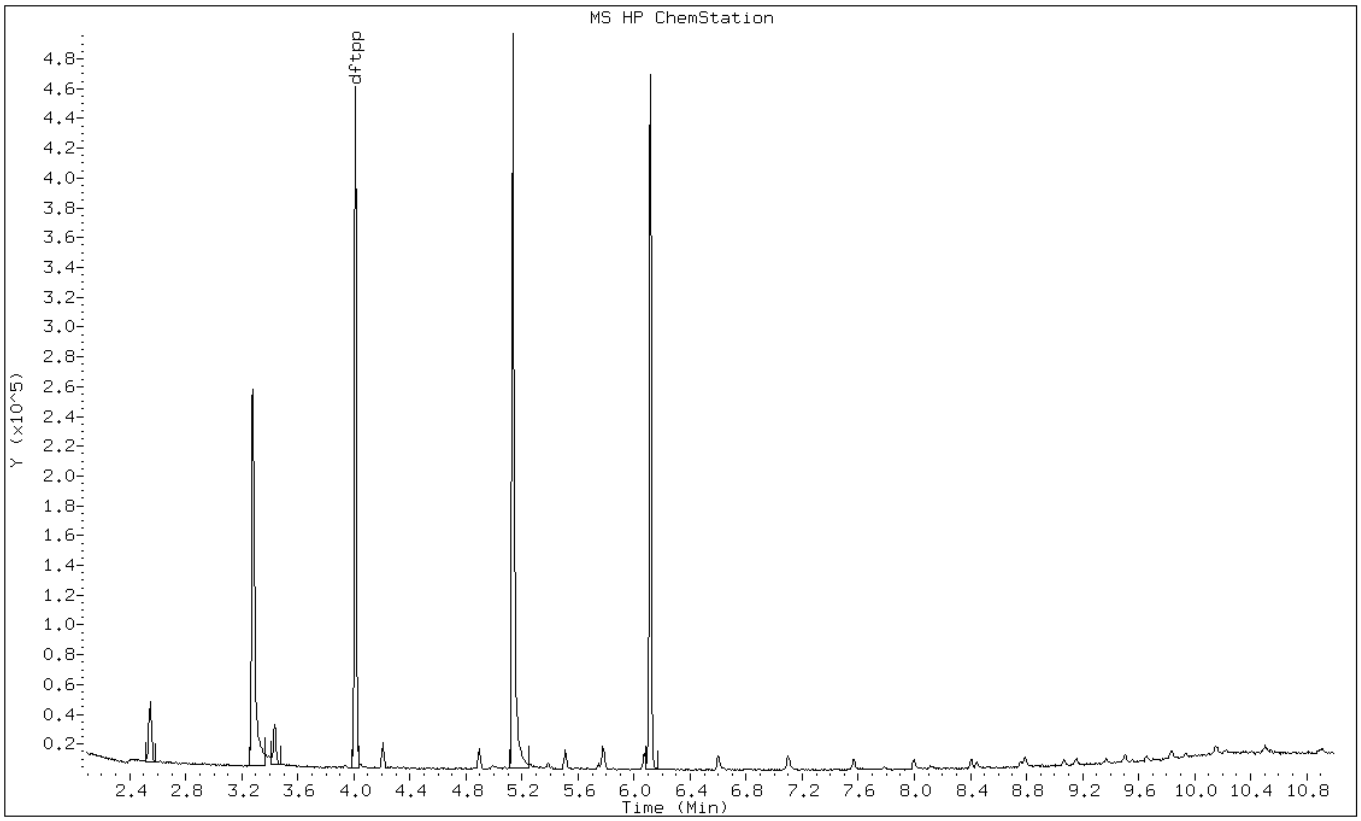
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	======	========	====	========	=======	=======	============	=====
1 dftpp						CAS #:		
4.010	4.204	-0.194	198	40834			0.00- 100.00	100.00
4.010	4.204	-0.194	51	16476			30.00- 60.00	40.35
4.010	4.204	-0.194	68	289			0.00- 2.00	1.80
4.010	4.204	-0.194	69	16039			0.00- 0.00	39.28
4.010	4.204	-0.194	70	142			0.00- 2.00	0.89
4.010	4.204	-0.194	127	20194			40.00- 60.00	49.45
4.010	4.204	-0.194	197	322			0.00- 1.00	0.79
4.010	4.204	-0.194	199	2800			5.00- 9.00	6.86
4.010	4.204	-0.194	275	10464			10.00- 30.00	25.63
4.010	4.204	-0.194	365	1521			1.00- 0.00	3.72
4.010	4.204	-0.194	441	3151			0.01- 100.00	68.28
4.010	4.204	-0.194	442	23158			40.00- 110.00	56.71
4.010	4.204	-0.194	443	4615			17.00- 23.00	19.93

Data File: z3164.d

Date: 16-SEP-2013 23:45

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-2358389 Operator: BNAMS3



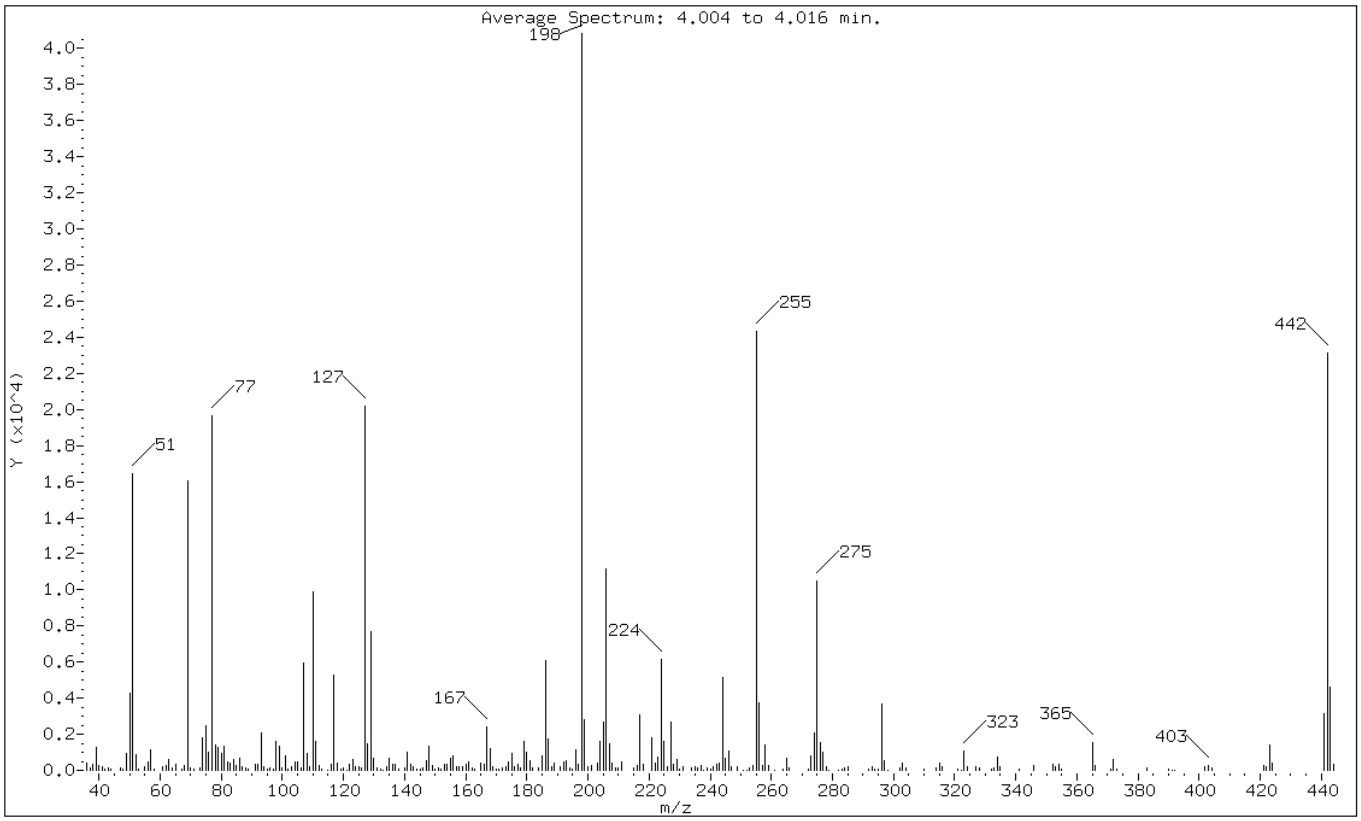
Data File: z3164.d

Date: 16-SEP-2013 23:45

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	40.35
68	Less than 2.00% of mass 69	0.71 (1.80)
69	Mass 69 relative abundance	39.28
70	Less than 2.00% of mass 69	0.35 (0.89)
127	40.00 - 60.00% of mass 198	49.45
197	Less than 1.00% of mass 198	0.79
199	5.00 - 9.00% of mass 198	6.86
275	10.00 - 30.00% of mass 198	25.63
365	Greater than 1.00% of mass 198	3.72
441	0.01 - 100.00% of mass 443	7.72 (68.28)
442	40.00 - 110.00% of mass 198	56.71
443	17.00 - 23.00% of mass 442	11.30 (19.93)

Data File: z3164.d

Date: 16-SEP-2013 23:45

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-2358389 Operator: BNAMS3

Data File: /chem/BNAMS11.i/8270/09-06-13/16sep13c.b/z3164.d
Spectrum: Average Spectrum: 4.004 to 4.016 min.
Location of Maximum: 198.00
Number of points: 267

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	415	111.00	1627	181.00	543	261.00	23
37.00	135	112.00	246	182.00	111	264.00	68
38.00	340	113.00	48	184.00	125	265.00	648
39.00	1259	115.00	19	185.00	770	266.00	129
40.00	245	116.00	347	186.00	6080	272.00	96
41.00	216	117.00	5307	187.00	1730	273.00	770
42.00	67	118.00	415	188.00	170	274.00	2046
43.00	160	119.00	70	189.00	368	275.00	10464
44.00	93	120.00	135	191.00	174	276.00	1514
47.00	121	121.00	23	192.00	474	277.00	1025
48.00	82	122.00	348	193.00	565	278.00	177
49.00	935	123.00	571	194.00	134	279.00	17
50.00	4273	124.00	213	195.00	86	282.00	17
51.00	16472	125.00	227	196.00	1164	283.00	92
52.00	897	126.00	115	197.00	322	284.00	116
53.00	72	127.00	20192	198.00	40832	285.00	177
55.00	170	128.00	1477	199.00	2800	292.00	34
56.00	469	129.00	7701	200.00	224	293.00	231
57.00	1153	130.00	666	201.00	257	294.00	81
58.00	40	131.00	138	203.00	380	295.00	78
61.00	169	132.00	46	204.00	1574	296.00	3676
62.00	259	133.00	24	205.00	2652	297.00	540
63.00	607	134.00	171	206.00	11185	298.00	17
64.00	115	135.00	655	207.00	1478	302.00	114
65.00	309	136.00	312	208.00	388	303.00	379
67.00	84	137.00	344	209.00	135	304.00	102
68.00	289	138.00	67	210.00	150	310.00	61
69.00	16039	140.00	105	211.00	486	314.00	152
70.00	142	141.00	1015	215.00	130	315.00	373
71.00	42	142.00	312	216.00	277	316.00	215
73.00	158	143.00	179	217.00	3079	321.00	93
74.00	1824	144.00	43	218.00	363	322.00	19
75.00	2471	145.00	85	221.00	1821	323.00	1040
76.00	1007	146.00	166	222.00	395	324.00	216
77.00	19656	147.00	508	223.00	720	327.00	215
78.00	1411	148.00	1345	224.00	6116	328.00	105
79.00	1238	149.00	234	225.00	1575	332.00	71
80.00	942	150.00	64	226.00	212	333.00	121
81.00	1364	151.00	142	227.00	2670	334.00	721
82.00	478	152.00	85	228.00	307	335.00	203

83.00	372	153.00	309	229.00	589	341.00	95
84.00	619	154.00	316	230.00	92	346.00	264
85.00	252	155.00	637	231.00	199	352.00	354
86.00	677	156.00	798	234.00	131	353.00	199
87.00	196	157.00	181	235.00	210	354.00	352
88.00	150	158.00	194	236.00	151	355.00	48
89.00	69	159.00	170	237.00	276	365.00	1521
91.00	359	160.00	362	238.00	17	366.00	269
92.00	328	161.00	477	239.00	114	371.00	80
93.00	2096	162.00	136	240.00	85	372.00	607
94.00	180	163.00	38	241.00	189	373.00	99
95.00	49	165.00	373	242.00	351	383.00	129
96.00	140	166.00	309	243.00	391	390.00	96
97.00	61	167.00	2412	244.00	5177	391.00	24
98.00	1614	168.00	1203	245.00	663	392.00	20
99.00	1321	169.00	211	246.00	1037	402.00	231
100.00	109	170.00	48	247.00	198	403.00	255
101.00	801	171.00	94	249.00	176	404.00	109
102.00	44	172.00	114	251.00	30	421.00	249
103.00	174	173.00	226	252.00	28	422.00	200
104.00	490	174.00	454	253.00	113	423.00	1398
105.00	466	175.00	904	254.00	261	424.00	384
106.00	158	176.00	216	255.00	24328	441.00	3151
107.00	5940	177.00	345	256.00	3772	442.00	23152
108.00	914	178.00	133	257.00	254	443.00	4615
109.00	219	179.00	1633	258.00	1403	444.00	339
110.00	9901	180.00	986	259.00	260		

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

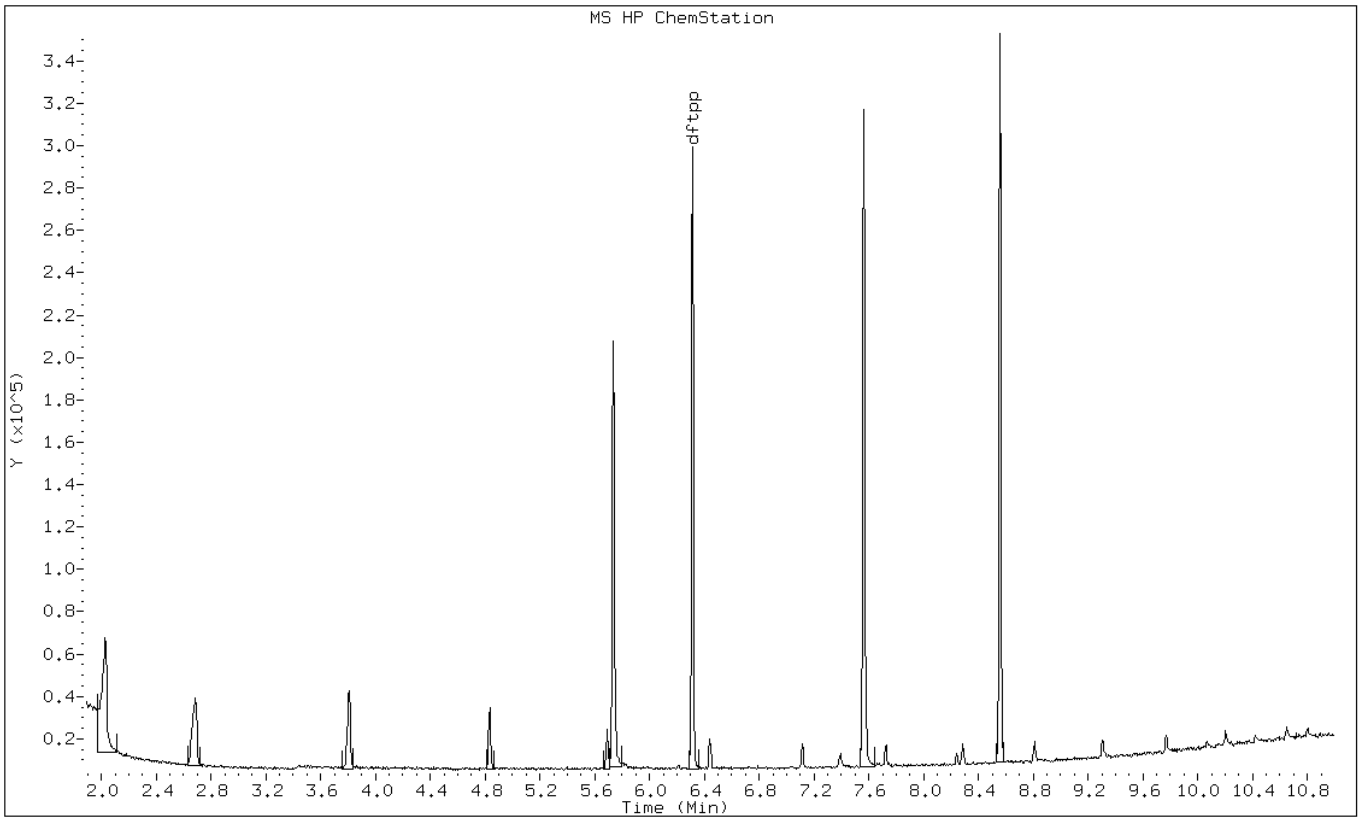
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
6.316	6.100	0.216	198	22183			0.00- 100.00	100.00
6.316	6.100	0.216	51	11907			30.00- 60.00	53.68
6.316	6.100	0.216	68	211			0.00- 2.00	1.86
6.316	6.100	0.216	69	11332			0.00- 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



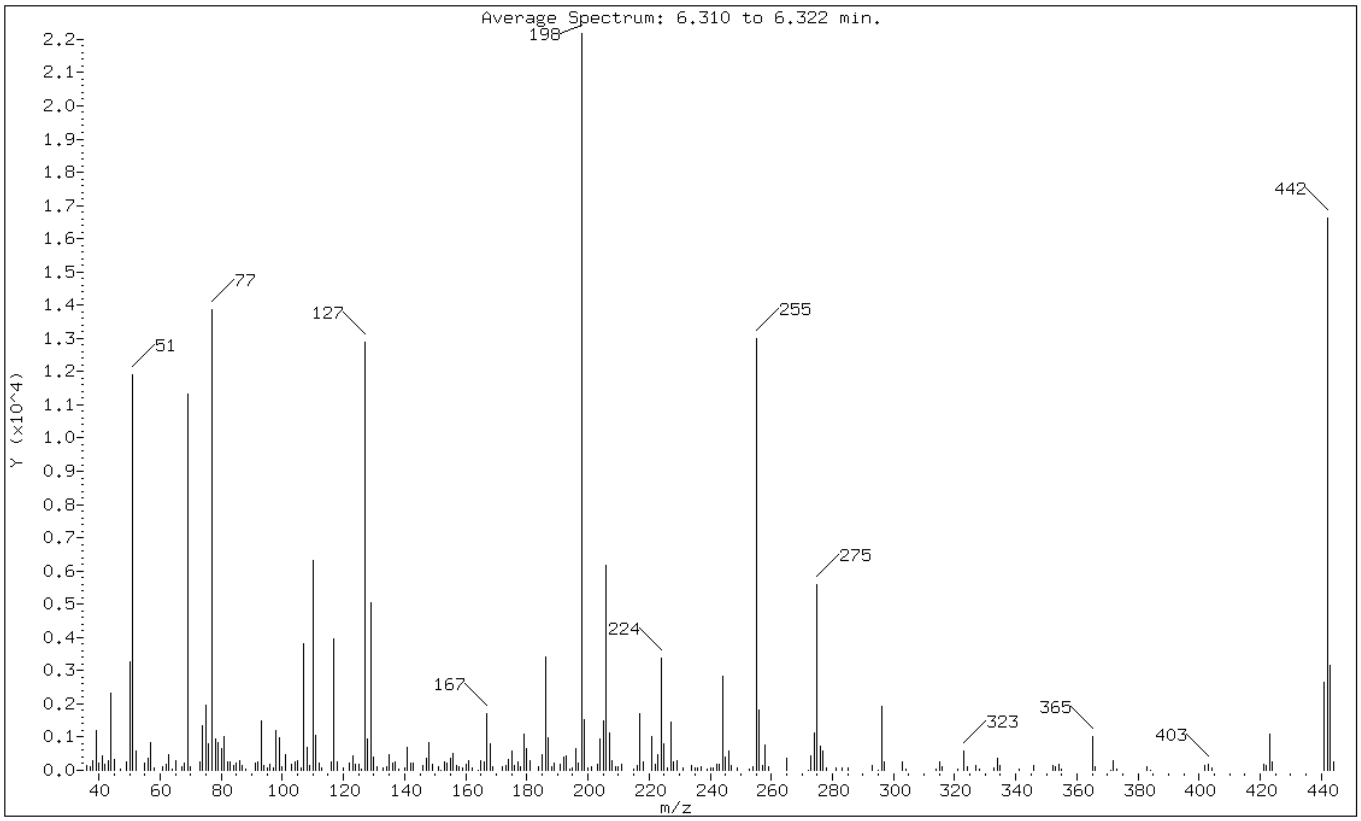
Data File: z2308.d

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/8270/09-19-13/19sep13a.b/z2335.d
Report Date: 19-Sep-2013 15:27

TestAmerica

Data file : /chem/BNAMS11.i/8270/09-19-13/19sep13a.b/z2335.d
Lab Smp Id: DFTPP-2358389
Inj Date : 19-SEP-2013 15:09
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-2358389
Misc Info : 25 ppm bna 4807
Comment :
Method : /chem/BNAMS11.i/8270/09-19-13/19sep13a.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 #:		
6.286	6.100	0.186	198	16986			0.00- 100.00	100.00
6.286	6.100	0.186	51	9499			30.00- 60.00	55.92
6.286	6.100	0.186	68	154			0.00- 2.00	1.80
6.286	6.100	0.186	69	8575			0.00- 0.00	50.48
6.286	6.100	0.186	70	101			0.00- 2.00	1.18
6.286	6.100	0.186	127	9786			40.00- 60.00	57.61
6.286	6.100	0.186	197	159			0.00- 1.00	0.94
6.286	6.100	0.186	199	1257			5.00- 9.00	7.40
6.286	6.100	0.186	275	4323			10.00- 30.00	25.45
6.286	6.100	0.186	365	637			1.00- 0.00	3.75
6.286	6.100	0.186	441	1752			0.01- 100.00	73.34
6.286	6.100	0.186	442	11658			40.00- 110.00	68.63
6.286	6.100	0.186	443	2389			17.00- 23.00	20.49

Data File: z2335.d

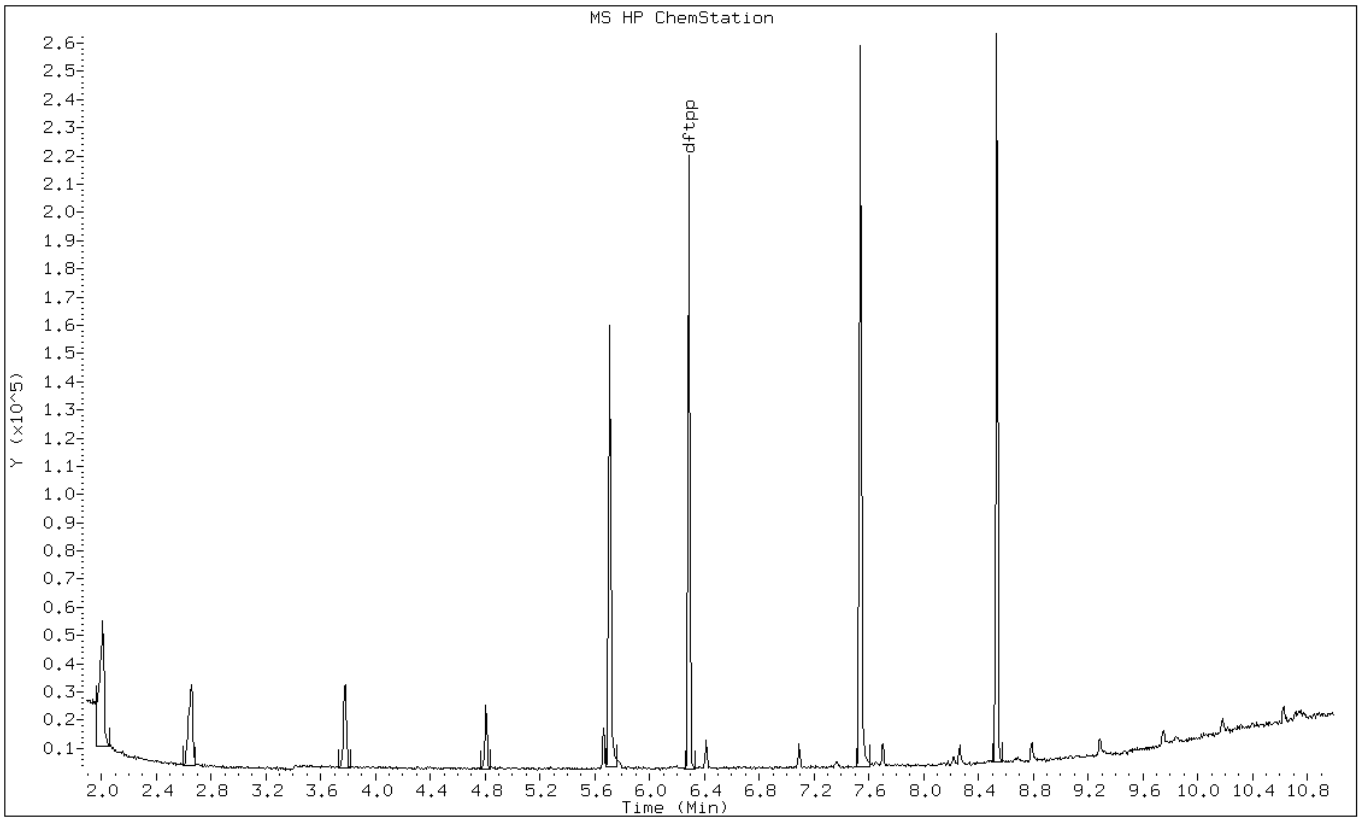
Date: 19-SEP-2013 15:09

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-2358389

Operator: BNA2



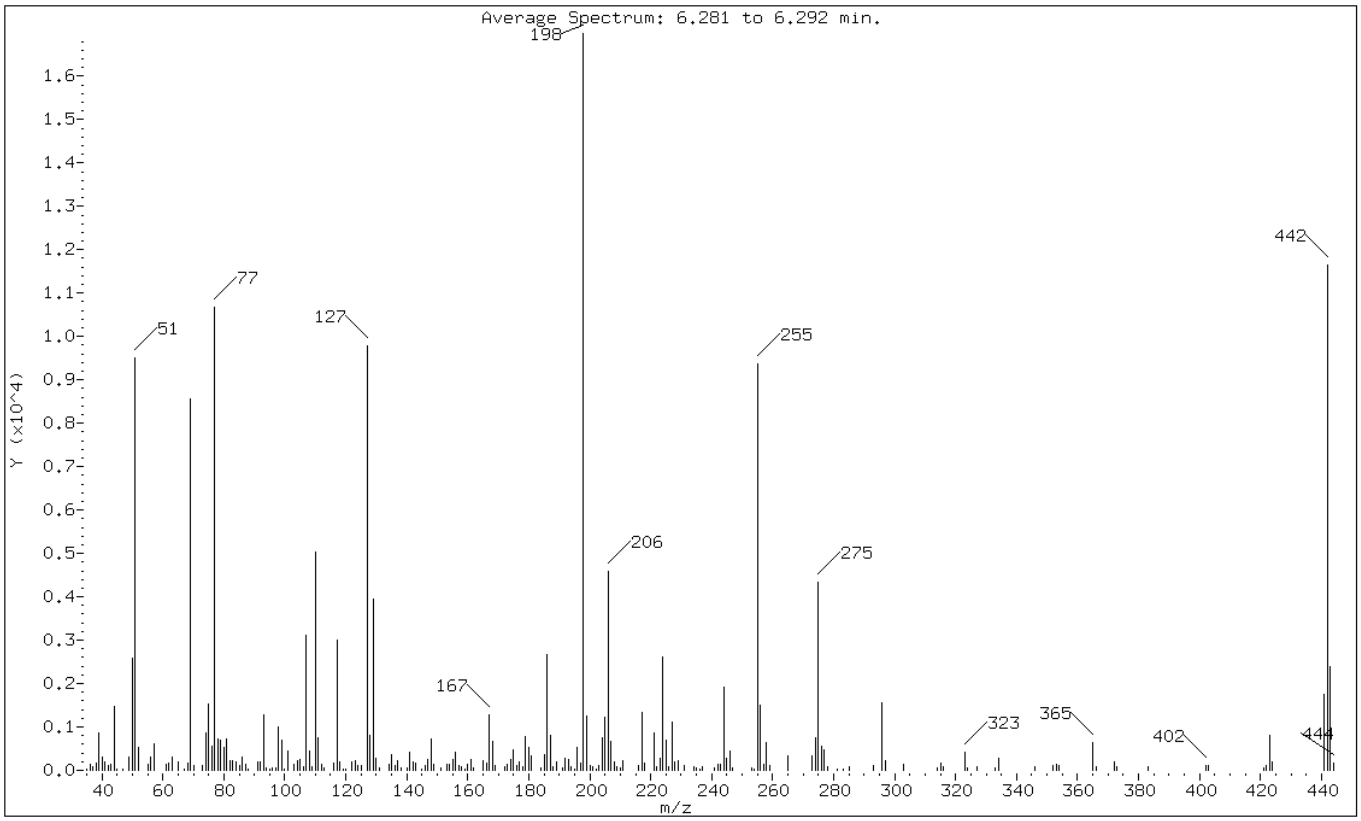
Data File: z2335.d

Date: 19-SEP-2013 15:09

Client ID: Instrument: BNAMS11.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	55.92
68	Less than 2.00% of mass 69	0.91 (1.80)
69	Mass 69 relative abundance	50.48
70	Less than 2.00% of mass 69	0.59 (1.18)
127	40.00 - 60.00% of mass 198	57.61
197	Less than 1.00% of mass 198	0.94
199	5.00 - 9.00% of mass 198	7.40
275	10.00 - 30.00% of mass 198	25.45
365	Greater than 1.00% of mass 198	3.75
441	0.01 - 100.00% of mass 443	10.31 (73.34)
442	40.00 - 110.00% of mass 198	68.63
443	17.00 - 23.00% of mass 442	14.06 (20.49)

Data File: z2335.d

Date: 19-SEP-2013 15:09

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-2358389 Operator: BNA2

Data File: /chem/BNAMS11.i/8270/09-19-13/19sep13a.b/z2335.d
Spectrum: Average Spectrum: 6.281 to 6.292 min.
Location of Maximum: 198.00
Number of points: 218

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	17	104.00	224	173.00	127	243.00	128
36.00	147	105.00	237	174.00	242	244.00	1911
37.00	73	106.00	92	175.00	486	245.00	285
38.00	175	107.00	3117	176.00	105	246.00	456
39.00	874	108.00	444	177.00	190	247.00	52
40.00	314	109.00	75	178.00	71	253.00	61
41.00	206	110.00	5039	179.00	774	254.00	41
42.00	105	111.00	758	180.00	540	255.00	9375
43.00	126	112.00	126	181.00	332	256.00	1493
44.00	1466	113.00	55	184.00	68	257.00	126
45.00	17	116.00	176	185.00	374	258.00	633
47.00	20	117.00	2989	186.00	2680	259.00	111
49.00	293	118.00	191	187.00	819	265.00	324
50.00	2588	119.00	18	188.00	82	273.00	337
51.00	9499	120.00	17	189.00	181	274.00	751
52.00	516	122.00	193	191.00	62	275.00	4323
55.00	140	123.00	222	192.00	267	276.00	569
56.00	309	124.00	120	193.00	245	277.00	479
57.00	613	125.00	106	194.00	79	278.00	70
61.00	132	127.00	9786	195.00	34	281.00	29
62.00	169	128.00	820	196.00	532	283.00	20
63.00	305	129.00	3934	197.00	159	285.00	83
65.00	201	130.00	291	198.00	16984	293.00	104
67.00	19	131.00	69	199.00	1257	296.00	1557
68.00	154	134.00	151	200.00	113	297.00	220
69.00	8575	135.00	367	201.00	78	303.00	140
70.00	101	136.00	113	202.00	16	314.00	48
73.00	123	137.00	217	203.00	112	315.00	159
74.00	858	138.00	44	204.00	745	316.00	83
75.00	1538	140.00	53	205.00	1223	323.00	416
76.00	551	141.00	417	206.00	4599	324.00	54
77.00	10661	142.00	207	207.00	680	327.00	71
78.00	726	143.00	161	208.00	192	333.00	44
79.00	691	145.00	34	209.00	92	334.00	269
80.00	541	146.00	125	210.00	58	346.00	96
81.00	719	147.00	250	211.00	217	352.00	105
82.00	216	148.00	713	216.00	108	353.00	132
83.00	211	149.00	148	217.00	1324	354.00	123
84.00	181	151.00	46	218.00	159	365.00	637
85.00	111	153.00	136	221.00	860	366.00	96

86.00	297	154.00	137	222.00	78	372.00	205
87.00	133	155.00	260	223.00	265	373.00	74
88.00	39	156.00	420	224.00	2605	383.00	70
91.00	207	157.00	105	225.00	684	402.00	113
92.00	185	158.00	91	226.00	78	403.00	102
93.00	1268	159.00	39	227.00	1121	421.00	66
94.00	45	160.00	144	228.00	197	422.00	103
95.00	37	161.00	257	229.00	232	423.00	793
96.00	65	162.00	55	231.00	114	424.00	203
97.00	65	165.00	215	234.00	72	441.00	1752
98.00	1012	166.00	164	235.00	62	442.00	11658
99.00	707	167.00	1276	236.00	40	443.00	2389
100.00	39	168.00	671	237.00	93	444.00	176
101.00	443	169.00	118	241.00	52		
103.00	132	172.00	95	242.00	130		

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

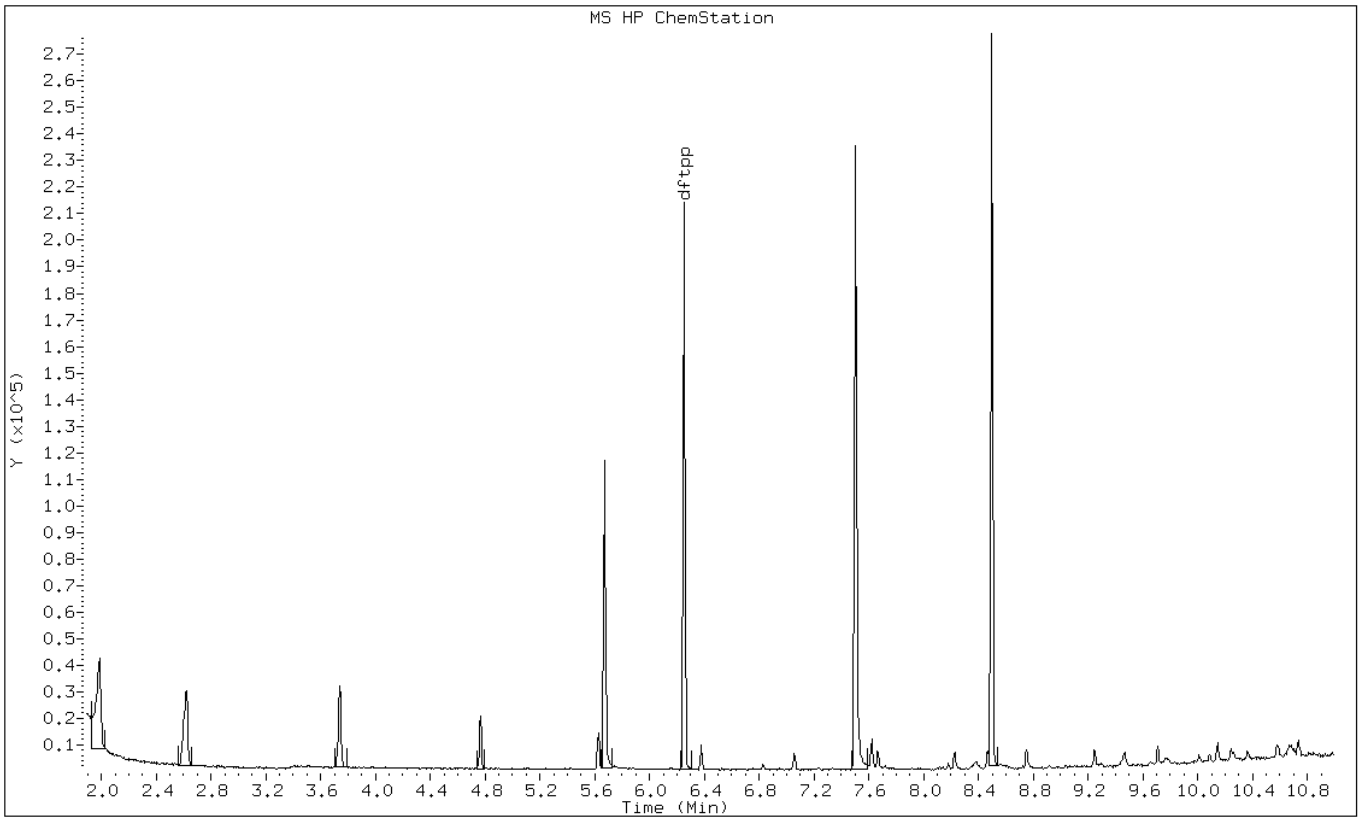
Date: 23-SEP-2013 03:50

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-2358389

Operator: BNAMS3



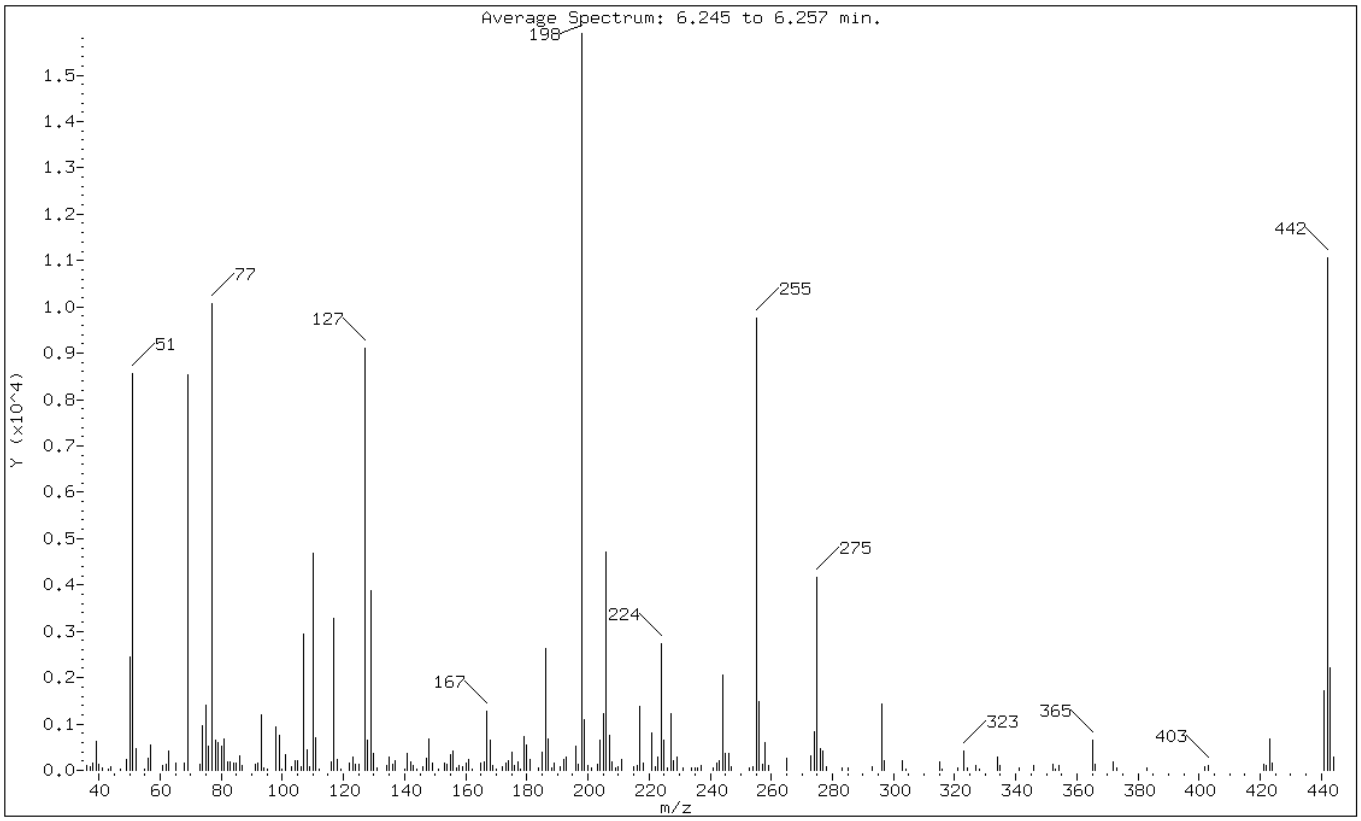
Data File: z2474.d

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		

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

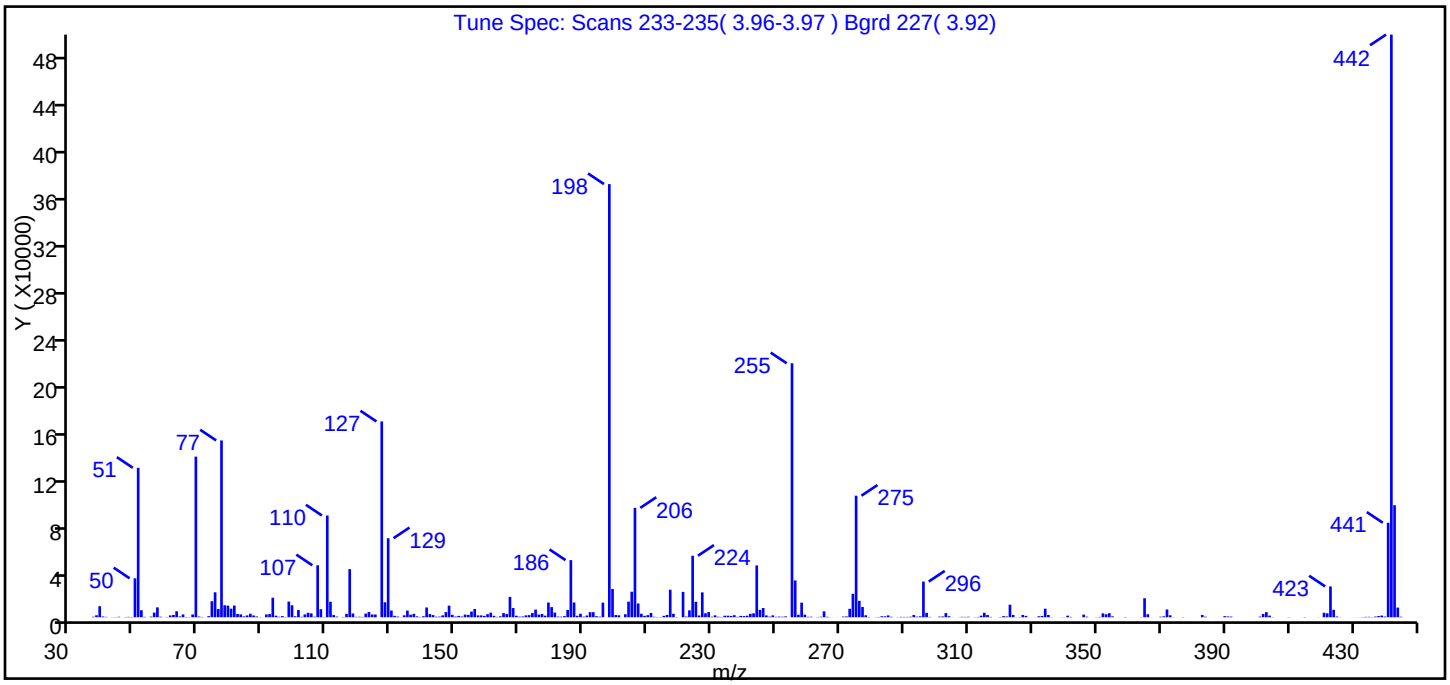
Processing Flags
7 - Failed Limit of Detection

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

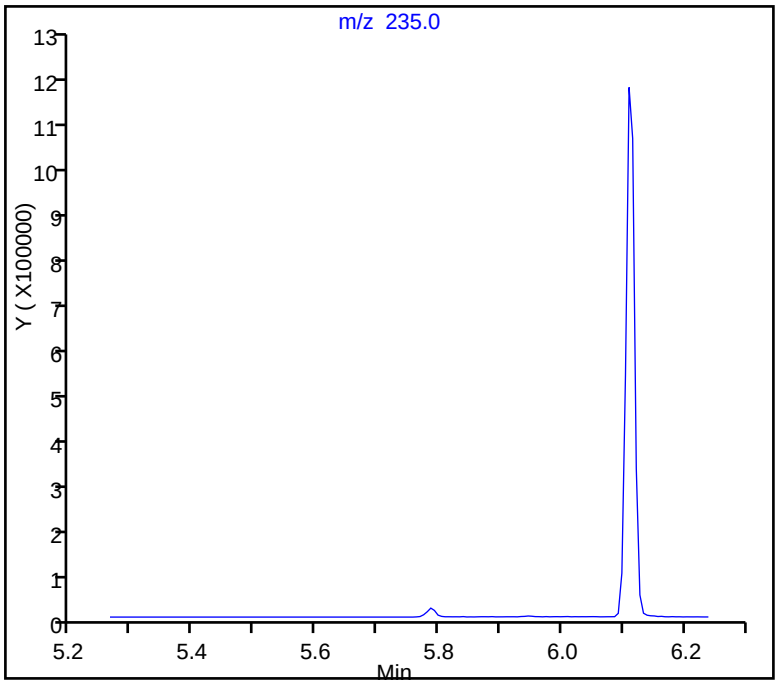
m/z	Y	m/z	Y	m/z	Y	m/z	Y
107.00	43968	195.00	521	288.00	144	426.00	97
108.00	6810	196.00	12372	289.00	350	430.00	54
109.00	209	198.00	366400	290.00	306	431.00	74
110.00	86072	199.00	23896	291.00	306	432.00	72
111.00	13089	200.00	1861	292.00	459	433.00	200
112.00	1839	201.00	1668	293.00	1902	434.00	336
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

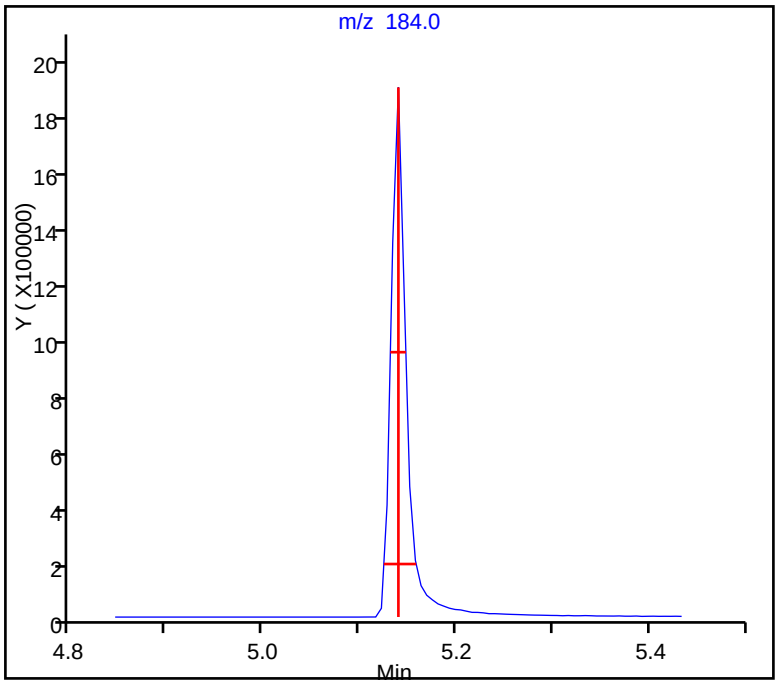
Injection Date:	16-Sep-2013 14:35:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	181568	Lims Sample ID:	1
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

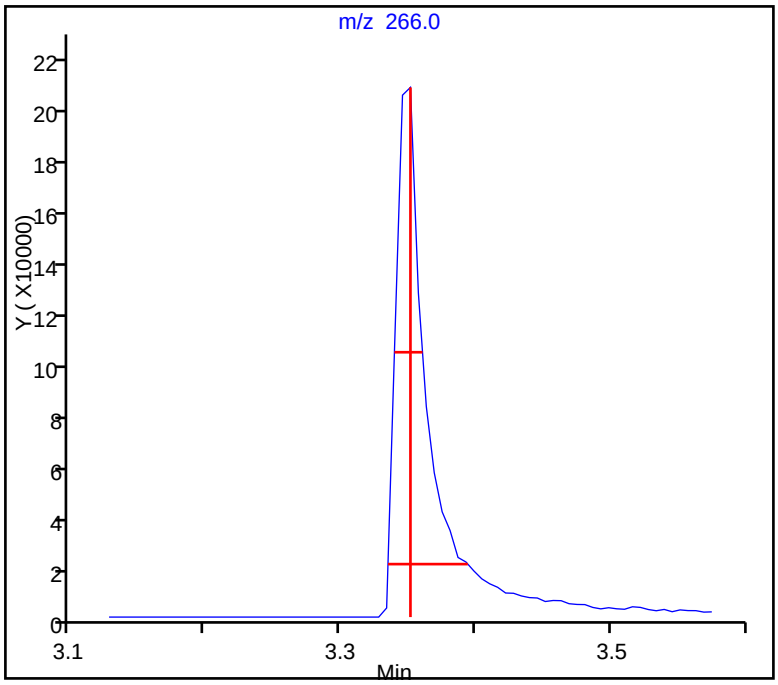
Data File:	\\EDICHROM\ChromData\CBNAMS12\20130916-4673.b\112632.D		
Injection Date:	16-Sep-2013 14:35:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	181568	Lims Sample ID:	1
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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\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

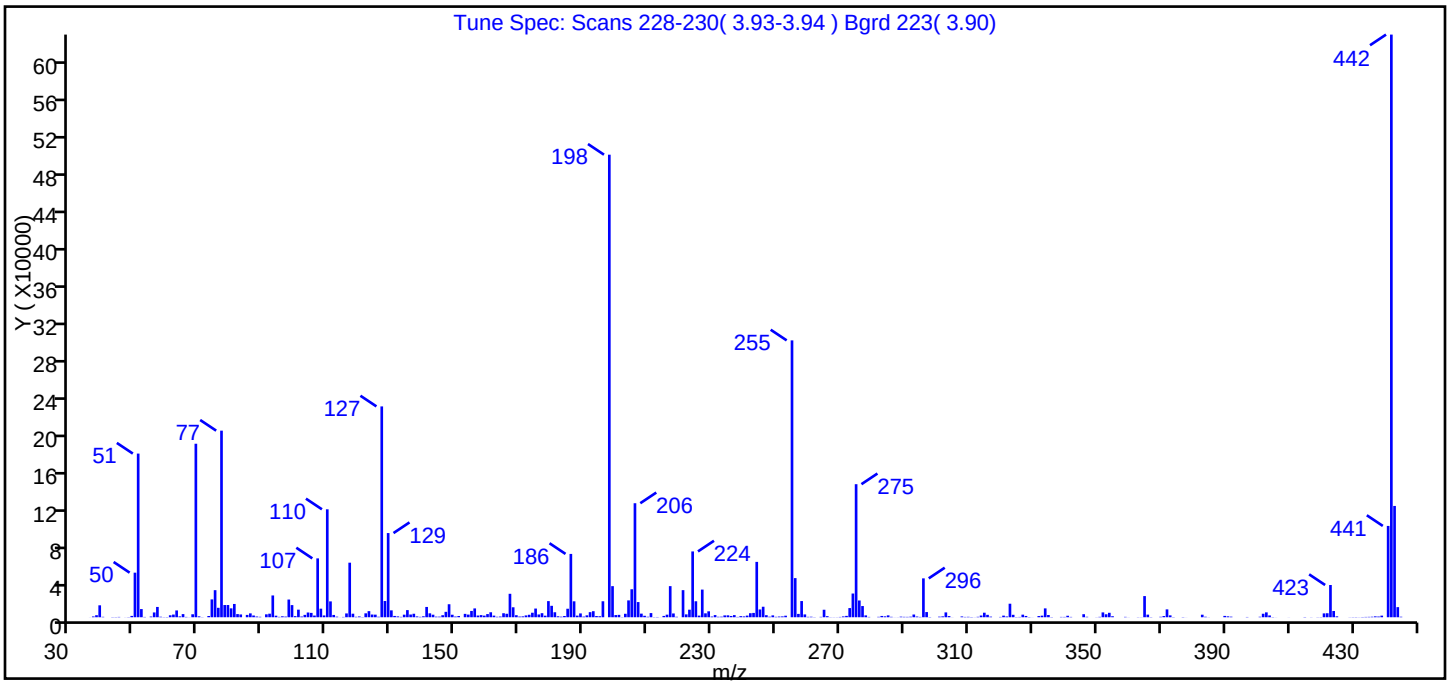
Processing Flags
7 - Failed Limit of Detection

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

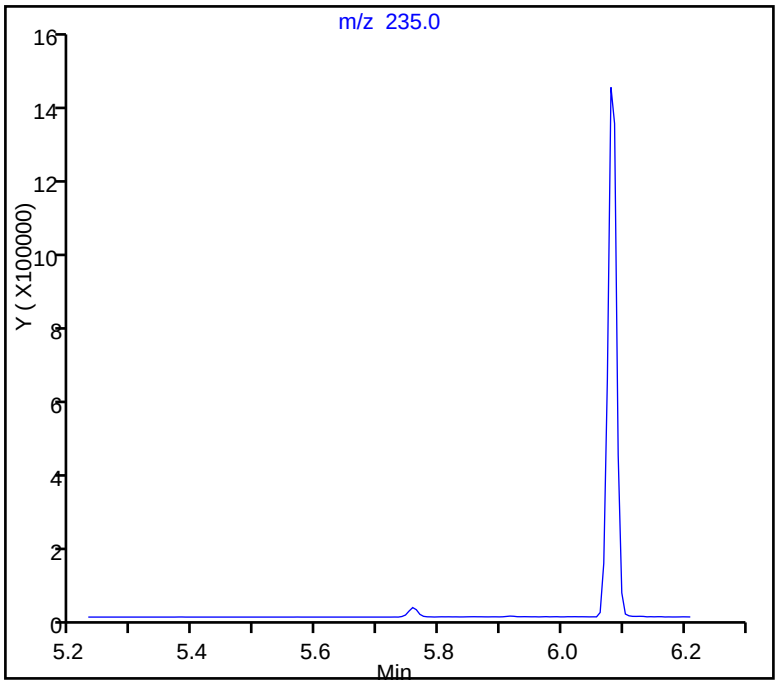
m/z	Y	m/z	Y	m/z	Y	m/z	Y
110.00	115104	199.00	33168	291.00	409	425.00	962
111.00	16920	200.00	2335	292.00	595	429.00	125
112.00	2467	201.00	2548	293.00	2921	430.00	196
113.00	637	202.00	199	294.00	770	431.00	221
114.00	62	203.00	3716	295.00	362	432.00	121
115.00	357	204.00	17984	296.00	41472	433.00	280
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

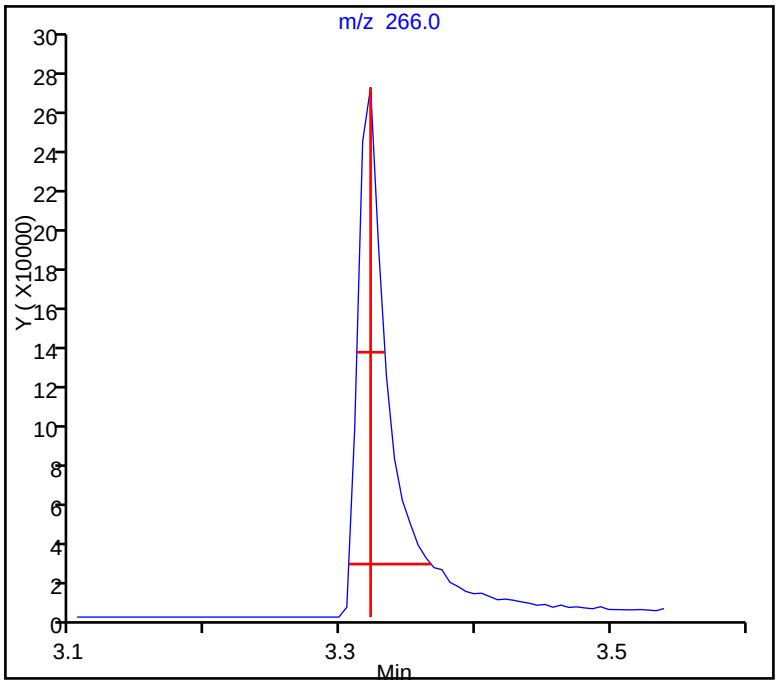
Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112719.D		
Injection Date:	20-Sep-2013 01:16:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	4
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

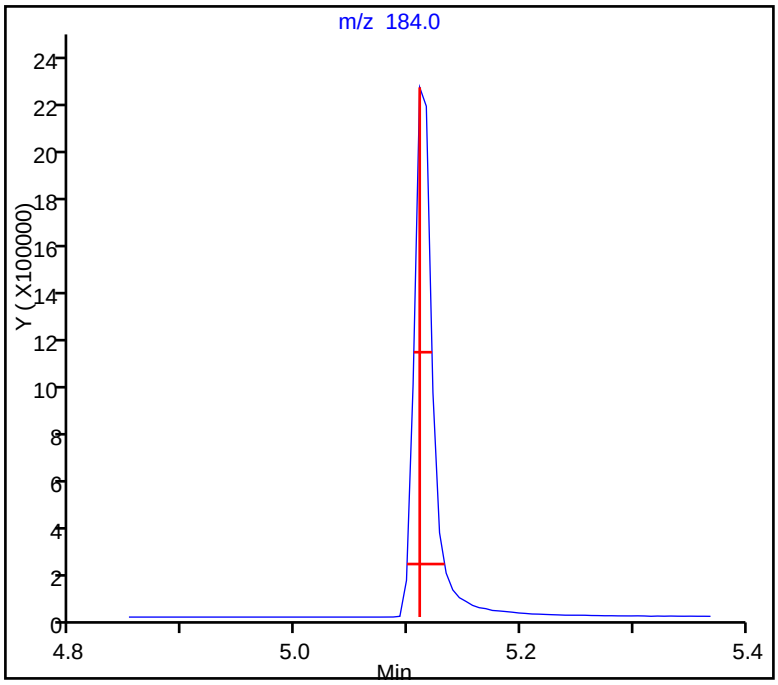
Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4829.b\112719.D		
Injection Date:	20-Sep-2013 01:16:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182283	Lims Sample ID:	4
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

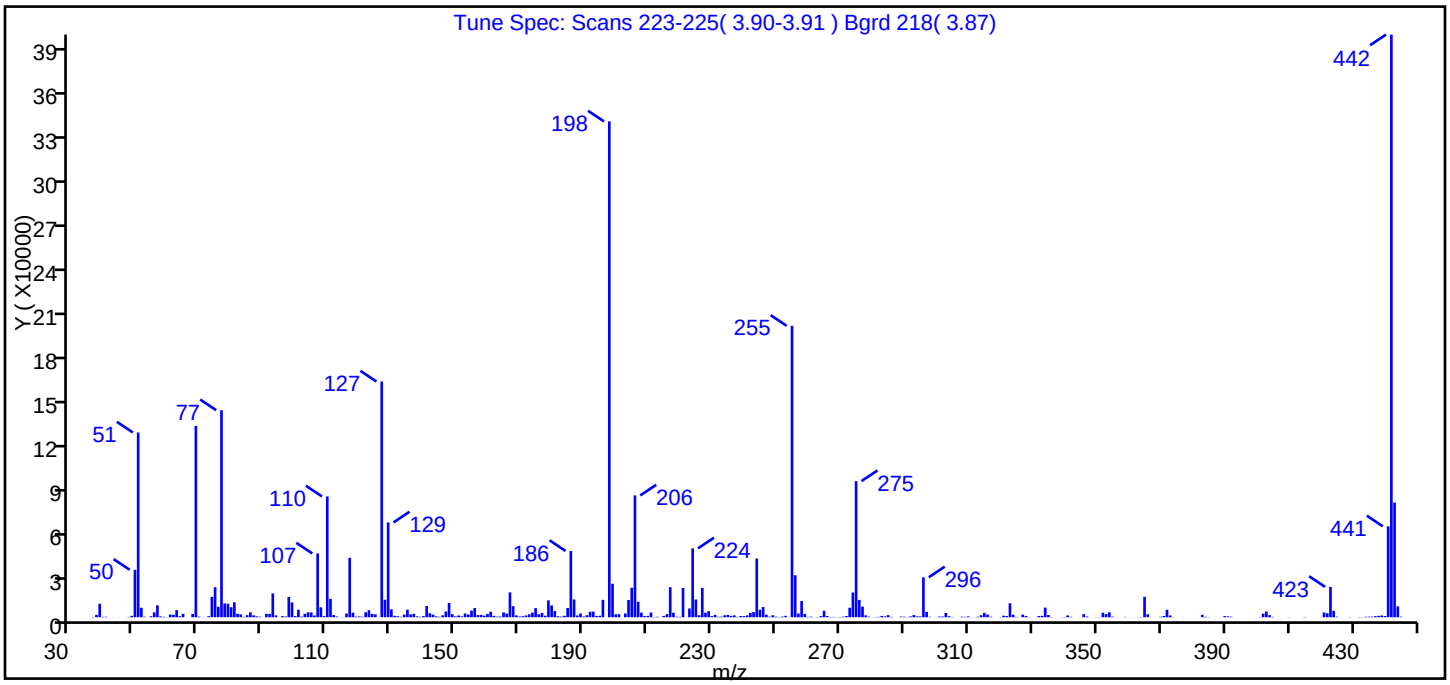
Processing Flags
7 - Failed Limit of Detection

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

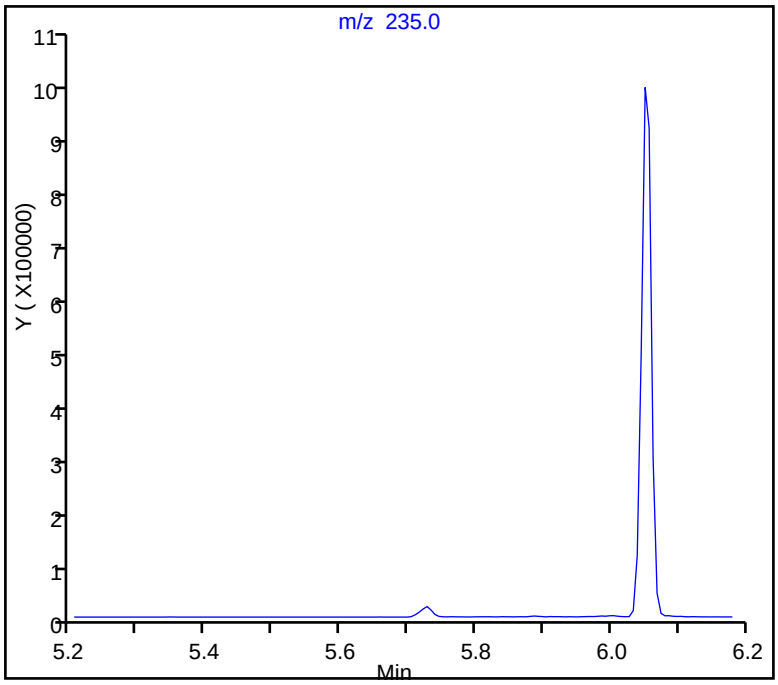
m/z	Y	m/z	Y	m/z	Y	m/z	Y
113.00	511	200.00	1979	292.00	577	429.00	159
115.00	104	201.00	2040	293.00	1519	432.00	174
116.00	2486	203.00	2546	294.00	604	433.00	128
117.00	40056	204.00	11635	295.00	572	434.00	307
118.00	3090	205.00	19936	296.00	26936	435.00	390
119.00	435	206.00	82176	297.00	3645	436.00	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

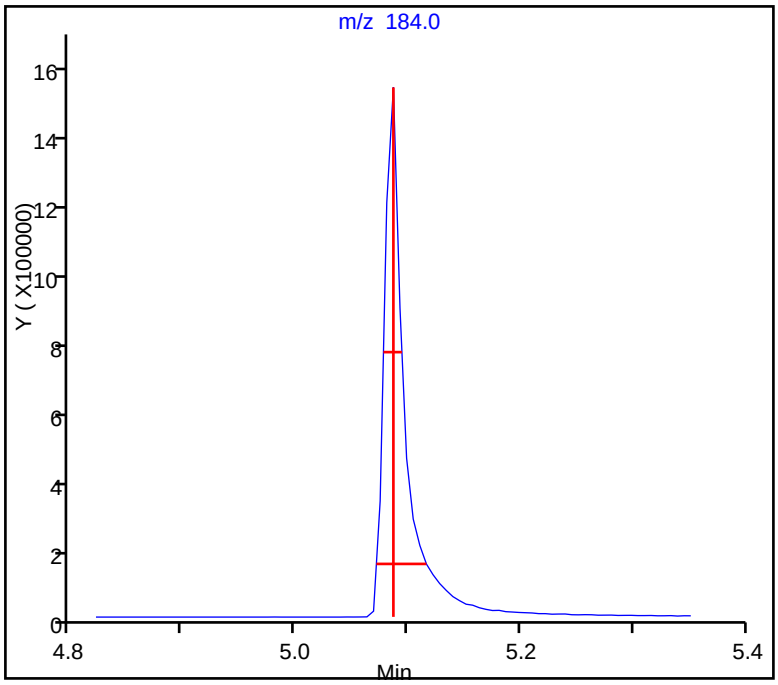
Injection Date:	20-Sep-2013 14:40:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	1
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

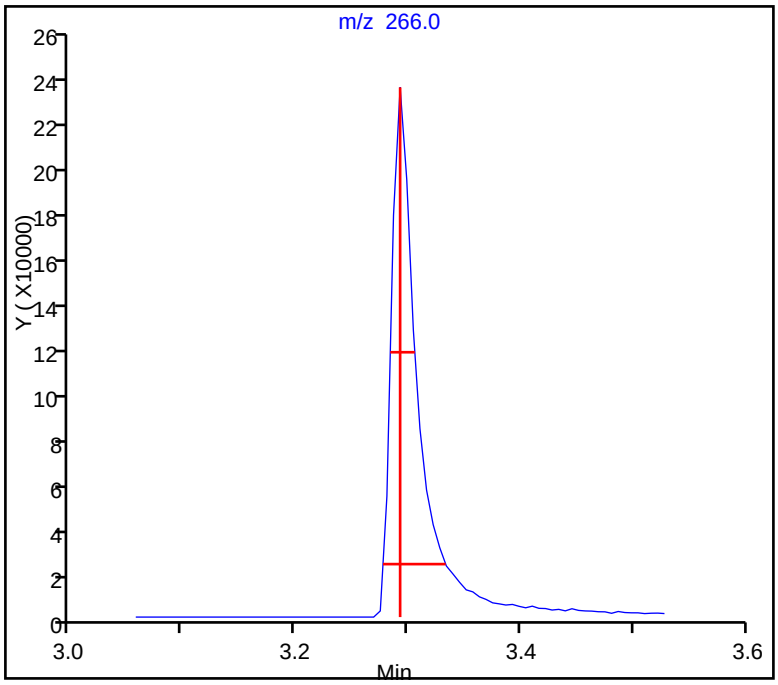
Data File:	\\EDICHROM\ChromData\CBNAMS12\20130920-4854.b\112745.D		
Injection Date:	20-Sep-2013 14:40:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS12
Lims Batch ID:	182394	Lims Sample ID:	1
Operator ID:	BNA 12	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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\CBNAMS4\20130918-4773.b\U90955.D		
Lims ID:	DFTPP	Client ID:	
Inject. Date:	18-Sep-2013 10:55:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	460-0004773-001		
Misc. Info.:	DFTPP		
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	181966	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\8270_4.m		
Last Update:	19-Sep-2013 14:14:25	Calib Date:	18-Sep-2013 15:35:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90967.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 11:08:25

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	4.165	4.165	0.0	82	253119	0	7
89 Benzidine_T	184	5.816	5.816	0.0	97	859922	0	7
120 DFTPP								
115 4,4'-DDE	246	6.024	6.024	0.0	1	1596	0	7
114 4,4'-DDD	235	6.390	6.390	0.0	55	11454	0	7
116 4,4'-DDT	235	6.725	6.725	0.0	96	704156	0	7

QC Flag Legend

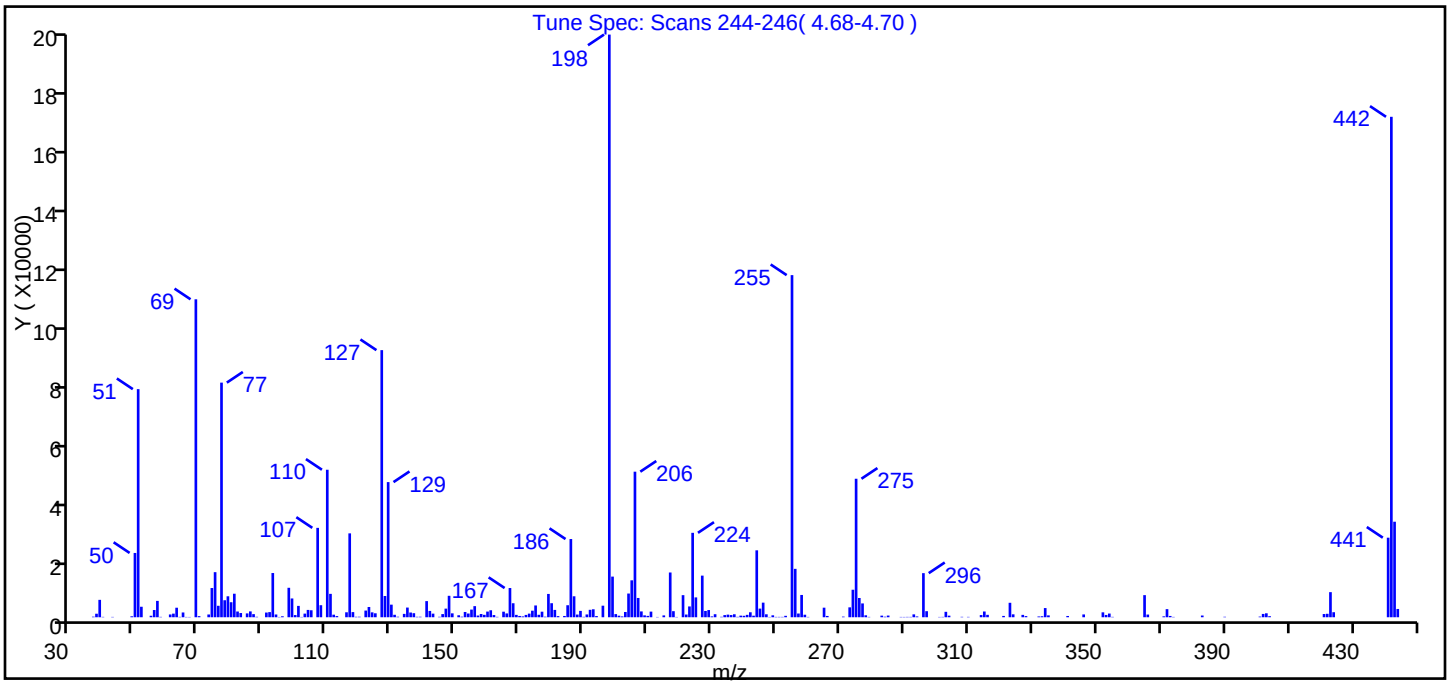
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90955.D		
Injection Date:	18-Sep-2013 10:55:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS4
Lims Batch ID:	181966	Lims Sample ID:	1
Operator ID:		Injection Vol:	1.0 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	39.15
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	54.57
70	Less than 2.00% of mass 69	0.19 (0.35)
127	40.00 - 60.00% of mass 198	45.84
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.98
275	10.00 - 30.00% of mass 198	23.77
365	Greater than 1.00% of mass 198	3.80
441	Present, but less than mass 443%	13.66 (83.28)
442	Greater than 40.00% of mass 198	85.89
443	17.00 - 23.00% of mass 442	16.40 (19.09)

Data File: \\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90955.D\8270_4.rslt\spectra.d
Injection Date: 18-Sep-2013 10:55:30
Spectrum: Tune Spec: Scans 244-246(4.68-4.70)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 250

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	197	123.00	3475	193.00	2701	274.00	9319
38.00	1195	124.00	1659	194.00	402	275.00	46904
39.00	5894	125.00	1342	196.00	3917	276.00	6522
40.00	128	127.00	90456	198.00	197312	277.00	4684
43.00	118	128.00	7194	199.00	13766	278.00	665
49.00	323	129.00	45768	200.00	1067	279.00	123
50.00	21776	130.00	4268	201.00	526	283.00	546
51.00	77248	131.00	836	202.00	278	284.00	187
52.00	3555	132.00	179	203.00	1785	285.00	576
55.00	508	134.00	1143	204.00	8032	289.00	112
56.00	2447	135.00	3283	205.00	12507	290.00	107
57.00	5540	136.00	1598	206.00	49296	291.00	125
58.00	129	137.00	1373	207.00	6531	292.00	123
61.00	946	138.00	154	208.00	1976	293.00	979
62.00	1228	139.00	172	209.00	641	294.00	273
63.00	3228	141.00	5467	210.00	466	296.00	14934
64.00	129	142.00	2140	211.00	1911	297.00	2054
65.00	1621	143.00	1222	213.00	103	301.00	109
66.00	110	145.00	155	215.00	628	302.00	125
67.00	103	146.00	1070	217.00	15158	303.00	1841
69.00	107672	147.00	2923	218.00	2060	304.00	540
70.00	374	148.00	7265	219.00	106	308.00	146
73.00	935	149.00	1325	221.00	7484	310.00	128
74.00	9898	151.00	675	222.00	922	314.00	745
75.00	15269	152.00	192	223.00	3663	315.00	1951
76.00	3886	153.00	1786	224.00	28592	316.00	820
77.00	79456	154.00	1264	225.00	6724	321.00	449
78.00	5761	155.00	2598	227.00	14097	323.00	4900
79.00	7103	156.00	3762	228.00	2127	324.00	992
80.00	5089	157.00	583	229.00	2438	327.00	806
81.00	7969	158.00	1102	230.00	285	328.00	392
82.00	1944	159.00	824	231.00	1029	332.00	269
83.00	1431	160.00	1924	233.00	154	333.00	335

Report Date: 19-Sep-2013 14:14:26 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90955.D\8270_4.rslt\spectra.d
Injection Date: 18-Sep-2013 10:55:30
Spectrum: Tune Spec: Scans 244-246(4.68-4.70)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 250

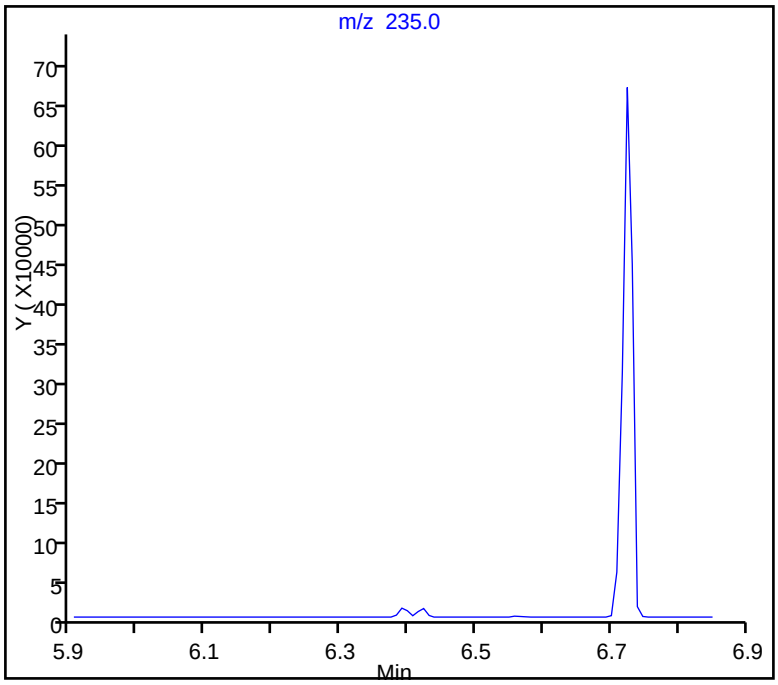
m/z	Y	m/z	Y	m/z	Y	m/z	Y
85.00	1305	161.00	2366	234.00	733	334.00	3113
86.00	1984	162.00	741	235.00	886	335.00	634
87.00	1056	163.00	138	236.00	747	341.00	431
88.00	154	165.00	1887	237.00	1013	346.00	956
91.00	1596	166.00	1295	238.00	140	352.00	1668
92.00	1742	167.00	9897	239.00	546	353.00	780
93.00	14977	168.00	4744	240.00	494	354.00	1255
94.00	937	169.00	805	241.00	810	355.00	130
95.00	101	170.00	436	242.00	1688	365.00	7489
96.00	330	171.00	281	243.00	525	366.00	912
98.00	9979	172.00	793	244.00	22664	371.00	305
99.00	6365	173.00	1228	245.00	2931	372.00	2749
100.00	742	174.00	2218	246.00	4947	373.00	443
101.00	3848	175.00	3993	247.00	1004	374.00	116
102.00	107	176.00	832	248.00	105	383.00	588
103.00	1229	177.00	1887	249.00	657	390.00	160
104.00	2483	178.00	189	250.00	122	401.00	229
105.00	2369	179.00	7895	251.00	127	402.00	1125
107.00	30272	180.00	4756	252.00	126	403.00	1341
108.00	4080	181.00	2489	253.00	485	404.00	366
110.00	49952	182.00	387	255.00	115856	421.00	1098
111.00	7923	184.00	432	256.00	16392	422.00	1174
112.00	871	185.00	4071	257.00	1261	423.00	8501
113.00	398	186.00	26488	258.00	7551	424.00	1706
116.00	1683	187.00	7102	259.00	859	441.00	26944
117.00	28408	188.00	915	260.00	116	442.00	169472
118.00	1747	189.00	2154	265.00	3242	443.00	32352
119.00	161	190.00	141	266.00	443	444.00	2808
120.00	178	191.00	948	271.00	219		
122.00	2263	192.00	2523	273.00	3356		

Breakdown Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90955.D		
Injection Date:	18-Sep-2013 10:55:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS4
Lims Batch ID:	181966	Lims Sample ID:	1
Operator ID:		Injection Vol:	1.0 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 = 704156
114 4,4'-DDD, Area = 11454
115 4,4'-DDE, Area = 1596

%Breakdown: 1.82%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

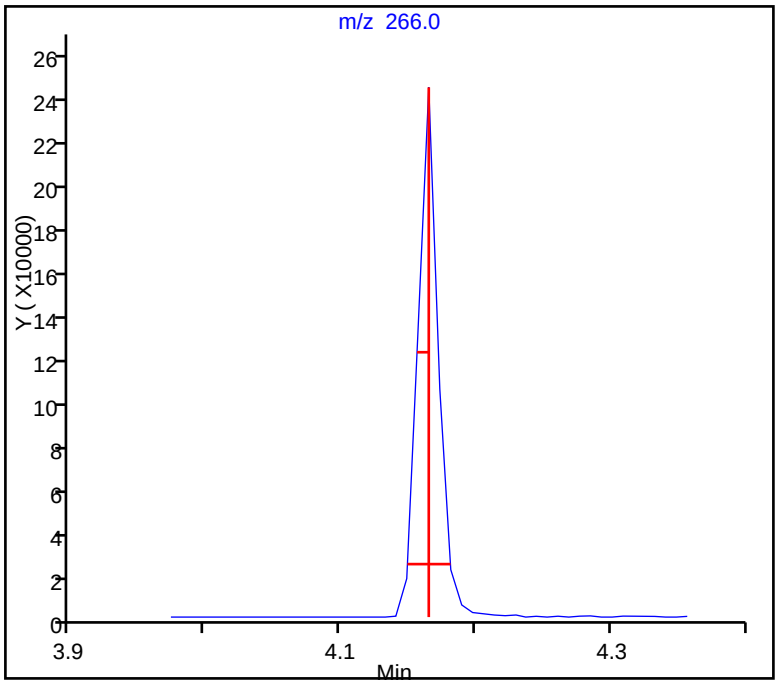
Data File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90955.D		
Injection Date:	18-Sep-2013 10:55:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS4
Lims Batch ID:	181966	Lims Sample ID:	1
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.016 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.0, Max. Tailing < 3.00
Passed



Peak Tailing Report

TestAmerica Edison

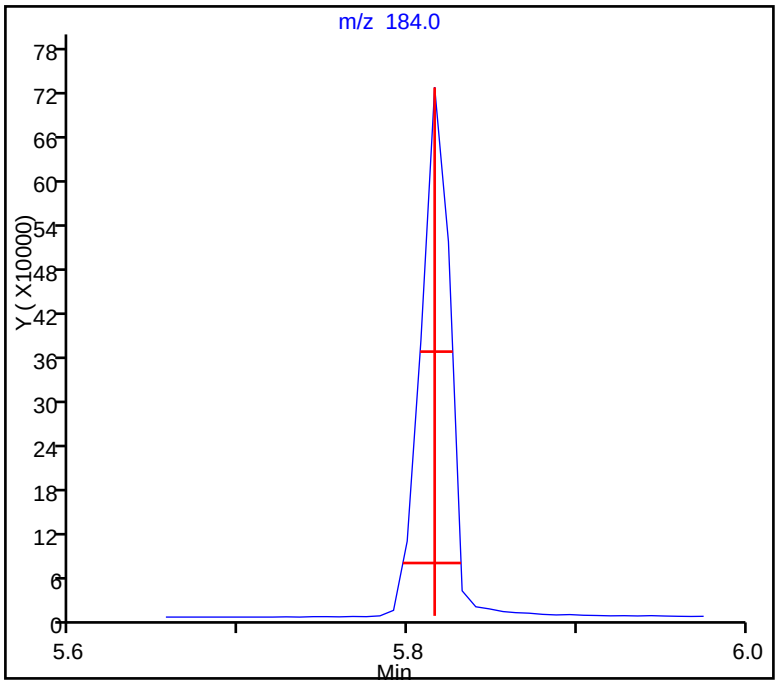
Data File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90955.D		
Injection Date:	18-Sep-2013 10:55:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS4
Lims Batch ID:	181966	Lims Sample ID:	1
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.016 (min.)
Front Width = 0.019 (min.)

Tailing Factor = 0.8, Max. Tailing < 3.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90985.D		
Lims ID:	DFTPP	Client ID:	
Inject. Date:	19-Sep-2013 01:01:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	460-0004790-001		
Misc. Info.:	DFTPP		
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	182070	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m		
Last Update:	19-Sep-2013 14:41:43	Calib Date:	18-Sep-2013 15:35:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90967.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: boykinc		Date:	19-Sep-2013 01:22:54

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	4.132	4.132	0.0	84	279632	0	7
89 Benzidine_T	184	5.778	5.778	0.0	97	729123	0	7
120 DFTPP								
115 4,4'-DDE	246	5.985	5.985	0.0	3	2249	0	7
114 4,4'-DDD	235	6.385	6.385	0.0	55	10374	0	7
116 4,4'-DDT	235	6.689	6.689	0.0	96	621433	0	7

QC Flag Legend

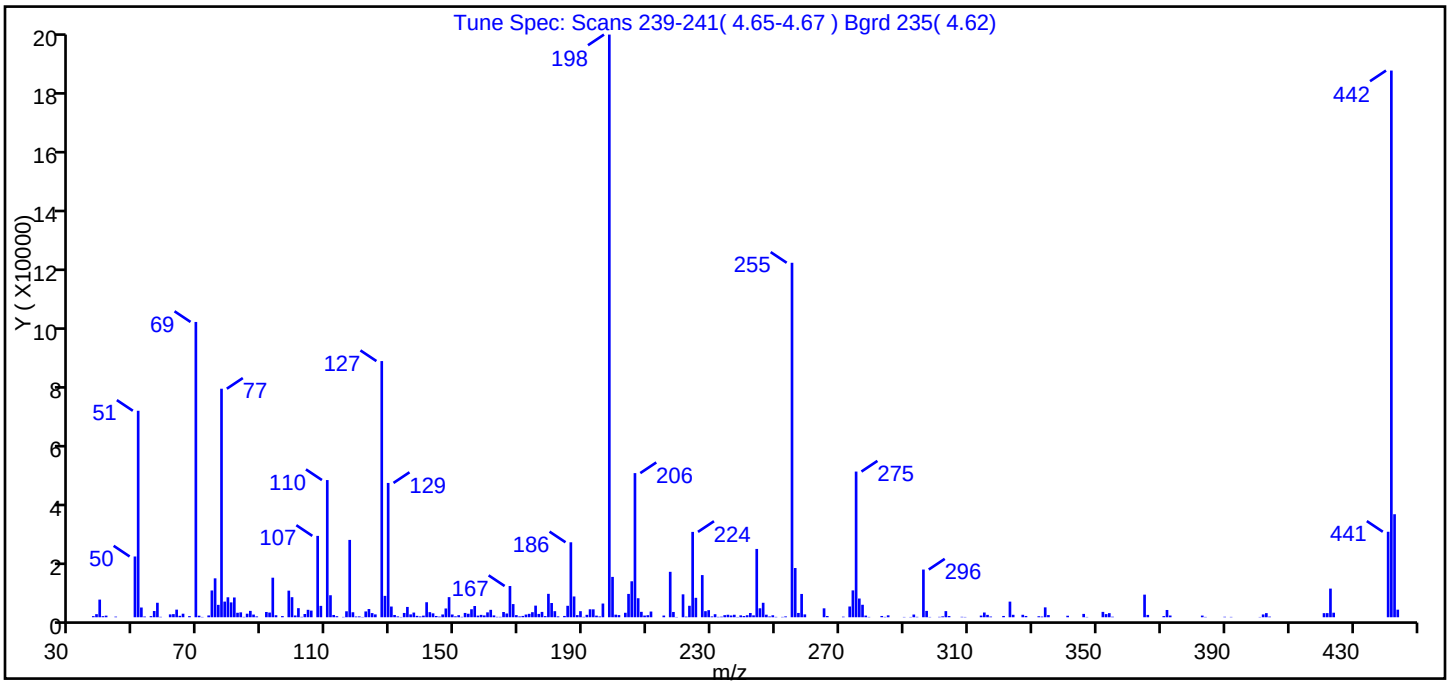
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90985.D		
Injection Date:	19-Sep-2013 01:01:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	1
Operator ID:		Injection Vol:	1.0 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	35.44
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	50.68
70	Less than 2.00% of mass 69	0.27 (0.52)
127	40.00 - 60.00% of mass 198	43.97
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.93
275	10.00 - 30.00% of mass 198	25.00
365	Greater than 1.00% of mass 198	3.88
441	Present, but less than mass 443%	14.67 (82.98)
442	Greater than 40.00% of mass 198	93.83
443	17.00 - 23.00% of mass 442	17.68 (18.84)

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90985.D\8270_4.rslt\spectra.d
Injection Date: 19-Sep-2013 01:01:30
Spectrum: Tune Spec: Scans 239-241(4.65-4.67) Bgrd 235(4.62)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 258

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	383	122.00	1957	189.00	2044	274.00	9039
38.00	1039	123.00	2762	190.00	132	275.00	49000
39.00	5938	124.00	1398	191.00	818	276.00	6302
40.00	381	125.00	963	192.00	2684	277.00	4200
41.00	550	127.00	86160	193.00	2661	278.00	563
44.00	214	128.00	7190	194.00	547	279.00	117
50.00	20440	129.00	45176	195.00	270	283.00	433
51.00	69448	130.00	3605	196.00	4615	284.00	123
52.00	3281	131.00	766	198.00	195968	285.00	644
53.00	246	132.00	293	199.00	13572	290.00	105
55.00	380	133.00	101	200.00	871	292.00	104
56.00	2098	134.00	1447	201.00	721	293.00	916
57.00	4871	135.00	3469	203.00	1506	294.00	141
58.00	140	136.00	968	204.00	7851	296.00	16048
61.00	963	137.00	1579	205.00	12102	297.00	2138
62.00	1054	138.00	472	206.00	48480	298.00	109
63.00	2568	139.00	260	207.00	6399	301.00	140
64.00	485	140.00	547	208.00	1825	302.00	304
65.00	1195	141.00	5055	209.00	572	303.00	2063
67.00	382	142.00	1712	210.00	697	304.00	405
69.00	99320	143.00	1315	211.00	1922	308.00	145
70.00	521	144.00	432	215.00	571	309.00	104
71.00	107	145.00	223	217.00	15283	314.00	562
73.00	605	146.00	938	218.00	1776	315.00	1595
74.00	9011	147.00	2954	219.00	101	316.00	803
75.00	13089	148.00	6766	221.00	7711	317.00	235
76.00	4171	149.00	926	222.00	207	321.00	434
77.00	76864	150.00	310	223.00	3859	323.00	5259
78.00	5262	151.00	693	224.00	28712	324.00	826
79.00	6716	152.00	139	225.00	6539	327.00	833
80.00	5000	153.00	1453	227.00	14184	328.00	434
81.00	6653	154.00	1183	228.00	2048	332.00	337
82.00	1511	155.00	2698	229.00	2386	333.00	228

Report Date: 19-Sep-2013 14:41:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90985.D\8270_4.rslt\spectra.d
Injection Date: 19-Sep-2013 01:01:30
Spectrum: Tune Spec: Scans 239-241(4.65-4.67) Bgrd 235(4.62)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 258

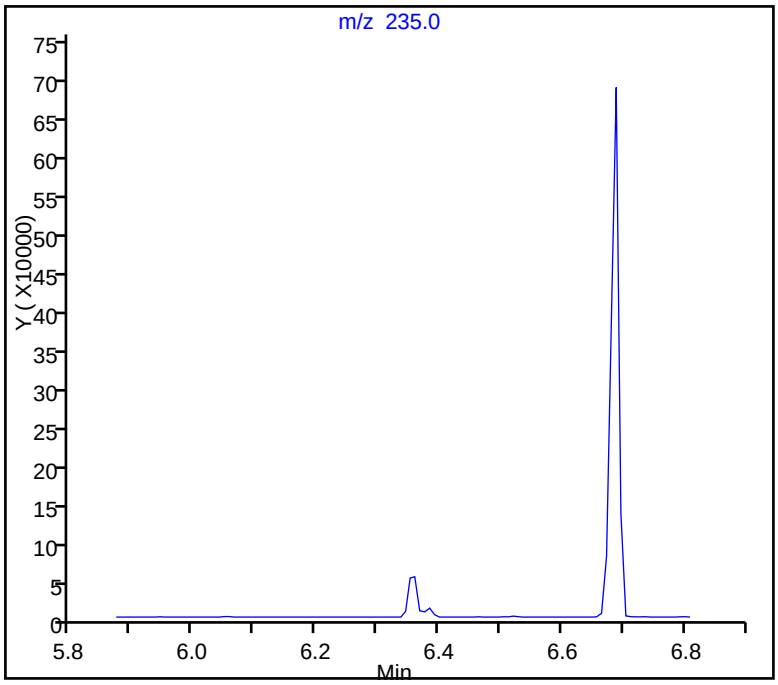
m/z	Y	m/z	Y	m/z	Y	m/z	Y
83.00	1653	156.00	3784	230.00	279	334.00	3324
84.00	126	157.00	554	231.00	1026	335.00	735
85.00	1194	158.00	799	232.00	140	341.00	509
86.00	2146	159.00	608	233.00	204	346.00	1128
87.00	904	160.00	1647	234.00	707	347.00	110
88.00	283	161.00	2498	235.00	843	352.00	1807
91.00	1772	162.00	618	236.00	600	353.00	1060
92.00	1580	163.00	145	237.00	839	354.00	1381
93.00	13304	164.00	138	238.00	104	355.00	189
94.00	679	165.00	1764	239.00	639	365.00	7610
96.00	390	166.00	1267	240.00	412	366.00	789
98.00	8948	167.00	10504	241.00	684	371.00	393
99.00	6748	168.00	4430	242.00	1433	372.00	2447
100.00	594	169.00	720	243.00	642	373.00	587
101.00	3060	170.00	283	244.00	22976	383.00	561
102.00	138	171.00	450	245.00	3016	384.00	118
103.00	1094	172.00	917	246.00	4868	390.00	162
104.00	2505	173.00	1148	247.00	858	392.00	121
105.00	2239	174.00	1705	248.00	267	401.00	102
107.00	27368	175.00	3913	249.00	669	402.00	950
108.00	3828	176.00	1123	250.00	129	403.00	1391
110.00	46144	177.00	1800	252.00	122	404.00	221
111.00	7400	178.00	388	253.00	286	421.00	1377
112.00	771	179.00	7877	255.00	119224	422.00	1394
113.00	357	180.00	4789	256.00	16560	423.00	9638
115.00	119	181.00	2046	257.00	1448	424.00	1526
116.00	2013	182.00	296	258.00	7840	441.00	28752
117.00	26016	184.00	437	259.00	966	442.00	183872
118.00	1689	185.00	3855	265.00	3002	443.00	34648
119.00	248	186.00	25216	266.00	414	444.00	2551
120.00	289	187.00	6991	271.00	196		
121.00	101	188.00	723	273.00	3622		

Breakdown Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90985.D		
Injection Date:	19-Sep-2013 01:01:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	1
Operator ID:		Injection Vol:	1.0 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 = 621433
114 4,4'-DDD, Area = 10374
115 4,4'-DDE, Area = 2249

%Breakdown: 1.99%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

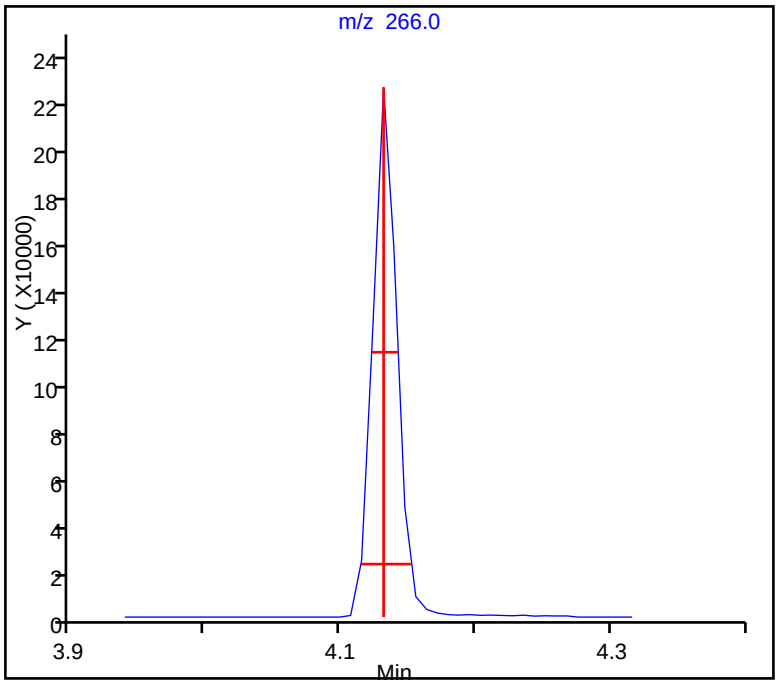
Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90985.D		
Injection Date:	19-Sep-2013 01:01:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	1
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.2, Max. Tailing < 3.00
Passed



Peak Tailing Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90985.D

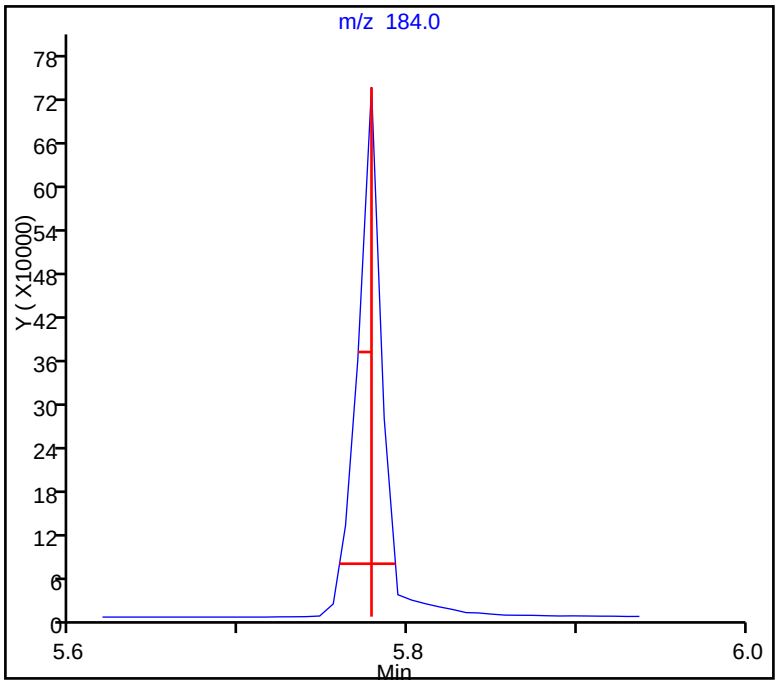
Injection Date:	19-Sep-2013 01:01:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	1
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.014 (min.)
Front Width = 0.019 (min.)

Tailing Factor = 0.8, Max. Tailing < 3.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91012.D		
Lims ID:	DFTPP	Client ID:	
Inject. Date:	19-Sep-2013 14:02:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	460-0004816-001		
Misc. Info.:	DFTPP		
Operator:		Instrument ID:	CBNAMS4
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	182194	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\8270_4.m		
Last Update:	19-Sep-2013 16:45:51	Calib Date:	18-Sep-2013 15:35:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90967.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:	19-Sep-2013 14:18:21

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	4.116	4.116	0.0	82	249625	0	7
89 Benzidine_T	184	5.762	5.762	0.0	97	686142	0	7
120 DFTPP								
115 4,4'-DDE	246	5.969	5.969	0.0	1	1780	0	7
114 4,4'-DDD	235	6.336	6.336	0.0	80	45156	0	
116 4,4'-DDT	235	6.671	6.671	0.0	96	558282	0	7

QC Flag Legend

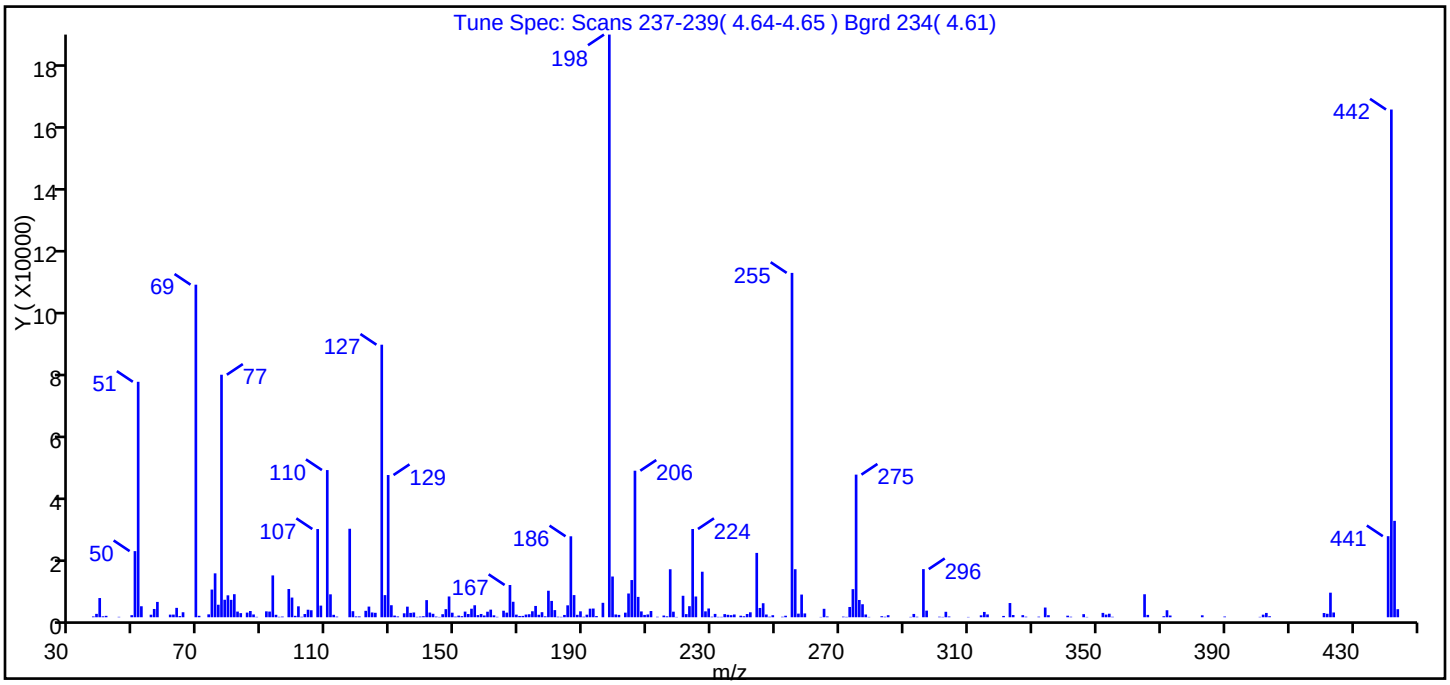
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91012.D		
Injection Date:	19-Sep-2013 14:02:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	1
Operator ID:		Injection Vol:	1.0 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	40.41
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	57.08
70	Less than 2.00% of mass 69	0.25 (0.44)
127	40.00 - 60.00% of mass 198	46.78
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.99
275	10.00 - 30.00% of mass 198	24.48
365	Greater than 1.00% of mass 198	3.95
441	Present, but less than mass 443%	13.91 (84.09)
442	Greater than 40.00% of mass 198	87.14
443	17.00 - 23.00% of mass 442	16.55 (18.99)

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91012.D\8270_4.rslt\spectra.d
Injection Date: 19-Sep-2013 14:02:30
Spectrum: Tune Spec: Scans 237-239(4.64-4.65) Bgrd 234(4.61)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 245

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	260	125.00	1410	190.00	172	272.00	125
38.00	1070	127.00	86128	191.00	815	273.00	3248
39.00	6071	128.00	6997	192.00	2713	274.00	8880
40.00	300	129.00	44944	193.00	2756	275.00	45072
41.00	453	130.00	3803	194.00	370	276.00	5460
45.00	132	131.00	530	196.00	4564	277.00	4112
49.00	651	132.00	256	198.00	184128	278.00	875
50.00	20896	134.00	1246	199.00	12876	279.00	115
51.00	74408	135.00	3351	200.00	881	283.00	327
52.00	3477	136.00	1385	201.00	745	284.00	159
55.00	803	137.00	1507	203.00	1452	285.00	649
56.00	2619	138.00	136	204.00	7509	292.00	118
57.00	4847	139.00	220	205.00	11759	293.00	1047
61.00	828	140.00	326	206.00	46312	294.00	164
62.00	843	141.00	5413	207.00	6432	296.00	15215
63.00	2968	142.00	1482	208.00	1846	297.00	2097
64.00	363	143.00	1096	209.00	742	301.00	174
65.00	1584	144.00	215	210.00	880	302.00	111
69.00	105096	145.00	111	211.00	1968	303.00	1726
70.00	460	146.00	963	213.00	158	304.00	239
73.00	916	147.00	2559	215.00	541	310.00	101
74.00	8754	148.00	6567	216.00	286	314.00	614
75.00	13875	149.00	1438	217.00	15168	315.00	1680
76.00	3957	150.00	198	218.00	1762	316.00	888
77.00	76640	151.00	525	219.00	106	321.00	417
78.00	5530	152.00	343	221.00	6790	323.00	4493
79.00	6932	153.00	1786	222.00	993	324.00	700
80.00	5498	154.00	1019	223.00	3505	327.00	666
81.00	7289	155.00	2699	224.00	27888	328.00	182
82.00	1794	156.00	3789	225.00	6559	332.00	189
83.00	1303	157.00	681	227.00	14388	334.00	3071
85.00	1472	158.00	1037	228.00	1866	335.00	652
86.00	1972	159.00	554	229.00	2771	341.00	495

Report Date: 19-Sep-2013 16:45:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91012.D\8270_4.rslt\spectra.d
Injection Date: 19-Sep-2013 14:02:30
Spectrum: Tune Spec: Scans 237-239(4.64-4.65) Bgrd 234(4.61)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 245

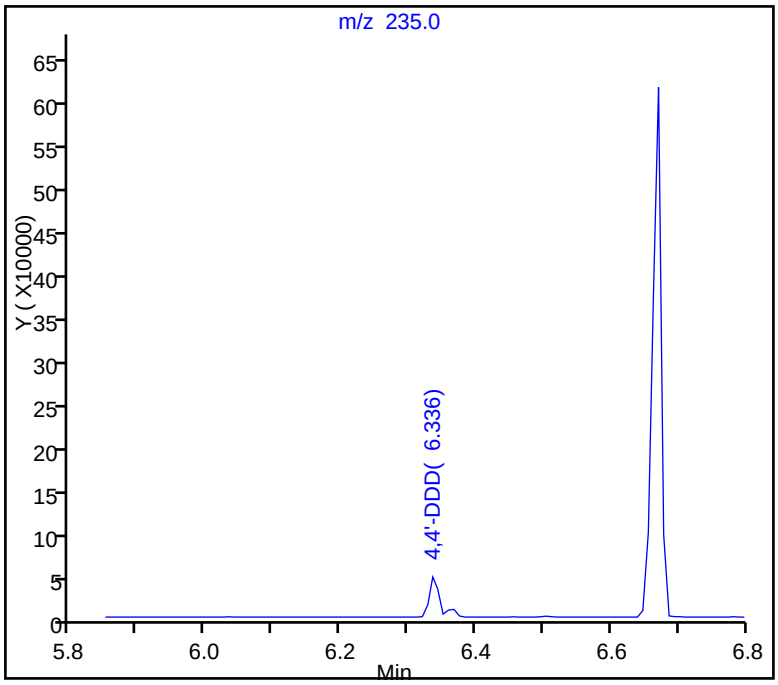
m/z	Y	m/z	Y	m/z	Y	m/z	Y
87.00	887	160.00	1752	230.00	177	342.00	163
88.00	132	161.00	2409	231.00	1061	346.00	978
91.00	1869	162.00	607	232.00	134	347.00	107
92.00	1799	163.00	137	233.00	132	352.00	1384
93.00	13221	165.00	2066	234.00	994	353.00	842
94.00	780	166.00	1458	235.00	778	354.00	1118
95.00	144	167.00	10193	236.00	663	355.00	153
96.00	215	168.00	4895	237.00	872	365.00	7269
98.00	8925	169.00	824	239.00	491	366.00	746
99.00	6223	170.00	411	240.00	312	371.00	326
100.00	450	171.00	433	241.00	1020	372.00	2216
101.00	3457	172.00	854	242.00	1570	373.00	553
102.00	149	173.00	948	244.00	20336	383.00	620
103.00	1019	174.00	1896	245.00	2937	390.00	233
104.00	2382	175.00	3574	246.00	4430	401.00	125
105.00	2212	176.00	780	247.00	866	402.00	823
107.00	27880	177.00	1604	248.00	174	403.00	1366
108.00	3683	178.00	290	249.00	644	404.00	326
110.00	46512	179.00	8378	252.00	163	421.00	1334
111.00	7245	180.00	5163	253.00	480	422.00	1102
112.00	773	181.00	2258	255.00	108824	423.00	7767
113.00	204	182.00	176	256.00	15180	424.00	1509
117.00	27968	183.00	132	257.00	1142	441.00	25616
118.00	1912	184.00	730	258.00	7171	442.00	160448
119.00	256	185.00	3769	259.00	1207	443.00	30464
120.00	264	186.00	25584	264.00	104	444.00	2552
122.00	2033	187.00	7002	265.00	2674		
123.00	3371	188.00	771	266.00	242		
124.00	1510	189.00	1875	271.00	201		

Breakdown Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91012.D		
Injection Date:	19-Sep-2013 14:02:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	1
Operator ID:		Injection Vol:	1.0 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 = 558282
114 4,4'-DDD, Area = 45156
115 4,4'-DDE, Area = 1780

%Breakdown: 7.76%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

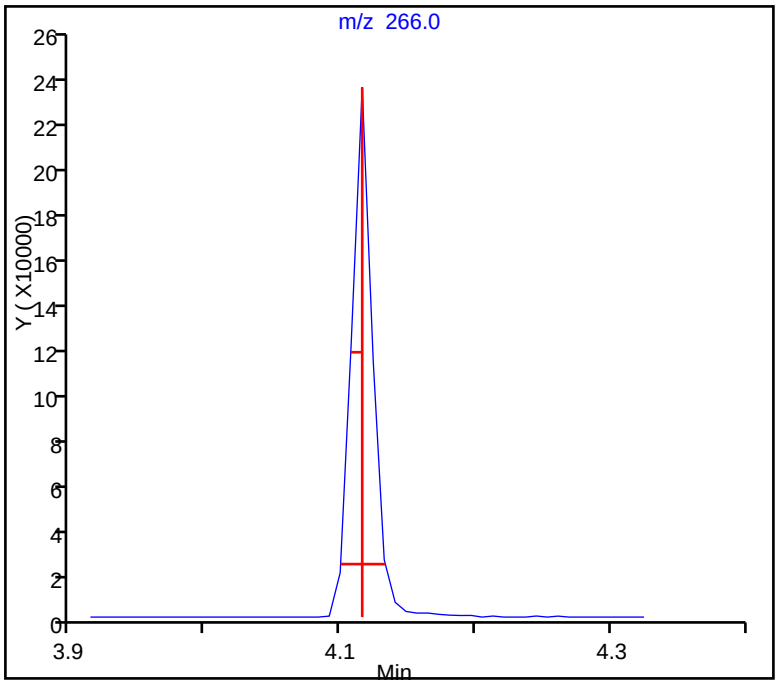
Data File:	\\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91012.D		
Injection Date:	19-Sep-2013 14:02:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	1
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.1, Max. Tailing < 3.00
Passed



Peak Tailing Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4816.b\U91012.D

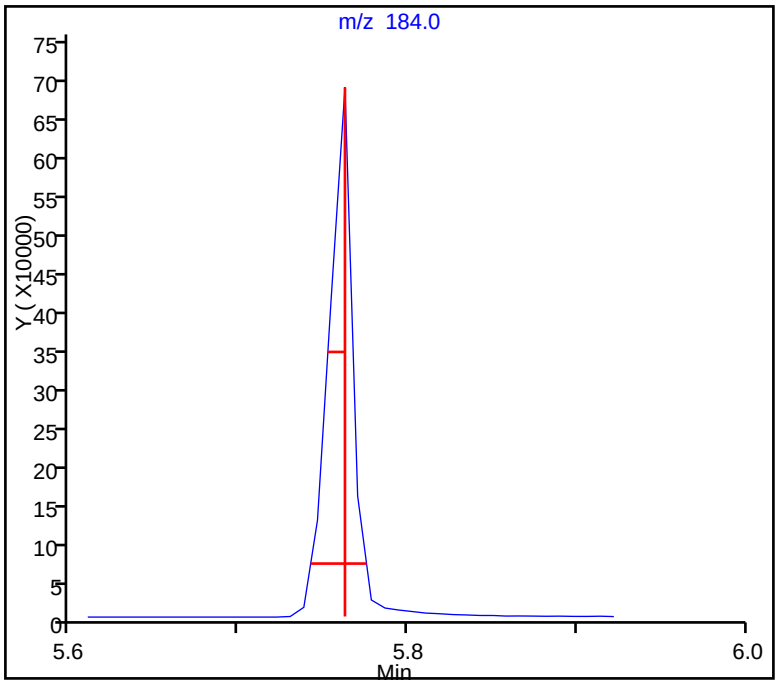
Injection Date:	19-Sep-2013 14:02:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS4
Lims Batch ID:	182194	Lims Sample ID:	1
Operator ID:		Injection Vol:	1.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

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



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

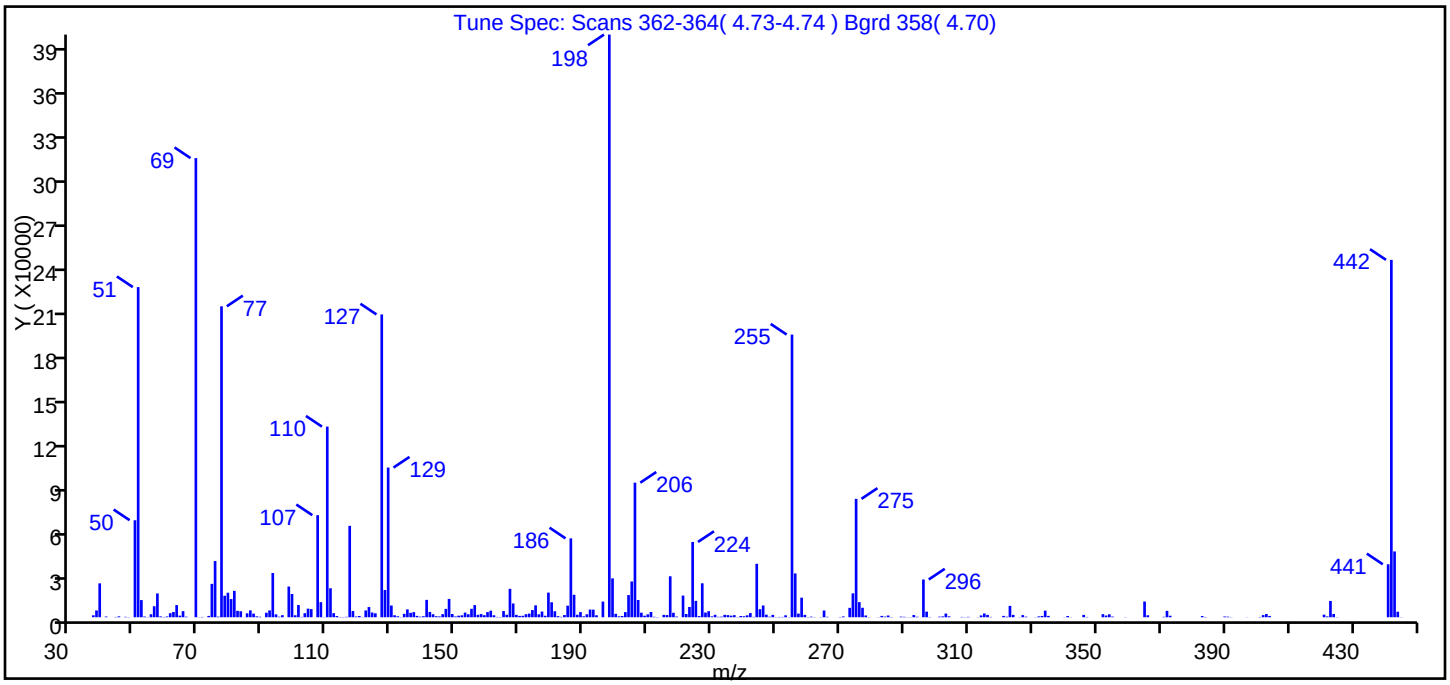
Processing Flags
7 - Failed Limit of Detection

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

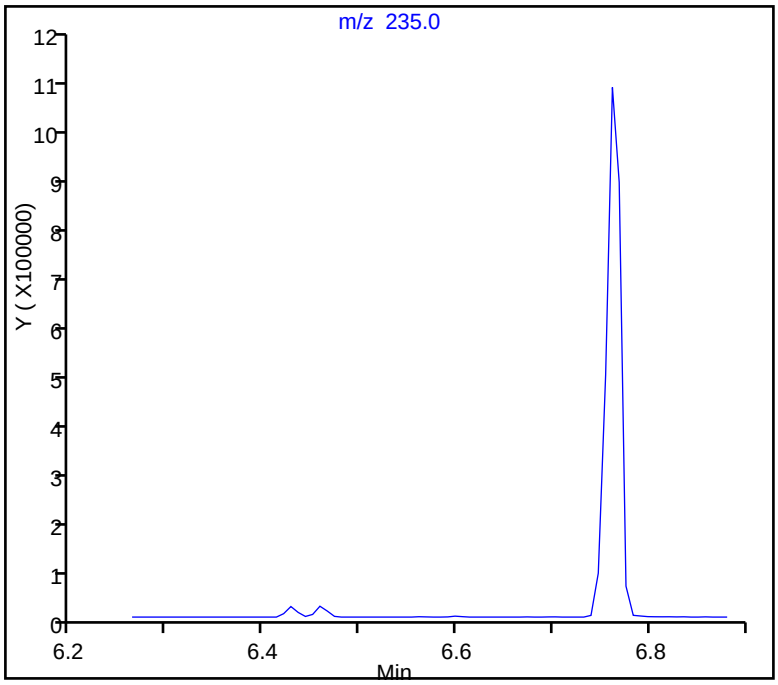
m/z	Y	m/z	Y	m/z	Y	m/z	Y
115.00	173	190.00	618	273.00	6375	425.00	132
116.00	301	191.00	2003	274.00	16191	441.00	35848
117.00	61848	192.00	5213	275.00	80128	442.00	241856
118.00	4224	193.00	5148	276.00	10234	443.00	44552
119.00	495	194.00	1361	277.00	6418	444.00	3739
120.00	861	196.00	10614	278.00	1204	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

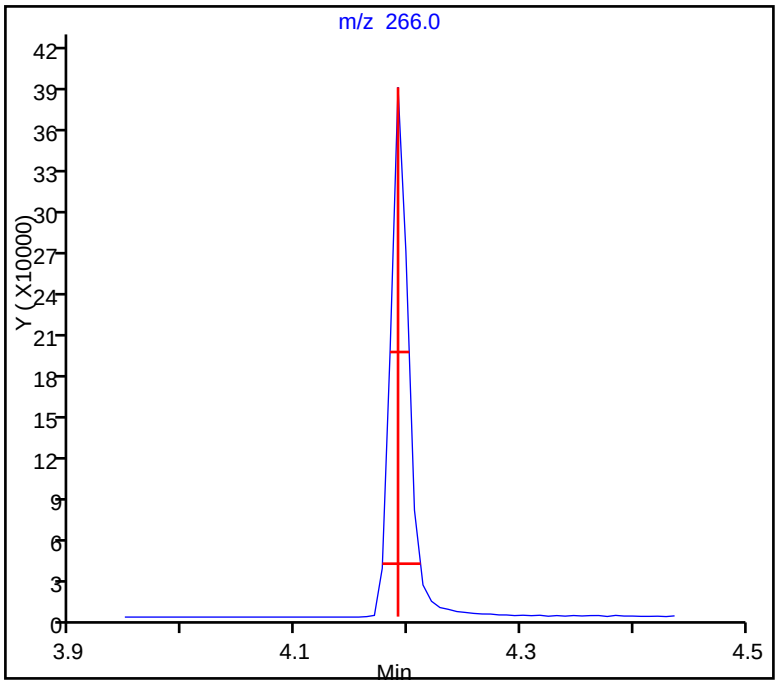
Data File:	\\EDICHROM\ChromData\CBNAMS6\20130831-4188.b\M68895.D		
Injection Date:	31-Aug-2013 10:55:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	179169	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

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

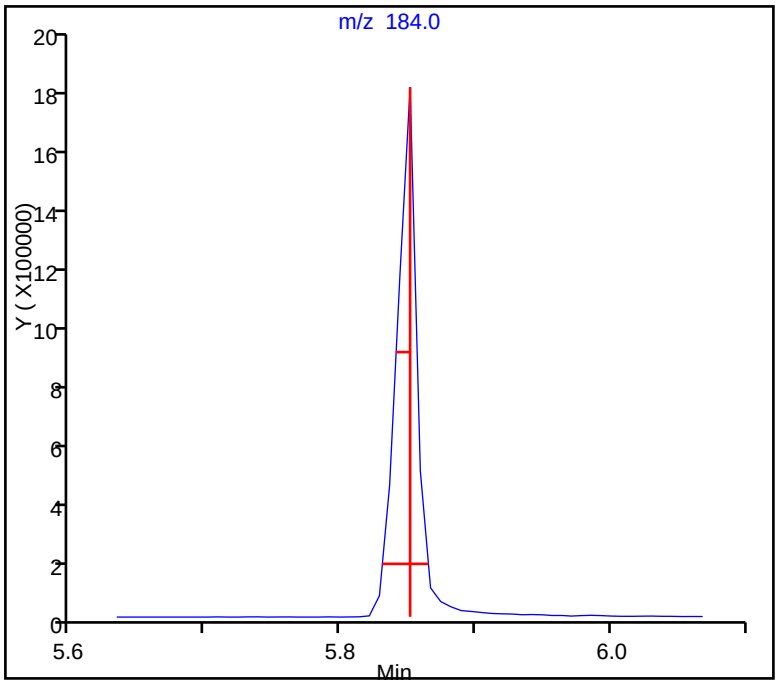
Data File:	\\EDICHROM\ChromData\CBNAMS6\20130831-4188.b\M68895.D		
Injection Date:	31-Aug-2013 10:55:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	179169	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

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

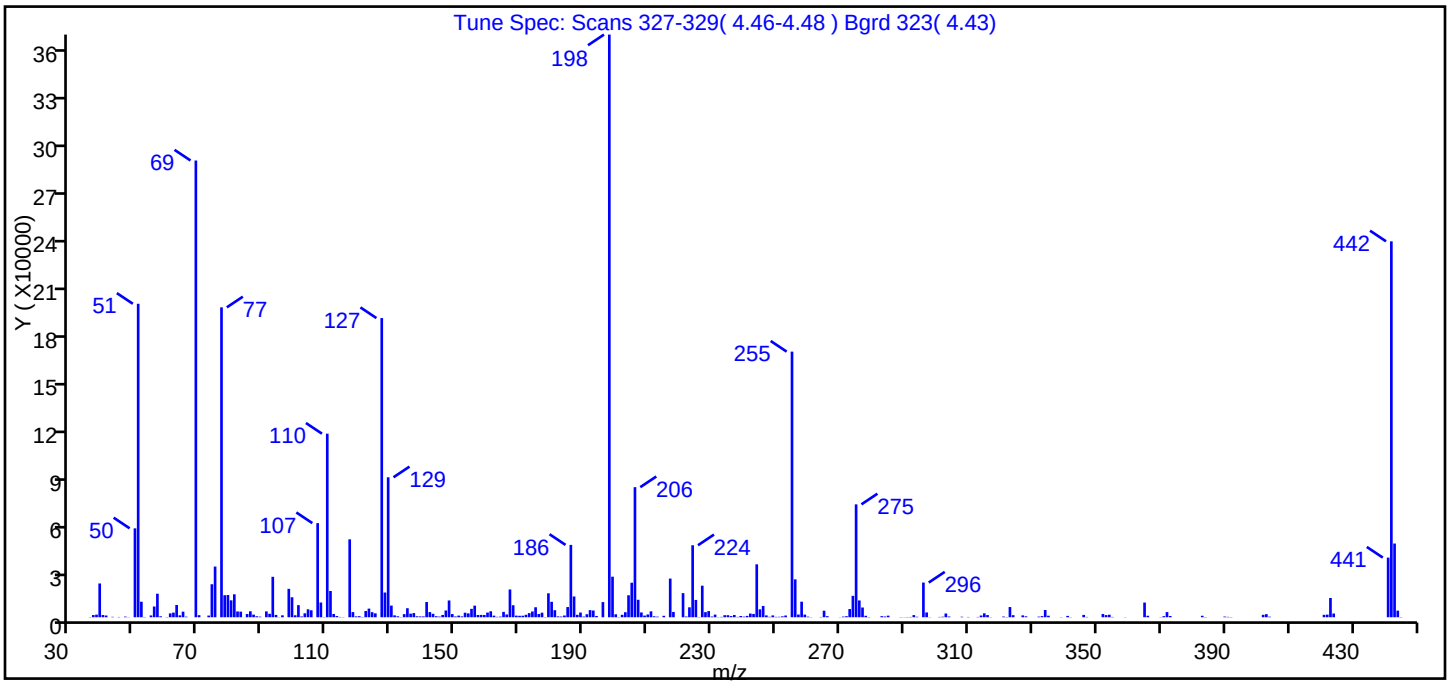
Processing Flags
7 - Failed Limit of Detection

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

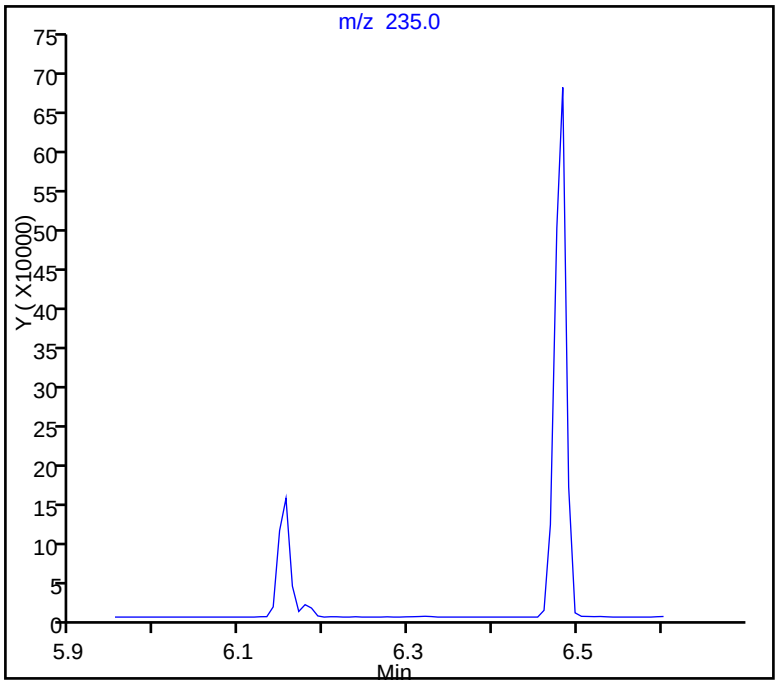
m/z	Y	m/z	Y	m/z	Y	m/z	Y
118.00	3232	190.00	416	273.00	5150	444.00	4153
119.00	557	191.00	1892	274.00	13429	445.00	159
120.00	676	192.00	4481	275.00	70808		
121.00	177	193.00	4221	276.00	10545		

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

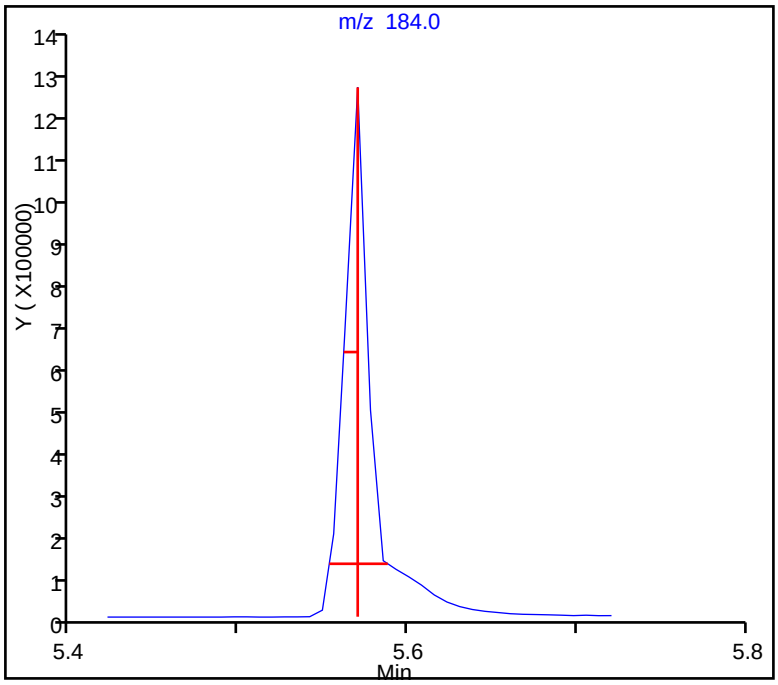
Data File:	\\EDICHROM\ChromData\CBNAMS6\20130918-4746.b\M69497.D		
Injection Date:	18-Sep-2013 02:30:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	181879	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

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

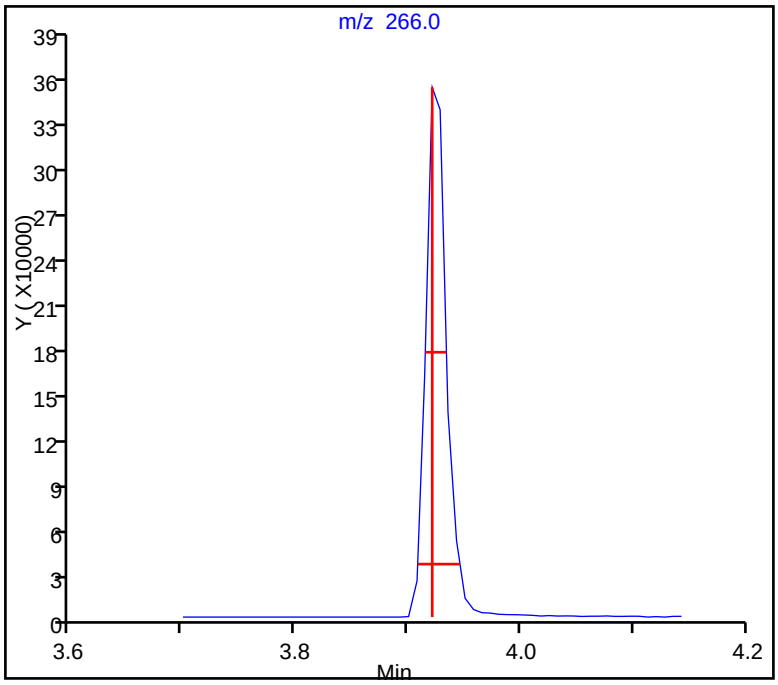
Data File:	\\EDICHROM\ChromData\CBNAMS6\20130918-4746.b\M69497.D		
Injection Date:	18-Sep-2013 02:30:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	181879	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

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\20130919-4793.b\M69557.D		
Lims ID:	DFTPP	Client ID:	
Inject. Date:	19-Sep-2013 04:18:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	460-0004793-001		
Misc. Info.:	dftpp		
Operator:		Instrument ID:	CBNAMS6
Injection Vol:	5.0 ul	ALS Bottle#:	1
Lims Batch ID:	182076	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS6\20130919-4793.b\8270LVI_6.m		
Last Update:	20-Sep-2013 16:06:18	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: 19-Sep-2013 04:27:03

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	3.904	3.904	0.0	84	468941	0	7
89 Benzidine_T	184	5.550	5.550	0.0	98	1555077	0	7
120 DFTPP								
115 4,4'-DDE	246	6.115	6.115	0.0	1	1744	0	7
114 4,4'-DDD	235	6.160	6.160	0.0	74	21049	0	7
116 4,4'-DDT	235	6.466	6.466	0.0	95	931618	0	7

QC Flag Legend

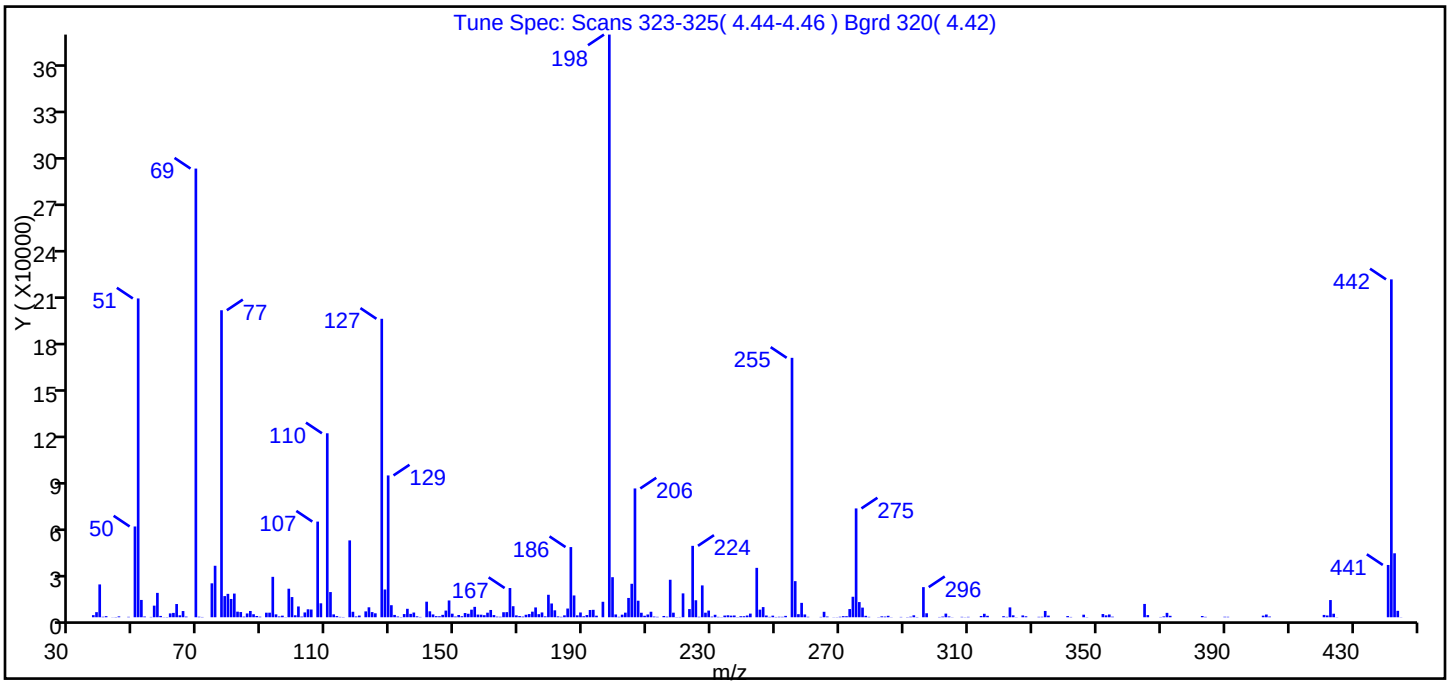
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS6\20130919-4793.b\M69557.D		
Injection Date:	19-Sep-2013 04:18:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	182076	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	54.72
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	77.00
70	Less than 2.00% of mass 69	0.09 (0.12)
127	40.00 - 60.00% of mass 198	51.22
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.88
275	10.00 - 30.00% of mass 198	18.68
365	Greater than 1.00% of mass 198	2.29
441	Present, but less than mass 443%	8.97 (81.75)
442	Greater than 40.00% of mass 198	57.99
443	17.00 - 23.00% of mass 442	10.98 (18.93)

Data File: \\EDICHROM\ChromData\CBNAMS6\20130919-4793.b\M69557.D\8270LVI_6.rslt\spectra.d
Injection Date: 19-Sep-2013 04:18:30
Spectrum: Tune Spec: Scans 323-325(4.44-4.46) Bgrd 320(4.42)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 281

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	1368	123.00	6481	198.00	379328	277.00	6285
38.00	3317	124.00	3356	199.00	26080	278.00	938
39.00	21376	125.00	2563	200.00	1824	279.00	273
40.00	342	127.00	194304	201.00	301	282.00	129
41.00	726	128.00	18080	202.00	1678	283.00	593
43.00	91	129.00	92328	203.00	2989	284.00	442
44.00	161	130.00	7847	204.00	12568	285.00	951
45.00	564	131.00	1520	205.00	21792	286.00	113
48.00	282	132.00	506	206.00	83856	289.00	221
50.00	59104	133.00	177	207.00	10775	291.00	157
51.00	207552	134.00	2072	208.00	2933	292.00	351
52.00	11266	135.00	5506	209.00	971	293.00	1270
53.00	478	136.00	2203	210.00	1792	294.00	172
55.00	218	137.00	3073	211.00	3589	296.00	19616
56.00	7555	138.00	596	212.00	453	297.00	2602
57.00	15865	139.00	210	213.00	288	301.00	188
58.00	868	141.00	10138	215.00	829	302.00	441
59.00	110	142.00	3870	216.00	378	303.00	2378
60.00	152	143.00	1846	217.00	24408	304.00	505
61.00	2514	144.00	719	218.00	2976	305.00	104
62.00	2833	145.00	651	219.00	152	308.00	273
63.00	8617	146.00	1568	220.00	194	309.00	105
64.00	1270	147.00	4348	221.00	15544	310.00	270
65.00	4040	148.00	10934	223.00	5332	314.00	823
66.00	426	149.00	2328	224.00	46496	315.00	2260
69.00	292096	150.00	464	225.00	11065	316.00	939
70.00	342	151.00	1470	226.00	318	321.00	685
71.00	190	152.00	678	227.00	20736	322.00	267
74.00	22096	153.00	2755	228.00	2968	323.00	6420
75.00	33520	154.00	2274	229.00	4348	324.00	1248
77.00	199872	155.00	4935	230.00	411	325.00	115
78.00	13774	156.00	6773	231.00	1609	327.00	1190
79.00	15236	157.00	1743	232.00	271	328.00	624

Report Date: 20-Sep-2013 16:06:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS6\20130919-4793.b\M69557.D\8270LVI_6.rslt\spectra.d
Injection Date: 19-Sep-2013 04:18:30
Spectrum: Tune Spec: Scans 323-325(4.44-4.46) Bgrd 320(4.42)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 281

m/z	Y	m/z	Y	m/z	Y	m/z	Y
80.00	11912	158.00	1666	233.00	132	332.00	283
81.00	15417	159.00	1334	234.00	1101	333.00	322
82.00	3643	160.00	2975	235.00	1277	334.00	4103
83.00	3387	161.00	4738	236.00	1056	335.00	1057
84.00	416	162.00	1404	237.00	1159	341.00	773
85.00	2478	163.00	410	238.00	145	342.00	208
86.00	4092	164.00	322	239.00	671	346.00	1665
87.00	1969	165.00	3271	240.00	673	347.00	134
88.00	821	166.00	3331	241.00	1130	352.00	2099
89.00	369	167.00	19024	242.00	2373	353.00	1229
91.00	2970	168.00	7186	244.00	32160	354.00	1805
92.00	2976	169.00	1224	245.00	4946	355.00	388
93.00	26312	170.00	782	246.00	6615	365.00	8669
94.00	1890	171.00	447	247.00	1141	366.00	1408
95.00	540	172.00	1636	248.00	263	370.00	192
96.00	1038	173.00	2072	249.00	1040	371.00	564
97.00	108	174.00	3641	250.00	192	372.00	2859
98.00	18584	175.00	6394	251.00	333	373.00	945
99.00	13143	176.00	2014	252.00	293	383.00	820
100.00	1274	177.00	3132	253.00	903	384.00	272
101.00	7029	178.00	582	255.00	168896	390.00	328
102.00	425	179.00	14632	256.00	23504	391.00	303
103.00	3133	180.00	8964	257.00	2011	402.00	1047
104.00	5182	181.00	4517	258.00	9374	403.00	1774
105.00	5038	182.00	565	259.00	1829	404.00	482
107.00	62280	183.00	288	260.00	309	421.00	1516
108.00	9085	184.00	1245	264.00	234	422.00	1152
110.00	119768	185.00	5677	265.00	3552	423.00	11205
111.00	16400	186.00	45688	266.00	464	424.00	2302
112.00	1875	187.00	14187	268.00	100	425.00	108
113.00	755	188.00	1251	269.00	113	441.00	34040
114.00	236	189.00	3109	270.00	330	442.00	219968
115.00	176	190.00	645	271.00	714	443.00	41640
117.00	50040	191.00	1429	272.00	678	444.00	4186

Report Date: 20-Sep-2013 16:06:19 Chrom Revision: 2.1 25-Jul-2013 20:19:50
Data File: \\EDICHROM\ChromData\CBNAMS6\20130919-4793.b\M69557.D\8270LVI_6.rslt\spectra.d
Injection Date: 19-Sep-2013 04:18:30
Spectrum: Tune Spec: Scans 323-325(4.44-4.46) Bgrd 320(4.42)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 281

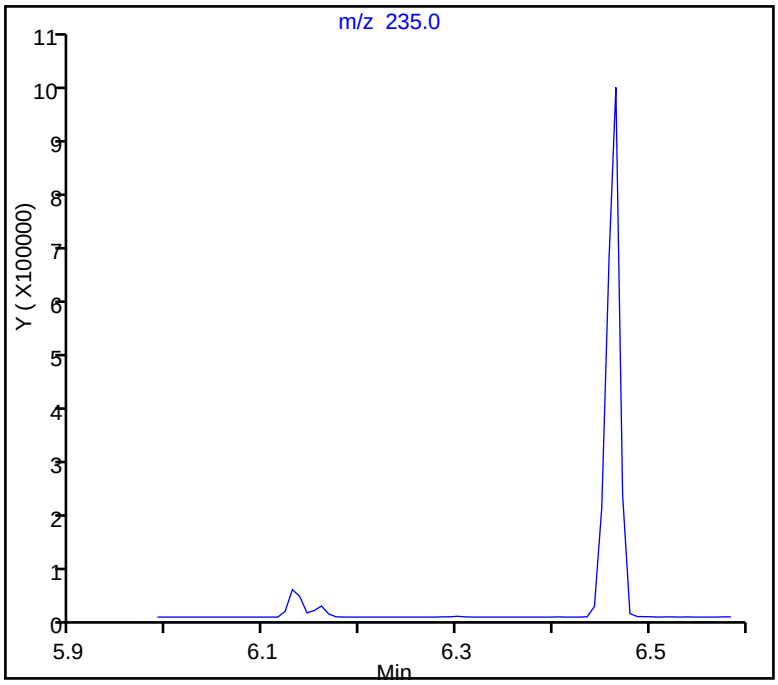
m/z	Y	m/z	Y	m/z	Y	m/z	Y
118.00	3573	192.00	4715	273.00	5336	445.00	109
119.00	507	193.00	4843	274.00	13341		
120.00	1111	194.00	1026	275.00	70848		
122.00	3821	196.00	10078	276.00	9885		

Breakdown Report

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS6\20130919-4793.b\M69557.D		
Injection Date:	19-Sep-2013 04:18:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	182076	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 = 931618
114 4,4'-DDD, Area = 21049
115 4,4'-DDE, Area = 1744

%Breakdown: 2.39%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

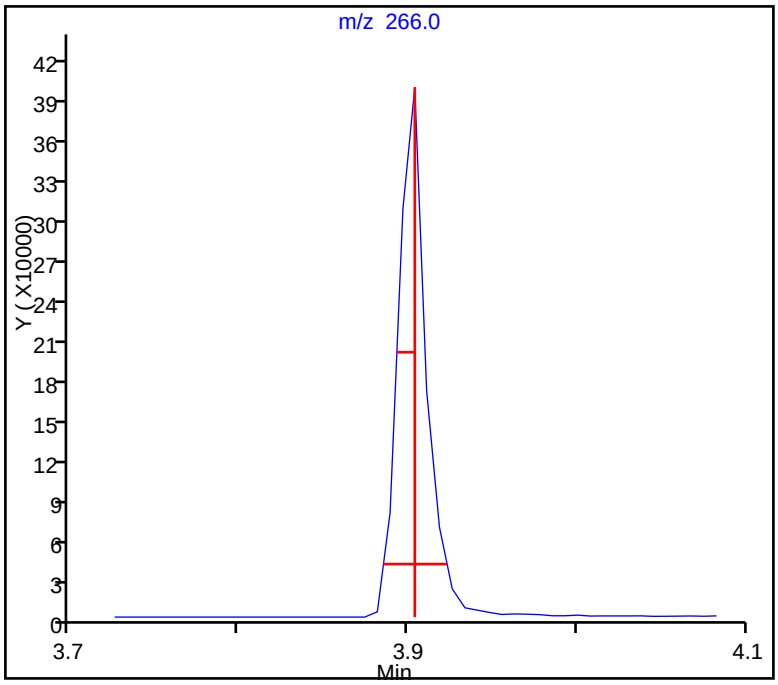
Data File:	\\EDICHROM\ChromData\CBNAMS6\20130919-4793.b\M69557.D		
Injection Date:	19-Sep-2013 04:18:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	182076	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.019 (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\20130919-4793.b\M69557.D

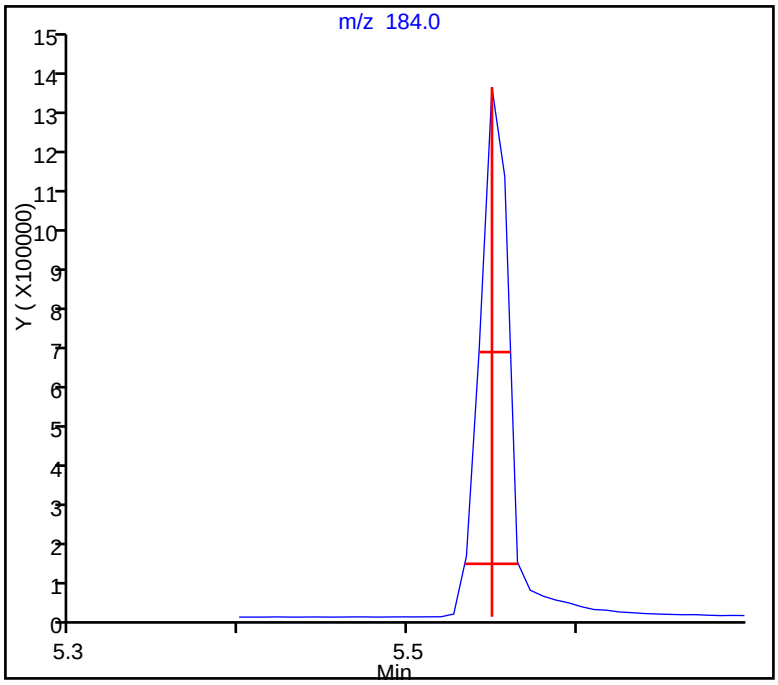
Injection Date:	19-Sep-2013 04:18:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	182076	Lims Sample ID:	1
Operator ID:		Injection Vol:	5.0 ul
Column Type:	Rtxi-5Sil MS	Column Dia:	0.25 mm

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.016 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.0, Max. Tailing < 3.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS6\20130920-4853.b\M69614.D
Lims ID: DFTPP Lab Sample ID:
Client ID:
Sample Type: DFTPP
Inject. Date: 20-Sep-2013 13:48:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0004828-001
Misc. Info.: dftpp
Operator ID: Instrument ID: CBNAMS6

Method: \\EDICHROM\ChromData\CBNAMS6\20130920-4853.b\8270LVI_6.m
Limit Group: SV 8270 ICAL
Last Update: 24-Sep-2013 14:33:22 Calib Date: 31-Aug-2013 13:07:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS6\20130831-4188.b\M68901.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Detector MS SCAN
Process Host: XAWRK022

First Level Reviewer: ranav Date: 20-Sep-2013 14:05:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	3.889	3.889	0.0	78	617597	0	7
89 Benzidine_T	184	5.537	5.537	0.0	97	2011300	0	7
120 DFTPP								
114 4,4'-DDD	235	6.147	6.147	0.0	76	26939	0	7
116 4,4'-DDT	235	6.452	6.452	0.0	94	1460520	0	7

QC Flag Legend

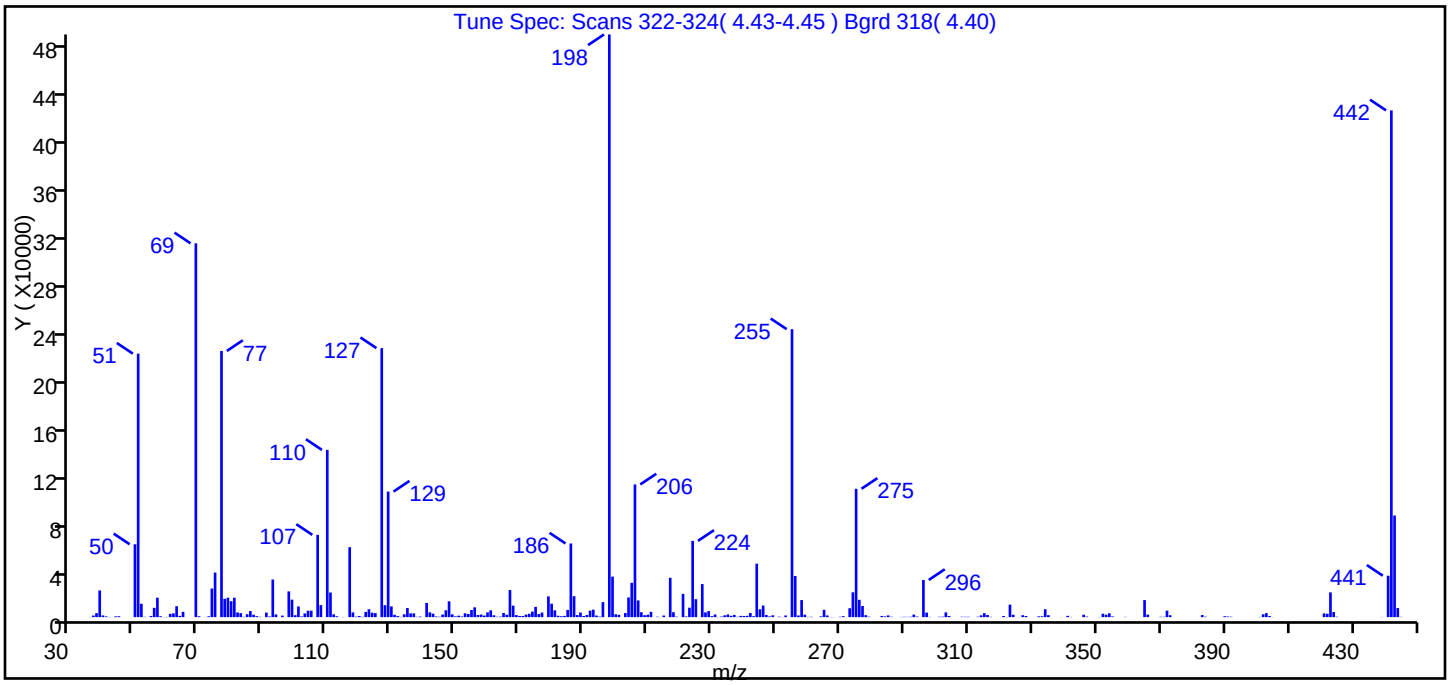
Processing Flags
7 - Failed Limit of Detection

MS Tune Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS6\20130920-4853.b\M69614.D
Injection Date: 20-Sep-2013 13:48:30 Instrument ID: CBNAMS6
Lims ID: DFTPP Lab Sample ID:
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_6 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	45.22
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	64.16
70	Less than 2.00% of mass 69	0.15 (0.24)
127	40.00 - 60.00% of mass 198	46.17
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.95
275	10.00 - 30.00% of mass 198	22.03
365	Greater than 1.00% of mass 198	2.93
441	Present, but less than mass 443%	7.11 (40.77)
442	Greater than 40.00% of mass 198	86.98
443	17.00 - 23.00% of mass 442	17.45 (20.06)

Data File: \\EDICHROM\ChromData\CBNAMS6\20130920-4853.b\M69614.D\8270LVI_6.rslt\spectra.d
Injection Date: 20-Sep-2013 13:48:30
Spectrum: Tune Spec: Scans 322-324(4.43-4.45) Bgrd 318(4.40)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 284

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	99	125.00	3360	200.00	2374	286.00	325
37.00	1323	127.00	223936	201.00	1953	289.00	162
38.00	3336	128.00	9946	203.00	3418	290.00	294
39.00	22200	129.00	104512	204.00	16392	291.00	222
40.00	1412	130.00	8901	205.00	28560	292.00	324
41.00	635	131.00	1944	206.00	110464	293.00	2127
42.00	146	132.00	890	207.00	13921	294.00	485
44.00	669	133.00	200	208.00	4058	296.00	30952
45.00	769	134.00	2345	209.00	1628	297.00	3772
50.00	60664	135.00	7614	210.00	2049	298.00	195
51.00	219328	136.00	3111	211.00	4410	301.00	335
52.00	11165	137.00	3117	213.00	346	302.00	411
53.00	265	138.00	268	215.00	1347	303.00	3968
55.00	995	139.00	498	217.00	32744	304.00	944
56.00	7743	141.00	11832	218.00	4091	308.00	317
57.00	16169	142.00	4002	219.00	407	309.00	319
58.00	736	143.00	2878	221.00	19416	310.00	330
59.00	115	144.00	561	222.00	565	313.00	340
60.00	155	145.00	328	223.00	7868	314.00	1491
61.00	2750	146.00	2154	224.00	63488	315.00	3280
62.00	3122	147.00	5724	225.00	14941	316.00	1821
63.00	9116	148.00	13206	227.00	27544	317.00	284
64.00	1111	149.00	2301	228.00	3964	321.00	960
65.00	4421	150.00	656	229.00	5060	322.00	133
69.00	311168	151.00	1239	230.00	857	323.00	10410
70.00	741	152.00	578	231.00	2200	324.00	2008
72.00	111	153.00	3216	232.00	129	326.00	106
73.00	719	154.00	2585	233.00	499	327.00	1618
74.00	23816	155.00	5948	234.00	1517	328.00	955
75.00	37104	156.00	8167	235.00	2256	332.00	706
77.00	221568	157.00	1820	236.00	1105	333.00	701
78.00	15269	158.00	2177	237.00	1823	334.00	6586
79.00	16120	159.00	1334	238.00	283	335.00	1642

Report Date: 24-Sep-2013 14:33:22 Chrom Revision: 2.1 16-Sep-2013 13:53:52
Data File: \\EDICHROM\ChromData\CBNAMS6\20130920-4853.b\M69614.D\8270LVI_6.rslt\spectra.d
Injection Date: 20-Sep-2013 13:48:30
Spectrum: Tune Spec: Scans 322-324(4.43-4.45) Bgrd 318(4.40)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 284

m/z	Y	m/z	Y	m/z	Y	m/z	Y
80.00	13274	160.00	4000	239.00	1064	339.00	103
81.00	16188	161.00	5701	240.00	984	341.00	1070
82.00	3909	162.00	1545	241.00	1121	342.00	192
83.00	3312	163.00	332	242.00	3436	346.00	2032
84.00	282	164.00	421	243.00	783	347.00	466
85.00	2438	165.00	3458	244.00	44520	351.00	150
86.00	5092	166.00	2017	245.00	6530	352.00	2841
87.00	2024	167.00	22552	246.00	9638	353.00	2060
88.00	800	168.00	9576	247.00	1768	354.00	3212
89.00	316	169.00	1714	248.00	619	355.00	593
91.00	3788	170.00	1011	249.00	1541	359.00	233
92.00	528	171.00	989	251.00	384	365.00	14197
93.00	31312	172.00	2091	252.00	152	366.00	2118
94.00	2214	173.00	2806	253.00	1380	370.00	313
96.00	1280	174.00	4629	255.00	239680	371.00	279
98.00	21424	175.00	8577	256.00	34240	372.00	5390
99.00	14550	176.00	2606	257.00	1404	373.00	1566
100.00	1604	177.00	3821	258.00	14212	383.00	1778
101.00	8863	179.00	17296	259.00	2026	384.00	379
102.00	574	180.00	11203	260.00	190	390.00	758
103.00	3089	181.00	5671	261.00	322	391.00	536
104.00	5357	182.00	1159	264.00	672	392.00	336
105.00	5360	183.00	766	265.00	6081	401.00	176
107.00	68488	184.00	1037	266.00	1400	402.00	2340
108.00	10015	185.00	5995	267.00	164	403.00	3351
110.00	139200	186.00	61312	268.00	105	404.00	915
111.00	20472	187.00	17456	270.00	328	405.00	101
112.00	2333	188.00	1745	271.00	801	421.00	3130
113.00	723	189.00	3837	273.00	7410	422.00	2851
115.00	164	190.00	934	274.00	20664	423.00	20616
117.00	58240	191.00	1848	275.00	106824	424.00	4317
118.00	3929	192.00	5427	276.00	14402	425.00	349
119.00	403	193.00	6232	277.00	9258	439.00	150
120.00	925	194.00	1330	278.00	1647	441.00	34496

Report Date: 24-Sep-2013 14:33:22 Chrom Revision: 2.1 16-Sep-2013 13:53:52
Data File: \\EDICHROM\ChromData\CBNAMS6\20130920-4853.b\M69614.D\8270LVI_6.rslt\spectra.d
Injection Date: 20-Sep-2013 13:48:30
Spectrum: Tune Spec: Scans 322-324(4.43-4.45) Bgrd 318(4.40)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 284

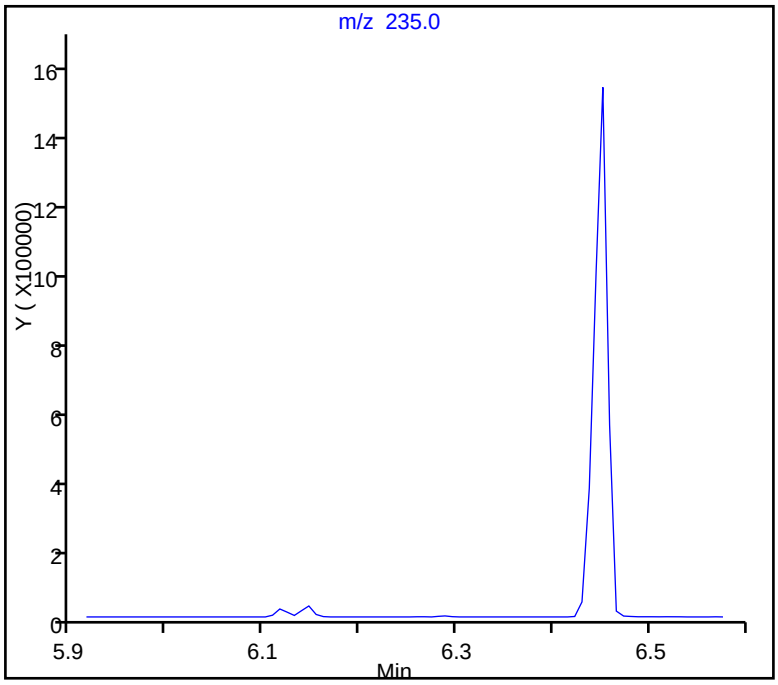
m/z	Y	m/z	Y	m/z	Y	m/z	Y
121.00	279	195.00	460	279.00	402	442.00	421824
122.00	4357	196.00	12487	283.00	1002	443.00	84608
123.00	6579	198.00	484992	284.00	610	444.00	7569
124.00	3718	199.00	33728	285.00	1443	445.00	221

Breakdown Report

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS6\20130920-4853.b\M69614.D
Injection Date: 20-Sep-2013 13:48:30 Instrument ID: CBNAMS6
Lims ID: DFTPP Lab Sample ID:
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_6 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 = 1460520
114 4,4'-DDD, Area = 26939
115 4,4'-DDE, Area = 0

%Breakdown: 1.81%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

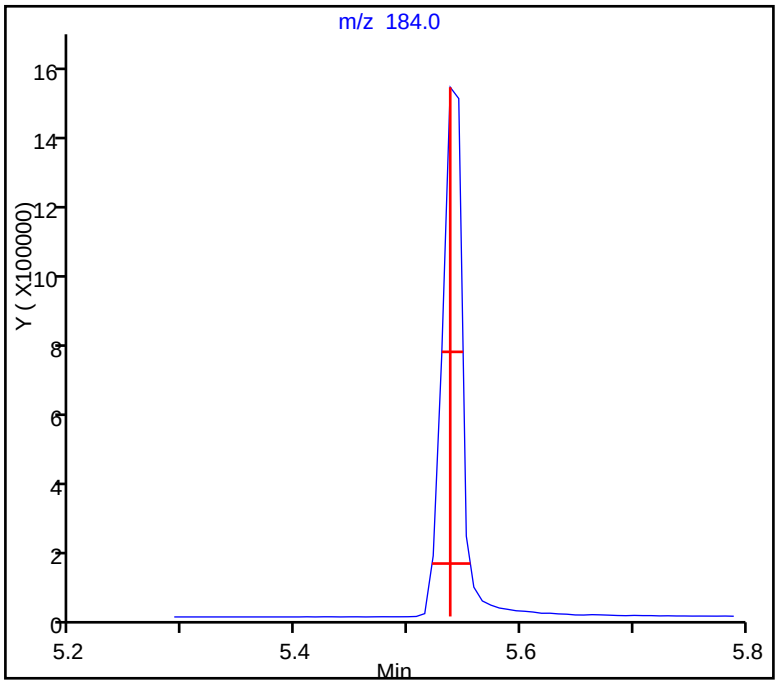
Data File: \\EDICHROM\ChromData\CBNAMS6\20130920-4853.b\M69614.D
Injection Date: 20-Sep-2013 13:48:30 Instrument ID: CBNAMS6
Lims ID: DFTPP Lab Sample ID:
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_6 Limit Group: SV 8270 ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.1, Max. Tailing < 3.00
Passed



Peak Tailing Report

TestAmerica Edison

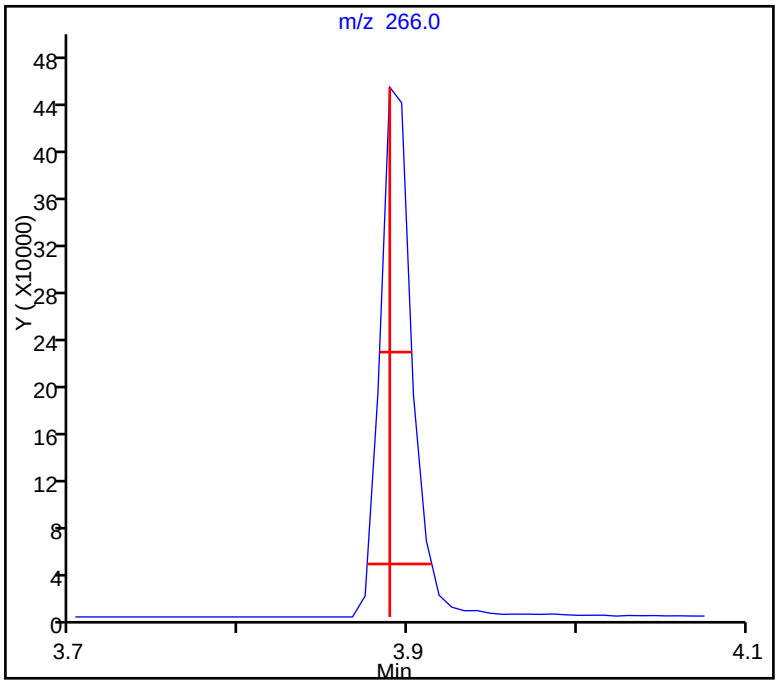
Data File: \\EDICHROM\ChromData\CBNAMS6\20130920-4853.b\M69614.D
Injection Date: 20-Sep-2013 13:48:30 Instrument ID: CBNAMS6
Lims ID: DFTPP Lab Sample ID:
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_6 Limit Group: SV 8270 ICAL

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



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181416/1-A

Matrix: Solid | Lab File ID: z3106.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.00(g) | Date Analyzed: 09/15/2013 22:34

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.: 181524 | 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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181416/1-A

Matrix: Solid | Lab File ID: z3106.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.00(g) | Date Analyzed: 09/15/2013 22:34

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.: 181524 | 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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181416/1-A

Matrix: Solid | Lab File ID: z3106.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.00(g) | Date Analyzed: 09/15/2013 22:34

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.: 181524 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	73		10-120
4165-62-2	Phenol-d5	80		41-118
367-12-4	2-Fluorophenol	78		37-125
4165-60-0	Nitrobenzene-d5	84		38-105
321-60-8	2-Fluorobiphenyl	80		40-109
1718-51-0	Terphenyl-d14	96		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181416/1-A

Matrix: Solid | Lab File ID: z3106.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.00(g) | Date Analyzed: 09/15/2013 22:34

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.: 181524 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 3820

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	1.22	3820	A J

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3106.d
Report Date: 16-Sep-2013 10:14

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3106.d
Lab Smp Id: MB 460-181416/1-A
Inj Date : 15-SEP-2013 22:34
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : MB 460-181416/1-A
Misc Info : MB 460-181416/1-A
Comment :
Method : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/8270C_11.m
Meth Date : 15-Sep-2013 18:43 czhao Quant Type: ISTD
Cal Date : 06-SEP-2013 18:21 Cal File: z26655.d
Als bottle: 4 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

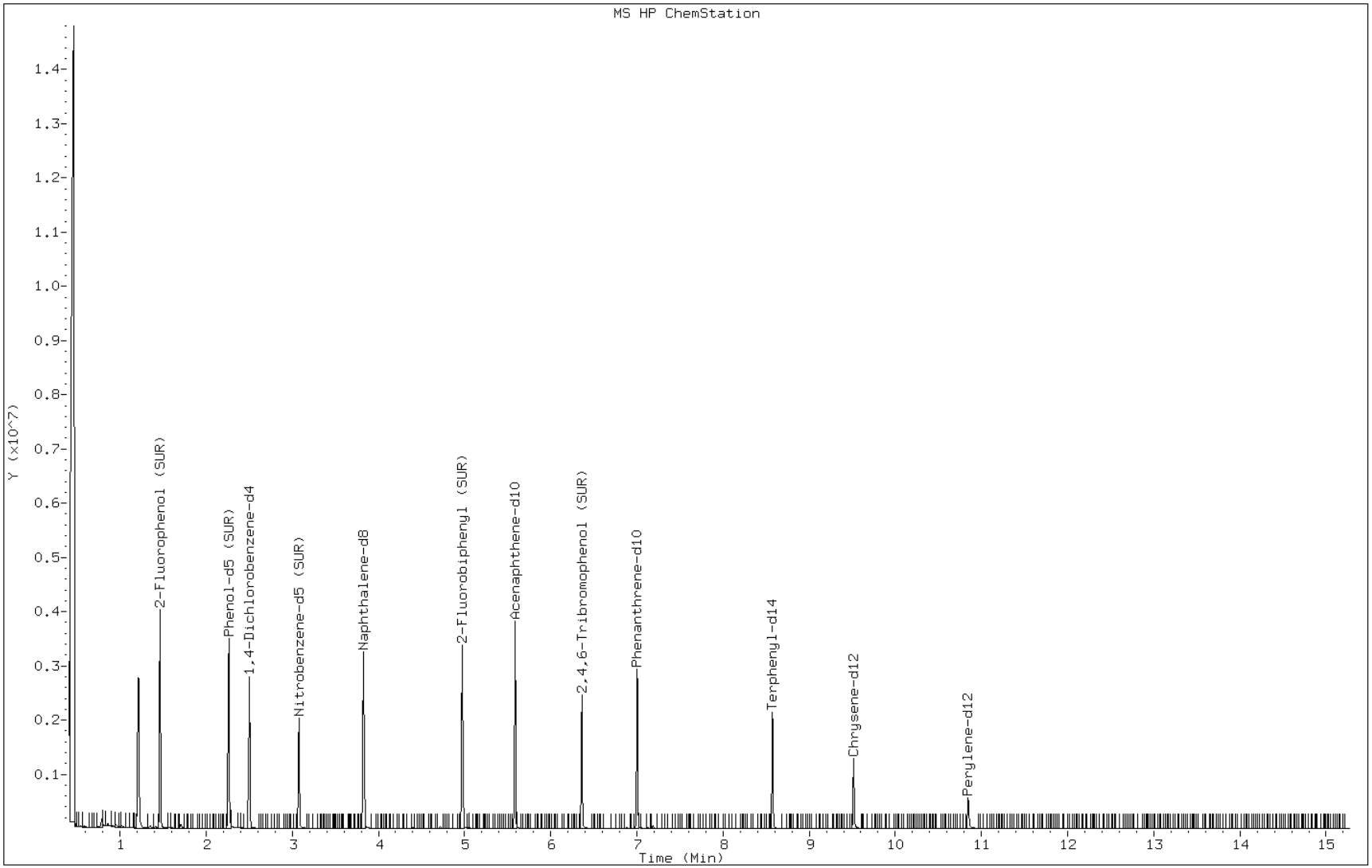
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	1.462	1.433	(0.584)	1079522	77.6164	5200
$ 17 Phenol-d5 (SUR)	99	2.268	2.274	(0.906)	1371399	80.4390	5400
* 79 1,4-Dichlorobenzene-d4	152	2.503	2.509	(1.000)	426350	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.080	3.097	(0.804)	697280	41.8179	2800
* 80 Naphthalene-d8	136	3.833	3.844	(1.000)	1634098	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	4.980	4.985	(0.891)	1161093	39.8134	2600
* 82 Acenaphthene-d10	164	5.591	5.597	(1.000)	815001	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.362	6.368	(1.138)	265010	72.8367	4800
* 83 Phenanthrene-d10	188	7.003	7.009	(1.000)	1129973	40.0000	
$ 78 Terphenyl-d14	244	8.573	8.573	(0.901)	725039	48.0327	3200
* 81 Chrysene-d12	240	9.515	9.520	(1.000)	495370	40.0000	
* 84 Perylene-d12	264	10.844	10.850	(1.000)	288551	40.0000	

Data File: z3106.d

Date: 15-SEP-2013 22:34

Client ID: Instrument: BNAMS11.i

Sample Info: MB 460-181416/1-A Operator: BNAMS 4



Data File: z3106.d

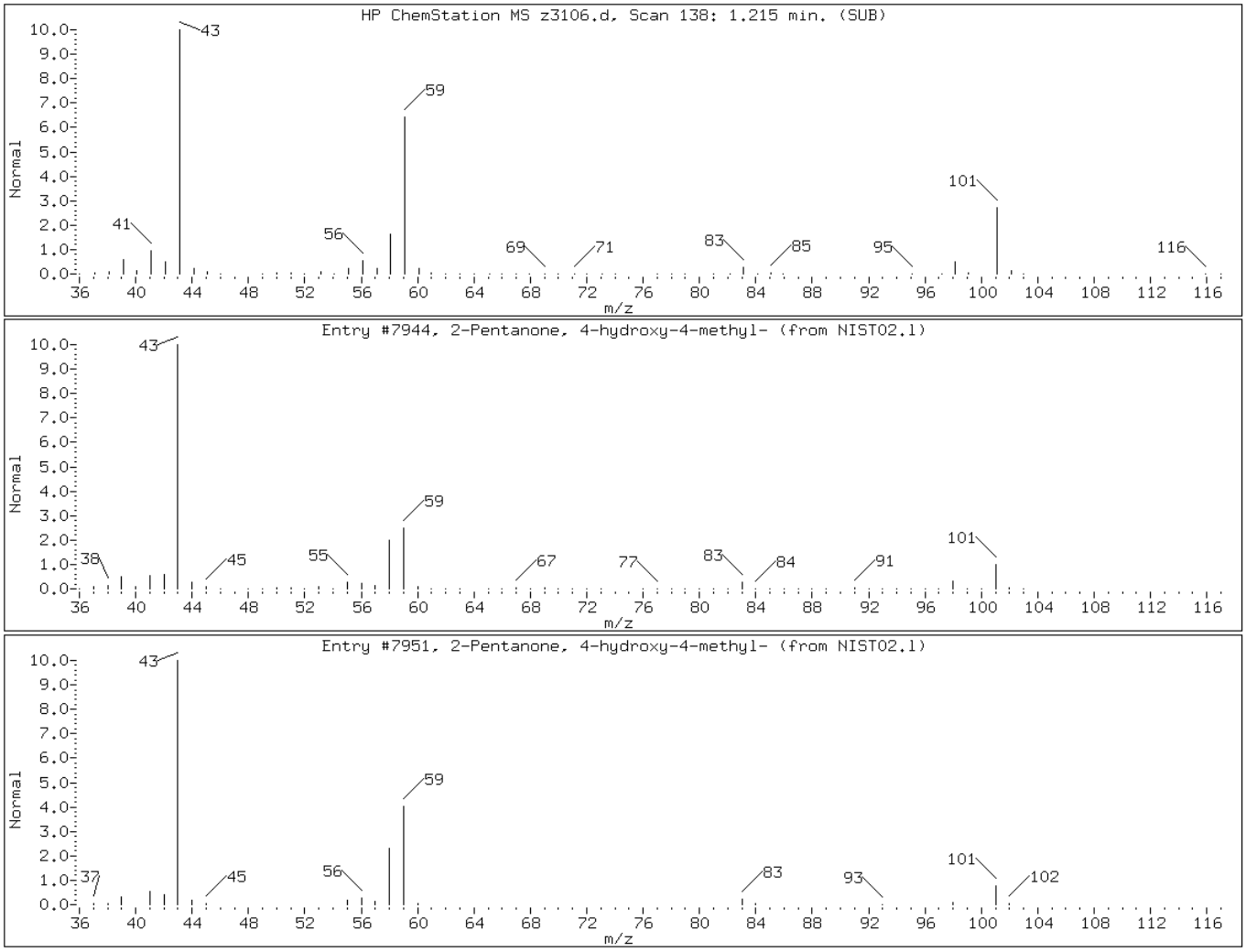
Date: 15-SEP-2013 22:34

Client ID: Instrument: BNAMS11.i

Sample Info: MB 460-181416/1-A Operator: BNAMS 4

Retention Time: 1.22

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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181497/1-A

Matrix: Solid | Lab File ID: U90991.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 03:49

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.: 182070 | 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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181497/1-A

Matrix: Solid | Lab File ID: U90991.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 03:49

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.: 182070 | 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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181497/1-A

Matrix: Solid | Lab File ID: U90991.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 03:49

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.: 182070 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	102		10-120
4165-62-2	Phenol-d5	108		41-118
367-12-4	2-Fluorophenol	103		37-125
4165-60-0	Nitrobenzene-d5	82		38-105
321-60-8	2-Fluorobiphenyl	75		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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181497/1-A

Matrix: Solid | Lab File ID: U90991.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 03:49

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.: 182070 | 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\CBNAMS4\20130919-4790.b\U90991.D
Lims ID: MB 460-181497/1-A
Client ID:
Inject. Date: 19-Sep-2013 03:49:30
Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 460-0004790-007
Misc. Info.:
Operator:
Instrument ID: CBNAMS4
Injection Vol: 1.0 ul
ALS Bottle#: 7
Lims Batch ID: 182070
Lims Sample ID: 7
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m
Last Update: 19-Sep-2013 14:44:02
Calib Date: 18-Sep-2013 15:35:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90967.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: asfawa
Date: 19-Sep-2013 04:54:15

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.745	2.740	0.005	84	643124	103.2	
$ 6 Phenol-d5	99	3.683	3.692	-0.009	51	803468	108.3	
* 13 1,4-Dichlorobenzene-d4	152	4.011	4.017	-0.006	92	222035	40.0	
$ 25 Nitrobenzene-d5	82	4.572	4.588	-0.016	95	531178	40.9	
* 35 Naphthalene-d8	136	5.295	5.304	-0.009	97	891031	40.0	
$ 48 2-Fluorobiphenyl	172	6.384	6.398	-0.014	96	838972	37.4	
* 61 Acenaphthene-d10	164	7.041	7.048	-0.007	92	634249	40.0	
$ 76 2,4,6-Tribromophenol	330	7.825	7.832	-0.007	88	603261	102.3	
* 83 Phenanthrene-d10	188	8.501	8.498	0.003	97	1389393	40.0	
87 Di-n-butyl phthalate	149	9.078	9.094	-0.016	88	6804	0.1497	
$ 91 Terphenyl-d14	244	10.067	10.069	-0.002	98	1857558	40.0	
* 96 Chrysene-d12	240	11.180	11.180	0.0	97	1791189	40.0	
* 103 Perylene-d12	264	13.005	13.002	0.003	97	1450381	40.0	

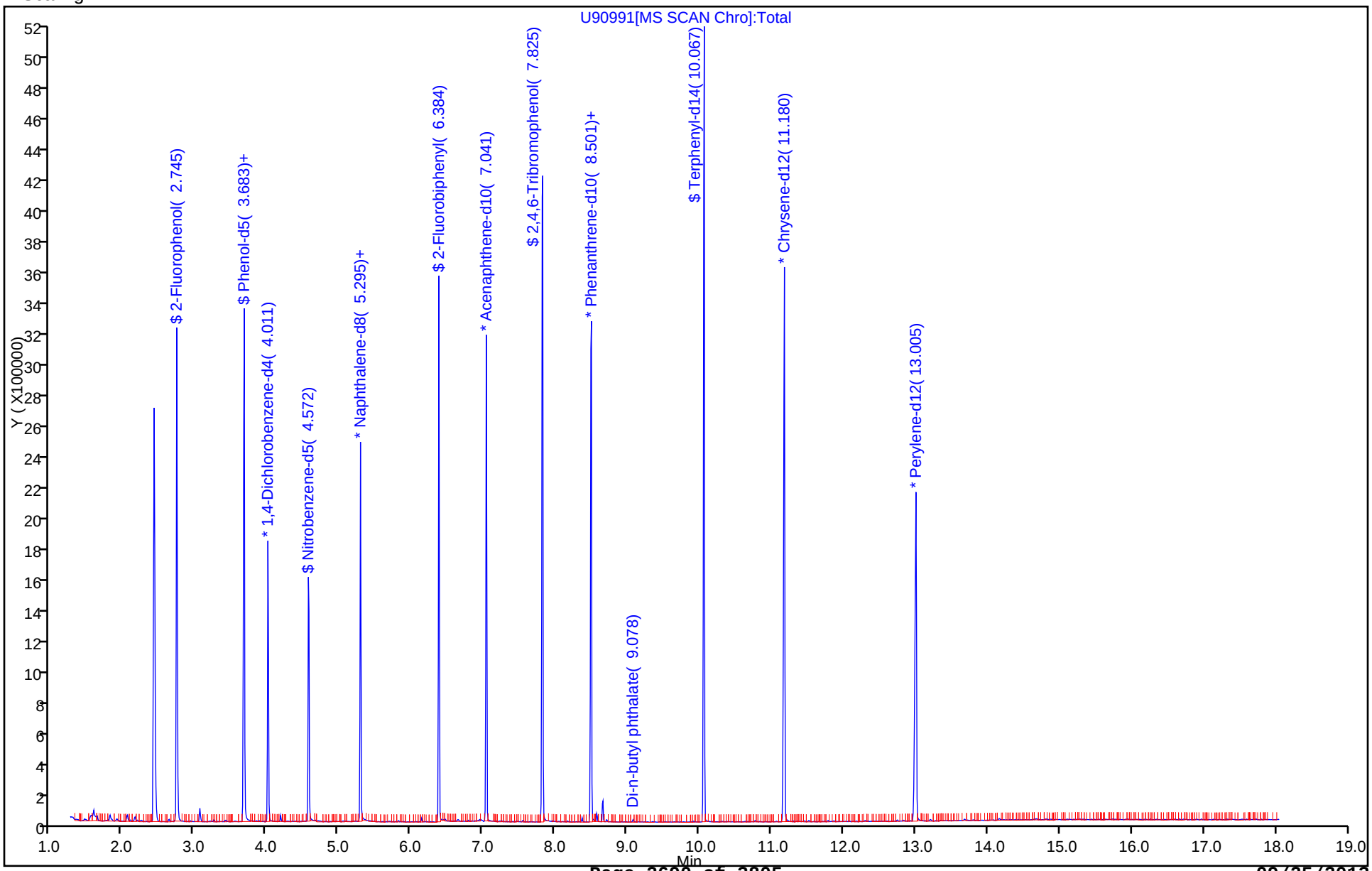
Report Date: 19-Sep-2013 14:45:15 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90991.D

Injection Date:	19-Sep-2013 03:49:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181498/1-A

Matrix: Solid | Lab File ID: z3181.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.00(g) | Date Analyzed: 09/17/2013 05:38

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.: 181752 | 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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181498/1-A

Matrix: Solid | Lab File ID: z3181.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.00(g) | Date Analyzed: 09/17/2013 05:38

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.: 181752 | 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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181498/1-A

Matrix: Solid | Lab File ID: z3181.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.00(g) | Date Analyzed: 09/17/2013 05:38

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.: 181752 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	56		10-120
4165-62-2	Phenol-d5	82		41-118
367-12-4	2-Fluorophenol	77		37-125
4165-60-0	Nitrobenzene-d5	80		38-105
321-60-8	2-Fluorobiphenyl	80		40-109
1718-51-0	Terphenyl-d14	100		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181498/1-A

Matrix: Solid | Lab File ID: z3181.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.00(g) | Date Analyzed: 09/17/2013 05:38

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.: 181752 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 5270

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	1.17	5270	A J

Data File: /chem/BNAMS11.i/8270/09-06-13/16sep13c.b/z3181.d
Report Date: 17-Sep-2013 11:01

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-06-13/16sep13c.b/z3181.d
Lab Smp Id: MB 460-181498/1-A
Inj Date : 17-SEP-2013 05:38
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : MB 460-181498/1-A
Misc Info :
Comment :
Method : /chem/BNAMS11.i/8270/09-06-13/16sep13c.b/8270C_11.m
Meth Date : 17-Sep-2013 00:23 asfawa Quant Type: ISTD
Cal Date : 06-SEP-2013 18:21 Cal File: z26655.d
Als bottle: 18 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

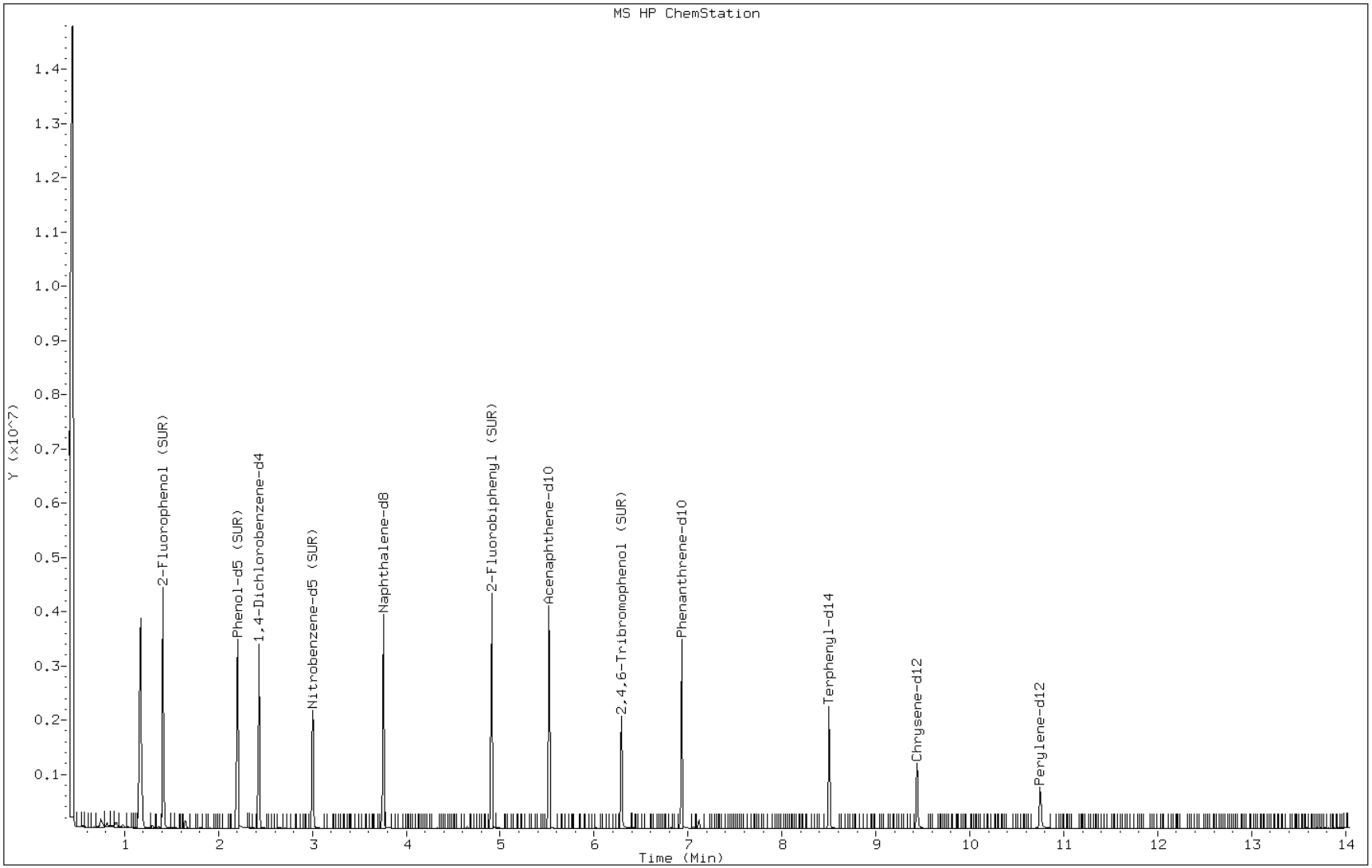
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	1.409	1.368	(0.579)	1298712	77.3413	5200
$ 17 Phenol-d5 (SUR)	99	2.209	2.209	(0.908)	1688862	82.0490	5500
* 79 1,4-Dichlorobenzene-d4	152	2.433	2.433	(1.000)	514742	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	3.003	3.021	(0.800)	801394	40.1966	2700
* 80 Naphthalene-d8	136	3.756	3.768	(1.000)	1953844	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	4.909	4.915	(0.889)	1361928	40.2219	2700
* 82 Acenaphthene-d10	164	5.521	5.527	(1.000)	946264	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	6.291	6.297	(1.140)	235461	55.7382	3700
* 83 Phenanthrene-d10	188	6.932	6.939	(1.000)	1222019	40.0000	
$ 78 Terphenyl-d14	244	8.503	8.503	(0.901)	727664	50.0057	3300
* 81 Chrysene-d12	240	9.438	9.444	(1.000)	477548	40.0000	
* 84 Perylene-d12	264	10.750	10.750	(1.000)	393388	40.0000	

Data File: z3181.d

Date: 17-SEP-2013 05:38

Client ID: Instrument: BNAMS11.i

Sample Info: MB 460-181498/1-A Operator: BNAMS 4



Data File: z3181.d

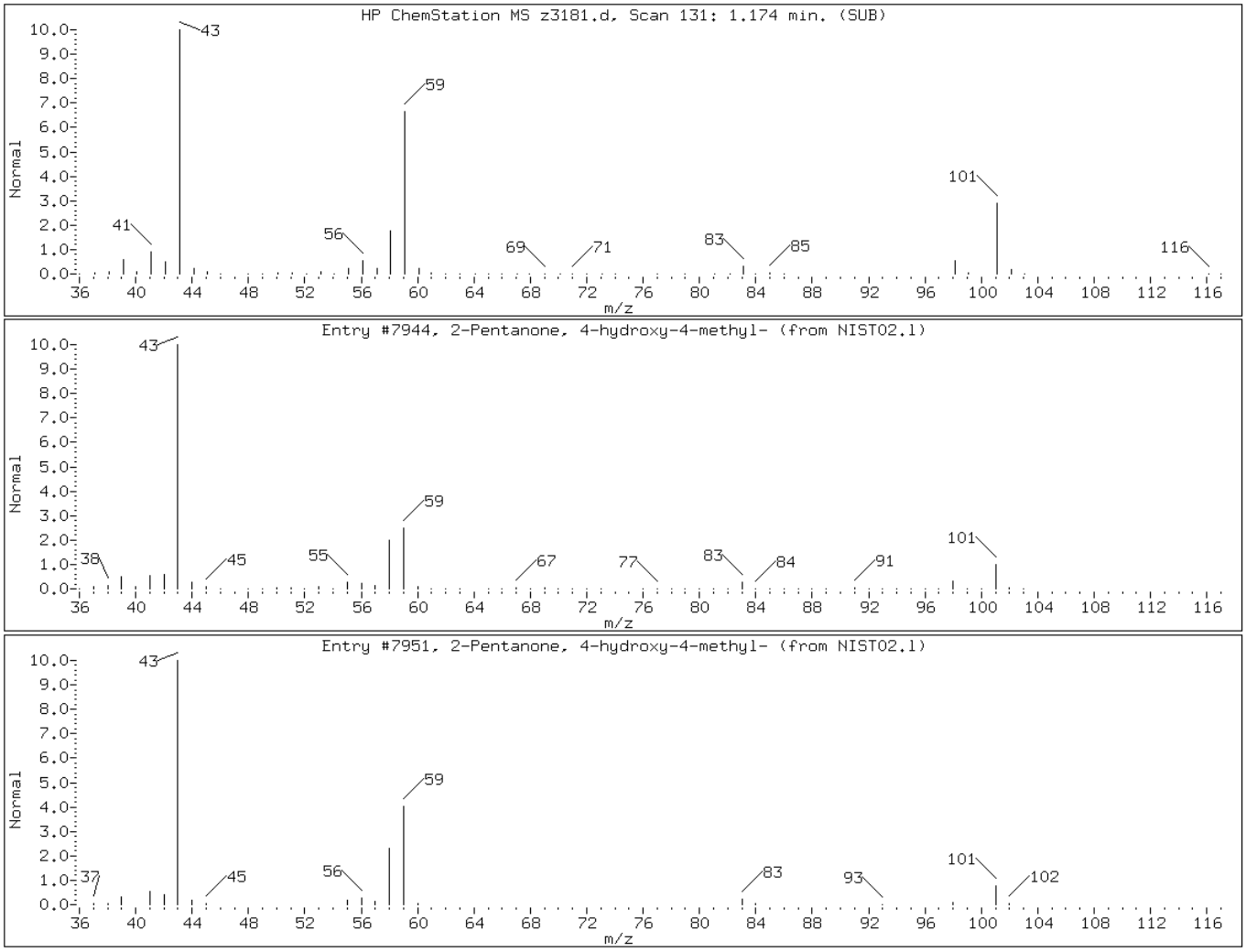
Date: 17-SEP-2013 05:38

Client ID: Instrument: BNAMS11.i

Sample Info: MB 460-181498/1-A Operator: BNAMS 4

Retention Time: 1.17

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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181657/1-A

Matrix: Water | Lab File ID: M69499.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/17/2013 03:27

Sample wt/vol: 250(mL) | Date Analyzed: 09/18/2013 03:26

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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181657/1-A

Matrix: Water | Lab File ID: M69499.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/17/2013 03:27

Sample wt/vol: 250(mL) | Date Analyzed: 09/18/2013 03:26

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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-181657/1-A

Matrix: Water | Lab File ID: M69499.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/17/2013 03:27

Sample wt/vol: 250(mL) | Date Analyzed: 09/18/2013 03:26

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	98		51-126
4165-62-2	Phenol-d5	37		4-86
367-12-4	2-Fluorophenol	55		15-96
4165-60-0	Nitrobenzene-d5	85		60-114
321-60-8	2-Fluorobiphenyl	82		50-120
1718-51-0	Terphenyl-d14	101		72-130

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181657/1-A

Matrix: Water Lab File ID: M69499.D

Analysis Method: 8270C Date Collected:

Extract. Method: 3510C Date Extracted: 09/17/2013 03:27

Sample wt/vol: 250(mL) Date Analyzed: 09/18/2013 03:26

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\M69499.D		
Lims ID:	MB 460-181657/1-A	Client ID:	
Inject. Date:	18-Sep-2013 03:26:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0004746-003		
Misc. Info.:			
Operator:		Instrument ID:	CBNAMS6
Injection Vol:	5.0 ul	ALS Bottle#:	3
Lims Batch ID:	181879	Lims Sample ID:	3
Detector:	MS SCAN		
Method:	\\EDICHROM\ChromData\CBNAMS6\20130918-4746.b\8270LVI_6.m		
Last Update:	20-Sep-2013 18:36:37	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 18:36:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.608	2.587	0.021	90	445437	5.51	
$ 6 Phenol-d5	99	3.467	3.486	-0.019	79	362926	3.70	
* 13 1,4-Dichlorobenzene-d4	152	3.808	3.808	0.0	94	468294	8.00	
$ 25 Nitrobenzene-d5	82	4.372	4.384	-0.012	95	950162	8.51	
* 35 Naphthalene-d8	136	5.095	5.102	-0.007	97	1529889	8.00	
$ 48 2-Fluorobiphenyl	172	6.194	6.202	-0.008	96	1272956	8.24	
* 61 Acenaphthene-d10	164	6.847	6.851	-0.004	90	905541	8.00	
$ 76 2,4,6-Tribromophenol	330	7.621	7.630	-0.009	86	209794	9.77	
* 83 Phenanthrene-d10	188	8.299	8.303	-0.004	98	1283590	8.00	
87 Di-n-butyl phthalate	149	8.903	8.903	0.0	93	17447	0.0819	
$ 91 Terphenyl-d14	244	9.869	9.871	-0.002	98	803821	10.1	
* 96 Chrysene-d12	240	10.937	10.937	0.0	99	602600	8.00	
* 103 Perylene-d12	264	12.699	12.700	-0.001	98	556559	8.00	

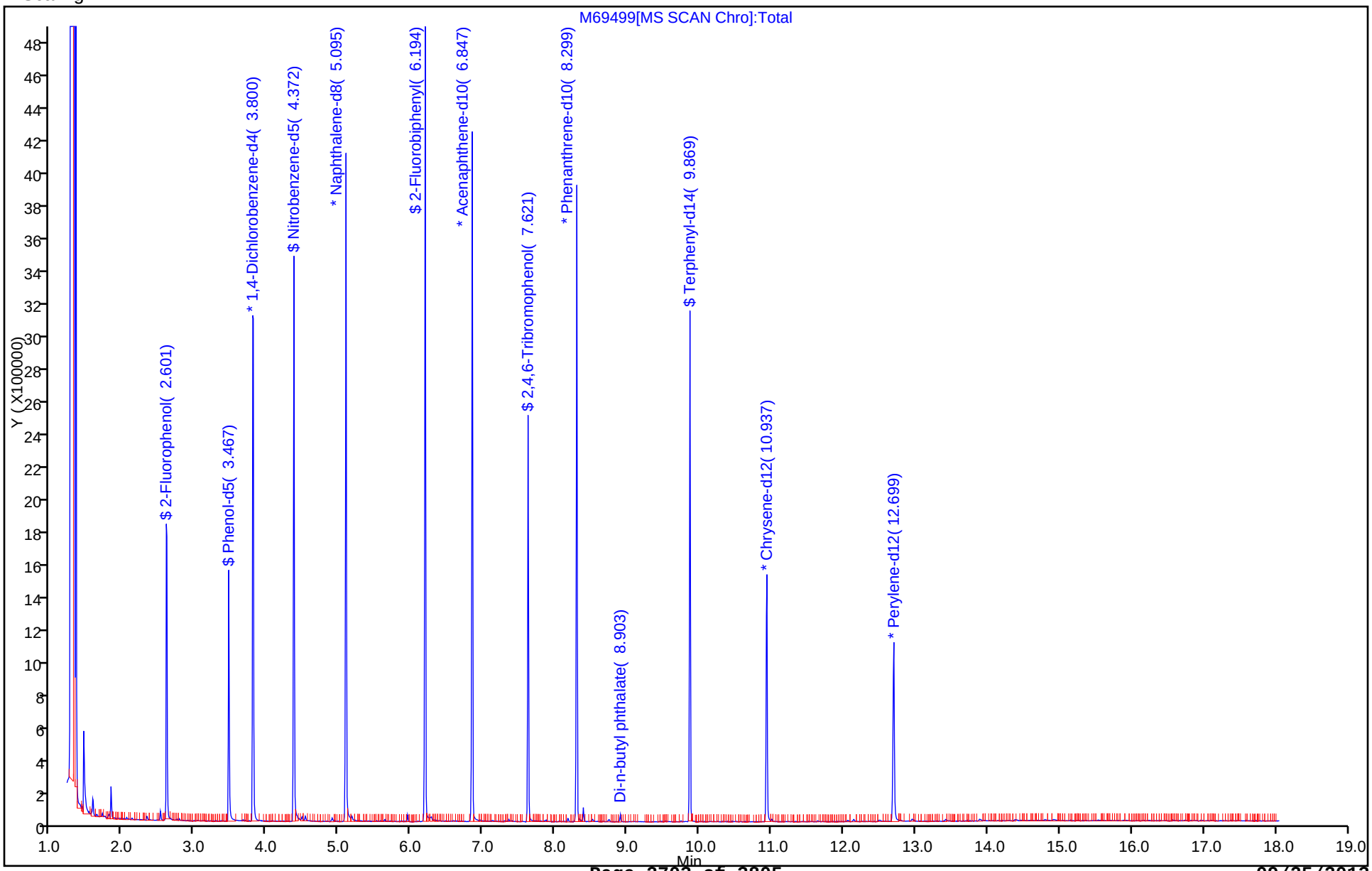
Report Date: 20-Sep-2013 18:36:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS6\20130918-4746.b\M69499.D

Injection Date:	18-Sep-2013 03:26:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	181879	Lims Sample ID:	3
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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181416/2-A

Matrix: Solid | Lab File ID: z3105.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.00(g) | Date Analyzed: 09/15/2013 22:13

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.: 181524 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2570		330	44
95-57-8	2-Chlorophenol	2670		330	44
95-48-7	2-Methylphenol	2750		330	56
106-44-5	4-Methylphenol	2860		330	65
100-52-7	Benzaldehyde	1070		330	39
98-86-2	Acetophenone	2480		330	51
111-44-4	Bis(2-chloroethyl)ether	2820		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2530		330	37
621-64-7	N-Nitrosodi-n-propylamine	2980		33	5.5
98-95-3	Nitrobenzene	1830		33	4.7
67-72-1	Hexachloroethane	2550		33	3.7
78-59-1	Isophorone	2820		330	40
88-75-5	2-Nitrophenol	2630		330	37
105-67-9	2,4-Dimethylphenol	2600		330	82
120-83-2	2,4-Dichlorophenol	2660		330	48
111-91-1	Bis(2-chloroethoxy)methane	2780		330	43
91-20-3	Naphthalene	2560		330	38
106-47-8	4-Chloroaniline	1770		330	88
87-68-3	Hexachlorobutadiene	2580		67	8.1
105-60-2	Caprolactam	1270		330	76
59-50-7	4-Chloro-3-methylphenol	2800		330	50
91-57-6	2-Methylnaphthalene	2850		330	43
118-74-1	Hexachlorobenzene	2780		33	4.5
77-47-4	Hexachlorocyclopentadiene	2800		330	39
88-06-2	2,4,6-Trichlorophenol	2470		330	39
95-95-4	2,4,5-Trichlorophenol	2550		330	43
92-52-4	Diphenyl	2620		330	44
91-58-7	2-Chloronaphthalene	2570		330	37
88-74-4	2-Nitroaniline	2590		670	140
606-20-2	2,6-Dinitrotoluene	2700		67	10
131-11-3	Dimethyl phthalate	2620		330	39
208-96-8	Acenaphthylene	2600		330	39
99-09-2	3-Nitroaniline	2130		670	120
83-32-9	Acenaphthene	2670		330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181416/2-A

Matrix: Solid | Lab File ID: z3105.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.00(g) | Date Analyzed: 09/15/2013 22:13

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.: 181524 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4140		1000	210
51-28-5	2,4-Dinitrophenol	764	J	1000	190
132-64-9	Dibenzofuran	2590		330	39
84-66-2	Diethyl phthalate	2530		330	39
86-73-7	Fluorene	2580		330	42
206-44-0	Fluoranthene	2440		330	44
84-74-2	Di-n-butyl phthalate	2470		330	41
121-14-2	2,4-Dinitrotoluene	2550		67	11
7005-72-3	4-Chlorophenyl phenyl ether	2630		330	39
100-01-6	4-Nitroaniline	1930		670	100
534-52-1	4,6-Dinitro-2-methylphenol	1730		1000	90
101-55-3	4-Bromophenyl phenyl ether	2890		330	33
1912-24-9	Atrazine	2670		330	51
120-12-7	Anthracene	2650		330	40
86-74-8	Carbazole	2680		330	39
85-01-8	Phenanthrene	2710		330	42
87-86-5	Pentachlorophenol	3370		1000	99
129-00-0	Pyrene	2930		330	28
218-01-9	Chrysene	2810		330	39
207-08-9	Benzo[k]fluoranthene	2980		33	2.5
191-24-2	Benzo[g,h,i]perylene	3400		330	25
205-99-2	Benzo[b]fluoranthene	2940		33	2.1
50-32-8	Benzo[a]pyrene	2960		33	2.3
56-55-3	Benzo[a]anthracene	2670		33	2.3
86-30-6	N-Nitrosodiphenylamine	2930		330	33
85-68-7	Butyl benzyl phthalate	2630		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	2470		330	110
117-84-0	Di-n-octyl phthalate	2320		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	3090		33	6.2
53-70-3	Dibenz(a,h)anthracene	3370		33	4.2
91-94-1	3,3'-Dichlorobenzidine	2340		670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2580		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	2420		330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181416/2-A

Matrix: Solid Lab File ID: z3105.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3541 Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.00(g) Date Analyzed: 09/15/2013 22:13

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.: 181524 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	73		10-120
4165-62-2	Phenol-d5	75		41-118
367-12-4	2-Fluorophenol	70		37-125
4165-60-0	Nitrobenzene-d5	76		38-105
321-60-8	2-Fluorobiphenyl	75		40-109
1718-51-0	Terphenyl-d14	82		16-151

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3105.d
Report Date: 16-Sep-2013 07:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3105.d
Lab Smp Id: LCS 460-181416/2-A
Inj Date : 15-SEP-2013 22:13
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : LCS 460-181416/2-A
Misc Info :
Comment :
Method : /chem/BNAMS11.i/8270/09-06-13/15sep13.b/8270C_11.m
Meth Date : 15-Sep-2013 18:43 czhao Quant Type: ISTD
Cal Date : 06-SEP-2013 18:21 Cal File: z26655.d
Als bottle: 3 QC Sample: BS
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	0.539	0.492	(0.215)	109099	16.3963	1100
	19 N-Nitrosodimethylamine	74	0.656	0.603	(0.262)	362491	36.8097	2400(H)
	71 Pyridine	79	0.668	0.609	(0.267)	498383	29.2495	1900
$	16 2-Fluorophenol (SUR)	112	1.462	1.433	(0.584)	1036584	70.3881	4700
	110 Benzaldehyde	77	2.097	2.092	(0.838)	122192	15.9859	1100
$	17 Phenol-d5 (SUR)	99	2.274	2.274	(0.908)	1350091	74.7892	5000
	1 Phenol	94	2.286	2.292	(0.913)	722961	38.5856	2600
	73 Aniline	93	2.209	2.209	(0.883)	520967	26.8885	1800
	20 bis(2-Chloroethyl)ether	93	2.303	2.303	(0.920)	620367	42.3393	2800
	2 2-Chlorophenol	128	2.321	2.327	(0.927)	606525	39.9925	2700
	113 n-decane	43	2.415	2.415	(0.965)	492330	28.7550	1900
	21 1,3-Dichlorobenzene	146	2.444	2.450	(0.976)	657816	36.3095	2400
*	79 1,4-Dichlorobenzene-d4	152	2.503	2.509	(1.000)	451433	40.0000	

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3105.d
Report Date: 16-Sep-2013 07:52

							CONCENTRATIONS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	22 1,4-Dichlorobenzene	146	2.521	2.521	(1.007)	665621	36.2007	2400
	74 Benzyl Alcohol	108	2.692	2.703	(1.075)	341652	41.3101	2800
	23 1,2-Dichlorobenzene	146	2.662	2.668	(1.063)	640307	37.9296	2500
	3 2-Methylphenol	108	2.862	2.874	(1.143)	503031	41.2276	2700
	24 bis (2-chloroisopropyl) ether	45	2.833	2.839	(1.132)	687044	37.9707	2500
	4 4-Methylphenol	108	3.044	3.050	(1.216)	530327	42.9014	2900
	123 3 & 4 Methylphenol	108	3.044	3.050	(1.216)	526432	42.6650	2800
	104 Acetophenone	105	2.944	2.962	(1.176)	678979	37.2562	2500
	25 N-Nitroso-di-n-propylamine	70	2.980	2.997	(1.190)	432188	44.6527	3000
	26 Hexachloroethane	117	2.991	3.003	(1.195)	272955	38.2709	2600
$	76 Nitrobenzene-d5 (SUR)	82	3.086	3.097	(0.805)	640599	38.1360	2500
	27 Nitrobenzene	77	3.109	3.121	(0.811)	633580	27.4179	1800
	28 Isophorone	82	3.386	3.397	(0.883)	1016269	42.2415	2800
	5 2-Nitrophenol	139	3.456	3.462	(0.902)	318417	39.4936	2600
	6 2,4-Dimethylphenol	122	3.597	3.609	(0.939)	480140	39.0241	2600
	29 bis(2-Chloroethoxy)methane	93	3.674	3.680	(0.959)	659703	41.7544	2800
	15 Benzoic Acid	122	3.762	3.797	(0.982)	33485	5.02800	340(H)
	7 2,4-Dichlorophenol	162	3.744	3.750	(0.977)	443244	39.8794	2600
	30 1,2,4-Trichlorobenzene	180	3.797	3.803	(0.991)	552515	39.2289	2600
*	80 Naphthalene-d8	136	3.833	3.844	(1.000)	1646206	40.0000	
	31 Naphthalene	128	3.856	3.862	(1.006)	1643024	38.4417	2600
	32 4-Chloroaniline	127	3.962	3.974	(1.034)	374612	26.5614	1800
	33 Hexachlorobutadiene	225	4.027	4.033	(1.051)	333992	38.6489	2600
	111 Caprolactam	113	4.362	4.391	(1.138)	53622	19.1205	1300
	8 4-Chloro-3-methylphenol	107	4.556	4.556	(1.189)	439794	42.0106	2800
	34 2-Methylnaphthalene	142	4.580	4.585	(1.195)	1419868	42.7036	2800
	120 1-Methylnaphthalene	142	4.674	4.674	(1.219)	979385	37.4083	2500
	35 Hexachlorocyclopentadiene	237	4.756	4.762	(0.850)	305221	41.9673	2800
	129 1,2,4,5-Tetrachlorobenzene	216	4.756	4.762	(0.850)	512121	38.6433	2600
	9 2,4,6-Trichlorophenol	196	4.903	4.909	(0.876)	287461	37.1063	2500
	10 2,4,5-Trichlorophenol	196	4.950	4.956	(0.884)	300473	38.1808	2500
$	77 2-Fluorobiphenyl (SUR)	172	4.980	4.985	(0.890)	1023682	37.6385	2500
	102 Diphenyl	154	5.062	5.068	(0.904)	1189173	39.3010	2600
	36 2-Chloronaphthalene	162	5.056	5.062	(0.903)	900325	38.5812	2600
	37 2-Nitroaniline	65	5.203	5.209	(0.930)	260170	38.7922	2600
	38 Dimethylphthalate	163	5.433	5.427	(0.971)	883726	39.3132	2600
	40 2,6-Dinitrotoluene	165	5.468	5.468	(0.977)	202431	40.4475	2700
	39 Acenaphthylene	152	5.450	5.456	(0.974)	1369833	39.0334	2600
	41 3-Nitroaniline	138	5.615	5.615	(1.003)	164096	31.9569	2100
*	82 Acenaphthene-d10	164	5.597	5.597	(1.000)	760069	40.0000	
	42 Acenaphthene	154	5.627	5.633	(1.005)	826968	40.0343	2700
	11 2,4-Dinitrophenol	184	5.727	5.727	(1.023)	27657	11.4652	760(a)
	12 4-Nitrophenol	65	5.874	5.874	(1.049)	219910	62.1486	4100
	44 2,4-Dinitrotoluene	165	5.850	5.850	(1.045)	237444	38.2036	2500
	43 Dibenzofuran	168	5.797	5.803	(1.036)	1138088	38.8435	2600
	130 2,3,4,6-Tetrachlorophenol	232	5.956	5.956	(1.064)	199891	36.2470	2400
	45 Diethylphthalate	149	6.121	6.121	(1.094)	816212	37.9685	2500

Data File: /chem/BNAMS11.i/8270/09-06-13/15sep13.b/z3105.d
Report Date: 16-Sep-2013 07:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	46 4-Chlorophenyl-phenylether	204	6.168	6.168	(1.102)	471307	39.4519	2600
	47 Fluorene	166	6.127	6.127	(1.095)	903202	38.7562	2600
	48 4-Nitroaniline	138	6.203	6.209	(1.108)	117075	29.0149	1900
	13 4,6-Dinitro-2-methylphenol	198	6.244	6.244	(0.891)	79610	25.9034	1700
	49 N-Nitrosodiphenylamine	169	6.297	6.297	(0.898)	605712	43.8941	2900
	75 1,2-Diphenylhydrazine	77	6.315	6.315	(0.901)	1007180	44.7968	3000
$	18 2,4,6-Tribromophenol (SUR)	330	6.368	6.368	(1.138)	246373	72.6083	4800
	50 4-Bromophenyl-phenylether	248	6.627	6.627	(0.945)	257001	43.3733	2900
	51 Hexachlorobenzene	284	6.656	6.656	(0.950)	264270	41.6448	2800
	112 Atrazine	200	6.856	6.856	(0.978)	176950	40.0740	2700
	14 Pentachlorophenol	266	6.874	6.874	(0.981)	186371	50.5537	3400
	115 n-Octadecane	57	7.062	7.062	(1.008)	535132	42.5395	2800
*	83 Phenanthrene-d10	188	7.009	7.009	(1.000)	933657	40.0000	
	52 Phenanthrene	178	7.032	7.032	(1.003)	1065578	40.6480	2700
	53 Anthracene	178	7.079	7.079	(1.010)	1029578	39.6761	2600
	54 Carbazole	167	7.268	7.268	(1.037)	806227	40.2730	2700
	55 Di-n-butylphthalate	149	7.691	7.685	(1.097)	998456	37.0923	2500
	56 Fluoranthene	202	8.156	8.156	(1.164)	850414	36.6541	2400
	58 Benzidine	184	8.379	8.344	(1.196)	5046	1.34976	90(aR)
	57 Pyrene	202	8.356	8.356	(0.878)	821945	43.8998	2900
$	78 Terphenyl-d14	244	8.579	8.573	(0.901)	545056	40.8242	2700
	59 Butylbenzylphthalate	149	9.097	9.097	(0.956)	292093	39.4898	2600
	60 3,3'-Dichlorobenzidine	252	9.538	9.538	(1.002)	122197	35.0491	2300
	61 Benzo(a)anthracene	228	9.515	9.515	(0.999)	556298	40.0839	2700
*	81 Chrysene-d12	240	9.520	9.520	(1.000)	438156	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	9.691	9.691	(1.018)	369084	37.0383	2500
	62 Chrysene	228	9.544	9.544	(1.002)	525930	42.1341	2800
	64 Di-n-octylphthalate	149	10.291	10.285	(0.948)	517625	34.8700	2300
	65 Benzo(b)fluoranthene	252	10.497	10.491	(0.967)	435982	44.1640	2900
	66 Benzo(k)fluoranthene	252	10.520	10.515	(0.970)	517620	44.6857	3000
	67 Benzo(a)pyrene	252	10.797	10.791	(0.995)	380552	44.4097	3000(M)
*	84 Perylene-d12	264	10.850	10.850	(1.000)	323579	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	11.944	11.944	(1.101)	288049	46.3094	3100
	69 Dibenz(a,h)anthracene	278	11.985	11.985	(1.105)	348449	50.4914	3400
	70 Benzo(g,h,i)perylene	276	12.214	12.209	(1.126)	368999	50.9813	3400

QC Flag Legend

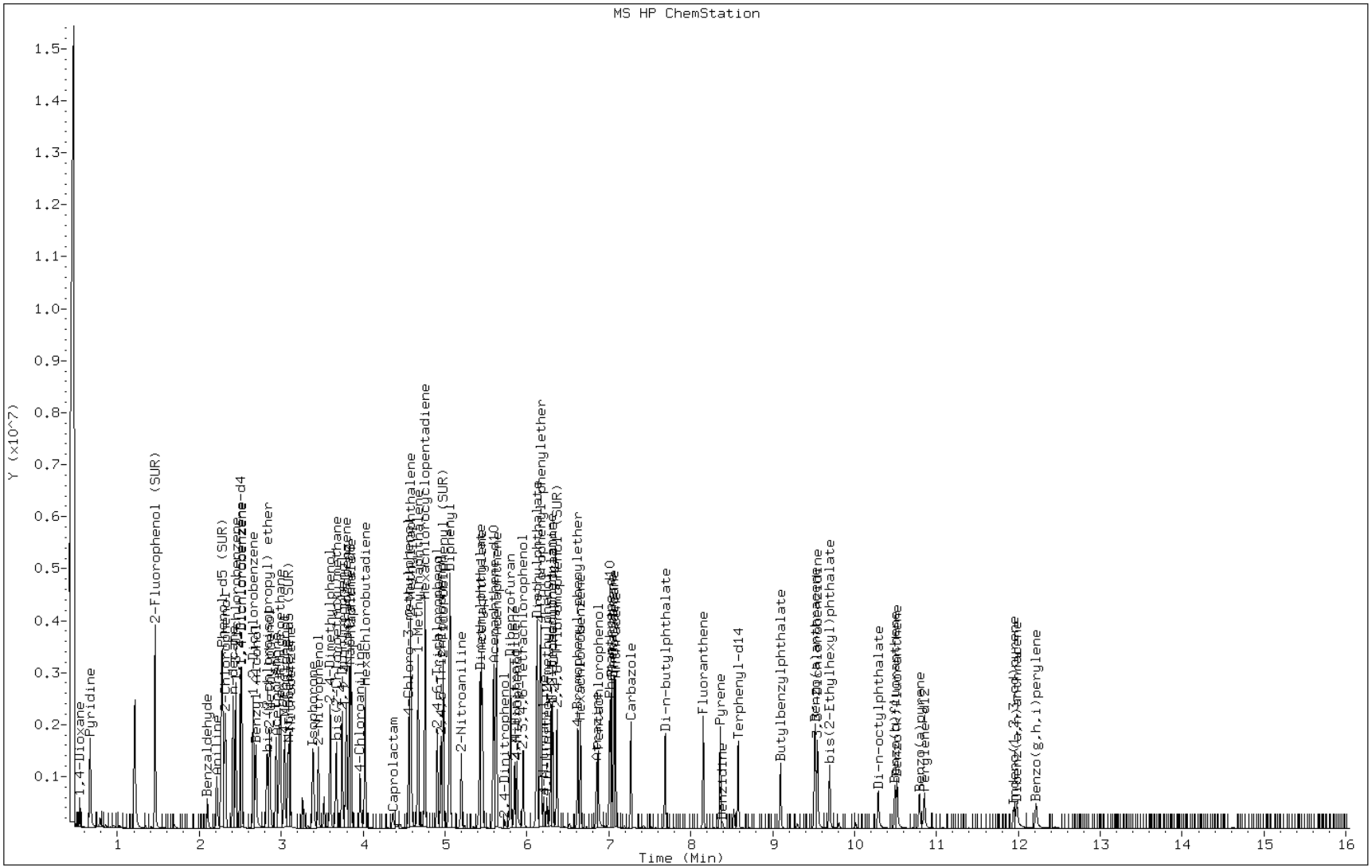
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z3105.d

Date: 15-SEP-2013 22:13

Client ID: Instrument: BNAMS11.i

Sample Info: LCS 460-181416/2-A Operator: BNAMS 4



Manual Integration Report

Data File: z3105.d
Inj. Date and Time: 15-SEP-2013 22:13
Instrument ID: BNAMS11.i
Client ID:
Compound: 67 Benzo(a)pyrene
CAS #: 50-32-8
Report Date: 09/16/2013

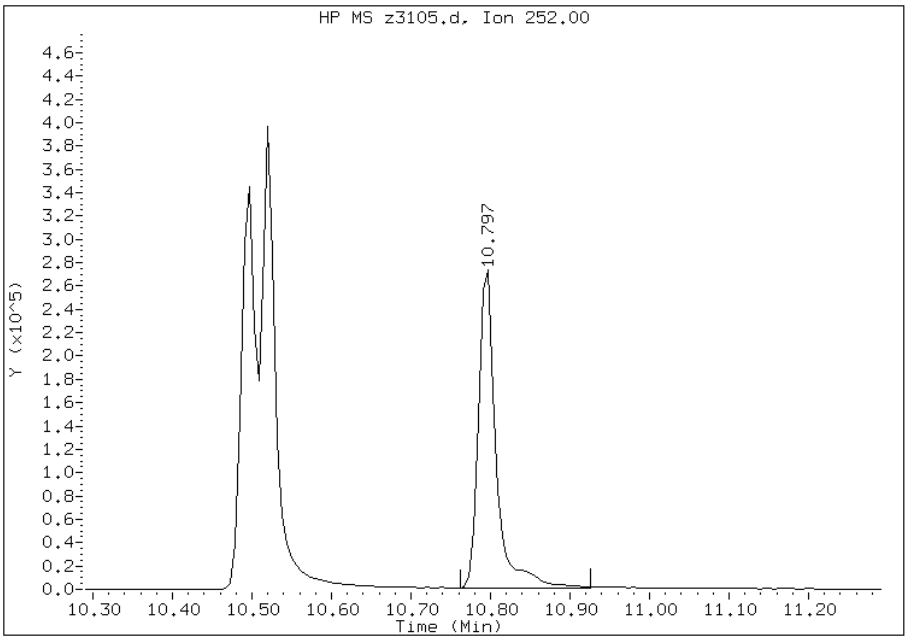
Processing Integration Results

RT: 10.80

Response: 414419

Amount: 48

Conc: 3224



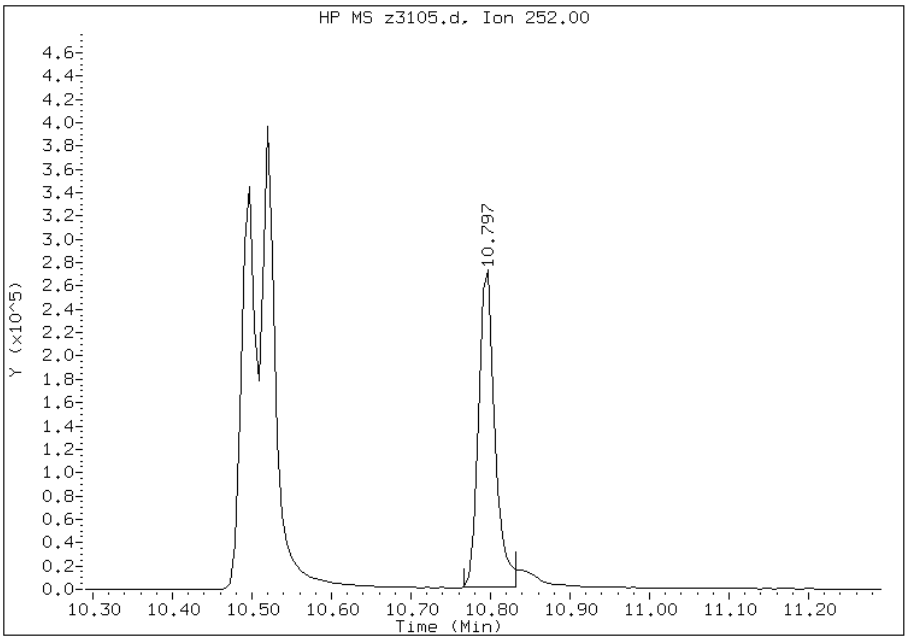
Manual Integration Results

RT: 10.80

Response: 380552

Amount: 44

Conc: 2961



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181497/2-A

Matrix: Solid | Lab File ID: U90992.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 04:13

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.: 182070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3110		330	44
95-57-8	2-Chlorophenol	3040		330	44
95-48-7	2-Methylphenol	3330		330	56
106-44-5	4-Methylphenol	3250		330	65
100-52-7	Benzaldehyde	577		330	39
98-86-2	Acetophenone	2250		330	51
111-44-4	Bis(2-chloroethyl)ether	2440		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2710		330	37
621-64-7	N-Nitrosodi-n-propylamine	2860		33	5.5
98-95-3	Nitrobenzene	1950		33	4.7
67-72-1	Hexachloroethane	2310		33	3.7
78-59-1	Isophorone	2810		330	40
88-75-5	2-Nitrophenol	2670		330	37
105-67-9	2,4-Dimethylphenol	2940		330	82
120-83-2	2,4-Dichlorophenol	2940		330	48
111-91-1	Bis(2-chloroethoxy)methane	2770		330	43
91-20-3	Naphthalene	2490		330	38
106-47-8	4-Chloroaniline	1650		330	88
87-68-3	Hexachlorobutadiene	2400		67	8.1
105-60-2	Caprolactam	1650		330	76
59-50-7	4-Chloro-3-methylphenol	3090		330	50
91-57-6	2-Methylnaphthalene	2790		330	43
118-74-1	Hexachlorobenzene	2530		33	4.5
77-47-4	Hexachlorocyclopentadiene	2620		330	39
88-06-2	2,4,6-Trichlorophenol	2850		330	39
95-95-4	2,4,5-Trichlorophenol	3020		330	43
92-52-4	Diphenyl	2820		330	44
91-58-7	2-Chloronaphthalene	2670		330	37
88-74-4	2-Nitroaniline	2850		670	140
606-20-2	2,6-Dinitrotoluene	3160		67	10
131-11-3	Dimethyl phthalate	2980		330	39
208-96-8	Acenaphthylene	2840		330	39
99-09-2	3-Nitroaniline	2230		670	120
83-32-9	Acenaphthene	2130		330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181497/2-A

Matrix: Solid | Lab File ID: U90992.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 04:13

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.: 182070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6970		1000	210
51-28-5	2,4-Dinitrophenol	1450		1000	190
132-64-9	Dibenzofuran	2860		330	39
84-66-2	Diethyl phthalate	3150		330	39
86-73-7	Fluorene	2880		330	42
206-44-0	Fluoranthene	2950		330	44
84-74-2	Di-n-butyl phthalate	2780		330	41
121-14-2	2,4-Dinitrotoluene	3320		67	11
7005-72-3	4-Chlorophenyl phenyl ether	2890		330	39
100-01-6	4-Nitroaniline	2600		670	100
534-52-1	4,6-Dinitro-2-methylphenol	2310		1000	90
101-55-3	4-Bromophenyl phenyl ether	2680		330	33
1912-24-9	Atrazine	2090		330	51
120-12-7	Anthracene	2810		330	40
86-74-8	Carbazole	2780		330	39
85-01-8	Phenanthrene	2840		330	42
87-86-5	Pentachlorophenol	4770		1000	99
129-00-0	Pyrene	2490		330	28
218-01-9	Chrysene	2640		330	39
207-08-9	Benzo[k]fluoranthene	2730		33	2.5
191-24-2	Benzo[g,h,i]perylene	2520		330	25
205-99-2	Benzo[b]fluoranthene	3000		33	2.1
50-32-8	Benzo[a]pyrene	2970		33	2.3
56-55-3	Benzo[a]anthracene	2580		33	2.3
86-30-6	N-Nitrosodiphenylamine	2780		330	33
85-68-7	Butyl benzyl phthalate	2560		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	2600		330	110
117-84-0	Di-n-octyl phthalate	2720		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	2580		33	6.2
53-70-3	Dibenz(a,h)anthracene	2520		33	4.2
91-94-1	3,3'-Dichlorobenzidine	1450		670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2390		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	3110		330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181497/2-A

Matrix: Solid | Lab File ID: U90992.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.00(g) | Date Analyzed: 09/19/2013 04:13

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.: 182070 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	79		10-120
4165-62-2	Phenol-d5	78		41-118
367-12-4	2-Fluorophenol	75		37-125
4165-60-0	Nitrobenzene-d5	66		38-105
321-60-8	2-Fluorobiphenyl	66		40-109
1718-51-0	Terphenyl-d14	63		16-151

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90992.D
Lims ID: LCS 460-181497/2-A Client ID:
Inject. Date: 19-Sep-2013 04:13:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 460-0004790-035
Misc. Info.:
Operator: Instrument ID: CBNAMS4
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 182070 Lims Sample ID: 35
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\8270_4.m
Last Update: 19-Sep-2013 14:44:02 Calib Date: 18-Sep-2013 15:35:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS4\20130918-4773.b\U90967.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: asfawa Date: 19-Sep-2013 04:55:13

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
1 1,4-Dioxane	88	1.362	1.331	0.031	93	40792	15.6	
2 N-Nitrosodimethylamine	74	1.585	1.563	0.022	55	176519	34.3	
3 Pyridine	79	1.617	1.588	0.029	80	178361	21.6	
$ 4 2-Fluorophenol	112	2.746	2.740	0.006	84	585015	75.4	
5 Benzaldehyde	77	3.568	3.569	-0.001	80	87242	8.66	
8 Aniline	93	3.689	3.692	-0.003	65	373681	35.9	
$ 6 Phenol-d5	99	3.689	3.692	-0.003	69	721483	78.1	
7 Phenol	94	3.698	3.708	-0.010	68	482447	46.6	
9 Bis(2-chloroethyl)ether	93	3.754	3.765	-0.011	86	312314	36.6	
10 2-Chlorophenol	128	3.811	3.822	-0.011	87	419936	45.6	
11 n-Decane	43	3.868	3.870	-0.002	85	233963	25.3	
12 1,3-Dichlorobenzene	146	3.957	3.966	-0.009	87	352125	34.4	
* 13 1,4-Dichlorobenzene-d4	152	4.012	4.017	-0.005	92	276490	40.0	
14 1,4-Dichlorobenzene	146	4.028	4.040	-0.012	80	357317	34.1	
15 Benzyl alcohol	108	4.173	4.184	-0.011	79	261073	47.1	
16 1,2-Dichlorobenzene	146	4.189	4.192	-0.003	89	373109	36.3	
17 2-Methylphenol	108	4.301	4.305	-0.004	66	382103	50.0	
18 2,2'-oxybis[1-chloropropane]	45	4.301	4.305	-0.004	57	478296	40.7	
19 Acetophenone	105	4.436	4.425	0.011	91	521599	33.7	
20 N-Nitrosodi-n-propylamine	70	4.444	4.450	-0.006	92	371018	42.9	
21 4-Methylphenol	108	4.469	4.475	-0.006	81	372921	48.8	
24 Hexachloroethane	117	4.524	4.531	-0.007	83	194607	34.6	
$ 25 Nitrobenzene-d5	82	4.581	4.588	-0.007	89	539137	33.2	
26 Nitrobenzene	77	4.605	4.619	-0.014	89	634098	29.2	
28 Isophorone	82	4.846	4.859	-0.013	95	991258	42.1	
29 2-Nitrophenol	139	4.927	4.931	-0.004	62	229216	40.0	
30 2,4-Dimethylphenol	122	4.992	5.004	-0.012	78	366124	44.1	
31 Bis(2-chloroethoxy)methane	93	5.072	5.085	-0.013	91	419254	41.6	
32 Benzoic acid	122	5.136	5.157	-0.021	86	112543	21.6	
33 2,4-Dichlorophenol	162	5.176	5.189	-0.013	87	380764	44.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
34 1,2,4-Trichlorobenzene	180	5.248	5.261	-0.013	91	420443	39.6	
* 35 Naphthalene-d8	136	5.304	5.304	0.0	98	1114821	40.0	
36 Naphthalene	128	5.320	5.334	-0.014	96	1037722	37.3	
37 4-Chloroaniline	127	5.384	5.399	-0.015	82	279077	24.8	
38 Hexachlorobutadiene	225	5.456	5.463	-0.007	86	380914	36.0	
39 Caprolactam	113	5.778	5.737	0.041	78	69501	24.7	
40 4-Chloro-3-methylphenol	107	5.915	5.911	0.004	85	482026	46.3	
41 2-Methylnaphthalene	142	6.020	6.025	-0.005	74	713138	41.8	
42 1-Methylnaphthalene	142	6.117	6.122	-0.005	76	720972	39.6	
43 Hexachlorocyclopentadiene	237	6.181	6.193	-0.012	88	401966	39.3	
44 1,2,4,5-Tetrachlorobenzene	216	6.189	6.201	-0.012	91	644394	35.9	
46 2,4,6-Trichlorophenol	196	6.317	6.320	-0.003	87	374737	42.7	
47 2,4,5-Trichlorophenol	196	6.357	6.359	-0.002	86	404615	45.2	
$ 48 2-Fluorobiphenyl	172	6.389	6.398	-0.009	94	781042	32.8	
49 1,1'-Biphenyl	154	6.486	6.488	-0.002	96	995007	42.3	
50 2-Chloronaphthalene	162	6.502	6.511	-0.009	93	826941	40.0	
54 2-Nitroaniline	65	6.615	6.623	-0.008	87	358666	42.8	
56 Dimethyl phthalate	163	6.815	6.808	0.007	96	1074654	44.7	
58 2,6-Dinitrotoluene	165	6.863	6.872	-0.009	65	233203	47.4	
59 Acenaphthylene	152	6.904	6.912	-0.008	96	1247573	42.5	
60 3-Nitroaniline	138	7.025	7.033	-0.008	84	167474	33.4	
* 61 Acenaphthene-d10	164	7.050	7.048	0.002	91	674868	40.0	
62 Acenaphthene	154	7.081	7.089	-0.008	94	693495	32.0	
64 2,4-Dinitrophenol	184	7.129	7.143	-0.014	78	63157	21.7	
65 4-Nitrophenol	65	7.233	7.233	0.0	86	564406	104.6	
66 Dibenzofuran	168	7.249	7.257	-0.008	86	1227238	42.9	
67 2,4-Dinitrotoluene	165	7.257	7.265	-0.008	74	363898	49.8	
68 2,3,4,6-Tetrachlorophenol	232	7.385	7.391	-0.006	88	401908	46.6	
69 Diethyl phthalate	149	7.505	7.502	0.003	96	1212652	47.2	
71 4-Chlorophenyl phenyl ether	204	7.591	7.598	-0.007	87	665752	43.4	
70 Fluorene	166	7.591	7.598	-0.007	75	974398	43.2	
72 4-Nitroaniline	138	7.639	7.646	-0.007	71	171010	39.0	
73 4,6-Dinitro-2-methylphenol	198	7.672	7.678	-0.006	78	188794	34.7	
74 N-Nitrosodiphenylamine	169	7.720	7.726	-0.006	67	698093	41.7	
$ 76 2,4,6-Tribromophenol	330	7.831	7.832	-0.001	92	496722	79.2	
77 4-Bromophenyl phenyl ether	248	8.070	8.071	-0.001	91	447394	40.3	
78 Hexachlorobenzene	284	8.132	8.141	-0.009	90	471076	37.9	
79 Atrazine	200	8.251	8.251	0.0	92	249222	31.4	
121 Pentachlorophenol	266	8.338	8.338	0.0	86	530679	71.6	
82 n-Octadecane	57	8.417	8.422	-0.005	90	517768	36.6	
* 83 Phenanthrene-d10	188	8.502	8.498	0.004	97	1289776	40.0	
84 Phenanthrene	178	8.525	8.532	-0.007	97	1401131	42.5	
85 Anthracene	178	8.580	8.580	0.0	98	1433155	42.2	
86 Carbazole	167	8.739	8.749	-0.010	84	1154731	41.7	
87 Di-n-butyl phthalate	149	9.085	9.094	-0.009	99	1759145	41.7	
88 Fluoranthene	202	9.689	9.691	-0.002	98	1698705	44.2	
122 Benzidine	184	9.817	9.829	-0.012	79	11813	1.08	
90 Pyrene	202	9.905	9.916	-0.011	97	1708693	37.3	
$ 91 Terphenyl-d14	244	10.064	10.069	-0.005	98	1134264	31.4	
92 Butyl benzyl phthalate	149	10.564	10.575	-0.011	97	716842	38.3	
94 3,3'-Dichlorobenzidine	252	11.153	11.163	-0.010	87	311361	21.8	
95 Benzo[a]anthracene	228	11.169	11.178	-0.009	95	1530008	38.7	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
* 96 Chrysene-d12	240	11.184	11.180	0.004	97	1394038	40.0	
97 Chrysene	228	11.214	11.224	-0.010	97	1452545	39.6	
98 Bis(2-ethylhexyl) phthalate	149	11.222	11.232	-0.010	86	957675	38.9	
99 Di-n-octyl phthalate	149	12.031	12.042	-0.011	96	1545751	40.9	
100 Benzo[b]fluoranthene	252	12.503	12.520	-0.017	95	1421611	45.0	
101 Benzo[k]fluoranthene	252	12.548	12.558	-0.010	86	1326188	41.0	
102 Benzo[a]pyrene	252	12.934	12.940	-0.006	88	1221378	44.5	
* 103 Perylene-d12	264	13.013	13.002	0.010	97	1108328	40.0	
104 Indeno[1,2,3-cd]pyrene	276	14.420	14.434	-0.014	94	1176291	38.7	
105 Dibenz(a,h)anthracene	278	14.450	14.465	-0.015	89	1116424	37.8	
106 Benzo[g,h,i]perylene	276	14.793	14.815	-0.022	86	1121602	37.8	

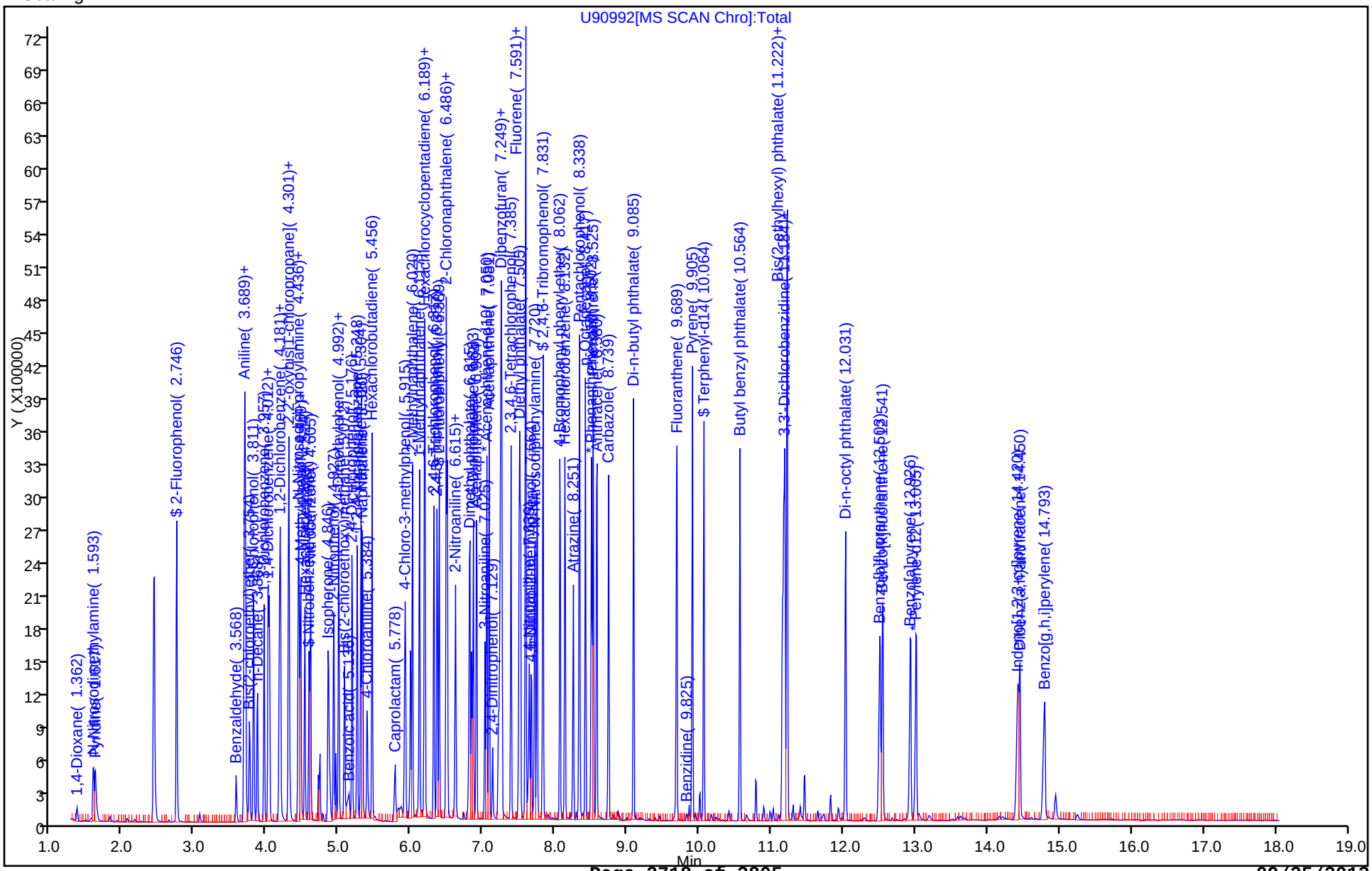
Report Date: 19-Sep-2013 14:45:16 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20130919-4790.b\U90992.D

Injection Date:	19-Sep-2013 04:13:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS4
Lims Batch ID:	182070	Lims Sample ID:	35
Operator ID:		Injection Vol:	1.0 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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181498/2-A

Matrix: Solid | Lab File ID: z3190.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.00(g) | Date Analyzed: 09/17/2013 08:41

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.: 181752 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2700		330	44
95-57-8	2-Chlorophenol	2790		330	44
95-48-7	2-Methylphenol	3060		330	56
106-44-5	4-Methylphenol	3050		330	65
100-52-7	Benzaldehyde	995		330	39
98-86-2	Acetophenone	2590		330	51
111-44-4	Bis(2-chloroethyl)ether	2880		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2610		330	37
621-64-7	N-Nitrosodi-n-propylamine	3020		33	5.5
98-95-3	Nitrobenzene	1860		33	4.7
67-72-1	Hexachloroethane	2350		33	3.7
78-59-1	Isophorone	2960		330	40
88-75-5	2-Nitrophenol	2810		330	37
105-67-9	2,4-Dimethylphenol	2780		330	82
120-83-2	2,4-Dichlorophenol	2850		330	48
111-91-1	Bis(2-chloroethoxy)methane	2950		330	43
91-20-3	Naphthalene	2630		330	38
106-47-8	4-Chloroaniline	1670		330	88
87-68-3	Hexachlorobutadiene	2620		67	8.1
105-60-2	Caprolactam	2150		330	76
59-50-7	4-Chloro-3-methylphenol	2920		330	50
91-57-6	2-Methylnaphthalene	2900		330	43
118-74-1	Hexachlorobenzene	2890		33	4.5
77-47-4	Hexachlorocyclopentadiene	2530		330	39
88-06-2	2,4,6-Trichlorophenol	2740		330	39
95-95-4	2,4,5-Trichlorophenol	2740		330	43
92-52-4	Diphenyl	2730		330	44
91-58-7	2-Chloronaphthalene	2700		330	37
88-74-4	2-Nitroaniline	2710		670	140
606-20-2	2,6-Dinitrotoluene	3120		67	10
131-11-3	Dimethyl phthalate	2900		330	39
208-96-8	Acenaphthylene	2730		330	39
99-09-2	3-Nitroaniline	2300		670	120
83-32-9	Acenaphthene	2750		330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181498/2-A

Matrix: Solid | Lab File ID: z3190.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.00(g) | Date Analyzed: 09/17/2013 08:41

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.: 181752 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4180		1000	210
51-28-5	2,4-Dinitrophenol	1250		1000	190
132-64-9	Dibenzofuran	2710		330	39
84-66-2	Diethyl phthalate	2790		330	39
86-73-7	Fluorene	2620		330	42
206-44-0	Fluoranthene	2400		330	44
84-74-2	Di-n-butyl phthalate	2800		330	41
121-14-2	2,4-Dinitrotoluene	2860		67	11
7005-72-3	4-Chlorophenyl phenyl ether	2760		330	39
100-01-6	4-Nitroaniline	2210		670	100
534-52-1	4,6-Dinitro-2-methylphenol	2630		1000	90
101-55-3	4-Bromophenyl phenyl ether	2970		330	33
1912-24-9	Atrazine	2920		330	51
120-12-7	Anthracene	2710		330	40
86-74-8	Carbazole	2760		330	39
85-01-8	Phenanthrene	2740		330	42
87-86-5	Pentachlorophenol	3880		1000	99
129-00-0	Pyrene	2740		330	28
218-01-9	Chrysene	2900		330	39
207-08-9	Benzo[k]fluoranthene	2530		33	2.5
191-24-2	Benzo[g,h,i]perylene	3330		330	25
205-99-2	Benzo[b]fluoranthene	2780		33	2.1
50-32-8	Benzo[a]pyrene	2900		33	2.3
56-55-3	Benzo[a]anthracene	2550		33	2.3
86-30-6	N-Nitrosodiphenylamine	3130		330	33
85-68-7	Butyl benzyl phthalate	2880		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	2760		330	110
117-84-0	Di-n-octyl phthalate	2180		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	3240		33	6.2
53-70-3	Dibenz(a,h)anthracene	3410		33	4.2
91-94-1	3,3'-Dichlorobenzidine	2300		670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2650		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	2630		330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181498/2-A

Matrix: Solid Lab File ID: z3190.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3541 Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 08:41

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.: 181752 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	65		10-120
4165-62-2	Phenol-d5	66		41-118
367-12-4	2-Fluorophenol	63		37-125
4165-60-0	Nitrobenzene-d5	65		38-105
321-60-8	2-Fluorobiphenyl	66		40-109
1718-51-0	Terphenyl-d14	67		16-151

Data File: /chem/BNAMS11.i/8270/09-06-13/16sep13c.b/z3190.d
Report Date: 17-Sep-2013 11:03

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-06-13/16sep13c.b/z3190.d
Lab Smp Id: LCS 460-181498/2-A
Inj Date : 17-SEP-2013 08:41
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : LCS 460-181498/2-A
Misc Info : LCS 460-181498/2-A
Comment :
Method : /chem/BNAMS11.i/8270/09-06-13/16sep13c.b/8270C_11.m
Meth Date : 17-Sep-2013 00:23 asfawa Quant Type: ISTD
Cal Date : 06-SEP-2013 18:21 Cal File: z26655.d
Als bottle: 27 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	0.515	0.457	(0.211)	90264	11.4910	770
19	N-Nitrosodimethylamine	74	0.627	0.551	(0.257)	410039	35.2704	2400(H)
71	Pyridine	79	0.639	0.557	(0.262)	530400	26.3681	1800
$ 16	2-Fluorophenol (SUR)	112	1.409	1.368	(0.578)	1089444	62.6641	4200
110	Benzaldehyde	77	2.033	2.021	(0.834)	134676	14.9246	990
$ 17	Phenol-d5 (SUR)	99	2.215	2.209	(0.908)	1399824	65.6853	4400
1	Phenol	94	2.227	2.221	(0.913)	895112	40.4675	2700
73	Aniline	93	2.150	2.139	(0.882)	612405	26.7740	1800
20	bis(2-Chloroethyl)ether	93	2.239	2.233	(0.918)	748292	43.1919	2900
2	2-Chlorophenol	128	2.256	2.251	(0.925)	750450	41.9151	2800
113	n-decane	43	2.350	2.345	(0.964)	501688	24.8205	1600
21	1,3-Dichlorobenzene	146	2.380	2.374	(0.976)	772410	36.1146	2400
* 79	1,4-Dichlorobenzene-d4	152	2.439	2.433	(1.000)	532935	40.0000	

Data File: /chem/BNAMS11.i/8270/09-06-13/16sep13c.b/z3190.d
Report Date: 17-Sep-2013 11:03

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
	==========	====	==	======	======	========	=======	=======
22	1,4-Dichlorobenzene	146	2.450	2.451	(1.005)	780681	35.9652	2400
74	Benzyl Alcohol	108	2.633	2.633	(1.080)	419987	43.0157	2900
23	1,2-Dichlorobenzene	146	2.592	2.592	(1.063)	750652	37.6658	2500
3	2-Methylphenol	108	2.797	2.803	(1.147)	661274	45.9086	3100
24	bis (2-chloroisopropyl) ether	45	2.762	2.768	(1.133)	835425	39.1103	2600
4	4-Methylphenol	108	2.980	2.974	(1.222)	668468	45.8065	3000
123	3 & 4 Methylphenol	108	2.980	2.974	(1.222)	662855	45.5059	3000
104	Acetophenone	105	2.874	2.880	(1.178)	835371	38.8276	2600
25	N-Nitroso-di-n-propylamine	70	2.921	2.921	(1.198)	516848	45.2332	3000
26	Hexachloroethane	117	2.921	2.927	(1.198)	296285	35.1890	2300
$ 76	Nitrobenzene-d5 (SUR)	82	3.015	3.021	(0.800)	641111	32.3528	2200
27	Nitrobenzene	77	3.039	3.045	(0.806)	758677	27.8304	1800
28	Isophorone	82	3.321	3.321	(0.881)	1262111	44.4691	3000
5	2-Nitrophenol	139	3.386	3.386	(0.899)	401390	42.2013	2800
6	2,4-Dimethylphenol	122	3.539	3.533	(0.939)	604716	41.6626	2800
29	bis(2-Chloroethoxy)methane	93	3.609	3.609	(0.958)	825429	44.2857	3000
15	Benzoic Acid	122	3.762	3.739	(0.998)	148293	18.8754	1200
7	2,4-Dichlorophenol	162	3.680	3.680	(0.977)	560894	42.7776	2800
30	1,2,4-Trichlorobenzene	180	3.727	3.727	(0.989)	657611	39.5787	2600
* 80	Naphthalene-d8	136	3.768	3.768	(1.000)	1942024	40.0000	
31	Naphthalene	128	3.786	3.786	(1.005)	1985905	39.3865	2600
32	4-Chloroaniline	127	3.897	3.903	(1.034)	417745	25.1079	1700
33	Hexachlorobutadiene	225	3.962	3.962	(1.052)	401338	39.3678	2600
111	Caprolactam	113	4.333	4.327	(1.150)	106538	32.2025	2100
8	4-Chloro-3-methylphenol	107	4.503	4.492	(1.195)	541629	43.8572	2900
34	2-Methylnaphthalene	142	4.509	4.509	(1.197)	1708795	43.5648	2900
120	1-Methylnaphthalene	142	4.603	4.603	(1.222)	1186988	38.4317	2600
35	Hexachlorocyclopentadiene	237	4.691	4.692	(0.849)	322974	37.9630	2500
129	1,2,4,5-Tetrachlorobenzene	216	4.691	4.692	(0.849)	620997	39.6876	2600
9	2,4,6-Trichlorophenol	196	4.844	4.839	(0.877)	376598	41.1728	2700
10	2,4,5-Trichlorophenol	196	4.886	4.886	(0.884)	381725	41.0821	2700
$ 77	2-Fluorobiphenyl (SUR)	172	4.915	4.915	(0.889)	1067505	33.2430	2200
102	Diphenyl	154	4.997	4.997	(0.904)	1461942	40.9215	2700
36	2-Chloronaphthalene	162	4.986	4.992	(0.902)	1115032	40.4694	2700
37	2-Nitroaniline	65	5.138	5.139	(0.930)	322325	40.7047	2700
38	Dimethylphthalate	163	5.368	5.362	(0.971)	1154283	43.4906	2900
40	2,6-Dinitrotoluene	165	5.403	5.403	(0.978)	276724	46.8301	3100
39	Acenaphthylene	152	5.380	5.380	(0.973)	1694372	40.8922	2700
41	3-Nitroaniline	138	5.550	5.550	(1.004)	208763	34.4336	2300
* 82	Acenaphthene-d10	164	5.527	5.527	(1.000)	897408	40.0000	
42	Acenaphthene	154	5.562	5.556	(1.006)	1007195	41.2972	2800
11	2,4-Dinitrophenol	184	5.662	5.662	(1.024)	54199	18.8081	1200
12	4-Nitrophenol	65	5.815	5.809	(1.052)	261644	62.6268	4200
44	2,4-Dinitrotoluene	165	5.785	5.786	(1.047)	314661	42.8795	2800
43	Dibenzofuran	168	5.733	5.733	(1.037)	1406749	40.6651	2700
130	2,3,4,6-Tetrachlorophenol	232	5.885	5.886	(1.065)	256819	39.4429	2600
45	Diethylphthalate	149	6.056	6.056	(1.096)	1061170	41.8088	2800

Data File: /chem/BNAMS11.i/8270/09-06-13/16sep13c.b/z3190.d
Report Date: 17-Sep-2013 11:03

			QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
	46	4-Chlorophenyl-phenylether	204	6.097	6.097	(1.103)	584698	41.4532	2800
	47	Fluorene	166	6.056	6.056	(1.096)	1082920	39.3565	2600
	48	4-Nitroaniline	138	6.144	6.144	(1.112)	157998	33.1644	2200
	13	4,6-Dinitro-2-methylphenol	198	6.180	6.180	(0.891)	143879	39.5224	2600
	49	N-Nitrosodiphenylamine	169	6.232	6.227	(0.898)	766271	46.8790	3100
	75	1,2-Diphenylhydrazine	77	6.250	6.244	(0.901)	1193258	44.8054	3000
$	18	2,4,6-Tribromophenol (SUR)	330	6.303	6.297	(1.140)	258605	64.5496	4300
	50	4-Bromophenyl-phenylether	248	6.556	6.556	(0.945)	312175	44.4776	3000
	51	Hexachlorobenzene	284	6.585	6.586	(0.949)	326349	43.4162	2900
	112	Atrazine	200	6.791	6.791	(0.979)	229091	43.8002	2900
	14	Pentachlorophenol	266	6.803	6.803	(0.980)	254349	58.2453	3900
	132	Pentachloronitrobenzene	237	6.803	6.809	(0.980)	9644	3.10289	210(a)
	115	n-Octadecane	57	6.997	6.997	(1.008)	592943	39.7924	2600
*	83	Phenanthrene-d10	188	6.938	6.939	(1.000)	1105939	40.0000	
	52	Phenanthrene	178	6.962	6.962	(1.003)	1275341	41.0711	2700
	53	Anthracene	178	7.009	7.009	(1.010)	1248728	40.6250	2700
	54	Carbazole	167	7.197	7.197	(1.037)	981232	41.3795	2800
	55	Di-n-butylphthalate	149	7.621	7.621	(1.098)	1340025	42.0265	2800
	56	Fluoranthene	202	8.079	8.080	(1.164)	991224	36.0678	2400
	58	Benzidine	184	8.274	8.268	(1.192)	5667	1.27973	85(aR)
	57	Pyrene	202	8.279	8.280	(0.877)	959528	41.1462	2700
$	78	Terphenyl-d14	244	8.503	8.503	(0.900)	560400	33.6998	2200
	59	Butylbenzylphthalate	149	9.026	9.027	(0.956)	398275	43.2314	2900
	60	3,3'-Dichlorobenzidine	252	9.462	9.462	(1.002)	150155	34.4662	2300
	61	Benzo(a)anthracene	228	9.438	9.438	(0.999)	661831	38.2879	2600
*	81	Chrysene-d12	240	9.444	9.444	(1.000)	545729	40.0000	
	63	bis(2-Ethylhexyl)phthalate	149	9.620	9.621	(1.019)	513864	41.4024	2800
	62	Chrysene	228	9.468	9.468	(1.002)	677050	43.5490	2900
	64	Di-n-octylphthalate	149	10.215	10.215	(0.950)	714030	32.6297	2200
	65	Benzo(b)fluoranthene	252	10.409	10.403	(0.968)	607826	41.7676	2800
	66	Benzo(k)fluoranthene	252	10.432	10.432	(0.970)	649309	38.0249	2500
	67	Benzo(a)pyrene	252	10.697	10.697	(0.995)	549625	43.5101	2900
*	84	Perylene-d12	264	10.756	10.750	(1.000)	477002	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	11.832	11.826	(1.100)	444966	48.5277	3200
	69	Dibenz(a,h)anthracene	278	11.867	11.868	(1.103)	519785	51.0931	3400
	70	Benzo(g,h,i)perylene	276	12.097	12.085	(1.125)	532620	49.9188	3300(M)

QC Flag Legend

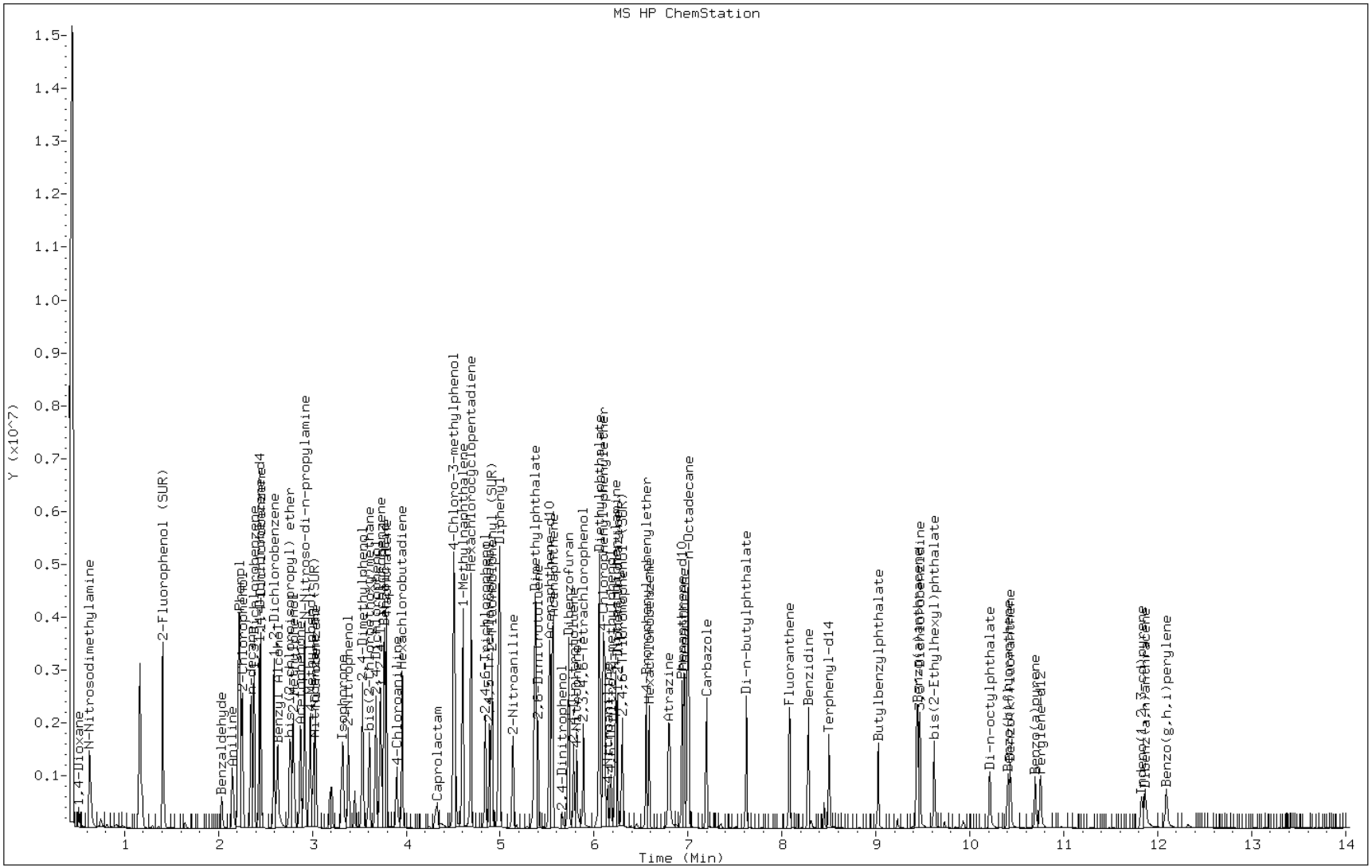
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z3190.d

Date: 17-SEP-2013 08:41

Client ID: Instrument: BNAMS11.i

Sample Info: LCS 460-181498/2-A Operator: BNAMS 4



Manual Integration Report

Data File: z3190.d
Inj. Date and Time: 17-SEP-2013 08:41
Instrument ID: BNAMS11.i
Client ID:
Compound: 70 Benzo(g,h,i)perylene
CAS #: 191-24-2
Report Date: 09/17/2013

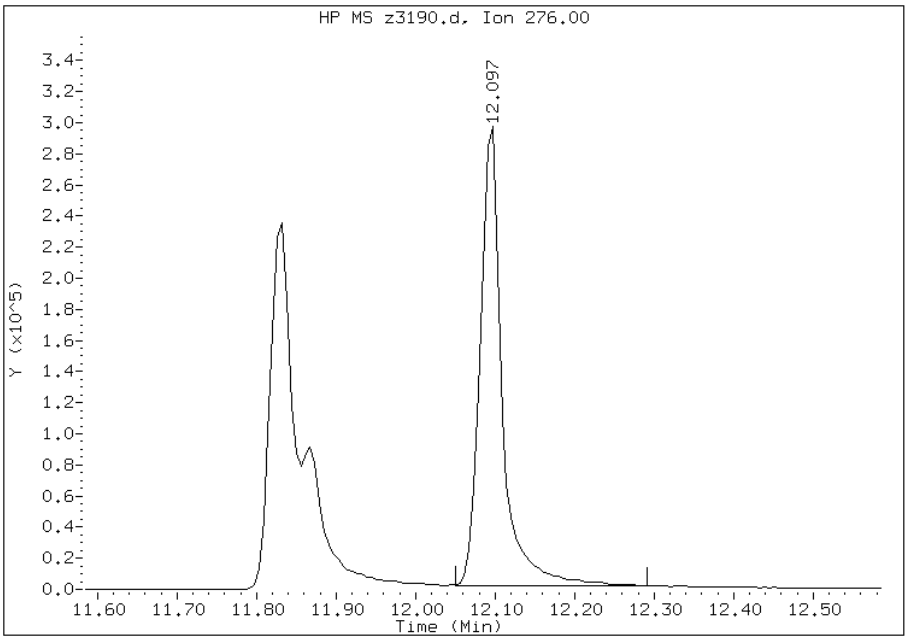
Processing Integration Results

RT: 12.10

Response: 569171

Amount: 53

Conc: 3556



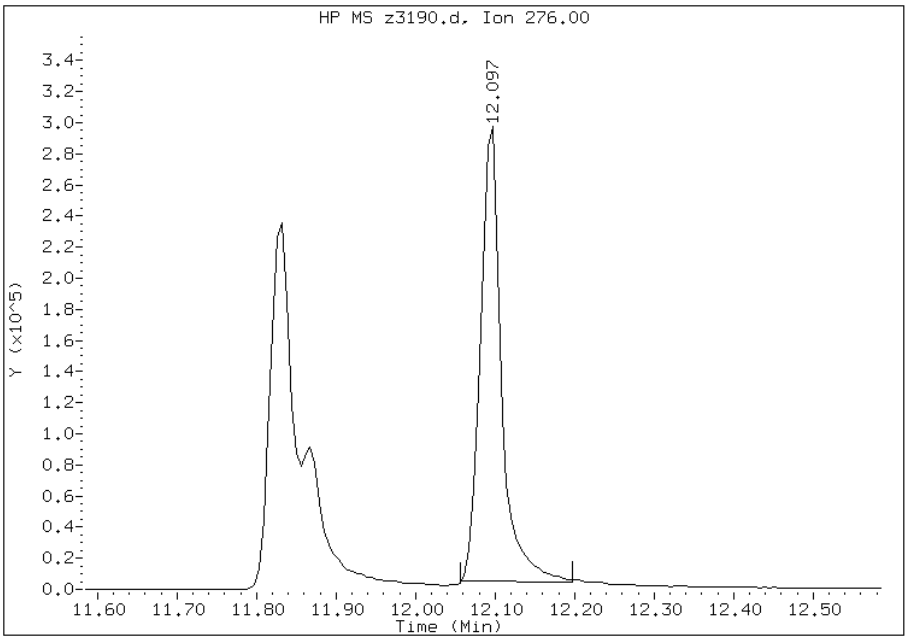
Manual Integration Results

RT: 12.10

Response: 532620

Amount: 50

Conc: 3328



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181657/2-A

Matrix: Water | Lab File ID: M69582.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/17/2013 03:27

Sample wt/vol: 250(mL) | Date Analyzed: 09/19/2013 15:48

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.: 182076 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	29.7		10	0.60
95-57-8	2-Chlorophenol	64.7		10	0.93
95-48-7	2-Methylphenol	56.0		10	1.4
106-44-5	4-Methylphenol	51.6		10	1.0
100-52-7	Benzaldehyde	89.2		10	2.1
98-86-2	Acetophenone	59.2		10	0.89
111-44-4	Bis(2-chloroethyl)ether	54.6		1.0	0.30
108-60-1	2,2'-oxybis[1-chloropropane]	57.7		10	1.3
621-64-7	N-Nitrosodi-n-propylamine	58.5		1.0	0.27
98-95-3	Nitrobenzene	57.2		1.0	0.34
67-72-1	Hexachloroethane	50.3		1.0	0.15
78-59-1	Isophorone	56.3		10	1.3
88-75-5	2-Nitrophenol	68.5		10	0.68
105-67-9	2,4-Dimethylphenol	70.6		10	1.2
120-83-2	2,4-Dichlorophenol	67.8		10	1.1
111-91-1	Bis(2-chloroethoxy)methane	63.4		10	1.0
91-20-3	Naphthalene	67.7		10	2.0
106-47-8	4-Chloroaniline	62.1		1.0	0.32
87-68-3	Hexachlorobutadiene	60.2		2.0	0.68
105-60-2	Caprolactam	27.8		10	0.91
59-50-7	4-Chloro-3-methylphenol	62.6		10	1.1
91-57-6	2-Methylnaphthalene	65.8		10	1.5
118-74-1	Hexachlorobenzene	88.2		1.0	0.20
77-47-4	Hexachlorocyclopentadiene	58.8		10	1.5
88-06-2	2,4,6-Trichlorophenol	78.4		10	1.4
95-95-4	2,4,5-Trichlorophenol	75.9		10	2.2
92-52-4	Diphenyl	68.5		10	1.8
91-58-7	2-Chloronaphthalene	68.6		10	1.3
88-74-4	2-Nitroaniline	48.1		20	2.0
606-20-2	2,6-Dinitrotoluene	72.7		2.0	0.27
131-11-3	Dimethyl phthalate	70.0		10	1.1
208-96-8	Acenaphthylene	68.2		10	1.8
99-09-2	3-Nitroaniline	76.7		20	2.9
83-32-9	Acenaphthene	67.2		10	1.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181657/2-A

Matrix: Water | Lab File ID: M69582.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/17/2013 03:27

Sample wt/vol: 250(mL) | Date Analyzed: 09/19/2013 15:48

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.: 182076 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	34.3		30	2.0
51-28-5	2,4-Dinitrophenol	77.7		30	2.0
132-64-9	Dibenzofuran	66.0		10	1.5
84-66-2	Diethyl phthalate	66.2		10	1.4
86-73-7	Fluorene	71.1		10	1.7
206-44-0	Fluoranthene	75.3		10	1.1
84-74-2	Di-n-butyl phthalate	67.8		10	1.0
121-14-2	2,4-Dinitrotoluene	71.3		2.0	0.28
7005-72-3	4-Chlorophenyl phenyl ether	69.4		10	1.5
100-01-6	4-Nitroaniline	82.1		20	2.9
534-52-1	4,6-Dinitro-2-methylphenol	84.3		30	3.0
101-55-3	4-Bromophenyl phenyl ether	70.4		10	1.1
1912-24-9	Atrazine	53.3		10	1.0
120-12-7	Anthracene	71.3		10	0.85
86-74-8	Carbazole	74.0		10	1.2
85-01-8	Phenanthrene	72.0		10	1.2
87-86-5	Pentachlorophenol	83.0		30	2.7
129-00-0	Pyrene	59.6		10	1.1
218-01-9	Chrysene	68.7		10	1.4
207-08-9	Benzo[k]fluoranthene	73.9		1.0	0.14
191-24-2	Benzo[g,h,i]perylene	73.1		10	0.93
205-99-2	Benzo[b]fluoranthene	74.1		1.0	0.21
50-32-8	Benzo[a]pyrene	72.5		1.0	0.14
56-55-3	Benzo[a]anthracene	70.1		1.0	0.18
86-30-6	N-Nitrosodiphenylamine	74.7		10	1.0
85-68-7	Butyl benzyl phthalate	59.7		10	1.4
117-81-7	Bis(2-ethylhexyl) phthalate	56.3		10	0.81
117-84-0	Di-n-octyl phthalate	63.7		10	0.88
193-39-5	Indeno[1,2,3-cd]pyrene	73.6		1.0	0.11
53-70-3	Dibenz(a,h)anthracene	75.9		1.0	0.16
91-94-1	3,3'-Dichlorobenzidine	83.4		20	3.2
95-94-3	1,2,4,5-Tetrachlorobenzene	67.1		10	1.8
58-90-2	2,3,4,6-Tetrachlorophenol	77.5		10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-181657/2-A

Matrix: Water | Lab File ID: M69582.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/17/2013 03:27

Sample wt/vol: 250(mL) | Date Analyzed: 09/19/2013 15:48

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.: 182076 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	112		51-126
4165-62-2	Phenol-d5	31		4-86
367-12-4	2-Fluorophenol	46		15-96
4165-60-0	Nitrobenzene-d5	69		60-114
321-60-8	2-Fluorobiphenyl	81		50-120
1718-51-0	Terphenyl-d14	73		72-130

Report Date: 20-Sep-2013 16:06:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS6\20130919-4793.b\M69582.D
Lims ID: LCS 460-181657/2-A Client ID:
Inject. Date: 19-Sep-2013 15:48:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 460-0004793-026
Misc. Info.:
Operator: Instrument ID: CBNAMS6
Injection Vol: 5.0 ul ALS Bottle#: 26
Lims Batch ID: 182076 Lims Sample ID: 26
Detector: MS SCAN

Method: \\EDICHROM\ChromData\CBNAMS6\20130919-4793.b\8270LVI_6.m
Last Update: 20-Sep-2013 16:06:53 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 08:59:52

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
1 1,4-Dioxane	88	1.445	1.400	0.045	93	226223	4.11	
2 N-Nitrosodimethylamine	74	1.616	1.585	0.031	59	386699	5.12	
3 Pyridine	79	1.646	1.607	0.039	81	326868	2.99	
$ 4 2-Fluorophenol	112	2.579	2.573	0.006	88	501097	4.65	
5 Benzaldehyde	77	3.348	3.343	0.005	83	715438	11.2	
8 Aniline	93	3.460	3.463	-0.003	84	711240	5.25	
$ 6 Phenol-d5	99	3.460	3.470	-0.010	77	400299	3.06	
7 Phenol	94	3.468	3.485	-0.017	82	499124	3.71	
9 Bis(2-chloroethyl)ether	93	3.534	3.538	-0.004	83	749884	6.82	
10 2-Chlorophenol	128	3.586	3.591	-0.005	88	819171	8.09	
11 n-Decane	43	3.646	3.650	-0.004	86	655523	4.94	
12 1,3-Dichlorobenzene	146	3.729	3.733	-0.004	78	797371	7.02	
* 13 1,4-Dichlorobenzene-d4	152	3.789	3.792	-0.003	94	624183	8.00	
14 1,4-Dichlorobenzene	146	3.804	3.806	-0.002	78	827039	7.29	
15 Benzyl alcohol	108	3.954	3.955	-0.001	78	502908	8.10	
16 1,2-Dichlorobenzene	146	3.954	3.955	-0.001	76	799813	7.34	
18 2,2'-oxybis[1-chloropropane]	45	4.081	4.083	-0.002	76	1202883	7.21	
17 2-Methylphenol	108	4.081	4.091	-0.010	72	661208	7.00	
19 Acetophenone	105	4.216	4.218	-0.002	90	1132713	7.40	
20 N-Nitrosodi-n-propylamine	70	4.231	4.233	-0.002	91	703373	7.31	
21 4-Methylphenol	108	4.246	4.255	-0.009	91	610028	6.45	
22 3 & 4 Methylphenol	108	4.246	4.255	-0.009	0	615921	6.30	
24 Hexachloroethane	117	4.299	4.299	0.0	86	396748	6.28	
$ 25 Nitrobenzene-d5	82	4.359	4.366	-0.007	94	926556	6.94	
26 Nitrobenzene	77	4.382	4.389	-0.006	83	1330495	7.15	
27 n,n'-Dimethylaniline	120	4.389	4.389	0.001	82	1066537	7.56	
28 Isophorone	82	4.636	4.634	0.002	94	1366235	7.04	
29 2-Nitrophenol	139	4.704	4.708	-0.004	77	483791	8.56	
30 2,4-Dimethylphenol	122	4.786	4.783	0.003	84	683776	8.83	
31 Bis(2-chloroethoxy)methane	93	4.868	4.866	0.002	90	829338	7.93	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
32 Benzoic acid	122	4.928	4.964	-0.036	74	143073	3.77	
33 2,4-Dichlorophenol	162	4.958	4.964	-0.006	84	668211	8.47	
34 1,2,4-Trichlorobenzene	180	5.032	5.032	0.0	86	754884	8.02	
* 35 Naphthalene-d8	136	5.078	5.085	-0.007	91	1827346	8.00	
36 Naphthalene	128	5.100	5.100	0.0	97	1976563	8.46	
37 4-Chloroaniline	127	5.174	5.175	-0.001	88	720926	7.76	
38 Hexachlorobutadiene	225	5.240	5.243	-0.003	82	446617	7.53	
39 Caprolactam	113	5.554	5.578	-0.024	81	67562	3.47	
40 4-Chloro-3-methylphenol	107	5.696	5.706	-0.010	84	648001	7.82	
41 2-Methylnaphthalene	142	5.801	5.804	-0.003	75	1240759	8.22	
42 1-Methylnaphthalene	142	5.898	5.902	-0.004	80	1148732	7.24	
43 Hexachlorocyclopentadiene	237	5.974	5.977	-0.003	80	413921	7.35	
44 1,2,4,5-Tetrachlorobenzene	216	5.974	5.977	-0.003	91	757126	8.39	
46 2,4,6-Trichlorophenol	196	6.102	6.103	-0.001	82	510928	9.80	
47 2,4,5-Trichlorophenol	196	6.140	6.148	-0.008	86	528569	9.48	
$ 48 2-Fluorobiphenyl	172	6.178	6.178	0.0	96	1370751	8.11	
49 1,1'-Biphenyl	154	6.276	6.277	-0.001	95	1524278	8.56	
50 2-Chloronaphthalene	162	6.283	6.284	-0.001	93	1269400	8.58	
53 Phenyl ether	170	6.381	6.382	-0.001	80	885821	8.59	
54 2-Nitroaniline	65	6.404	6.405	-0.001	80	461886	6.01	
56 Dimethyl phthalate	163	6.600	6.601	-0.001	94	1415284	8.74	
58 2,6-Dinitrotoluene	165	6.653	6.654	-0.001	86	361928	9.09	
59 Acenaphthylene	152	6.691	6.692	-0.001	96	1813894	8.52	
60 3-Nitroaniline	138	6.817	6.812	0.005	85	326758	9.59	
* 61 Acenaphthene-d10	164	6.832	6.835	-0.003	72	990678	8.00	
62 Acenaphthene	154	6.862	6.865	-0.003	94	1083276	8.40	
64 2,4-Dinitrophenol	184	6.915	6.918	-0.003	92	210401	9.71	
65 4-Nitrophenol	65	7.020	7.016	0.004	81	132690	4.28	
66 Dibenzofuran	168	7.035	7.039	-0.004	87	1572366	8.25	
67 2,4-Dinitrotoluene	165	7.043	7.046	-0.003	89	447679	8.91	
68 2,3,4,6-Tetrachlorophenol	232	7.171	7.174	-0.003	85	372264	9.69	
69 Diethyl phthalate	149	7.292	7.294	-0.002	95	1311856	8.27	
70 Fluorene	166	7.374	7.369	0.005	74	1358942	8.88	
71 4-Chlorophenyl phenyl ether	204	7.381	7.383	-0.002	85	690049	8.67	
72 4-Nitroaniline	138	7.419	7.420	-0.001	71	301189	10.3	
73 4,6-Dinitro-2-methylphenol	198	7.449	7.451	-0.002	75	277866	10.5	
74 N-Nitrosodiphenylamine	169	7.502	7.504	-0.002	62	917134	9.34	
75 1,2-Diphenylhydrazine	77	7.532	7.534	-0.002	96	1357380	7.60	
$ 76 2,4,6-Tribromophenol	330	7.616	7.609	0.007	86	263954	11.2	
77 4-Bromophenyl phenyl ether	248	7.854	7.855	-0.001	74	361220	8.80	
78 Hexachlorobenzene	284	7.922	7.916	0.006	86	466624	11.0	
79 Atrazine	200	8.043	8.052	-0.009	84	225556	6.66	
121 Pentachlorophenol	266	8.119	8.119	0.0	82	273024	10.4	
82 n-Octadecane	57	8.224	8.223	0.001	93	778830	7.26	
* 83 Phenanthrene-d10	188	8.285	8.283	0.002	97	1359264	8.00	
84 Phenanthrene	178	8.307	8.306	0.001	86	1607404	9.00	
85 Anthracene	178	8.353	8.359	-0.006	88	1626576	8.92	
86 Carbazole	167	8.523	8.525	-0.002	97	1412939	9.25	
87 Di-n-butyl phthalate	149	8.890	8.891	-0.001	98	1912362	8.48	
88 Fluoranthene	202	9.467	9.464	0.003	98	1685594	9.41	
122 Benzidine	184	9.610	9.613	-0.003	90	33118	0.99	
90 Pyrene	202	9.684	9.681	0.003	97	1651124	7.45	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ug/ml	Flags
$ 91 Terphenyl-d14	244	9.850	9.854	-0.004	96	1027767	7.31	
92 Butyl benzyl phthalate	149	10.344	10.344	0.0	97	806613	7.46	
94 3,3'-Dichlorobenzidine	252	10.897	10.896	0.001	92	543425	10.4	
95 Benzo[a]anthracene	228	10.911	10.910	0.001	87	1453984	8.77	
* 96 Chrysene-d12	240	10.925	10.925	0.001	97	1068648	8.00	
97 Chrysene	228	10.953	10.954	-0.001	95	1298954	8.58	
98 Bis(2-ethylhexyl) phthalate	149	10.990	10.983	0.007	87	1002714	7.03	
99 Di-n-octyl phthalate	149	11.770	11.768	0.002	95	1746260	7.96	
100 Benzo[b]fluoranthene	252	12.197	12.193	0.004	86	1197472	9.26	
101 Benzo[k]fluoranthene	252	12.234	12.229	0.005	84	1223336	9.24	
102 Benzo[a]pyrene	252	12.600	12.600	0.0	87	1061348	9.06	
* 103 Perylene-d12	264	12.676	12.674	0.002	99	949273	8.00	
104 Indeno[1,2,3-cd]pyrene	276	14.053	14.045	0.008	82	1080194	9.20	
105 Dibenz(a,h)anthracene	278	14.083	14.083	0.0	85	1132731	9.49	
106 Benzo[g,h,i]perylene	276	14.391	14.383	0.008	80	1137942	9.14	

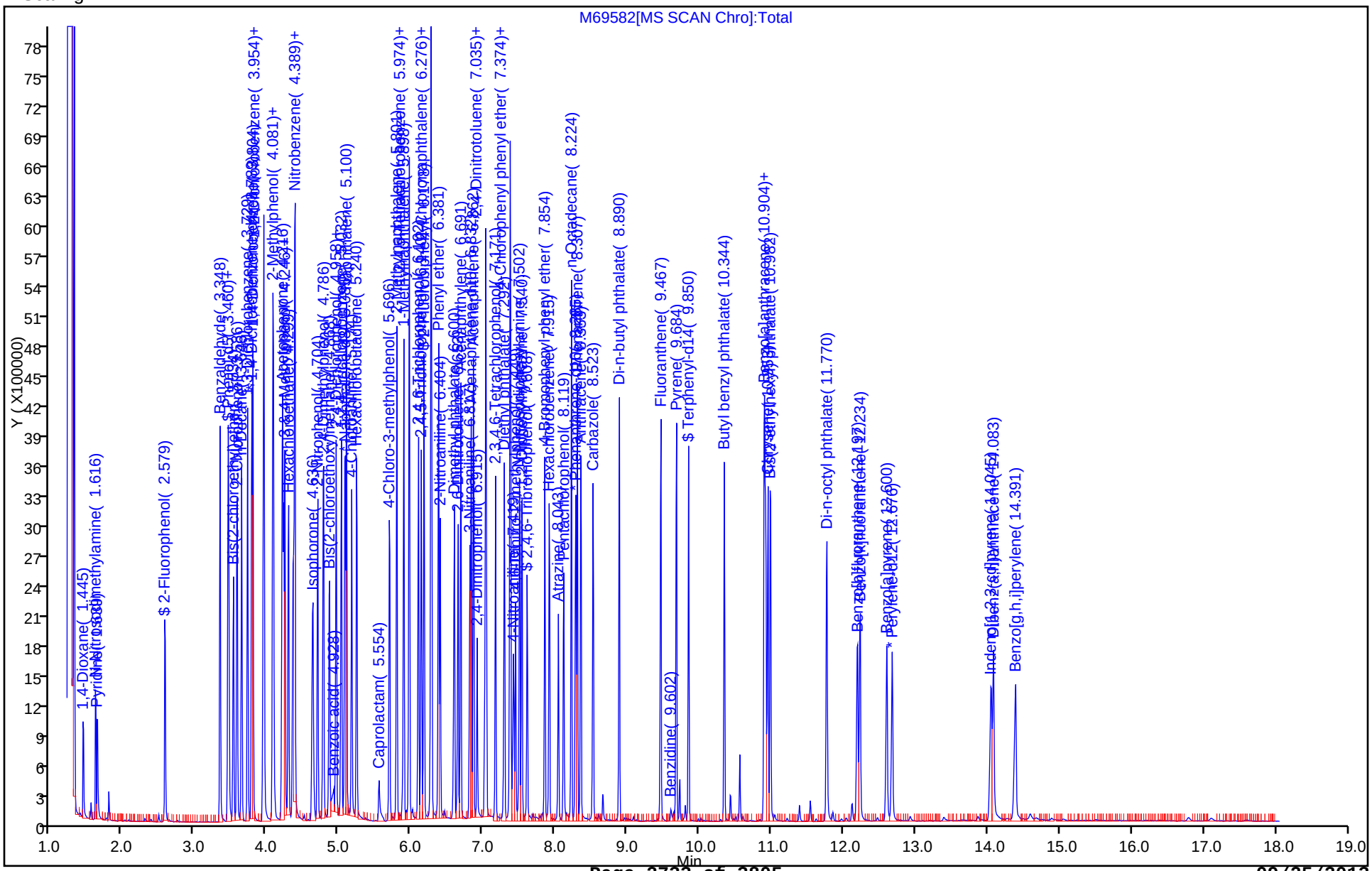
Report Date: 20-Sep-2013 16:06:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS6\20130919-4793.b\M69582.D

Injection Date:	19-Sep-2013 15:48:30	Limit Group:	SV 8270 ICAL
Client ID:		Instrument ID:	CBNAMS6
Lims Batch ID:	182076	Lims Sample ID:	26
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.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-181657/3-A

Matrix: Water | Lab File ID: M69619.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/17/2013 03:27

Sample wt/vol: 250(mL) | Date Analyzed: 09/20/2013 16:15

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.: 182381 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	30.8		10	0.60
95-57-8	2-Chlorophenol	71.1		10	0.93
95-48-7	2-Methylphenol	59.0		10	1.4
106-44-5	4-Methylphenol	55.8		10	1.0
100-52-7	Benzaldehyde	94.3		10	2.1
98-86-2	Acetophenone	65.8		10	0.89
111-44-4	Bis(2-chloroethyl)ether	60.5		1.0	0.30
108-60-1	2,2'-oxybis[1-chloropropane]	64.0		10	1.3
621-64-7	N-Nitrosodi-n-propylamine	65.1		1.0	0.27
98-95-3	Nitrobenzene	60.9		1.0	0.34
67-72-1	Hexachloroethane	63.4		1.0	0.15
78-59-1	Isophorone	67.3		10	1.3
88-75-5	2-Nitrophenol	73.2		10	0.68
105-67-9	2,4-Dimethylphenol	69.8		10	1.2
120-83-2	2,4-Dichlorophenol	75.2		10	1.1
111-91-1	Bis(2-chloroethoxy)methane	70.4		10	1.0
91-20-3	Naphthalene	73.6		10	2.0
106-47-8	4-Chloroaniline	75.8		1.0	0.32
87-68-3	Hexachlorobutadiene	74.2		2.0	0.68
105-60-2	Caprolactam	23.6		10	0.91
59-50-7	4-Chloro-3-methylphenol	72.8		10	1.1
91-57-6	2-Methylnaphthalene	74.1		10	1.5
118-74-1	Hexachlorobenzene	98.8		1.0	0.20
77-47-4	Hexachlorocyclopentadiene	70.2		10	1.5
88-06-2	2,4,6-Trichlorophenol	83.0		10	1.4
95-95-4	2,4,5-Trichlorophenol	86.1		10	2.2
92-52-4	Diphenyl	72.8		10	1.8
91-58-7	2-Chloronaphthalene	76.4		10	1.3
88-74-4	2-Nitroaniline	57.6		20	2.0
606-20-2	2,6-Dinitrotoluene	82.6		2.0	0.27
131-11-3	Dimethyl phthalate	79.4		10	1.1
208-96-8	Acenaphthylene	75.3		10	1.8
99-09-2	3-Nitroaniline	90.0		20	2.9
83-32-9	Acenaphthene	74.8		10	1.1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-181657/3-A

Matrix: Water | Lab File ID: M69619.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 09/17/2013 03:27

Sample wt/vol: 250(mL) | Date Analyzed: 09/20/2013 16:15

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.: 182381 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	31.6		30	2.0
51-28-5	2,4-Dinitrophenol	86.9		30	2.0
132-64-9	Dibenzofuran	76.4		10	1.5
84-66-2	Diethyl phthalate	76.6		10	1.4
86-73-7	Fluorene	77.1		10	1.7
206-44-0	Fluoranthene	82.6		10	1.1
84-74-2	Di-n-butyl phthalate	74.5		10	1.0
121-14-2	2,4-Dinitrotoluene	83.9		2.0	0.28
7005-72-3	4-Chlorophenyl phenyl ether	83.1		10	1.5
100-01-6	4-Nitroaniline	88.6		20	2.9
534-52-1	4,6-Dinitro-2-methylphenol	102		30	3.0
101-55-3	4-Bromophenyl phenyl ether	86.7		10	1.1
1912-24-9	Atrazine	64.4		10	1.0
120-12-7	Anthracene	82.9		10	0.85
86-74-8	Carbazole	78.5		10	1.2
85-01-8	Phenanthrene	80.6		10	1.2
87-86-5	Pentachlorophenol	97.3		30	2.7
129-00-0	Pyrene	70.6		10	1.1
218-01-9	Chrysene	72.0		10	1.4
207-08-9	Benzo[k]fluoranthene	82.0		1.0	0.14
191-24-2	Benzo[g,h,i]perylene	73.1		10	0.93
205-99-2	Benzo[b]fluoranthene	84.5		1.0	0.21
50-32-8	Benzo[a]pyrene	82.9		1.0	0.14
56-55-3	Benzo[a]anthracene	77.0		1.0	0.18
86-30-6	N-Nitrosodiphenylamine	81.9		10	1.0
85-68-7	Butyl benzyl phthalate	65.2		10	1.4
117-81-7	Bis(2-ethylhexyl) phthalate	65.7		10	0.81
117-84-0	Di-n-octyl phthalate	66.9		10	0.88
193-39-5	Indeno[1,2,3-cd]pyrene	81.3		1.0	0.11
53-70-3	Dibenz(a,h)anthracene	75.8		1.0	0.16
91-94-1	3,3'-Dichlorobenzidine	86.0		20	3.2
95-94-3	1,2,4,5-Tetrachlorobenzene	73.5		10	1.8
58-90-2	2,3,4,6-Tetrachlorophenol	88.2		10	0.89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-181657/3-A

Matrix: Water Lab File ID: M69619.D

Analysis Method: 8270C Date Collected:

Extract. Method: 3510C Date Extracted: 09/17/2013 03:27

Sample wt/vol: 250(mL) Date Analyzed: 09/20/2013 16:15

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.: 182381 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	131	X	51-126
4165-62-2	Phenol-d5	33		4-86
367-12-4	2-Fluorophenol	49		15-96
4165-60-0	Nitrobenzene-d5	76		60-114
321-60-8	2-Fluorobiphenyl	87		50-120
1718-51-0	Terphenyl-d14	90		72-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS6\20130920-4853.b\M69619.D
Lims ID: LCSD 460-181657/3-A Lab Sample ID:
Client ID:
Sample Type: LCSD
Inject. Date: 20-Sep-2013 16:15:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0004853-006
Operator ID: Instrument ID: CBNAMS6

Method: \\EDICHROM\ChromData\CBNAMS6\20130920-4853.b\8270LVI_6.m
Limit Group: SV 8270 ICAL
Last Update: 24-Sep-2013 16:54:41 Calib Date: 31-Aug-2013 13:07:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CBNAMS6\20130831-4188.b\M68901.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Detector MS SCAN
Process Host: XAWRK022

First Level Reviewer: bayoumiw Date: 24-Sep-2013 16:54:41

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.498	1.446	0.052	91	224653	4.10	
	2 N-Nitrosodimethylamine	74	1.662	1.624	0.038	63	382175	5.09	
	3 Pyridine	79	1.692	1.646	0.046	79	345136	3.17	
$	4 2-Fluorophenol	112	2.593	2.579	0.014	91	525495	4.90	
	5 Benzaldehyde	77	3.340	3.340	0.0	83	742424	11.8	
	8 Aniline	93	3.452	3.453	-0.001	83	816323	6.06	
$	6 Phenol-d5	99	3.452	3.460	-0.008	83	433827	3.34	
	7 Phenol	94	3.459	3.475	-0.016	82	515229	3.85	
	9 Bis(2-chloroethyl)ether	93	3.527	3.528	-0.001	85	826987	7.57	
	10 2-Chlorophenol	128	3.572	3.581	-0.009	88	894991	8.88	
	11 n-Decane	43	3.640	3.641	-0.001	85	923456	7.00	
	12 1,3-Dichlorobenzene	146	3.722	3.724	-0.002	78	928039	8.21	
*	13 1,4-Dichlorobenzene-d4	152	3.775	3.776	-0.001	90	620833	8.00	
	14 1,4-Dichlorobenzene	146	3.798	3.797	0.001	83	985973	8.74	
	15 Benzyl alcohol	108	3.940	3.946	-0.006	84	496705	8.04	
	16 1,2-Dichlorobenzene	146	3.948	3.946	0.002	77	887484	8.19	
	18 2,2'-oxybis[1-chloropropane]	45	4.072	4.073	-0.001	78	1328567	8.01	
	17 2-Methylphenol	108	4.072	4.081	-0.009	71	692871	7.38	
	19 Acetophenone	105	4.207	4.207	0.0	91	1251074	8.22	
	20 N-Nitrosodi-n-propylamine	70	4.223	4.222	0.001	87	778834	8.13	
	21 4-Methylphenol	108	4.238	4.245	-0.007	91	655807	6.97	
	22 3 & 4 Methylphenol	108	4.238	4.245	-0.007	0	666717	6.86	
	24 Hexachloroethane	117	4.290	4.289	0.001	88	497383	7.92	
$	25 Nitrobenzene-d5	82	4.350	4.356	-0.006	94	1036125	7.55	
	26 Nitrobenzene	77	4.380	4.378	0.002	80	1457221	7.62	
	27 n,n'-Dimethylaniline	120	4.380	4.378	0.002	78	1161500	8.28	
	28 Isophorone	82	4.627	4.626	0.001	94	1678835	8.41	
	29 2-Nitrophenol	139	4.693	4.694	-0.001	76	531589	9.15	
	30 2,4-Dimethylphenol	122	4.776	4.777	-0.001	83	694854	8.73	
	31 Bis(2-chloroethoxy)methane	93	4.859	4.852	0.007	90	945689	8.79	
	32 Benzoic acid	122	4.904	4.950	-0.046	87	105454	2.87	
	33 2,4-Dichlorophenol	162	4.949	4.950	-0.001	84	761987	9.40	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
34 1,2,4-Trichlorobenzene	180	5.025	5.025	0.0	85	865859	8.95	
* 35 Naphthalene-d8	136	5.070	5.070	0.0	95	1878813	8.00	
36 Naphthalene	128	5.093	5.093	0.0	92	2208689	9.19	
37 4-Chloroaniline	127	5.168	5.169	-0.001	90	904964	9.47	
38 Hexachlorobutadiene	225	5.236	5.237	-0.001	84	565252	9.27	
39 Caprolactam	113	5.550	5.574	-0.024	81	59094	2.96	
40 4-Chloro-3-methylphenol	107	5.691	5.693	-0.002	85	774851	9.10	
41 2-Methylnaphthalene	142	5.787	5.791	-0.004	76	1437295	9.26	
42 1-Methylnaphthalene	142	5.885	5.889	-0.004	80	1391736	8.53	
43 Hexachlorocyclopentadiene	237	5.961	5.965	-0.004	75	527363	8.77	
44 1,2,4,5-Tetrachlorobenzene	216	5.969	5.965	0.004	91	884815	9.19	
46 2,4,6-Trichlorophenol	196	6.088	6.094	-0.006	81	576444	10.4	
47 2,4,5-Trichlorophenol	196	6.126	6.139	-0.013	86	640174	10.8	
$ 48 2-Fluorobiphenyl	172	6.172	6.170	0.002	96	1573473	8.72	
49 1,1'-Biphenyl	154	6.263	6.268	-0.005	96	1729831	9.11	
50 2-Chloronaphthalene	162	6.278	6.276	0.002	94	1506780	9.54	
53 Phenyl ether	170	6.367	6.372	-0.005	82	1049912	9.54	
54 2-Nitroaniline	65	6.397	6.395	0.002	93	590196	7.20	M
56 Dimethyl phthalate	163	6.593	6.590	0.003	96	1713563	9.92	
58 2,6-Dinitrotoluene	165	6.645	6.643	0.002	86	438379	10.3	
59 Acenaphthylene	152	6.681	6.681	0.0	96	2138098	9.41	
60 3-Nitroaniline	138	6.807	6.809	-0.002	87	408940	11.2	
* 61 Acenaphthene-d10	164	6.821	6.824	-0.003	75	1056890	8.00	
62 Acenaphthene	154	6.852	6.854	-0.002	93	1285256	9.34	
64 2,4-Dinitrophenol	184	6.904	6.907	-0.003	91	257001	10.9	
65 4-Nitrophenol	65	7.002	7.005	-0.003	86	126710	3.95	
66 Dibenzofuran	168	7.025	7.028	-0.003	87	1941858	9.55	
67 2,4-Dinitrotoluene	165	7.032	7.035	-0.003	86	562386	10.5	
68 2,3,4,6-Tetrachlorophenol	232	7.161	7.163	-0.002	85	451733	11.0	
69 Diethyl phthalate	149	7.281	7.284	-0.003	95	1619218	9.57	
70 Fluorene	166	7.363	7.358	0.005	76	1573227	9.64	
71 4-Chlorophenyl phenyl ether	204	7.370	7.373	-0.003	85	881591	10.4	
72 4-Nitroaniline	138	7.408	7.411	-0.003	69	346875	11.1	
73 4,6-Dinitro-2-methylphenol	198	7.438	7.441	-0.003	72	371373	12.8	
74 N-Nitrosodiphenylamine	169	7.497	7.494	0.003	58	1107486	10.2	
75 1,2-Diphenylhydrazine	77	7.527	7.525	0.002	95	1696384	8.62	
$ 76 2,4,6-Tribromophenol	330	7.603	7.599	0.005	91	327876	13.1	
77 4-Bromophenyl phenyl ether	248	7.849	7.844	0.005	87	490111	10.8	
78 Hexachlorobenzene	284	7.910	7.905	0.005	87	576256	12.4	
79 Atrazine	200	8.036	8.039	-0.003	87	300206	8.05	
121 Pentachlorophenol	266	8.103	8.105	-0.002	83	352559	12.2	
82 n-Octadecane	57	8.211	8.214	-0.003	94	1028971	8.70	
* 83 Phenanthrene-d10	188	8.272	8.275	-0.003	97	1497450	8.00	
84 Phenanthrene	178	8.295	8.298	-0.003	86	1982450	10.1	
85 Anthracene	178	8.347	8.342	0.005	86	2082476	10.4	
86 Carbazole	167	8.512	8.513	-0.001	98	1651414	9.82	
87 Di-n-butyl phthalate	149	8.879	8.880	-0.001	99	2313924	9.31	
88 Fluoranthene	202	9.448	9.455	-0.007	98	2037758	10.3	
122 Benzidine	184	9.598	9.595	0.003	96	53667	1.46	
90 Pyrene	202	9.666	9.669	-0.003	97	2021695	8.83	
$ 91 Terphenyl-d14	244	9.838	9.841	-0.003	98	1309241	9.02	
92 Butyl benzyl phthalate	149	10.329	10.336	-0.007	97	909092	8.15	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
94 3,3'-Dichlorobenzidine	252	10.883	10.881	0.002	98	578567	10.7	
95 Benzo[a]anthracene	228	10.890	10.895	-0.005	88	1648747	9.63	
* 96 Chrysene-d12	240	10.904	10.909	-0.005	97	1103699	8.00	
97 Chrysene	228	10.933	10.939	-0.006	96	1407546	9.01	
98 Bis(2-ethylhexyl) phthalate	149	10.971	10.969	0.002	86	1208622	8.21	
99 Di-n-octyl phthalate	149	11.750	11.750	0.0	95	1888846	8.36	
100 Benzo[b]fluoranthene	252	12.177	12.175	0.002	86	1407237	10.6	
101 Benzo[k]fluoranthene	252	12.215	12.213	0.002	84	1398299	10.3	
102 Benzo[a]pyrene	252	12.581	12.581	0.0	87	1250098	10.4	
* 103 Perylene-d12	264	12.655	12.657	-0.002	99	977737	8.00	
104 Indeno[1,2,3-cd]pyrene	276	14.026	14.024	0.002	83	1256897	10.2	
105 Dibenz(a,h)anthracene	278	14.056	14.055	0.001	85	1164884	9.47	
106 Benzo[g,h,i]perylene	276	14.362	14.361	0.001	90	1172094	9.14	

QC Flag Legend

Review Flags
M - Manually Integrated

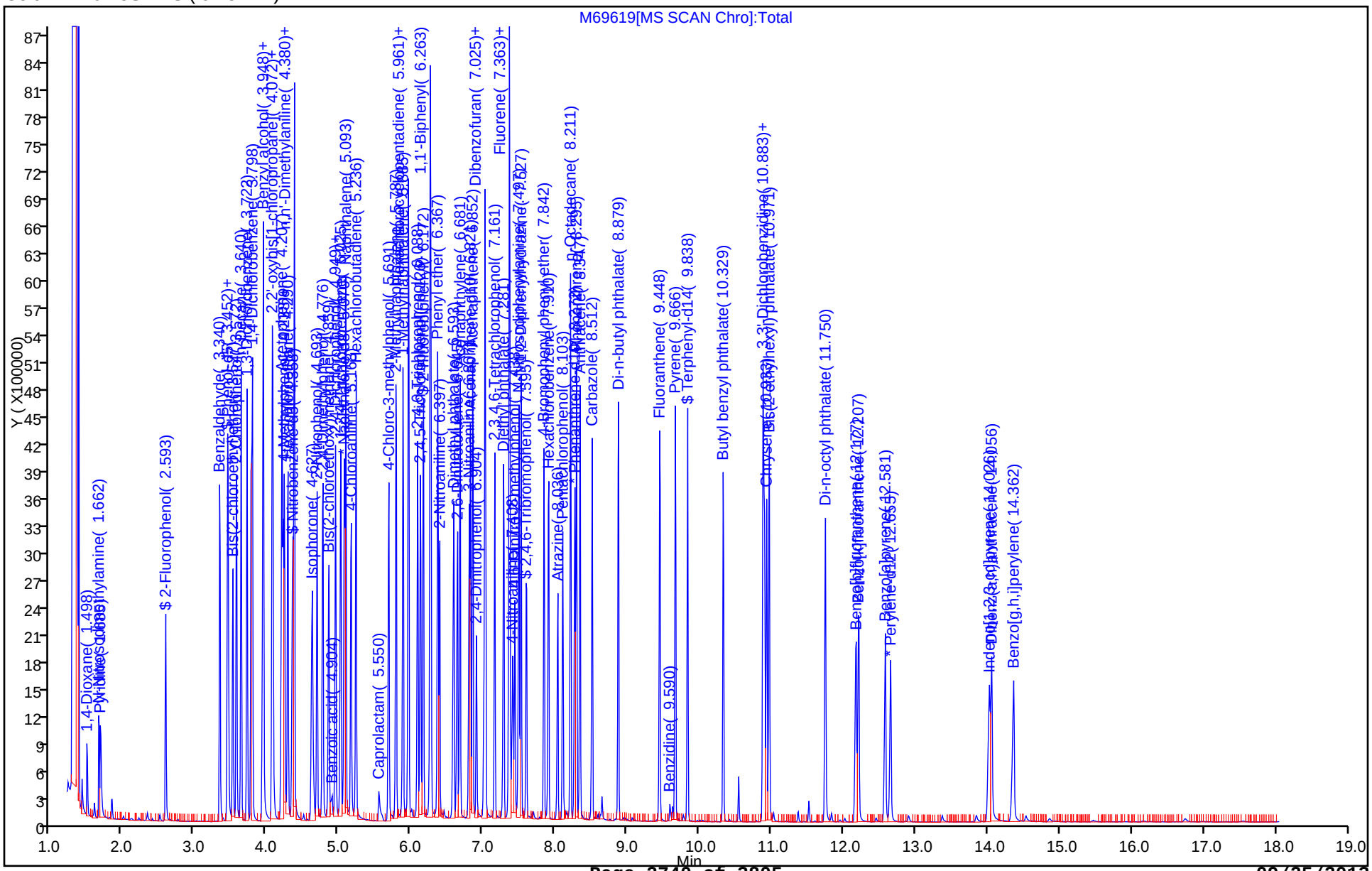
Report Date: 24-Sep-2013 16:54:42 Chrom Revision: 2.1 16-Sep-2013 13:53:52

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS6\20130920-4853.b\M69619.D

Injection Date:	20-Sep-2013 16:15:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	LCSD 460-181657/3-A	Lab Sample ID:		Worklist Smp#:	6
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270LVI_6	Limit Group:	SV 8270 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

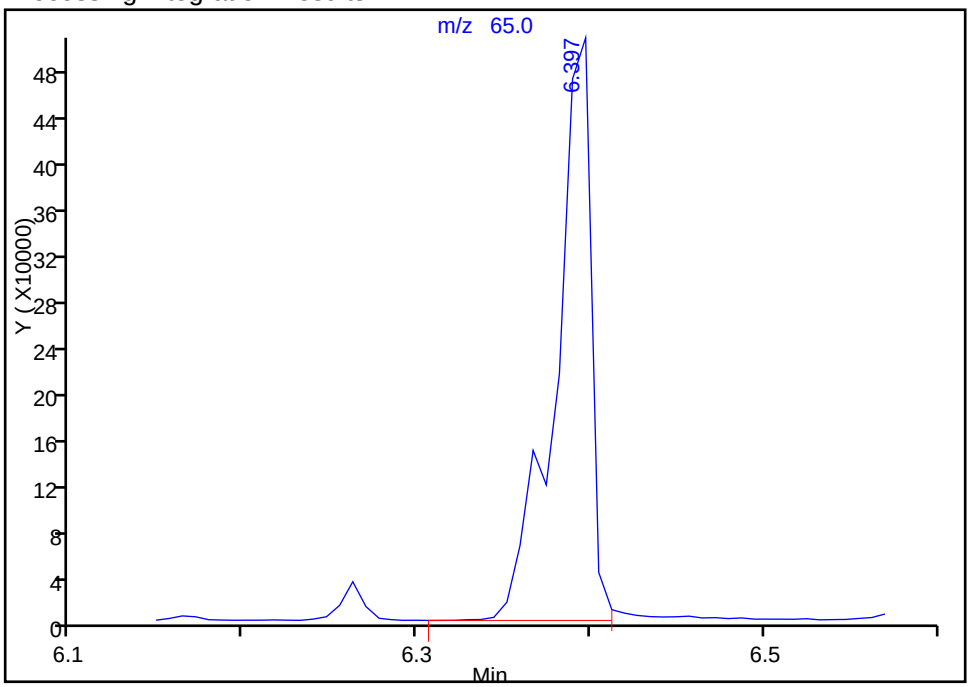
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAMS6\20130920-4853.b\M69619.D				
Injection Date:	20-Sep-2013 16:15:30	Instrument ID:	CBNAMS6		
Lims ID:	LCSD 460-181657/3-A	Lab Sample ID:			
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_6	Limit Group:	SV 8270 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

54 2-Nitroaniline, CAS: 88-74-4, Signal: 1, m/z: 65.0

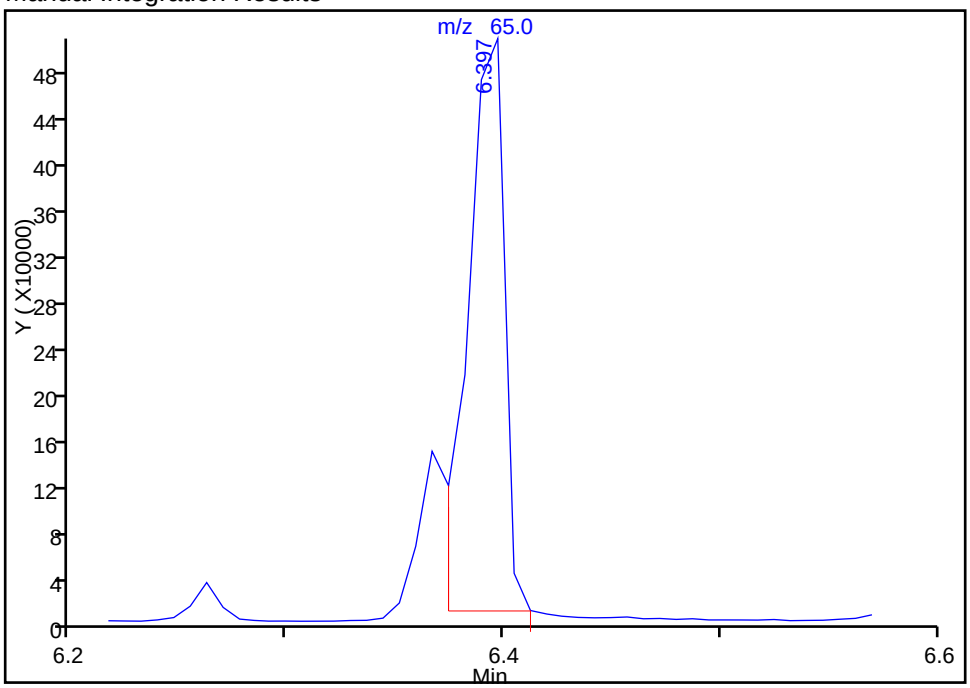
Processing Integration Results

RT: 6.40
Response: 719110
Amount: 8.769722



Manual Integration Results

RT: 6.40
Response: 590196
Amount: 7.197584



Reviewer: croccom, 23-Sep-2013 11:27:35
Audit Action: Manually Integrated
Audit Reason: Shouldering

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD MS | Lab Sample ID: 460-62968-1 MS

Matrix: Solid | Lab File ID: U91023.D

Analysis Method: 8270C | Date Collected: 09/12/2013 08:45

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 19:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3010		340	46
95-57-8	2-Chlorophenol	3120		340	45
95-48-7	2-Methylphenol	3110		340	58
106-44-5	4-Methylphenol	3080		340	68
100-52-7	Benzaldehyde	1050		340	40
98-86-2	Acetophenone	2230		340	53
111-44-4	Bis(2-chloroethyl)ether	2590		34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	2860		340	38
621-64-7	N-Nitrosodi-n-propylamine	2860		34	5.7
98-95-3	Nitrobenzene	2240		34	4.9
67-72-1	Hexachloroethane	2430		34	3.8
78-59-1	Isophorone	3190		340	42
88-75-5	2-Nitrophenol	3150		340	38
105-67-9	2,4-Dimethylphenol	3180		340	85
120-83-2	2,4-Dichlorophenol	3330		340	50
111-91-1	Bis(2-chloroethoxy)methane	3220		340	44
91-20-3	Naphthalene	3090		340	40
106-47-8	4-Chloroaniline	1790		340	91
87-68-3	Hexachlorobutadiene	2870		69	8.4
105-60-2	Caprolactam	1520		340	79
59-50-7	4-Chloro-3-methylphenol	3050		340	52
91-57-6	2-Methylnaphthalene	3010		340	44
118-74-1	Hexachlorobenzene	3150		34	4.7
77-47-4	Hexachlorocyclopentadiene	3180		340	40
88-06-2	2,4,6-Trichlorophenol	3320		340	40
95-95-4	2,4,5-Trichlorophenol	3360		340	44
92-52-4	Diphenyl	3800		340	46
91-58-7	2-Chloronaphthalene	3450		340	38
88-74-4	2-Nitroaniline	3440		690	140
606-20-2	2,6-Dinitrotoluene	3610		69	10
131-11-3	Dimethyl phthalate	3460		340	41
208-96-8	Acenaphthylene	3330		340	41
99-09-2	3-Nitroaniline	2510		690	120
83-32-9	Acenaphthene	2590		340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD MS | Lab Sample ID: 460-62968-1 MS

Matrix: Solid | Lab File ID: U91023.D

Analysis Method: 8270C | Date Collected: 09/12/2013 08:45

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 19:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	7100		1000	220
51-28-5	2,4-Dinitrophenol	1140		1000	190
132-64-9	Dibenzofuran	3400		340	40
84-66-2	Diethyl phthalate	3290		340	41
86-73-7	Fluorene	3070		340	44
206-44-0	Fluoranthene	2990		340	46
84-74-2	Di-n-butyl phthalate	3340		340	42
121-14-2	2,4-Dinitrotoluene	3340		69	11
7005-72-3	4-Chlorophenyl phenyl ether	3230		340	40
100-01-6	4-Nitroaniline	2620		690	110
534-52-1	4,6-Dinitro-2-methylphenol	2630		1000	93
101-55-3	4-Bromophenyl phenyl ether	3350		340	34
1912-24-9	Atrazine	2820		340	53
120-12-7	Anthracene	3300		340	42
86-74-8	Carbazole	3340		340	41
85-01-8	Phenanthrene	3330		340	44
87-86-5	Pentachlorophenol	5210		1000	100
129-00-0	Pyrene	2650		340	29
218-01-9	Chrysene	3180		340	40
207-08-9	Benzo[k]fluoranthene	3310		34	2.6
191-24-2	Benzo[g,h,i]perylene	4100		340	25
205-99-2	Benzo[b]fluoranthene	3170		34	2.2
50-32-8	Benzo[a]pyrene	3560		34	2.4
56-55-3	Benzo[a]anthracene	3190		34	2.4
86-30-6	N-Nitrosodiphenylamine	3900		340	34
85-68-7	Butyl benzyl phthalate	3080		340	31
117-81-7	Bis(2-ethylhexyl) phthalate	3130		340	110
117-84-0	Di-n-octyl phthalate	2720		340	22
193-39-5	Indeno[1,2,3-cd]pyrene	4520		34	6.4
53-70-3	Dibenz(a,h)anthracene	3840		34	4.3
91-94-1	3,3'-Dichlorobenzidine	2170		690	120
95-94-3	1,2,4,5-Tetrachlorobenzene	3300		340	46
58-90-2	2,3,4,6-Tetrachlorophenol	2960		340	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD MS Lab Sample ID: 460-62968-1 MS

Matrix: Solid Lab File ID: U91023.D

Analysis Method: 8270C Date Collected: 09/12/2013 08:45

Extract. Method: 3541 Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 19:06

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182194 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	73		10-120
4165-62-2	Phenol-d5	75		41-118
367-12-4	2-Fluorophenol	79		37-125
4165-60-0	Nitrobenzene-d5	72		38-105
321-60-8	2-Fluorobiphenyl	82		40-109
1718-51-0	Terphenyl-d14	65		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VD MS | Lab Sample ID: 460-62968-35 MS

Matrix: Solid | Lab File ID: z2345.d

Analysis Method: 8270C | Date Collected: 09/12/2013 16:20

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 19:43

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.: 182252 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3170		340	46
95-57-8	2-Chlorophenol	3150		340	45
95-48-7	2-Methylphenol	3200		340	58
106-44-5	4-Methylphenol	3030		340	67
100-52-7	Benzaldehyde	1220		340	40
98-86-2	Acetophenone	2760		340	53
111-44-4	Bis(2-chloroethyl)ether	2970		34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	2990		340	38
621-64-7	N-Nitrosodi-n-propylamine	3370		34	5.7
98-95-3	Nitrobenzene	2220		34	4.9
67-72-1	Hexachloroethane	2740		34	3.8
78-59-1	Isophorone	3380		340	41
88-75-5	2-Nitrophenol	3300		340	38
105-67-9	2,4-Dimethylphenol	3170		340	84
120-83-2	2,4-Dichlorophenol	3390		340	50
111-91-1	Bis(2-chloroethoxy)methane	3350		340	44
91-20-3	Naphthalene	3180		340	40
106-47-8	4-Chloroaniline	1890		340	91
87-68-3	Hexachlorobutadiene	3080		69	8.3
105-60-2	Caprolactam	4060		340	79
59-50-7	4-Chloro-3-methylphenol	3490		340	52
91-57-6	2-Methylnaphthalene	3460		340	44
118-74-1	Hexachlorobenzene	3260		34	4.7
77-47-4	Hexachlorocyclopentadiene	2880		340	40
88-06-2	2,4,6-Trichlorophenol	3260		340	40
95-95-4	2,4,5-Trichlorophenol	3320		340	44
92-52-4	Diphenyl	3240		340	46
91-58-7	2-Chloronaphthalene	3180		340	38
88-74-4	2-Nitroaniline	2860		690	140
606-20-2	2,6-Dinitrotoluene	3820		69	10
131-11-3	Dimethyl phthalate	3590		340	41
208-96-8	Acenaphthylene	3280		340	40
99-09-2	3-Nitroaniline	3060		690	120
83-32-9	Acenaphthene	3160		340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VD MS | Lab Sample ID: 460-62968-35 MS

Matrix: Solid | Lab File ID: z2345.d

Analysis Method: 8270C | Date Collected: 09/12/2013 16:20

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.02(g) | Date Analyzed: 09/19/2013 19:43

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.: 182252 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6600		1000	220
51-28-5	2,4-Dinitrophenol	1480		1000	190
132-64-9	Dibenzofuran	3360		340	40
84-66-2	Diethyl phthalate	3640		340	41
86-73-7	Fluorene	3360		340	44
206-44-0	Fluoranthene	3470		340	46
84-74-2	Di-n-butyl phthalate	3710		340	42
121-14-2	2,4-Dinitrotoluene	3750		69	11
7005-72-3	4-Chlorophenyl phenyl ether	3320		340	40
100-01-6	4-Nitroaniline	3260		690	110
534-52-1	4,6-Dinitro-2-methylphenol	2780		1000	93
101-55-3	4-Bromophenyl phenyl ether	3390		340	34
1912-24-9	Atrazine	3270		340	53
120-12-7	Anthracene	3300		340	42
86-74-8	Carbazole	3790		340	40
85-01-8	Phenanthrene	3330		340	44
87-86-5	Pentachlorophenol	4170		1000	100
129-00-0	Pyrene	3120		340	29
218-01-9	Chrysene	3320		340	40
207-08-9	Benzo[k]fluoranthene	3500		34	2.6
191-24-2	Benzo[g,h,i]perylene	4600		340	25
205-99-2	Benzo[b]fluoranthene	3440		34	2.2
50-32-8	Benzo[a]pyrene	3780		34	2.4
56-55-3	Benzo[a]anthracene	3290		34	2.4
86-30-6	N-Nitrosodiphenylamine	3560		340	34
85-68-7	Butyl benzyl phthalate	3700		340	31
117-81-7	Bis(2-ethylhexyl) phthalate	3650		340	110
117-84-0	Di-n-octyl phthalate	3150		340	22
193-39-5	Indeno[1,2,3-cd]pyrene	4310		34	6.4
53-70-3	Dibenz(a,h)anthracene	3920		34	4.3
91-94-1	3,3'-Dichlorobenzidine	3050		690	120
95-94-3	1,2,4,5-Tetrachlorobenzene	3020		340	46
58-90-2	2,3,4,6-Tetrachlorophenol	3180		340	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VD MS Lab Sample ID: 460-62968-35 MS

Matrix: Solid Lab File ID: z2345.d

Analysis Method: 8270C Date Collected: 09/12/2013 16:20

Extract. Method: 3541 Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 19:43

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.: 182252 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	81		10-120
4165-62-2	Phenol-d5	75		41-118
367-12-4	2-Fluorophenol	71		37-125
4165-60-0	Nitrobenzene-d5	74		38-105
321-60-8	2-Fluorobiphenyl	75		40-109
1718-51-0	Terphenyl-d14	77		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-63019-A-6-C MS

Matrix: Solid | Lab File ID: z3122.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.04(g) | Date Analyzed: 09/16/2013 03:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 41.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5170		570	76
95-57-8	2-Chlorophenol	5400		570	75
95-48-7	2-Methylphenol	5680		570	97
106-44-5	4-Methylphenol	5800		570	110
100-52-7	Benzaldehyde	1020		570	67
98-86-2	Acetophenone	4950		570	87
111-44-4	Bis(2-chloroethyl)ether	5620		57	7.7
108-60-1	2,2'-oxybis[1-chloropropane]	5070		570	63
621-64-7	N-Nitrosodi-n-propylamine	5940		57	9.5
98-95-3	Nitrobenzene	3700		57	8.0
67-72-1	Hexachloroethane	4970		57	6.3
78-59-1	Isophorone	5680		570	69
88-75-5	2-Nitrophenol	5120		570	63
105-67-9	2,4-Dimethylphenol	5380		570	140
120-83-2	2,4-Dichlorophenol	5230		570	83
111-91-1	Bis(2-chloroethoxy)methane	5670		570	73
91-20-3	Naphthalene	5310		570	66
106-47-8	4-Chloroaniline	4210		570	150
87-68-3	Hexachlorobutadiene	5450		110	14
105-60-2	Caprolactam	3980		570	130
59-50-7	4-Chloro-3-methylphenol	5670		570	85
91-57-6	2-Methylnaphthalene	5830		570	73
118-74-1	Hexachlorobenzene	6510		57	7.7
77-47-4	Hexachlorocyclopentadiene	4690		570	67
88-06-2	2,4,6-Trichlorophenol	5090		570	66
95-95-4	2,4,5-Trichlorophenol	5130		570	73
92-52-4	Diphenyl	5630		570	76
91-58-7	2-Chloronaphthalene	5490		570	63
88-74-4	2-Nitroaniline	5450		1100	240
606-20-2	2,6-Dinitrotoluene	5970		110	17
131-11-3	Dimethyl phthalate	5730		570	67
208-96-8	Acenaphthylene	5430		570	67
99-09-2	3-Nitroaniline	4920		1100	200
83-32-9	Acenaphthene	5650		570	83

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-63019-A-6-C MS

Matrix: Solid | Lab File ID: z3122.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.04(g) | Date Analyzed: 09/16/2013 03:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 41.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	8430		1700	360
51-28-5	2,4-Dinitrophenol	3080		1700	320
132-64-9	Dibenzofuran	5570		570	66
84-66-2	Diethyl phthalate	5470		570	67
86-73-7	Fluorene	5460		570	72
206-44-0	Fluoranthene	5100		570	76
84-74-2	Di-n-butyl phthalate	5630		570	70
121-14-2	2,4-Dinitrotoluene	5810		110	19
7005-72-3	4-Chlorophenyl phenyl ether	5690		570	66
100-01-6	4-Nitroaniline	4000		1100	180
534-52-1	4,6-Dinitro-2-methylphenol	6440		1700	150
101-55-3	4-Bromophenyl phenyl ether	6500		570	56
1912-24-9	Atrazine	5700		570	88
120-12-7	Anthracene	5770		570	69
86-74-8	Carbazole	5620		570	67
85-01-8	Phenanthrene	5830		570	72
87-86-5	Pentachlorophenol	6560		1700	170
129-00-0	Pyrene	5980		570	47
218-01-9	Chrysene	6400		570	66
207-08-9	Benzo[k]fluoranthene	7220		57	4.3
191-24-2	Benzo[g,h,i]perylene	8160		570	42
205-99-2	Benzo[b]fluoranthene	5760		57	3.6
50-32-8	Benzo[a]pyrene	6930		57	4.0
56-55-3	Benzo[a]anthracene	5530		57	4.0
86-30-6	N-Nitrosodiphenylamine	6560		570	56
85-68-7	Butyl benzyl phthalate	5850		570	52
117-81-7	Bis(2-ethylhexyl) phthalate	5720		570	190
117-84-0	Di-n-octyl phthalate	5180		570	36
193-39-5	Indeno[1,2,3-cd]pyrene	7520		57	11
53-70-3	Dibenz(a,h)anthracene	7770		57	7.1
91-94-1	3,3'-Dichlorobenzidine	5510		1100	200
95-94-3	1,2,4,5-Tetrachlorobenzene	5540		570	76
58-90-2	2,3,4,6-Tetrachlorophenol	4710		570	74

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-63019-A-6-C MS

Matrix: Solid Lab File ID: z3122.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3541 Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.04(g) Date Analyzed: 09/16/2013 03:54

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 41.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	82		10-120
4165-62-2	Phenol-d5	87		41-118
367-12-4	2-Fluorophenol	81		37-125
4165-60-0	Nitrobenzene-d5	88		38-105
321-60-8	2-Fluorobiphenyl	92		40-109
1718-51-0	Terphenyl-d14	97		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD MSD | Lab Sample ID: 460-62968-1 MSD

Matrix: Solid | Lab File ID: U91024.D

Analysis Method: 8270C | Date Collected: 09/12/2013 08:45

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.04(g) | Date Analyzed: 09/19/2013 19:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3640		340	46
95-57-8	2-Chlorophenol	3500		340	45
95-48-7	2-Methylphenol	3550		340	58
106-44-5	4-Methylphenol	3500		340	67
100-52-7	Benzaldehyde	1120		340	40
98-86-2	Acetophenone	2560		340	53
111-44-4	Bis(2-chloroethyl)ether	2980		34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	3190		340	38
621-64-7	N-Nitrosodi-n-propylamine	3340		34	5.7
98-95-3	Nitrobenzene	2230		34	4.9
67-72-1	Hexachloroethane	2730		34	3.8
78-59-1	Isophorone	3190		340	42
88-75-5	2-Nitrophenol	3070		340	38
105-67-9	2,4-Dimethylphenol	3200		340	85
120-83-2	2,4-Dichlorophenol	3400		340	50
111-91-1	Bis(2-chloroethoxy)methane	3320		340	44
91-20-3	Naphthalene	2810		340	40
106-47-8	4-Chloroaniline	1620		340	91
87-68-3	Hexachlorobutadiene	2920		69	8.4
105-60-2	Caprolactam	1550		340	79
59-50-7	4-Chloro-3-methylphenol	3100		340	52
91-57-6	2-Methylnaphthalene	2950		340	44
118-74-1	Hexachlorobenzene	3090		34	4.7
77-47-4	Hexachlorocyclopentadiene	2950		340	40
88-06-2	2,4,6-Trichlorophenol	3530		340	40
95-95-4	2,4,5-Trichlorophenol	3370		340	44
92-52-4	Diphenyl	3740		340	46
91-58-7	2-Chloronaphthalene	3430		340	38
88-74-4	2-Nitroaniline	3580		690	140
606-20-2	2,6-Dinitrotoluene	3720		69	10
131-11-3	Dimethyl phthalate	3600		340	41
208-96-8	Acenaphthylene	3300		340	40
99-09-2	3-Nitroaniline	2820		690	120
83-32-9	Acenaphthene	2550		340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD MSD | Lab Sample ID: 460-62968-1 MSD

Matrix: Solid | Lab File ID: U91024.D

Analysis Method: 8270C | Date Collected: 09/12/2013 08:45

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.04(g) | Date Analyzed: 09/19/2013 19:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 182194 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	7240		1000	220
51-28-5	2,4-Dinitrophenol	971	J	1000	190
132-64-9	Dibenzofuran	3350		340	40
84-66-2	Diethyl phthalate	3390		340	41
86-73-7	Fluorene	3130		340	44
206-44-0	Fluoranthene	3140		340	46
84-74-2	Di-n-butyl phthalate	3470		340	42
121-14-2	2,4-Dinitrotoluene	3390		69	11
7005-72-3	4-Chlorophenyl phenyl ether	3250		340	40
100-01-6	4-Nitroaniline	2750		690	110
534-52-1	4,6-Dinitro-2-methylphenol	2120		1000	93
101-55-3	4-Bromophenyl phenyl ether	3400		340	34
1912-24-9	Atrazine	2780		340	53
120-12-7	Anthracene	3290		340	42
86-74-8	Carbazole	3400		340	40
85-01-8	Phenanthrene	3390		340	44
87-86-5	Pentachlorophenol	4870		1000	100
129-00-0	Pyrene	2780		340	29
218-01-9	Chrysene	3340		340	40
207-08-9	Benzo[k]fluoranthene	3130		34	2.6
191-24-2	Benzo[g,h,i]perylene	4260		340	25
205-99-2	Benzo[b]fluoranthene	3490		34	2.2
50-32-8	Benzo[a]pyrene	3700		34	2.4
56-55-3	Benzo[a]anthracene	3270		34	2.4
86-30-6	N-Nitrosodiphenylamine	3820		340	34
85-68-7	Butyl benzyl phthalate	3290		340	31
117-81-7	Bis(2-ethylhexyl) phthalate	3460		340	110
117-84-0	Di-n-octyl phthalate	2840		340	22
193-39-5	Indeno[1,2,3-cd]pyrene	4720		34	6.4
53-70-3	Dibenz(a,h)anthracene	4100		34	4.3
91-94-1	3,3'-Dichlorobenzidine	2230		690	120
95-94-3	1,2,4,5-Tetrachlorobenzene	3380		340	46
58-90-2	2,3,4,6-Tetrachlorophenol	3090		340	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD MSD Lab Sample ID: 460-62968-1 MSD

Matrix: Solid Lab File ID: U91024.D

Analysis Method: 8270C Date Collected: 09/12/2013 08:45

Extract. Method: 3541 Date Extracted: 09/16/2013 09:07

Sample wt/vol: 15.04(g) Date Analyzed: 09/19/2013 19:34

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182194 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	73		10-120
4165-62-2	Phenol-d5	85		41-118
367-12-4	2-Fluorophenol	86		37-125
4165-60-0	Nitrobenzene-d5	70		38-105
321-60-8	2-Fluorobiphenyl	81		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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VD MSD | Lab Sample ID: 460-62968-35 MSD

Matrix: Solid | Lab File ID: z2346.d

Analysis Method: 8270C | Date Collected: 09/12/2013 16:20

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.04(g) | Date Analyzed: 09/19/2013 20:07

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.: 182252 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3190		340	46
95-57-8	2-Chlorophenol	3190		340	45
95-48-7	2-Methylphenol	3270		340	58
106-44-5	4-Methylphenol	3040		340	67
100-52-7	Benzaldehyde	1190		340	40
98-86-2	Acetophenone	2810		340	52
111-44-4	Bis(2-chloroethyl)ether	3020		34	4.7
108-60-1	2,2'-oxybis[1-chloropropane]	2990		340	38
621-64-7	N-Nitrosodi-n-propylamine	3420		34	5.7
98-95-3	Nitrobenzene	2240		34	4.9
67-72-1	Hexachloroethane	2840		34	3.8
78-59-1	Isophorone	3350		340	41
88-75-5	2-Nitrophenol	3280		340	38
105-67-9	2,4-Dimethylphenol	3200		340	84
120-83-2	2,4-Dichlorophenol	3380		340	50
111-91-1	Bis(2-chloroethoxy)methane	3350		340	44
91-20-3	Naphthalene	3210		340	40
106-47-8	4-Chloroaniline	1900		340	90
87-68-3	Hexachlorobutadiene	3110		69	8.3
105-60-2	Caprolactam	4040		340	79
59-50-7	4-Chloro-3-methylphenol	3490		340	52
91-57-6	2-Methylnaphthalene	3440		340	44
118-74-1	Hexachlorobenzene	3330		34	4.7
77-47-4	Hexachlorocyclopentadiene	2910		340	40
88-06-2	2,4,6-Trichlorophenol	3270		340	40
95-95-4	2,4,5-Trichlorophenol	3360		340	44
92-52-4	Diphenyl	3250		340	46
91-58-7	2-Chloronaphthalene	3170		340	38
88-74-4	2-Nitroaniline	2890		690	140
606-20-2	2,6-Dinitrotoluene	3830		69	10
131-11-3	Dimethyl phthalate	3590		340	40
208-96-8	Acenaphthylene	3320		340	40
99-09-2	3-Nitroaniline	3130		690	120
83-32-9	Acenaphthene	3150		340	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VD MSD | Lab Sample ID: 460-62968-35 MSD

Matrix: Solid | Lab File ID: z2346.d

Analysis Method: 8270C | Date Collected: 09/12/2013 16:20

Extract. Method: 3541 | Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.04(g) | Date Analyzed: 09/19/2013 20:07

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.: 182252 | 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	1040		1000	190
132-64-9	Dibenzofuran	3330		340	40
84-66-2	Diethyl phthalate	3620		340	41
86-73-7	Fluorene	3360		340	44
206-44-0	Fluoranthene	3540		340	46
84-74-2	Di-n-butyl phthalate	3710		340	42
121-14-2	2,4-Dinitrotoluene	3750		69	11
7005-72-3	4-Chlorophenyl phenyl ether	3340		340	40
100-01-6	4-Nitroaniline	3200		690	110
534-52-1	4,6-Dinitro-2-methylphenol	2030		1000	93
101-55-3	4-Bromophenyl phenyl ether	3390		340	34
1912-24-9	Atrazine	3250		340	53
120-12-7	Anthracene	3360		340	42
86-74-8	Carbazole	3820		340	40
85-01-8	Phenanthrene	3350		340	43
87-86-5	Pentachlorophenol	3960		1000	100
129-00-0	Pyrene	3160		340	29
218-01-9	Chrysene	3300		340	40
207-08-9	Benzo[k]fluoranthene	3470		34	2.6
191-24-2	Benzo[g,h,i]perylene	4520		340	25
205-99-2	Benzo[b]fluoranthene	3450		34	2.2
50-32-8	Benzo[a]pyrene	3610		34	2.4
56-55-3	Benzo[a]anthracene	3290		34	2.4
86-30-6	N-Nitrosodiphenylamine	3590		340	34
85-68-7	Butyl benzyl phthalate	3680		340	31
117-81-7	Bis(2-ethylhexyl) phthalate	3680		340	110
117-84-0	Di-n-octyl phthalate	3180		340	22
193-39-5	Indeno[1,2,3-cd]pyrene	4340		34	6.4
53-70-3	Dibenz(a,h)anthracene	4020		34	4.3
91-94-1	3,3'-Dichlorobenzidine	3210		690	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2990		340	46
58-90-2	2,3,4,6-Tetrachlorophenol	3170		340	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VD MSD Lab Sample ID: 460-62968-35 MSD

Matrix: Solid Lab File ID: z2346.d

Analysis Method: 8270C Date Collected: 09/12/2013 16:20

Extract. Method: 3541 Date Extracted: 09/16/2013 09:13

Sample wt/vol: 15.04(g) Date Analyzed: 09/19/2013 20:07

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.: 182252 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	77		10-120
4165-62-2	Phenol-d5	75		41-118
367-12-4	2-Fluorophenol	71		37-125
4165-60-0	Nitrobenzene-d5	73		38-105
321-60-8	2-Fluorobiphenyl	74		40-109
1718-51-0	Terphenyl-d14	78		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-63019-A-6-D MSD

Matrix: Solid | Lab File ID: z3123.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.01(g) | Date Analyzed: 09/16/2013 04:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 41.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5170		570	76
95-57-8	2-Chlorophenol	5220		570	75
95-48-7	2-Methylphenol	5640		570	97
106-44-5	4-Methylphenol	5740		570	110
100-52-7	Benzaldehyde	1020		570	67
98-86-2	Acetophenone	4910		570	87
111-44-4	Bis(2-chloroethyl)ether	5510		57	7.7
108-60-1	2,2'-oxybis[1-chloropropane]	4950		570	63
621-64-7	N-Nitrosodi-n-propylamine	5830		57	9.5
98-95-3	Nitrobenzene	3660		57	8.1
67-72-1	Hexachloroethane	4930		57	6.3
78-59-1	Isophorone	5650		570	69
88-75-5	2-Nitrophenol	5110		570	63
105-67-9	2,4-Dimethylphenol	5400		570	140
120-83-2	2,4-Dichlorophenol	5250		570	83
111-91-1	Bis(2-chloroethoxy)methane	5680		570	73
91-20-3	Naphthalene	5310		570	66
106-47-8	4-Chloroaniline	4170		570	150
87-68-3	Hexachlorobutadiene	5380		110	14
105-60-2	Caprolactam	3970		570	130
59-50-7	4-Chloro-3-methylphenol	5700		570	86
91-57-6	2-Methylnaphthalene	5810		570	73
118-74-1	Hexachlorobenzene	6220		57	7.8
77-47-4	Hexachlorocyclopentadiene	4620		570	67
88-06-2	2,4,6-Trichlorophenol	4940		570	66
95-95-4	2,4,5-Trichlorophenol	5030		570	73
92-52-4	Diphenyl	5540		570	76
91-58-7	2-Chloronaphthalene	5430		570	63
88-74-4	2-Nitroaniline	5400		1100	240
606-20-2	2,6-Dinitrotoluene	5880		110	17
131-11-3	Dimethyl phthalate	5660		570	67
208-96-8	Acenaphthylene	5330		570	67
99-09-2	3-Nitroaniline	4800		1100	200
83-32-9	Acenaphthene	5460		570	83

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-63019-A-6-D MSD

Matrix: Solid | Lab File ID: z3123.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.01(g) | Date Analyzed: 09/16/2013 04:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 41.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	8190		1700	370
51-28-5	2,4-Dinitrophenol	2780		1700	320
132-64-9	Dibenzofuran	5400		570	67
84-66-2	Diethyl phthalate	5390		570	68
86-73-7	Fluorene	5350		570	73
206-44-0	Fluoranthene	4910		570	76
84-74-2	Di-n-butyl phthalate	5550		570	70
121-14-2	2,4-Dinitrotoluene	5620		110	19
7005-72-3	4-Chlorophenyl phenyl ether	5550		570	67
100-01-6	4-Nitroaniline	3890		1100	180
534-52-1	4,6-Dinitro-2-methylphenol	5730		1700	150
101-55-3	4-Bromophenyl phenyl ether	6280		570	56
1912-24-9	Atrazine	5500		570	88
120-12-7	Anthracene	5590		570	69
86-74-8	Carbazole	5550		570	67
85-01-8	Phenanthrene	5810		570	72
87-86-5	Pentachlorophenol	6140		1700	170
129-00-0	Pyrene	5790		570	48
218-01-9	Chrysene	6100		570	66
207-08-9	Benzo[k]fluoranthene	6830		57	4.3
191-24-2	Benzo[g,h,i]perylene	7950		570	42
205-99-2	Benzo[b]fluoranthene	5830		57	3.6
50-32-8	Benzo[a]pyrene	6860		57	4.0
56-55-3	Benzo[a]anthracene	5420		57	4.0
86-30-6	N-Nitrosodiphenylamine	6450		570	56
85-68-7	Butyl benzyl phthalate	5670		570	52
117-81-7	Bis(2-ethylhexyl) phthalate	5550		570	190
117-84-0	Di-n-octyl phthalate	4950		570	36
193-39-5	Indeno[1,2,3-cd]pyrene	7070		57	11
53-70-3	Dibenz(a,h)anthracene	7550		57	7.2
91-94-1	3,3'-Dichlorobenzidine	5400		1100	200
95-94-3	1,2,4,5-Tetrachlorobenzene	5400		570	76
58-90-2	2,3,4,6-Tetrachlorophenol	4410		570	74

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-63019-A-6-D MSD

Matrix: Solid | Lab File ID: z3123.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 09/15/2013 16:06

Sample wt/vol: 15.01(g) | Date Analyzed: 09/16/2013 04:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 41.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181524 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	78		10-120
4165-62-2	Phenol-d5	85		41-118
367-12-4	2-Fluorophenol	80		37-125
4165-60-0	Nitrobenzene-d5	88		38-105
321-60-8	2-Fluorobiphenyl	90		40-109
1718-51-0	Terphenyl-d14	92		16-151

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 09/06/2013 15:33

Analysis Batch Number: 180354 End Date: 09/07/2013 02:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-180354/1		09/06/2013 15:33	1	z26648.d	Rtx-5MS 0.25(mm)
ICIS 460-180354/2		09/06/2013 16:15	1	z26650.d	Rtx-5MS 0.25(mm)
IC 460-180354/3		09/06/2013 16:53	1	z26651.d	Rtx-5MS 0.25(mm)
IC 460-180354/4		09/06/2013 17:15	1	z26652.d	Rtx-5MS 0.25(mm)
IC 460-180354/5		09/06/2013 17:37	1	z26653.d	Rtx-5MS 0.25(mm)
IC 460-180354/6		09/06/2013 17:59	1	z26654.d	Rtx-5MS 0.25(mm)
IC 460-180354/7		09/06/2013 18:21	1	z26655.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2013 19:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2013 19:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2013 20:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2013 20:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2013 20:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2013 21:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2013 21:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2013 22:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2013 22:28	5		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2013 22:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2013 23:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2013 23:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/06/2013 23:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2013 00:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2013 00:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2013 01:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2013 01:24	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2013 01:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/07/2013 02:08	5		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 09/15/2013 18:02

Analysis Batch Number: 181524 End Date: 09/16/2013 05:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-181524/1		09/15/2013 18:02	1	z3103.d	Rtx-5MS 0.25(mm)
CCVIS 460-181524/2		09/15/2013 18:18	1	z3104.d	Rtx-5MS 0.25(mm)
LCS 460-181416/2-A		09/15/2013 22:13	1	z3105.d	Rtx-5MS 0.25(mm)
MB 460-181416/1-A		09/15/2013 22:34	1	z3106.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2013 22:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2013 23:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/15/2013 23:35	1		Rtx-5MS 0.25(mm)
460-62968-14	PMP-17SE-VD	09/15/2013 23:55	1	z3110.d	Rtx-5MS 0.25(mm)
460-62968-19	PMP-16SE-SI	09/16/2013 00:15	1	z3111.d	Rtx-5MS 0.25(mm)
460-62968-20	PMP-28SE-VD	09/16/2013 00:35	1	z3112.d	Rtx-5MS 0.25(mm)
460-62968-23	PMP-28SE-SD	09/16/2013 00:55	1	z3113.d	Rtx-5MS 0.25(mm)
460-62968-17	PMP-16SE-VD	09/16/2013 01:15	1	z3114.d	Rtx-5MS 0.25(mm)
460-62968-22	PMP-28SE-SI	09/16/2013 01:35	1	z3115.d	Rtx-5MS 0.25(mm)
460-62968-24	PMP-9SE-VD	09/16/2013 01:55	1	z3116.d	Rtx-5MS 0.25(mm)
460-62968-25	PMP-9SE-WT	09/16/2013 02:15	1	z3117.d	Rtx-5MS 0.25(mm)
460-62968-16	PMP-17SE-SI	09/16/2013 02:35	1	z3118.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2013 02:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2013 03:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2013 03:34	1		Rtx-5MS 0.25(mm)
460-63019-A-6-C MS		09/16/2013 03:54	1	z3122.d	Rtx-5MS 0.25(mm)
460-63019-A-6-D MSD		09/16/2013 04:14	1	z3123.d	Rtx-5MS 0.25(mm)
460-62968-18	PMP-16SE-WT	09/16/2013 04:34	1	z3124.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2013 04:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/16/2013 05:14	1		Rtx-5MS 0.25(mm)
460-62968-15	PMP-17SE-WT	09/16/2013 05:34	1	z3127.d	Rtx-5MS 0.25(mm)
460-62968-21	PMP-28SE-WT	09/16/2013 05:54	1	z3128.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 09/16/2013 23:45

Analysis Batch Number: 181752 End Date: 09/17/2013 11:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-181752/1		09/16/2013 23:45	1	z3164.d	Rtx-5MS 0.25(mm)
CCVIS 460-181752/2		09/17/2013 00:01	1	z3165.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 00:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 01:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 01:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 01:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 02:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 02:32	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 02:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 03:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 03:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 03:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 04:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 04:57	1		Rtx-5MS 0.25(mm)
MB 460-181498/1-A		09/17/2013 05:38	1	z3181.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 06:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 06:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 06:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 07:20	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 07:40	20		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 08:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 08:20	1		Rtx-5MS 0.25(mm)
LCS 460-181498/2-A		09/17/2013 08:41	1	z3190.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 09:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 09:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 09:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 10:02	5		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 10:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 10:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 11:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 11:32	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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.: 460-62968-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 09/19/2013 15:09

Analysis Batch Number: 182252 End Date: 09/20/2013 02:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-182252/1		09/19/2013 15:09	1	z2335.d	Rtx-5MS 0.25(mm)
CCVIS 460-182252/2		09/19/2013 15:32	1	z2336.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 16:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 16:49	500		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 17:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 17:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 18:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 18:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 18:53	1		Rtx-5MS 0.25(mm)
460-62968-35	PMP-22SE-VD	09/19/2013 19:18	1	z2344.d	Rtx-5MS 0.25(mm)
460-62968-35 MS	PMP-22SE-VD MS	09/19/2013 19:43	1	z2345.d	Rtx-5MS 0.25(mm)
460-62968-35 MSD	PMP-22SE-VD MSD	09/19/2013 20:07	1	z2346.d	Rtx-5MS 0.25(mm)
460-62968-36	PMP-22SE-WT	09/19/2013 20:32	1	z2347.d	Rtx-5MS 0.25(mm)
460-62968-38	PMP-23SE-VD	09/19/2013 20:57	1	z2348.d	Rtx-5MS 0.25(mm)
460-62968-39	PMP-23SE-WT	09/19/2013 21:22	1	z2349.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 21:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 22:11	1		Rtx-5MS 0.25(mm)
460-62968-33	PMP-2SE-SI	09/19/2013 23:00	5	z2353.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 23:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 23:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 00:14	1		Rtx-5MS 0.25(mm)
460-62968-34	PMP-22SE-VS	09/20/2013 00:39	1	z2357.d	Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 01:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 01:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 02:18	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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)
ZZZZZ		09/23/2013 11:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/23/2013 12:16	1		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)
460-62968-28	PMP-24SE-VD	09/23/2013 15:37	5	z2502.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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.: 460-62968-1

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)
ZZZZZ		09/20/2013 08:24	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 08:52	5		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 09:20	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 09:49	1		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)
460-62968-31	PMP-2SE-VD	09/20/2013 12:14	5	112742.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 12:42	5		Rtx-5MS 0.25(mm)
460-62968-29 DL	PMP-24SE-WT DL	09/20/2013 13:10	10	112744.D	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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)
460-62968-37	PMP-23SE-VS	09/20/2013 16:33	1	112749.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/20/2013 17:01	1		Rtx-5MS 0.25(mm)
460-62968-32	PMP-2SE-WT	09/20/2013 17:29	10	112751.D	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)
ZZZZZ		09/20/2013 22:11	1		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.: 460-62968-1

SDG No.:

Instrument ID: CBNAMS4 Start Date: 09/18/2013 10:55

Analysis Batch Number: 181966 End Date: 09/18/2013 21:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-181966/1		09/18/2013 10:55	1	U90955.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-181966/2		09/18/2013 11:17	1	U90956.D	Rtxi-5Sil MS 0.25(mm)
IC 460-181966/3		09/18/2013 11:46	1	U90957.D	Rtxi-5Sil MS 0.25(mm)
IC 460-181966/4		09/18/2013 12:09	1	U90958.D	Rtxi-5Sil MS 0.25(mm)
IC 460-181966/5		09/18/2013 12:32	1	U90959.D	Rtxi-5Sil MS 0.25(mm)
IC 460-181966/6		09/18/2013 12:55	1	U90960.D	Rtxi-5Sil MS 0.25(mm)
IC 460-181966/7		09/18/2013 13:18	1	U90961.D	Rtxi-5Sil MS 0.25(mm)
IC 460-181966/8		09/18/2013 13:40	1	U90962.D	Rtxi-5Sil MS 0.25(mm)
IC 460-181966/9		09/18/2013 14:03	1	U90963.D	Rtxi-5Sil MS 0.25(mm)
IC 460-181966/10		09/18/2013 14:26	1	U90964.D	Rtxi-5Sil MS 0.25(mm)
IC 460-181966/11		09/18/2013 14:49	1	U90965.D	Rtxi-5Sil MS 0.25(mm)
IC 460-181966/12		09/18/2013 15:12	1	U90966.D	Rtxi-5Sil MS 0.25(mm)
IC 460-181966/13		09/18/2013 15:35	1	U90967.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 17:12	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 17:35	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 17:58	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 18:22	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 18:44	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 19:07	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 19:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 19:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 20:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 20:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 21:03	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 21:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 21:49	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Instrument ID: CBNAMS4 Start Date: 09/19/2013 01:01

Analysis Batch Number: 182070 End Date: 09/19/2013 11:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-182070/1		09/19/2013 01:01	1	U90985.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-182070/2		09/19/2013 01:20	1	U90986.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-182070/3		09/19/2013 01:44	1	U90987.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 02:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 03:26	1		Rtxi-5Sil MS 0.25(mm)
MB 460-181497/1-A		09/19/2013 03:49	1	U90991.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-181497/2-A		09/19/2013 04:13	1	U90992.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 04:36	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 06:16	1		Rtxi-5Sil MS 0.25(mm)
460-62968-1	PMP-27SE-VD	09/19/2013 06:40	1	U90995.D	Rtxi-5Sil MS 0.25(mm)
460-62968-2	PMP-27SE-WT	09/19/2013 07:03	1	U90996.D	Rtxi-5Sil MS 0.25(mm)
460-62968-3	PMP-27SE-SI	09/19/2013 07:26	1	U90997.D	Rtxi-5Sil MS 0.25(mm)
460-62968-5	PMP-19SE-VD	09/19/2013 07:49	1	U90998.D	Rtxi-5Sil MS 0.25(mm)
460-62968-6	PMP-19SE-WT	09/19/2013 08:12	1	U90999.D	Rtxi-5Sil MS 0.25(mm)
460-62968-7	PMP-19SE-SI	09/19/2013 08:35	1	U91000.D	Rtxi-5Sil MS 0.25(mm)
460-62968-8	PMP-26SE-VD	09/19/2013 08:58	1	U91001.D	Rtxi-5Sil MS 0.25(mm)
460-62968-10	PMP-26SE-SI	09/19/2013 09:21	1	U91002.D	Rtxi-5Sil MS 0.25(mm)
460-62968-11	PMP-18SE-VD	09/19/2013 09:44	1	U91003.D	Rtxi-5Sil MS 0.25(mm)
460-62968-12	PMP-18SE-WT	09/19/2013 10:08	1	U91004.D	Rtxi-5Sil MS 0.25(mm)
460-62968-13	PMP-18SE-SI	09/19/2013 10:30	1	U91005.D	Rtxi-5Sil MS 0.25(mm)
460-62968-26	PMP-9SE-SI	09/19/2013 10:53	1	U91006.D	Rtxi-5Sil MS 0.25(mm)
460-62968-30	PMP-24SE-SI	09/19/2013 11:17	1	U91007.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Instrument ID: CBNAMS4 Start Date: 09/19/2013 14:02

Analysis Batch Number: 182194 End Date: 09/19/2013 19:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-182194/1		09/19/2013 14:02	1	U91012.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-182194/2		09/19/2013 14:26	1	U91013.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-182194/3		09/19/2013 14:56	1	U91014.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 15:57	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 16:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 16:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 17:21	2		Rtxi-5Sil MS 0.25(mm)
460-62968-27	PMP-24SE-VS	09/19/2013 17:57	10	U91020.D	Rtxi-5Sil MS 0.25(mm)
460-62968-4	PMP-27SE-SD	09/19/2013 18:20	5	U91021.D	Rtxi-5Sil MS 0.25(mm)
460-62968-9	PMP-26SE-WT	09/19/2013 18:43	5	U91022.D	Rtxi-5Sil MS 0.25(mm)
460-62968-1 MS	PMP-27SE-VD MS	09/19/2013 19:06	1	U91023.D	Rtxi-5Sil MS 0.25(mm)
460-62968-1 MSD	PMP-27SE-VD MSD	09/19/2013 19:34	1	U91024.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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.: 460-62968-1

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)
MB 460-181657/1-A		09/18/2013 03:26	1	M69499.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/18/2013 04:45	1		Rtxi-5Sil MS 0.25(mm)
460-62968-40	FB-091213	09/18/2013 05:07	1	M69503.D	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)
ZZZZZ		09/18/2013 10:33	1		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.: 460-62968-1

SDG No.:

Instrument ID: CBNAMS6 Start Date: 09/19/2013 04:18

Analysis Batch Number: 182076 End Date: 09/19/2013 15:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-182076/1		09/19/2013 04:18	1	M69557.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-182076/2		09/19/2013 04:43	1	M69558.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 06:24	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 06:47	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 07:31	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 07:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 08:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 08:37	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 08:59	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 09:21	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 09:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 10:05	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 10:27	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 10:49	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 11:11	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 11:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 11:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 12:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 12:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 13:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 13:24	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 13:46	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 14:08	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/19/2013 15:26	1		Rtxi-5Sil MS 0.25(mm)
LCS 460-181657/2-A		09/19/2013 15:48	1	M69582.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Instrument ID: CBNAMS6 Start Date: 09/20/2013 13:48

Analysis Batch Number: 182381 End Date: 09/20/2013 21:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-182381/1		09/20/2013 13:48	1	M69614.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-182381/2		09/20/2013 14:23	1	M69615.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/20/2013 15:05	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/20/2013 15:52	1		Rtxi-5Sil MS 0.25(mm)
LCSD 460-181657/3-A		09/20/2013 16:15	1	M69619.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/20/2013 16:38	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/20/2013 17:01	1		Rtxi-5Sil MS 0.25(mm)
		09/20/2013 17:23	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/20/2013 17:46	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/20/2013 18:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/20/2013 18:31	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/20/2013 18:54	1		Rtxi-5Sil MS 0.25(mm)
		09/20/2013 19:17	1		Rtxi-5Sil MS 0.25(mm)
		09/20/2013 19:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/20/2013 20:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/20/2013 20:25	1		Rtxi-5Sil MS 0.25(mm)
		09/20/2013 20:47	1		Rtxi-5Sil MS 0.25(mm)
		09/20/2013 21:09	10		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/20/2013 21:54	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Batch Number: 181416 Batch Start Date: 09/15/13 16:06 Batch Analyst: Masongo, Charles

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_BNA SPIK 00001	OP8270SoilSUR 00011	
MB 460-181416/1		3541, 8270C		15.00 g	1 mL	121		500 uL	
LCS 460-181416/2		3541, 8270C		15.00 g	1 mL	122	500 uL	500 uL	
460-63019-A-6 MS		3541, 8270C	T	15.04 g	1 mL	123	500 uL	500 uL	
460-63019-A-6 MSD		3541, 8270C	T	15.01 g	1 mL	124	500 uL	500 uL	
460-62968-E-14	PMP-17SE-VD	3541, 8270C	T	15.02 g	1 mL	85		500 uL	
460-62968-E-15	PMP-17SE-WT	3541, 8270C	T	15.02 g	1 mL	86		500 uL	
460-62968-E-16	PMP-17SE-SI	3541, 8270C	T	15.03 g	1 mL	87		500 uL	
460-62968-E-17	PMP-16SE-VD	3541, 8270C	T	15.01 g	1 mL	88		500 uL	
460-62968-E-18	PMP-16SE-WT	3541, 8270C	T	15.00 g	1 mL	89		500 uL	
460-62968-E-19	PMP-16SE-SI	3541, 8270C	T	15.04 g	1 mL	90		500 uL	
460-62968-E-20	PMP-28SE-VD	3541, 8270C	T	15.01 g	1 mL	79		500 uL	
460-62968-E-21	PMP-28SE-WT	3541, 8270C	T	15.02 g	1 mL	80		500 uL	
460-62968-E-22	PMP-28SE-SI	3541, 8270C	T	14.99 g	1 mL	81		500 uL	
460-62968-E-23	PMP-28SE-SD	3541, 8270C	T	15.02 g	1 mL	82		500 uL	
460-62968-E-24	PMP-9SE-VD	3541, 8270C	T	15.03 g	1 mL	83		500 uL	
460-62968-E-25	PMP-9SE-WT	3541, 8270C	T	14.98 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.: 460-62968-1

SDG No.:

Batch Number: 181416 Batch Start Date: 09/15/13 16:06 Batch Analyst: Masongo, Charles

Batch Method: 3541 Batch End Date:

Batch Notes	
Balance ID	28
Batch Comment	BNA 8270C SOIL
Concentration End Time	1600
Concentration Start Time	1530
Person's name who did the concentration	CM
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	CM
Solvent	MeCl2/Acetone blend
SOP Number	3541
Soxtherm Temperature	150 deg. C
First Start time	1400
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.: 460-62968-1

SDG No.:

Batch Number: 181497 Batch Start Date: 09/16/13 09:07 Batch Analyst: Patel, Harsh

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_BNA SPIK 00001	OP8270SoilSUR 00011	
MB 460-181497/1		3541, 8270C		15.00 g	1 mL	85		500 uL	
LCS 460-181497/2		3541, 8270C		15.00 g	1 mL	86	500 uL	500 uL	
460-62968-E-1 MS	PMP-27SE-VD	3541, 8270C	T	15.02 g	1 mL	87	500 uL	500 uL	
460-62968-E-1 MSD	PMP-27SE-VD	3541, 8270C	T	15.04 g	1 mL	88	500 uL	500 uL	
460-62968-E-1	PMP-27SE-VD	3541, 8270C	T	15.03 g	1 mL	90		500 uL	
460-62968-E-2	PMP-27SE-WT	3541, 8270C	T	15.02 g	1 mL	121		500 uL	
460-62968-E-3	PMP-27SE-SI	3541, 8270C	T	15.00 g	1 mL	122		500 uL	
460-62968-E-4	PMP-27SE-SD	3541, 8270C	T	15.01 g	1 mL	123		500 uL	
460-62968-E-5	PMP-19SE-VD	3541, 8270C	T	15.02 g	1 mL	124		500 uL	
460-62968-E-6	PMP-19SE-WT	3541, 8270C	T	15.00 g	1 mL	125		500 uL	
460-62968-E-7	PMP-19SE-SI	3541, 8270C	T	15.01 g	1 mL	126		500 uL	
460-62968-E-8	PMP-26SE-VD	3541, 8270C	T	15.02 g	1 mL	97		500 uL	
460-62968-E-9	PMP-26SE-WT	3541, 8270C	T	15.04 g	1 mL	98		500 uL	
460-62968-E-10	PMP-26SE-SI	3541, 8270C	T	15.02 g	1 mL	99		500 uL	
460-62968-E-11	PMP-18SE-VD	3541, 8270C	T	15.00 g	1 mL	100		500 uL	
460-62968-E-12	PMP-18SE-WT	3541, 8270C	T	15.01 g	1 mL	101		500 uL	
460-62968-E-13	PMP-18SE-SI	3541, 8270C	T	15.01 g	1 mL	102		500 uL	
460-62968-E-26	PMP-9SE-SI	3541, 8270C	T	15.04 g	1 mL	115		500 uL	
460-62968-E-27	PMP-24SE-VS	3541, 8270C	T	15.02 g	1 mL	116		500 uL	
460-62968-E-28	PMP-24SE-VD	3541, 8270C	T	15.04 g	1 mL	117		500 uL	
460-62968-E-29	PMP-24SE-WT	3541, 8270C	T	15.02 g	1 mL	118		500 uL	
460-62968-E-30	PMP-24SE-SI	3541, 8270C	T	15.02 g	1 mL	119		500 uL	
460-62968-E-31	PMP-2SE-VD	3541, 8270C	T	15.03 g	1 mL	120		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.: 460-62968-1

SDG No.:

Batch Number: 181497 Batch Start Date: 09/16/13 09:07 Batch Analyst: Patel, Harsh

Batch Method: 3541 Batch End Date:

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.: 460-62968-1

SDG No.:

Batch Number: 181498 Batch Start Date: 09/16/13 09:13 Batch Analyst: Patel, Harsh

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_BNA SPIK 00001	OP8270SoilSUR 00011	
MB 460-181498/1		3541, 8270C		15.00 g	1 mL	73		500 uL	
LCS 460-181498/2		3541, 8270C		15.00 g	1 mL	74	500 uL	500 uL	
460-62968-E-35 MS	PMP-22SE-VD	3541, 8270C	T	15.02 g	1 mL	75	500 uL	500 uL	
460-62968-E-35 MSD	PMP-22SE-VD	3541, 8270C	T	15.04 g	1 mL	76	500 uL	500 uL	
460-62968-E-32	PMP-2SE-WT	3541, 8270C	T	15.01 g	1 mL	77		500 uL	
460-62968-E-33	PMP-2SE-SI	3541, 8270C	T	15.03 g	1 mL	78		500 uL	
460-62968-E-34	PMP-22SE-VS	3541, 8270C	T	15.01 g	1 mL	79		500 uL	
460-62968-E-35	PMP-22SE-VD	3541, 8270C	T	15.02 g	1 mL	80		500 uL	
460-62968-E-36	PMP-22SE-WT	3541, 8270C	T	15.01 g	1 mL	81		500 uL	
460-62968-E-37	PMP-23SE-VS	3541, 8270C	T	15.03 g	1 mL	82		500 uL	
460-62968-E-38	PMP-23SE-VD	3541, 8270C	T	15.03 g	1 mL	83		500 uL	
460-62968-E-39	PMP-23SE-WT	3541, 8270C	T	15.01 g	1 mL	124		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

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.: 460-62968-1

SDG No.:

Batch Number: 181498 Batch Start Date: 09/16/13 09:13 Batch Analyst: Patel, Harsh

Batch Method: 3541 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.: 460-62968-1

SDG No.:

Batch Number: 181657 Batch Start Date: 09/17/13 03:26 Batch Analyst: Silva, Jose

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP625/82SP 00041
MB 460-181657/1		3510C, 8270C		7 SU	250 mL	2 mL	< 2 SU	> 12 SU	
LCS 460-181657/2		3510C, 8270C		7 SU	250 mL	2 mL	< 2 SU	> 12 SU	0.2 mL
LCSD 460-181657/3		3510C, 8270C		7 SU	250 mL	2 mL	< 2 SU	> 12 SU	0.2 mL
460-62968-F-40	FB-091213	3510C, 8270C	T	6 SU	250 mL	2 mL	< 2 SU	> 12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP625/82SU 00036					
MB 460-181657/1		3510C, 8270C		0.2 mL					
LCS 460-181657/2		3510C, 8270C		0.2 mL					
LCSD 460-181657/3		3510C, 8270C		0.2 mL					
460-62968-F-40	FB-091213	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	JS
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	Jose
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.: 460-62968-1

SDG No.:

Batch Number: 181657 Batch Start Date: 09/17/13 03:26 Batch Analyst: Silva, Jose

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.

Method 8082

Polychlorinated Biphenyls (PCBs) by Gas Chromatography by Method 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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-27SE-VD	460-62968-1	96		97	
PMP-27SE-WT	460-62968-2	90		101	
PMP-27SE-SI	460-62968-3	57		62	
PMP-27SE-SD	460-62968-4	0	X	0	X
PMP-19SE-VD	460-62968-5	76		79	
PMP-19SE-WT	460-62968-6	0	X	0	X
PMP-19SE-SI	460-62968-7	94		98	
PMP-26SE-VD	460-62968-8	84		88	
PMP-26SE-WT	460-62968-9	0	X	0	X
PMP-26SE-SI	460-62968-10	87		92	
PMP-18SE-VD	460-62968-11	83		87	
PMP-18SE-WT	460-62968-12	0	X	0	X
PMP-18SE-SI	460-62968-13	92		95	
PMP-17SE-VD	460-62968-14	89		93	
PMP-17SE-WT	460-62968-15	0	X	0	X
PMP-17SE-SI	460-62968-16	88		91	
PMP-16SE-VD	460-62968-17	94		98	
PMP-16SE-WT	460-62968-18	93		111	
PMP-16SE-SI	460-62968-19	88		92	
PMP-28SE-VD	460-62968-20	84		89	
PMP-28SE-WT	460-62968-21	0	X	0	X
PMP-28SE-SI	460-62968-22	118		90	
PMP-28SE-SD	460-62968-23	100		72	
PMP-9SE-VD	460-62968-24	88		92	
PMP-9SE-WT	460-62968-25	88		92	
PMP-9SE-SI	460-62968-26	0	X	0	X
PMP-24SE-VS	460-62968-27	0	X	0	X
PMP-24SE-VD	460-62968-28	0	X	0	X
PMP-24SE-WT	460-62968-29	0	X	0	X
PMP-24SE-SI	460-62968-30	0	X	0	X
PMP-2SE-VD	460-62968-31	88		93	
PMP-2SE-WT	460-62968-32	0	X	0	X
PMP-2SE-SI	460-62968-33	0	X	0	X
PMP-22SE-VS	460-62968-34	92		96	
PMP-22SE-VD	460-62968-35	95		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.: 460-62968-1

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-22SE-WT	460-62968-36	89		93	
PMP-23SE-VS	460-62968-37	93		96	
PMP-23SE-VD	460-62968-38	93		97	
PMP-23SE-WT	460-62968-39	90		94	
	MB 460-181442/1-A	116		117	
	MB 460-181446/1-A	110		83	
	LCS 460-181442/2-A	118		118	
	LCS 460-181446/2-A	127		96	
PMP-27SE-VD MS	460-62968-1 MS	85		87	
PMP-28SE-WT MS	460-62968-21 MS	0	X	0	X
PMP-27SE-VD MSD	460-62968-1 MSD	89		91	
PMP-28SE-WT MSD	460-62968-21 MSD	0	X	0	X

	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.: 460-62968-1

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-091213	460-62968-40	47	45
	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: OR208065.D

Lab ID: LCS 460-181442/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	371	111	75-150	
Aroclor 1016	333	373	112	75-150	
Aroclor 1260	333	372	112	72-150	
Aroclor 1260	333	367	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: VR489392.D

Lab ID: LCS 460-181446/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	411	123	75-150	
Aroclor 1016	333	429	129	75-150	
Aroclor 1260	333	349	105	72-150	
Aroclor 1260	333	389	117	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.: 460-62968-1

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 DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: OR208067.D

Lab ID: 460-62968-1 MS Client ID: PMP-27SE-VD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	346	16 U	461	133	75-150	
Aroclor 1016	346	16 U	408	118	75-150	
Aroclor 1260	346	20 U	327	94	72-150	
Aroclor 1260	346	20 U	310	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: VR489400.D

Lab ID: 460-62968-21 MS Client ID: PMP-28SE-WT MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	386	170 U	13100	3393	75-150	F
Aroclor 1016	386	170 U	10200	2645	75-150	F
Aroclor 1260	386	2800	3380	156	72-150	4
Aroclor 1260	386	2700	3290	149	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: OR208068.D

Lab ID: 460-62968-1 MSD Client ID: PMP-27SE-VD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	346	459	133	0	30	75-150	
Aroclor 1016	346	424	123	4	30	75-150	
Aroclor 1260	346	330	95	1	30	72-150	
Aroclor 1260	346	320	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: VR489401.D

Lab ID: 460-62968-21 MSD Client ID: PMP-28SE-WT MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	386	13400	3469	2	30	75-150	F
Aroclor 1016	386	10400	2704	2	30	75-150	F
Aroclor 1260	386	3460	177	2	30	72-150	4
Aroclor 1260	386	3370	169	2	30	72-150	4

Column to be used to flag recovery and RPD values

FORM III 8082

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: MB 460-181442/1-A

Matrix: Solid Date Extracted: 09/16/2013 04:32

Lab File ID:(1) OR208064.D Lab File ID:(2) OR208064.D

Date Analyzed:(1) 09/16/2013 09:41 Date Analyzed:(2) 09/16/2013 09:41

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 460-181442/2-A	09/16/2013 09:57	09/16/2013 09:57
PMP-27SE-VD	460-62968-1	09/16/2013 10:13	09/16/2013 10:13
PMP-27SE-VD MS	460-62968-1 MS	09/16/2013 10:43	09/16/2013 10:43
PMP-27SE-VD MSD	460-62968-1 MSD	09/16/2013 11:00	09/16/2013 11:00
PMP-27SE-WT	460-62968-2	09/16/2013 16:57	09/16/2013 16:57
PMP-27SE-SI	460-62968-3	09/16/2013 17:14	09/16/2013 17:14
PMP-19SE-VD	460-62968-5	09/16/2013 17:50	09/16/2013 17:50
PMP-19SE-SI	460-62968-7	09/16/2013 18:22	09/16/2013 18:22
PMP-26SE-VD	460-62968-8	09/16/2013 18:38	09/16/2013 18:38
PMP-26SE-SI	460-62968-10	09/16/2013 19:11	09/16/2013 19:11
PMP-18SE-VD	460-62968-11	09/16/2013 19:27	09/16/2013 19:27
PMP-18SE-SI	460-62968-13	09/16/2013 20:01	09/16/2013 20:01
PMP-17SE-VD	460-62968-14	09/16/2013 20:17	09/16/2013 20:17
PMP-17SE-SI	460-62968-16	09/16/2013 20:50	09/16/2013 20:50
PMP-16SE-VD	460-62968-17	09/16/2013 21:07	09/16/2013 21:07
PMP-16SE-SI	460-62968-19	09/16/2013 21:40	09/16/2013 21:40
PMP-28SE-VD	460-62968-20	09/16/2013 21:56	09/16/2013 21:56
PMP-27SE-SD	460-62968-4	09/17/2013 10:54	09/17/2013 10:54
PMP-19SE-WT	460-62968-6	09/17/2013 11:11	09/17/2013 11:11
PMP-18SE-WT	460-62968-12	09/17/2013 11:44	09/17/2013 11:44
PMP-17SE-WT	460-62968-15	09/17/2013 12:00	09/17/2013 12:00
PMP-16SE-WT	460-62968-18	09/17/2013 12:17	09/17/2013 12:17
PMP-26SE-WT	460-62968-9	09/17/2013 12:33	09/17/2013 12:33

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: MB 460-181446/1-A

Matrix: Solid Date Extracted: 09/16/2013 04:37

Lab File ID:(1) VR489391.D Lab File ID:(2) VR489391.D

Date Analyzed:(1) 09/16/2013 12:13 Date Analyzed:(2) 09/16/2013 12:13

Instrument ID:(1) CPESTGC9 Instrument ID:(2) CPESTGC9

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 460-181446/2-A	09/16/2013 12:29	09/16/2013 12:29
PMP-28SE-SI	460-62968-22	09/16/2013 14:16	09/16/2013 14:16
PMP-28SE-SD	460-62968-23	09/16/2013 14:31	09/16/2013 14:31
PMP-28SE-WT	460-62968-21	09/16/2013 14:48	09/16/2013 14:48
PMP-28SE-WT MS	460-62968-21 MS	09/16/2013 15:04	09/16/2013 15:04
PMP-28SE-WT MSD	460-62968-21 MSD	09/16/2013 15:20	09/16/2013 15:20
PMP-9SE-VD	460-62968-24	09/16/2013 23:20	09/16/2013 23:20
PMP-9SE-WT	460-62968-25	09/16/2013 23:36	09/16/2013 23:36
PMP-2SE-VD	460-62968-31	09/17/2013 01:16	09/17/2013 01:16
PMP-22SE-VS	460-62968-34	09/17/2013 02:06	09/17/2013 02:06
PMP-22SE-VD	460-62968-35	09/17/2013 02:22	09/17/2013 02:22
PMP-22SE-WT	460-62968-36	09/17/2013 02:39	09/17/2013 02:39
PMP-23SE-VS	460-62968-37	09/17/2013 02:55	09/17/2013 02:55
PMP-23SE-VD	460-62968-38	09/17/2013 03:11	09/17/2013 03:11
PMP-23SE-WT	460-62968-39	09/17/2013 03:28	09/17/2013 03:28
PMP-9SE-SI	460-62968-26	09/17/2013 08:58	09/17/2013 08:58
PMP-24SE-VS	460-62968-27	09/17/2013 09:14	09/17/2013 09:14
PMP-24SE-VD	460-62968-28	09/17/2013 09:31	09/17/2013 09:31
PMP-24SE-WT	460-62968-29	09/17/2013 09:48	09/17/2013 09:48
PMP-24SE-SI	460-62968-30	09/17/2013 10:04	09/17/2013 10:04
PMP-2SE-WT	460-62968-32	09/17/2013 10:21	09/17/2013 10:21
PMP-2SE-SI	460-62968-33	09/17/2013 10:37	09/17/2013 10:37

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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-091213	460-62968-40	09/18/2013 05:13	09/18/2013 05:13

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD Lab Sample ID: 460-62968-1

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/16/2013 10:13 Date Analyzed (2): 09/16/2013 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 1248	1	1	2.67	2.60	2.74	420	290	5.2
		2	3.12	3.05	3.19	488		
		3	3.71	3.63	3.77	209		
		4	4.20	4.13	4.27	190		
		5	4.43	4.36	4.50	156		
	2	1	3.57	3.49	3.63	494	310	
		2	4.11	4.03	4.17	469		
		3	4.53	4.45	4.59	189		
		4	5.35	5.28	5.42	187		
		5	5.41	5.34	5.48	202		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD MS Lab Sample ID: 460-62968-1 MS

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/16/2013 10:43 Date Analyzed (2): 09/16/2013 10:43

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.34	2.27	2.41	260	408	12.0
		2	2.67	2.60	2.74	422		
		3	3.12	3.05	3.19	473		
		4	3.26	3.20	3.34	404		
		5	3.70	3.63	3.77	483		
	2	1	3.10	3.02	3.16	301	461	
		2	3.57	3.50	3.64	467		
		3	4.12	4.04	4.18	507		
		4	4.88	4.80	4.94	506		
		5	5.04	4.96	5.10	523		
Aroclor 1260	1	1	5.12	5.05	5.19	324	310	5.3
		2	6.27	6.21	6.35	310		
		3	6.75	6.68	6.82	313		
		4	7.23	7.17	7.31	303		
		5	8.61	8.54	8.68	299		
	2	1	6.58	6.51	6.65	381	327	
		2	6.93	6.85	6.99	315		
		3	8.51	8.43	8.57	311		
		4	9.01	8.94	9.08	311		
		5	10.19	10.12	10.26	315		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD MSD Lab Sample ID: 460-62968-1 MSD

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/16/2013 11:00 Date Analyzed (2): 09/16/2013 11:00

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.35	2.27	2.41	274	424	8.0
		2	2.67	2.60	2.74	446		
		3	3.12	3.05	3.19	481		
		4	3.27	3.20	3.34	417		
		5	3.70	3.63	3.77	502		
	2	1	3.09	3.02	3.16	307	459	
		2	3.57	3.50	3.64	475		
		3	4.11	4.04	4.18	496		
		4	4.87	4.80	4.94	514		
		5	5.03	4.96	5.10	505		
Aroclor 1260	1	1	5.12	5.05	5.19	332	320	3.1
		2	6.27	6.21	6.35	318		
		3	6.75	6.68	6.82	318		
		4	7.23	7.17	7.31	313		
		5	8.61	8.54	8.68	320		
	2	1	6.57	6.51	6.65	371	330	
		2	6.92	6.85	6.99	322		
		3	8.49	8.43	8.57	311		
		4	9.00	8.94	9.08	321		
		5	10.19	10.12	10.26	324		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SI Lab Sample ID: 460-62968-3

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/16/2013 17:14 Date Analyzed (2): 09/16/2013 17:14

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.27	2.41	57.5	120	6.6
		2	2.67	2.60	2.74	139		
		4	3.27	3.20	3.34	167		
		5	3.70	3.63	3.77	134		
	2	1	3.09	3.02	3.16	63.9	130	
		2	3.57	3.49	3.63	146		
		4	4.28	4.21	4.35	206		
		5	5.41	5.34	5.48	117		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SD Lab Sample ID: 460-62968-4

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 10:54 Date Analyzed (2): 09/17/2013 10:54

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.27	2.41	5260	11000	13.2
		2	2.67	2.60	2.74	13200		
		3	3.12	3.05	3.19	12900		
		4	3.27	3.20	3.34	11300		
		5	3.70	3.63	3.77	13500		
	2	1	3.09	3.02	3.16	6420	13000	
		2	3.56	3.49	3.63	15600		
		3	4.11	4.04	4.18	15700		
		4	4.28	4.21	4.35	13400		
Aroclor 1260	1	1	5.12	5.05	5.19	1990	1700	2.4
		2	6.27	6.21	6.35	1480		
		3	6.75	6.68	6.82	1530		
		4	7.23	7.17	7.31	1560		
		5	8.60	8.54	8.68	1720		
	2	2	6.91	6.85	6.99	1690	1700	
		3	8.48	8.43	8.57	1750		
		4	9.00	8.94	9.08	1740		
		5	10.18	10.12	10.26	1610		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-WT Lab Sample ID: 460-62968-6

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 11:11 Date Analyzed (2): 09/17/2013 11:11

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.27	2.41	8740	9500	16.9
		2	2.67	2.60	2.74	9420		
		3	3.12	3.05	3.19	9500		
		4	3.26	3.20	3.34	9880		
		5	3.70	3.63	3.77	9820		
	2	1	3.09	3.02	3.16	10500	11000	
		2	3.56	3.49	3.63	11200		
		3	4.10	4.04	4.18	11200		
		4	4.28	4.21	4.35	11100		
		5	5.41	5.34	5.48	12100		
Aroclor 1260	1	2	6.27	6.21	6.35	704	730	7.6
		3	6.74	6.68	6.82	696		
		4	7.23	7.17	7.31	666		
		5	8.60	8.54	8.68	850		
	2	2	6.91	6.85	6.99	820	680	
		3	8.49	8.43	8.57	611		
		4	9.00	8.94	9.08	626		
		5	10.19	10.12	10.26	645		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-WT Lab Sample ID: 460-62968-9

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 12:33 Date Analyzed (2): 09/17/2013 12:33

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	2.67	2.60	2.74	29200	18000	12.1
		2	3.12	3.05	3.19	26200		
		3	3.70	3.63	3.77	12900		
		4	4.20	4.13	4.27	12500		
		5	4.43	4.36	4.50	10800		
	2	1	3.56	3.49	3.63	36700	21000	
		2	4.10	4.03	4.17	27800		
		3	4.52	4.45	4.59	12200		
		4	5.35	5.28	5.42	12700		
		5	5.41	5.34	5.48	14000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-VD Lab Sample ID: 460-62968-11

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/16/2013 19:27 Date Analyzed (2): 09/16/2013 19:27

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	1	2.67	2.60	2.74	408	270	4.4
		2	3.13	3.05	3.19	334		
		3	3.70	3.63	3.77	235		
		4	4.20	4.13	4.27	196		
		5	4.43	4.36	4.50	179		
	2	1	3.56	3.49	3.63	439	260	
		2	4.11	4.03	4.17	270		
		3	4.52	4.45	4.59	207		
		4	5.35	5.28	5.42	174		
		5	5.41	5.34	5.48	203		
Aroclor 1260	1	1	5.12	5.05	5.19	78.2	51	2.2
		2	6.27	6.21	6.35	50.0		
		3	6.75	6.68	6.82	46.5		
		4	7.23	7.17	7.31	43.1		
		5	8.61	8.54	8.68	38.6		
	2	2	6.91	6.85	6.99	60.8	50	
		3	8.49	8.43	8.57	47.7		
		4	9.00	8.94	9.08	48.2		
		5	10.19	10.12	10.26	43.9		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-WT Lab Sample ID: 460-62968-12

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 11:44 Date Analyzed (2): 09/17/2013 11:44

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	7910	9600	12.1
		2	2.67	2.60	2.74	9770		
		3	3.12	3.05	3.19	10000		
		4	3.27	3.20	3.34	10200		
		5	3.70	3.63	3.77	10400		
	2	1	3.09	3.02	3.16	8870	11000	
		2	3.56	3.49	3.63	11400		
		3	4.11	4.04	4.18	11200		
		4	4.28	4.21	4.35	10800		
		5	5.41	5.34	5.48	12200		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-SI Lab Sample ID: 460-62968-13

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/16/2013 20:01 Date Analyzed (2): 09/16/2013 20:01

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	109	120	3.4
		2	2.67	2.60	2.74	110		
		3	3.12	3.05	3.19	156		
		4	3.26	3.20	3.34	116		
		5	3.70	3.63	3.77	91.2		
	2	1	3.09	3.02	3.16	113	120	
		2	3.56	3.49	3.63	115		
		3	4.11	4.04	4.18	166		
		4	4.28	4.21	4.35	126		
		5	5.41	5.34	5.48	81.1		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-WT Lab Sample ID: 460-62968-15

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 12:00 Date Analyzed (2): 09/17/2013 12:00

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.27	2.41	17100	20000	8.9
		2	2.67	2.60	2.74	19400		
		3	3.12	3.05	3.19	19700		
		4	3.26	3.20	3.34	20800		
		5	3.70	3.63	3.77	20500		
	2	1	3.09	3.02	3.16	18500	21000	
		2	3.56	3.49	3.63	21500		
		3	4.10	4.04	4.18	21900		
		4	4.27	4.21	4.35	21500		
		5	5.41	5.34	5.48	23300		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-SI Lab Sample ID: 460-62968-16

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/16/2013 20:50 Date Analyzed (2): 09/16/2013 20:50

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	50.9	70	0.7
		2	2.67	2.60	2.74	65.6		
		3	3.11	3.05	3.19	103		
		4	3.26	3.20	3.34	67.2		
		5	3.70	3.63	3.77	61.3		
	2	1	3.09	3.02	3.16	54.9	69	
		2	3.56	3.49	3.63	63.9		
		3	4.11	4.04	4.18	109		
		4	4.28	4.21	4.35	71.9		
		5	5.41	5.34	5.48	45.2		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-WT Lab Sample ID: 460-62968-18

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 12:17 Date Analyzed (2): 09/17/2013 12:17

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	2870	3200	19.5
		2	2.67	2.60	2.74	3250		
		3	3.12	3.05	3.19	3240		
		4	3.26	3.20	3.34	3370		
		5	3.70	3.63	3.77	3330		
	2	1	3.09	3.02	3.16	3500	3900	
		2	3.56	3.49	3.63	3910		
		3	4.10	4.04	4.18	3930		
		4	4.28	4.21	4.35	3960		
		5	5.41	5.34	5.48	4210		
Aroclor 1260	1	2	6.27	6.21	6.35	523	510	2.3
		3	6.74	6.68	6.82	525		
		4	7.23	7.17	7.31	505		
		5	8.60	8.54	8.68	477		
	2	2	6.91	6.85	6.99	598	520	
		3	8.48	8.43	8.57	477		
		4	9.00	8.94	9.08	513		
		5	10.18	10.12	10.26	489		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-SI Lab Sample ID: 460-62968-19

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/16/2013 21:40 Date Analyzed (2): 09/16/2013 21:40

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.27	2.41	233	280	9.4
		2	2.67	2.60	2.74	254		
		3	3.12	3.05	3.19	338		
		4	3.26	3.20	3.34	301		
		5	3.70	3.63	3.77	267		
	2	1	3.09	3.02	3.16	271	310	
		2	3.56	3.49	3.63	290		
		3	4.10	4.04	4.18	360		
		4	4.27	4.21	4.35	324		
		5	5.41	5.34	5.48	285		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-VD Lab Sample ID: 460-62968-20

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/16/2013 21:56 Date Analyzed (2): 09/16/2013 21:56

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	1210	950	7.4
		2	3.12	3.05	3.19	1140		
		3	3.70	3.63	3.77	754		
		4	4.20	4.13	4.27	686		
	2	1	3.56	3.49	3.63	1540	1000	
		2	4.10	4.03	4.17	1220		
		3	4.52	4.45	4.59	772		
		4	5.35	5.28	5.42	758		
		5	5.41	5.34	5.48	819		
Aroclor 1260	1	1	5.12	5.05	5.19	246	200	1.6
		2	6.27	6.21	6.35	199		
		3	6.74	6.68	6.82	202		
		4	7.23	7.17	7.31	195		
		5	8.60	8.54	8.68	180		
	2	2	6.91	6.85	6.99	231	210	
		3	8.49	8.43	8.57	206		
		4	9.00	8.94	9.08	202		
		5	10.18	10.12	10.26	192		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-WT Lab Sample ID: 460-62968-21

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 09/16/2013 14:48 Date Analyzed (2): 09/16/2013 14:48

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	2.01	1.97	2.11	5370	10000	13.7
		2	2.45	2.40	2.54	9520		
		3	3.04	2.99	3.13	10800		
		4	3.23	3.18	3.32	10300		
		5	3.93	3.88	4.02	13800		
	2	1	2.98	2.93	3.07	5910	11000	
		2	3.69	3.64	3.78	13500		
		3	4.53	4.47	4.61	13700		
		4	4.78	4.72	4.86	12600		
Aroclor 1260	1	1	5.96	5.91	6.05	2740	2700	2.2
		2	7.47	7.42	7.56	2460		
		3	8.09	8.04	8.18	2640		
		4	8.73	8.67	8.81	2680		
		5	10.05	10.00	10.14	3040		
	2	1	7.84	7.79	7.93	3600	2800	
		2	8.30	8.24	8.38	2400		
		3	9.98	9.92	10.06	3330		
		4	10.33	10.27	10.41	2360		
		5	11.15	11.09	11.23	2180		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-WT MS Lab Sample ID: 460-62968-21 MS

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 09/16/2013 15:04 Date Analyzed (2): 09/16/2013 15:04

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.01	1.97	2.11	5870	10200	24.8
		2	2.45	2.40	2.54	9880		
		3	3.04	3.00	3.14	10700		
		4	3.23	3.18	3.32	11300		
		5	3.93	3.88	4.02	13300		
	2	1	2.98	2.93	3.07	6930	13100	
		2	3.68	3.64	3.78	13200		
		3	4.52	4.48	4.62	13500		
		4	5.60	5.55	5.69	15100		
		5	5.81	5.76	5.90	16800		
Aroclor 1260	1	1	5.96	5.91	6.05	3410	3290	2.7
		2	7.47	7.42	7.56	3000		
		3	8.09	8.04	8.18	3220		
		4	8.73	8.67	8.81	3100		
		5	10.06	10.00	10.14	3700		
	2	1	7.84	7.79	7.93	4440	3380	
		2	8.30	8.24	8.38	3030		
		3	9.98	9.92	10.06	3700		
		4	10.33	10.27	10.41	2760		
		5	11.16	11.09	11.23	2950		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-WT MSD Lab Sample ID: 460-62968-21 MSD

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 09/16/2013 15:20 Date Analyzed (2): 09/16/2013 15:20

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.01	1.97	2.11	6000	10400	24.8
		2	2.45	2.40	2.54	10200		
		3	3.04	3.00	3.14	11000		
		4	3.23	3.18	3.32	11600		
		5	3.93	3.88	4.02	13500		
	2	1	2.98	2.93	3.07	7160	13400	
		2	3.68	3.64	3.78	13700		
		3	4.53	4.48	4.62	13700		
		4	5.60	5.55	5.69	15500		
		5	5.81	5.76	5.90	16900		
Aroclor 1260	1	1	5.96	5.91	6.05	3410	3370	2.7
		2	7.47	7.42	7.56	3110		
		3	8.10	8.04	8.18	3280		
		4	8.73	8.67	8.81	3120		
		5	10.06	10.00	10.14	3920		
	2	1	7.84	7.79	7.93	4650	3460	
		2	8.30	8.24	8.38	3130		
		3	9.98	9.92	10.06	3660		
		4	10.33	10.27	10.41	2810		
		5	11.15	11.09	11.23	3040		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SI Lab Sample ID: 460-62968-22

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 09/16/2013 14:16 Date Analyzed (2): 09/16/2013 14:16

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.00	1.97	2.11	195	270	5.5
		2	2.44	2.40	2.54	274		
		3	3.03	2.99	3.13	301		
		4	3.22	3.18	3.32	304		
		5	3.92	3.88	4.02	284		
	2	1	2.99	2.93	3.07	236	290	
		2	3.70	3.64	3.78	338		
		3	4.54	4.47	4.61	313		
		4	4.79	4.72	4.86	300		
		5	6.34	6.27	6.41	248		
Aroclor 1260	1	1	5.95	5.91	6.05	47.8	37	0.7
		2	7.46	7.42	7.56	36.0		
		3	8.09	8.04	8.18	36.0		
		4	8.72	8.67	8.81	33.0		
		5	10.05	10.00	10.14	31.1		
	2	1	7.85	7.79	7.93	46.0	37	
		2	8.31	8.24	8.38	33.4		
		3	9.98	9.92	10.06	49.0		
		4	10.34	10.27	10.41	29.3		
		5	11.16	11.09	11.23	27.3		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SD Lab Sample ID: 460-62968-23

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 09/16/2013 14:31 Date Analyzed (2): 09/16/2013 14:31

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.01	1.97	2.11	47.8	75	4.9
		2	2.44	2.40	2.54	58.6		
		3	3.04	2.99	3.13	103		
		4	3.22	3.18	3.32	94.6		
		5	3.93	3.88	4.02	70.9		
	2	1	2.98	2.93	3.07	61.5	79	
		2	3.68	3.64	3.78	70.0		
		3	4.53	4.47	4.61	111		
		4	4.77	4.72	4.86	85.0		
		5	6.32	6.27	6.41	66.5		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-SI Lab Sample ID: 460-62968-26

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 08:58 Date Analyzed (2): 09/17/2013 08:58

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	24100	27000	7.9
		2	2.67	2.60	2.74	26900		
		3	3.12	3.05	3.19	27600		
		4	3.26	3.20	3.34	28800		
		5	3.70	3.63	3.77	28400		
	2	1	3.10	3.02	3.16	26000	29000	
		2	3.58	3.49	3.63	29200		
		3	4.12	4.04	4.18	29800		
		4	4.29	4.21	4.35	30300		
		5	5.42	5.34	5.48	31700		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VS Lab Sample ID: 460-62968-27

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 09:14 Date Analyzed (2): 09/17/2013 09:14

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.35	2.27	2.41	303000	300000	1.2
		2	2.67	2.60	2.74	308000		
		3	3.12	3.05	3.19	286000		
		4	3.27	3.20	3.34	305000		
		5	3.70	3.63	3.77	285000		
	2	1	3.09	3.02	3.16	312000	300000	
		2	3.56	3.49	3.63	303000		
		3	4.11	4.04	4.18	297000		
		4	4.28	4.21	4.35	310000		
		5	5.41	5.34	5.48	283000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VD Lab Sample ID: 460-62968-28

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 09:31 Date Analyzed (2): 09/17/2013 09:31

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.27	2.41	856000	850000	4.6
		2	2.67	2.60	2.74	862000		
		3	3.12	3.05	3.19	856000		
		4	3.27	3.20	3.34	891000		
		5	3.70	3.63	3.77	796000		
	2	1	3.09	3.02	3.16	884000	890000	
		2	3.56	3.49	3.63	883000		
		3	4.11	4.04	4.18	893000		
		4	4.28	4.21	4.35	931000		
		5	5.41	5.34	5.48	871000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-WT Lab Sample ID: 460-62968-29

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 09:48 Date Analyzed (2): 09/17/2013 09:48

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	1250000	1300000	5.0
		2	2.67	2.60	2.74	1290000		
		3	3.12	3.05	3.19	1320000		
		4	3.27	3.20	3.34	1320000		
		5	3.70	3.63	3.77	1240000		
	2	1	3.09	3.02	3.16	1320000	1300000	
		2	3.56	3.49	3.63	1320000		
		3	4.11	4.04	4.18	1360000		
		4	4.28	4.21	4.35	1400000		
		5	5.41	5.34	5.48	1350000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-SI Lab Sample ID: 460-62968-30

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 10:04 Date Analyzed (2): 09/17/2013 10:04

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.27	2.41	96500	99000	1.3
		2	2.67	2.60	2.74	101000		
		3	3.12	3.05	3.19	99000		
		4	3.26	3.20	3.34	101000		
		5	3.70	3.63	3.77	96500		
	2	1	3.09	3.02	3.16	99500	100000	
		2	3.56	3.49	3.63	98200		
		3	4.10	4.04	4.18	101000		
		4	4.28	4.21	4.35	105000		
		5	5.41	5.34	5.48	96800		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-VD Lab Sample ID: 460-62968-31

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 01:16 Date Analyzed (2): 09/17/2013 01:16

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.27	2.41	380	390	11.6
		2	2.67	2.60	2.74	380		
		3	3.12	3.05	3.19	447		
		4	3.26	3.20	3.34	391		
		5	3.70	3.63	3.77	367		
	2	1	3.09	3.02	3.16	442	440	
		2	3.56	3.49	3.63	431		
		3	4.11	4.04	4.18	467		
		4	4.28	4.21	4.35	445		
		5	5.41	5.34	5.48	421		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-WT Lab Sample ID: 460-62968-32

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 10:21 Date Analyzed (2): 09/17/2013 10:21

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	119000	130000	5.7
		2	2.67	2.60	2.74	131000		
		3	3.12	3.05	3.19	125000		
		4	3.26	3.20	3.34	137000		
		5	3.70	3.63	3.77	134000		
	2	1	3.09	3.02	3.16	130000	140000	
		2	3.56	3.49	3.63	130000		
		3	4.11	4.04	4.18	136000		
		4	4.28	4.21	4.35	141000		
		5	5.41	5.34	5.48	147000		
Aroclor 1260	1	1	5.11	5.05	5.19	44700	36000	4.7
		2	6.27	6.21	6.35	35500		
		3	6.74	6.68	6.82	34500		
		4	7.23	7.17	7.31	34200		
		5	8.60	8.54	8.68	29900		
	2	2	6.91	6.85	6.99	36400	34000	
		3	8.48	8.43	8.57	32900		
		4	9.00	8.94	9.08	34200		
		5	10.19	10.12	10.26	33000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-SI Lab Sample ID: 460-62968-33

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 10:37 Date Analyzed (2): 09/17/2013 10:37

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.27	2.41	10400	12000	10.0
		2	2.67	2.60	2.74	11500		
		3	3.12	3.05	3.19	11600		
		4	3.27	3.20	3.34	12300		
		5	3.70	3.63	3.77	12200		
	2	1	3.09	3.02	3.16	11900	13000	
		2	3.56	3.49	3.63	12600		
		3	4.11	4.04	4.18	12700		
		4	4.28	4.21	4.35	13100		
		5	5.41	5.34	5.48	13900		
Aroclor 1260	1	1	5.11	5.05	5.19	3760	3100	0.6
		2	6.27	6.21	6.35	3070		
		3	6.74	6.68	6.82	3050		
		4	7.23	7.17	7.31	3020		
		5	8.60	8.54	8.68	2700		
	2	2	6.91	6.85	6.99	3310	3100	
		3	8.48	8.43	8.57	3050		
		4	9.00	8.94	9.08	3120		
		5	10.18	10.12	10.26	2940		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VS Lab Sample ID: 460-62968-34

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 02:06 Date Analyzed (2): 09/17/2013 02:06

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	267	310	5.7
		2	2.67	2.60	2.74	297		
		3	3.12	3.05	3.19	373		
		4	3.26	3.20	3.34	300		
		5	3.70	3.63	3.77	296		
	2	1	3.09	3.02	3.16	306	320	
		2	3.56	3.49	3.63	310		
		3	4.10	4.04	4.18	362		
		4	4.28	4.21	4.35	333		
		5	5.41	5.34	5.48	311		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VD Lab Sample ID: 460-62968-35

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 02:22 Date Analyzed (2): 09/17/2013 02:22

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 1242	1	1	2.34	2.27	2.41	166	200	9.0
		2	2.67	2.60	2.74	187		
		3	3.12	3.05	3.19	254		
		4	3.26	3.20	3.34	205		
		5	3.70	3.63	3.77	176		
	2	1	3.09	3.02	3.16	197	220	
		2	3.56	3.49	3.63	194		
		3	4.10	4.04	4.18	262		
		4	4.27	4.21	4.35	245		
		5	5.41	5.34	5.48	182		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-WT Lab Sample ID: 460-62968-36

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 02:39 Date Analyzed (2): 09/17/2013 02:39

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	307	330	4.6
		2	2.67	2.60	2.74	326		
		3	3.12	3.05	3.19	393		
		4	3.26	3.20	3.34	329		
		5	3.70	3.63	3.77	303		
	2	1	3.09	3.02	3.16	341	350	
		2	3.56	3.49	3.63	335		
		3	4.10	4.04	4.18	382		
		4	4.28	4.21	4.35	362		
		5	5.41	5.34	5.48	315		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VS Lab Sample ID: 460-62968-37

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 02:55 Date Analyzed (2): 09/17/2013 02:55

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	136	180	0.4
		2	2.67	2.60	2.74	157		
		3	3.12	3.05	3.19	250		
		4	3.27	3.20	3.34	177		
		5	3.70	3.63	3.77	157		
	2	1	3.09	3.02	3.16	140	180	
		2	3.56	3.49	3.63	155		
		3	4.10	4.04	4.18	245		
		4	4.27	4.21	4.35	189		
		5	5.41	5.34	5.48	152		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VD Lab Sample ID: 460-62968-38

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 03:11 Date Analyzed (2): 09/17/2013 03:11

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.27	2.41	216	240	6.0
		2	2.67	2.60	2.74	235		
		3	3.12	3.05	3.19	294		
		4	3.26	3.20	3.34	248		
		5	3.70	3.63	3.77	224		
	2	1	3.09	3.02	3.16	253	260	
		2	3.56	3.49	3.63	246		
		3	4.10	4.04	4.18	288		
		4	4.28	4.21	4.35	275		
		5	5.41	5.34	5.48	230		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-WT Lab Sample ID: 460-62968-39

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/17/2013 03:28 Date Analyzed (2): 09/17/2013 03:28

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.34	2.27	2.41	239	270	3.3
		2	2.67	2.60	2.74	263		
		3	3.12	3.05	3.19	316		
		4	3.26	3.20	3.34	272		
		5	3.70	3.63	3.77	250		
	2	1	3.09	3.02	3.16	267	280	
		2	3.56	3.49	3.63	270		
		3	4.10	4.04	4.18	304		
		4	4.28	4.21	4.35	291		
		5	5.41	5.34	5.48	252		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181442/2-A

Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7

Date Analyzed (1): 09/16/2013 09:57 Date Analyzed (2): 09/16/2013 09:57

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	2.34	2.27	2.41	342	373	0.6
		2	2.67	2.60	2.74	387		
		3	3.12	3.05	3.19	371		
		4	3.27	3.20	3.34	386		
		5	3.70	3.63	3.77	381		
	2	1	3.09	3.02	3.16	363	371	
		2	3.56	3.50	3.64	383		
		3	4.10	4.04	4.18	378		
		4	4.87	4.80	4.94	394		
		5	5.02	4.96	5.10	337		
Aroclor 1260	1	1	5.12	5.05	5.19	383	367	1.3
		2	6.27	6.21	6.35	362		
		3	6.75	6.68	6.82	368		
		4	7.23	7.17	7.31	361		
		5	8.61	8.54	8.68	361		
	2	1	6.57	6.51	6.65	373	372	
		2	6.91	6.85	6.99	368		
		3	8.49	8.43	8.57	361		
		4	9.00	8.94	9.08	376		
		5	10.18	10.12	10.26	379		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181446/2-A

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 09/16/2013 12:29 Date Analyzed (2): 09/16/2013 12:29

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	2.01	1.97	2.11	382	429	4.3
		2	2.45	2.40	2.54	423		
		3	3.05	3.00	3.14	453		
		4	3.23	3.18	3.32	487		
		5	3.93	3.88	4.02	400		
	2	1	2.98	2.93	3.07	392	411	
		2	3.69	3.64	3.78	443		
		3	4.53	4.48	4.62	422		
		4	5.60	5.55	5.69	411		
		5	5.81	5.76	5.90	384		
Aroclor 1260	1	1	5.96	5.91	6.05	399	389	10.6
		2	7.47	7.42	7.56	381		
		3	8.09	8.04	8.18	395		
		4	8.72	8.67	8.81	402		
		5	10.05	10.00	10.14	366		
	2	1	7.84	7.79	7.93	400	349	
		2	8.30	8.24	8.38	323		
		3	9.98	9.92	10.06	386		
		4	10.33	10.27	10.41	313		
		5	11.15	11.09	11.23	324		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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.: 460-62968-1

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 I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD | Lab Sample ID: 460-62968-1

Matrix: Solid | Lab File ID: OR208066.D

Analysis Method: 8082 | Date Collected: 09/12/2013 08:45

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.02(g) | Date Analyzed: 09/16/2013 10:13

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181491 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	310		69	16

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\20130915-4643.b\OR208066.D		
Lims ID:	460-62968-E-1-C	Client ID:	PMP-27SE-VD
Inject. Date:	16-Sep-2013 10:13:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-017		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	17
Lims Batch ID:	181491	Lims Sample ID:	17
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	16-Sep-2013 13:58:54	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:	XAWRK029		

First Level Reviewer: patelji Date: 16-Sep-2013 10:56:12

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.562	2.558	0.004	290733	42.2	
2	2.050	2.047	0.003	305235	35.0	
					RPD = 18.68	
3 PCB-1248						M
1	3.565	3.558	0.007	105111	714.9	M
1	4.107	4.103	0.004	225359	678.7	M
1	4.527	4.523	0.004	51300	273.4	M
1	5.353	5.352	0.001	70632	270.5	M
1	5.412	5.410	0.002	95600	291.7	M
		Average of Peak Amounts =			445.9	
2	2.672	2.668	0.004	110516	607.2	M
2	3.123	3.122	0.001	305481	705.7	M
2	3.705	3.703	0.002	125073	302.4	M
2	4.202	4.200	0.002	205152	275.2	M
2	4.430	4.430	0.0	106395	225.2	M
		Average of Peak Amounts =			423.1	
					RPD = 5.23	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.688	10.710	-0.022	188300	48.3	
2	9.372	9.377	-0.005	337721	47.9	
					RPD = 0.84	
S 7 Polychlorinated biphenyls, Total						
1					445.9	

QC Flag Legend

Review Flags
M - Manually Integrated

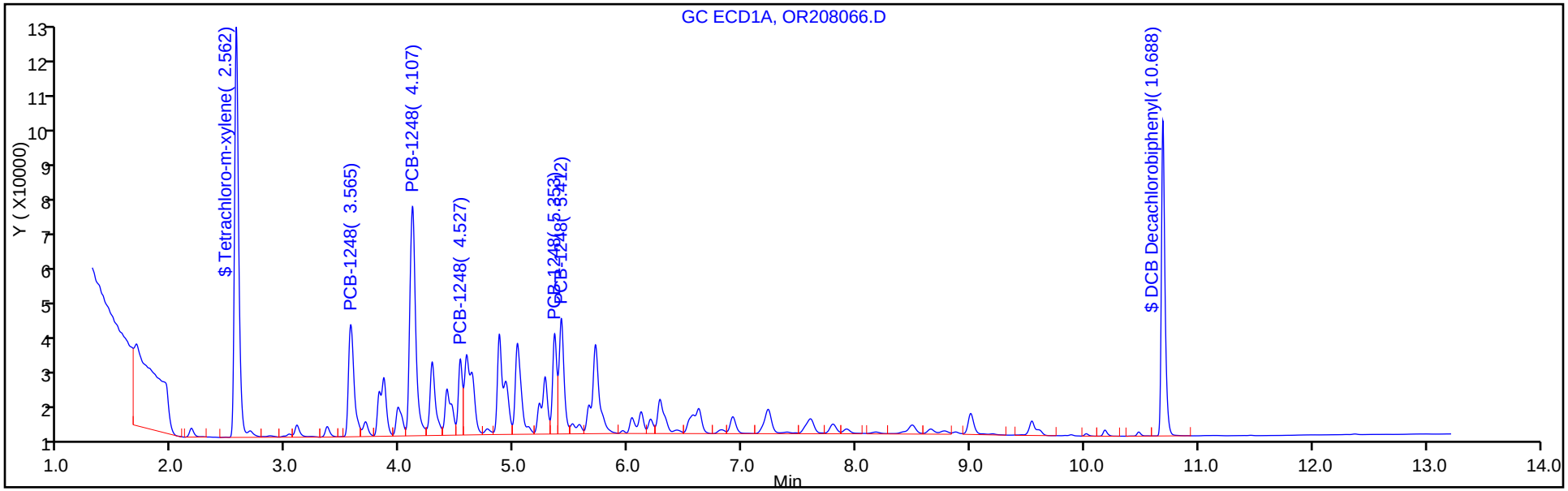
Report Date: 16-Sep-2013 13:59:02 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

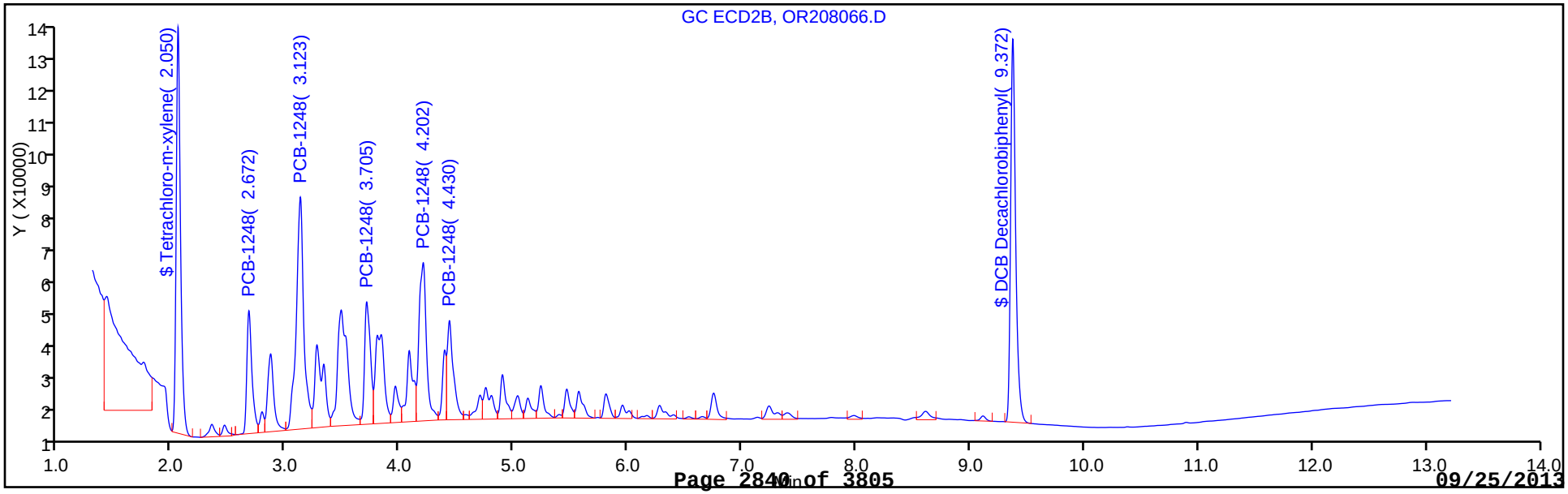
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208066.D

Injection Date:	16-Sep-2013 10:13:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-27SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181491	Lims Sample ID:	17
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



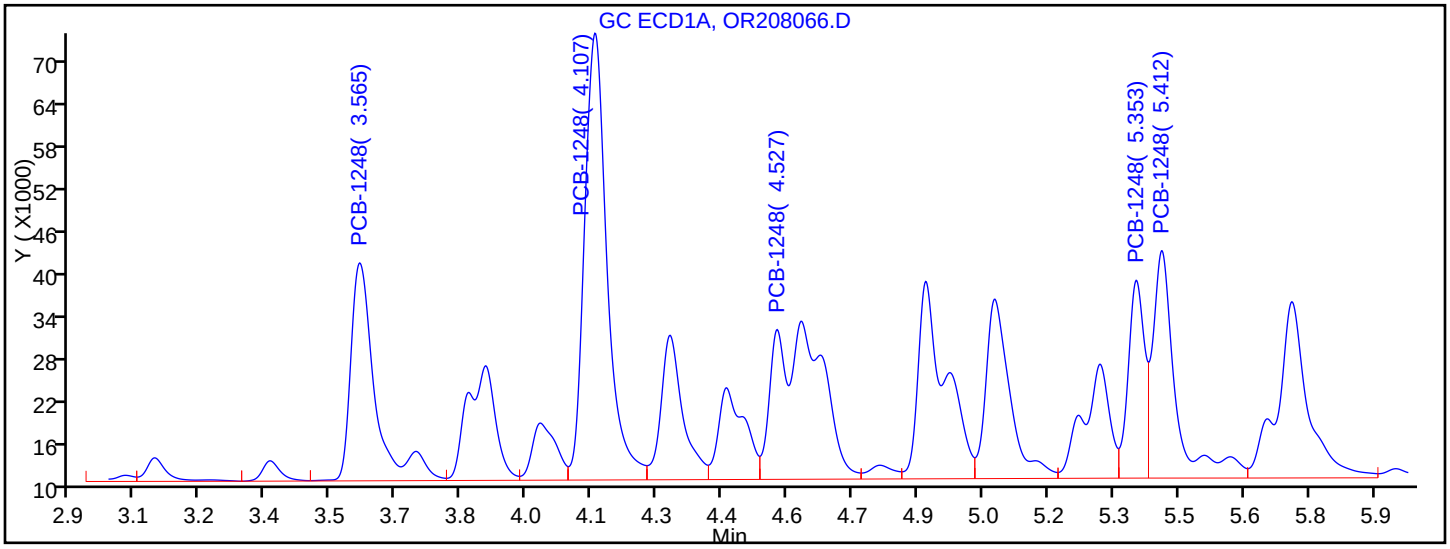
Report Date: 16-Sep-2013 13:59:02 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208066.D

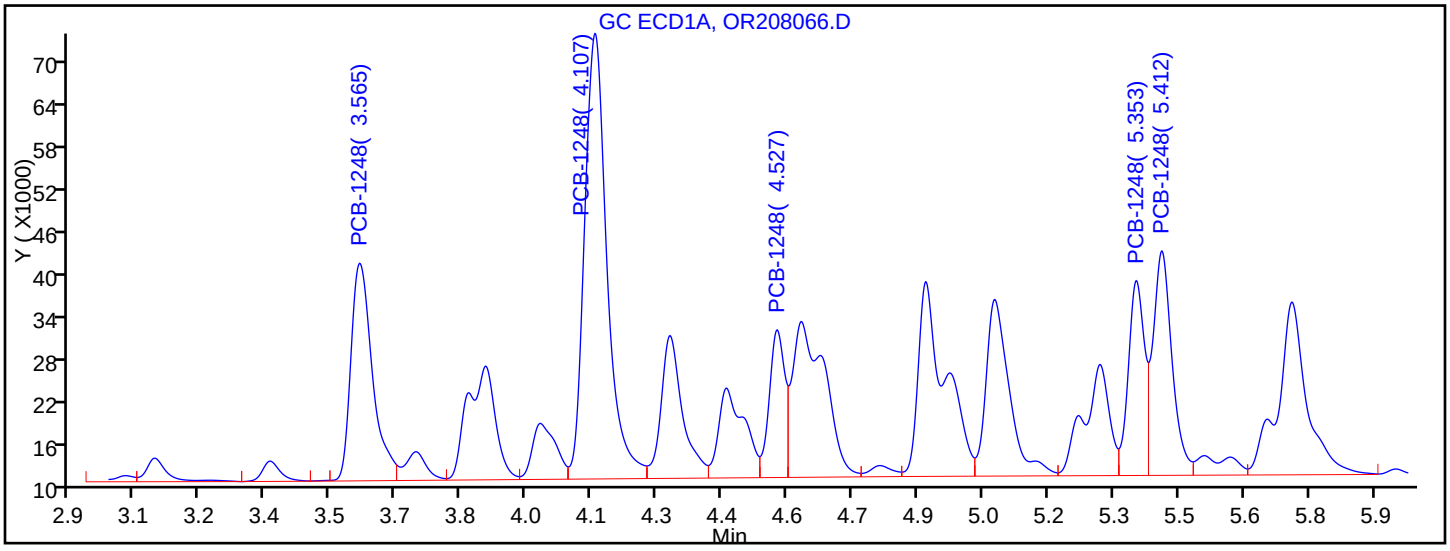
Injection Date:	16-Sep-2013 10:13:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-27SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181491	Lims Sample ID:	17
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1248, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.565	Response = 120253	M
RT = 4.107	Response = 227522	M
RT = 4.527	Response = 168616	M
RT = 5.353	Response = 72326	M
RT = 5.412	Response = 116924	M



Manual Integration Results

RT = 3.565	Response = 105111	M
RT = 4.107	Response = 225359	M
RT = 4.527	Response = 51300	M
RT = 5.353	Response = 70632	M
RT = 5.412	Response = 95600	M

Reviewer: patelji, 16-Sep-2013 12:01:44

Audit Action: Assigned New Baseline

Audit Reason: Column bleed

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD Lab Sample ID: 460-62968-1

Matrix: Solid Lab File ID: OR208066.D

Analysis Method: 8082 Date Collected: 09/12/2013 08:45

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.02(g) Date Analyzed: 09/16/2013 10:13

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181491 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
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	96		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208066.D		
Lims ID:	460-62968-E-1-C	Client ID:	PMP-27SE-VD
Inject. Date:	16-Sep-2013 10:13:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-017		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	17
Lims Batch ID:	181491	Lims Sample ID:	17
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	16-Sep-2013 13:58:54	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:	XAWRK029		

First Level Reviewer: patelji Date: 16-Sep-2013 10:56:12

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.562	2.558	0.004	290733	42.2	
2	2.050	2.047	0.003	305235	35.0	
					RPD = 18.68	
3 PCB-1248						M
1	3.565	3.558	0.007	105111	714.9	M
1	4.107	4.103	0.004	225359	678.7	M
1	4.527	4.523	0.004	51300	273.4	M
1	5.353	5.352	0.001	70632	270.5	M
1	5.412	5.410	0.002	95600	291.7	M
		Average of Peak Amounts =			445.9	
2	2.672	2.668	0.004	110516	607.2	M
2	3.123	3.122	0.001	305481	705.7	M
2	3.705	3.703	0.002	125073	302.4	M
2	4.202	4.200	0.002	205152	275.2	M
2	4.430	4.430	0.0	106395	225.2	M
		Average of Peak Amounts =			423.1	
					RPD = 5.23	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.688	10.710	-0.022	188300	48.3	
2	9.372	9.377	-0.005	337721	47.9	
					RPD = 0.84	
S 7 Polychlorinated biphenyls, Total						
1					445.9	

QC Flag Legend

Review Flags
M - Manually Integrated

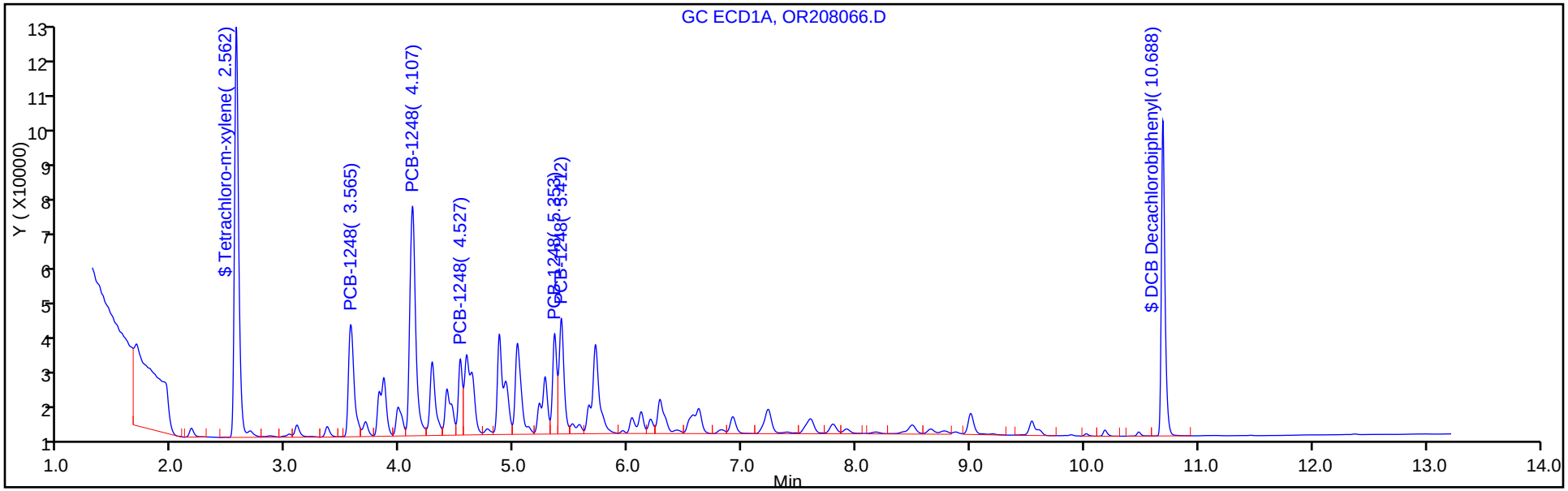
Report Date: 16-Sep-2013 13:59:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

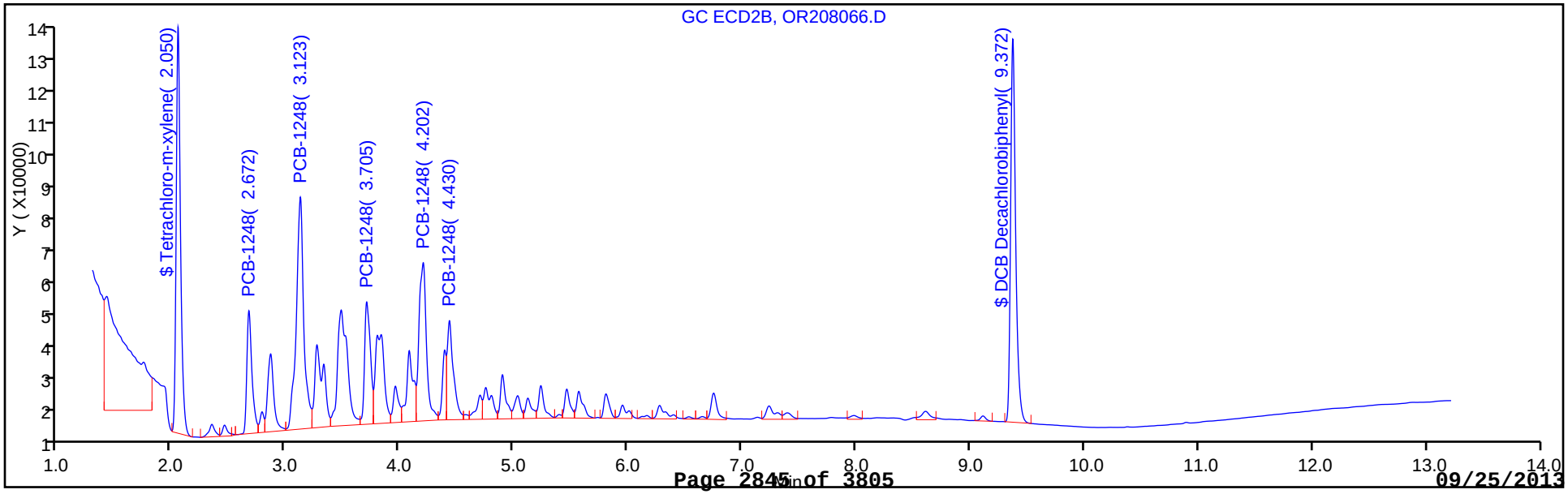
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208066.D

Injection Date:	16-Sep-2013 10:13:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-27SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181491	Lims Sample ID:	17
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



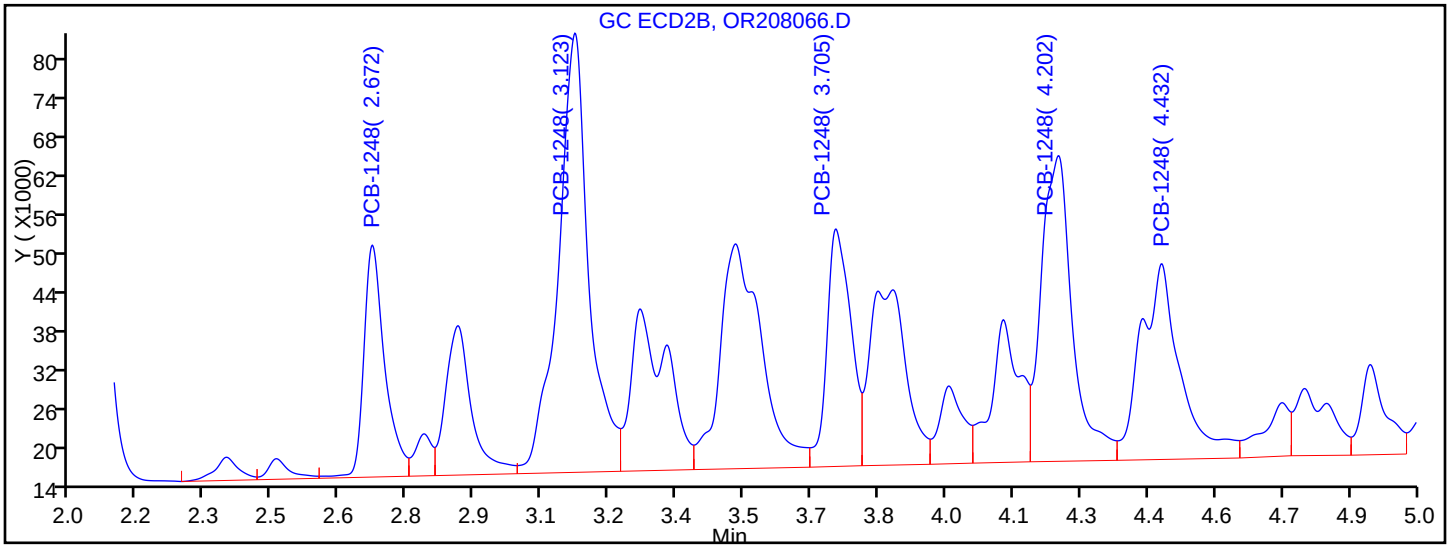
Report Date: 16-Sep-2013 13:59:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208066.D

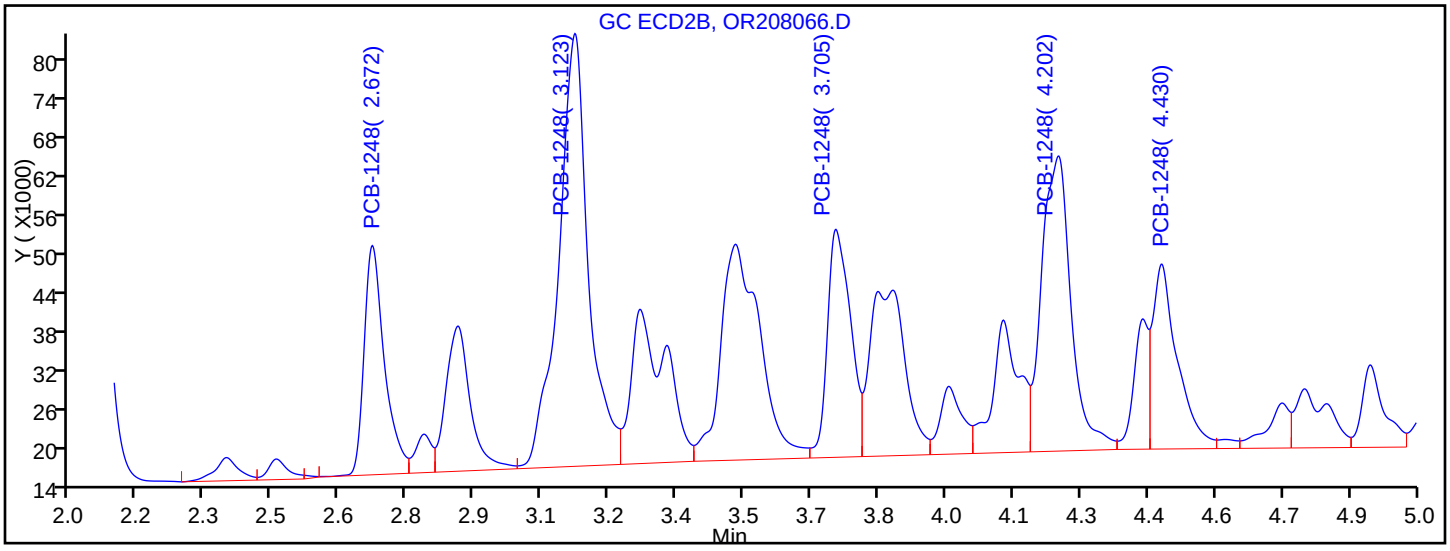
Injection Date:	16-Sep-2013 10:13:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-27SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181491	Lims Sample ID:	17
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1248, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.672	Response = 114956	M
RT = 3.123	Response = 318605	M
RT = 3.705	Response = 135153	M
RT = 4.202	Response = 224078	M
RT = 4.432	Response = 182905	M



Manual Integration Results

RT = 2.672	Response = 110516	M
RT = 3.123	Response = 305481	M
RT = 3.705	Response = 125073	M
RT = 4.202	Response = 205152	M
RT = 4.430	Response = 106395	M

Reviewer: patelji, 16-Sep-2013 12:01:44

Audit Action: Assigned New Baseline

Audit Reason: Column bleed

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-WT Lab Sample ID: 460-62968-2

Matrix: Solid Lab File ID: OR208084.D

Analysis Method: 8082 Date Collected: 09/12/2013 08:50

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.04(g) Date Analyzed: 09/16/2013 16:57

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.: 181600 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\20130915-4643.b\OR208084.D		
Lims ID:	460-62968-E-2-A	Client ID:	PMP-27SE-WT
Inject. Date:	16-Sep-2013 16:57:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-035		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	35
Lims Batch ID:	181600	Lims Sample ID:	35
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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 10:58:30

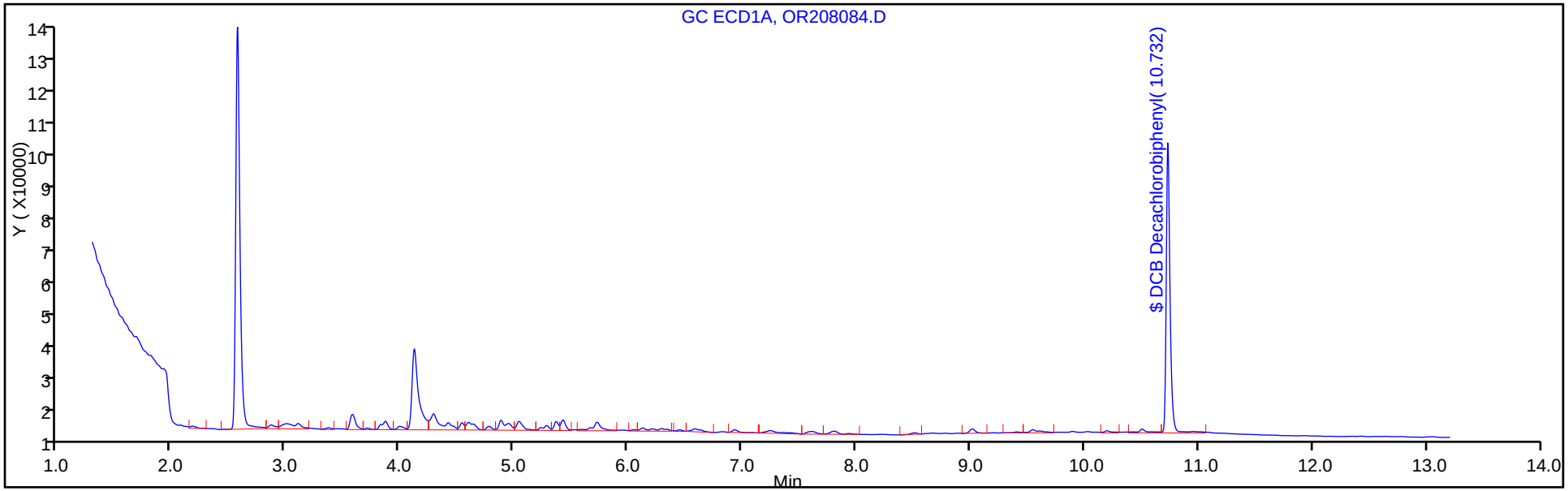
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.732	10.710	0.022	195954	50.3	
2	9.370	9.377	-0.007	318477	45.2	
					RPD = 10.68	

Report Date: 17-Sep-2013 11:34:19 Chrom Revision: 2.1 25-Jul-2013 20:19:50

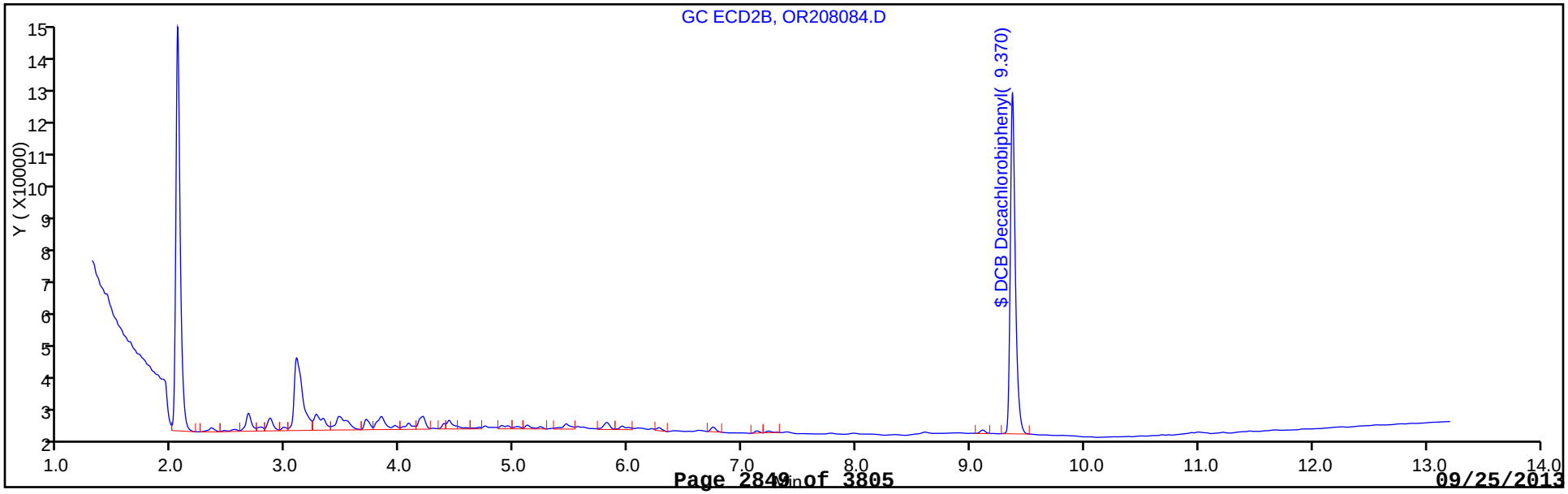
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208084.D		
Injection Date:	16-Sep-2013 16:57:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-27SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	35
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-WT | Lab Sample ID: 460-62968-2

Matrix: Solid | Lab File ID: OR208084.D

Analysis Method: 8082 | Date Collected: 09/12/2013 08:50

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.04(g) | Date Analyzed: 09/16/2013 16:57

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.: 181600 | 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	17	U	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	90		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208084.D		
Lims ID:	460-62968-E-2-A	Client ID:	PMP-27SE-WT
Inject. Date:	16-Sep-2013 16:57:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-035		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	35
Lims Batch ID:	181600	Lims Sample ID:	35
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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 10:58:30

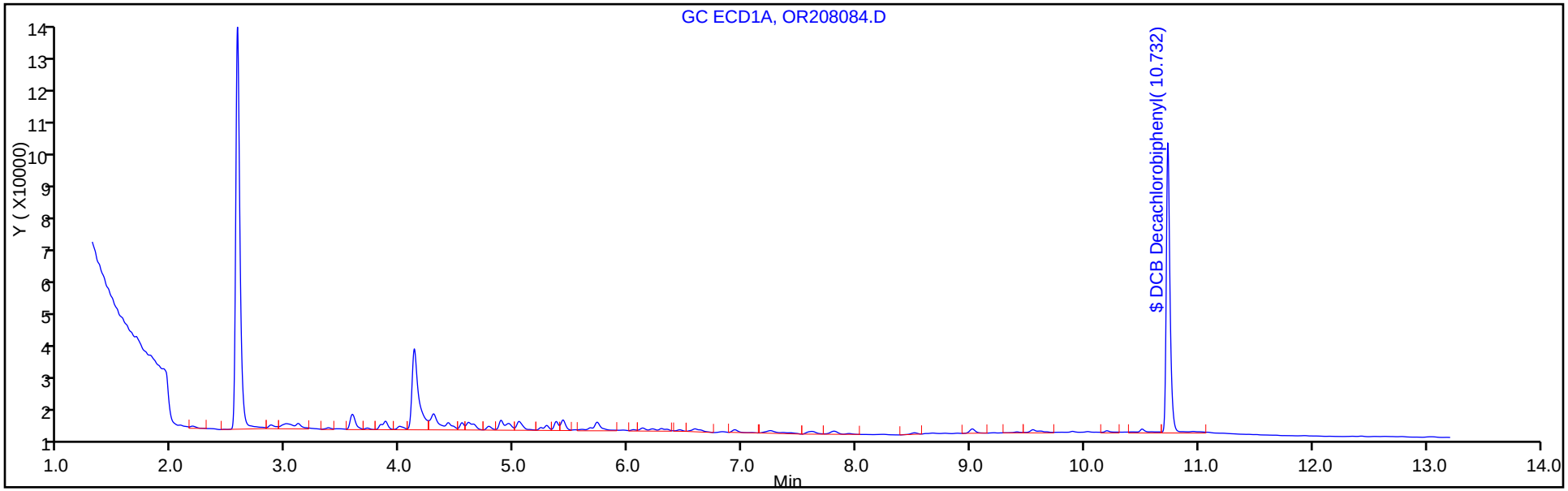
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.732	10.710	0.022	195954	50.3	
2	9.370	9.377	-0.007	318477	45.2	
					RPD = 10.68	

Report Date: 17-Sep-2013 11:34:19 Chrom Revision: 2.1 25-Jul-2013 20:19:50

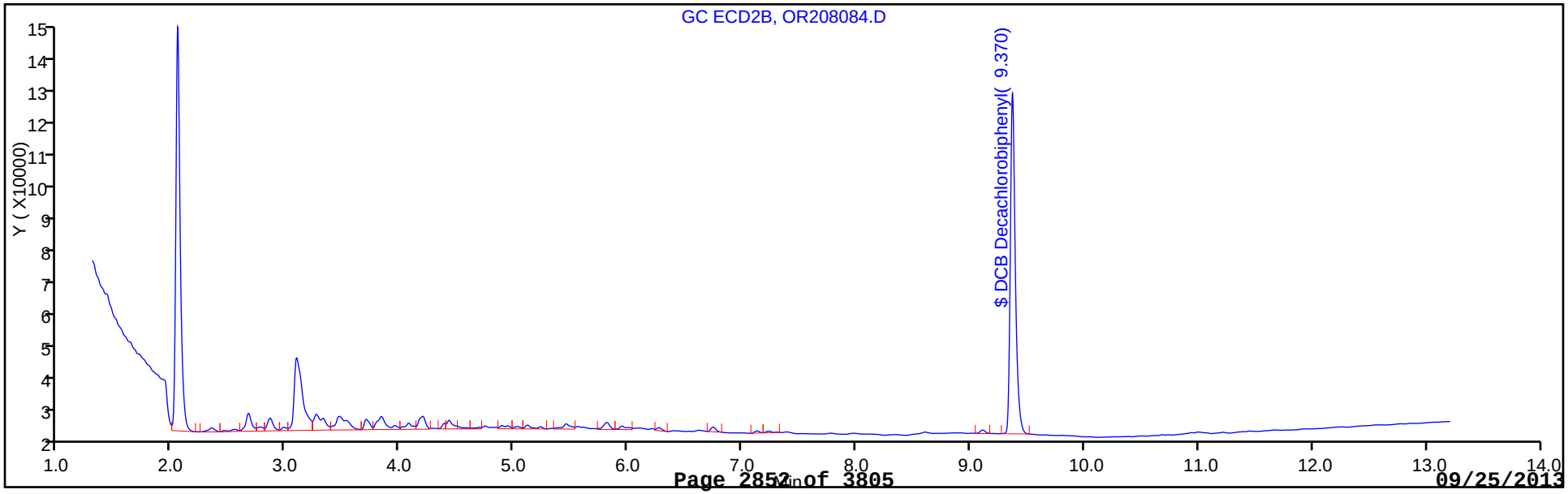
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208084.D		
Injection Date:	16-Sep-2013 16:57:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-27SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	35
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SI Lab Sample ID: 460-62968-3

Matrix: Solid Lab File ID: OR208085.D

Analysis Method: 8082 Date Collected: 09/12/2013 08:55

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.01(g) Date Analyzed: 09/16/2013 17:14

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181600 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	130		78	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	62		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208085.D		
Lims ID:	460-62968-E-3-A	Client ID:	PMP-27SE-SI
Inject. Date:	16-Sep-2013 17:14:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-036		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	36
Lims Batch ID:	181600	Lims Sample ID:	36
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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:	16-Sep-2013 17:34:28

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	3.092	3.088	0.004	12155	82.7	M
1	3.565	3.562	0.003	54456	188.8	M
1	0.0	4.105	-4.105	0	0	
1	4.280	4.277	0.003	60114	266.8	M
1	5.413	5.412	0.001	32867	151.3	M
		Average of Peak Amounts =			172.4	
2	2.345	2.343	0.002	16139	74.6	
2	2.670	2.670	0.0	58873	180.1	
2	0.0	3.123	-3.123	0	0	
2	3.265	3.265	0.0	57940	216.6	M
2	3.702	3.703	-0.001	52297	173.9	
		Average of Peak Amounts =			161.3	
					RPD = 6.65	
$ 5 DCB Decachlorobiphenyl						
1	10.713	10.710	0.003	121168	31.1	
2	9.370	9.377	-0.007	200443	28.4	
					RPD = 8.92	

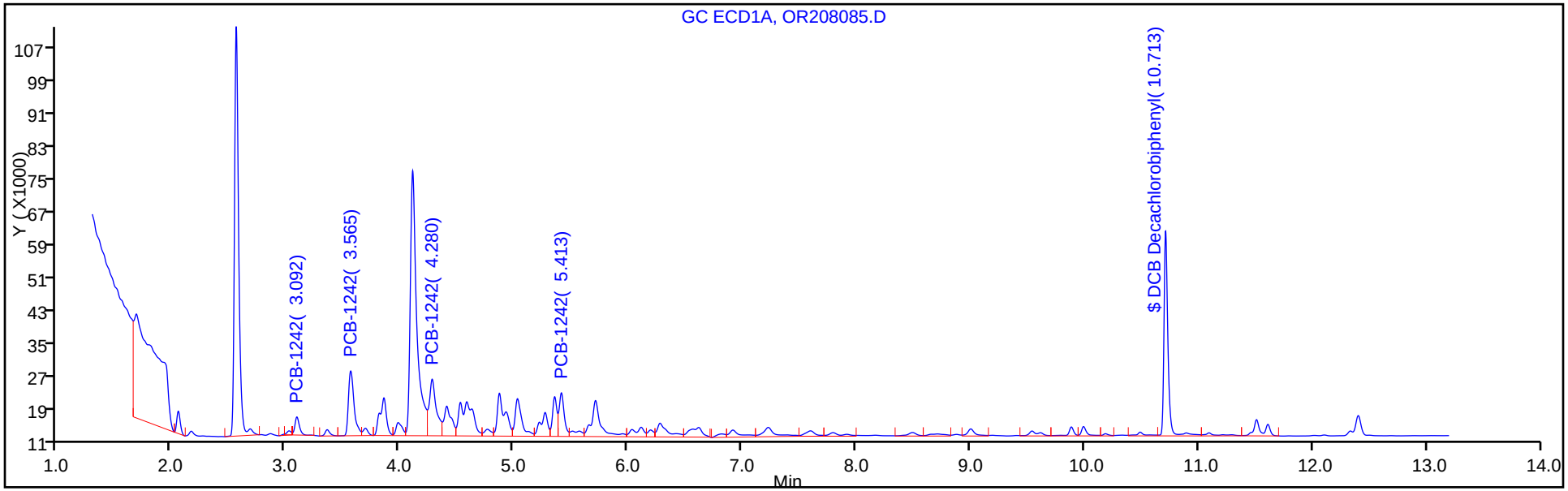
Report Date: 17-Sep-2013 11:34:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

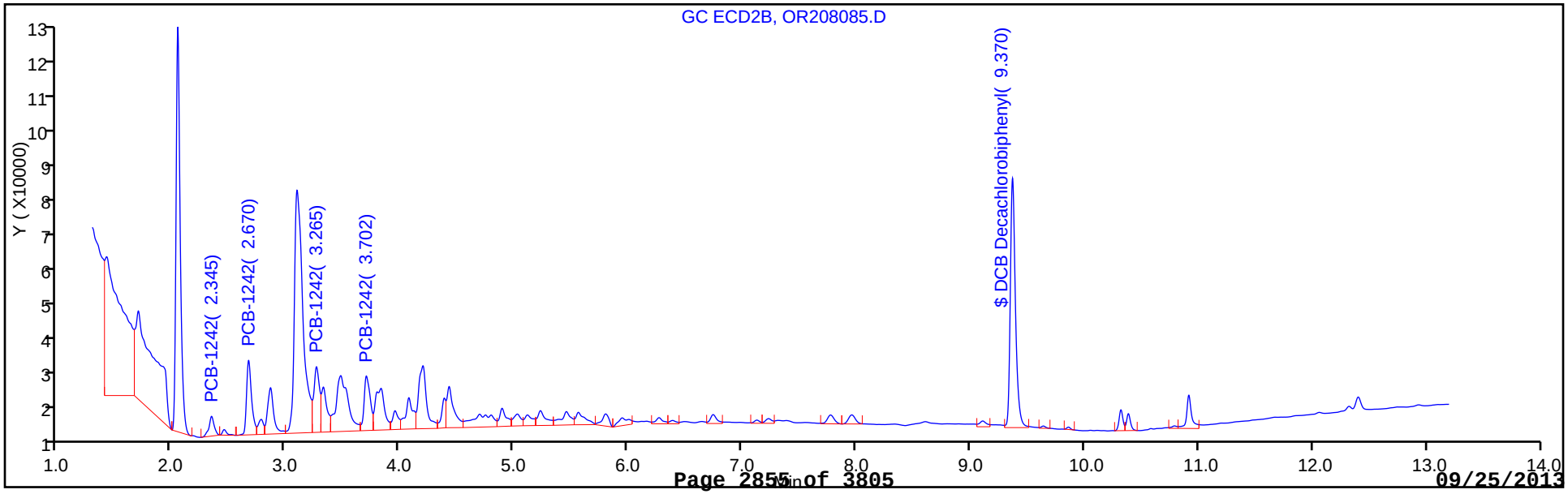
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208085.D

Injection Date:	16-Sep-2013 17:14:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-27SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SI Lab Sample ID: 460-62968-3

Matrix: Solid Lab File ID: OR208085.D

Analysis Method: 8082 Date Collected: 09/12/2013 08:55

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.01(g) Date Analyzed: 09/16/2013 17:14

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181600 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	57		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208085.D		
Lims ID:	460-62968-E-3-A	Client ID:	PMP-27SE-SI
Inject. Date:	16-Sep-2013 17:14:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-036		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	36
Lims Batch ID:	181600	Lims Sample ID:	36
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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:	16-Sep-2013 17:34:28

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	3.092	3.088	0.004	12155	82.7	M
1	3.565	3.562	0.003	54456	188.8	M
1	0.0	4.105	-4.105	0	0	
1	4.280	4.277	0.003	60114	266.8	M
1	5.413	5.412	0.001	32867	151.3	M
		Average of Peak Amounts =			172.4	
2	2.345	2.343	0.002	16139	74.6	
2	2.670	2.670	0.0	58873	180.1	
2	0.0	3.123	-3.123	0	0	
2	3.265	3.265	0.0	57940	216.6	M
2	3.702	3.703	-0.001	52297	173.9	
		Average of Peak Amounts =			161.3	
				RPD =	6.65	
$ 5 DCB Decachlorobiphenyl						
1	10.713	10.710	0.003	121168	31.1	
2	9.370	9.377	-0.007	200443	28.4	
				RPD =	8.92	

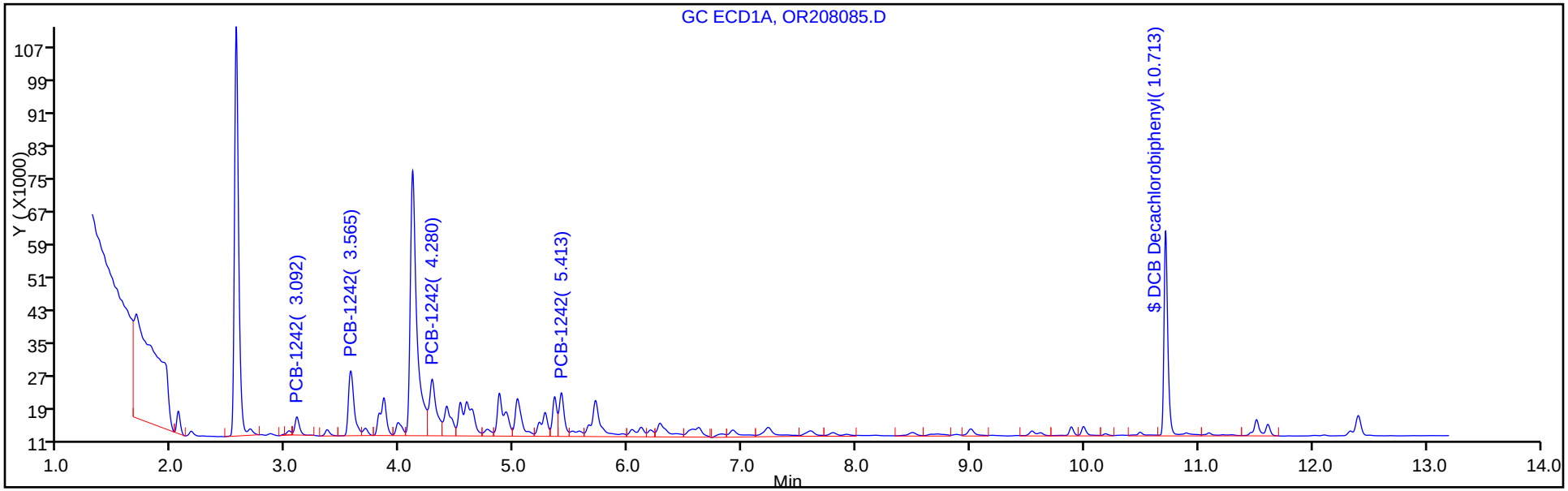
Report Date: 17-Sep-2013 11:34:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

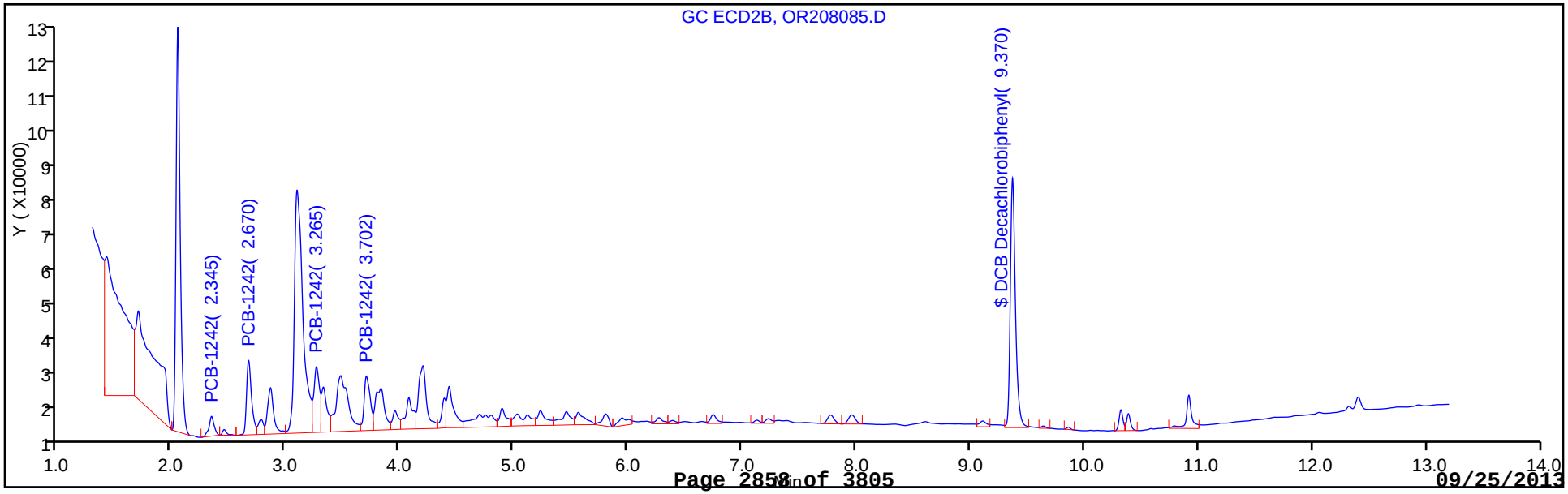
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208085.D

Injection Date:	16-Sep-2013 17:14:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-27SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SD Lab Sample ID: 460-62968-4

Matrix: Solid Lab File ID: OR208136.D

Analysis Method: 8082 Date Collected: 09/12/2013 09:00

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 10:54

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	13000		710	160
11096-82-5	Aroclor 1260	1700		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\20130917-4712.b\OR208136.D		
Lims ID:	460-62968-E-4-A	Client ID:	PMP-27SE-SD
Inject. Date:	17-Sep-2013 10:54:30	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004712-010		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	181716	Lims Sample ID:	10
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 13:32:32	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 12:19:11

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	3.090	3.088	0.002	133959	911.9	
1	3.563	3.562	0.001	640699	2221.3	
1	4.105	4.105	0.0	1183018	2235.1	
1	4.277	4.277	0.0	429461	1905.8	
1	0.0	5.412	-5.412	0	0	
		Average of Peak Amounts =			1818.5	
2	2.343	2.343	0.0	161528	746.4	
2	2.668	2.670	-0.002	611039	1869.5	
2	3.122	3.123	-0.001	1340811	1836.2	M
2	3.265	3.265	0.0	428617	1602.5	
2	3.702	3.703	-0.001	575510	1914.1	
		Average of Peak Amounts =			1593.7	
					RPD = 13.18	
10 PCB-1260						M
1	0.0	6.575	-6.575	0	0	
1	6.910	6.920	-0.010	102856	239.2	M
1	8.483	8.497	-0.014	100201	248.9	
1	8.998	9.007	-0.009	167232	246.7	
1	10.178	10.185	-0.007	36293	228.7	
		Average of Peak Amounts =			240.9	
2	5.115	5.118	-0.003	122229	282.2	
2	6.270	6.277	-0.007	85428	210.7	
2	6.745	6.752	-0.007	209490	217.2	
2	7.230	7.238	-0.008	109825	221.1	
2	8.603	8.613	-0.010	74178	244.6	
		Average of Peak Amounts =			235.2	
					RPD = 2.40	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags

QC Flag Legend

Review Flags
M - Manually Integrated

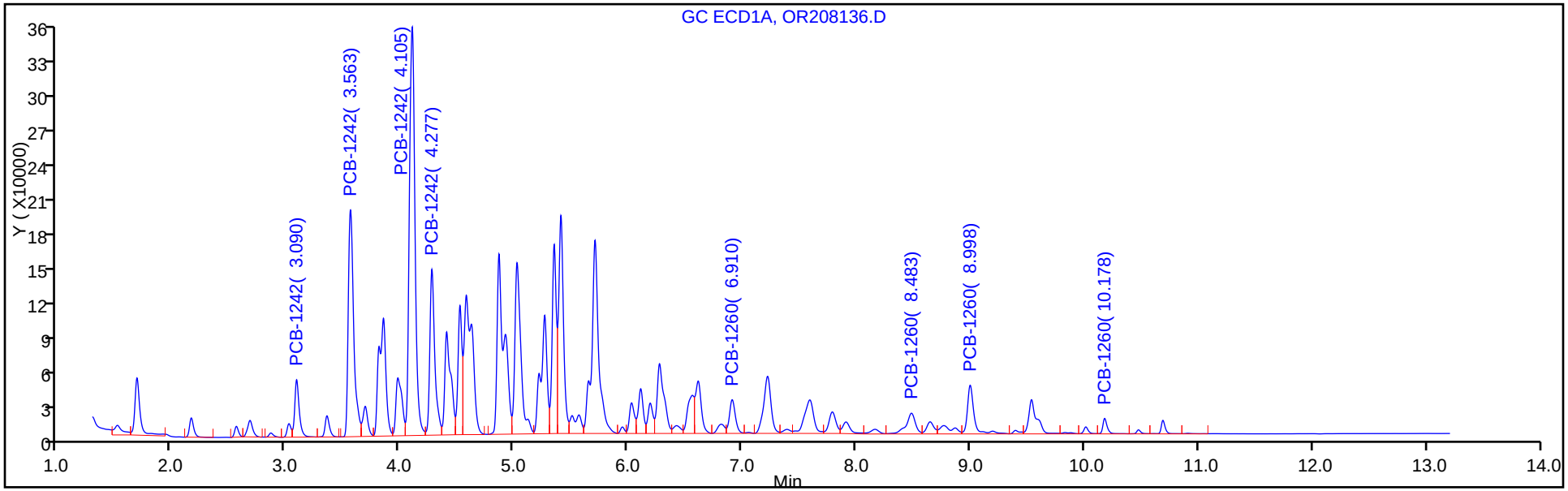
Report Date: 17-Sep-2013 13:32:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

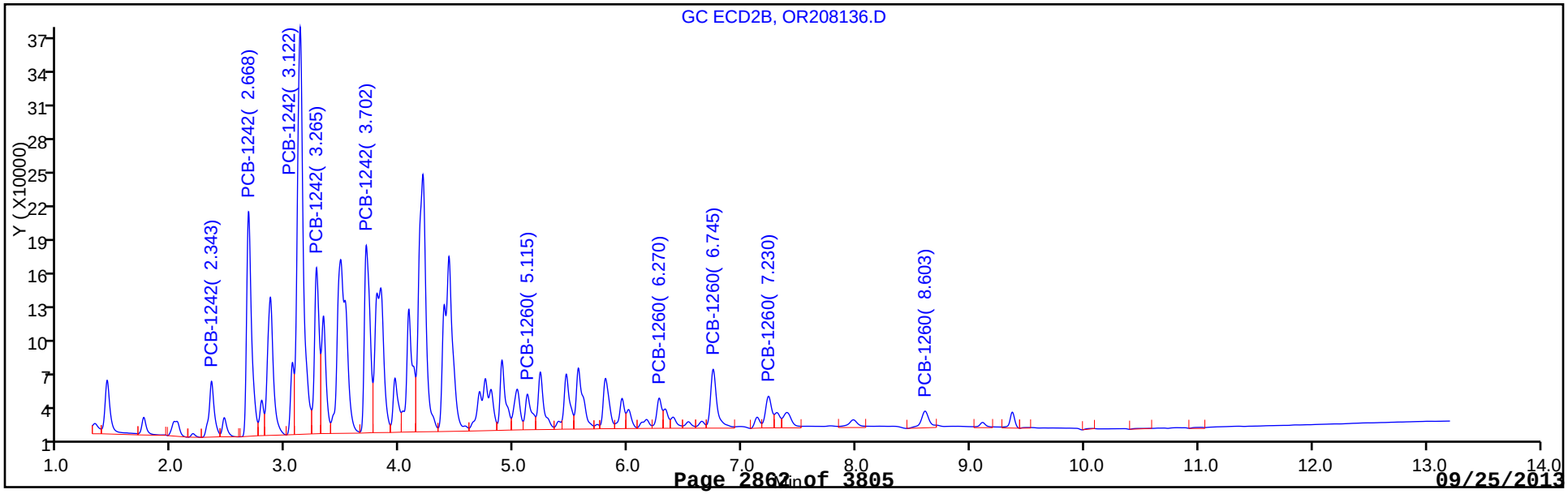
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208136.D

Injection Date:	17-Sep-2013 10:54:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-27SE-SD	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



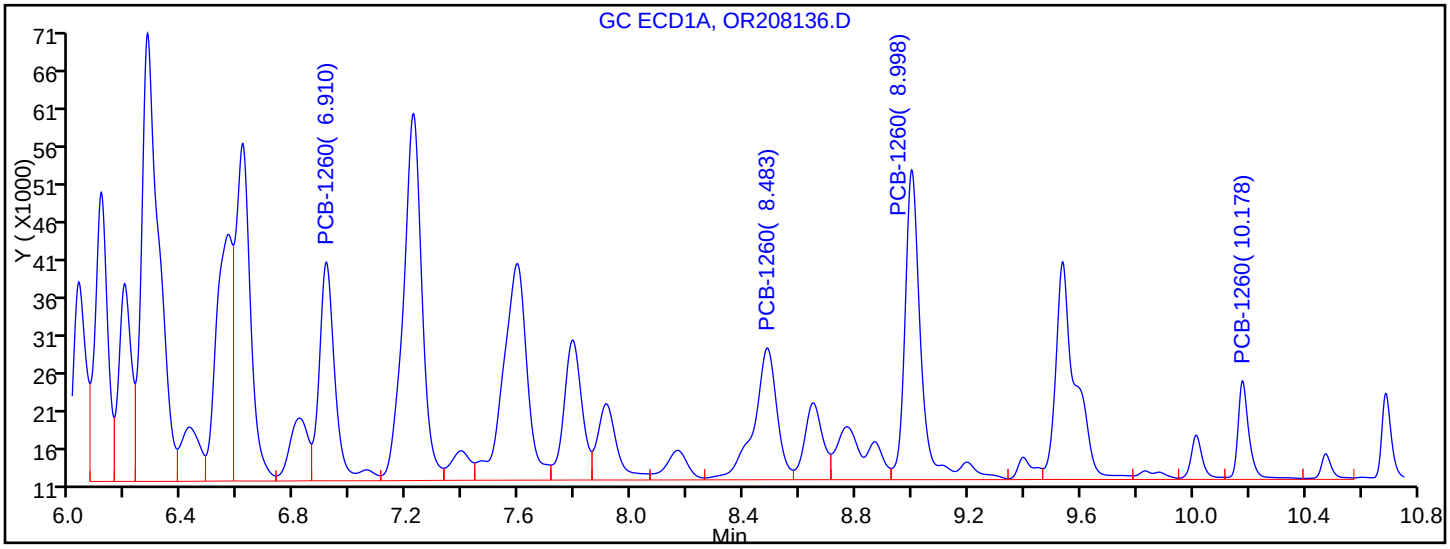
Report Date: 17-Sep-2013 13:32:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208136.D

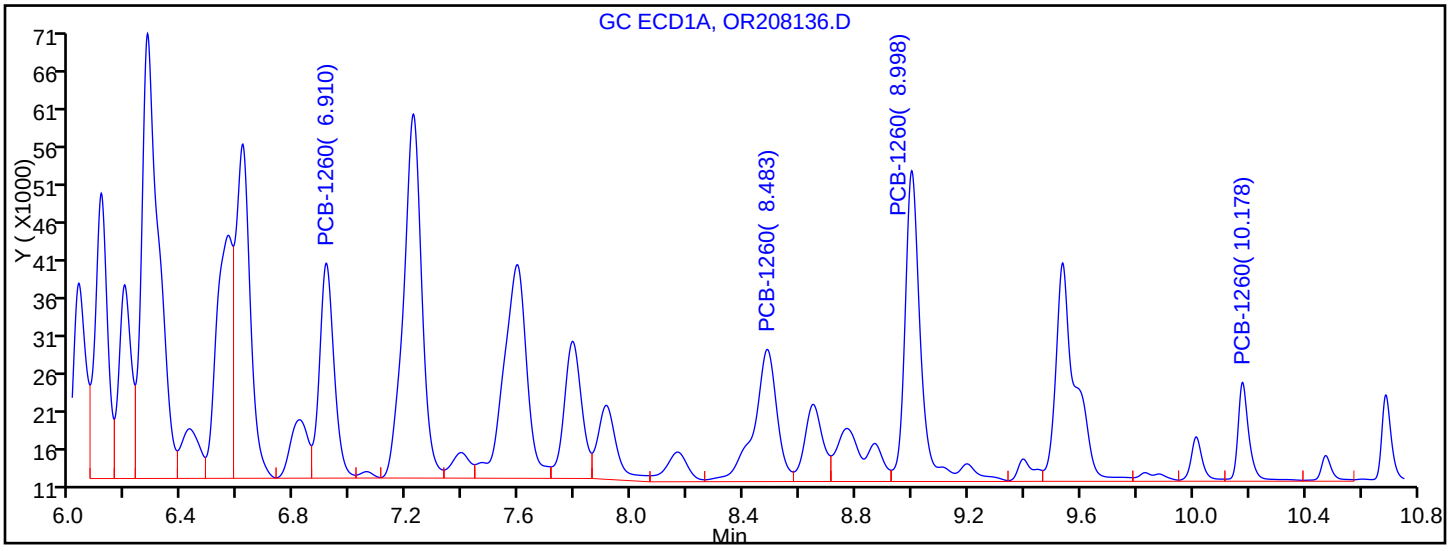
Injection Date:	17-Sep-2013 10:54:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-27SE-SD	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 6.562	Response = 130776	
RT = 6.910	Response = 114356	M
RT = 8.483	Response = 100201	
RT = 8.998	Response = 167232	
RT = 10.178	Response = 36293	



Manual Integration Results

RT = 0.000	Response = 0	
RT = 6.910	Response = 102856	M
RT = 8.483	Response = 100201	
RT = 8.998	Response = 167232	
RT = 10.178	Response = 36293	

Reviewer: patelji, 17-Sep-2013 12:19:11

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SD Lab Sample ID: 460-62968-4

Matrix: Solid Lab File ID: OR208136.D

Analysis Method: 8082 Date Collected: 09/12/2013 09:00

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 10:54

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 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\20130917-4712.b\OR208136.D		
Lims ID:	460-62968-E-4-A	Client ID:	PMP-27SE-SD
Inject. Date:	17-Sep-2013 10:54:30	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004712-010		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	181716	Lims Sample ID:	10
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 13:32:32	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 12:19:11

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	3.090	3.088	0.002	133959	911.9	
1	3.563	3.562	0.001	640699	2221.3	
1	4.105	4.105	0.0	1183018	2235.1	
1	4.277	4.277	0.0	429461	1905.8	
1	0.0	5.412	-5.412	0	0	
		Average of Peak Amounts =			1818.5	
2	2.343	2.343	0.0	161528	746.4	
2	2.668	2.670	-0.002	611039	1869.5	
2	3.122	3.123	-0.001	1340811	1836.2	M
2	3.265	3.265	0.0	428617	1602.5	
2	3.702	3.703	-0.001	575510	1914.1	
		Average of Peak Amounts =			1593.7	
					RPD = 13.18	
10 PCB-1260						M
1	0.0	6.575	-6.575	0	0	
1	6.910	6.920	-0.010	102856	239.2	M
1	8.483	8.497	-0.014	100201	248.9	
1	8.998	9.007	-0.009	167232	246.7	
1	10.178	10.185	-0.007	36293	228.7	
		Average of Peak Amounts =			240.9	
2	5.115	5.118	-0.003	122229	282.2	
2	6.270	6.277	-0.007	85428	210.7	
2	6.745	6.752	-0.007	209490	217.2	
2	7.230	7.238	-0.008	109825	221.1	
2	8.603	8.613	-0.010	74178	244.6	
		Average of Peak Amounts =			235.2	
					RPD = 2.40	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags

QC Flag Legend

Review Flags
M - Manually Integrated

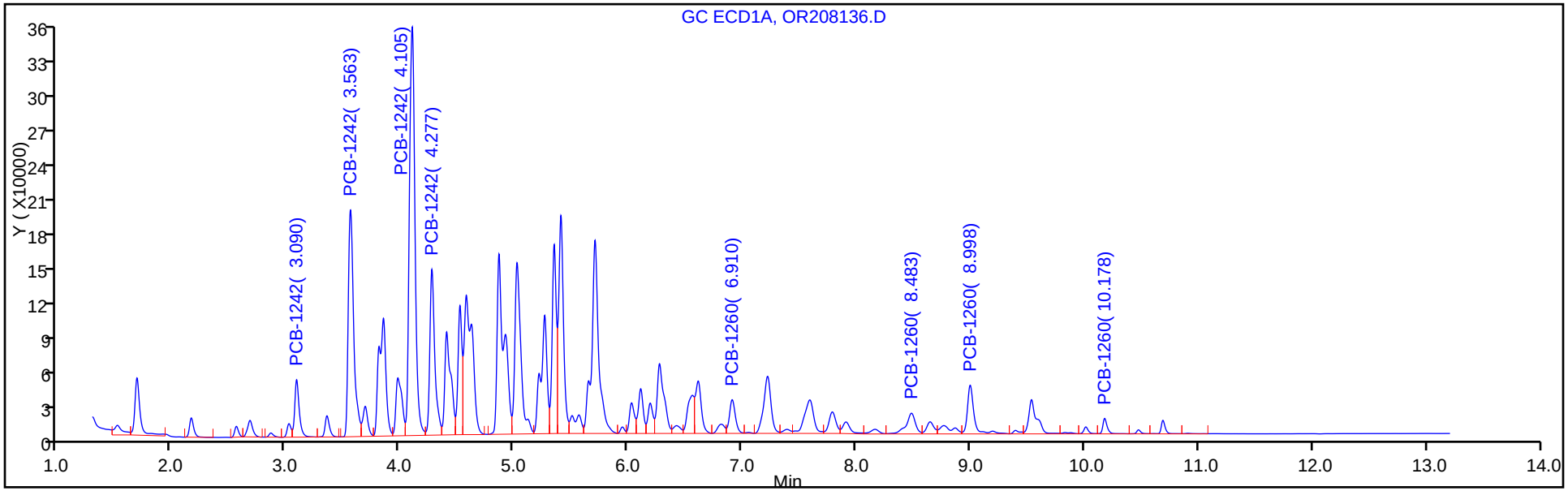
Report Date: 17-Sep-2013 13:32:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

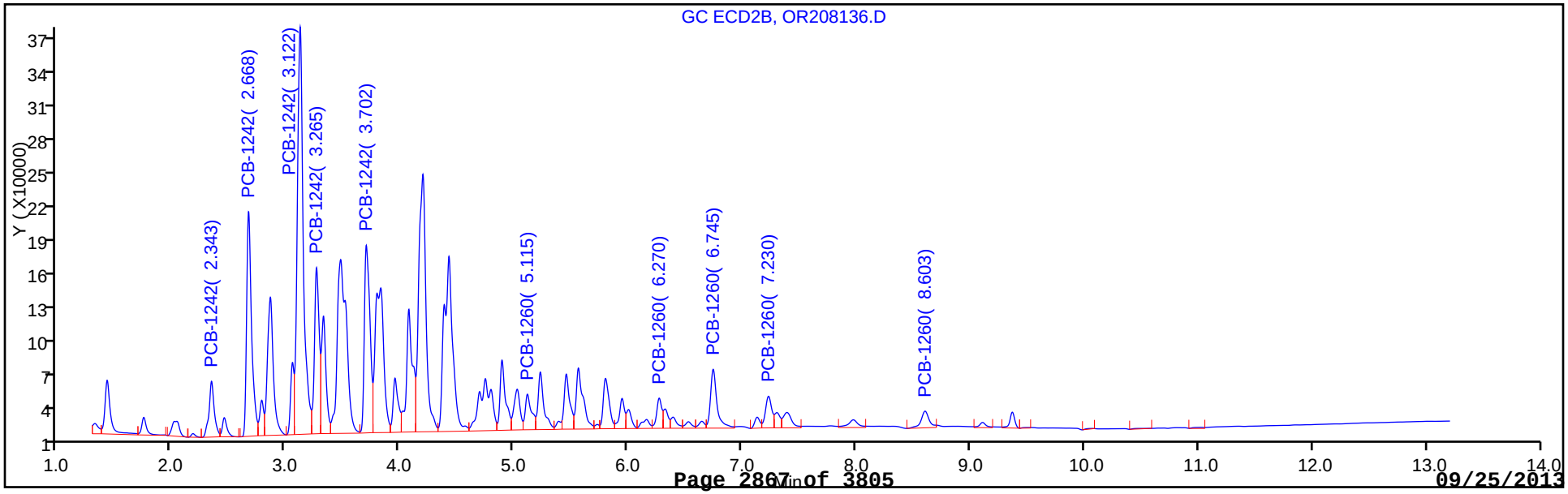
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208136.D

Injection Date:	17-Sep-2013 10:54:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-27SE-SD	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	10
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-VD Lab Sample ID: 460-62968-5

Matrix: Solid Lab File ID: OR208087.D

Analysis Method: 8082 Date Collected: 09/12/2013 09:20

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.02(g) Date Analyzed: 09/16/2013 17:50

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181600 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	79		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208087.D		
Lims ID:	460-62968-E-5-A	Client ID:	PMP-19SE-VD
Inject. Date:	16-Sep-2013 17:50:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-038		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	38
Lims Batch ID:	181600	Lims Sample ID:	38
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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 11:05:04

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.715	10.710	0.005	153295	39.3	
2	9.370	9.377	-0.007	266608	37.8	
					RPD = 3.92	

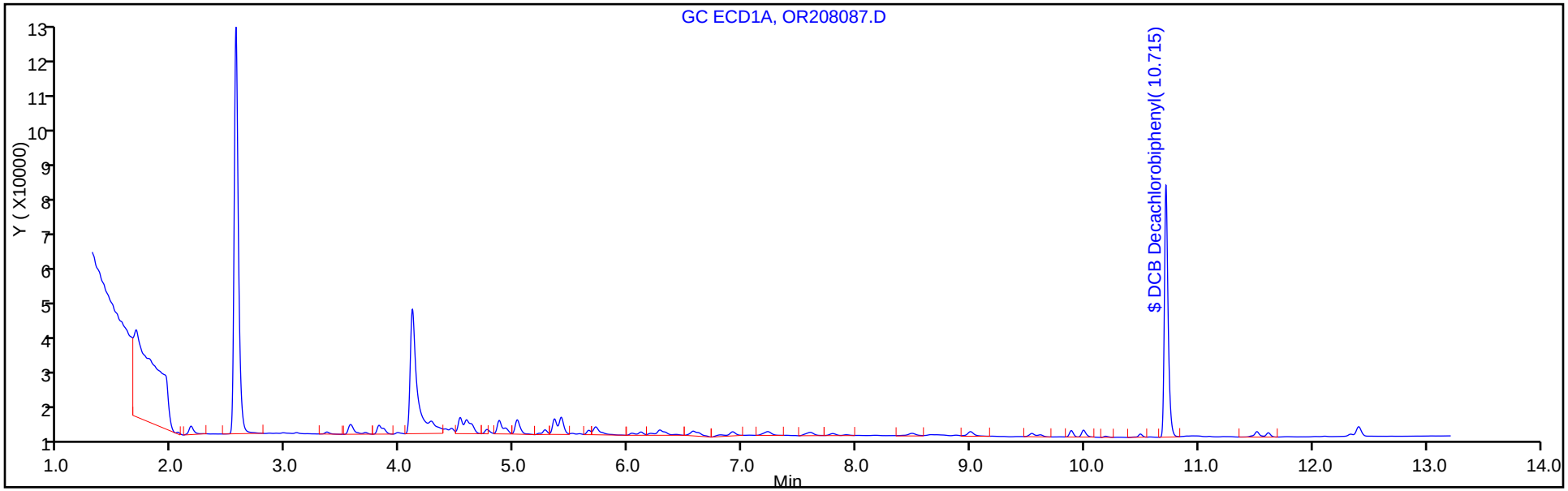
Report Date: 17-Sep-2013 11:34:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

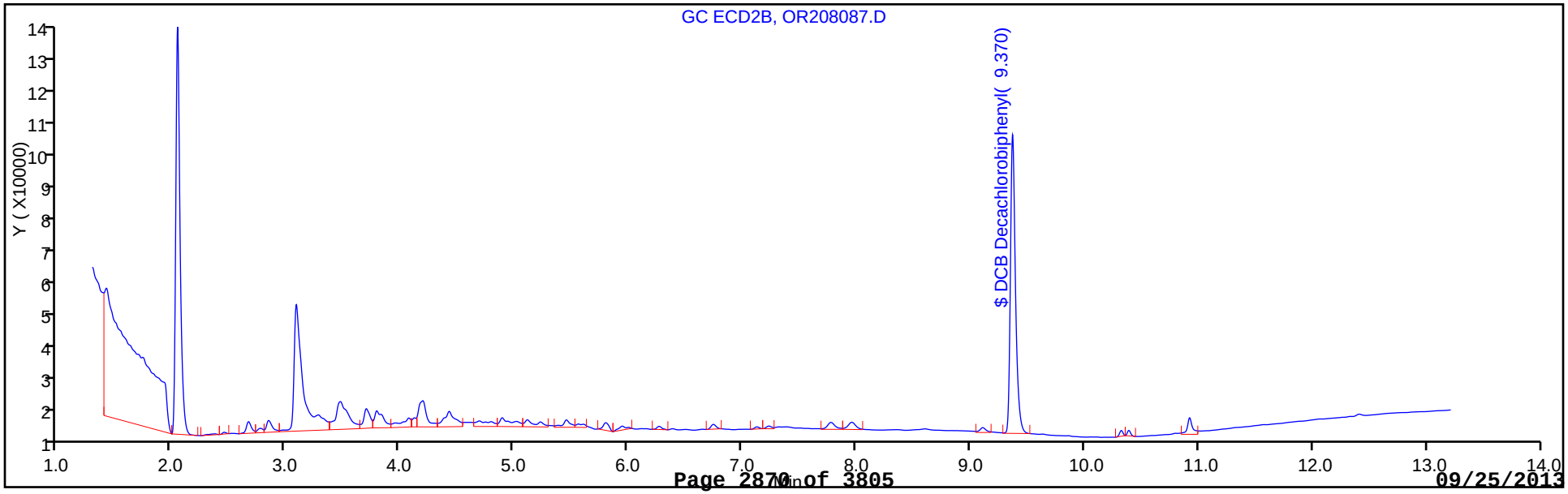
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208087.D

Injection Date:	16-Sep-2013 17:50:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-19SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	38
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-VD | Lab Sample ID: 460-62968-5

Matrix: Solid | Lab File ID: OR208087.D

Analysis Method: 8082 | Date Collected: 09/12/2013 09:20

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.02(g) | Date Analyzed: 09/16/2013 17:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181600 | 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	76		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208087.D		
Lims ID:	460-62968-E-5-A	Client ID:	PMP-19SE-VD
Inject. Date:	16-Sep-2013 17:50:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-038		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	38
Lims Batch ID:	181600	Lims Sample ID:	38
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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 11:05:04

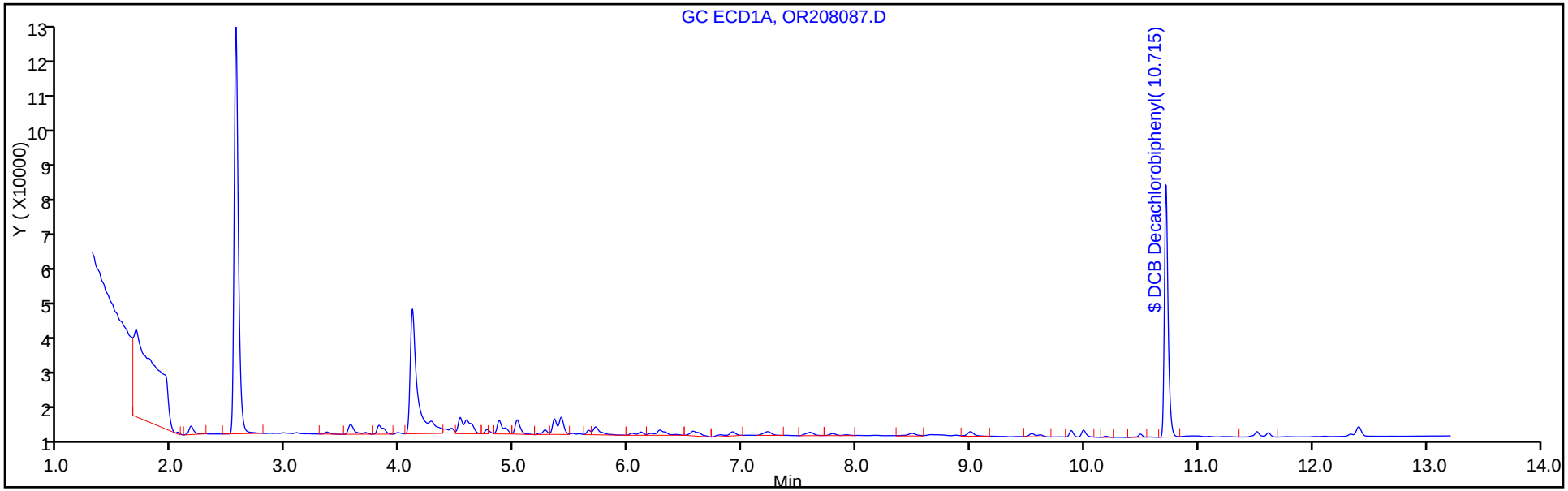
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.715	10.710	0.005	153295	39.3	
2	9.370	9.377	-0.007	266608	37.8	
					RPD = 3.92	

Report Date: 17-Sep-2013 11:34:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

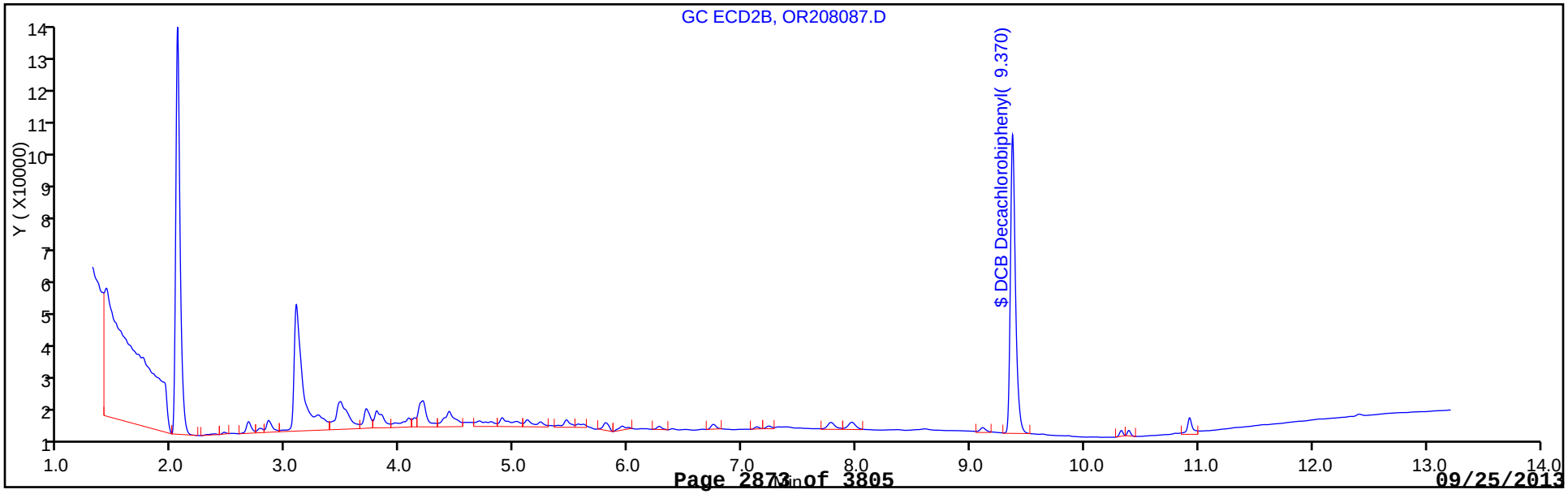
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208087.D		
Injection Date:	16-Sep-2013 17:50:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-19SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	38
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-WT | Lab Sample ID: 460-62968-6

Matrix: Solid | Lab File ID: OR208137.D

Analysis Method: 8082 | Date Collected: 09/12/2013 09:25

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.03(g) | Date Analyzed: 09/17/2013 11:11

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	11000		770	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\20130917-4712.b\OR208137.D
Lims ID: 460-62968-E-6-A Client ID: PMP-19SE-WT
Inject. Date: 17-Sep-2013 11:11:30 Dil. Factor: 10.0000
Sample Type: Client
Sample ID: 460-0004712-011
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 181716 Lims Sample ID: 11
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m
Last Update: 17-Sep-2013 13:32:32 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 12:20:28

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.088	3.088	0.0	201639	1372.7	
1	3.562	3.562	0.0	422440	1464.6	M
1	4.103	4.105	-0.002	777252	1468.5	
1	4.277	4.277	0.0	328261	1456.7	
1	5.408	5.412	-0.004	342937	1578.8	M
		Average of Peak Amounts =			1468.3	
2	2.342	2.343	-0.001	247453	1143.4	
2	2.668	2.670	-0.002	402928	1232.8	
2	3.122	3.123	-0.001	907514	1242.8	M
2	3.263	3.265	-0.002	345562	1292.0	
2	3.702	3.703	-0.001	386247	1284.7	
		Average of Peak Amounts =			1239.1	
					RPD = 16.93	
10 PCB-1260						
1	0.0	6.575	-6.575	0	0	
1	6.912	6.920	-0.008	46120	107.3	M
1	8.485	8.497	-0.012	32176	79.9	M
1	9.000	9.007	-0.007	55530	81.9	M
1	10.187	10.185	0.002	13383	84.3	M
		Average of Peak Amounts =			88.4	
2	0.0	5.118	-5.118	0	0	
2	6.270	6.277	-0.007	37320	92.1	M
2	6.743	6.752	-0.009	87800	91.0	
2	7.230	7.238	-0.008	43273	87.1	
2	8.603	8.613	-0.010	33715	111.2	
		Average of Peak Amounts =			95.3	
					RPD = 7.60	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags

QC Flag Legend

Review Flags
M - Manually Integrated

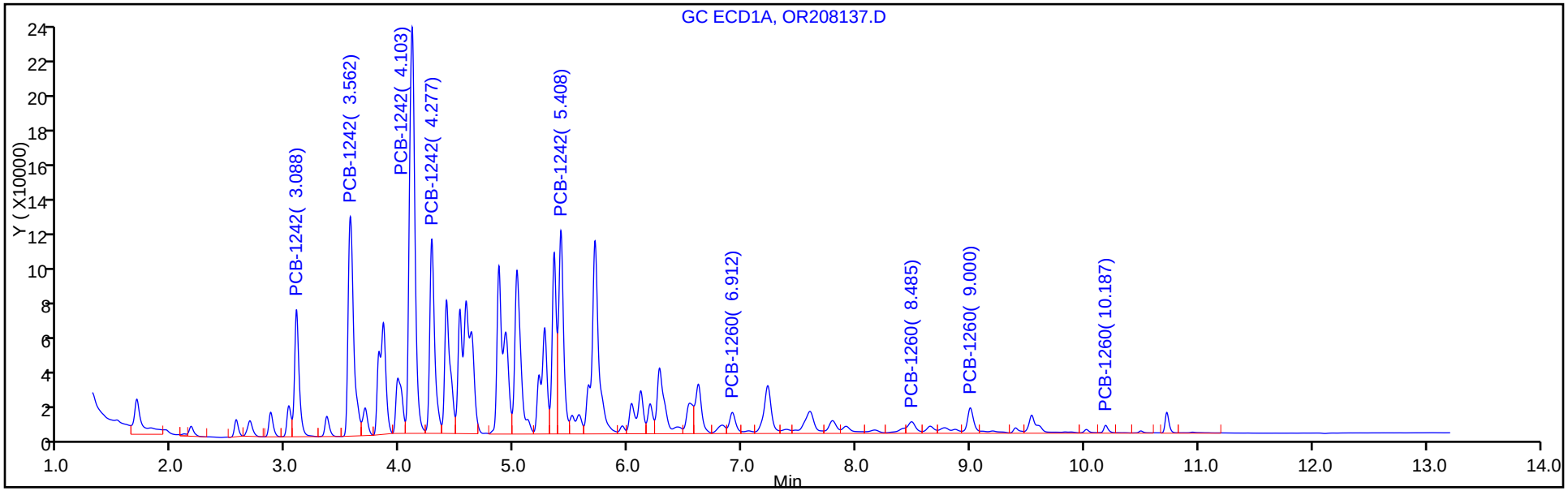
Report Date: 17-Sep-2013 13:32:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

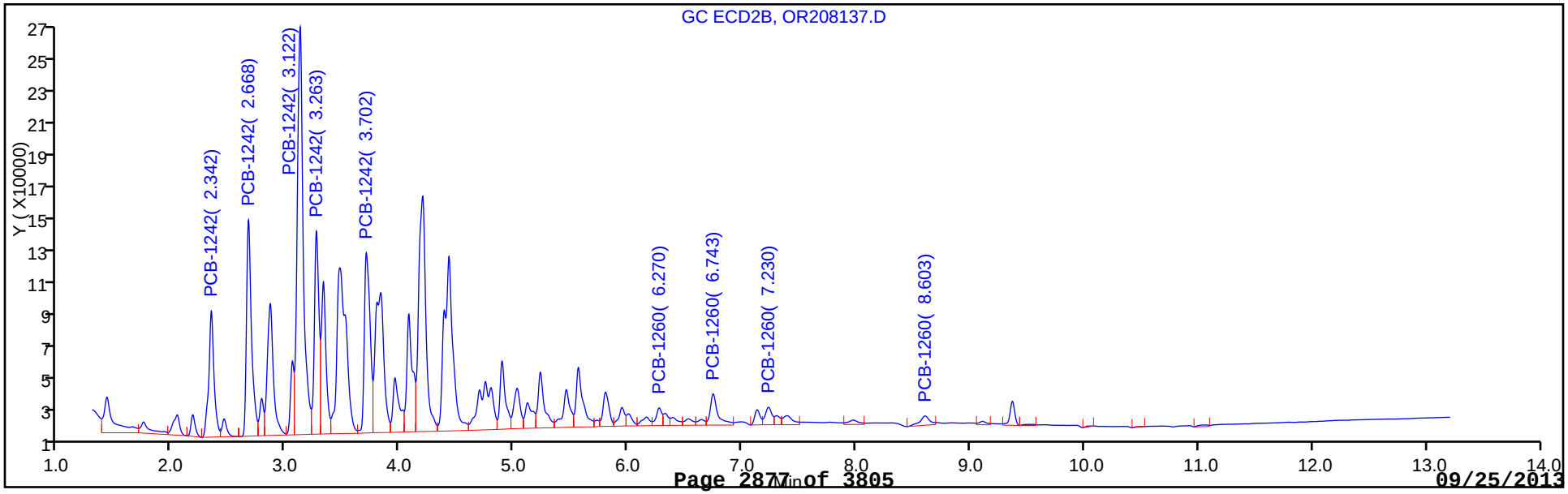
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208137.D

Injection Date:	17-Sep-2013 11:11:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-19SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



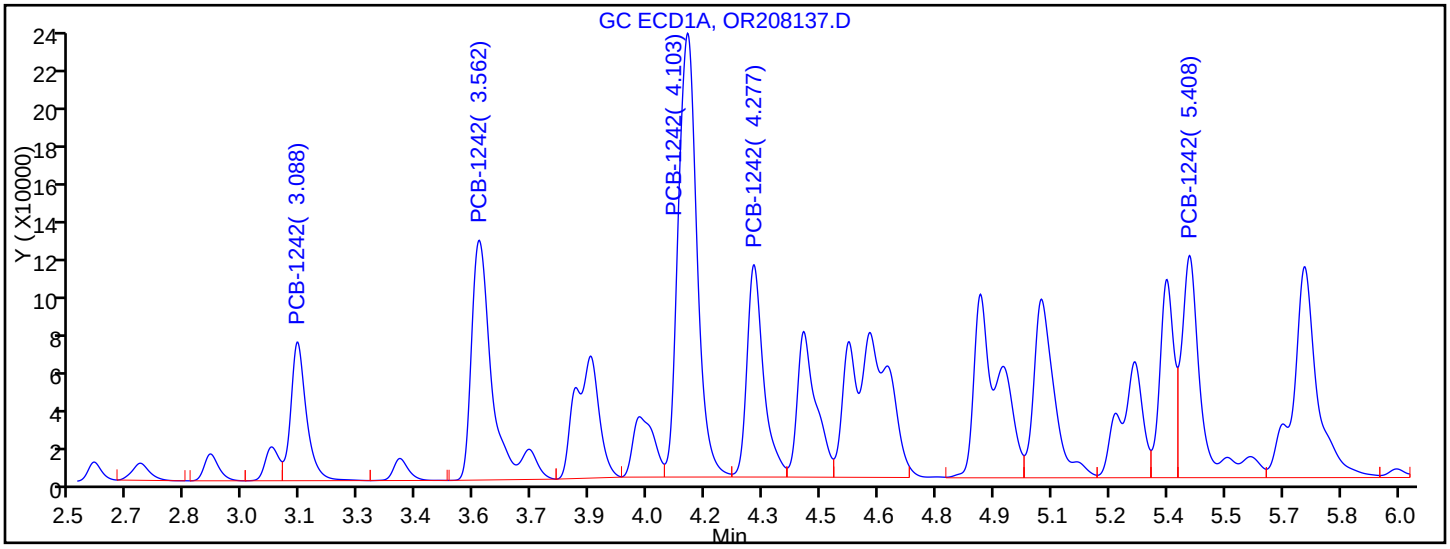
Report Date: 17-Sep-2013 13:32:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208137.D

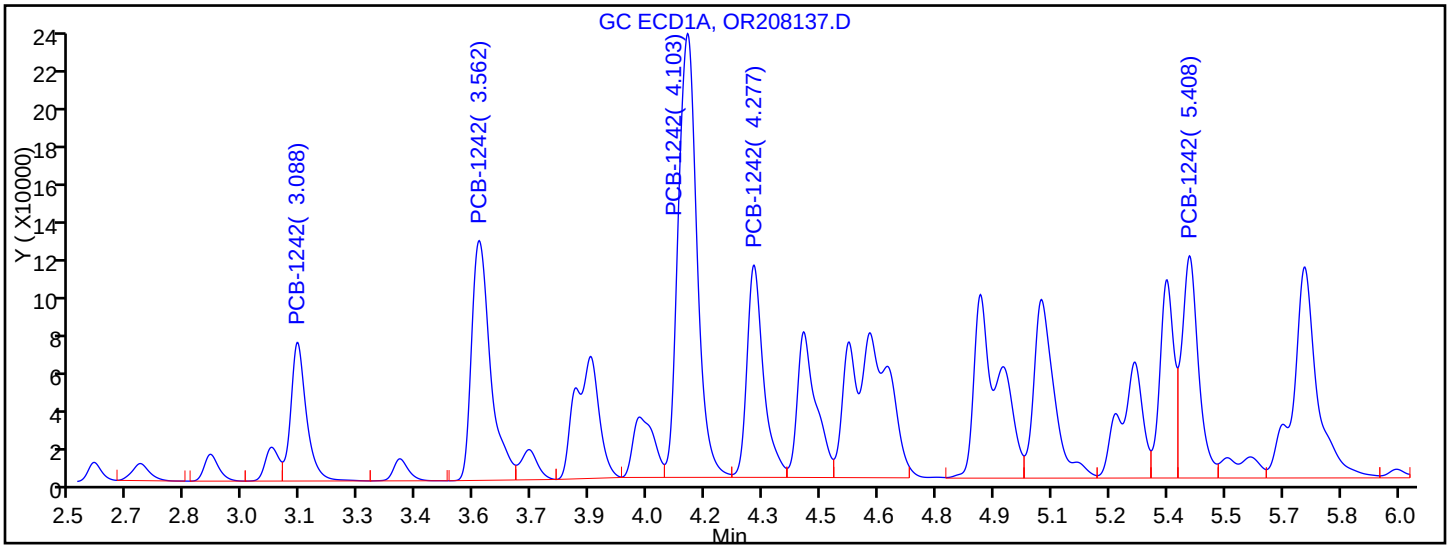
Injection Date:	17-Sep-2013 11:11:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-19SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.088	Response = 201639	
RT = 3.562	Response = 469484	M
RT = 4.103	Response = 777252	
RT = 4.277	Response = 328261	
RT = 5.408	Response = 406513	M



Manual Integration Results

RT = 3.088	Response = 201639	
RT = 3.562	Response = 422440	M
RT = 4.103	Response = 777252	
RT = 4.277	Response = 328261	
RT = 5.408	Response = 342937	M

Reviewer: patelji, 17-Sep-2013 12:20:28

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-WT Lab Sample ID: 460-62968-6

Matrix: Solid Lab File ID: OR208137.D

Analysis Method: 8082 Date Collected: 09/12/2013 09:25

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.03(g) Date Analyzed: 09/17/2013 11:11

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	170	U	770	170
11104-28-2	Aroclor 1221	170	U	770	170
11141-16-5	Aroclor 1232	170	U	770	170
12672-29-6	Aroclor 1248	170	U	770	170
11097-69-1	Aroclor 1254	220	U	770	220
11096-82-5	Aroclor 1260	730	J	770	220
37324-23-5	Aroclor 1262	220	U	770	220
11100-14-4	Aroclor 1268	220	U	770	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\20130917-4712.b\OR208137.D
Lims ID: 460-62968-E-6-A Client ID: PMP-19SE-WT
Inject. Date: 17-Sep-2013 11:11:30 Dil. Factor: 10.0000
Sample Type: Client
Sample ID: 460-0004712-011
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 181716 Lims Sample ID: 11
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m
Last Update: 17-Sep-2013 13:32:32 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 12:20:28

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.088	3.088	0.0	201639	1372.7	
1	3.562	3.562	0.0	422440	1464.6	M
1	4.103	4.105	-0.002	777252	1468.5	
1	4.277	4.277	0.0	328261	1456.7	
1	5.408	5.412	-0.004	342937	1578.8	M
		Average of Peak Amounts =			1468.3	
2	2.342	2.343	-0.001	247453	1143.4	
2	2.668	2.670	-0.002	402928	1232.8	
2	3.122	3.123	-0.001	907514	1242.8	M
2	3.263	3.265	-0.002	345562	1292.0	
2	3.702	3.703	-0.001	386247	1284.7	
		Average of Peak Amounts =			1239.1	
					RPD = 16.93	
10 PCB-1260						
1	0.0	6.575	-6.575	0	0	
1	6.912	6.920	-0.008	46120	107.3	M
1	8.485	8.497	-0.012	32176	79.9	M
1	9.000	9.007	-0.007	55530	81.9	M
1	10.187	10.185	0.002	13383	84.3	M
		Average of Peak Amounts =			88.4	
2	0.0	5.118	-5.118	0	0	
2	6.270	6.277	-0.007	37320	92.1	M
2	6.743	6.752	-0.009	87800	91.0	
2	7.230	7.238	-0.008	43273	87.1	
2	8.603	8.613	-0.010	33715	111.2	
		Average of Peak Amounts =			95.3	
					RPD = 7.60	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags

QC Flag Legend

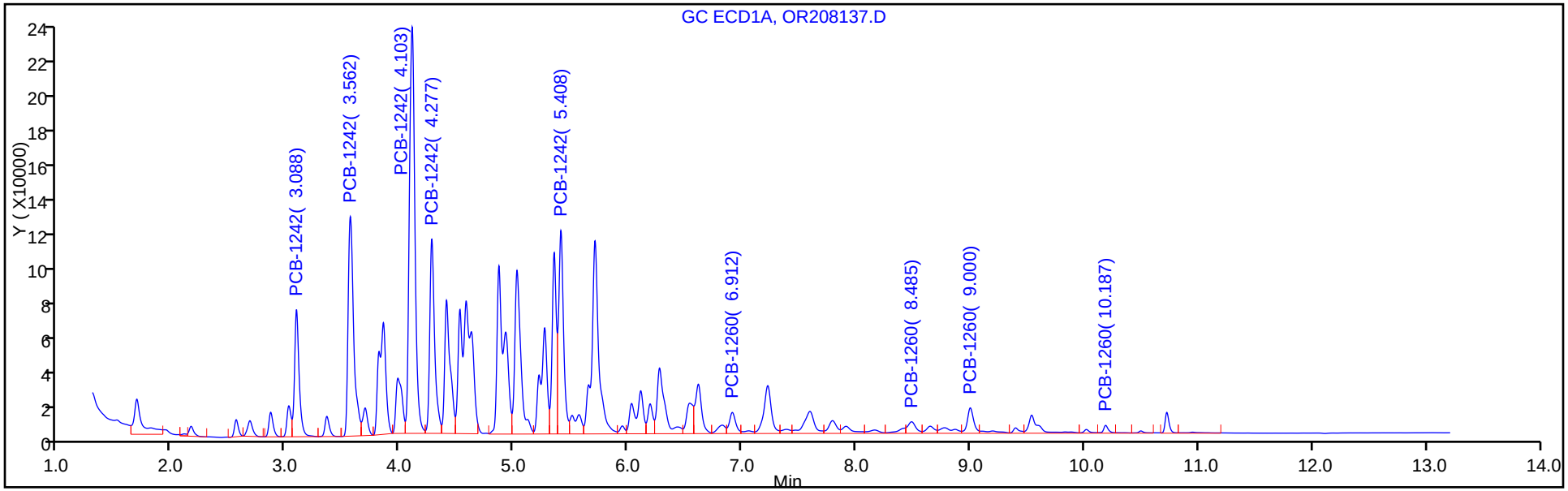
Review Flags
M - Manually Integrated

Report Date: 17-Sep-2013 13:32:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

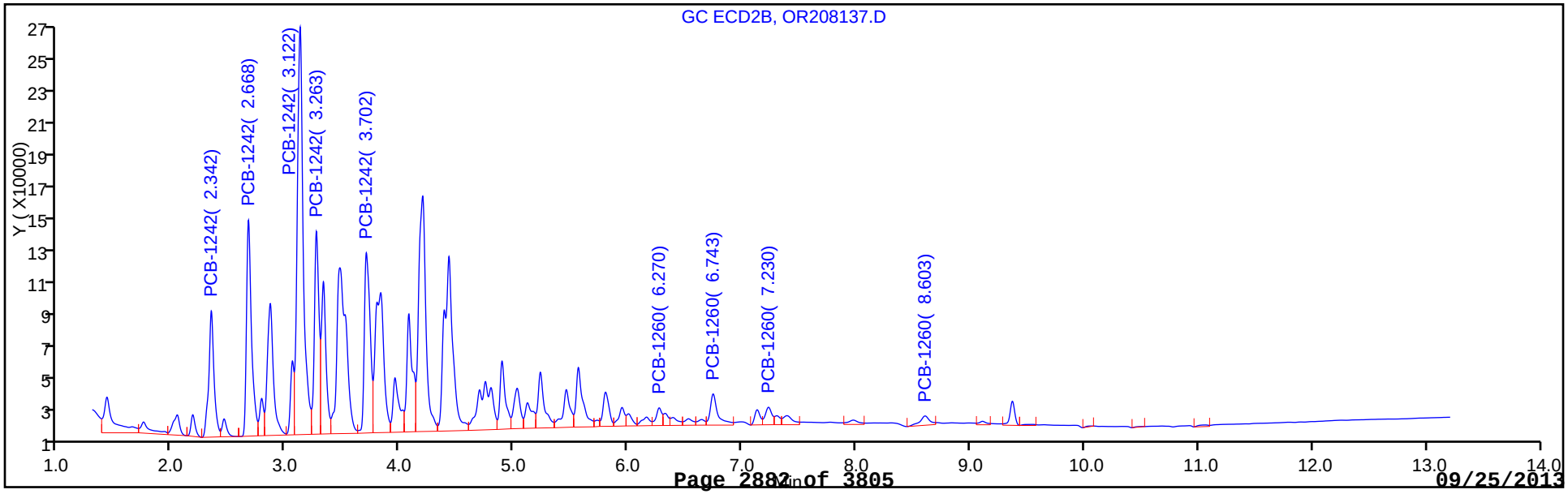
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208137.D		
Injection Date:	17-Sep-2013 11:11:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-19SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



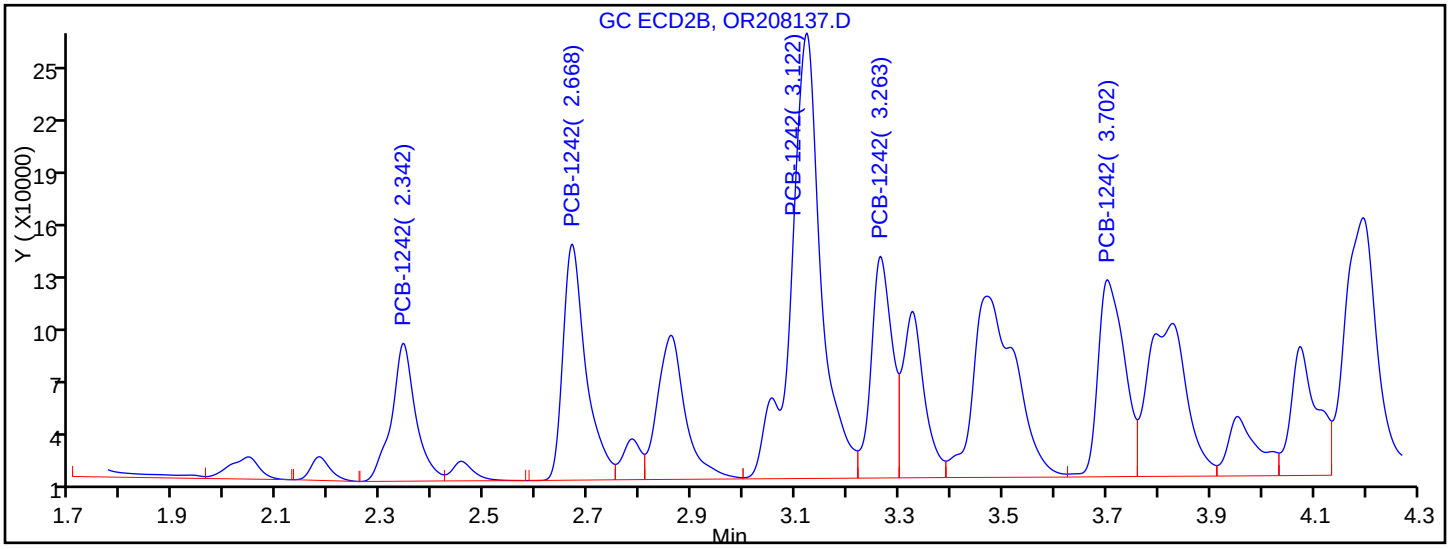
Report Date: 17-Sep-2013 13:32:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208137.D

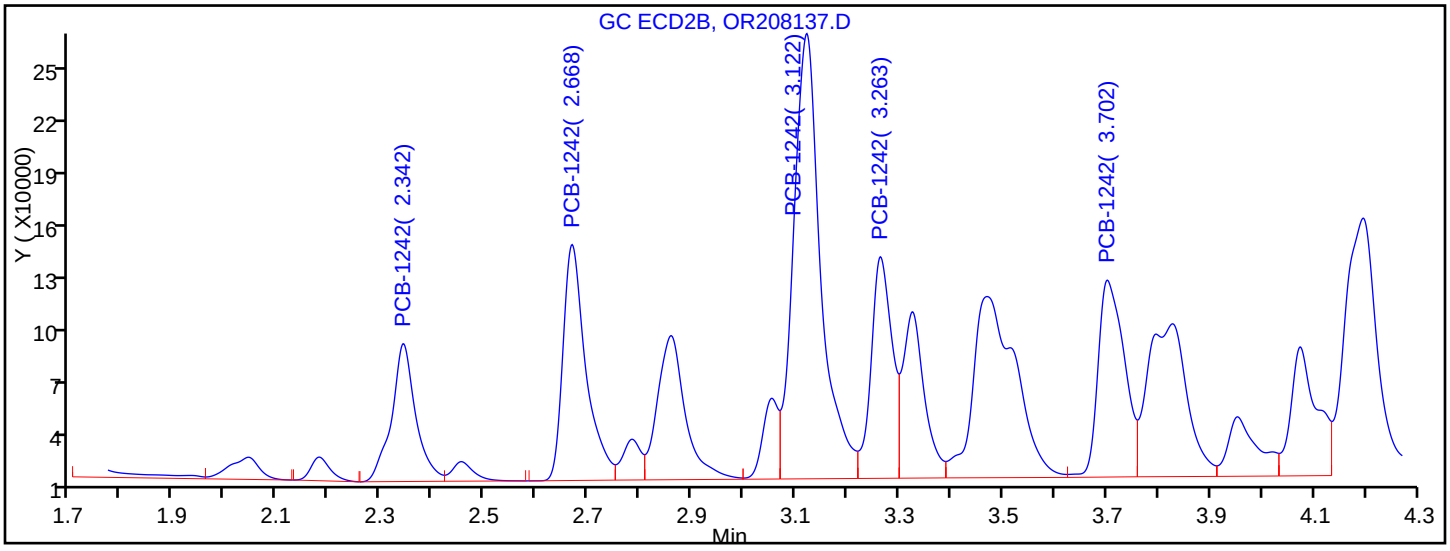
Injection Date:	17-Sep-2013 11:11:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-19SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.342	Response = 247453	
RT = 2.668	Response = 402928	
RT = 3.122	Response = 1001602	M
RT = 3.263	Response = 345562	
RT = 3.702	Response = 386247	



Manual Integration Results

RT = 2.342	Response = 247453	
RT = 2.668	Response = 402928	
RT = 3.122	Response = 907514	M
RT = 3.263	Response = 345562	
RT = 3.702	Response = 386247	

Reviewer: patelji, 17-Sep-2013 12:20:28

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-SI Lab Sample ID: 460-62968-7

Matrix: Solid Lab File ID: OR208089.D

Analysis Method: 8082 Date Collected: 09/12/2013 09:30

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.01(g) Date Analyzed: 09/16/2013 18:22

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181600 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\20130915-4643.b\OR208089.D		
Lims ID:	460-62968-E-7-A	Client ID:	PMP-19SE-SI
Inject. Date:	16-Sep-2013 18:22:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-040		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	40
Lims Batch ID:	181600	Lims Sample ID:	40
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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 11:05:27

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.710	10.710	0.0	190205	48.8	
2	9.372	9.377	-0.005	330950	46.9	
					RPD = 3.87	

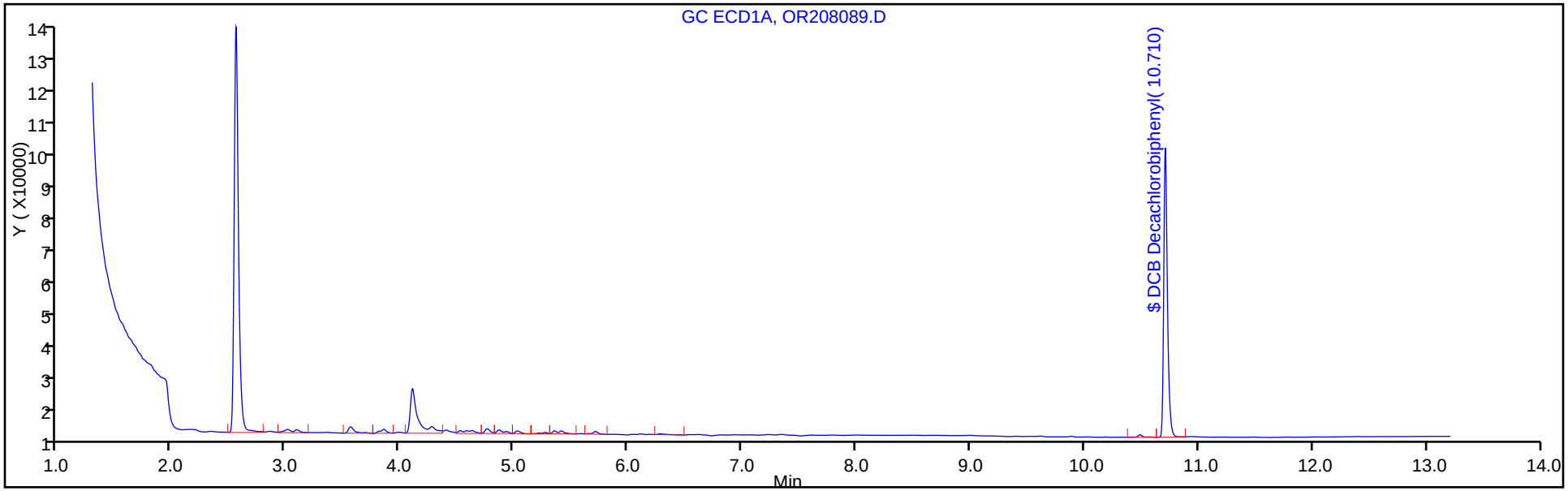
Report Date: 17-Sep-2013 11:34:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

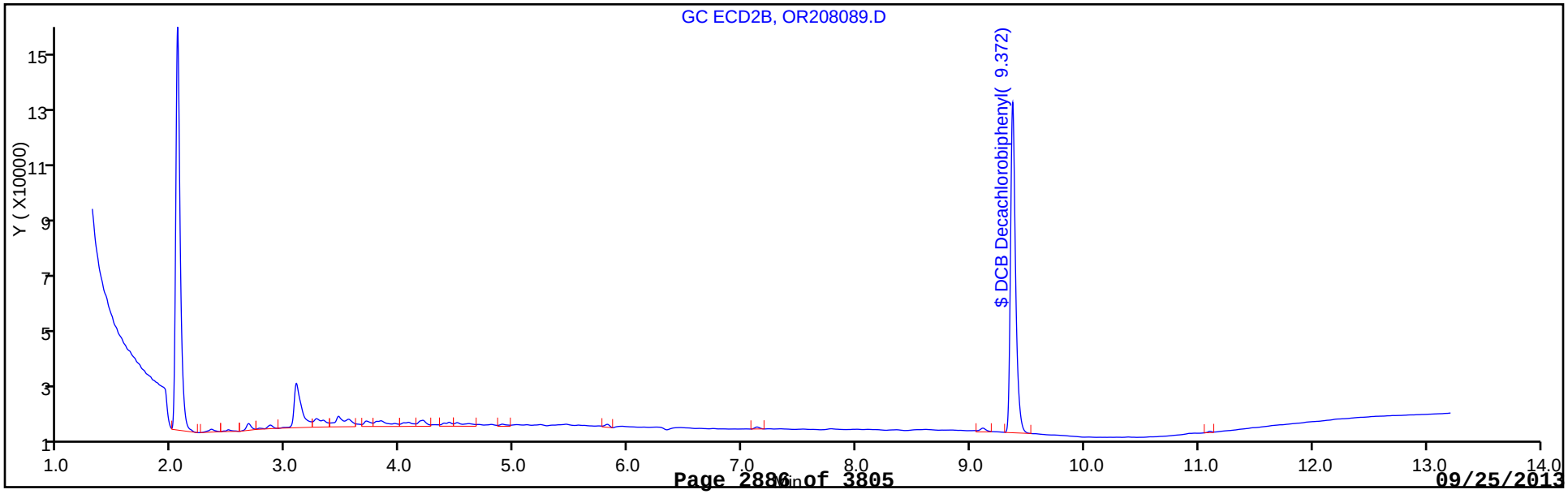
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208089.D

Injection Date:	16-Sep-2013 18:22:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-19SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-SI Lab Sample ID: 460-62968-7

Matrix: Solid Lab File ID: OR208089.D

Analysis Method: 8082 Date Collected: 09/12/2013 09:30

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.01(g) Date Analyzed: 09/16/2013 18:22

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181600 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	17	U	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	94		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208089.D		
Lims ID:	460-62968-E-7-A	Client ID:	PMP-19SE-SI
Inject. Date:	16-Sep-2013 18:22:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-040		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	40
Lims Batch ID:	181600	Lims Sample ID:	40
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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 11:05:27

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.710	10.710	0.0	190205	48.8	
2	9.372	9.377	-0.005	330950	46.9	
					RPD = 3.87	

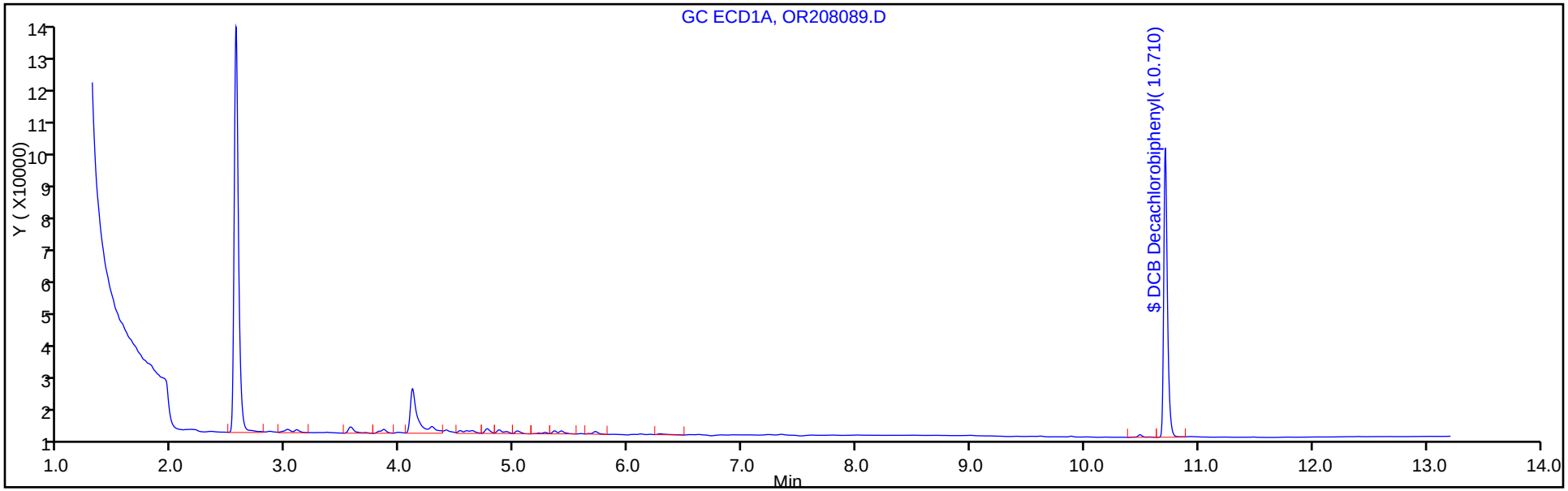
Report Date: 17-Sep-2013 11:34:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

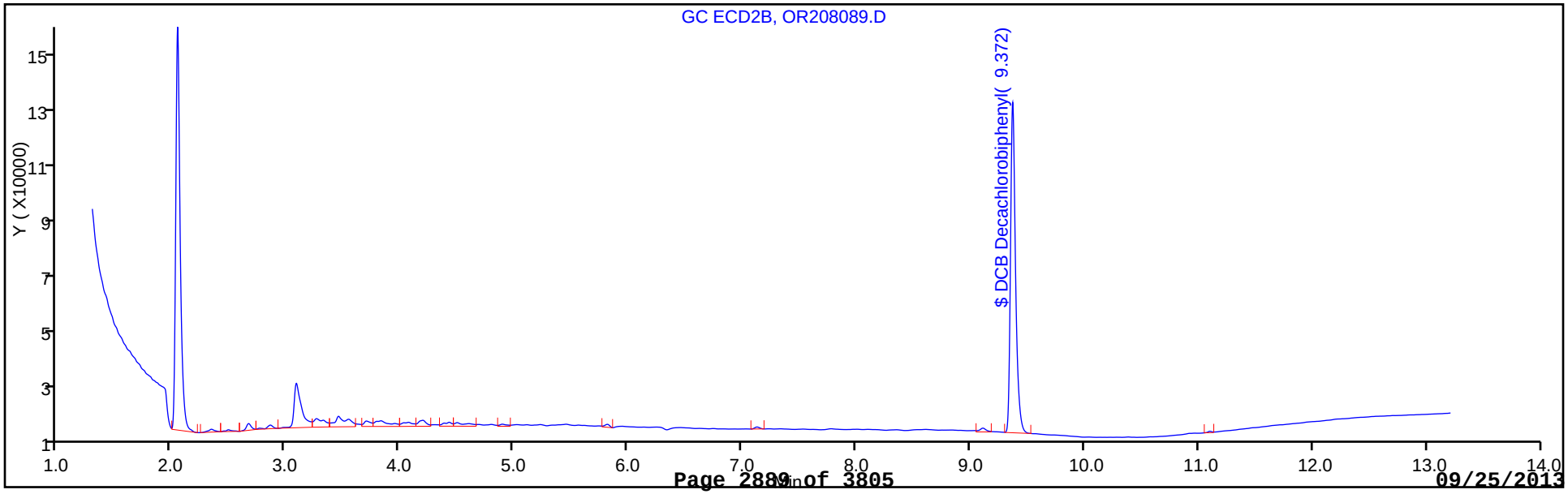
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208089.D

Injection Date:	16-Sep-2013 18:22:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-19SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-VD Lab Sample ID: 460-62968-8

Matrix: Solid Lab File ID: OR208090.D

Analysis Method: 8082 Date Collected: 09/12/2013 10:00

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.02(g) Date Analyzed: 09/16/2013 18:38

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 7.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181600 Units: ug/Kg

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\20130915-4643.b\OR208090.D		
Lims ID:	460-62968-E-8-A	Client ID:	PMP-26SE-VD
Inject. Date:	16-Sep-2013 18:38:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-041		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	41
Lims Batch ID:	181600	Lims Sample ID:	41
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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 11:05:35

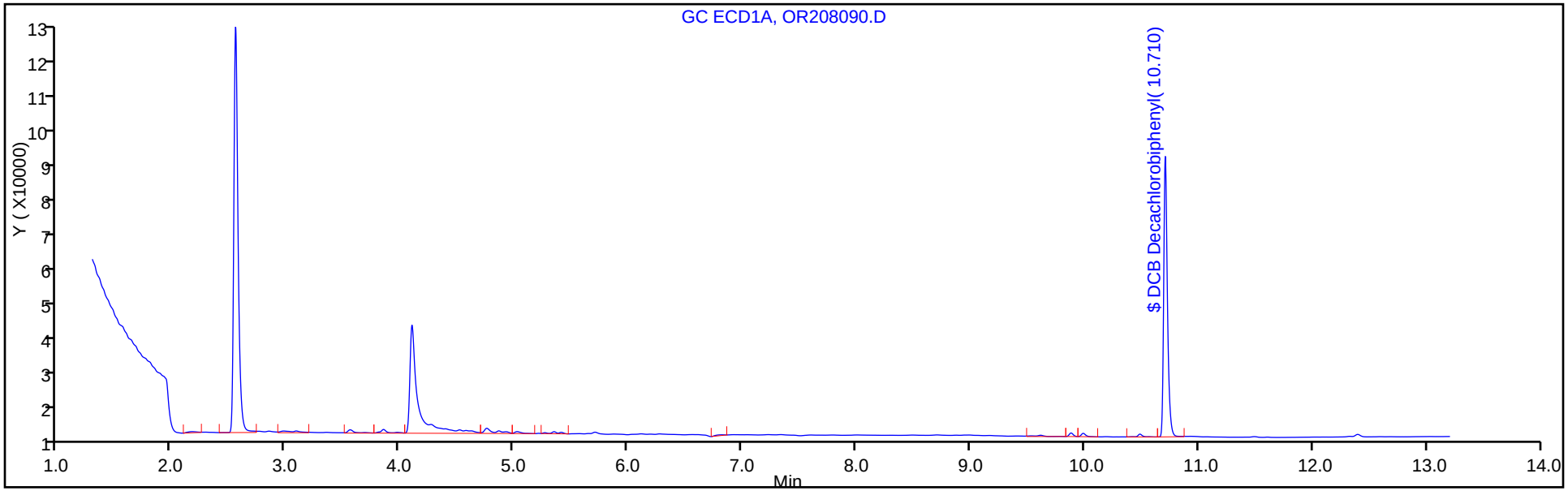
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.710	10.710	0.0	170597	43.8	
2	9.370	9.377	-0.007	295918	42.0	
					RPD = 4.18	

Report Date: 17-Sep-2013 11:34:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

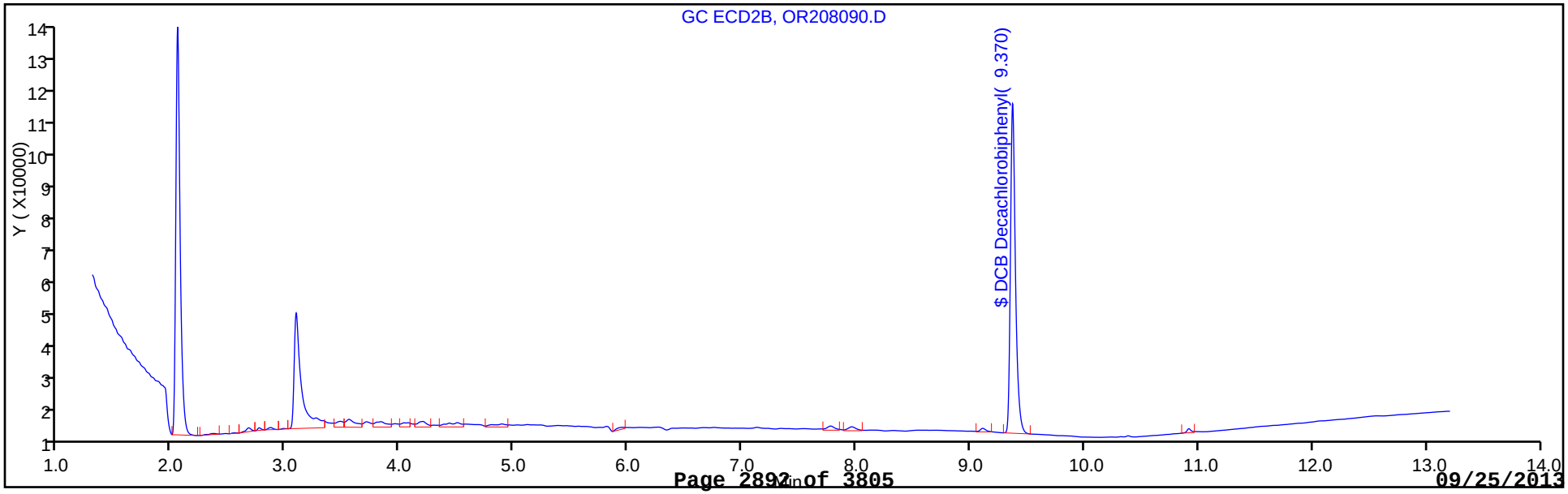
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208090.D		
Injection Date:	16-Sep-2013 18:38:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-26SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-VD | Lab Sample ID: 460-62968-8

Matrix: Solid | Lab File ID: OR208090.D

Analysis Method: 8082 | Date Collected: 09/12/2013 10:00

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.02(g) | Date Analyzed: 09/16/2013 18:38

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 7.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181600 | 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	84		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208090.D		
Lims ID:	460-62968-E-8-A	Client ID:	PMP-26SE-VD
Inject. Date:	16-Sep-2013 18:38:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-041		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	41
Lims Batch ID:	181600	Lims Sample ID:	41
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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 11:05:35

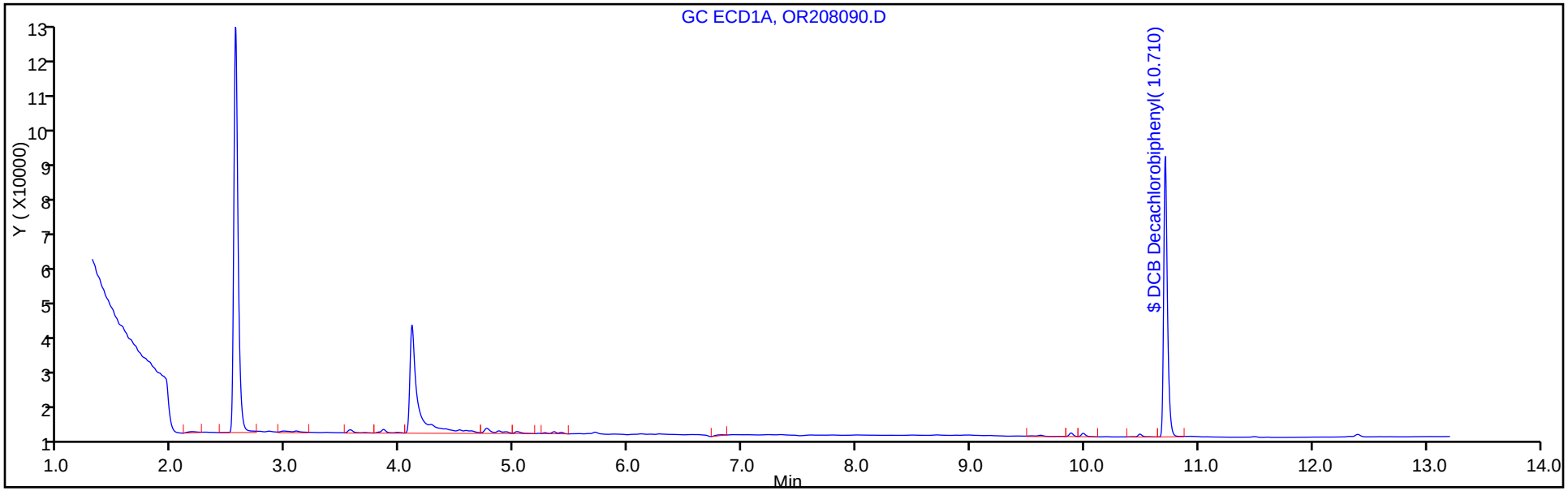
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.710	10.710	0.0	170597	43.8	
2	9.370	9.377	-0.007	295918	42.0	
					RPD = 4.18	

Report Date: 17-Sep-2013 11:34:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

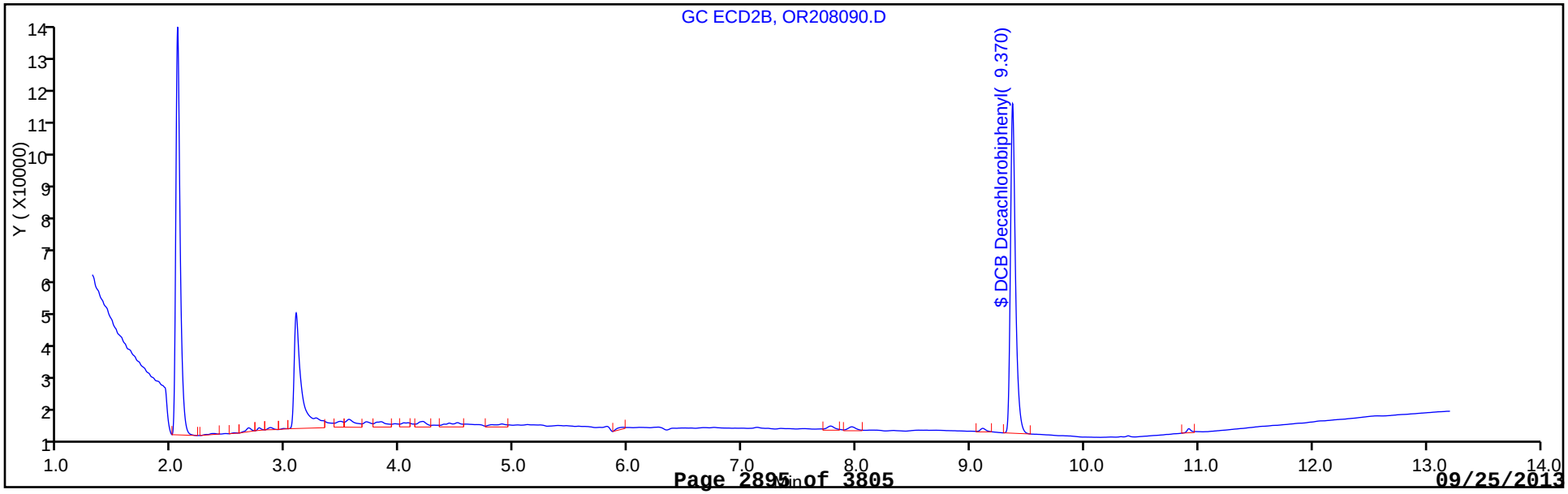
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208090.D		
Injection Date:	16-Sep-2013 18:38:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-26SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-WT | Lab Sample ID: 460-62968-9

Matrix: Solid | Lab File ID: OR208142.D

Analysis Method: 8082 | Date Collected: 09/12/2013 10:05

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.04(g) | Date Analyzed: 09/17/2013 12:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	21000		1500	340

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\20130917-4712.b\OR208142.D		
Lims ID:	460-62968-E-9-A	Client ID:	PMP-26SE-WT
Inject. Date:	17-Sep-2013 12:33:30	Dil. Factor:	20.0000
Sample Type:	Client		
Sample ID:	460-0004712-016		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	181716	Lims Sample ID:	16
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 13:32:32	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 13:03:13

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
3 PCB-1248						M
1	3.562	3.558	0.004	358127	2435.8	M
1	4.103	4.103	0.0	612115	1843.5	
1	4.523	4.523	0.0	152427	812.3	M
1	5.350	5.352	-0.002	220288	843.8	M
1	5.408	5.410	-0.002	304711	929.7	M
		Average of Peak Amounts =			1373.0	
2	2.667	2.668	-0.001	352815	1938.4	
2	3.118	3.122	-0.004	753715	1741.2	M
2	3.700	3.703	-0.003	353645	854.9	M
2	4.197	4.200	-0.003	617655	828.4	M
2	4.427	4.430	-0.003	340055	719.9	M
		Average of Peak Amounts =			1216.6	
					RPD = 12.08	

QC Flag Legend

Review Flags
M - Manually Integrated

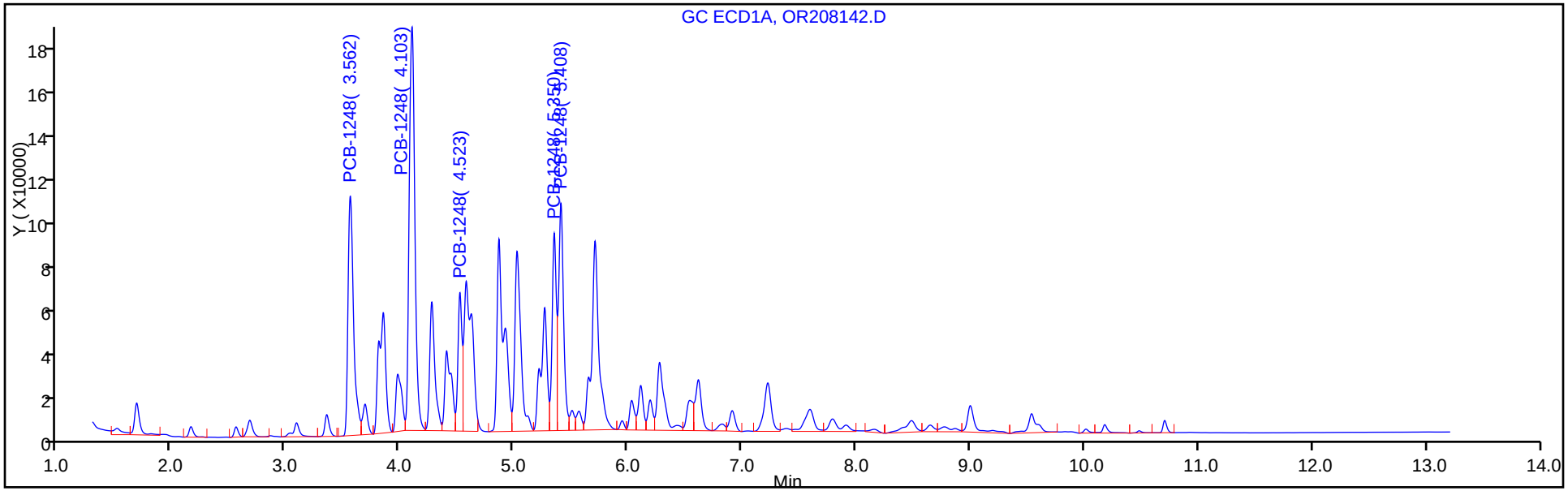
Report Date: 17-Sep-2013 13:32:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

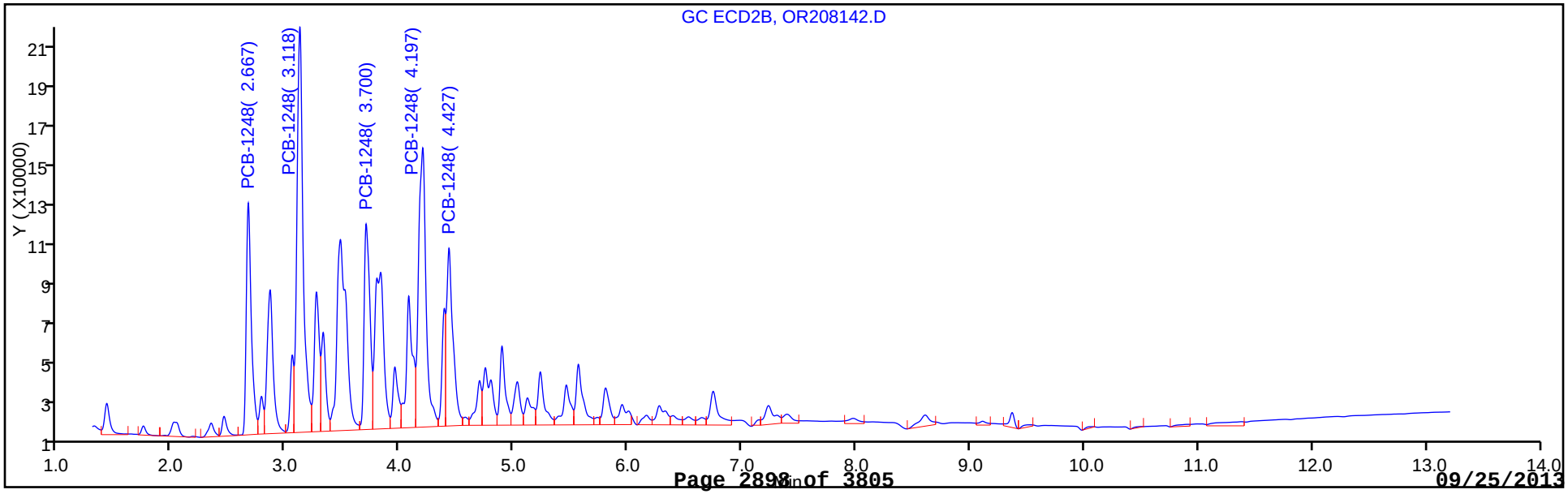
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208142.D

Injection Date:	17-Sep-2013 12:33:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-26SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



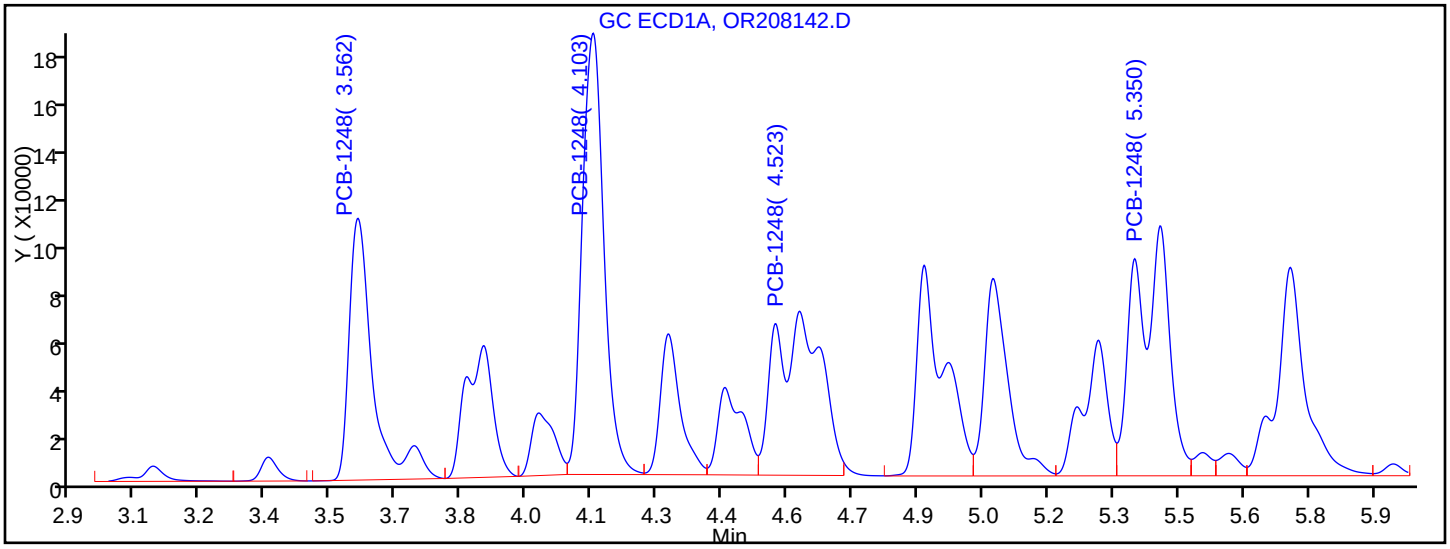
Report Date: 17-Sep-2013 13:32:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208142.D

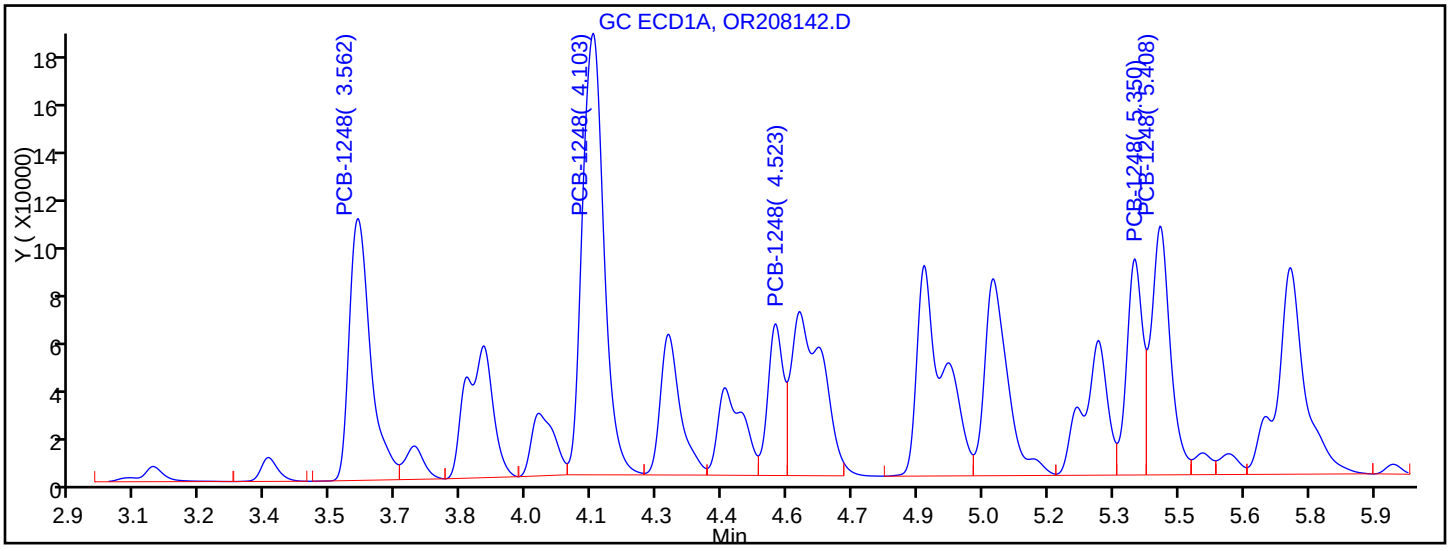
Injection Date:	17-Sep-2013 12:33:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-26SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1248, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.562	Response = 398000	M
RT = 4.103	Response = 612115	
RT = 4.523	Response = 478387	M
RT = 5.350	Response = 530071	M
RT = 0.000	Response = 0	M



Manual Integration Results

RT = 3.562	Response = 358127	M
RT = 4.103	Response = 612115	
RT = 4.523	Response = 152427	M
RT = 5.350	Response = 220288	M
RT = 5.408	Response = 304711	M

Reviewer: patelji, 17-Sep-2013 13:03:13

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-WT Lab Sample ID: 460-62968-9

Matrix: Solid Lab File ID: OR208142.D

Analysis Method: 8082 Date Collected: 09/12/2013 10:05

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.04(g) Date Analyzed: 09/17/2013 12:33

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	340	U	1500	340
11104-28-2	Aroclor 1221	340	U	1500	340
11141-16-5	Aroclor 1232	340	U	1500	340
53469-21-9	Aroclor 1242	340	U	1500	340
11097-69-1	Aroclor 1254	430	U	1500	430
11096-82-5	Aroclor 1260	430	U	1500	430
37324-23-5	Aroclor 1262	430	U	1500	430
11100-14-4	Aroclor 1268	430	U	1500	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\20130917-4712.b\OR208142.D		
Lims ID:	460-62968-E-9-A	Client ID:	PMP-26SE-WT
Inject. Date:	17-Sep-2013 12:33:30	Dil. Factor:	20.0000
Sample Type:	Client		
Sample ID:	460-0004712-016		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	181716	Lims Sample ID:	16
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 13:32:32	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 13:03:13

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
3 PCB-1248						M
1	3.562	3.558	0.004	358127	2435.8	M
1	4.103	4.103	0.0	612115	1843.5	
1	4.523	4.523	0.0	152427	812.3	M
1	5.350	5.352	-0.002	220288	843.8	M
1	5.408	5.410	-0.002	304711	929.7	M
		Average of Peak Amounts =			1373.0	
2	2.667	2.668	-0.001	352815	1938.4	
2	3.118	3.122	-0.004	753715	1741.2	M
2	3.700	3.703	-0.003	353645	854.9	M
2	4.197	4.200	-0.003	617655	828.4	M
2	4.427	4.430	-0.003	340055	719.9	M
		Average of Peak Amounts =			1216.6	
					RPD = 12.08	

QC Flag Legend

Review Flags
M - Manually Integrated

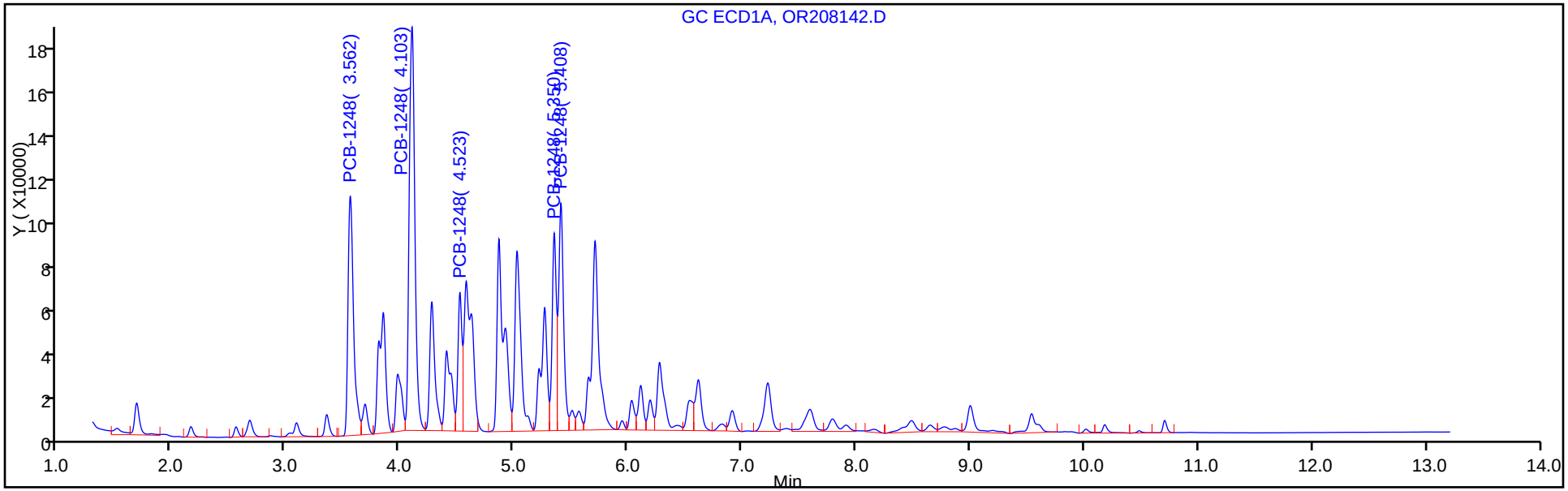
Report Date: 17-Sep-2013 13:32:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

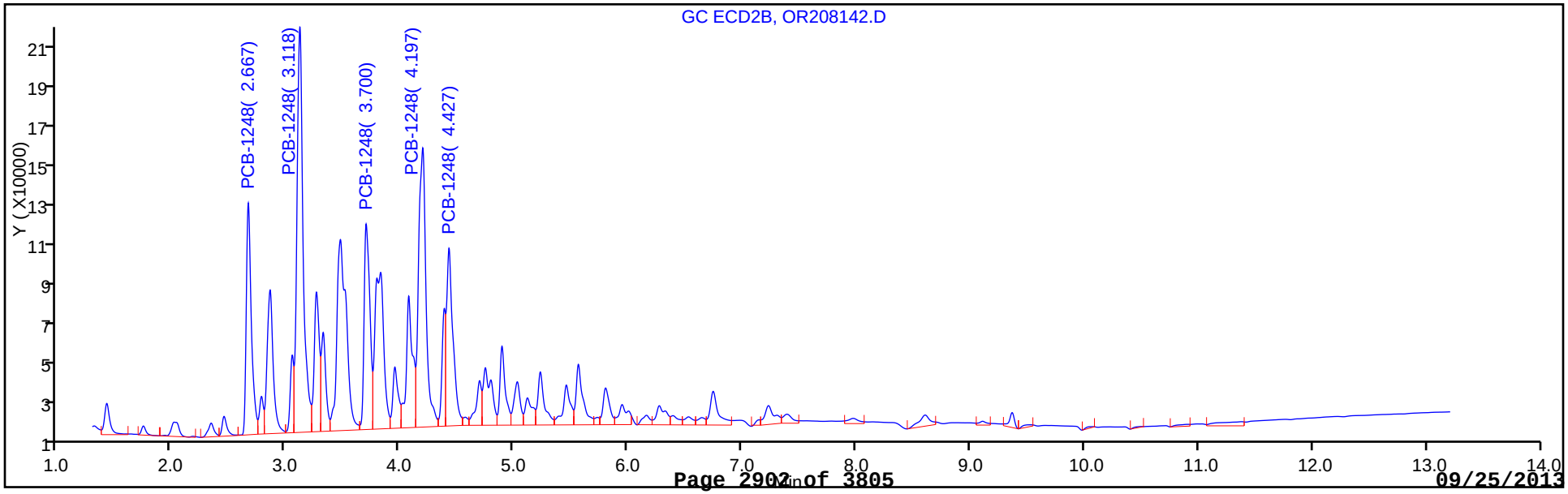
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208142.D

Injection Date:	17-Sep-2013 12:33:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-26SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



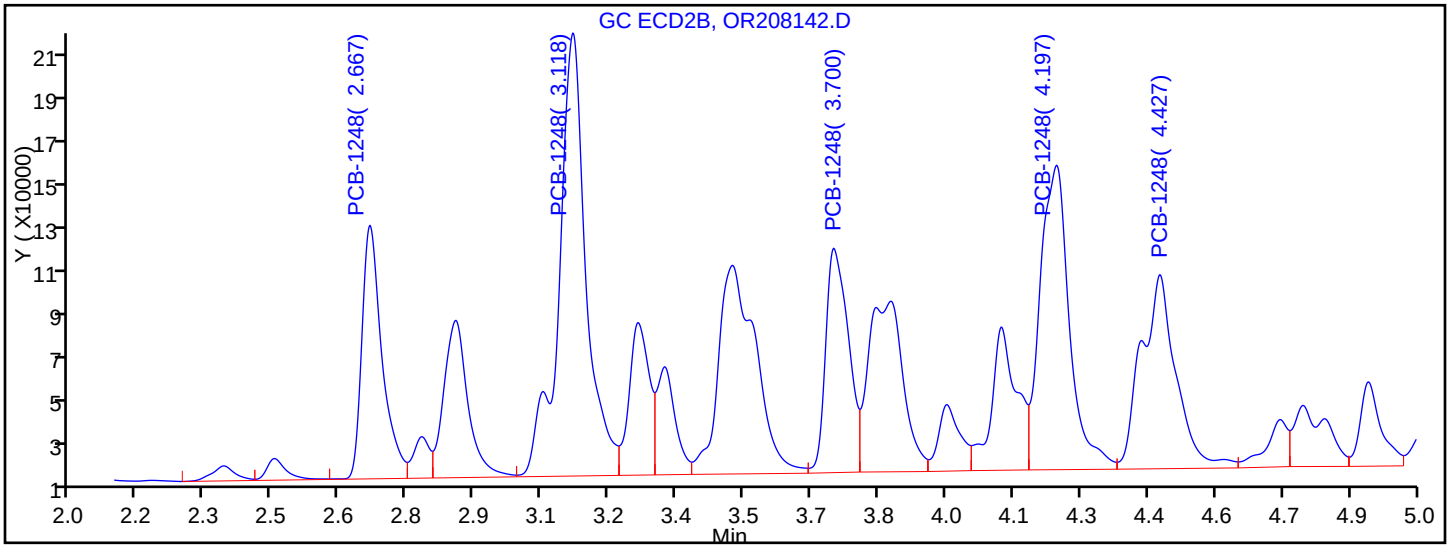
Report Date: 17-Sep-2013 13:32:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208142.D

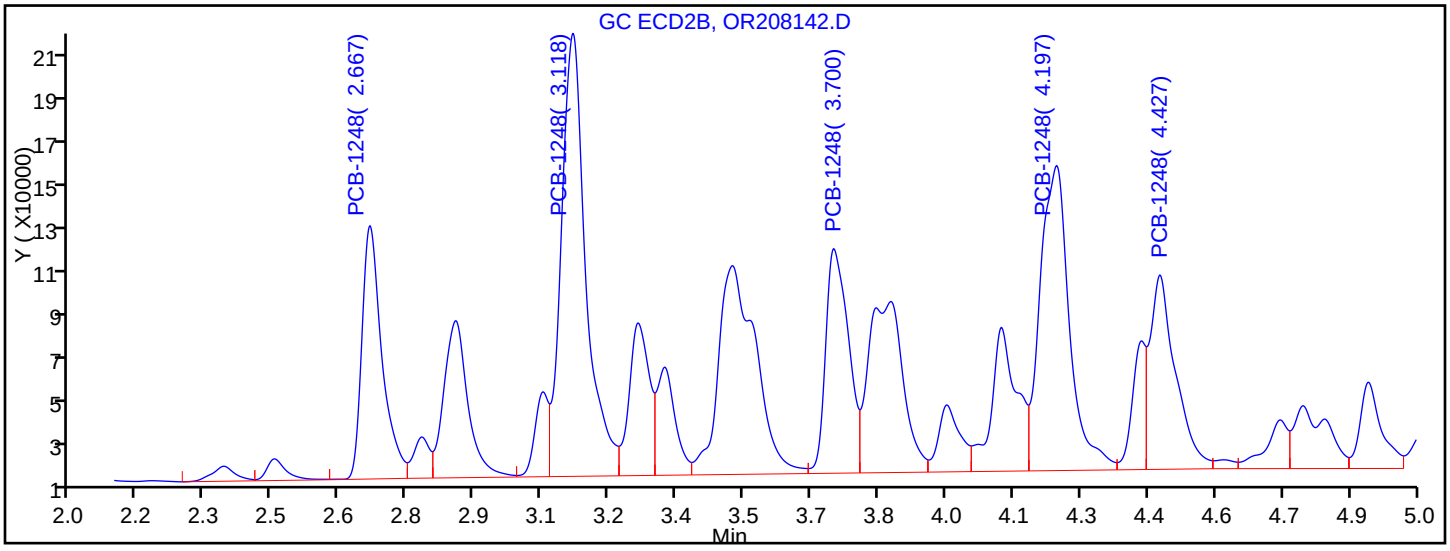
Injection Date:	17-Sep-2013 12:33:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-26SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1248, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.667	Response = 352815	
RT = 3.118	Response = 831649	M
RT = 3.700	Response = 352783	M
RT = 4.197	Response = 615030	M
RT = 4.427	Response = 466987	M



Manual Integration Results

RT = 2.667	Response = 352815	
RT = 3.118	Response = 753715	M
RT = 3.700	Response = 353645	M
RT = 4.197	Response = 617655	M
RT = 4.427	Response = 340055	M

Reviewer: patelji, 17-Sep-2013 13:03:13

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-SI Lab Sample ID: 460-62968-10

Matrix: Solid Lab File ID: OR208092.D

Analysis Method: 8082 Date Collected: 09/12/2013 10:10

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.05(g) Date Analyzed: 09/16/2013 19:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 16.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181600 Units: ug/Kg

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\20130915-4643.b\OR208092.D		
Lims ID:	460-62968-E-10-A	Client ID:	PMP-26SE-SI
Inject. Date:	16-Sep-2013 19:11:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-043		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	43
Lims Batch ID:	181600	Lims Sample ID:	43
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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 11:06:00

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.722	10.710	0.012	179084	45.9	
2	9.370	9.377	-0.007	307479	43.6	
					RPD = 5.20	

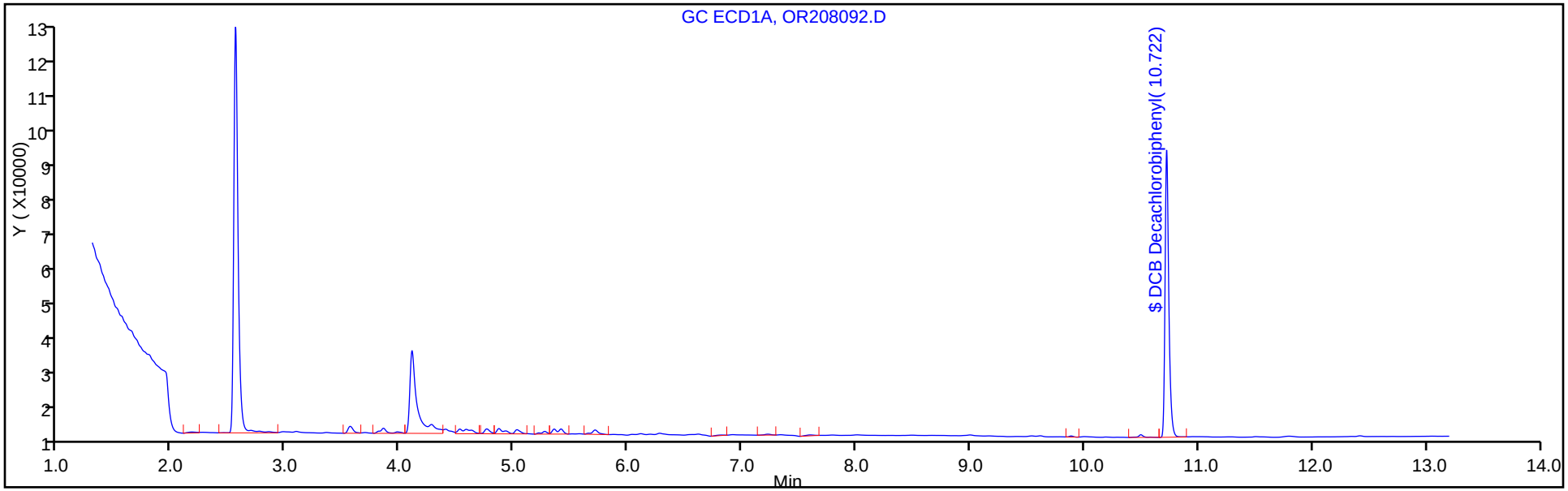
Report Date: 17-Sep-2013 11:34:37 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

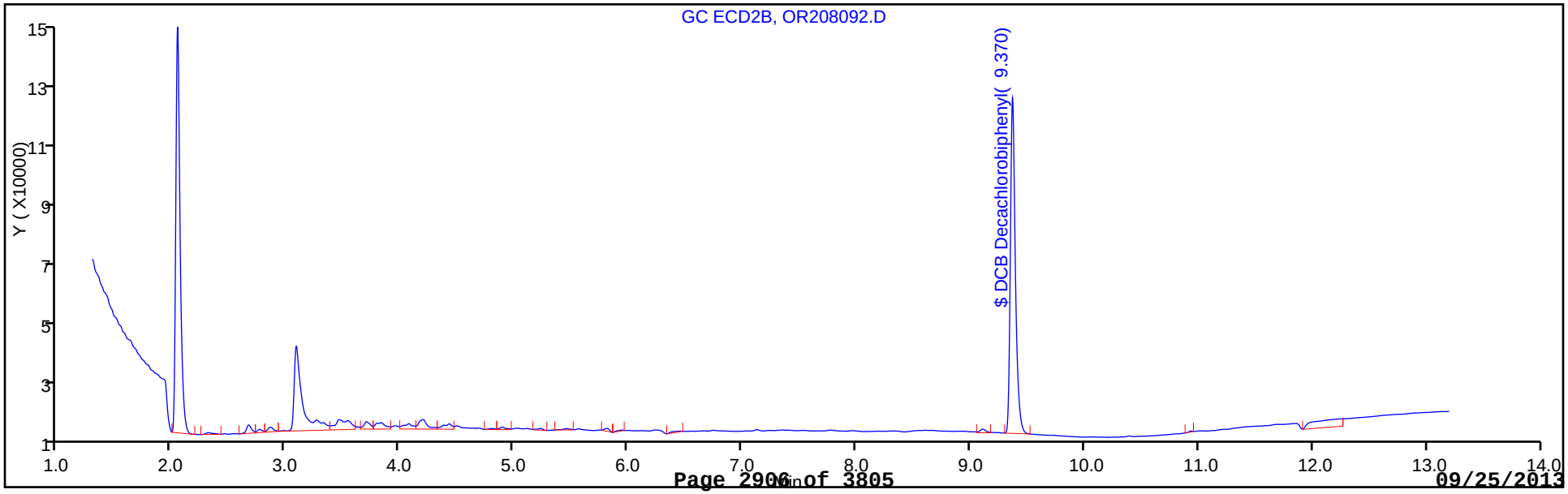
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208092.D

Injection Date:	16-Sep-2013 19:11:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-26SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-SI Lab Sample ID: 460-62968-10

Matrix: Solid Lab File ID: OR208092.D

Analysis Method: 8082 Date Collected: 09/12/2013 10:10

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.05(g) Date Analyzed: 09/16/2013 19:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 16.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181600 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	18	U	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	87		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208092.D		
Lims ID:	460-62968-E-10-A	Client ID:	PMP-26SE-SI
Inject. Date:	16-Sep-2013 19:11:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-043		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	43
Lims Batch ID:	181600	Lims Sample ID:	43
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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 11:06:00

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.722	10.710	0.012	179084	45.9	
2	9.370	9.377	-0.007	307479	43.6	
					RPD = 5.20	

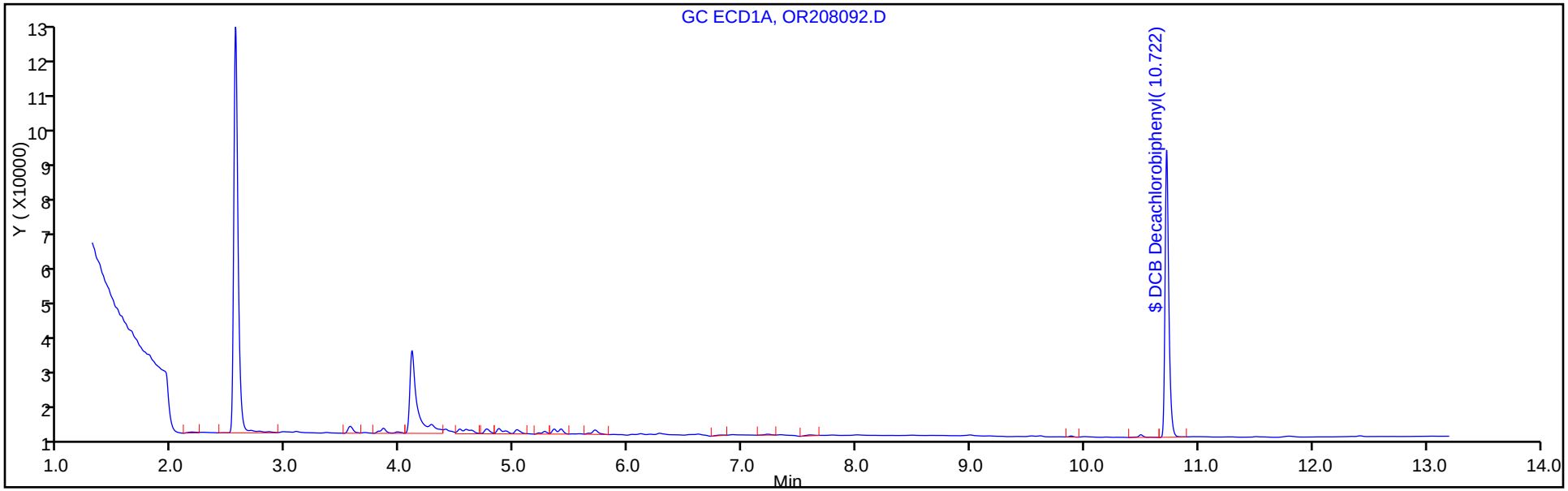
Report Date: 17-Sep-2013 11:34:37 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

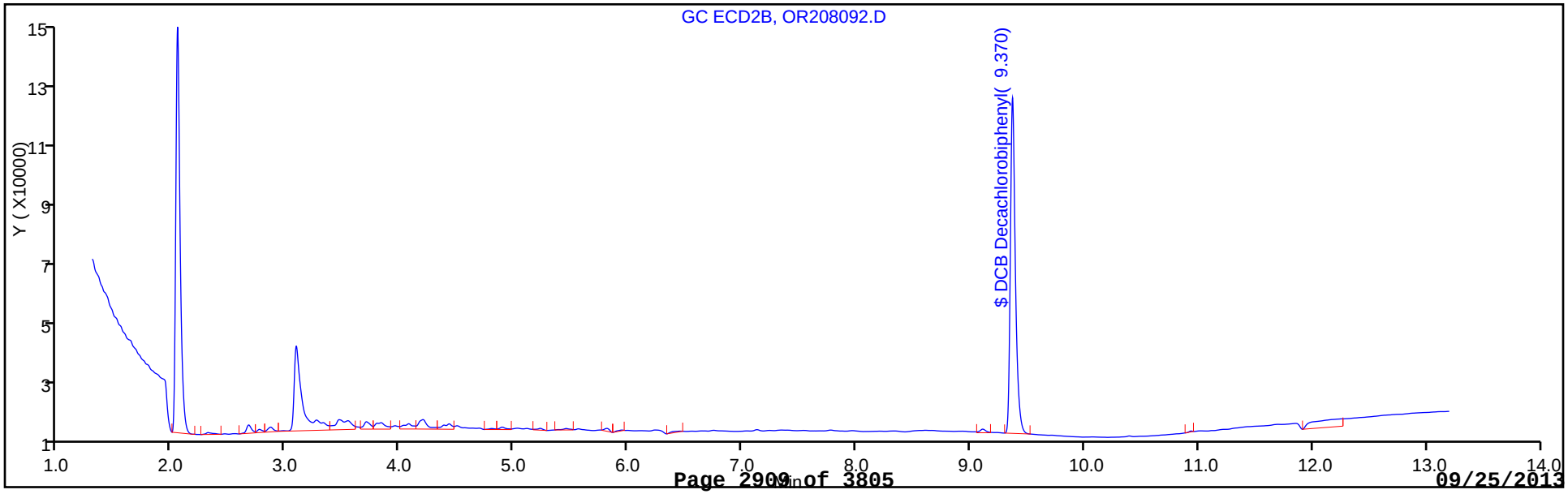
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208092.D

Injection Date:	16-Sep-2013 19:11:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-26SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-VD Lab Sample ID: 460-62968-11

Matrix: Solid Lab File ID: OR208093.D

Analysis Method: 8082 Date Collected: 09/12/2013 10:25

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.01(g) Date Analyzed: 09/16/2013 19:27

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.: 181600 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208093.D		
Lims ID:	460-62968-E-11-A	Client ID:	PMP-18SE-VD
Inject. Date:	16-Sep-2013 19:27:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-044		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	44
Lims Batch ID:	181600	Lims Sample ID:	44
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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 11:07:37

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
3 PCB-1248						M
1	3.558	3.558	0.0	91347	621.3	M
1	4.107	4.103	0.004	126681	381.5	
1	4.522	4.523	-0.001	55075	293.5	
1	5.350	5.352	-0.002	64219	246.0	
1	5.408	5.410	-0.002	94322	287.8	M
		Average of Peak Amounts =			366.0	
2	2.670	2.668	0.002	105019	577.0	
2	3.125	3.122	0.003	204408	472.2	
2	3.703	3.703	0.0	137820	333.2	
2	4.200	4.200	0.0	207151	277.8	
2	4.430	4.430	0.0	119423	252.8	M
		Average of Peak Amounts =			382.6	
				RPD =	4.43	
10 PCB-1260						
1	0.0	6.575	-6.575	0	0	
1	6.912	6.920	-0.008	36992	86.0	
1	8.485	8.497	-0.012	27152	67.4	
1	9.000	9.007	-0.007	46245	68.2	M
1	10.187	10.185	0.002	9858	62.1	
		Average of Peak Amounts =			71.0	
2	5.117	5.118	-0.001	47961	110.7	
2	6.272	6.277	-0.005	28669	70.7	M
2	6.747	6.752	-0.005	63462	65.8	
2	7.232	7.238	-0.006	30299	61.0	
2	8.605	8.613	-0.008	16548	54.6	M
		Average of Peak Amounts =			72.6	
				RPD =	2.24	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.705	10.710	-0.005	168645	43.3	
2	9.370	9.377	-0.007	293885	41.7	
					RPD = 3.72	

QC Flag Legend

Review Flags
M - Manually Integrated

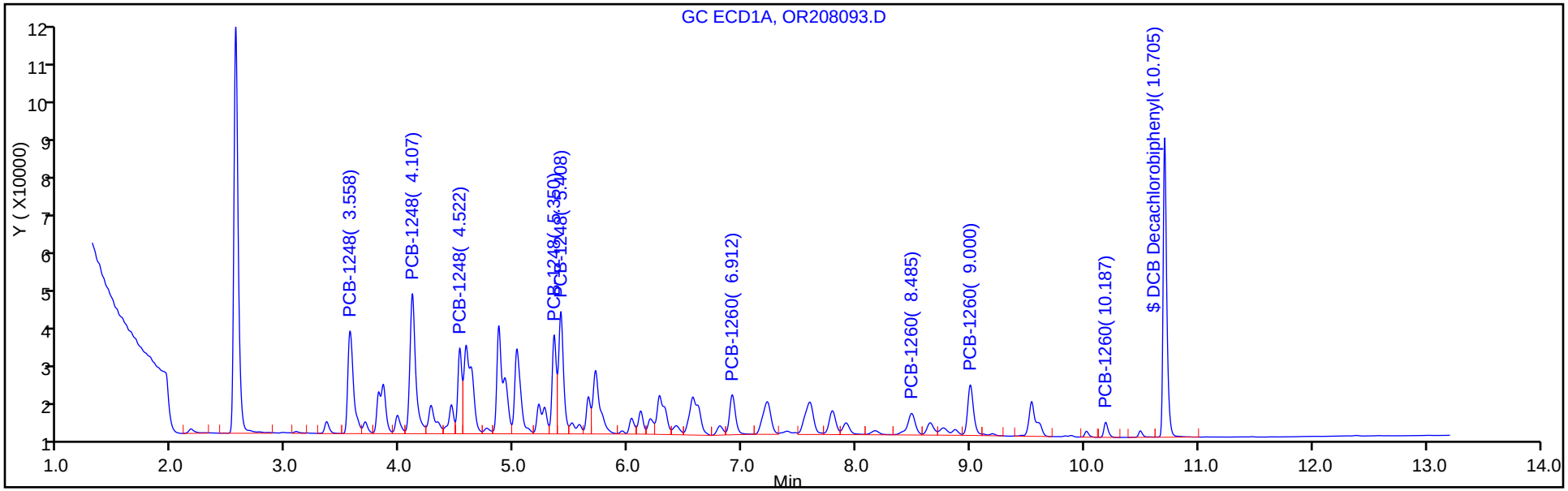
Report Date: 17-Sep-2013 11:34:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

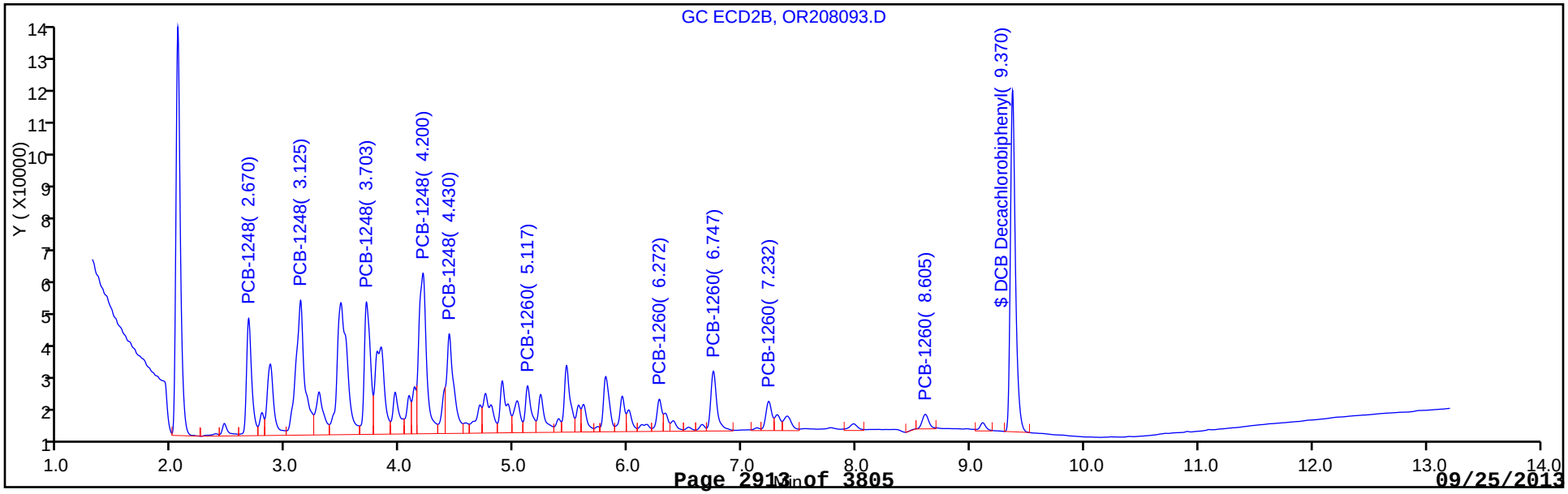
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208093.D

Injection Date:	16-Sep-2013 19:27:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-18SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	44
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



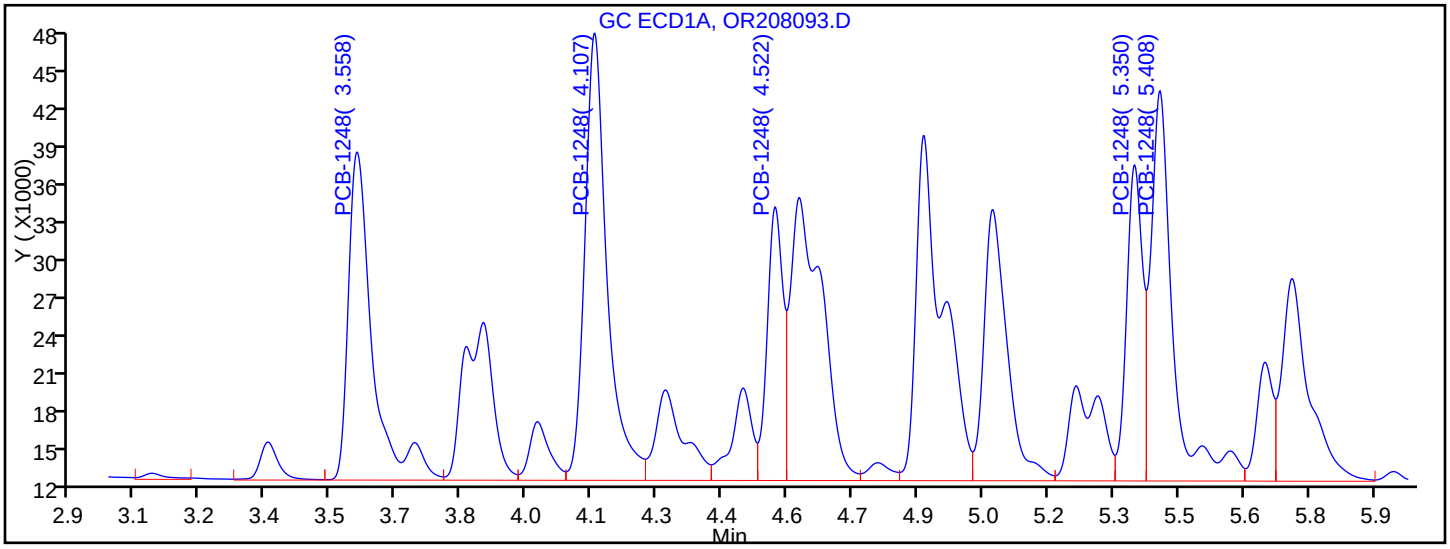
Report Date: 17-Sep-2013 11:34:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208093.D

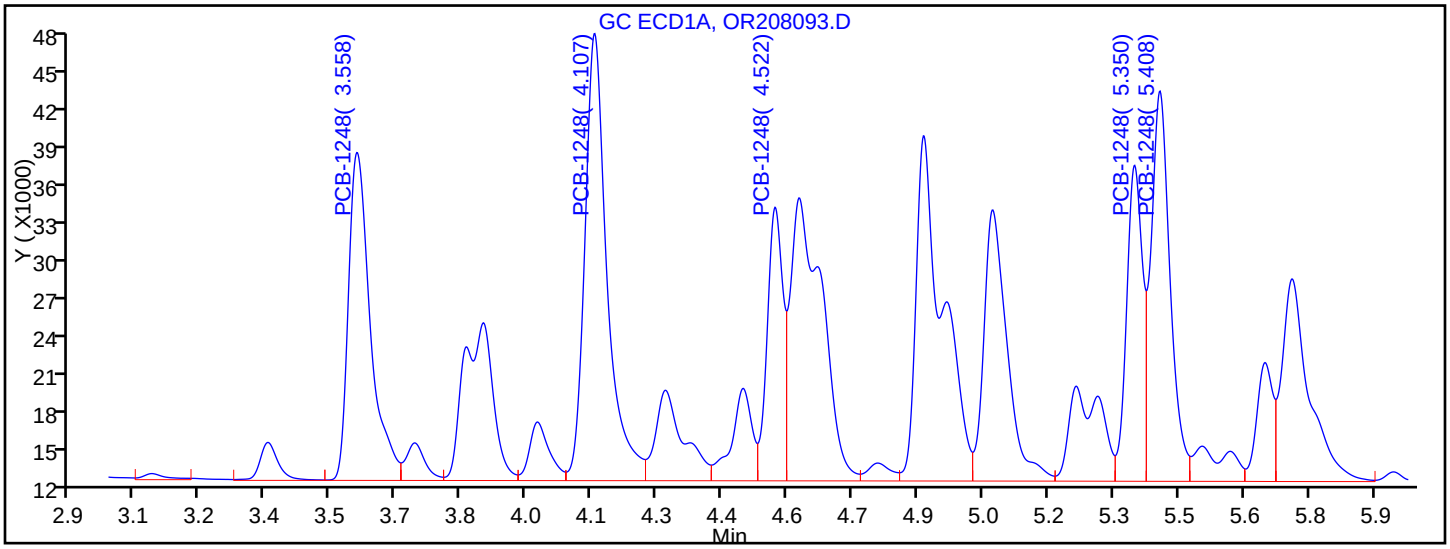
Injection Date:	16-Sep-2013 19:27:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-18SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	44
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1248, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.558	Response = 100409	M
RT = 4.107	Response = 126681	
RT = 4.522	Response = 55075	
RT = 5.350	Response = 64219	
RT = 5.408	Response = 109578	M



Manual Integration Results

RT = 3.558	Response = 91347	M
RT = 4.107	Response = 126681	
RT = 4.522	Response = 55075	
RT = 5.350	Response = 64219	
RT = 5.408	Response = 94322	M

Reviewer: patelji, 17-Sep-2013 11:07:37

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-VD | Lab Sample ID: 460-62968-11

Matrix: Solid | Lab File ID: OR208093.D

Analysis Method: 8082 | Date Collected: 09/12/2013 10:25

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.01(g) | Date Analyzed: 09/16/2013 19:27

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.: 181600 | 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	270		71	16
11097-69-1	Aroclor 1254	20	U	71	20
11096-82-5	Aroclor 1260	51	J	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	83		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208093.D
Lims ID: 460-62968-E-11-A Client ID: PMP-18SE-VD
Inject. Date: 16-Sep-2013 19:27:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-0004643-044
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 44
Lims Batch ID: 181600 Lims Sample ID: 44
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m
Last Update: 17-Sep-2013 11:34:17 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 11:07:37

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
3 PCB-1248						M
1	3.558	3.558	0.0	91347	621.3	M
1	4.107	4.103	0.004	126681	381.5	
1	4.522	4.523	-0.001	55075	293.5	
1	5.350	5.352	-0.002	64219	246.0	
1	5.408	5.410	-0.002	94322	287.8	M
		Average of Peak Amounts =			366.0	
2	2.670	2.668	0.002	105019	577.0	
2	3.125	3.122	0.003	204408	472.2	
2	3.703	3.703	0.0	137820	333.2	
2	4.200	4.200	0.0	207151	277.8	
2	4.430	4.430	0.0	119423	252.8	M
		Average of Peak Amounts =			382.6	
				RPD =	4.43	
10 PCB-1260						
1	0.0	6.575	-6.575	0	0	
1	6.912	6.920	-0.008	36992	86.0	
1	8.485	8.497	-0.012	27152	67.4	
1	9.000	9.007	-0.007	46245	68.2	M
1	10.187	10.185	0.002	9858	62.1	
		Average of Peak Amounts =			71.0	
2	5.117	5.118	-0.001	47961	110.7	
2	6.272	6.277	-0.005	28669	70.7	M
2	6.747	6.752	-0.005	63462	65.8	
2	7.232	7.238	-0.006	30299	61.0	
2	8.605	8.613	-0.008	16548	54.6	M
		Average of Peak Amounts =			72.6	
				RPD =	2.24	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.705	10.710	-0.005	168645	43.3	
2	9.370	9.377	-0.007	293885	41.7	
					RPD = 3.72	

QC Flag Legend

Review Flags
M - Manually Integrated

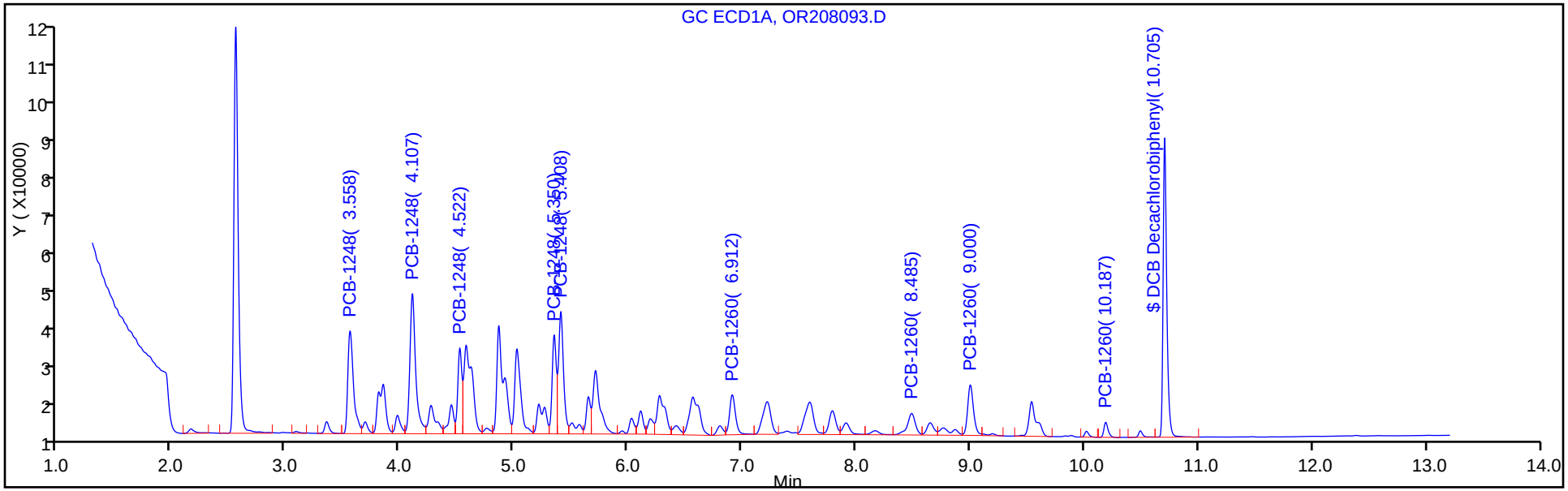
Report Date: 17-Sep-2013 11:34:39 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

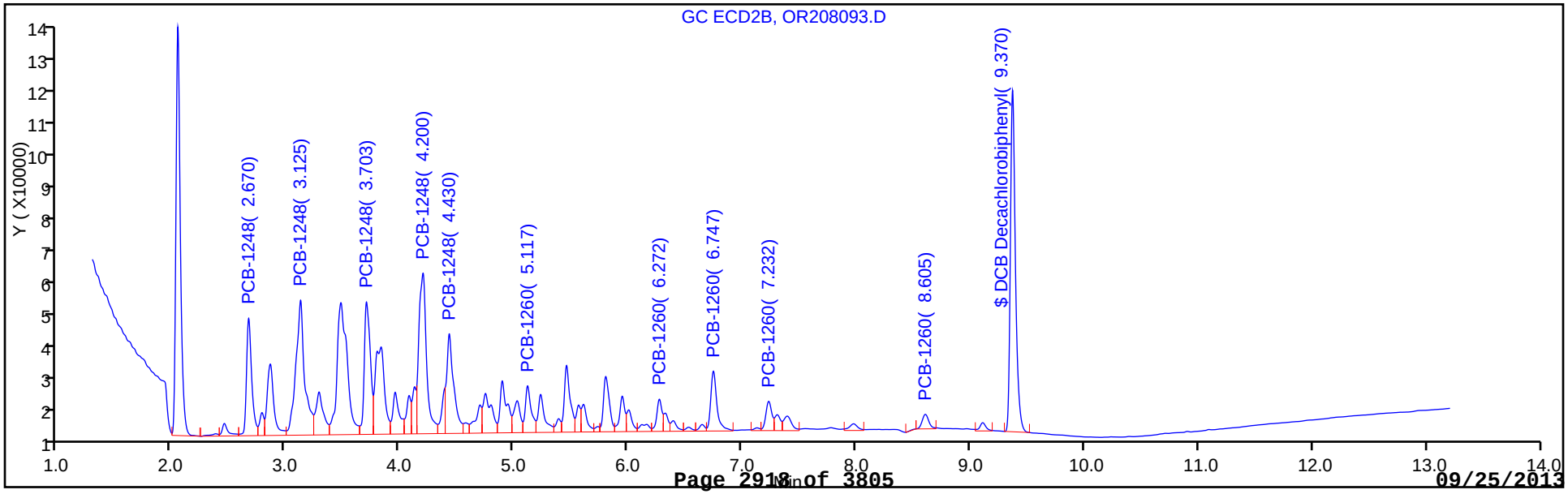
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208093.D

Injection Date:	16-Sep-2013 19:27:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-18SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	44
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



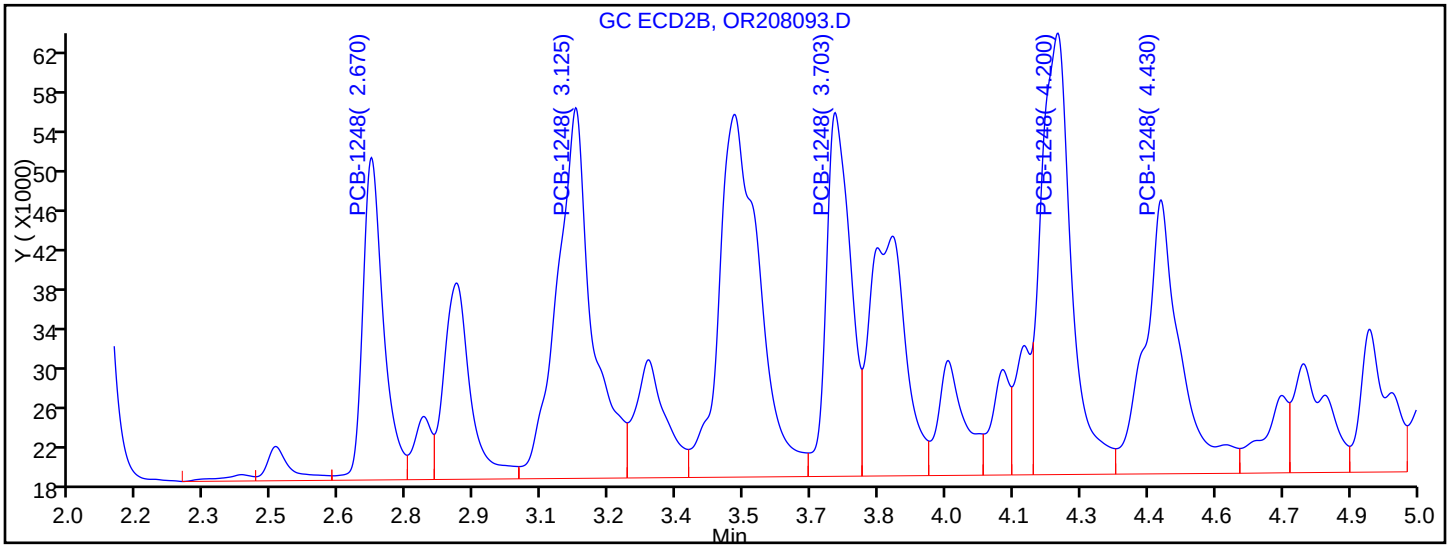
Report Date: 17-Sep-2013 11:34:39 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208093.D

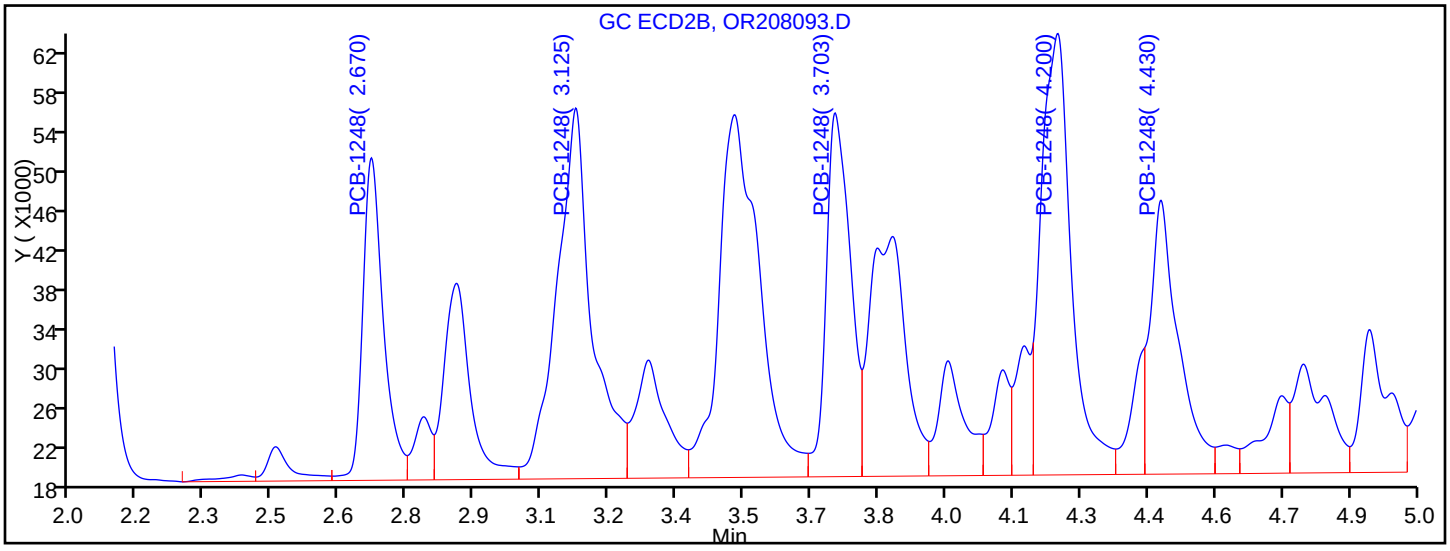
Injection Date:	16-Sep-2013 19:27:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-18SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	44
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1248, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.670	Response = 105019	
RT = 3.125	Response = 204408	
RT = 3.703	Response = 137820	
RT = 4.200	Response = 207151	
RT = 4.430	Response = 154893	M



Manual Integration Results

RT = 2.670	Response = 105019	
RT = 3.125	Response = 204408	
RT = 3.703	Response = 137820	
RT = 4.200	Response = 207151	
RT = 4.430	Response = 119423	M

Reviewer: patelji, 17-Sep-2013 11:07:37

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-WT Lab Sample ID: 460-62968-12

Matrix: Solid Lab File ID: OR208139.D

Analysis Method: 8082 Date Collected: 09/12/2013 10:30

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.02(g) Date Analyzed: 09/17/2013 11:44

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	11000		770	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\20130917-4712.b\OR208139.D		
Lims ID:	460-62968-E-12-A	Client ID:	PMP-18SE-WT
Inject. Date:	17-Sep-2013 11:44:30	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004712-013		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	13
Lims Batch ID:	181716	Lims Sample ID:	13
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 13:32:32	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 12:21:36

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.090	3.088	0.002	169095	1151.1	
1	3.563	3.562	0.001	425106	1473.8	M
1	4.105	4.105	0.0	768957	1452.8	
1	4.277	4.277	0.0	316938	1406.4	
1	5.410	5.412	-0.002	344157	1584.4	M
		Average of Peak Amounts =			1413.7	
2	2.343	2.343	0.0	222129	1026.4	
2	2.668	2.670	-0.002	414736	1268.9	
2	3.122	3.123	-0.001	945751	1295.2	M
2	3.265	3.265	0.0	353692	1322.4	
2	3.703	3.703	0.0	405136	1347.5	
		Average of Peak Amounts =			1252.1	
					RPD = 12.13	

QC Flag Legend

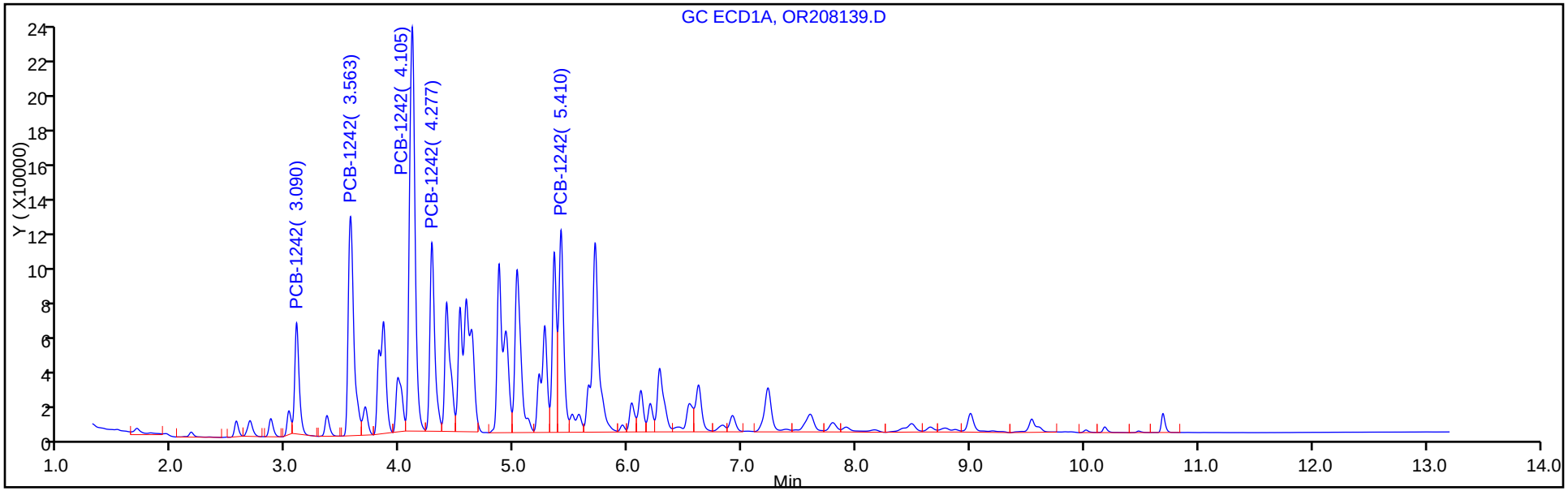
Review Flags
M - Manually Integrated

Report Date: 17-Sep-2013 13:32:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

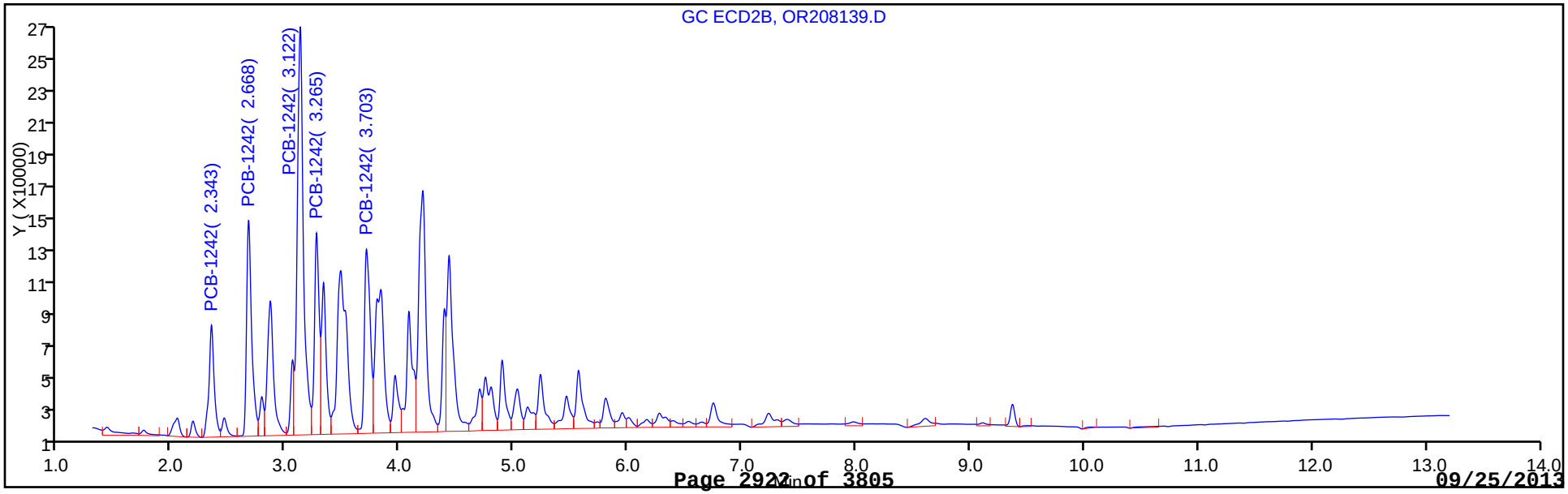
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208139.D		
Injection Date:	17-Sep-2013 11:44:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-18SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



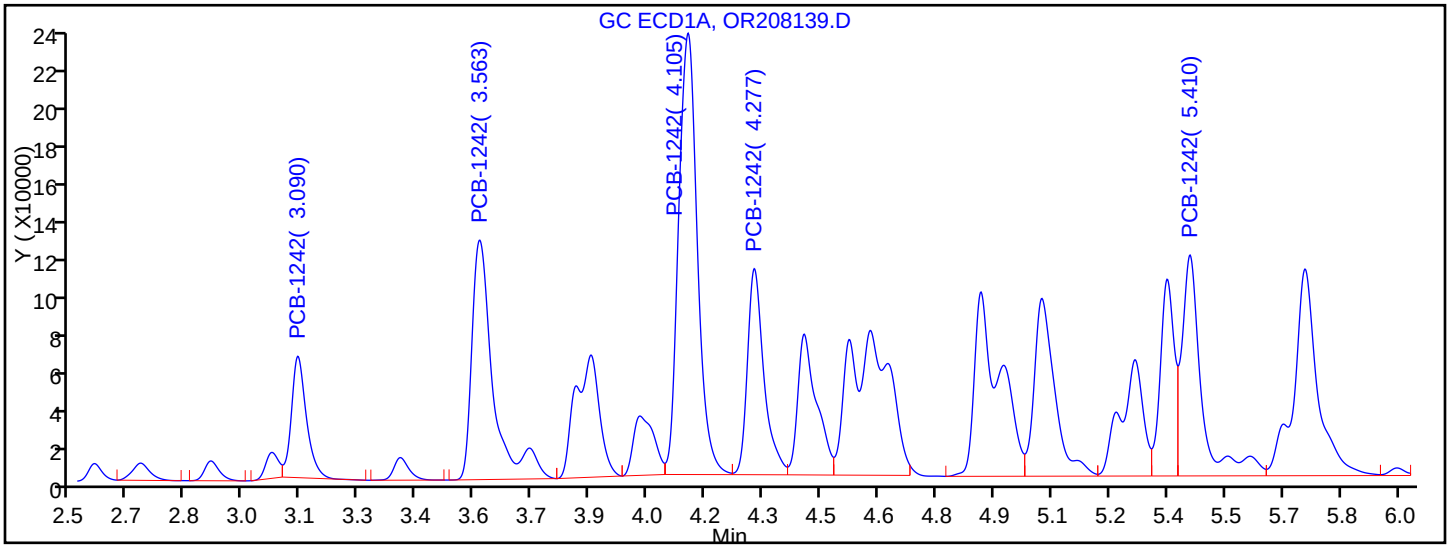
Report Date: 17-Sep-2013 13:32:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208139.D

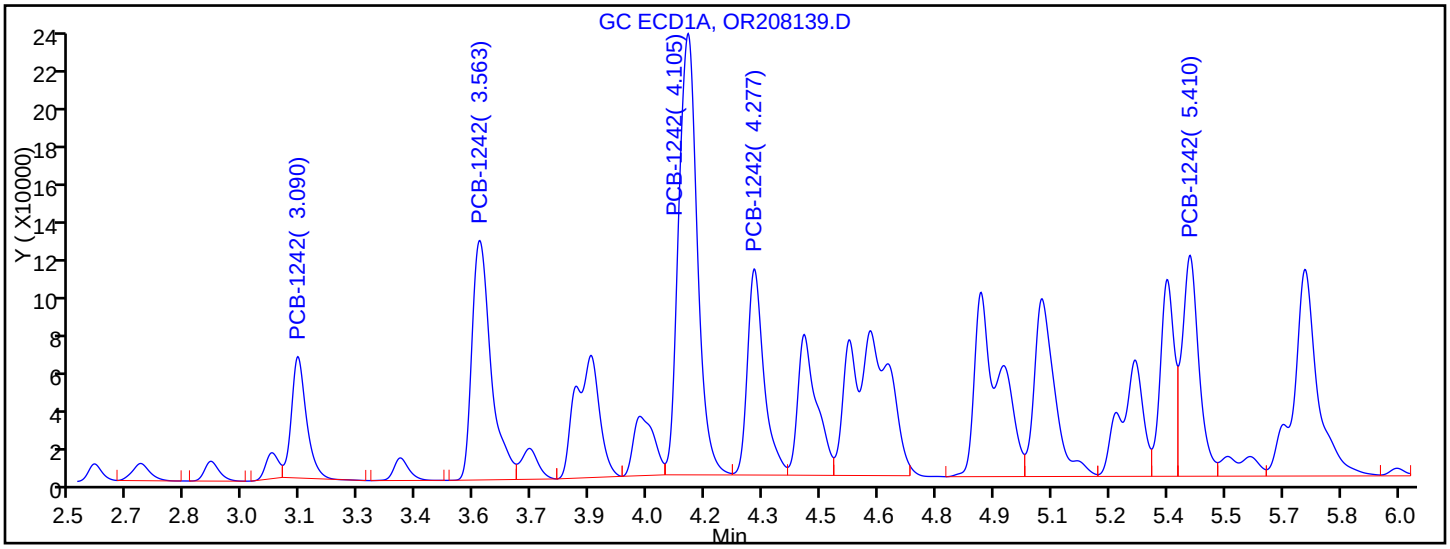
Injection Date:	17-Sep-2013 11:44:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-18SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.090	Response = 169095	
RT = 3.563	Response = 473231	M
RT = 4.105	Response = 768957	
RT = 4.277	Response = 316938	
RT = 5.410	Response = 403701	M



Manual Integration Results

RT = 3.090	Response = 169095	
RT = 3.563	Response = 425106	M
RT = 4.105	Response = 768957	
RT = 4.277	Response = 316938	
RT = 5.410	Response = 344157	M

Reviewer: patelji, 17-Sep-2013 12:21:36

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-WT Lab Sample ID: 460-62968-12

Matrix: Solid Lab File ID: OR208139.D

Analysis Method: 8082 Date Collected: 09/12/2013 10:30

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.02(g) Date Analyzed: 09/17/2013 11:44

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	170	U	770	170
11104-28-2	Aroclor 1221	170	U	770	170
11141-16-5	Aroclor 1232	170	U	770	170
12672-29-6	Aroclor 1248	170	U	770	170
11097-69-1	Aroclor 1254	220	U	770	220
11096-82-5	Aroclor 1260	220	U	770	220
37324-23-5	Aroclor 1262	220	U	770	220
11100-14-4	Aroclor 1268	220	U	770	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\20130917-4712.b\OR208139.D		
Lims ID:	460-62968-E-12-A	Client ID:	PMP-18SE-WT
Inject. Date:	17-Sep-2013 11:44:30	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004712-013		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	13
Lims Batch ID:	181716	Lims Sample ID:	13
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 13:32:32	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 12:21:36

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.090	3.088	0.002	169095	1151.1	
1	3.563	3.562	0.001	425106	1473.8	M
1	4.105	4.105	0.0	768957	1452.8	
1	4.277	4.277	0.0	316938	1406.4	
1	5.410	5.412	-0.002	344157	1584.4	M
		Average of Peak Amounts =			1413.7	
2	2.343	2.343	0.0	222129	1026.4	
2	2.668	2.670	-0.002	414736	1268.9	
2	3.122	3.123	-0.001	945751	1295.2	M
2	3.265	3.265	0.0	353692	1322.4	
2	3.703	3.703	0.0	405136	1347.5	
		Average of Peak Amounts =			1252.1	
					RPD = 12.13	

QC Flag Legend

Review Flags
M - Manually Integrated

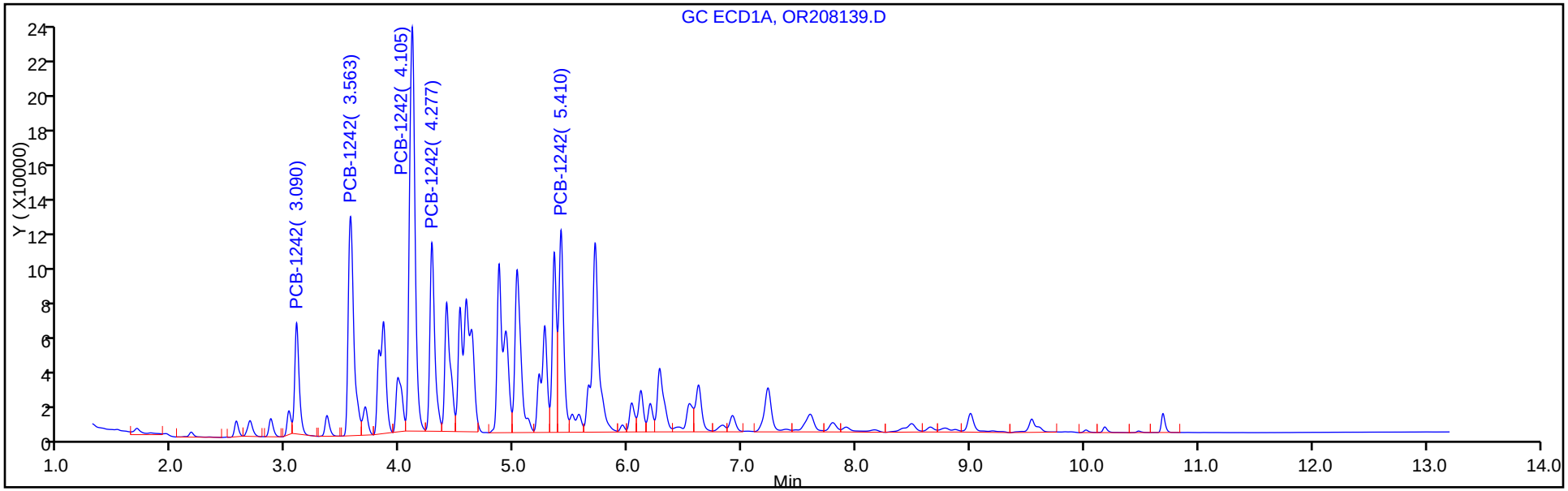
Report Date: 17-Sep-2013 13:32:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

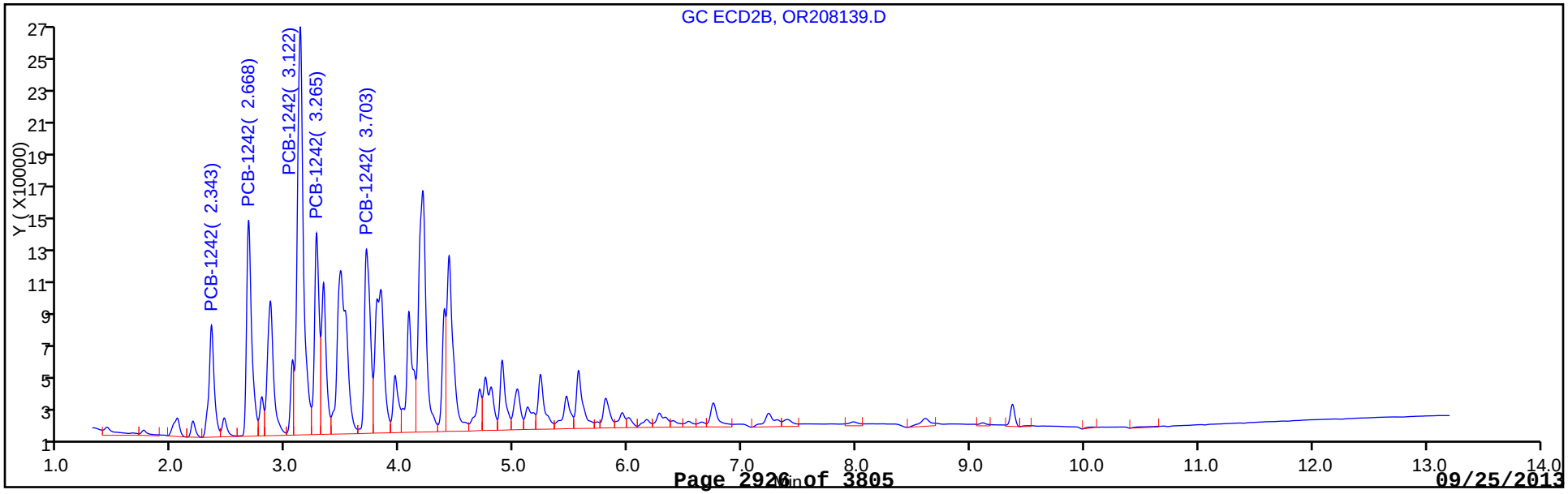
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208139.D

Injection Date:	17-Sep-2013 11:44:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-18SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



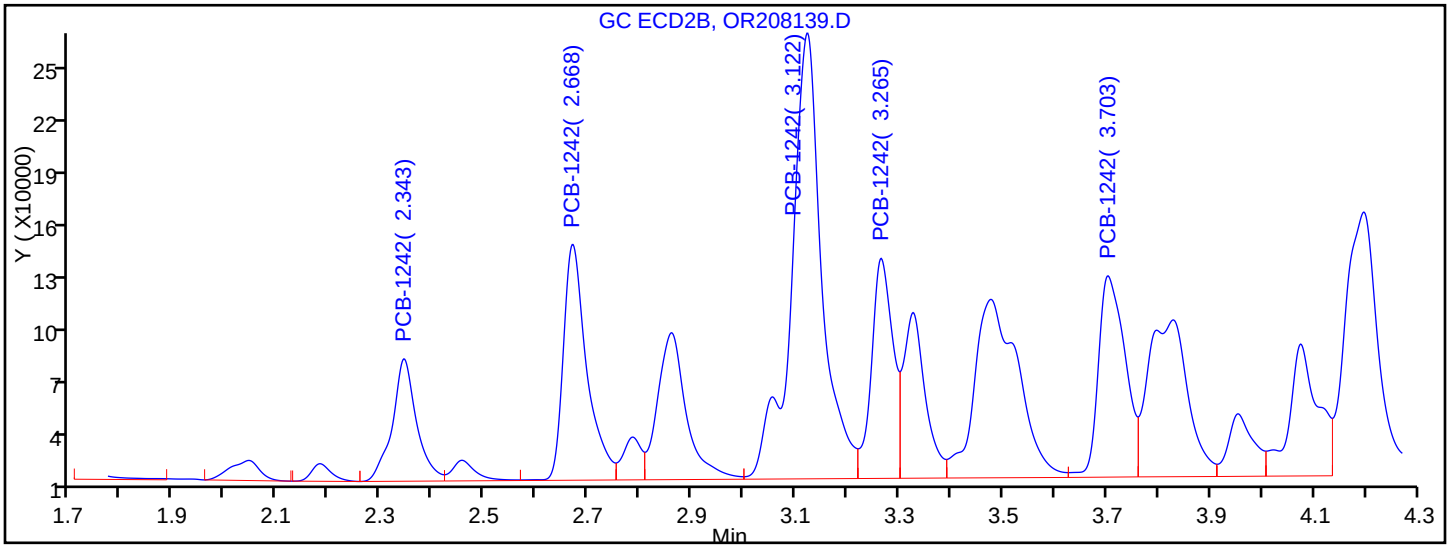
Report Date: 17-Sep-2013 13:32:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208139.D

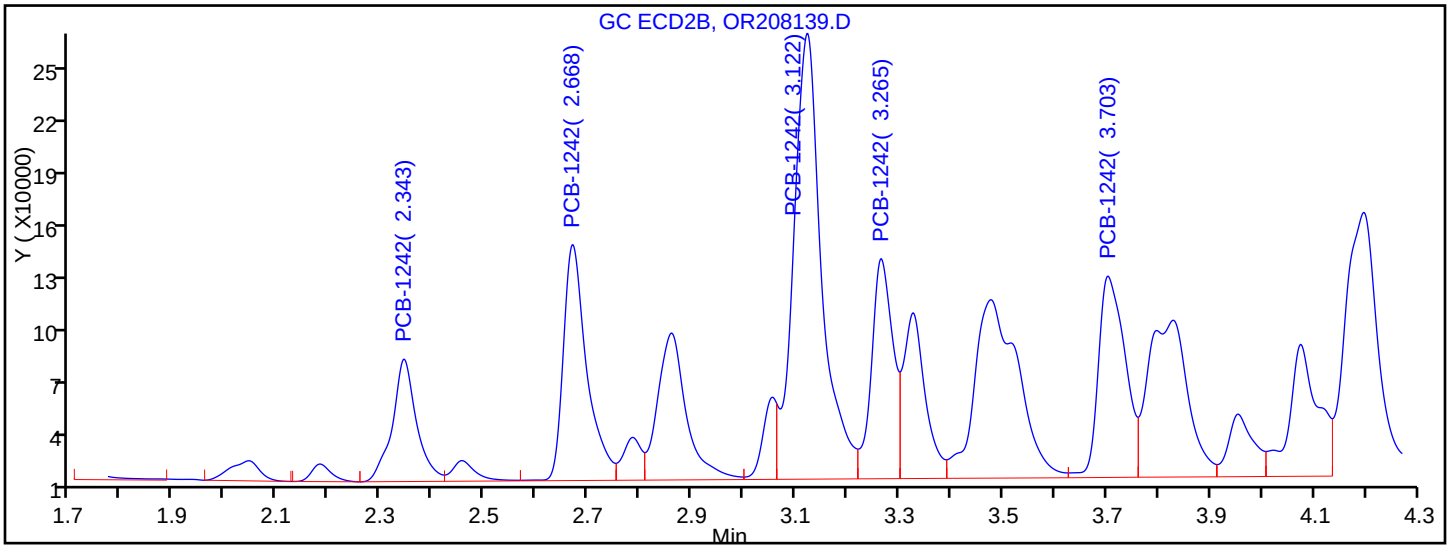
Injection Date:	17-Sep-2013 11:44:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-18SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.343	Response = 222129	
RT = 2.668	Response = 414736	
RT = 3.122	Response = 1025831	M
RT = 3.265	Response = 353692	
RT = 3.703	Response = 405136	



Manual Integration Results

RT = 2.343	Response = 222129	
RT = 2.668	Response = 414736	
RT = 3.122	Response = 945751	M
RT = 3.265	Response = 353692	
RT = 3.703	Response = 405136	

Reviewer: patelji, 17-Sep-2013 12:21:36

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-SI | Lab Sample ID: 460-62968-13

Matrix: Solid | Lab File ID: OR208095.D

Analysis Method: 8082 | Date Collected: 09/12/2013 10:35

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.05(g) | Date Analyzed: 09/16/2013 20:01

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.: 181600 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	120		78	17

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\20130915-4643.b\OR208095.D
Lims ID: 460-62968-E-13-A Client ID: PMP-18SE-SI
Inject. Date: 16-Sep-2013 20:01:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-0004643-046
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 46
Lims Batch ID: 181600 Lims Sample ID: 46
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m
Last Update: 17-Sep-2013 11:34:17 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 11:08:38

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.090	3.088	0.002	21489	146.3	
1	3.562	3.562	0.0	42920	148.8	M
1	4.105	4.105	0.0	113602	214.6	
1	4.277	4.277	0.0	36463	161.8	
1	5.412	5.412	0.0	22703	104.5	M
		Average of Peak Amounts =			155.2	
2	2.342	2.343	-0.001	30416	140.5	M
2	2.668	2.670	-0.002	46471	142.2	M
2	3.115	3.123	-0.008	146527	200.7	M
2	3.263	3.265	-0.002	39896	149.2	M
2	3.702	3.703	-0.001	35362	117.6	M
		Average of Peak Amounts =			150.0	
					RPD = 3.39	
$ 5 DCB Decachlorobiphenyl						
1	10.688	10.710	-0.022	185060	47.5	
2	9.370	9.377	-0.007	325022	46.1	
					RPD = 2.94	

QC Flag Legend

Review Flags
M - Manually Integrated

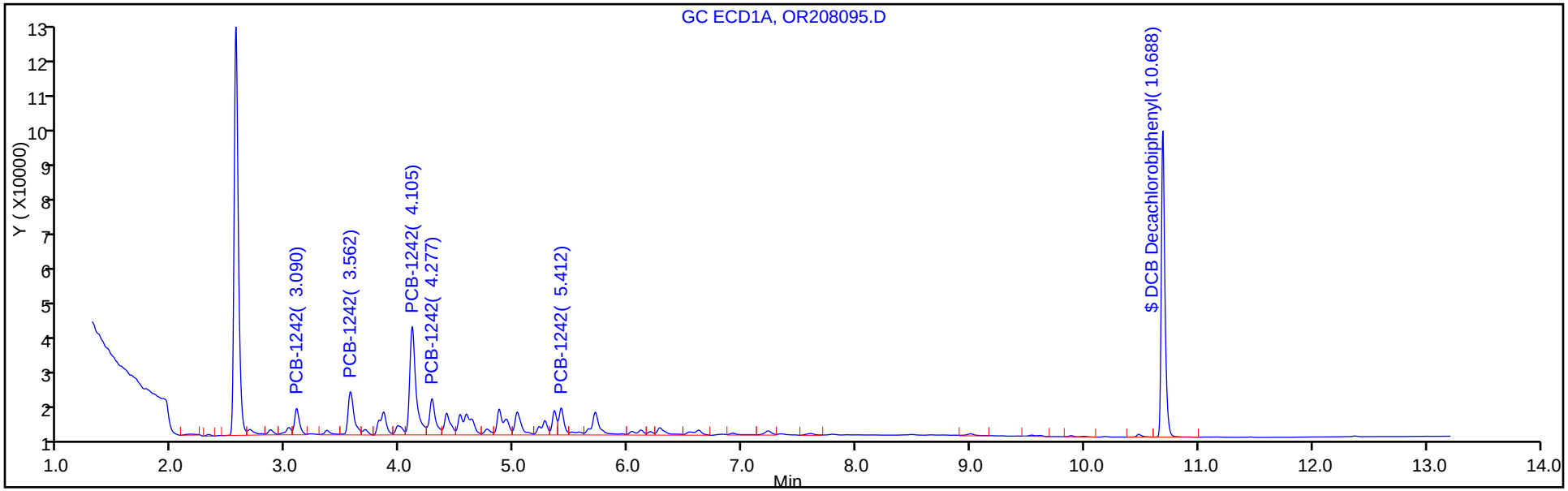
Report Date: 17-Sep-2013 11:34:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

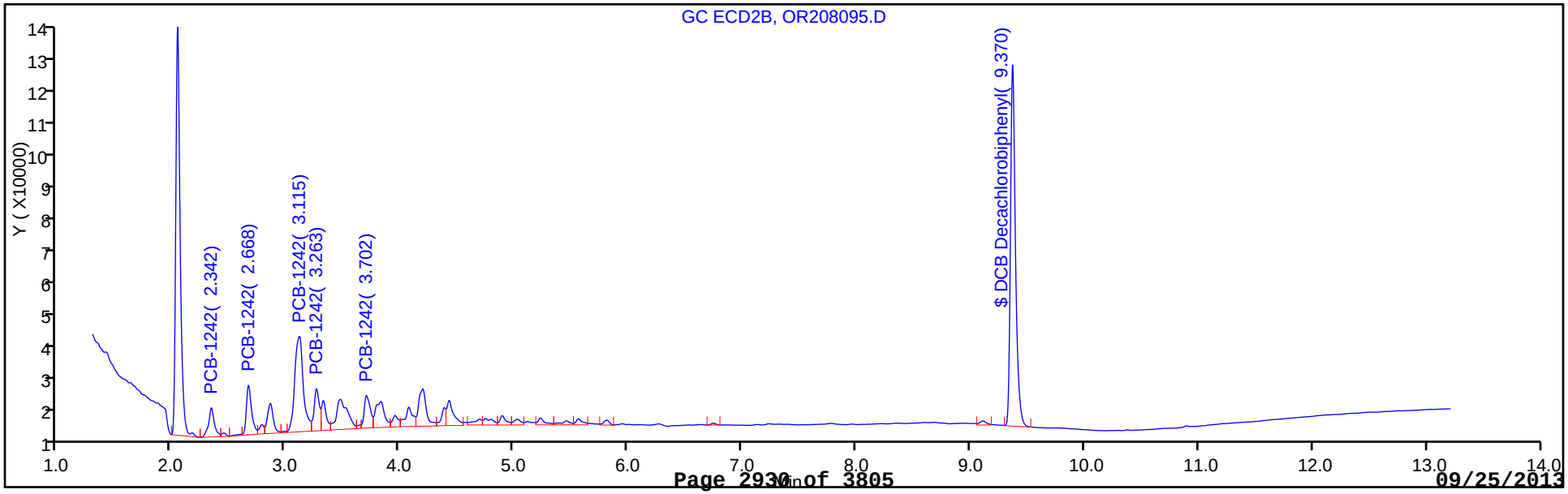
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208095.D

Injection Date:	16-Sep-2013 20:01:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-18SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



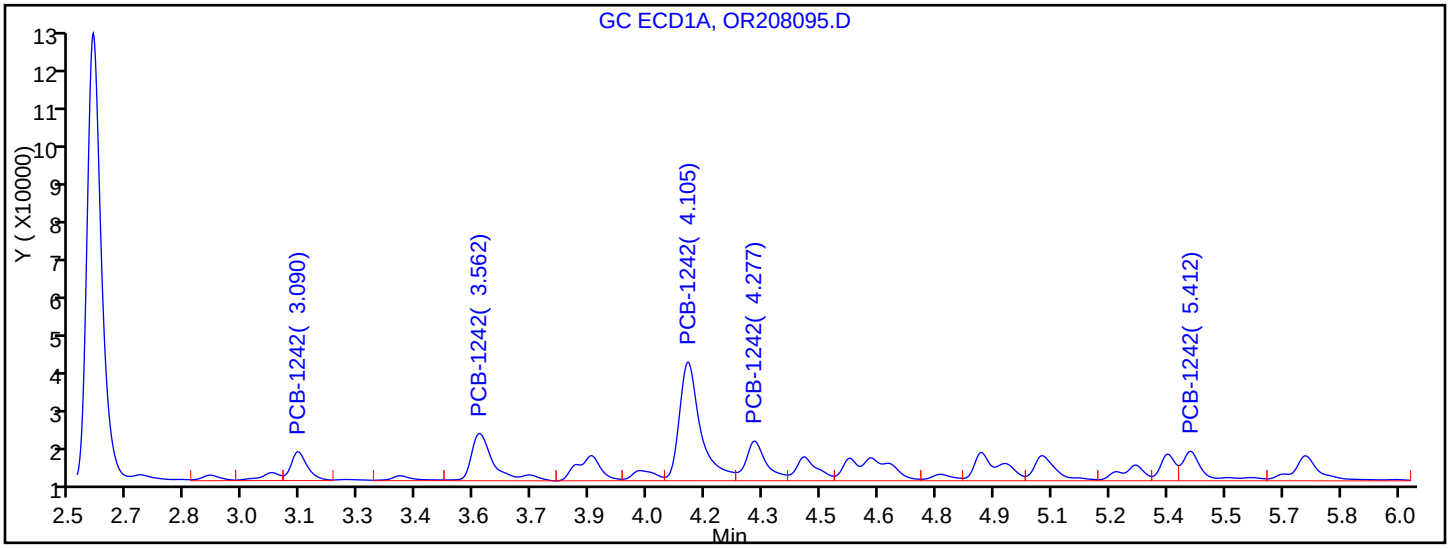
Report Date: 17-Sep-2013 11:34:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208095.D

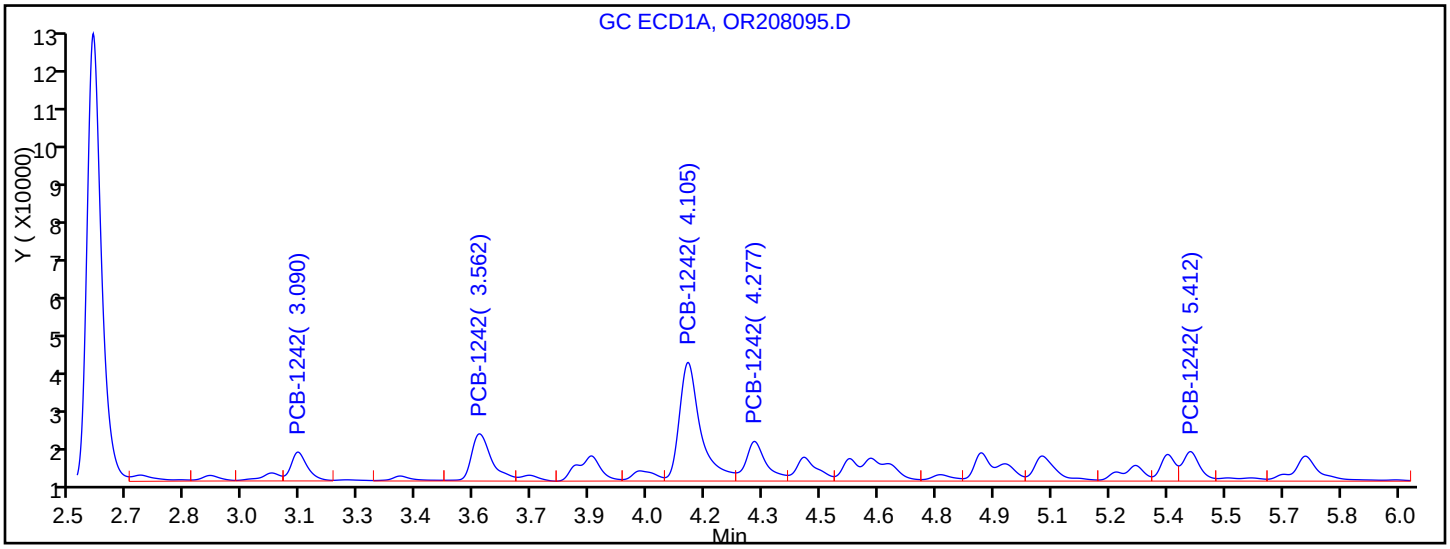
Injection Date:	16-Sep-2013 20:01:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-18SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.090	Response = 21489	
RT = 3.562	Response = 47912	M
RT = 4.105	Response = 113602	
RT = 4.277	Response = 36463	
RT = 5.412	Response = 28152	M



Manual Integration Results

RT = 3.090	Response = 21489	
RT = 3.562	Response = 42920	M
RT = 4.105	Response = 113602	
RT = 4.277	Response = 36463	
RT = 5.412	Response = 22703	M

Reviewer: patelji, 17-Sep-2013 11:08:38

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-SI Lab Sample ID: 460-62968-13

Matrix: Solid Lab File ID: OR208095.D

Analysis Method: 8082 Date Collected: 09/12/2013 10:35

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.05(g) Date Analyzed: 09/16/2013 20:01

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.: 181600 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	92		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208095.D		
Lims ID:	460-62968-E-13-A	Client ID:	PMP-18SE-SI
Inject. Date:	16-Sep-2013 20:01:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-046		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	46
Lims Batch ID:	181600	Lims Sample ID:	46
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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 11:08:38

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.090	3.088	0.002	21489	146.3	
1	3.562	3.562	0.0	42920	148.8	M
1	4.105	4.105	0.0	113602	214.6	
1	4.277	4.277	0.0	36463	161.8	
1	5.412	5.412	0.0	22703	104.5	M
		Average of Peak Amounts =			155.2	
2	2.342	2.343	-0.001	30416	140.5	M
2	2.668	2.670	-0.002	46471	142.2	M
2	3.115	3.123	-0.008	146527	200.7	M
2	3.263	3.265	-0.002	39896	149.2	M
2	3.702	3.703	-0.001	35362	117.6	M
		Average of Peak Amounts =			150.0	
					RPD = 3.39	
$ 5 DCB Decachlorobiphenyl						
1	10.688	10.710	-0.022	185060	47.5	
2	9.370	9.377	-0.007	325022	46.1	
					RPD = 2.94	

QC Flag Legend

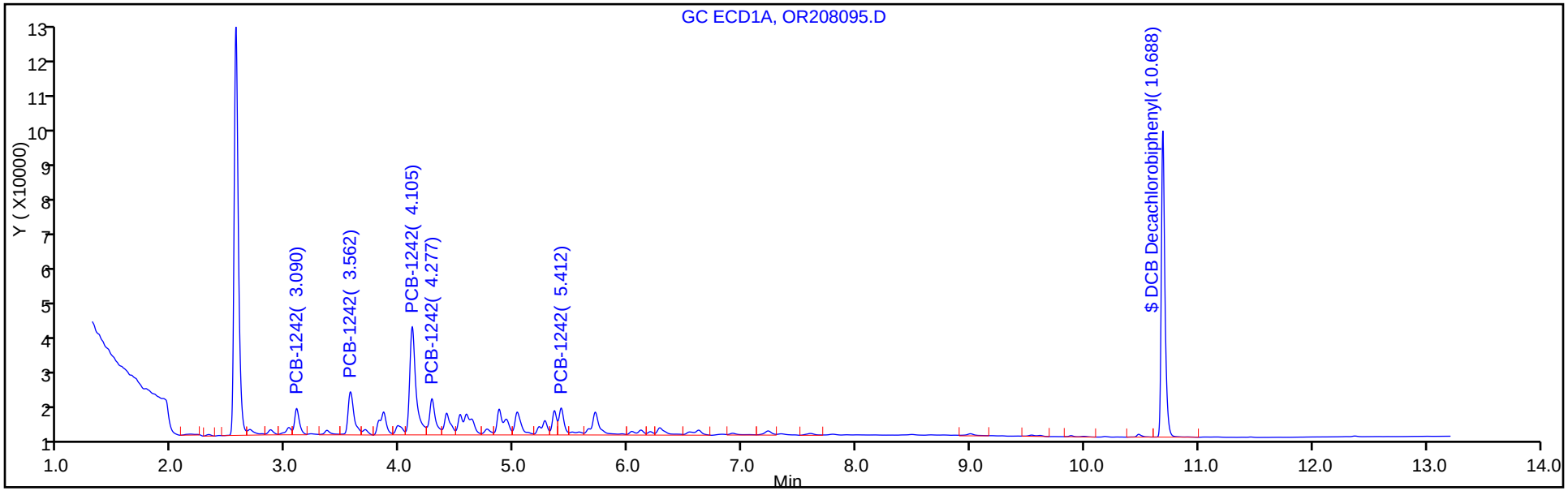
Review Flags
M - Manually Integrated

Report Date: 17-Sep-2013 11:34:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

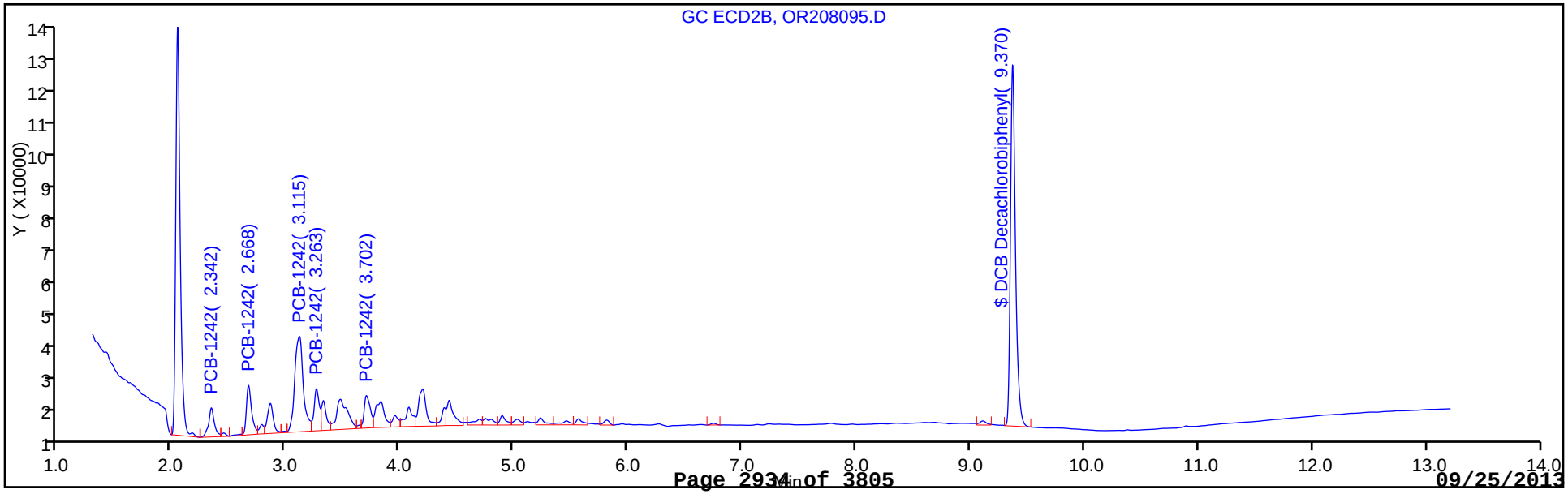
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208095.D		
Injection Date:	16-Sep-2013 20:01:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-18SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



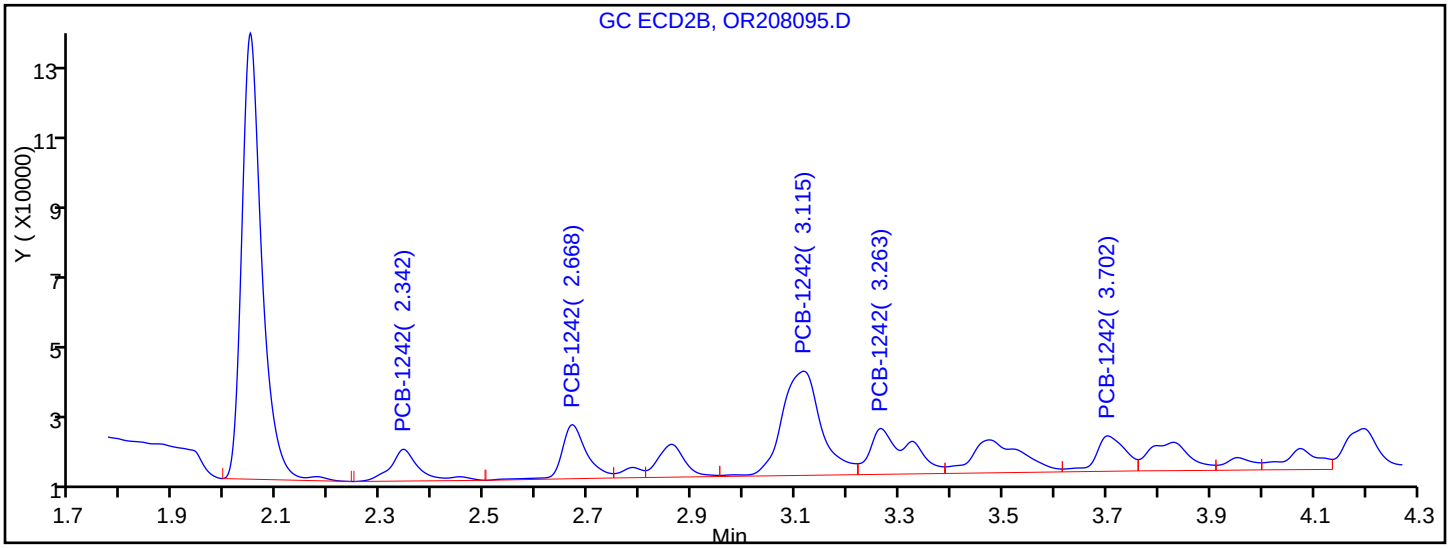
Report Date: 17-Sep-2013 11:34:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208095.D

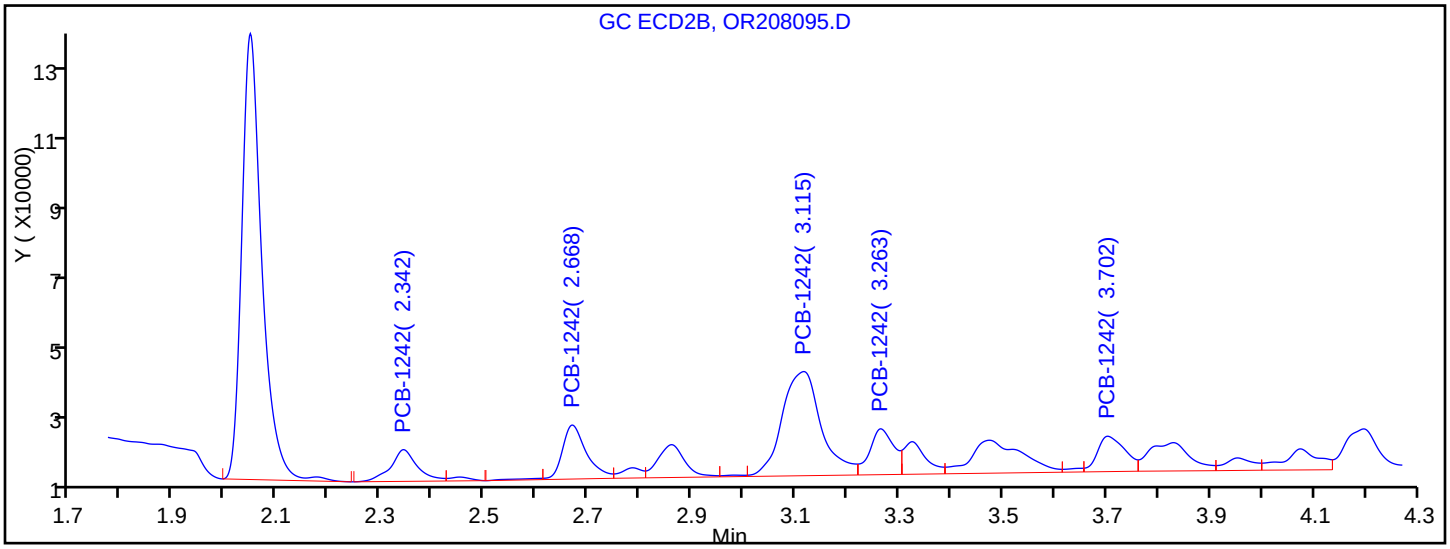
Injection Date:	16-Sep-2013 20:01:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-18SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.342	Response = 33145	M
RT = 2.668	Response = 48020	M
RT = 3.115	Response = 147650	M
RT = 3.263	Response = 65377	M
RT = 3.702	Response = 37587	M



Manual Integration Results

RT = 2.342	Response = 30416	M
RT = 2.668	Response = 46471	M
RT = 3.115	Response = 146527	M
RT = 3.263	Response = 39896	M
RT = 3.702	Response = 35362	M

Reviewer: patelji, 17-Sep-2013 11:08:38

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-VD Lab Sample ID: 460-62968-14

Matrix: Solid Lab File ID: OR208096.D

Analysis Method: 8082 Date Collected: 09/12/2013 10:55

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2013 20:17

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181600 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\20130915-4643.b\OR208096.D		
Lims ID:	460-62968-E-14-B	Client ID:	PMP-17SE-VD
Inject. Date:	16-Sep-2013 20:17:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-047		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	47
Lims Batch ID:	181600	Lims Sample ID:	47
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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 11:08:43

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.715	10.710	0.005	181877	46.6	
2	9.370	9.377	-0.007	315074	44.7	
					RPD = 4.31	

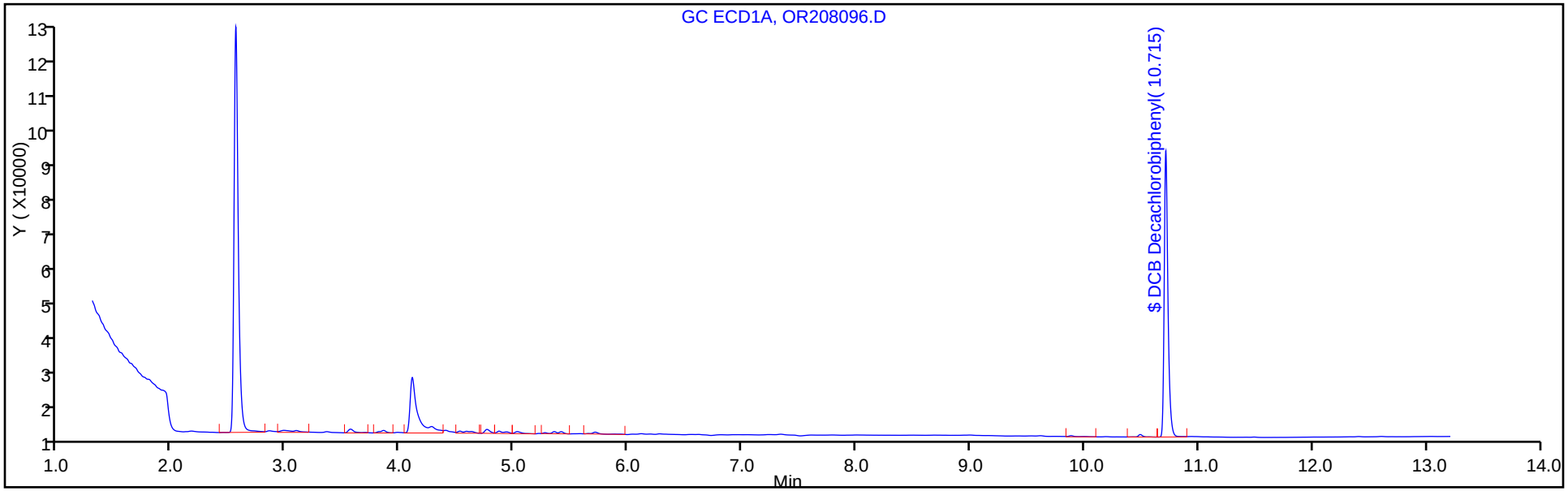
Report Date: 17-Sep-2013 11:34:48 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

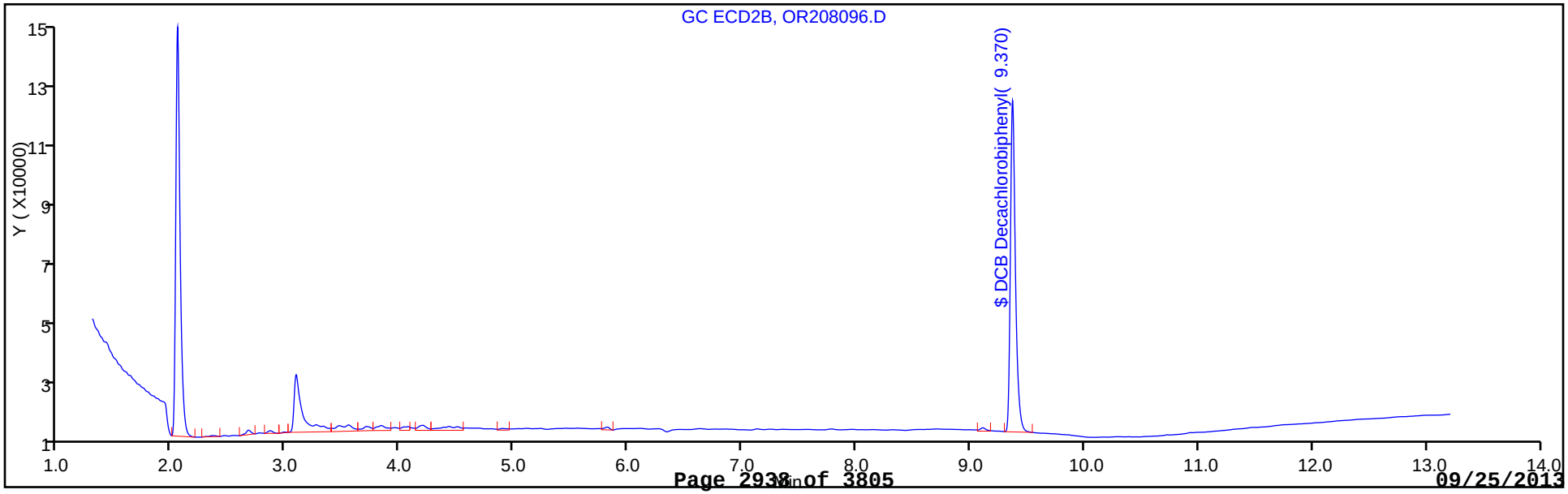
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208096.D

Injection Date:	16-Sep-2013 20:17:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-17SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	47
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-VD | Lab Sample ID: 460-62968-14

Matrix: Solid | Lab File ID: OR208096.D

Analysis Method: 8082 | Date Collected: 09/12/2013 10:55

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.00(g) | Date Analyzed: 09/16/2013 20:17

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181600 | 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\20130915-4643.b\OR208096.D		
Lims ID:	460-62968-E-14-B	Client ID:	PMP-17SE-VD
Inject. Date:	16-Sep-2013 20:17:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-047		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	47
Lims Batch ID:	181600	Lims Sample ID:	47
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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 11:08:43

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.715	10.710	0.005	181877	46.6	
2	9.370	9.377	-0.007	315074	44.7	
					RPD = 4.31	

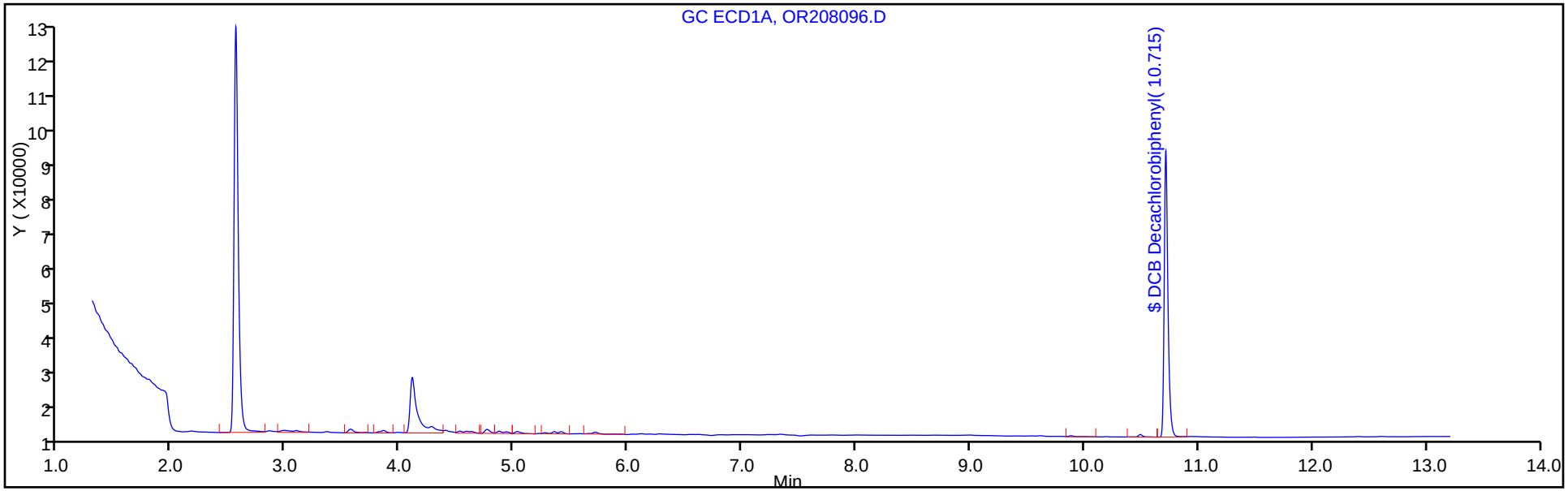
Report Date: 17-Sep-2013 11:34:48 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

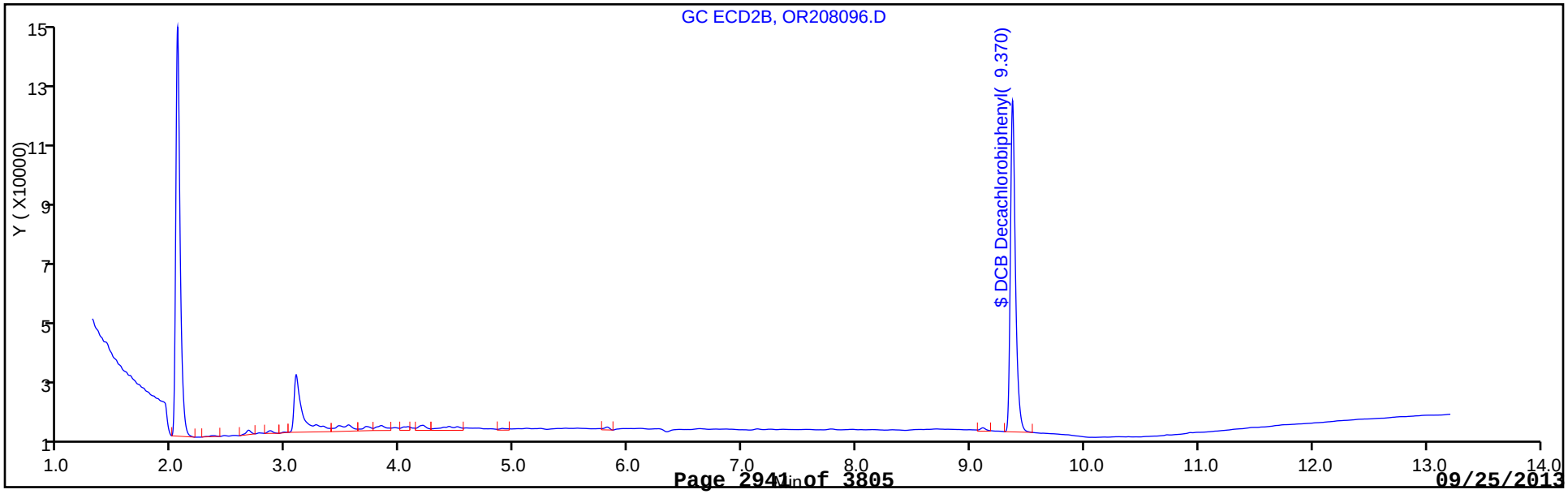
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208096.D

Injection Date:	16-Sep-2013 20:17:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-17SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	47
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-WT | Lab Sample ID: 460-62968-15

Matrix: Solid | Lab File ID: OR208140.D

Analysis Method: 8082 | Date Collected: 09/12/2013 11:00

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.03(g) | Date Analyzed: 09/17/2013 12:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	21000		1600	350

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\20130917-4712.b\OR208140.D		
Lims ID:	460-62968-E-15-B	Client ID:	PMP-17SE-WT
Inject. Date:	17-Sep-2013 12:00:30	Dil. Factor:	20.0000
Sample Type:	Client		
Sample ID:	460-0004712-014		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	181716	Lims Sample ID:	14
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 13:32:32	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 12:22:14

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.085	3.088	-0.003	175429	1194.3	
1	3.558	3.562	-0.004	400422	1388.3	
1	4.100	4.105	-0.005	750335	1417.6	
1	4.273	4.277	-0.004	313667	1391.9	
1	5.407	5.412	-0.005	327311	1506.9	M
		Average of Peak Amounts =			1379.8	
2	2.342	2.343	-0.001	240052	1109.2	
2	2.668	2.670	-0.002	410796	1256.8	
2	3.122	3.123	-0.001	929704	1273.2	M
2	3.263	3.265	-0.002	359481	1344.0	
2	3.702	3.703	-0.001	398781	1326.3	
		Average of Peak Amounts =			1261.9	
					RPD = 8.92	

QC Flag Legend

Review Flags
M - Manually Integrated

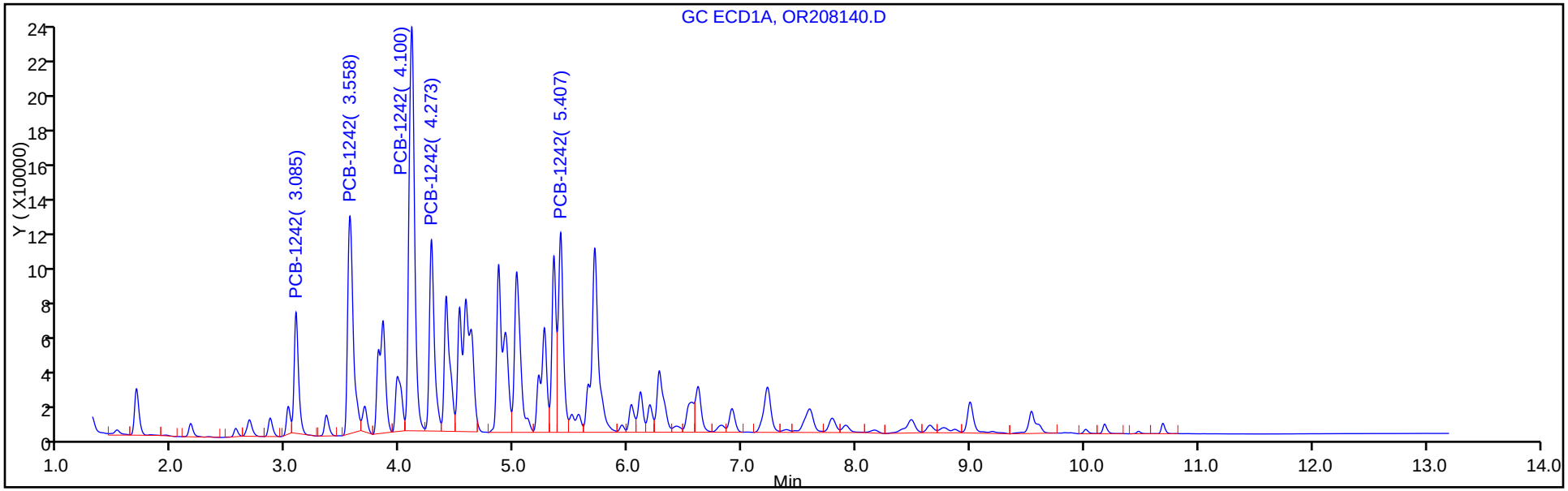
Report Date: 17-Sep-2013 13:32:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

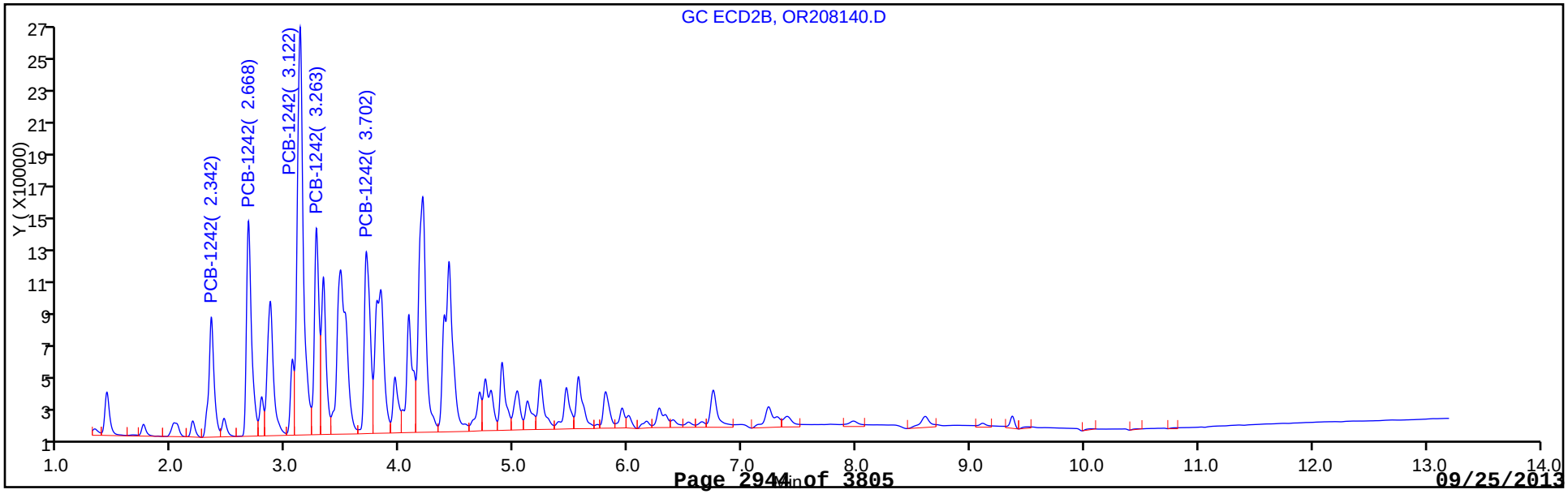
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208140.D

Injection Date:	17-Sep-2013 12:00:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-17SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



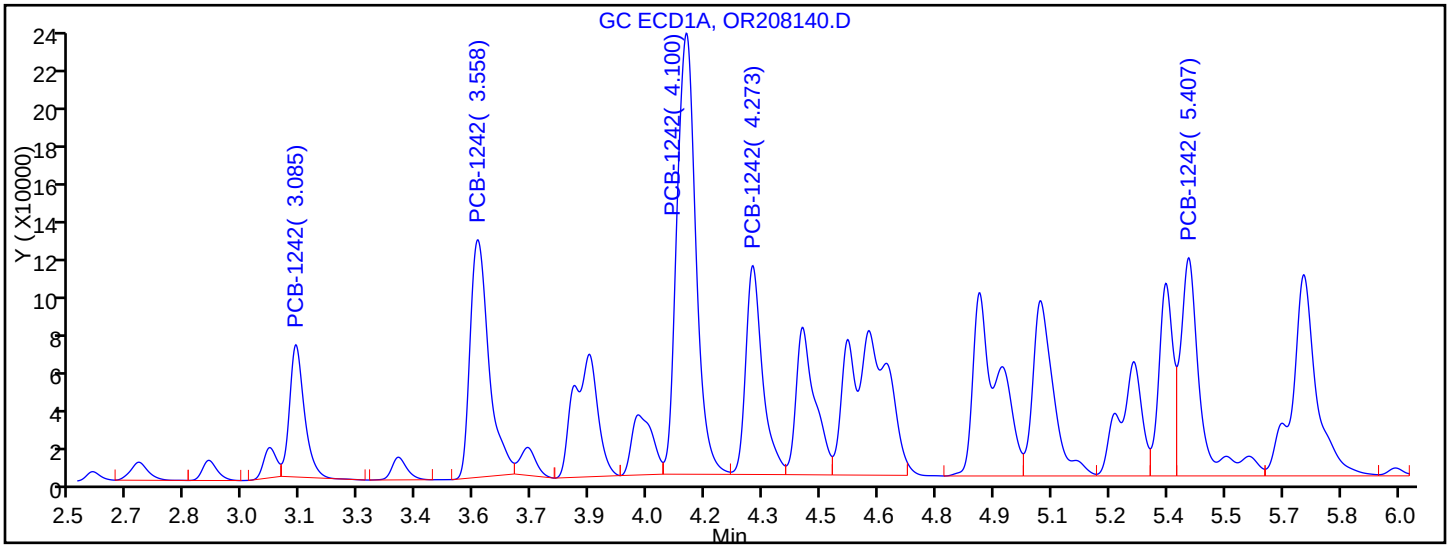
Report Date: 17-Sep-2013 13:32:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208140.D

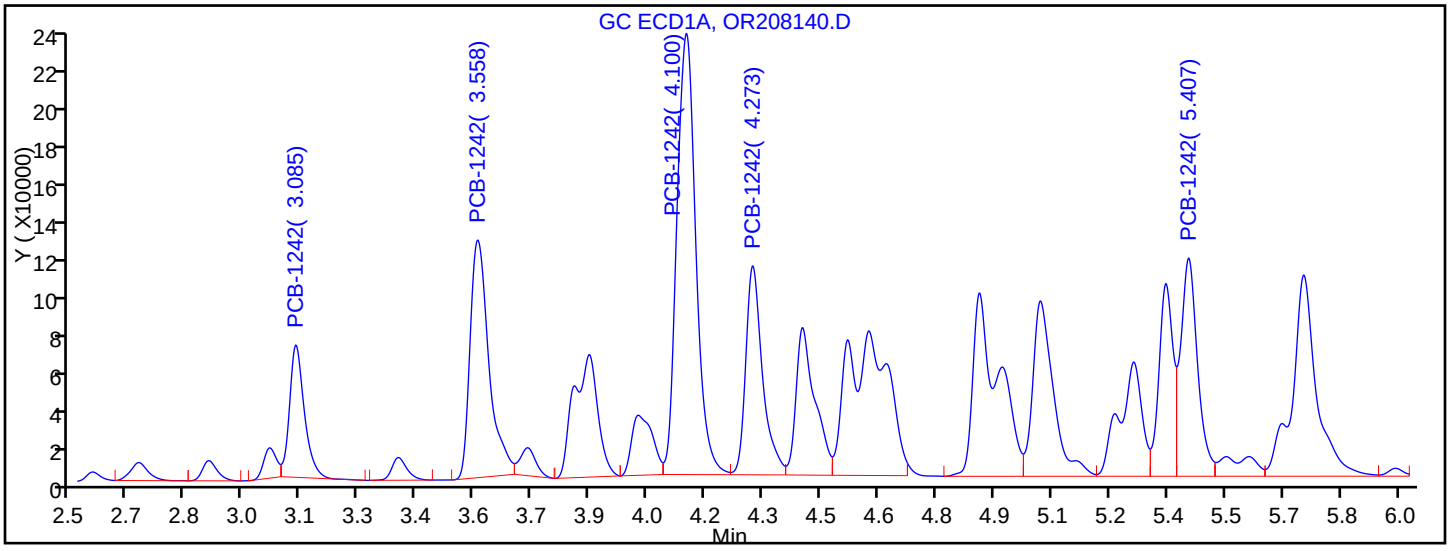
Injection Date:	17-Sep-2013 12:00:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-17SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.085	Response = 175429	
RT = 3.558	Response = 400422	
RT = 4.100	Response = 750335	
RT = 4.273	Response = 313667	
RT = 5.407	Response = 386117	M



Manual Integration Results

RT = 3.085	Response = 175429	
RT = 3.558	Response = 400422	
RT = 4.100	Response = 750335	
RT = 4.273	Response = 313667	
RT = 5.407	Response = 327311	M

Reviewer: patelji, 17-Sep-2013 12:22:14

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-WT Lab Sample ID: 460-62968-15

Matrix: Solid Lab File ID: OR208140.D

Analysis Method: 8082 Date Collected: 09/12/2013 11:00

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.03(g) Date Analyzed: 09/17/2013 12:00

Con. Extract Vol.: 10(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	350	U	1600	350
11104-28-2	Aroclor 1221	350	U	1600	350
11141-16-5	Aroclor 1232	350	U	1600	350
12672-29-6	Aroclor 1248	350	U	1600	350
11097-69-1	Aroclor 1254	440	U	1600	440
11096-82-5	Aroclor 1260	440	U	1600	440
37324-23-5	Aroclor 1262	440	U	1600	440
11100-14-4	Aroclor 1268	440	U	1600	440

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\20130917-4712.b\OR208140.D		
Lims ID:	460-62968-E-15-B	Client ID:	PMP-17SE-WT
Inject. Date:	17-Sep-2013 12:00:30	Dil. Factor:	20.0000
Sample Type:	Client		
Sample ID:	460-0004712-014		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	181716	Lims Sample ID:	14
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 13:32:32	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 12:22:14

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.085	3.088	-0.003	175429	1194.3	
1	3.558	3.562	-0.004	400422	1388.3	
1	4.100	4.105	-0.005	750335	1417.6	
1	4.273	4.277	-0.004	313667	1391.9	
1	5.407	5.412	-0.005	327311	1506.9	M
		Average of Peak Amounts =			1379.8	
2	2.342	2.343	-0.001	240052	1109.2	
2	2.668	2.670	-0.002	410796	1256.8	
2	3.122	3.123	-0.001	929704	1273.2	M
2	3.263	3.265	-0.002	359481	1344.0	
2	3.702	3.703	-0.001	398781	1326.3	
		Average of Peak Amounts =			1261.9	
					RPD = 8.92	

QC Flag Legend

Review Flags
M - Manually Integrated

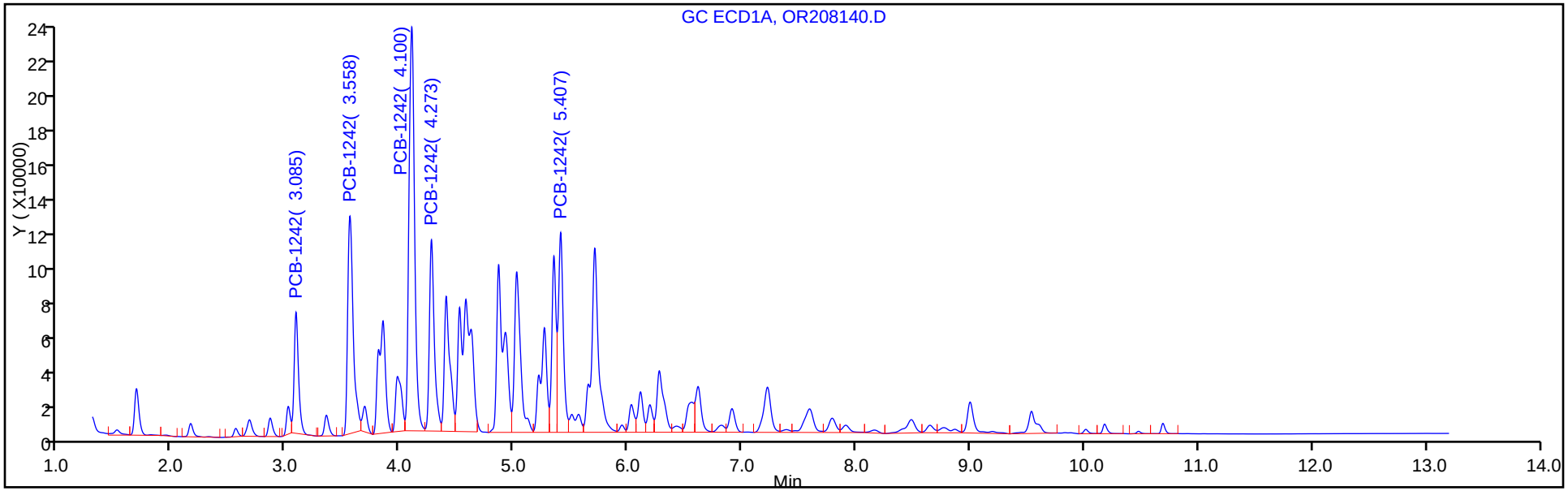
Report Date: 17-Sep-2013 13:32:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

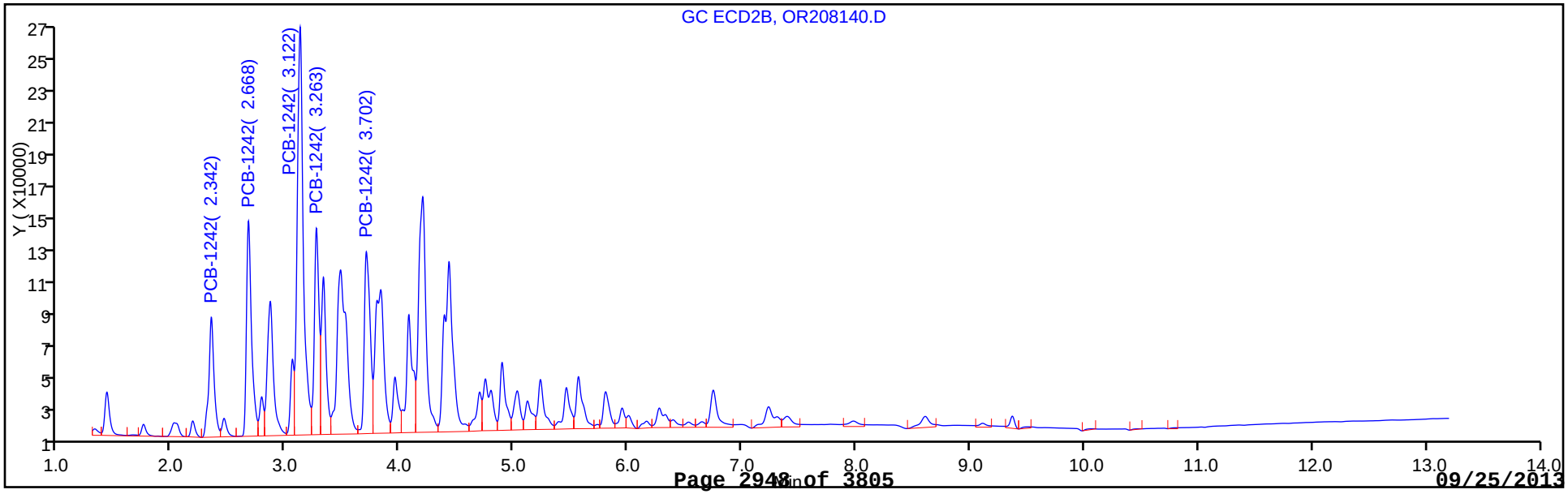
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208140.D

Injection Date:	17-Sep-2013 12:00:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-17SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



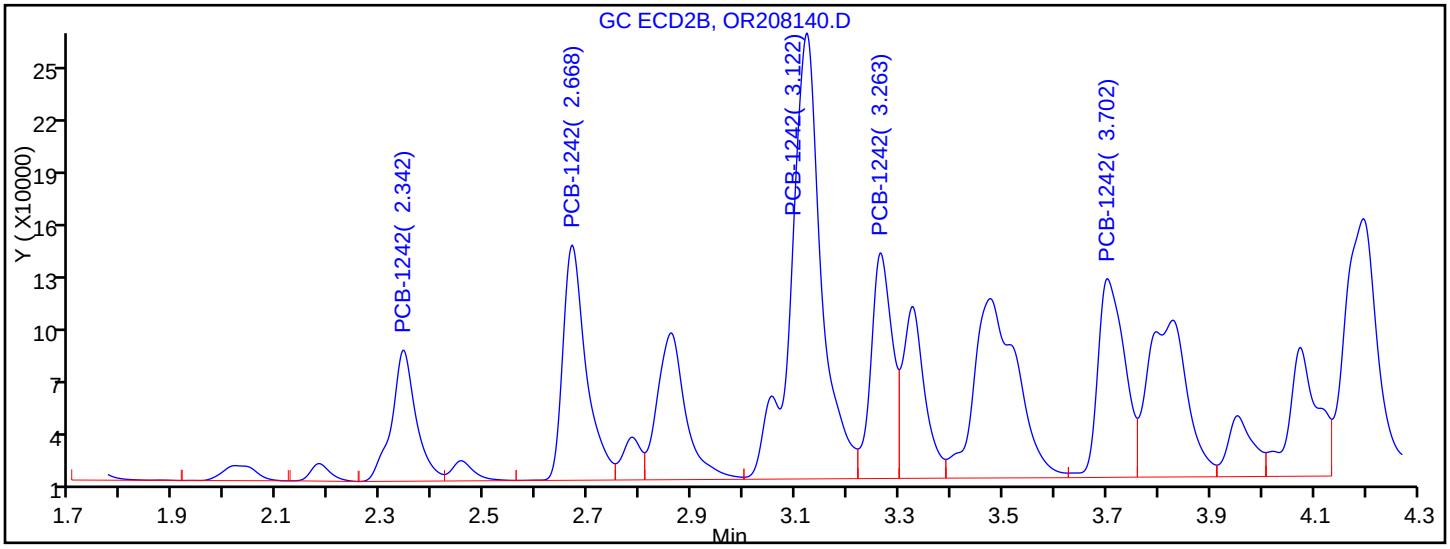
Report Date: 17-Sep-2013 13:32:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208140.D

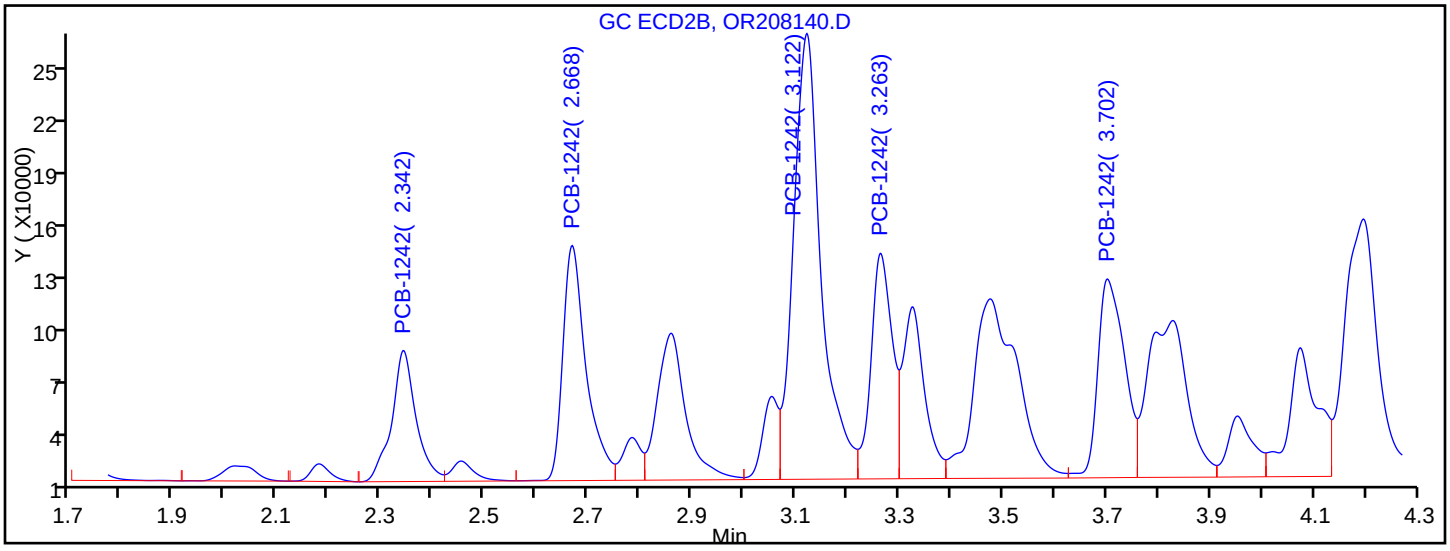
Injection Date:	17-Sep-2013 12:00:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-17SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.342	Response = 240052	
RT = 2.668	Response = 410796	
RT = 3.122	Response = 1028525	M
RT = 3.263	Response = 359481	
RT = 3.702	Response = 398781	



Manual Integration Results

RT = 2.342	Response = 240052	
RT = 2.668	Response = 410796	
RT = 3.122	Response = 929704	M
RT = 3.263	Response = 359481	
RT = 3.702	Response = 398781	

Reviewer: patelji, 17-Sep-2013 12:22:14

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-SI Lab Sample ID: 460-62968-16

Matrix: Solid Lab File ID: OR208098.D

Analysis Method: 8082 Date Collected: 09/12/2013 11:05

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.02(g) Date Analyzed: 09/16/2013 20:50

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181600 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\20130915-4643.b\OR208098.D		
Lims ID:	460-62968-E-16-B	Client ID:	PMP-17SE-SI
Inject. Date:	16-Sep-2013 20:50:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-049		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	49
Lims Batch ID:	181600	Lims Sample ID:	49
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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 11:09:49

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.090	3.088	0.002	10285	70.0	
1	3.562	3.562	0.0	23475	81.4	M
1	4.105	4.105	0.0	73743	139.3	
1	4.277	4.277	0.0	20642	91.6	M
1	5.410	5.412	-0.002	12520	57.6	M
		Average of Peak Amounts =			88.0	
2	2.342	2.343	-0.001	14038	64.9	M
2	2.668	2.670	-0.002	27323	83.6	
2	3.107	3.123	-0.016	95721	131.1	M
2	3.263	3.265	-0.002	22893	85.6	M
2	3.702	3.703	-0.001	23466	78.0	M
		Average of Peak Amounts =			88.6	
					RPD = 0.73	
$ 5 DCB Decachlorobiphenyl						
1	10.705	10.710	-0.005	176608	45.3	
2	9.370	9.377	-0.007	309990	44.0	
					RPD = 3.00	

QC Flag Legend

Review Flags
M - Manually Integrated

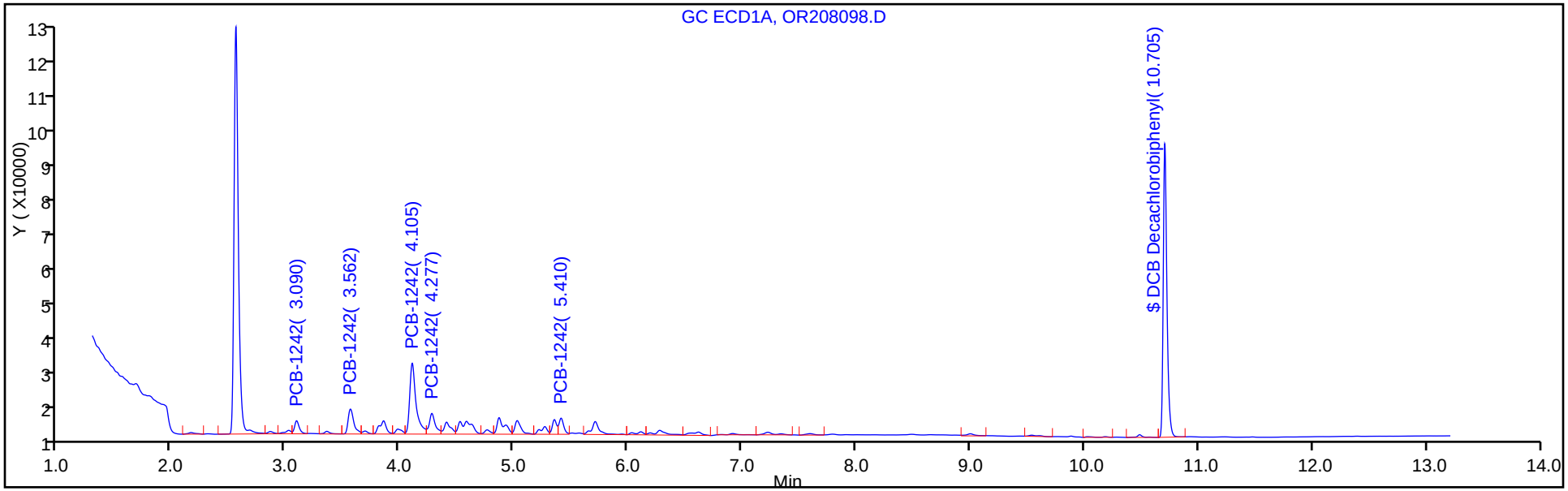
Report Date: 17-Sep-2013 11:34:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

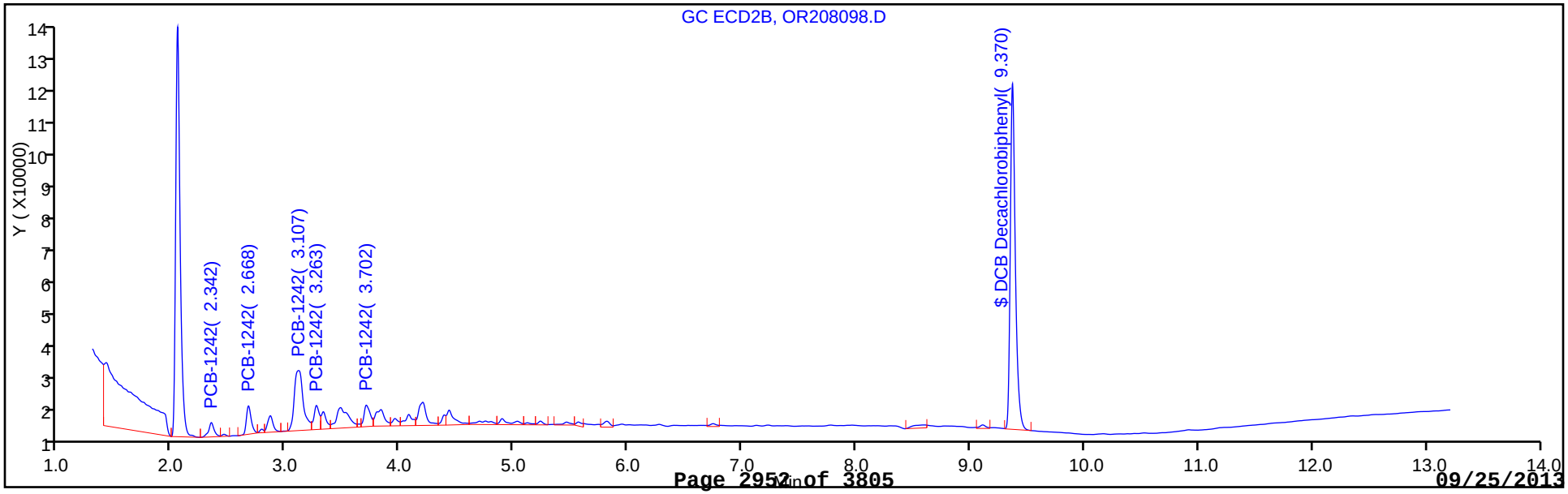
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208098.D

Injection Date:	16-Sep-2013 20:50:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-17SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



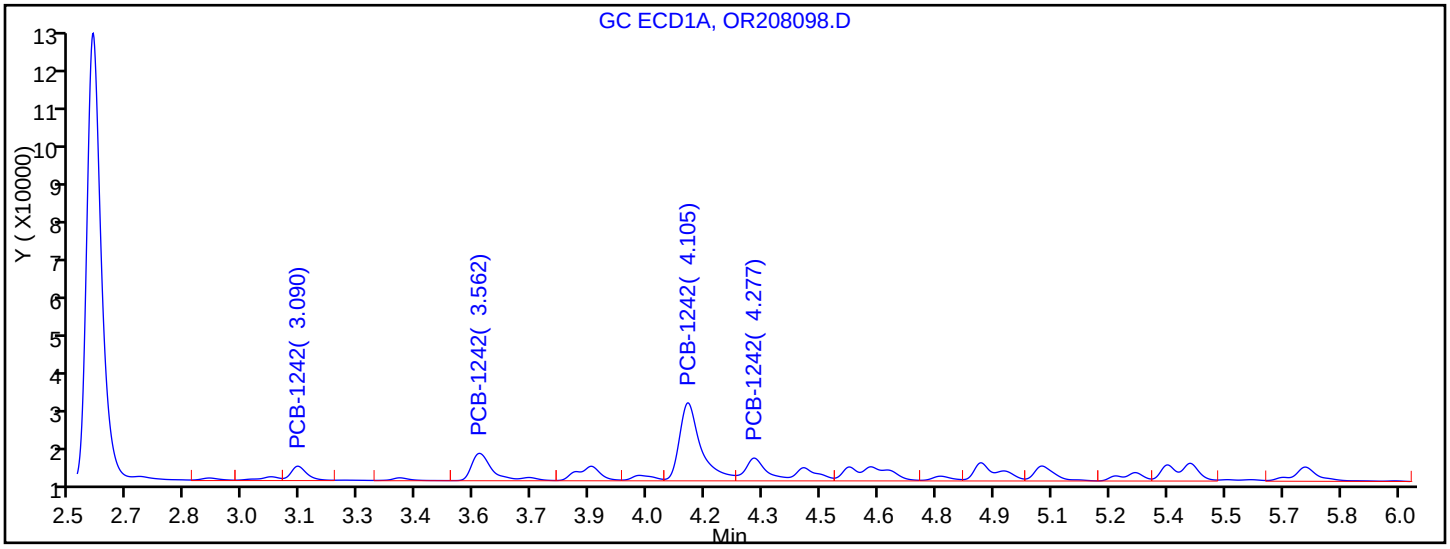
Report Date: 17-Sep-2013 11:34:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208098.D

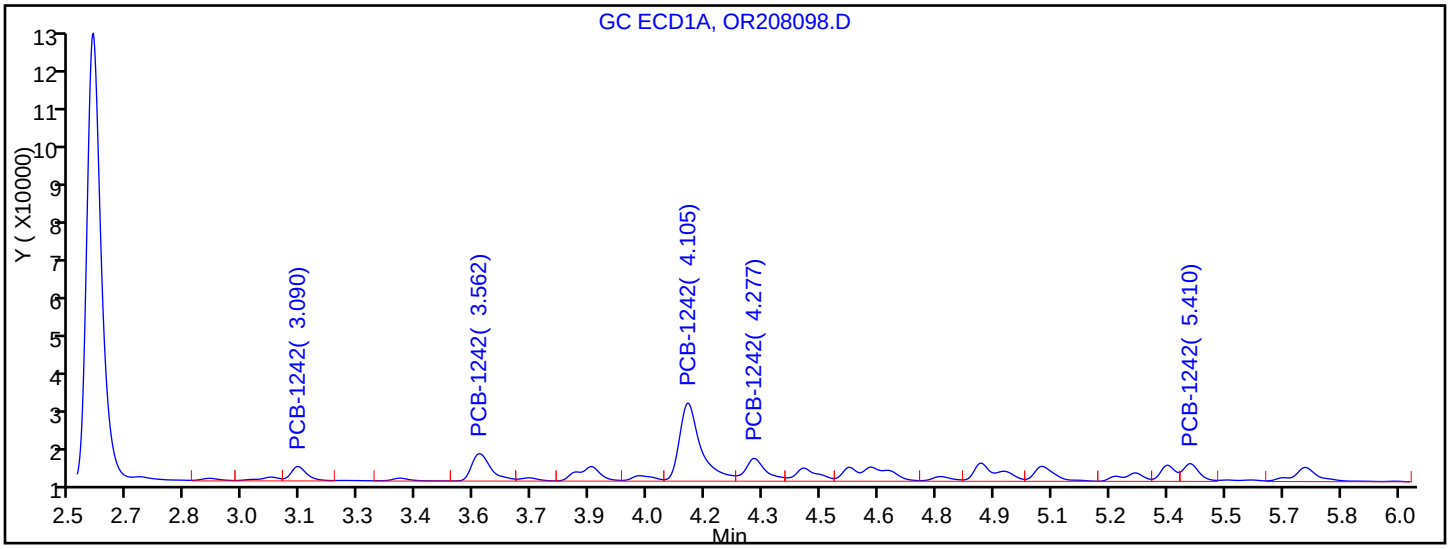
Injection Date:	16-Sep-2013 20:50:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-17SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.090	Response = 10285	
RT = 3.562	Response = 26138	M
RT = 4.105	Response = 73743	
RT = 4.277	Response = 33902	M
RT = 5.352	Response = 23255	M



Manual Integration Results

RT = 3.090	Response = 10285	
RT = 3.562	Response = 23475	M
RT = 4.105	Response = 73743	
RT = 4.277	Response = 20642	M
RT = 5.410	Response = 12520	M

Reviewer: patelji, 17-Sep-2013 11:09:49
Audit Action: Split an Integrated Peak
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-SI | Lab Sample ID: 460-62968-16

Matrix: Solid | Lab File ID: OR208098.D

Analysis Method: 8082 | Date Collected: 09/12/2013 11:05

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.02(g) | Date Analyzed: 09/16/2013 20:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181600 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	18	U	79	18
11104-28-2	Aroclor 1221	18	U	79	18
11141-16-5	Aroclor 1232	18	U	79	18
53469-21-9	Aroclor 1242	70	J	79	18
12672-29-6	Aroclor 1248	18	U	79	18
11097-69-1	Aroclor 1254	22	U	79	22
11096-82-5	Aroclor 1260	22	U	79	22
37324-23-5	Aroclor 1262	22	U	79	22
11100-14-4	Aroclor 1268	22	U	79	22

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\20130915-4643.b\OR208098.D		
Lims ID:	460-62968-E-16-B	Client ID:	PMP-17SE-SI
Inject. Date:	16-Sep-2013 20:50:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-049		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	49
Lims Batch ID:	181600	Lims Sample ID:	49
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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 11:09:49

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.090	3.088	0.002	10285	70.0	
1	3.562	3.562	0.0	23475	81.4	M
1	4.105	4.105	0.0	73743	139.3	
1	4.277	4.277	0.0	20642	91.6	M
1	5.410	5.412	-0.002	12520	57.6	M
		Average of Peak Amounts =			88.0	
2	2.342	2.343	-0.001	14038	64.9	M
2	2.668	2.670	-0.002	27323	83.6	
2	3.107	3.123	-0.016	95721	131.1	M
2	3.263	3.265	-0.002	22893	85.6	M
2	3.702	3.703	-0.001	23466	78.0	M
		Average of Peak Amounts =			88.6	
					RPD = 0.73	
$ 5 DCB Decachlorobiphenyl						
1	10.705	10.710	-0.005	176608	45.3	
2	9.370	9.377	-0.007	309990	44.0	
					RPD = 3.00	

QC Flag Legend

Review Flags
M - Manually Integrated

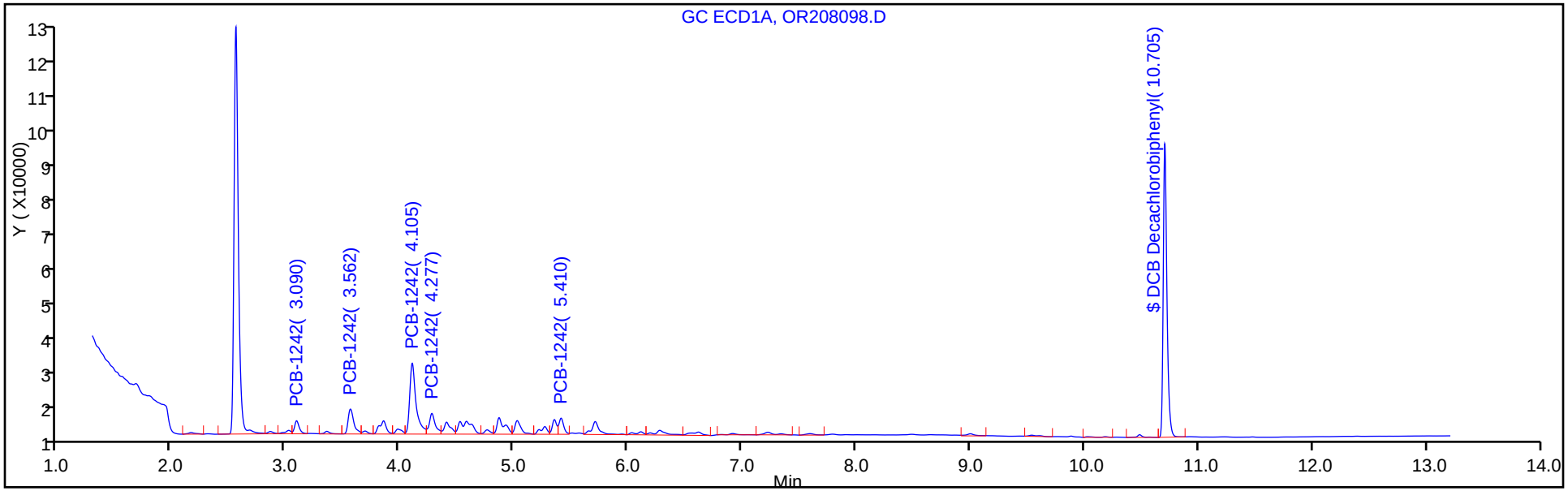
Report Date: 17-Sep-2013 11:34:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

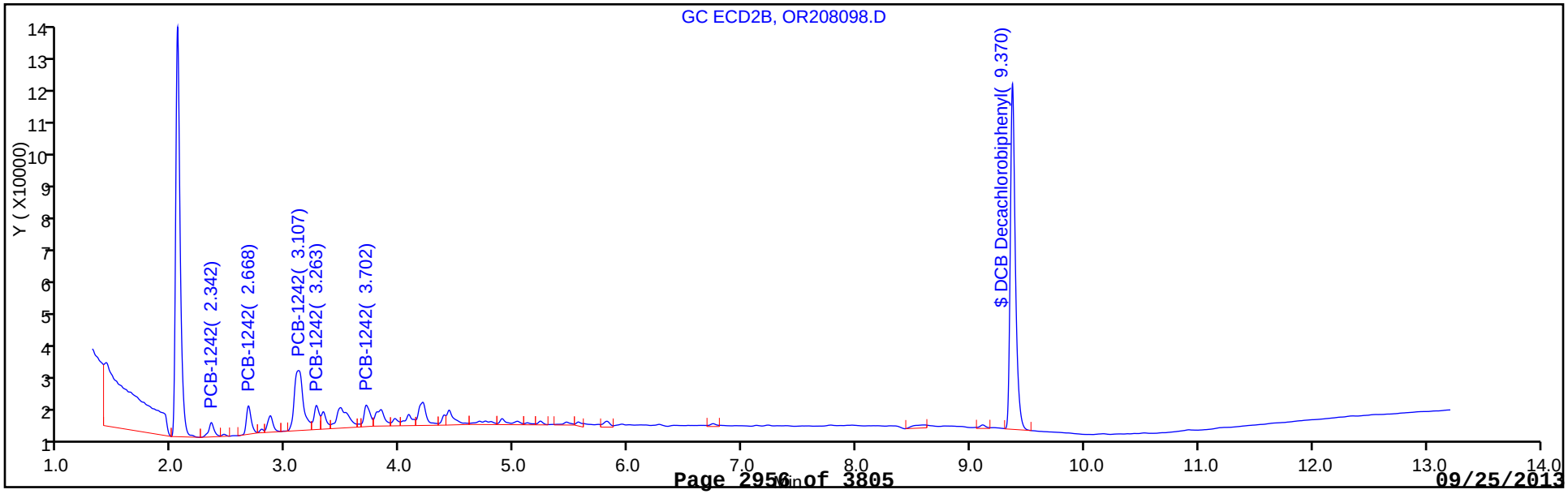
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208098.D

Injection Date:	16-Sep-2013 20:50:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-17SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



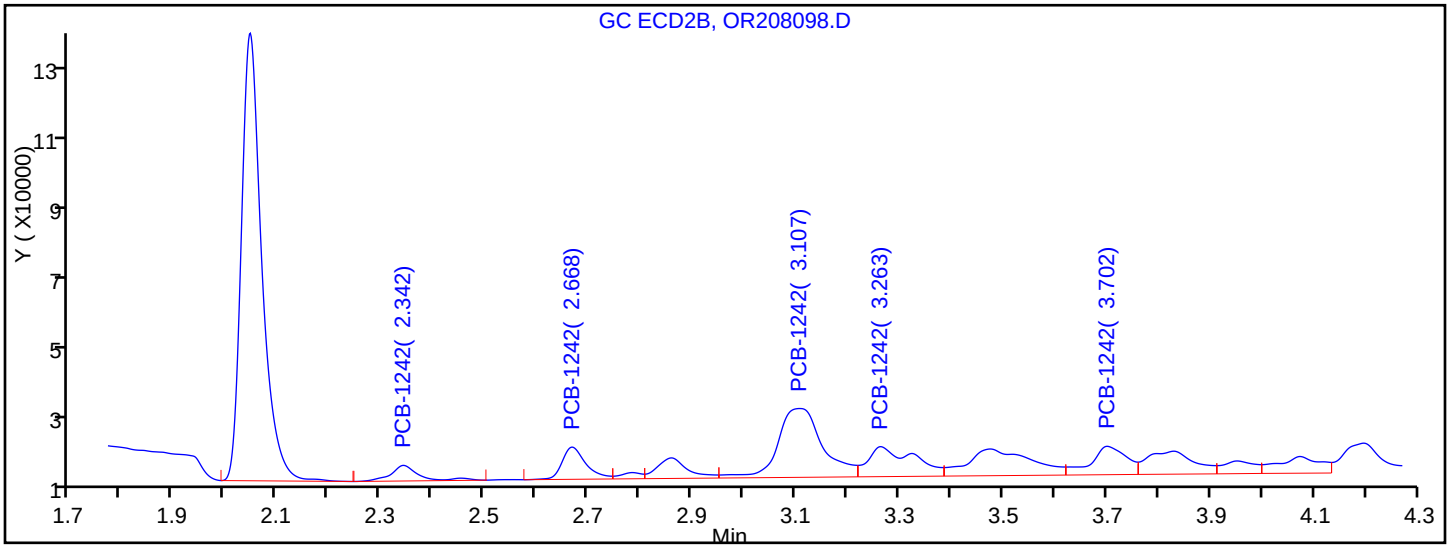
Report Date: 17-Sep-2013 11:34:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208098.D

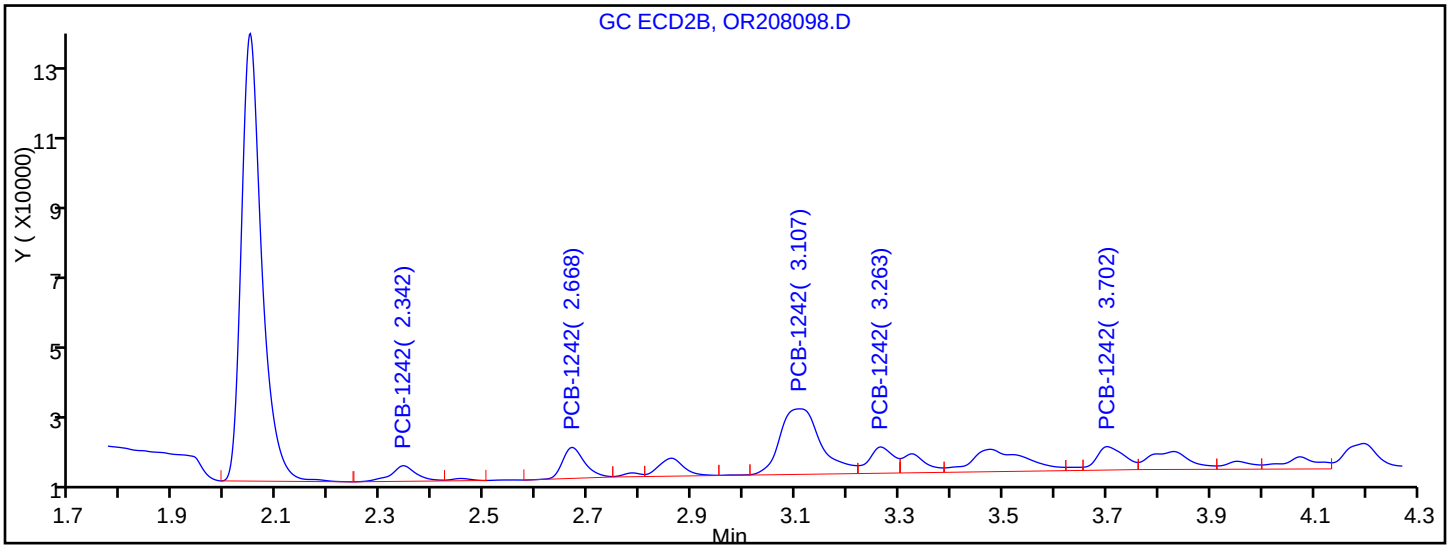
Injection Date:	16-Sep-2013 20:50:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-17SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.342	Response = 15547	M
RT = 2.668	Response = 27323	
RT = 3.107	Response = 109745	M
RT = 3.263	Response = 48779	M
RT = 3.702	Response = 36114	M



Manual Integration Results

RT = 2.342	Response = 14038	M
RT = 2.668	Response = 27323	
RT = 3.107	Response = 95721	M
RT = 3.263	Response = 22893	M
RT = 3.702	Response = 23466	M

Reviewer: patelji, 17-Sep-2013 11:09:49

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-VD Lab Sample ID: 460-62968-17

Matrix: Solid Lab File ID: OR208099.D

Analysis Method: 8082 Date Collected: 09/12/2013 11:30

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.05(g) Date Analyzed: 09/16/2013 21:07

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.: 181600 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\20130915-4643.b\OR208099.D		
Lims ID:	460-62968-E-17-B	Client ID:	PMP-16SE-VD
Inject. Date:	16-Sep-2013 21:07:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-050		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	50
Lims Batch ID:	181600	Lims Sample ID:	50
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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 11:09:57

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.707	10.710	-0.003	191423	49.1	
2	9.368	9.377	-0.009	331536	47.0	
					RPD = 4.33	

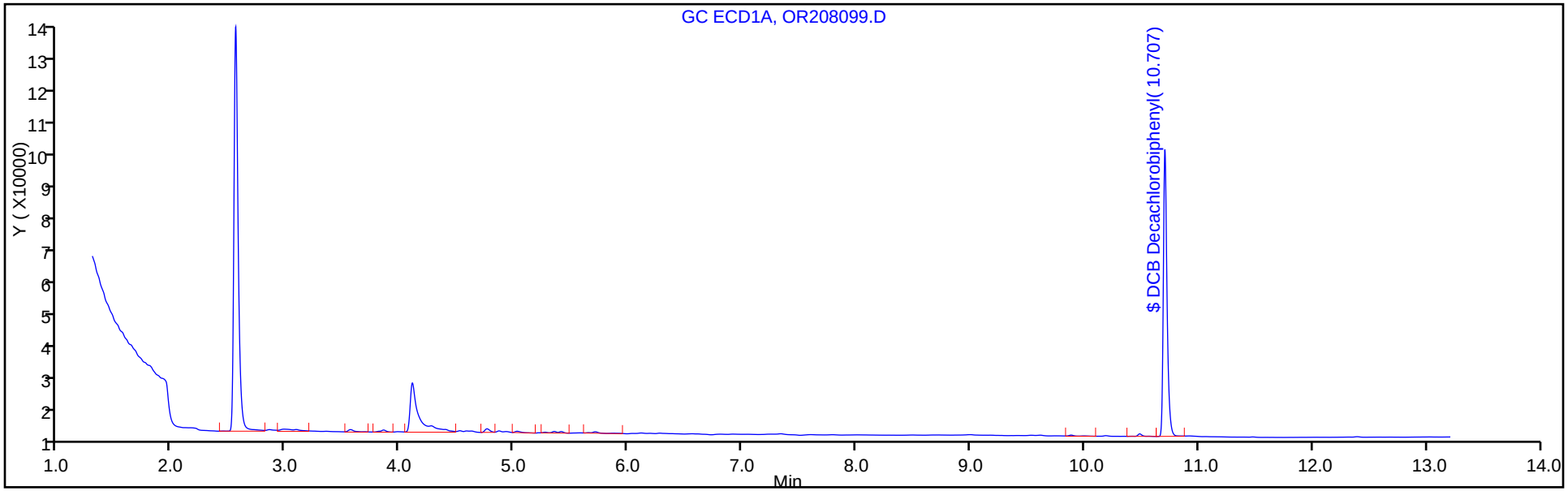
Report Date: 17-Sep-2013 11:34:57 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

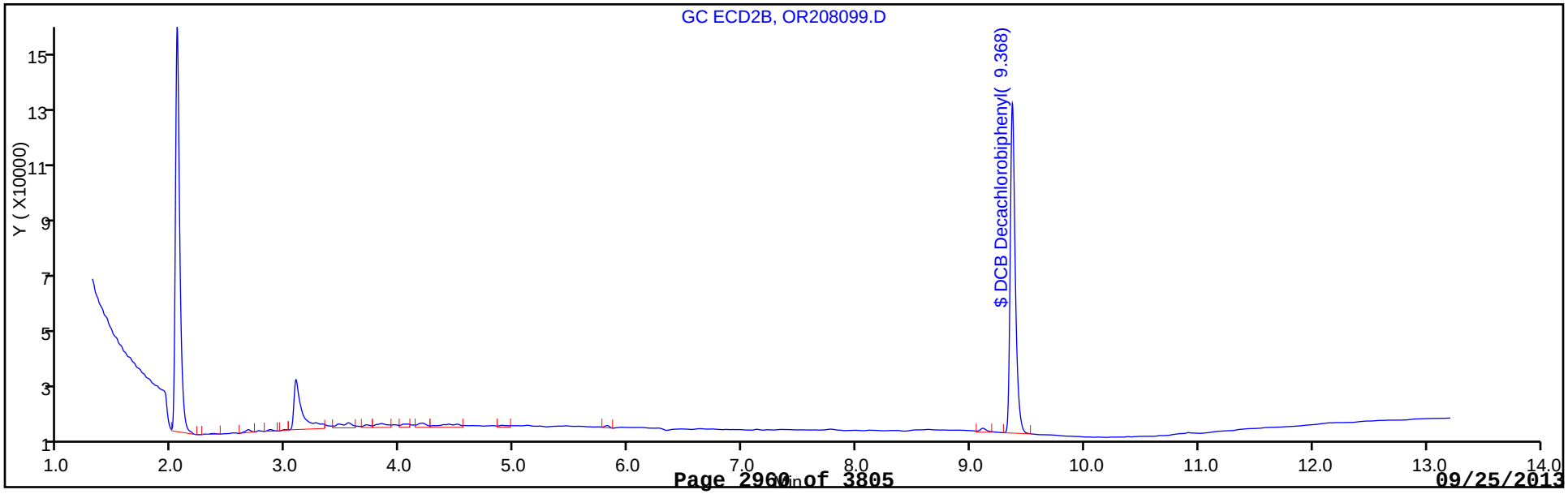
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208099.D

Injection Date:	16-Sep-2013 21:07:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-16SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-VD | Lab Sample ID: 460-62968-17

Matrix: Solid | Lab File ID: OR208099.D

Analysis Method: 8082 | Date Collected: 09/12/2013 11:30

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.05(g) | Date Analyzed: 09/16/2013 21:07

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.: 181600 | 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	94		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208099.D		
Lims ID:	460-62968-E-17-B	Client ID:	PMP-16SE-VD
Inject. Date:	16-Sep-2013 21:07:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-050		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	50
Lims Batch ID:	181600	Lims Sample ID:	50
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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 11:09:57

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.707	10.710	-0.003	191423	49.1	
2	9.368	9.377	-0.009	331536	47.0	
					RPD = 4.33	

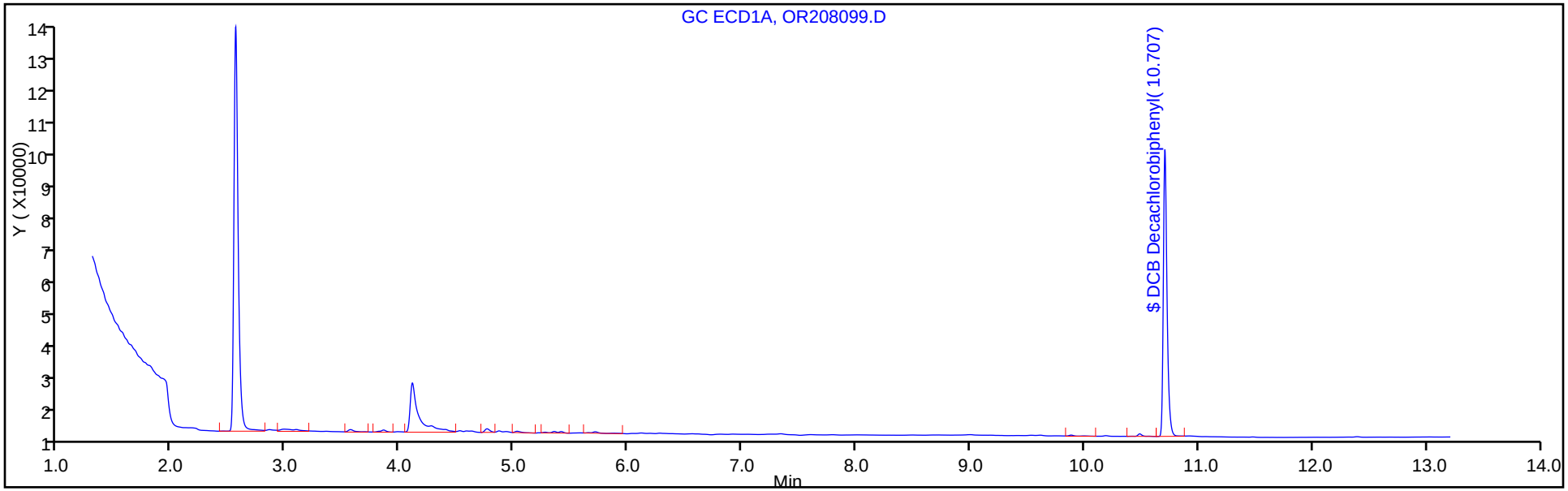
Report Date: 17-Sep-2013 11:34:57 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

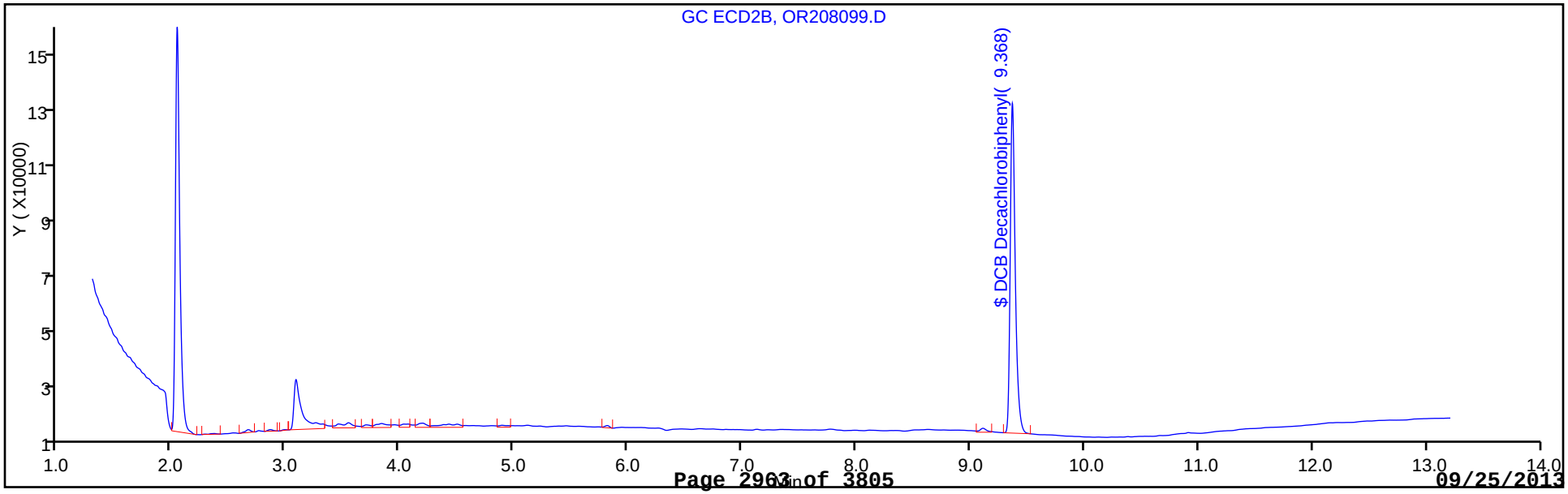
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208099.D

Injection Date:	16-Sep-2013 21:07:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-16SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-WT | Lab Sample ID: 460-62968-18

Matrix: Solid | Lab File ID: OR208141.D

Analysis Method: 8082 | Date Collected: 09/12/2013 11:35

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.04(g) | Date Analyzed: 09/17/2013 12:17

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	3900		390	87
11096-82-5	Aroclor 1260	520		390	110

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208141.D
Lims ID: 460-62968-E-18-B Client ID: PMP-16SE-WT
Inject. Date: 17-Sep-2013 12:17:30 Dil. Factor: 5.0000
Sample Type: Client
Sample ID: 460-0004712-015
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 181716 Lims Sample ID: 15
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m
Last Update: 17-Sep-2013 13:32:32 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 13:01:56

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.088	3.088	0.0	133297	907.4	M
1	3.562	3.562	0.0	292015	1012.4	M
1	4.103	4.105	-0.002	539104	1018.6	M
1	4.275	4.277	-0.002	230874	1024.5	M
1	5.408	5.412	-0.004	236647	1089.5	M
		Average of Peak Amounts =			1010.5	
2	2.342	2.343	-0.001	160658	742.4	
2	2.667	2.670	-0.003	274728	840.5	
2	3.120	3.123	-0.003	612066	838.2	M
2	3.263	3.265	-0.002	233164	871.7	M
2	3.702	3.703	-0.001	259648	863.6	M
		Average of Peak Amounts =			831.3	
					RPD = 19.46	
10 PCB-1260						M
1	0.0	6.575	-6.575	0	0	
1	6.910	6.920	-0.010	66592	154.9	M
1	8.483	8.497	-0.014	49744	123.6	M
1	8.998	9.007	-0.009	90105	132.9	M
1	10.178	10.185	-0.007	20081	126.5	M
		Average of Peak Amounts =			134.5	
2	0.0	5.118	-5.118	0	0	
2	6.270	6.277	-0.007	54860	135.3	M
2	6.743	6.752	-0.009	131185	136.0	M
2	7.228	7.238	-0.010	64928	130.7	M
2	8.602	8.613	-0.011	37433	123.4	M
		Average of Peak Amounts =			131.4	
					RPD = 2.34	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						M
1	10.688	10.710	-0.022	43326	11.1	M
2	9.367	9.377	-0.010	65401	9.27	M
					RPD = 18.03	

QC Flag Legend

Review Flags
M - Manually Integrated

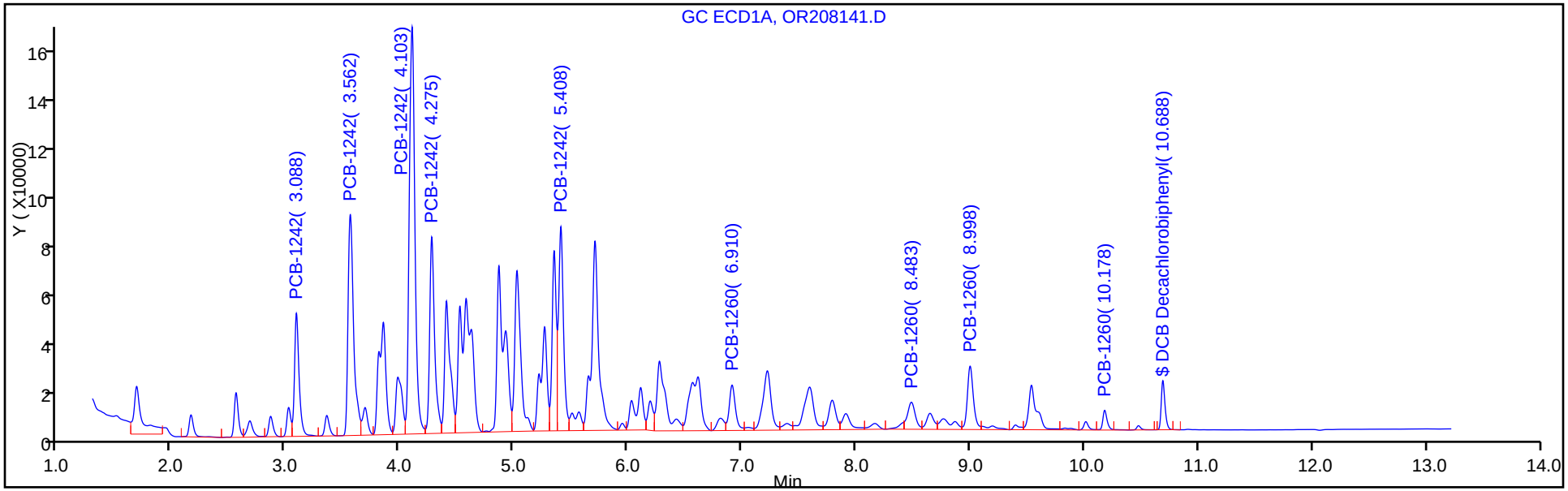
Report Date: 17-Sep-2013 13:32:52 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

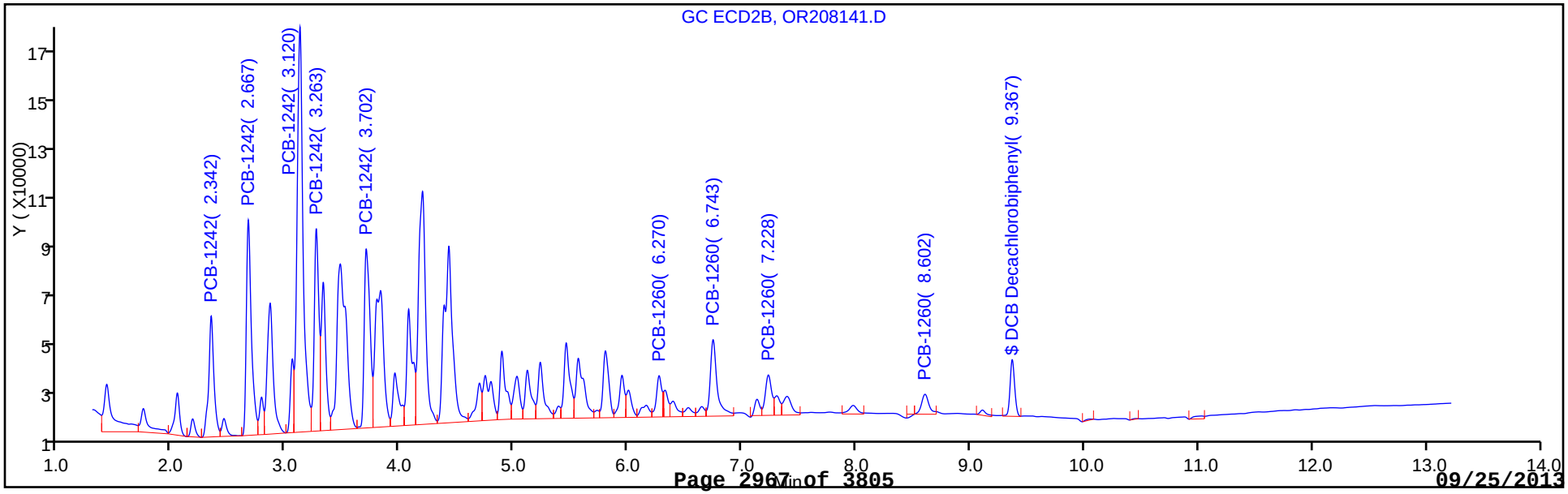
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208141.D

Injection Date:	17-Sep-2013 12:17:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-16SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

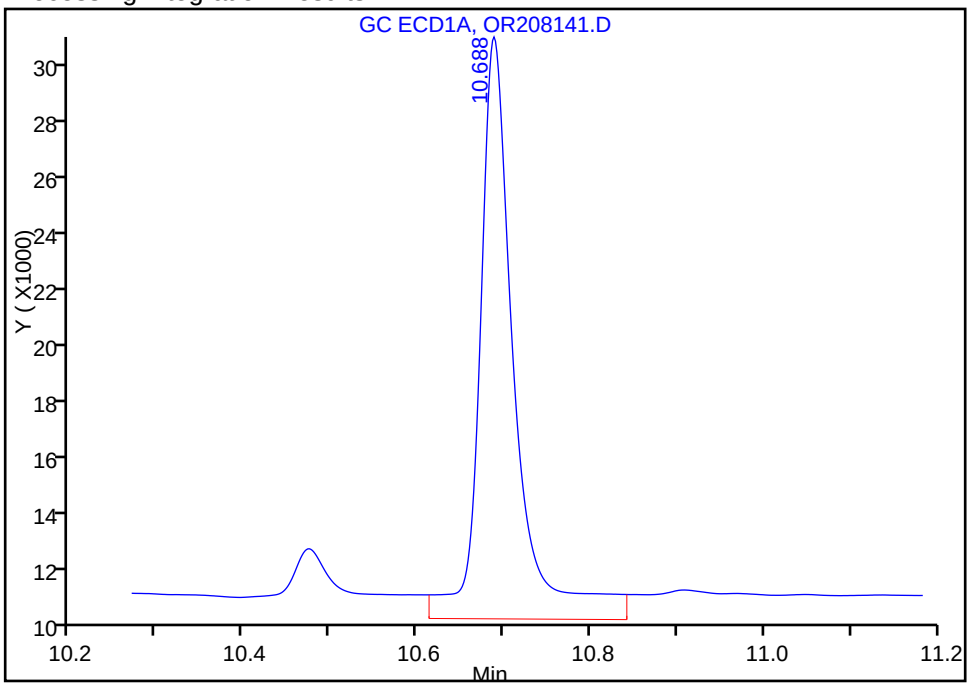
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208141.D		
Injection Date:	17-Sep-2013 12:17:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-16SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 5 DCB Decachlorobiphenyl, Signal: 1, Type: quant, RT: 10.71, Det: GC ECD1A

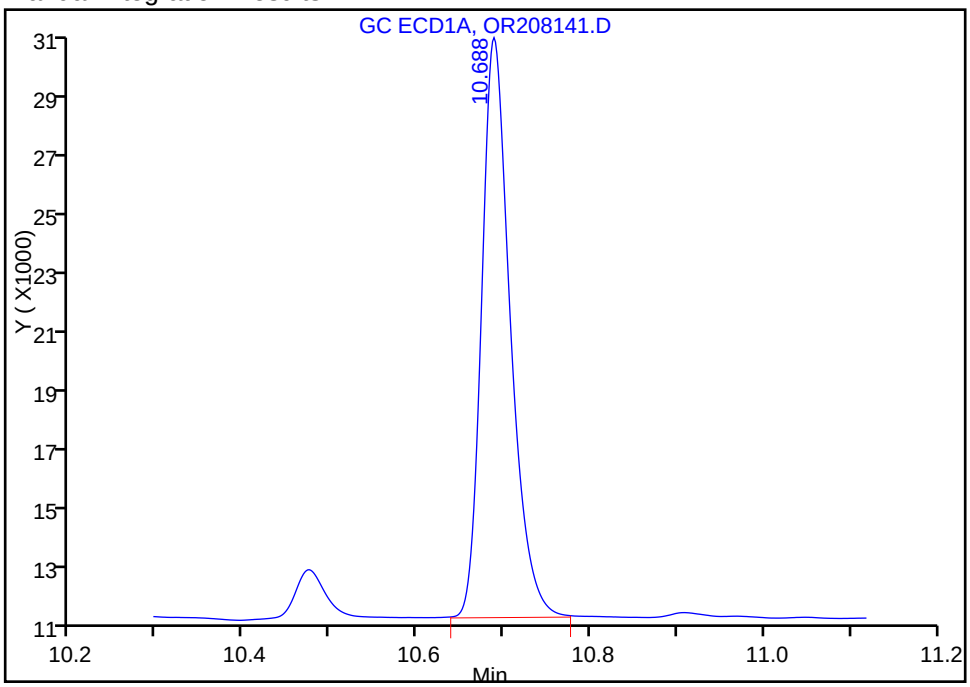
Processing Integration Results

RT: 10.69
Response: 54648
Amount: 14.016273



Manual Integration Results

RT: 10.69
Response: 43326
Amount: 11.112375



Reviewer: patelji, 17-Sep-2013 13:01:56
Audit Action: Assigned New Baseline
Audit Reason: Sample matrix interference

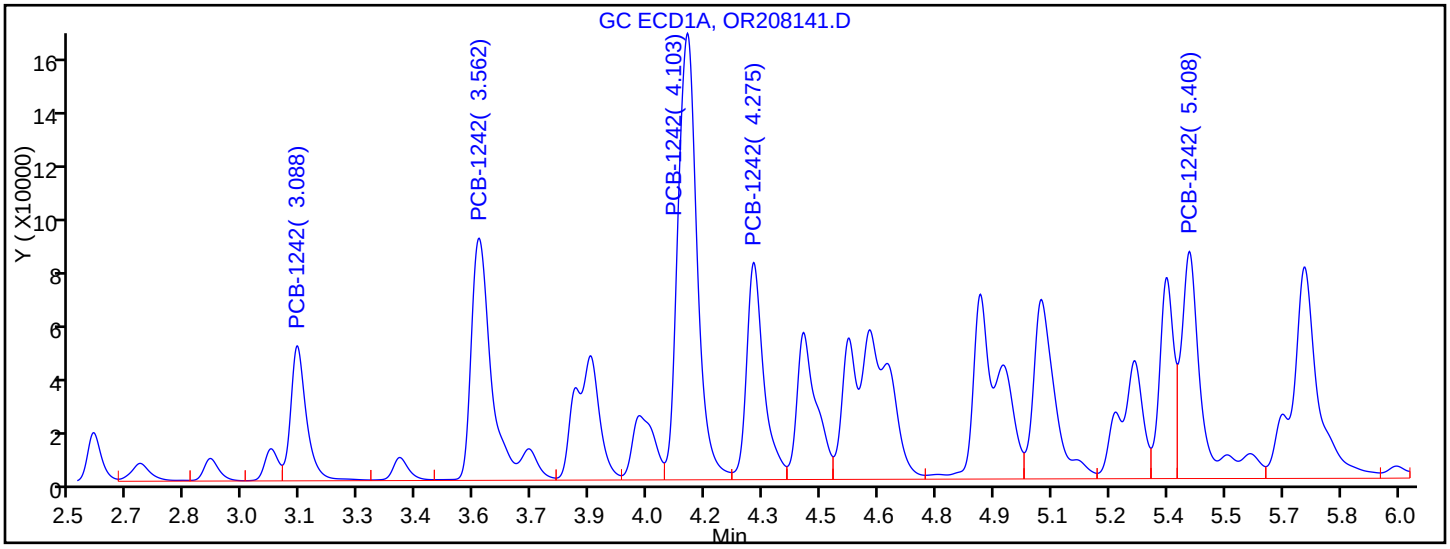
Report Date: 17-Sep-2013 13:32:52 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208141.D

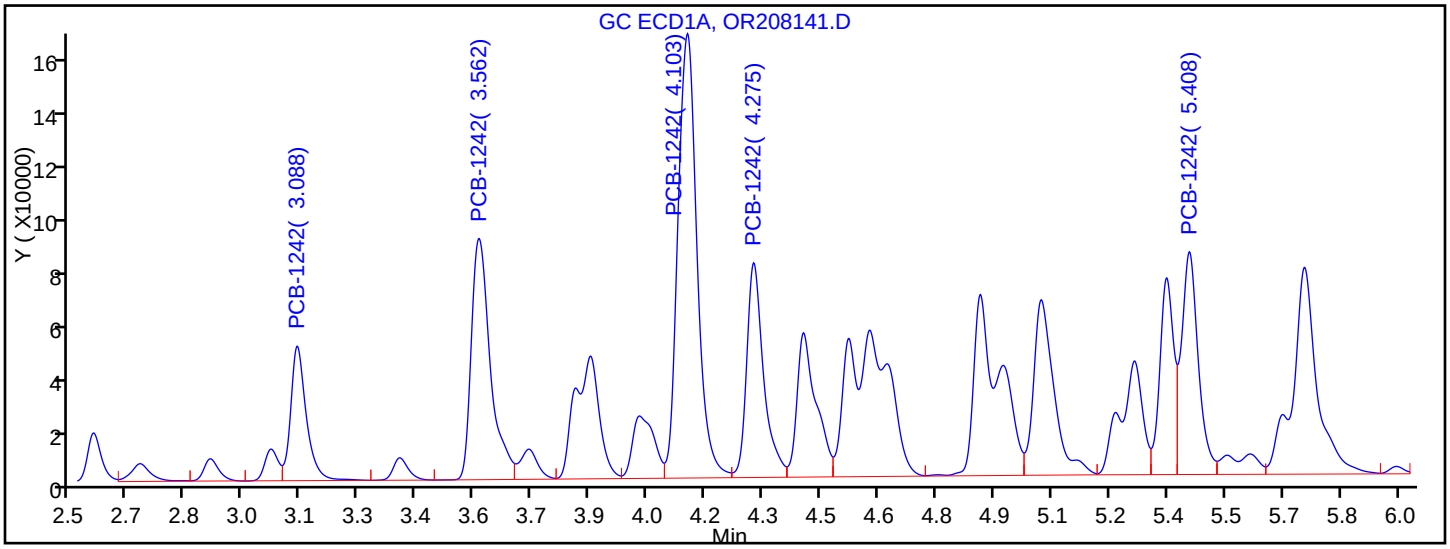
Injection Date:	17-Sep-2013 12:17:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-16SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.088	Response = 135974	M
RT = 3.562	Response = 332378	M
RT = 4.103	Response = 547053	M
RT = 4.275	Response = 238399	M
RT = 5.408	Response = 299169	M



Manual Integration Results

RT = 3.088	Response = 133297	M
RT = 3.562	Response = 292015	M
RT = 4.103	Response = 539104	M
RT = 4.275	Response = 230874	M
RT = 5.408	Response = 236647	M

Reviewer: patelji, 17-Sep-2013 13:01:56

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

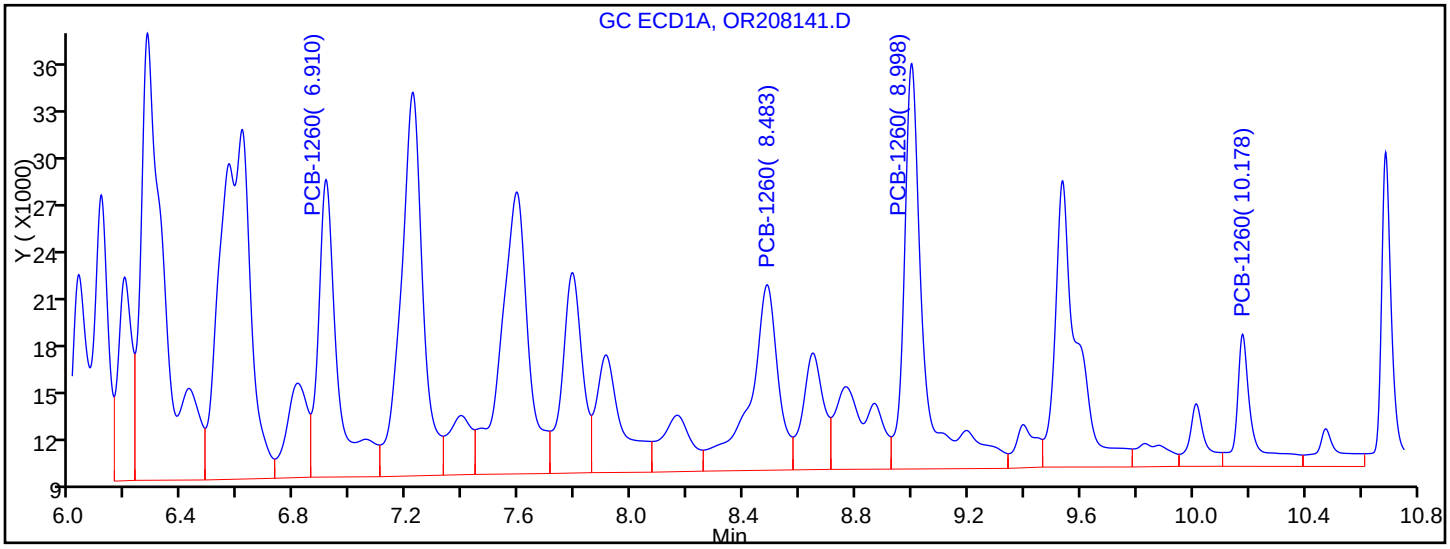
Report Date: 17-Sep-2013 13:32:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208141.D

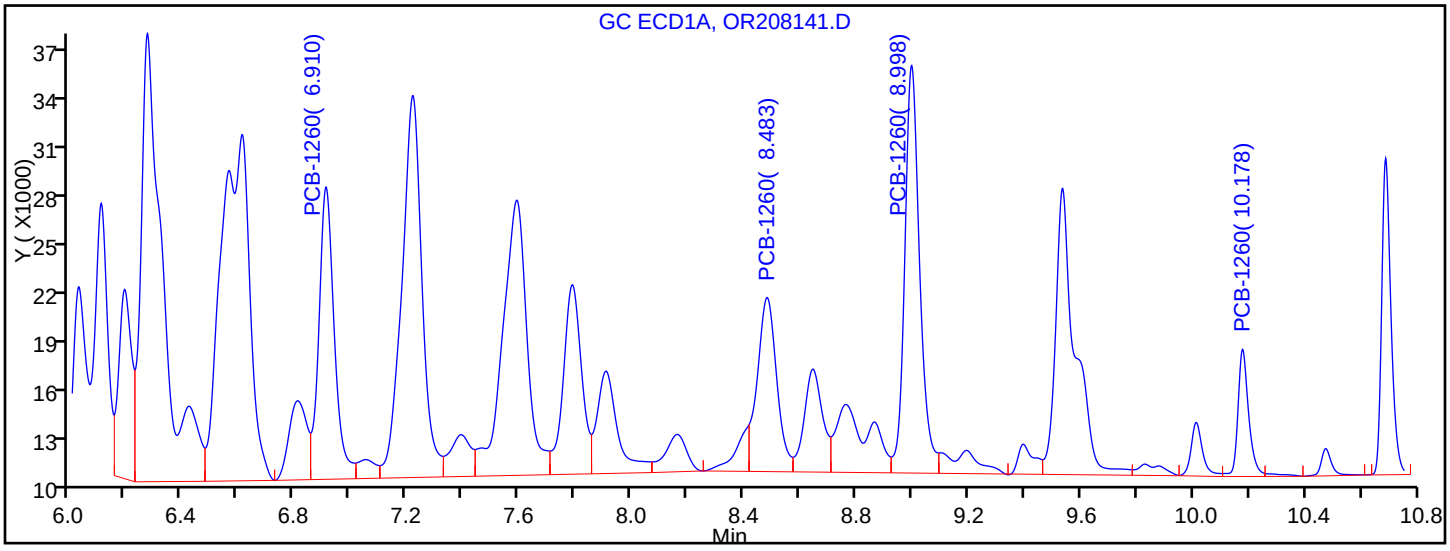
Injection Date:	17-Sep-2013 12:17:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-16SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 6.597	Response = 164307	M
RT = 6.910	Response = 89308	M
RT = 8.483	Response = 82334	M
RT = 8.998	Response = 126227	M
RT = 10.178	Response = 32700	M



Manual Integration Results

RT = 0.000	Response = 0	M
RT = 6.910	Response = 66592	M
RT = 8.483	Response = 49744	M
RT = 8.998	Response = 90105	M
RT = 10.178	Response = 20081	M

Reviewer: patelji, 17-Sep-2013 13:01:56

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-WT Lab Sample ID: 460-62968-18

Matrix: Solid Lab File ID: OR208141.D

Analysis Method: 8082 Date Collected: 09/12/2013 11:35

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.04(g) Date Analyzed: 09/17/2013 12:17

Con. Extract Vol.: 10(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	87	U	390	87
11104-28-2	Aroclor 1221	87	U	390	87
11141-16-5	Aroclor 1232	87	U	390	87
12672-29-6	Aroclor 1248	87	U	390	87
11097-69-1	Aroclor 1254	110	U	390	110
37324-23-5	Aroclor 1262	110	U	390	110
11100-14-4	Aroclor 1268	110	U	390	110

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\OR208141.D
Lims ID: 460-62968-E-18-B Client ID: PMP-16SE-WT
Inject. Date: 17-Sep-2013 12:17:30 Dil. Factor: 5.0000
Sample Type: Client
Sample ID: 460-0004712-015
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 181716 Lims Sample ID: 15
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m
Last Update: 17-Sep-2013 13:32:32 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 13:01:56

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.088	3.088	0.0	133297	907.4	M
1	3.562	3.562	0.0	292015	1012.4	M
1	4.103	4.105	-0.002	539104	1018.6	M
1	4.275	4.277	-0.002	230874	1024.5	M
1	5.408	5.412	-0.004	236647	1089.5	M
		Average of Peak Amounts =			1010.5	
2	2.342	2.343	-0.001	160658	742.4	
2	2.667	2.670	-0.003	274728	840.5	
2	3.120	3.123	-0.003	612066	838.2	M
2	3.263	3.265	-0.002	233164	871.7	M
2	3.702	3.703	-0.001	259648	863.6	M
		Average of Peak Amounts =			831.3	
					RPD = 19.46	
10 PCB-1260						M
1	0.0	6.575	-6.575	0	0	
1	6.910	6.920	-0.010	66592	154.9	M
1	8.483	8.497	-0.014	49744	123.6	M
1	8.998	9.007	-0.009	90105	132.9	M
1	10.178	10.185	-0.007	20081	126.5	M
		Average of Peak Amounts =			134.5	
2	0.0	5.118	-5.118	0	0	
2	6.270	6.277	-0.007	54860	135.3	M
2	6.743	6.752	-0.009	131185	136.0	M
2	7.228	7.238	-0.010	64928	130.7	M
2	8.602	8.613	-0.011	37433	123.4	M
		Average of Peak Amounts =			131.4	
					RPD = 2.34	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						M
1	10.688	10.710	-0.022	43326	11.1	M
2	9.367	9.377	-0.010	65401	9.27	M
					RPD = 18.03	

QC Flag Legend

Review Flags
M - Manually Integrated

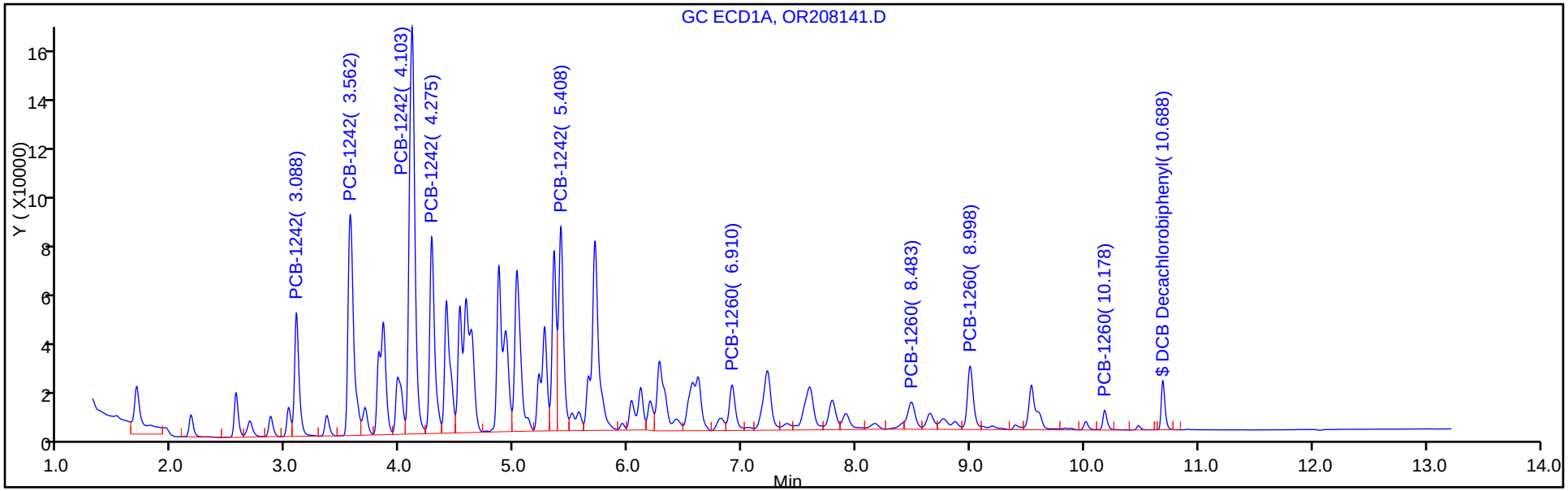
Report Date: 17-Sep-2013 13:32:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

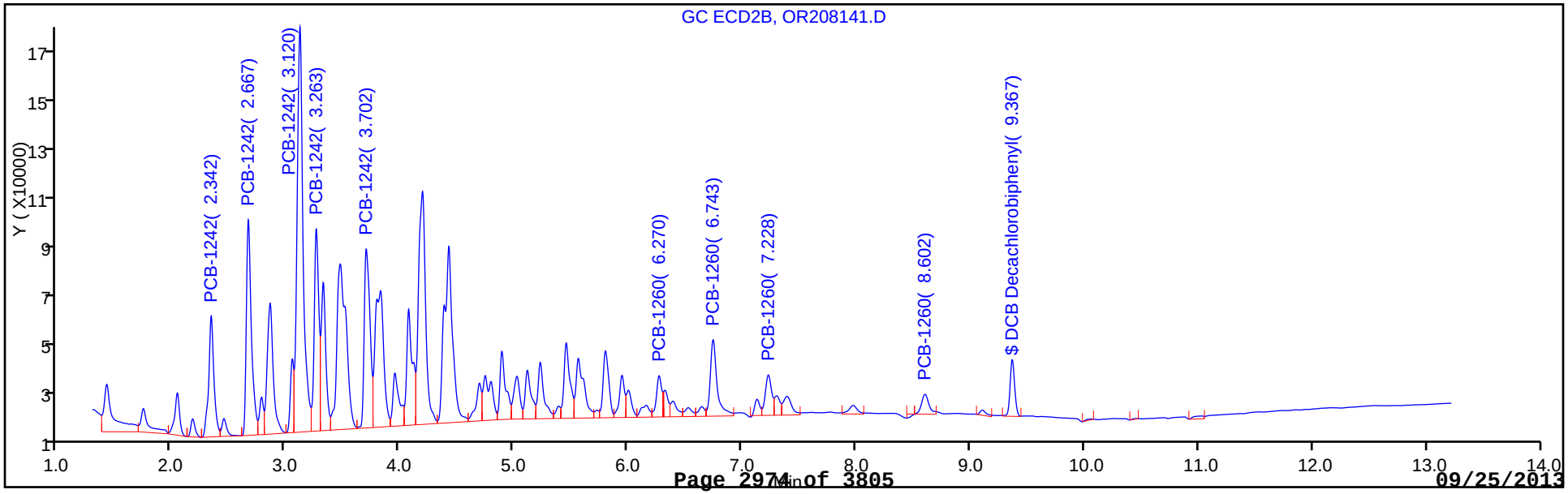
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208141.D

Injection Date:	17-Sep-2013 12:17:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-16SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

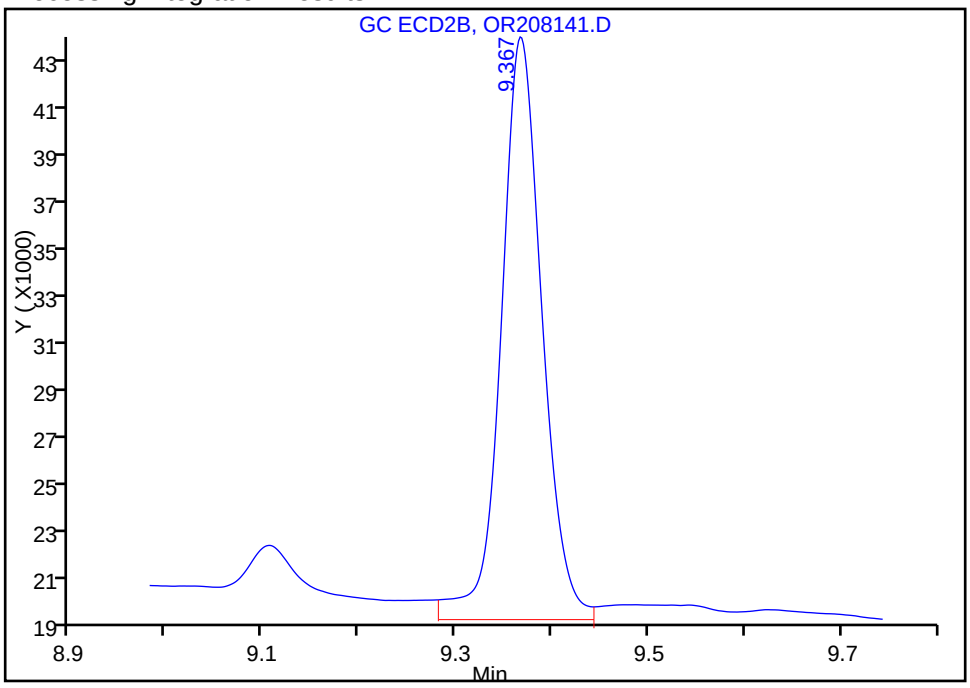
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208141.D		
Injection Date:	17-Sep-2013 12:17:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-16SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 5 DCB Decachlorobiphenyl, Signal: 2, Type: quant, RT: 9.38, Det: GC ECD2B

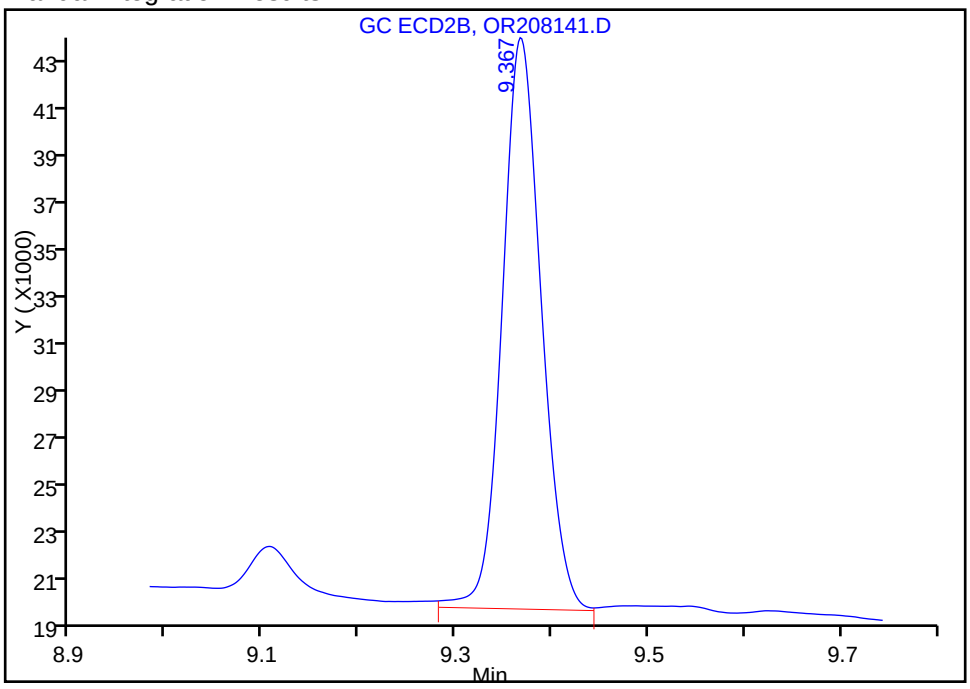
Processing Integration Results

RT: 9.37
Response: 70023
Amount: 9.929827



Manual Integration Results

RT: 9.37
Response: 65401
Amount: 9.274390



Reviewer: patelji, 17-Sep-2013 13:01:56
Audit Action: Assigned New Baseline
Audit Reason: Sample matrix interference

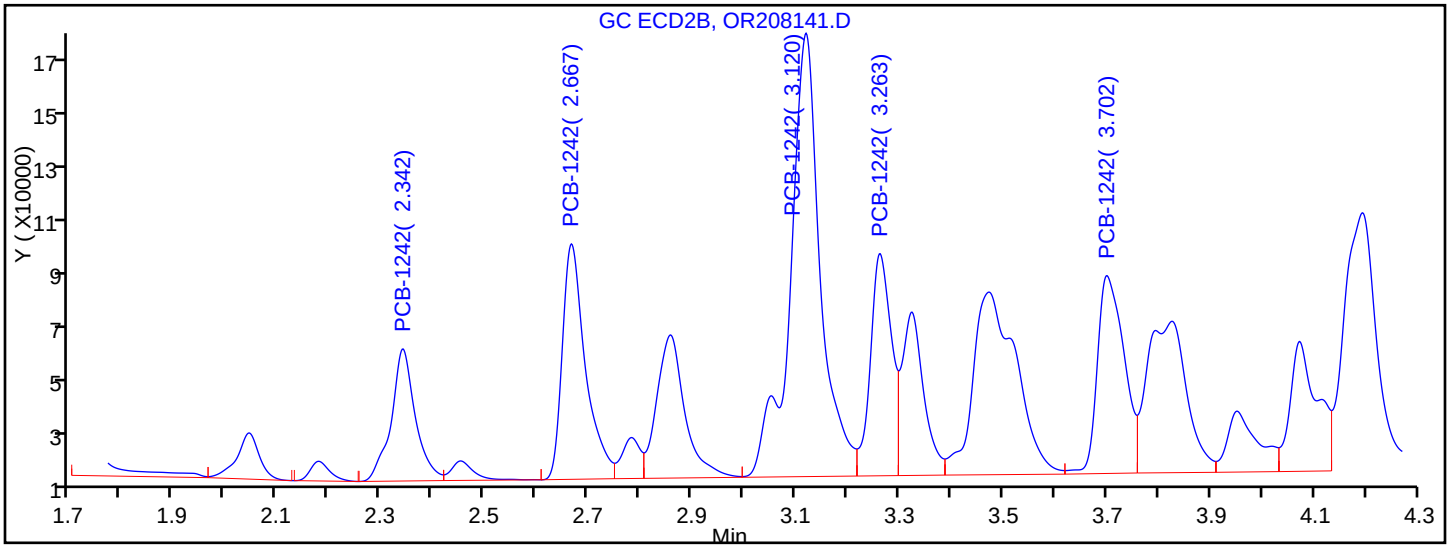
Report Date: 17-Sep-2013 13:32:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208141.D

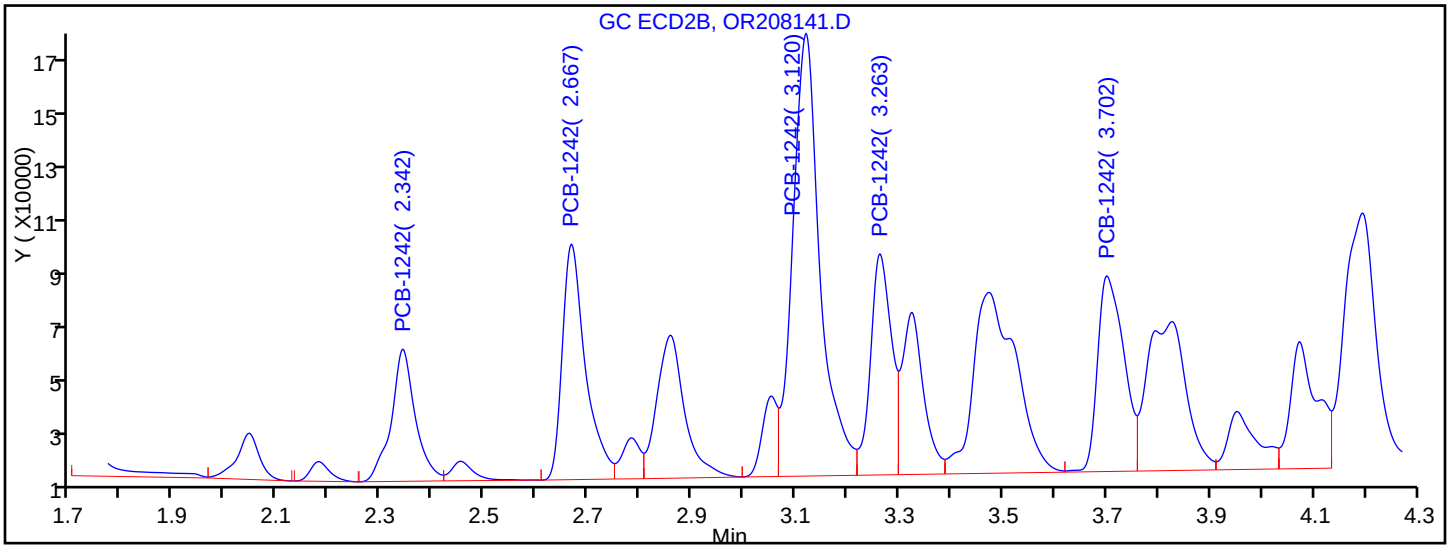
Injection Date:	17-Sep-2013 12:17:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-16SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.342	Response = 160658	
RT = 2.667	Response = 274728	
RT = 3.120	Response = 676064	M
RT = 3.263	Response = 235257	M
RT = 3.702	Response = 266805	M



Manual Integration Results

RT = 2.342	Response = 160658	
RT = 2.667	Response = 274728	
RT = 3.120	Response = 612066	M
RT = 3.263	Response = 233164	M
RT = 3.702	Response = 259648	M

Reviewer: patelji, 17-Sep-2013 13:01:56

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

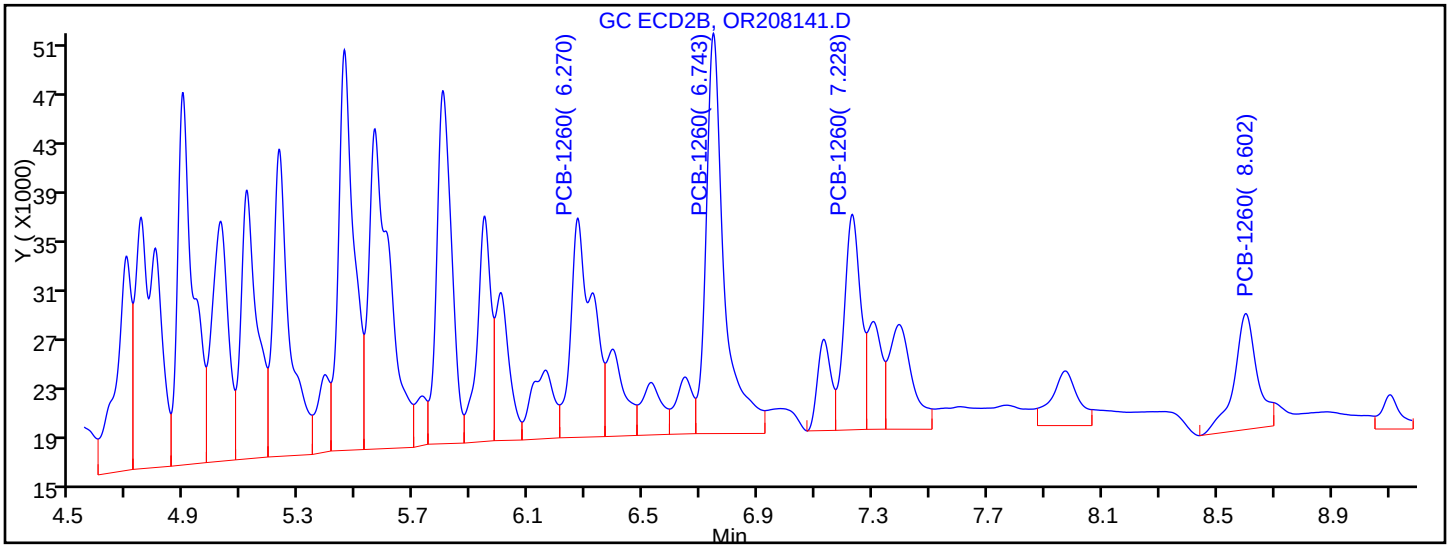
Report Date: 17-Sep-2013 13:32:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208141.D

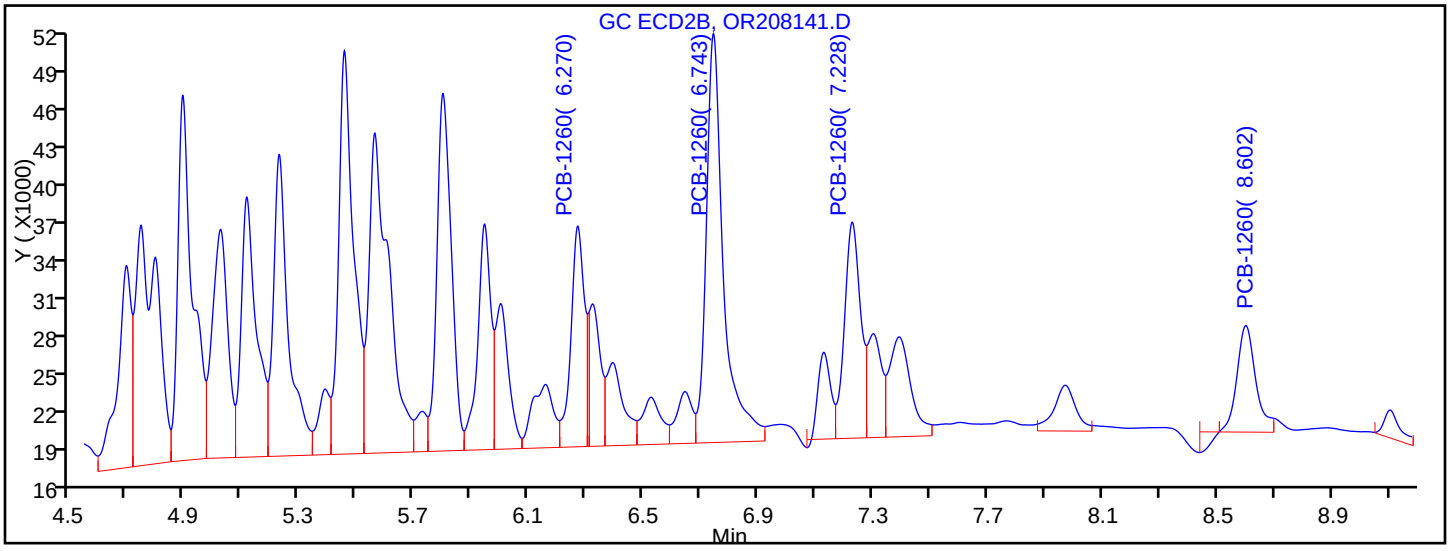
Injection Date:	17-Sep-2013 12:17:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-16SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 PCB-1260, Detector: 2, GC ECD2B



Processing Integration Results

RT = 5.115	Response = 84550	M
RT = 6.270	Response = 92623	M
RT = 6.743	Response = 140458	M
RT = 7.228	Response = 69055	M
RT = 8.602	Response = 51913	M



Manual Integration Results

RT = 0.000	Response = 0	M
RT = 6.270	Response = 54860	M
RT = 6.743	Response = 131185	M
RT = 7.228	Response = 64928	M
RT = 8.602	Response = 37433	M

Reviewer: patelji, 17-Sep-2013 13:01:56

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-SI | Lab Sample ID: 460-62968-19

Matrix: Solid | Lab File ID: OR208101.D

Analysis Method: 8082 | Date Collected: 09/12/2013 11:40

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.00(g) | Date Analyzed: 09/16/2013 21:40

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181600 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	310		78	17

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\20130915-4643.b\OR208101.D		
Lims ID:	460-62968-E-19-B	Client ID:	PMP-16SE-SI
Inject. Date:	16-Sep-2013 21:40:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-052		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	52
Lims Batch ID:	181600	Lims Sample ID:	52
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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 11:12:37

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.085	3.088	-0.003	51255	348.9	M
1	3.557	3.562	-0.005	107800	373.7	M
1	4.100	4.105	-0.005	245286	463.4	M
1	4.273	4.277	-0.004	93846	416.4	M
1	5.407	5.412	-0.005	79508	366.0	M
		Average of Peak Amounts =			393.7	
2	2.342	2.343	-0.001	64937	300.1	M
2	2.668	2.670	-0.002	106692	326.4	M
2	3.118	3.123	-0.005	317624	435.0	
2	3.263	3.265	-0.002	103565	387.2	M
2	3.702	3.703	-0.001	103143	343.1	M
		Average of Peak Amounts =			358.3	
					RPD = 9.41	
$ 5 DCB Decachlorobiphenyl						
1	10.702	10.710	-0.008	179529	46.0	
2	9.370	9.377	-0.007	310376	44.0	
					RPD = 4.51	

QC Flag Legend

Review Flags
M - Manually Integrated

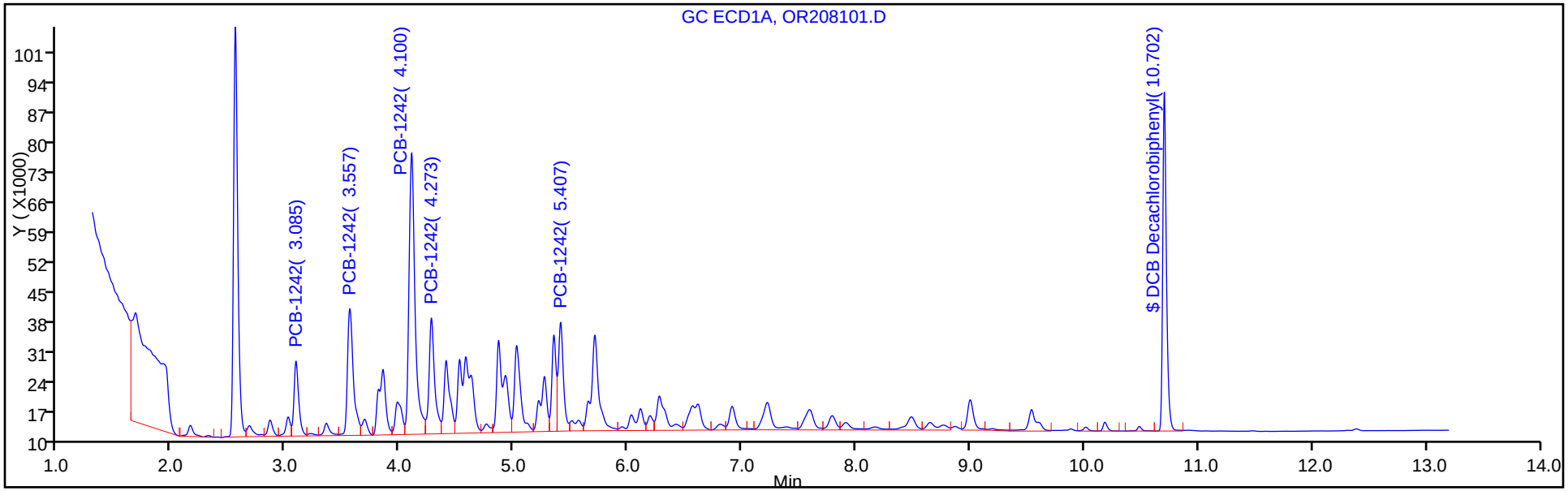
Report Date: 17-Sep-2013 11:34:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

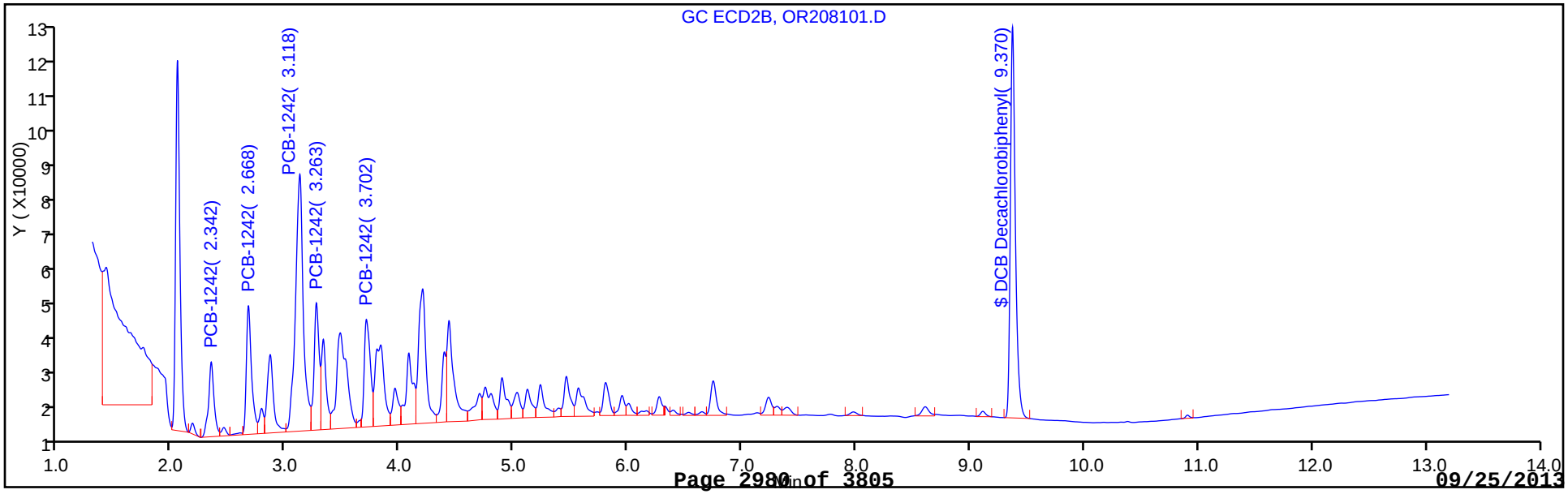
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208101.D

Injection Date:	16-Sep-2013 21:40:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-16SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	52
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



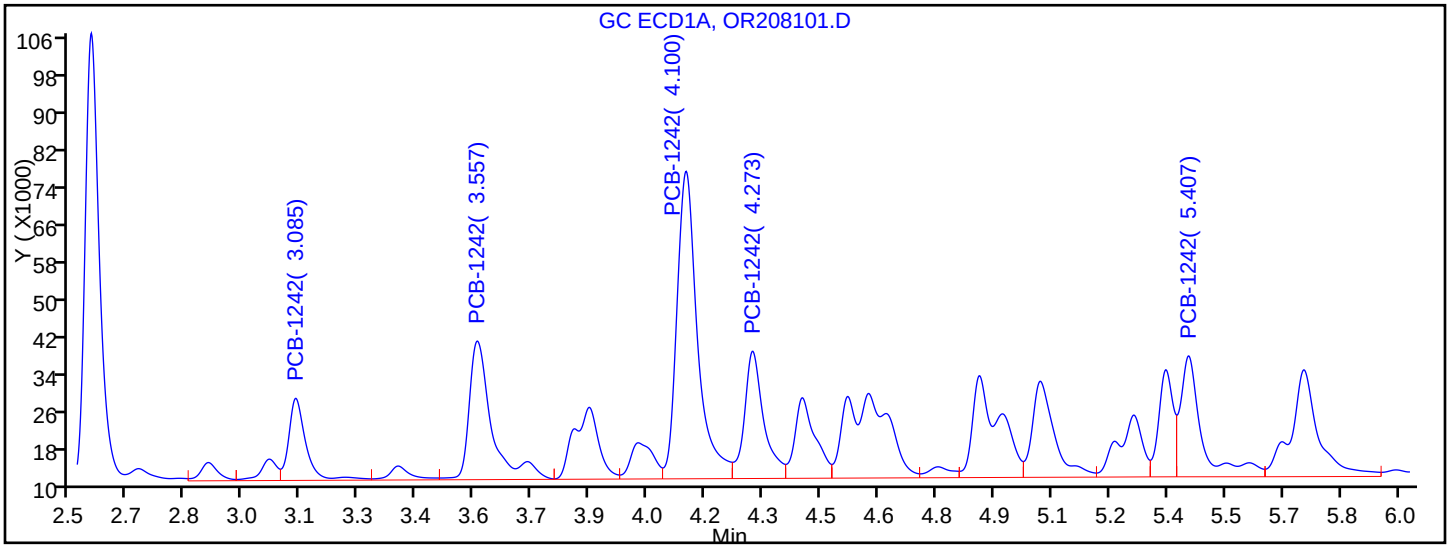
Report Date: 17-Sep-2013 11:35:00 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208101.D

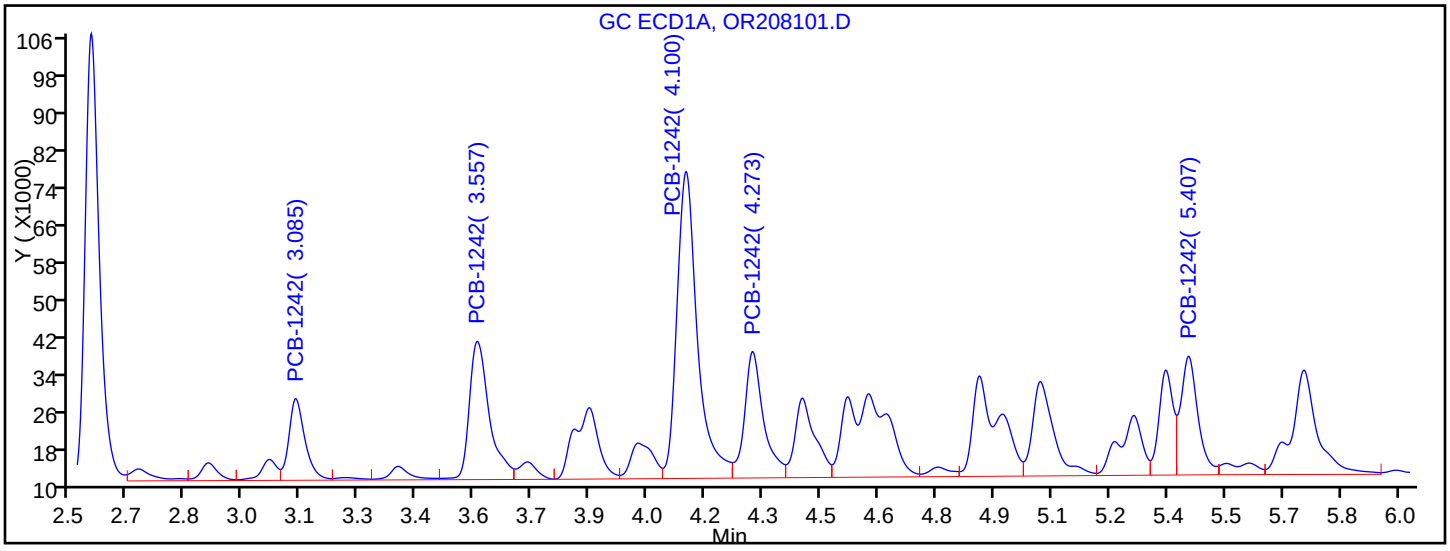
Injection Date:	16-Sep-2013 21:40:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-16SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	52
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.085	Response = 54951	M
RT = 3.557	Response = 121667	M
RT = 4.100	Response = 246959	M
RT = 4.273	Response = 95423	M
RT = 5.407	Response = 100721	M



Manual Integration Results

RT = 3.085	Response = 51255	M
RT = 3.557	Response = 107800	M
RT = 4.100	Response = 245286	M
RT = 4.273	Response = 93846	M
RT = 5.407	Response = 79508	M

Reviewer: patelji, 17-Sep-2013 11:12:37

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-SI | Lab Sample ID: 460-62968-19

Matrix: Solid | Lab File ID: OR208101.D

Analysis Method: 8082 | Date Collected: 09/12/2013 11:40

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.00(g) | Date Analyzed: 09/16/2013 21:40

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181600 | 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	88		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208101.D		
Lims ID:	460-62968-E-19-B	Client ID:	PMP-16SE-SI
Inject. Date:	16-Sep-2013 21:40:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-052		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	52
Lims Batch ID:	181600	Lims Sample ID:	52
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:34:17	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 11:12:37

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.085	3.088	-0.003	51255	348.9	M
1	3.557	3.562	-0.005	107800	373.7	M
1	4.100	4.105	-0.005	245286	463.4	M
1	4.273	4.277	-0.004	93846	416.4	M
1	5.407	5.412	-0.005	79508	366.0	M
		Average of Peak Amounts =			393.7	
2	2.342	2.343	-0.001	64937	300.1	M
2	2.668	2.670	-0.002	106692	326.4	M
2	3.118	3.123	-0.005	317624	435.0	
2	3.263	3.265	-0.002	103565	387.2	M
2	3.702	3.703	-0.001	103143	343.1	M
		Average of Peak Amounts =			358.3	
					RPD = 9.41	
$ 5 DCB Decachlorobiphenyl						
1	10.702	10.710	-0.008	179529	46.0	
2	9.370	9.377	-0.007	310376	44.0	
					RPD = 4.51	

QC Flag Legend

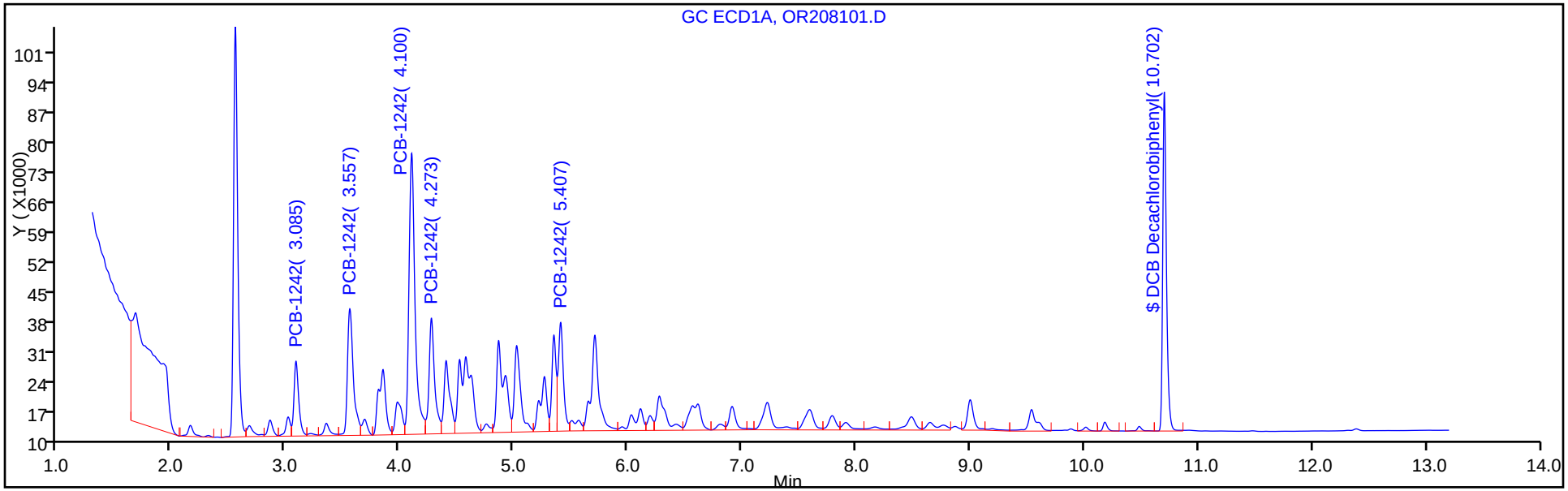
Review Flags
M - Manually Integrated

Report Date: 17-Sep-2013 11:35:00 Chrom Revision: 2.1 25-Jul-2013 20:19:50

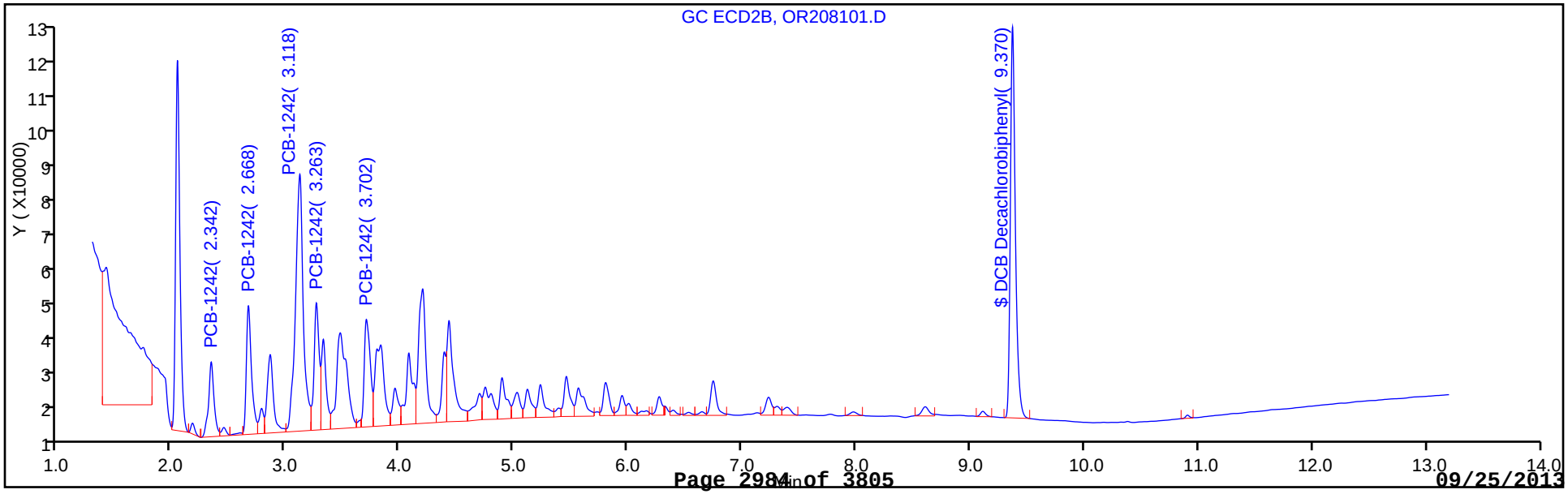
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208101.D		
Injection Date:	16-Sep-2013 21:40:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-16SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	52
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



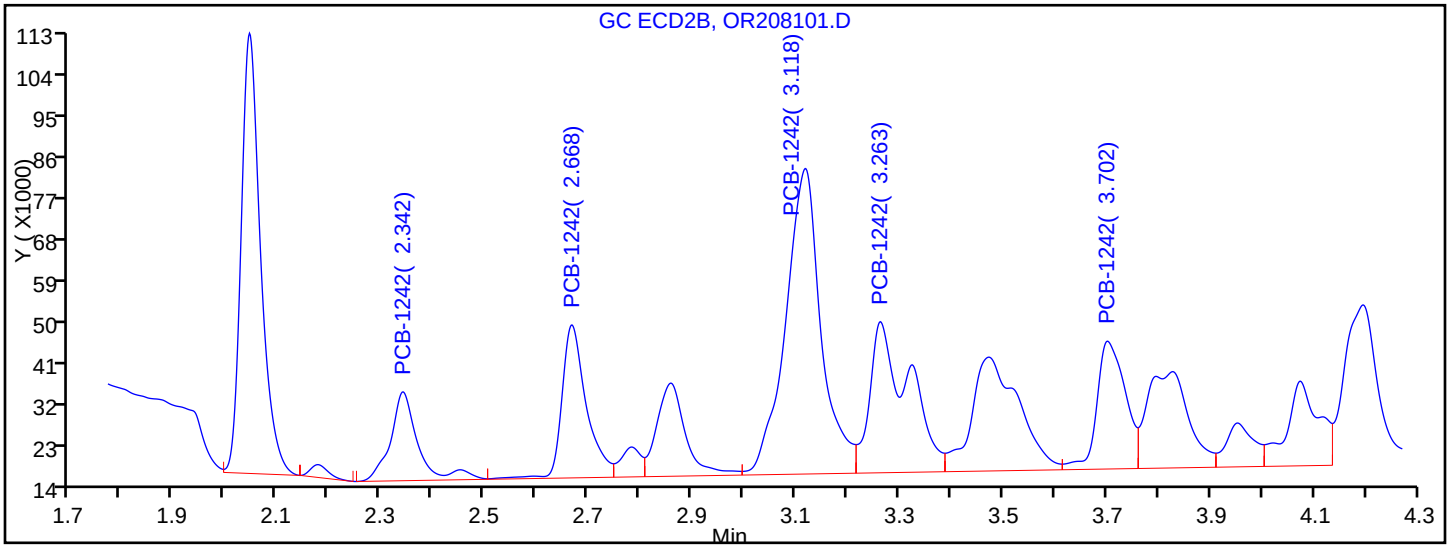
Report Date: 17-Sep-2013 11:35:00 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208101.D

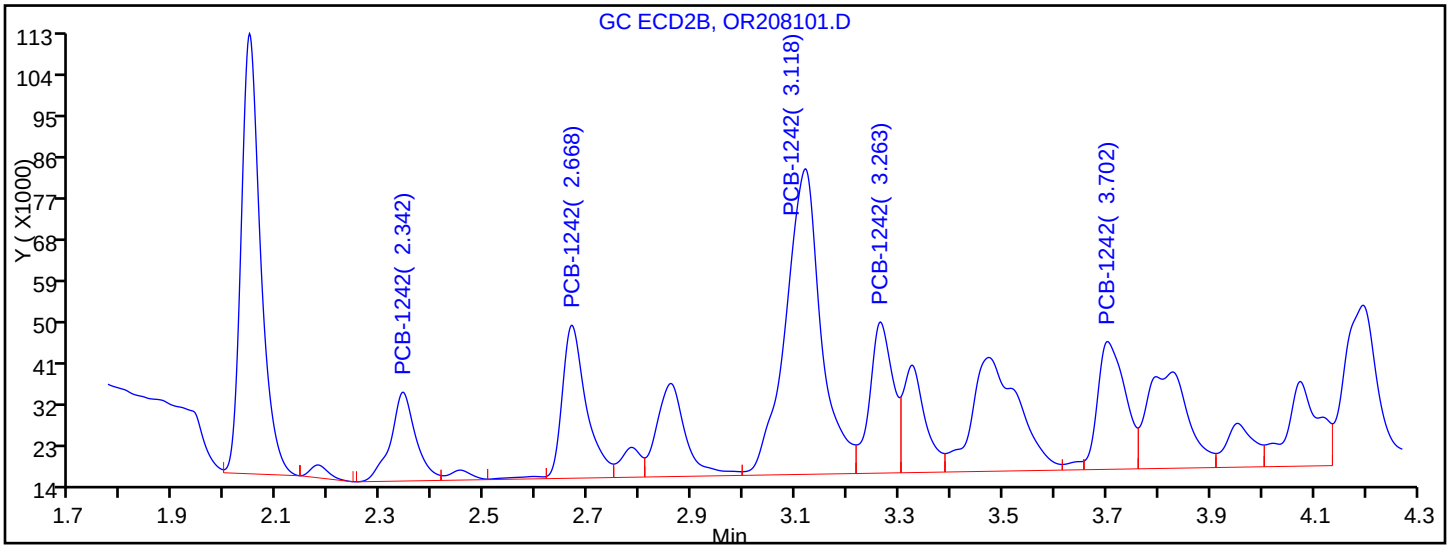
Injection Date:	16-Sep-2013 21:40:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-16SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	52
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.342	Response = 71407	M
RT = 2.668	Response = 109077	M
RT = 3.118	Response = 317624	
RT = 3.263	Response = 171834	M
RT = 3.702	Response = 107082	M



Manual Integration Results

RT = 2.342	Response = 64937	M
RT = 2.668	Response = 106692	M
RT = 3.118	Response = 317624	
RT = 3.263	Response = 103565	M
RT = 3.702	Response = 103143	M

Reviewer: patelji, 17-Sep-2013 11:12:37

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-VD Lab Sample ID: 460-62968-20

Matrix: Solid Lab File ID: OR208102.D

Analysis Method: 8082 Date Collected: 09/12/2013 12:00

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2013 21:56

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181600 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	1000		71	16
11096-82-5	Aroclor 1260	210		71	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\20130915-4643.b\OR208102.D
Lims ID: 460-62968-E-20-B Client ID: PMP-28SE-VD
Inject. Date: 16-Sep-2013 21:56:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-0004643-053
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 53
Lims Batch ID: 181600 Lims Sample ID: 53
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m
Last Update: 17-Sep-2013 11:34:17 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 11:14:17

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
3 PCB-1248						
1	3.562	3.558	0.004	319220	2171.2	
1	4.103	4.103	0.0	572913	1725.5	
1	4.522	4.523	-0.001	204690	1090.8	M
1	5.348	5.352	-0.004	279381	1070.1	
1	5.408	5.410	-0.002	379057	1156.6	M
		Average of Peak Amounts =			1442.8	
2	2.668	2.668	0.0	311813	1713.1	
2	3.120	3.122	-0.002	698544	1613.7	M
2	3.700	3.703	-0.003	440739	1065.5	
2	4.197	4.200	-0.003	722286	968.8	M
2	0.0	4.430	-4.430	0	0	
		Average of Peak Amounts =			1340.3	
				RPD =	7.37	
10 PCB-1260						
1	0.0	6.575	-6.575	0	0	
1	6.912	6.920	-0.008	140410	326.5	
1	8.485	8.497	-0.012	117011	290.7	
1	8.998	9.007	-0.009	193100	284.9	M
1	10.180	10.185	-0.005	43045	271.2	
		Average of Peak Amounts =			293.3	
2	5.115	5.118	-0.003	150222	346.8	
2	6.270	6.277	-0.007	113898	281.0	
2	6.743	6.752	-0.009	275212	285.3	
2	7.230	7.238	-0.008	136945	275.7	
2	8.603	8.613	-0.010	77141	254.3	
		Average of Peak Amounts =			288.6	
				RPD =	1.61	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.703	10.710	-0.007	172718	44.3	
2	9.370	9.377	-0.007	297208	42.1	
					RPD = 4.98	

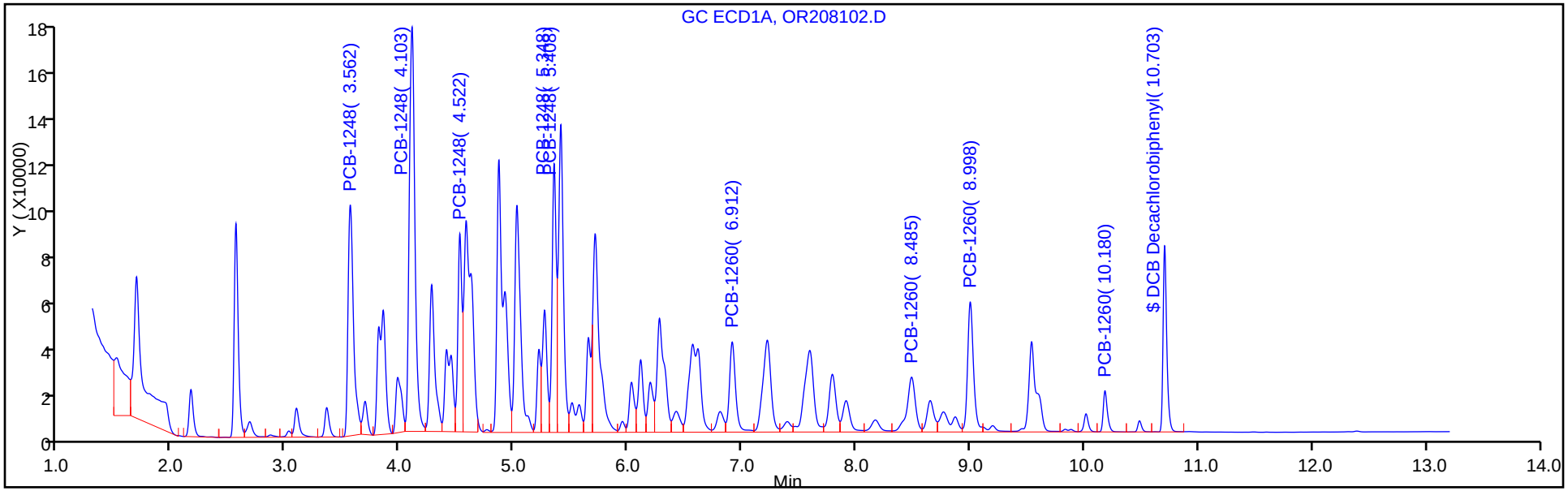
Report Date: 17-Sep-2013 11:35:02 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

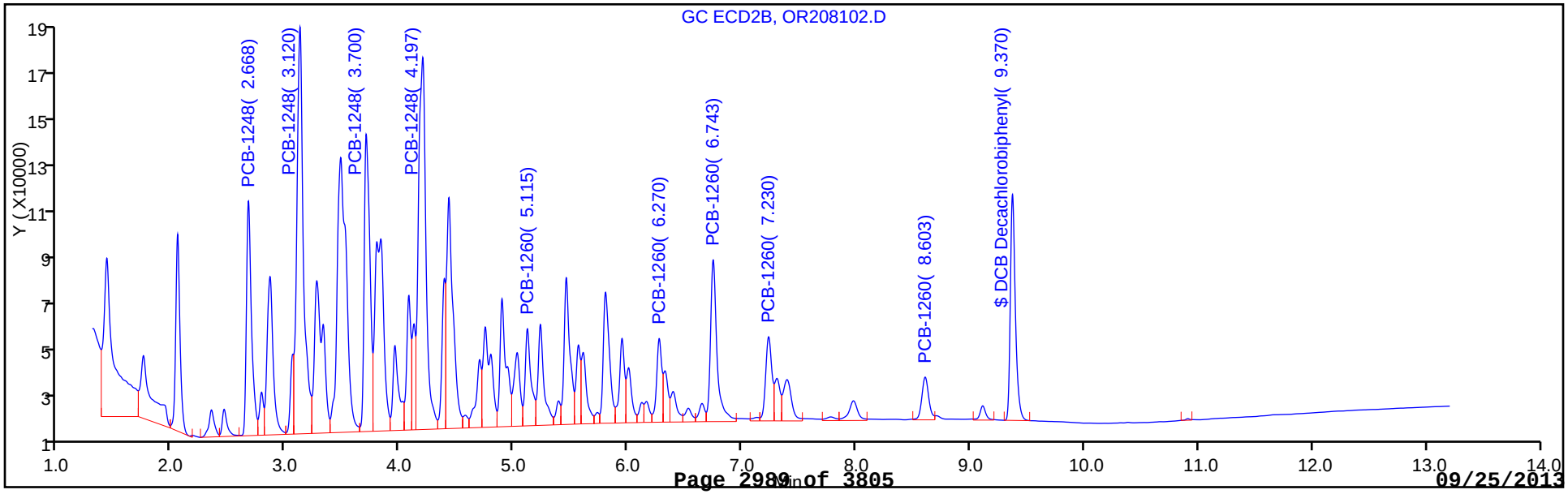
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208102.D

Injection Date:	16-Sep-2013 21:56:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-28SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	53
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-VD Lab Sample ID: 460-62968-20

Matrix: Solid Lab File ID: OR208102.D

Analysis Method: 8082 Date Collected: 09/12/2013 12:00

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2013 21:56

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181600 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	84		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208102.D
Lims ID: 460-62968-E-20-B Client ID: PMP-28SE-VD
Inject. Date: 16-Sep-2013 21:56:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-0004643-053
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 53
Lims Batch ID: 181600 Lims Sample ID: 53
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m
Last Update: 17-Sep-2013 11:34:17 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 11:14:17

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
3 PCB-1248						
1	3.562	3.558	0.004	319220	2171.2	
1	4.103	4.103	0.0	572913	1725.5	
1	4.522	4.523	-0.001	204690	1090.8	M
1	5.348	5.352	-0.004	279381	1070.1	
1	5.408	5.410	-0.002	379057	1156.6	M
		Average of Peak Amounts =			1442.8	
2	2.668	2.668	0.0	311813	1713.1	
2	3.120	3.122	-0.002	698544	1613.7	M
2	3.700	3.703	-0.003	440739	1065.5	
2	4.197	4.200	-0.003	722286	968.8	M
2	0.0	4.430	-4.430	0	0	
		Average of Peak Amounts =			1340.3	
				RPD =	7.37	
10 PCB-1260						
1	0.0	6.575	-6.575	0	0	
1	6.912	6.920	-0.008	140410	326.5	
1	8.485	8.497	-0.012	117011	290.7	
1	8.998	9.007	-0.009	193100	284.9	M
1	10.180	10.185	-0.005	43045	271.2	
		Average of Peak Amounts =			293.3	
2	5.115	5.118	-0.003	150222	346.8	
2	6.270	6.277	-0.007	113898	281.0	
2	6.743	6.752	-0.009	275212	285.3	
2	7.230	7.238	-0.008	136945	275.7	
2	8.603	8.613	-0.010	77141	254.3	
		Average of Peak Amounts =			288.6	
				RPD =	1.61	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.703	10.710	-0.007	172718	44.3	
2	9.370	9.377	-0.007	297208	42.1	
					RPD = 4.98	

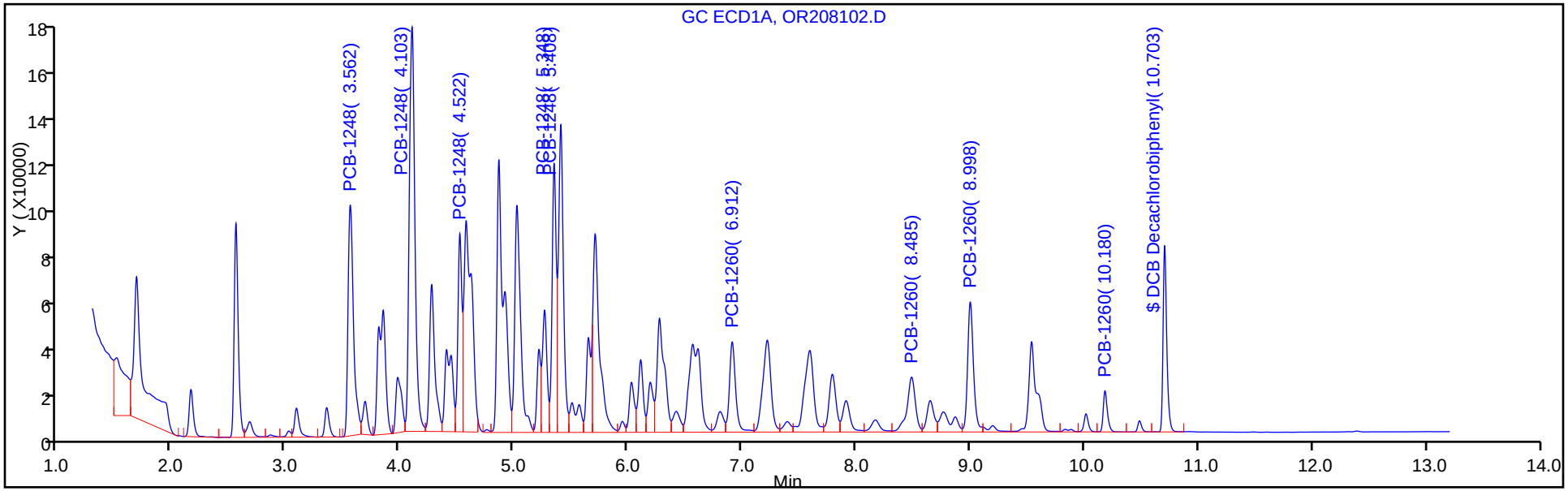
Report Date: 17-Sep-2013 11:35:03 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

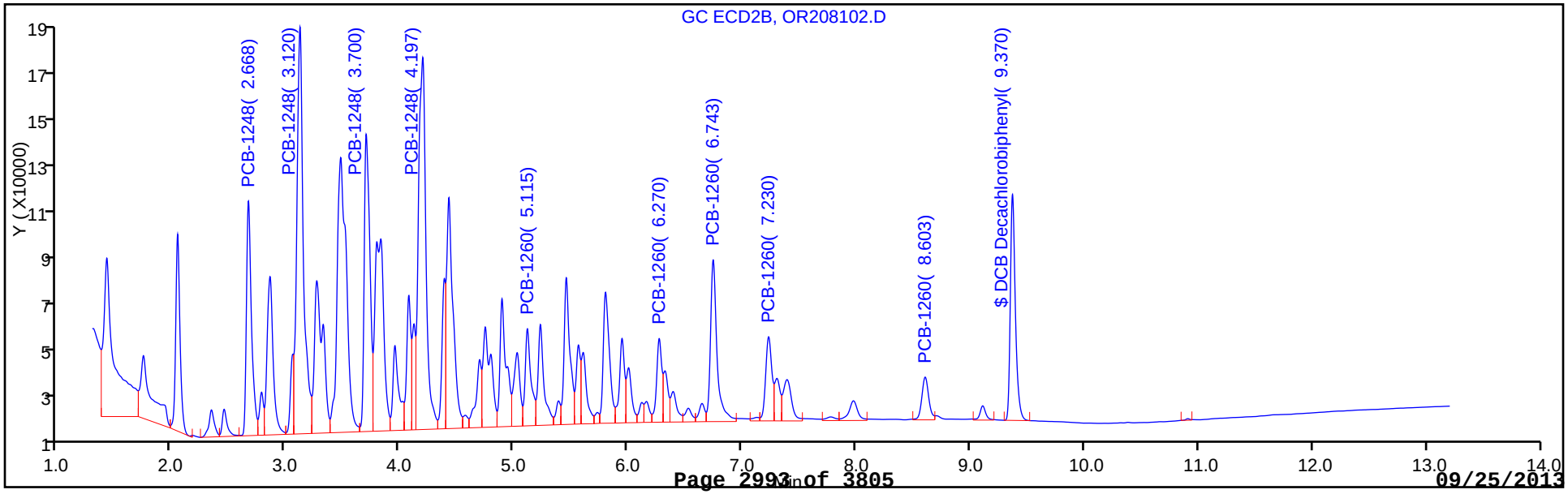
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208102.D

Injection Date:	16-Sep-2013 21:56:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-28SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181600	Lims Sample ID:	53
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-WT Lab Sample ID: 460-62968-21

Matrix: Solid Lab File ID: VR489399.D

Analysis Method: 8082 Date Collected: 09/12/2013 12:05

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.03(g) Date Analyzed: 09/16/2013 14:48

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181549 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	11000		780	170
11096-82-5	Aroclor 1260	2800		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\CPESTGC9\20130916-4664.b\VR489399.D		
Lims ID:	460-62968-E-21-D	Client ID:	PMP-28SE-WT
Inject. Date:	16-Sep-2013 14:48:47	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004664-014		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC9
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	181549	Lims Sample ID:	14
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\8082GC9.m		
Last Update:	16-Sep-2013 16:35:58	Calib Date:	09-Sep-2013 12:14:03
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC9\20130909-4417.b\VR489193.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: patelji Date: 16-Sep-2013 15:45:39

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	2.983	3.001	-0.018	25742213	765.6	M
1	3.685	3.705	-0.020	86433366	1749.4	M
1	4.526	4.544	-0.018	162561476	1782.1	M
1	4.775	4.790	-0.015	68004563	1629.3	M
1	0.0	6.338	-6.338	0	0	
		Average of Peak Amounts =			1481.6	
2	2.006	2.035	-0.029	25923878	695.5	
2	2.445	2.471	-0.026	78932252	1234.1	M
2	3.038	3.062	-0.024	180348187	1398.7	M
2	3.229	3.252	-0.023	68433001	1337.8	M
2	3.928	3.953	-0.025	86962998	1791.0	M
		Average of Peak Amounts =			1291.4	
					RPD = 13.72	
10 PCB-1260						M
1	7.838	7.855	-0.017	29678843	467.1	M
1	8.299	8.313	-0.014	29464696	311.0	M
1	9.977	9.990	-0.013	20258103	431.1	
1	10.331	10.339	-0.008	29293395	305.7	
1	11.154	11.156	-0.002	6364587	282.5	
		Average of Peak Amounts =			359.5	
2	5.958	5.976	-0.018	26930732	355.8	M
2	7.469	7.486	-0.017	23901436	318.7	M
2	8.093	8.111	-0.018	70611763	342.8	M
2	8.726	8.744	-0.018	29917097	347.3	M
2	10.054	10.066	-0.012	22024971	394.7	
		Average of Peak Amounts =			351.8	
					RPD = 2.15	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 7 Polychlorinated biphenyls, Total						
1					1841.1	

QC Flag Legend

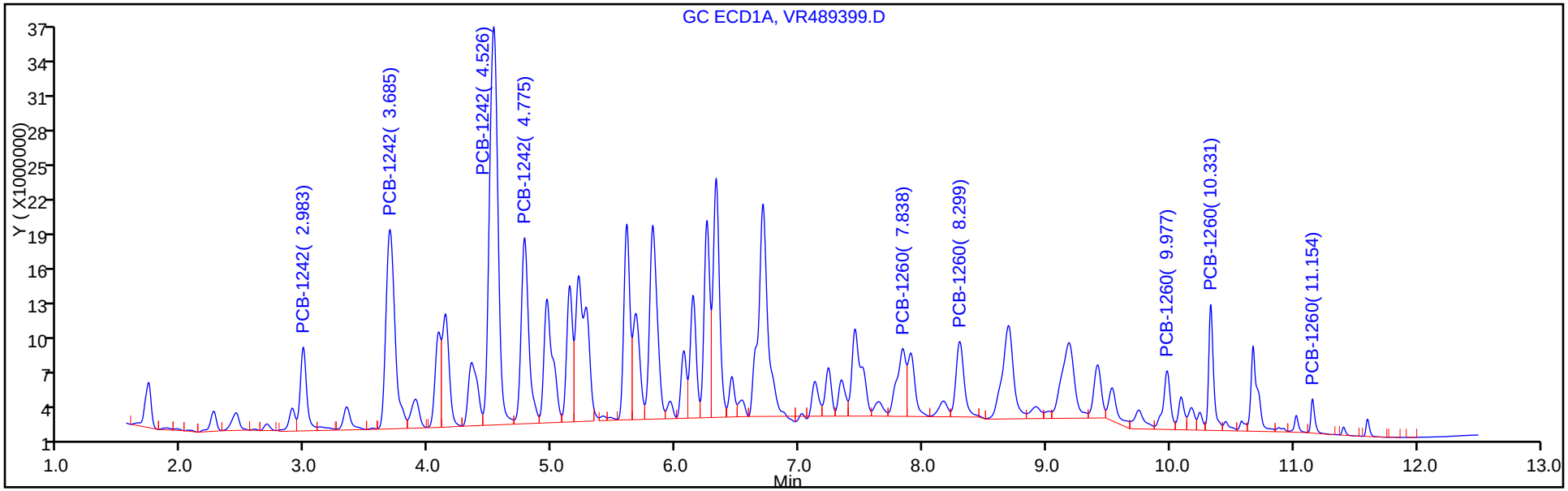
Review Flags
M - Manually Integrated

Report Date: 16-Sep-2013 16:36:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

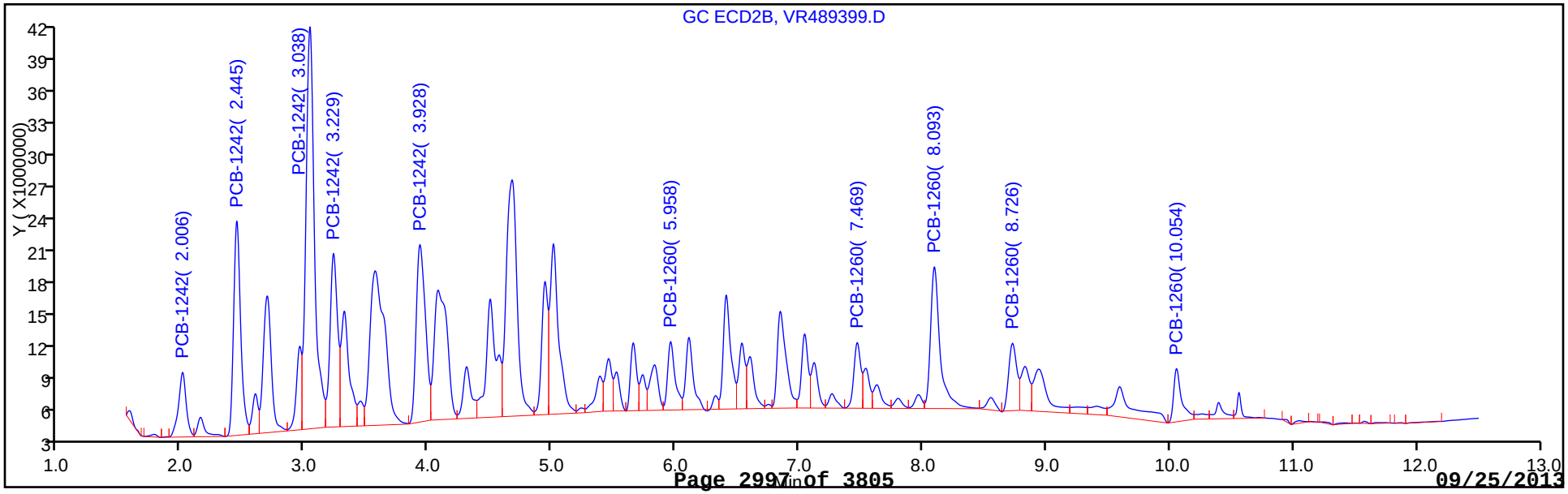
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489399.D		
Injection Date:	16-Sep-2013 14:48:47	Limit Group:	GC 8082 PCB
Client ID:	PMP-28SE-WT	Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



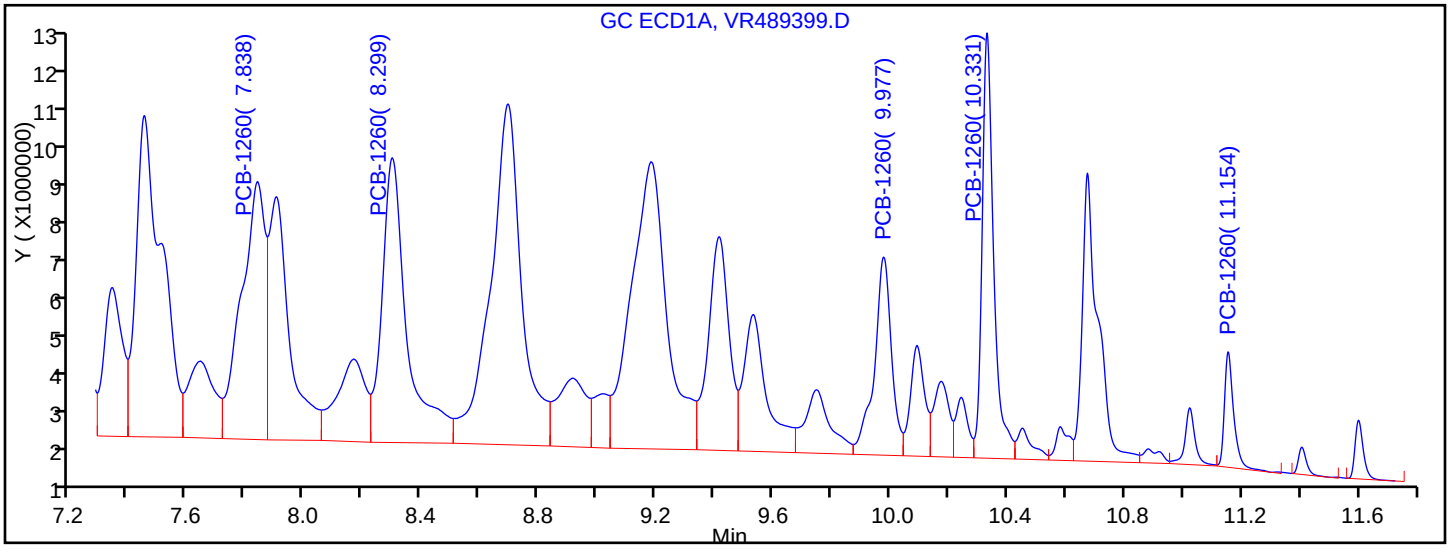
Report Date: 16-Sep-2013 16:36:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489399.D

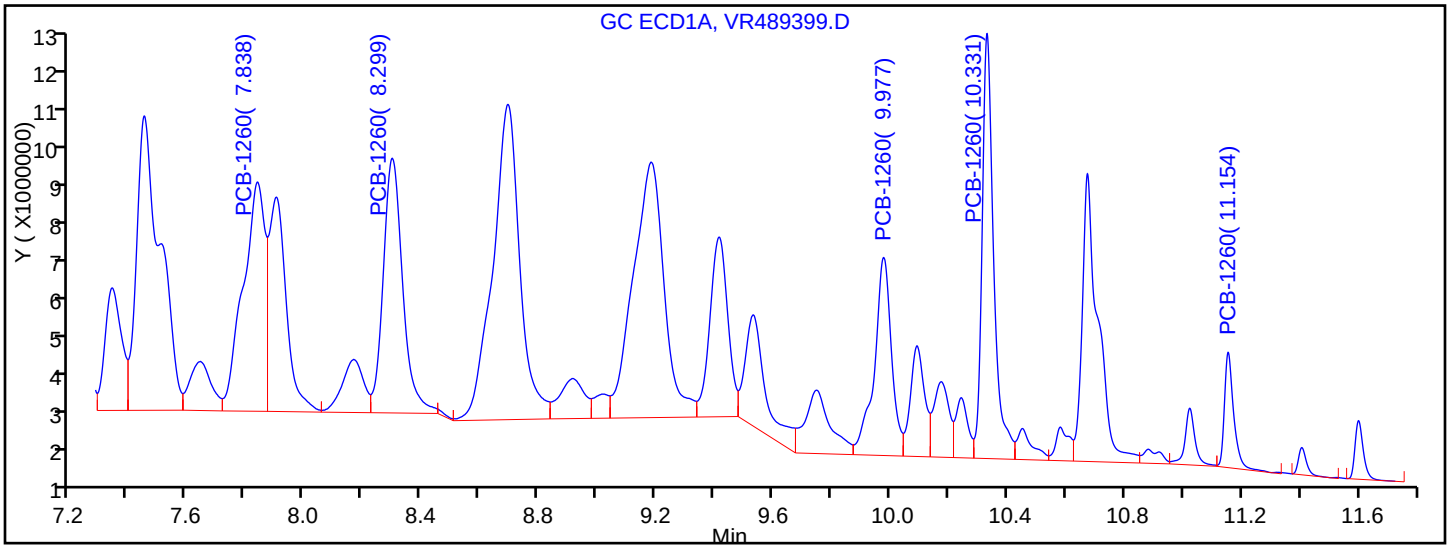
Injection Date:	16-Sep-2013 14:48:47	Limit Group:	GC 8082 PCB
Client ID:	PMP-28SE-WT	Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 7.838	Response = 36217603	M
RT = 8.299	Response = 42002870	M
RT = 9.977	Response = 20258103	
RT = 10.331	Response = 29293395	
RT = 11.154	Response = 6364587	



Manual Integration Results

RT = 7.838	Response = 29678843	M
RT = 8.299	Response = 29464696	M
RT = 9.977	Response = 20258103	
RT = 10.331	Response = 29293395	
RT = 11.154	Response = 6364587	

Reviewer: patelji, 16-Sep-2013 15:45:39

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-WT Lab Sample ID: 460-62968-21

Matrix: Solid Lab File ID: VR489399.D

Analysis Method: 8082 Date Collected: 09/12/2013 12:05

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.03(g) Date Analyzed: 09/16/2013 14:48

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181549 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
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\CPESTGC9\20130916-4664.b\VR489399.D
Lims ID: 460-62968-E-21-D Client ID: PMP-28SE-WT
Inject. Date: 16-Sep-2013 14:48:47 Dil. Factor: 10.0000
Sample Type: Client
Sample ID: 460-0004664-014
Misc. Info.:
Operator: Instrument ID: CPESTGC9
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 181549 Lims Sample ID: 14
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\8082GC9.m
Last Update: 16-Sep-2013 16:35:58 Calib Date: 09-Sep-2013 12:14:03
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20130909-4417.b\VR489193.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK029

First Level Reviewer: patelji Date: 16-Sep-2013 15:45:39

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	2.983	3.001	-0.018	25742213	765.6	M
1	3.685	3.705	-0.020	86433366	1749.4	M
1	4.526	4.544	-0.018	162561476	1782.1	M
1	4.775	4.790	-0.015	68004563	1629.3	M
1	0.0	6.338	-6.338	0	0	
		Average of Peak Amounts =			1481.6	
2	2.006	2.035	-0.029	25923878	695.5	
2	2.445	2.471	-0.026	78932252	1234.1	M
2	3.038	3.062	-0.024	180348187	1398.7	M
2	3.229	3.252	-0.023	68433001	1337.8	M
2	3.928	3.953	-0.025	86962998	1791.0	M
		Average of Peak Amounts =			1291.4	
					RPD = 13.72	
10 PCB-1260						M
1	7.838	7.855	-0.017	29678843	467.1	M
1	8.299	8.313	-0.014	29464696	311.0	M
1	9.977	9.990	-0.013	20258103	431.1	
1	10.331	10.339	-0.008	29293395	305.7	
1	11.154	11.156	-0.002	6364587	282.5	
		Average of Peak Amounts =			359.5	
2	5.958	5.976	-0.018	26930732	355.8	M
2	7.469	7.486	-0.017	23901436	318.7	M
2	8.093	8.111	-0.018	70611763	342.8	M
2	8.726	8.744	-0.018	29917097	347.3	M
2	10.054	10.066	-0.012	22024971	394.7	
		Average of Peak Amounts =			351.8	
					RPD = 2.15	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 7 Polychlorinated biphenyls, Total						
1					1841.1	

QC Flag Legend

Review Flags
M - Manually Integrated

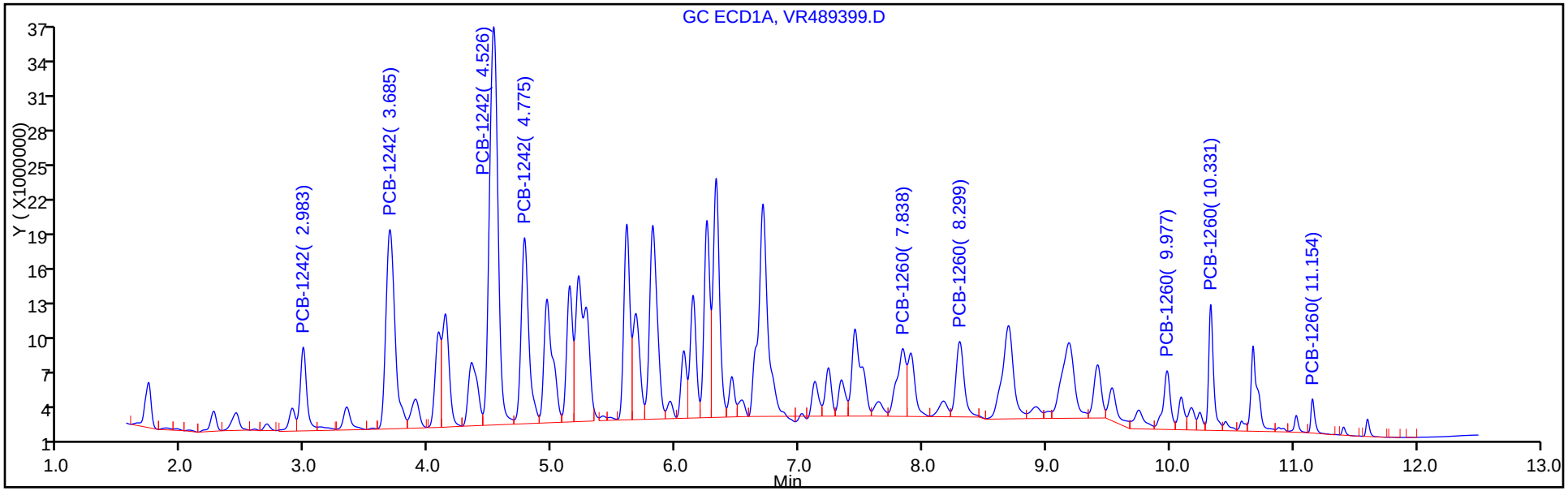
Report Date: 16-Sep-2013 16:36:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

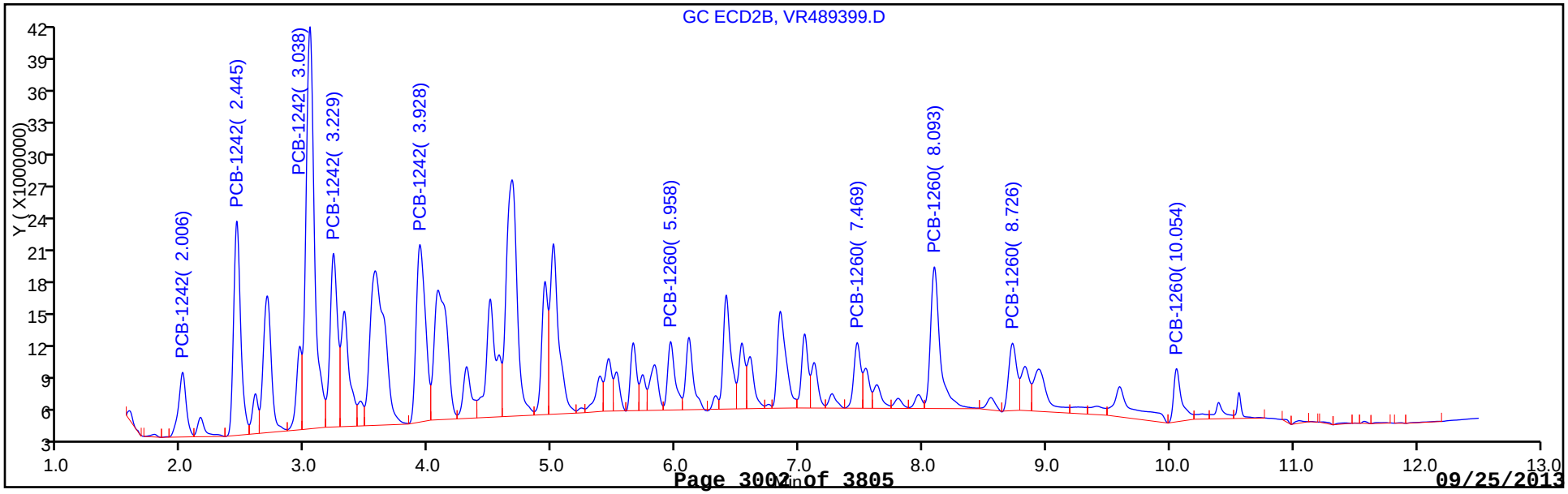
Data File: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489399.D

Injection Date:	16-Sep-2013 14:48:47	Limit Group:	GC 8082 PCB
Client ID:	PMP-28SE-WT	Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



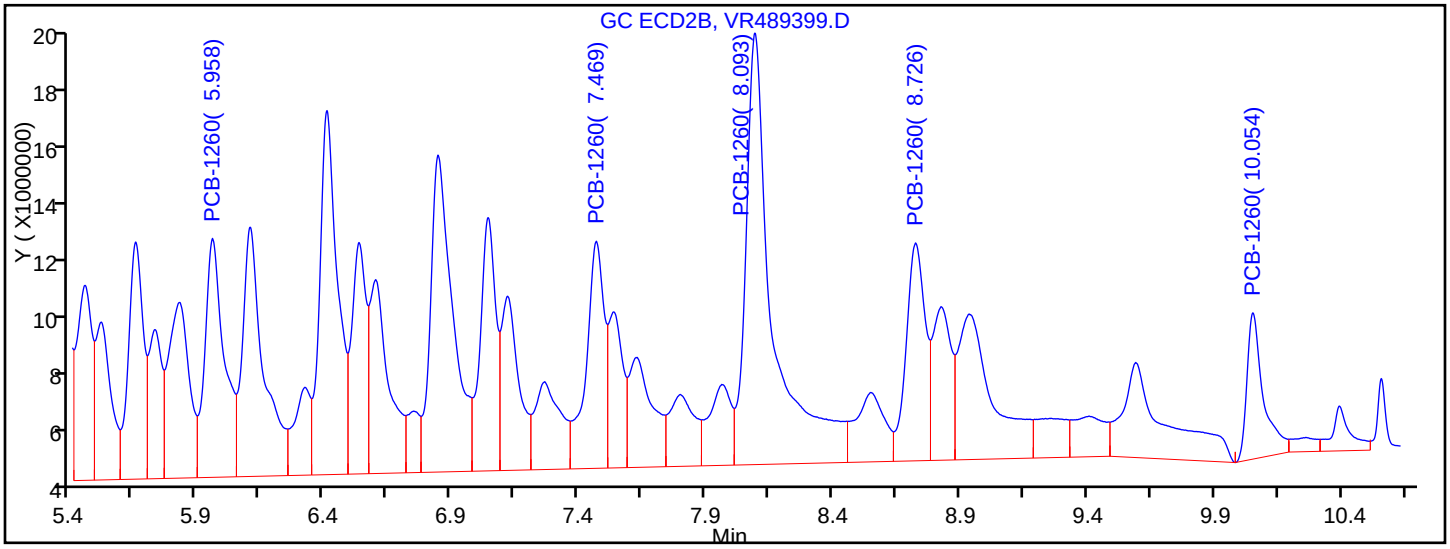
Report Date: 16-Sep-2013 16:36:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489399.D

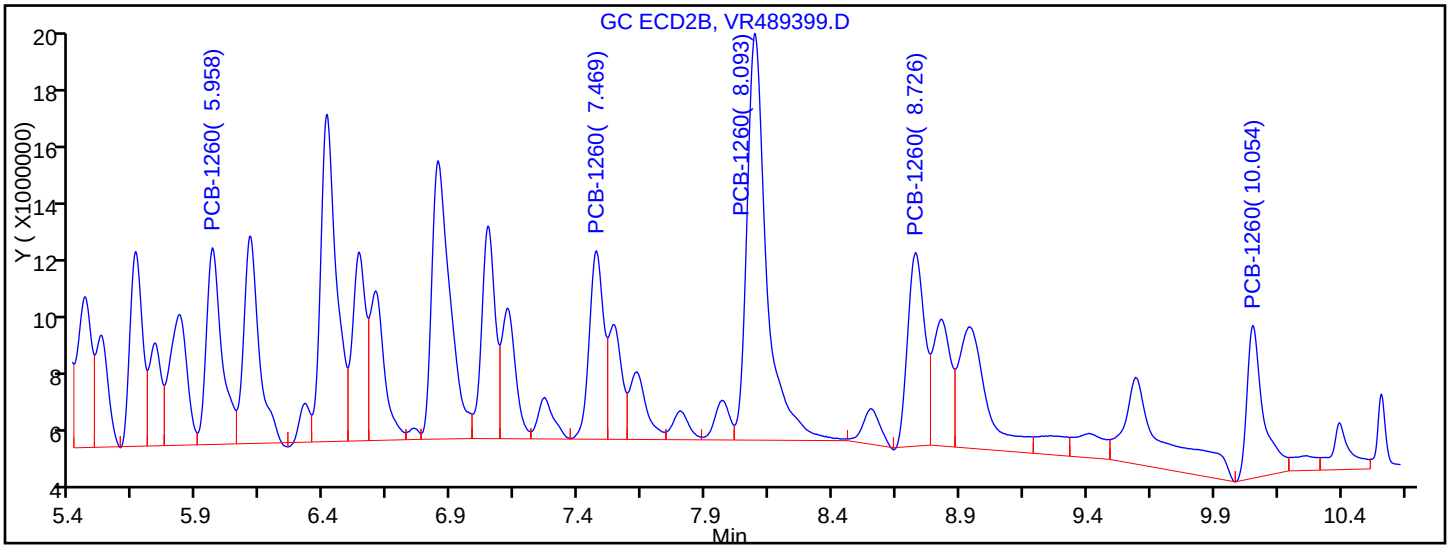
Injection Date:	16-Sep-2013 14:48:47	Limit Group:	GC 8082 PCB
Client ID:	PMP-28SE-WT	Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 PCB-1260, Detector: 2, GC ECD2B



Processing Integration Results

RT = 5.958	Response = 42593100	M
RT = 7.469	Response = 37755700	M
RT = 8.093	Response = 107265978	M
RT = 8.726	Response = 38397374	M
RT = 10.054	Response = 22024971	



Manual Integration Results

RT = 5.958	Response = 26930732	M
RT = 7.469	Response = 23901436	M
RT = 8.093	Response = 70611763	M
RT = 8.726	Response = 29917097	M
RT = 10.054	Response = 22024971	

Reviewer: patelji, 16-Sep-2013 15:45:39

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SI | Lab Sample ID: 460-62968-22

Matrix: Solid | Lab File ID: VR489397.D

Analysis Method: 8082 | Date Collected: 09/12/2013 12:10

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.01(g) | Date Analyzed: 09/16/2013 14:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181549 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	290		78	18
11096-82-5	Aroclor 1260	37	J	78	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\CPESTGC9\20130916-4664.b\VR489397.D
Lims ID: 460-62968-E-22-B Client ID: PMP-28SE-SI
Inject. Date: 16-Sep-2013 14:16:13 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-0004664-012
Misc. Info.:
Operator: Instrument ID: CPESTGC9
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 181549 Lims Sample ID: 12
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\8082GC9.m
Last Update: 16-Sep-2013 16:35:58 Calib Date: 09-Sep-2013 12:14:03
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20130909-4417.b\VR489193.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK029

First Level Reviewer: patelji Date: 16-Sep-2013 15:41:32

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	2.994	3.001	-0.007	10179947	302.8	
1	3.700	3.705	-0.005	21442149	434.0	
1	4.539	4.544	-0.005	36718316	402.5	
1	4.788	4.790	-0.002	16080025	385.3	
1	6.337	6.338	-0.001	11599831	318.5	
		Average of Peak Amounts =			368.6	
2	2.001	2.035	-0.034	9323650	250.1	
2	2.439	2.471	-0.032	22483186	351.5	M
2	3.032	3.062	-0.030	49837665	386.5	M
2	3.222	3.252	-0.030	19950281	390.0	M
2	3.923	3.953	-0.030	17744304	365.4	M
		Average of Peak Amounts =			348.7	
					RPD = 5.54	
10 PCB-1260						M
1	7.851	7.855	-0.004	3755088	59.1	M
1	8.310	8.313	-0.003	4070050	43.0	M
1	9.984	9.990	-0.006	2957329	62.9	
1	10.335	10.339	-0.004	3610121	37.7	
1	11.163	11.156	0.007	791105	35.1	
		Average of Peak Amounts =			47.6	
2	5.953	5.976	-0.023	4651311	61.5	M
2	7.461	7.486	-0.025	3469825	46.3	M
2	8.087	8.111	-0.024	9517568	46.2	M
2	8.721	8.744	-0.023	3648882	42.4	M
2	10.049	10.066	-0.017	2229345	39.9	M
		Average of Peak Amounts =			47.2	
					RPD = 0.66	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						M
1	11.616	11.595	0.021	23594262	45.0	
2	10.562	10.568	-0.006	50359029	58.9	M
					RPD = 26.82	

QC Flag Legend

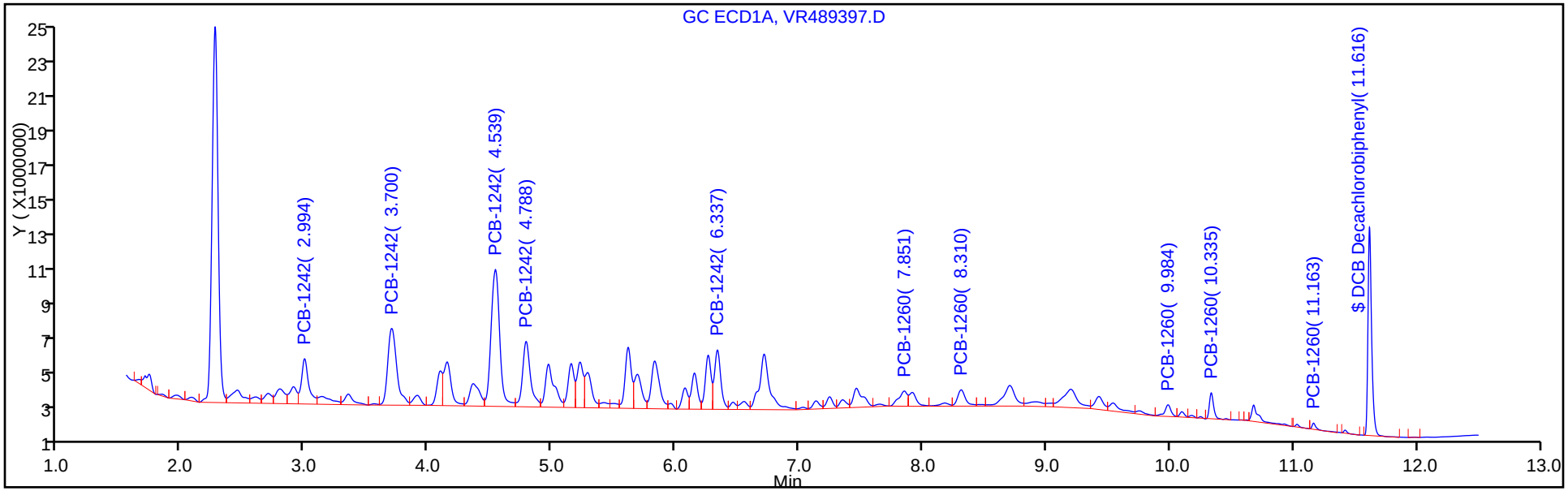
Review Flags
M - Manually Integrated

Report Date: 16-Sep-2013 16:36:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

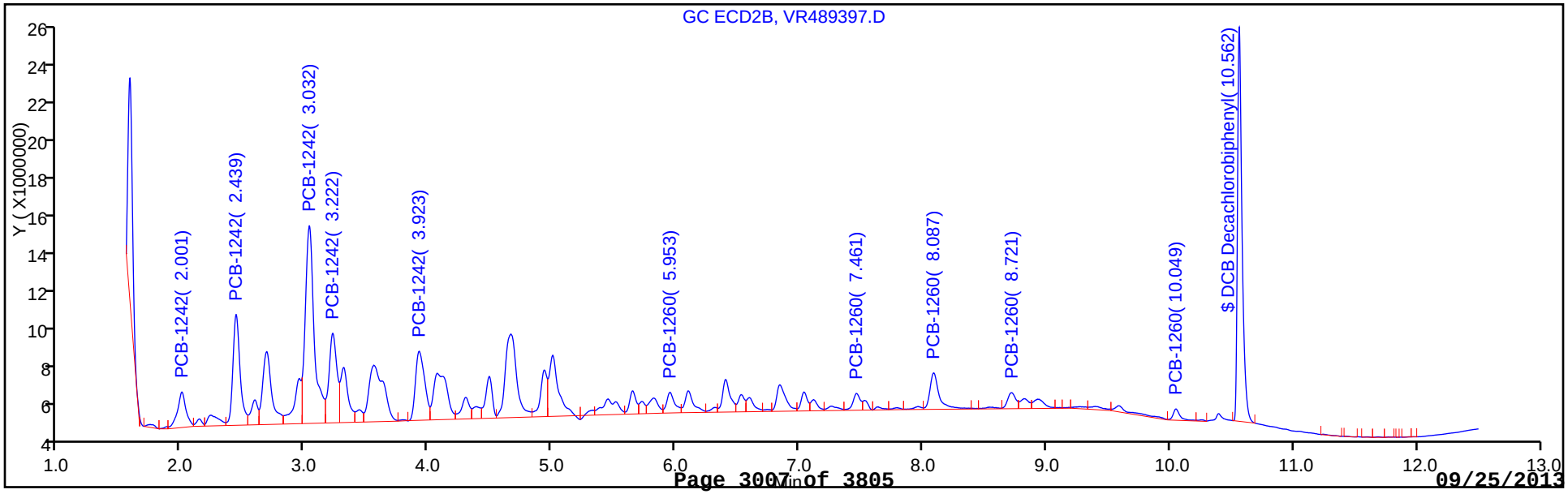
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489397.D		
Injection Date:	16-Sep-2013 14:16:13	Limit Group:	GC 8082 PCB
Client ID:	PMP-28SE-SI	Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



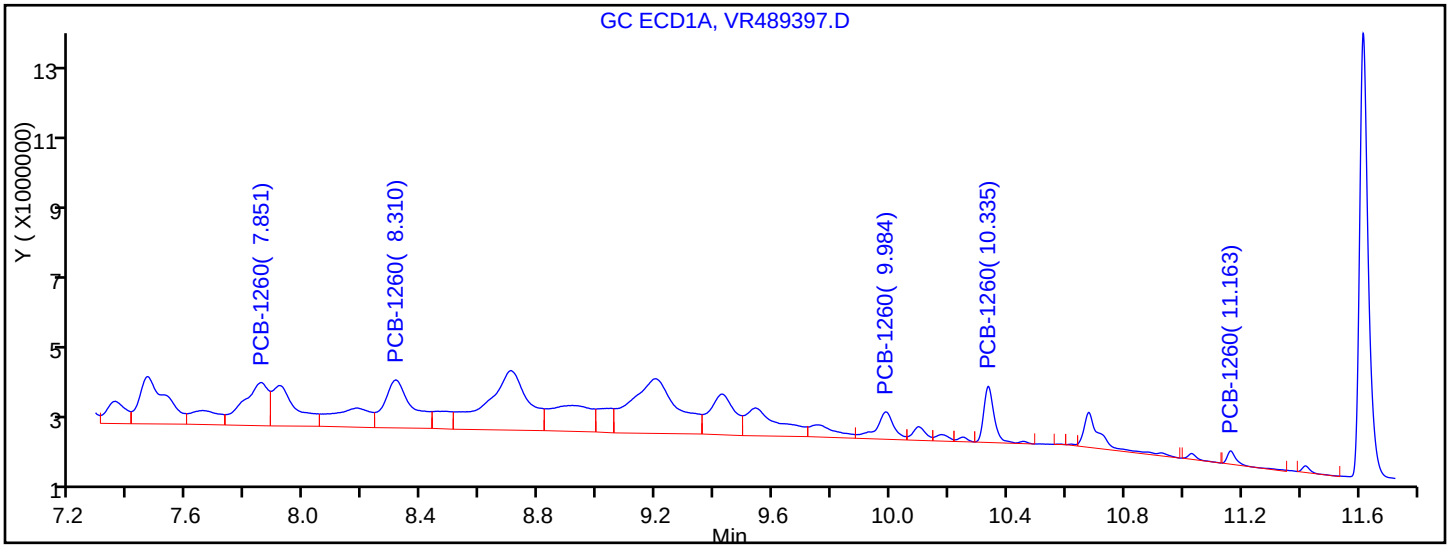
Report Date: 16-Sep-2013 16:36:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489397.D

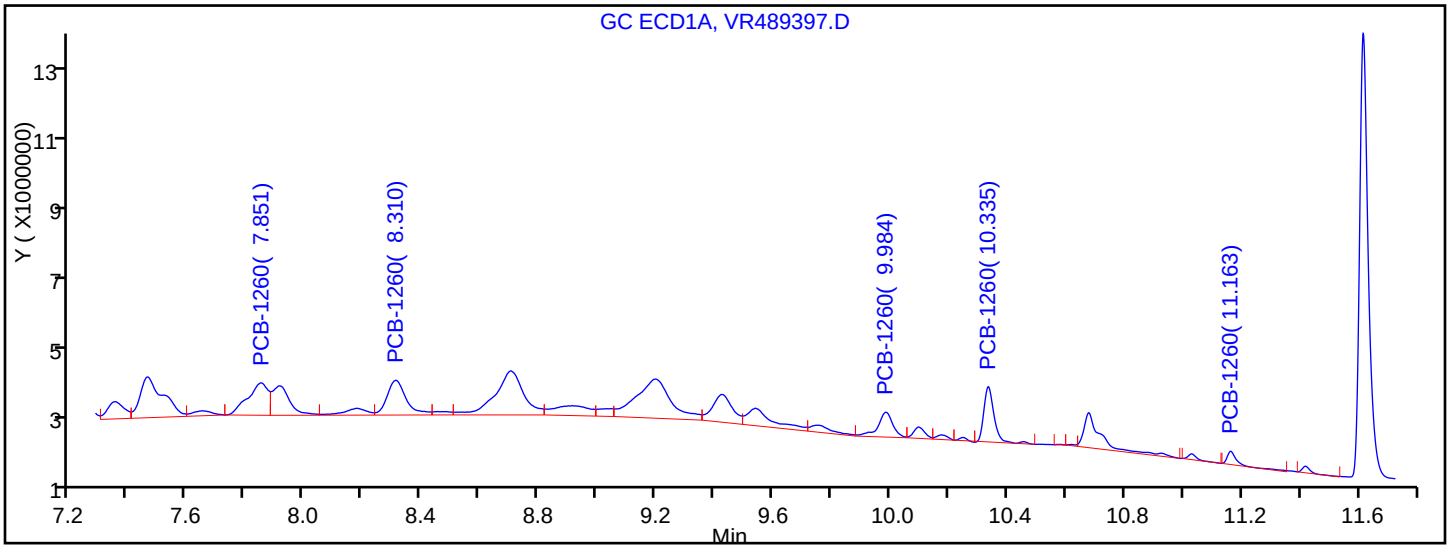
Injection Date:	16-Sep-2013 14:16:13	Limit Group:	GC 8082 PCB
Client ID:	PMP-28SE-SI	Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 7.851	Response = 6537349	M
RT = 8.310	Response = 8087625	M
RT = 9.984	Response = 2957329	
RT = 10.335	Response = 3610121	
RT = 11.163	Response = 791105	



Manual Integration Results

RT = 7.851	Response = 3755088	M
RT = 8.310	Response = 4070050	M
RT = 9.984	Response = 2957329	
RT = 10.335	Response = 3610121	
RT = 11.163	Response = 791105	

Reviewer: patelji, 16-Sep-2013 15:41:32

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SI | Lab Sample ID: 460-62968-22

Matrix: Solid | Lab File ID: VR489397.D

Analysis Method: 8082 | Date Collected: 09/12/2013 12:10

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.01(g) | Date Analyzed: 09/16/2013 14:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181549 | 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
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	118		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489397.D
Lims ID: 460-62968-E-22-B Client ID: PMP-28SE-SI
Inject. Date: 16-Sep-2013 14:16:13 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-0004664-012
Misc. Info.:
Operator: Instrument ID: CPESTGC9
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 181549 Lims Sample ID: 12
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\8082GC9.m
Last Update: 16-Sep-2013 16:35:58 Calib Date: 09-Sep-2013 12:14:03
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20130909-4417.b\VR489193.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK029

First Level Reviewer: patelji Date: 16-Sep-2013 15:41:32

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	2.994	3.001	-0.007	10179947	302.8	
1	3.700	3.705	-0.005	21442149	434.0	
1	4.539	4.544	-0.005	36718316	402.5	
1	4.788	4.790	-0.002	16080025	385.3	
1	6.337	6.338	-0.001	11599831	318.5	
		Average of Peak Amounts =			368.6	
2	2.001	2.035	-0.034	9323650	250.1	
2	2.439	2.471	-0.032	22483186	351.5	M
2	3.032	3.062	-0.030	49837665	386.5	M
2	3.222	3.252	-0.030	19950281	390.0	M
2	3.923	3.953	-0.030	17744304	365.4	M
		Average of Peak Amounts =			348.7	
					RPD = 5.54	
10 PCB-1260						M
1	7.851	7.855	-0.004	3755088	59.1	M
1	8.310	8.313	-0.003	4070050	43.0	M
1	9.984	9.990	-0.006	2957329	62.9	
1	10.335	10.339	-0.004	3610121	37.7	
1	11.163	11.156	0.007	791105	35.1	
		Average of Peak Amounts =			47.6	
2	5.953	5.976	-0.023	4651311	61.5	M
2	7.461	7.486	-0.025	3469825	46.3	M
2	8.087	8.111	-0.024	9517568	46.2	M
2	8.721	8.744	-0.023	3648882	42.4	M
2	10.049	10.066	-0.017	2229345	39.9	M
		Average of Peak Amounts =			47.2	
					RPD = 0.66	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						M
1	11.616	11.595	0.021	23594262	45.0	
2	10.562	10.568	-0.006	50359029	58.9	M
					RPD = 26.82	

QC Flag Legend

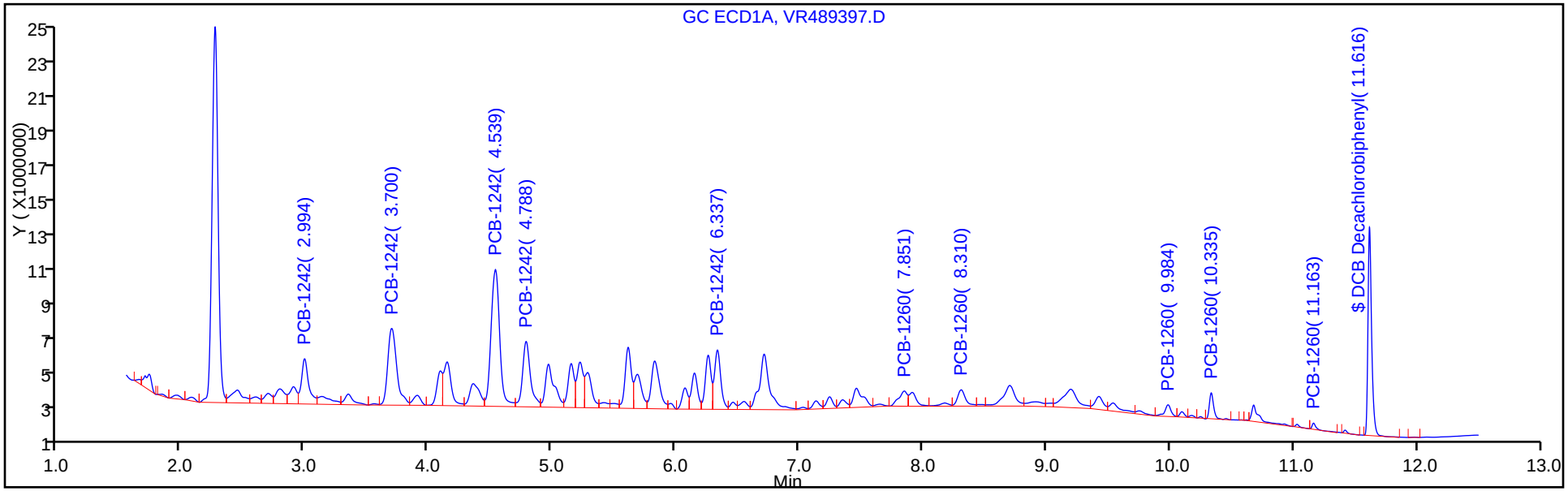
Review Flags
M - Manually Integrated

Report Date: 16-Sep-2013 16:36:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

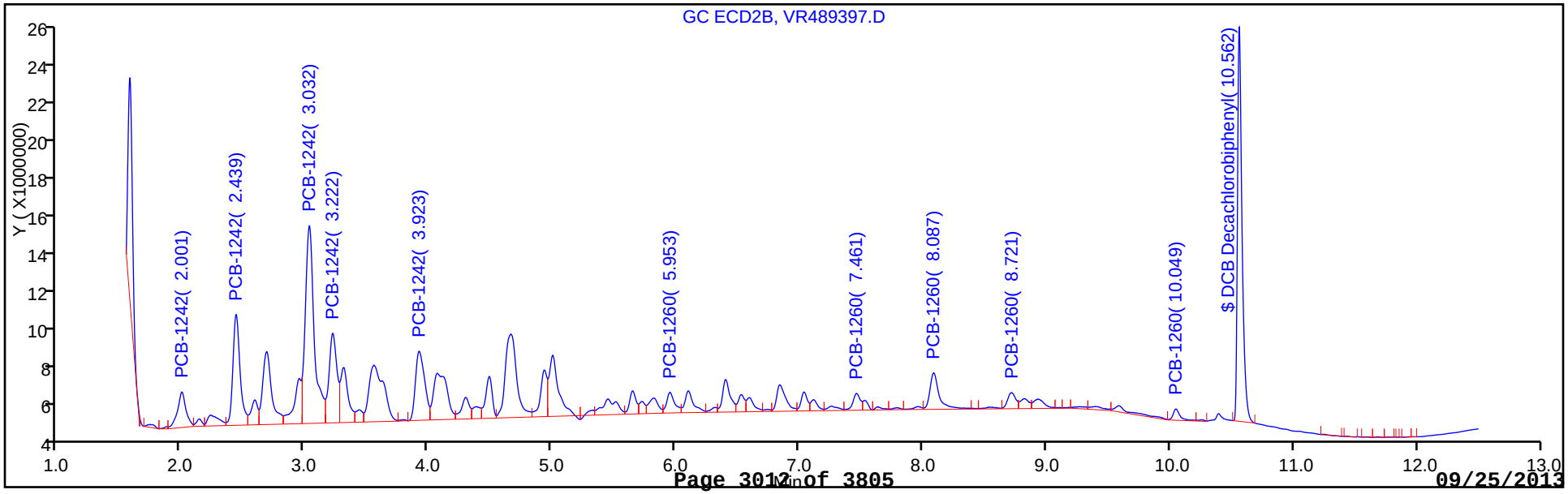
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489397.D		
Injection Date:	16-Sep-2013 14:16:13	Limit Group:	GC 8082 PCB
Client ID:	PMP-28SE-SI	Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

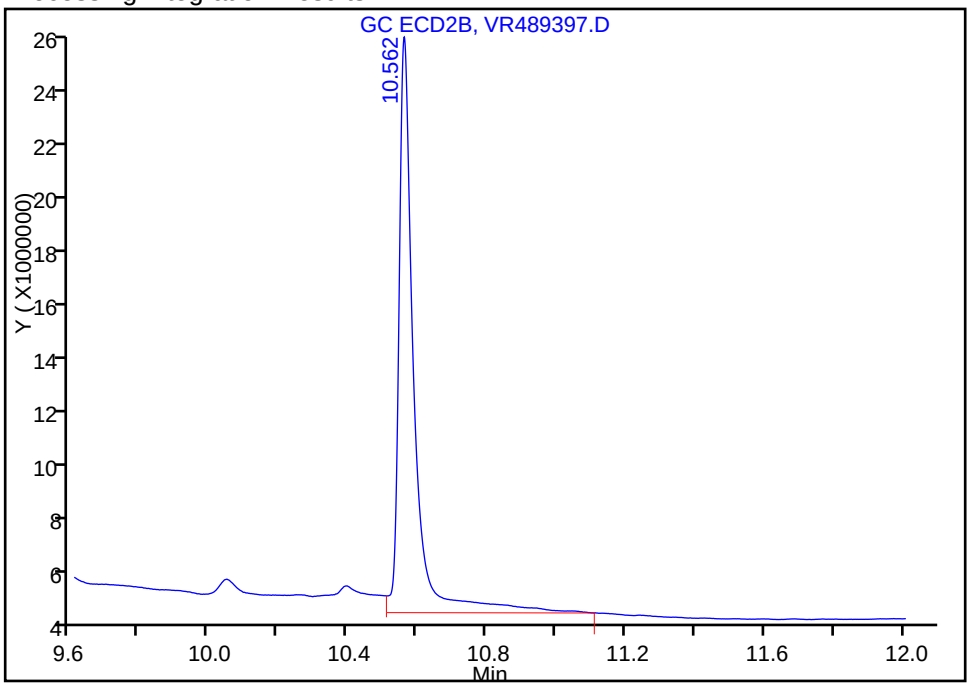
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489397.D		
Injection Date:	16-Sep-2013 14:16:13	Limit Group:	GC 8082 PCB
Client ID:	PMP-28SE-SI	Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 5 DCB Decachlorobiphenyl, Signal: 2, Type: quant, RT: 10.57, Det: GC ECD2B

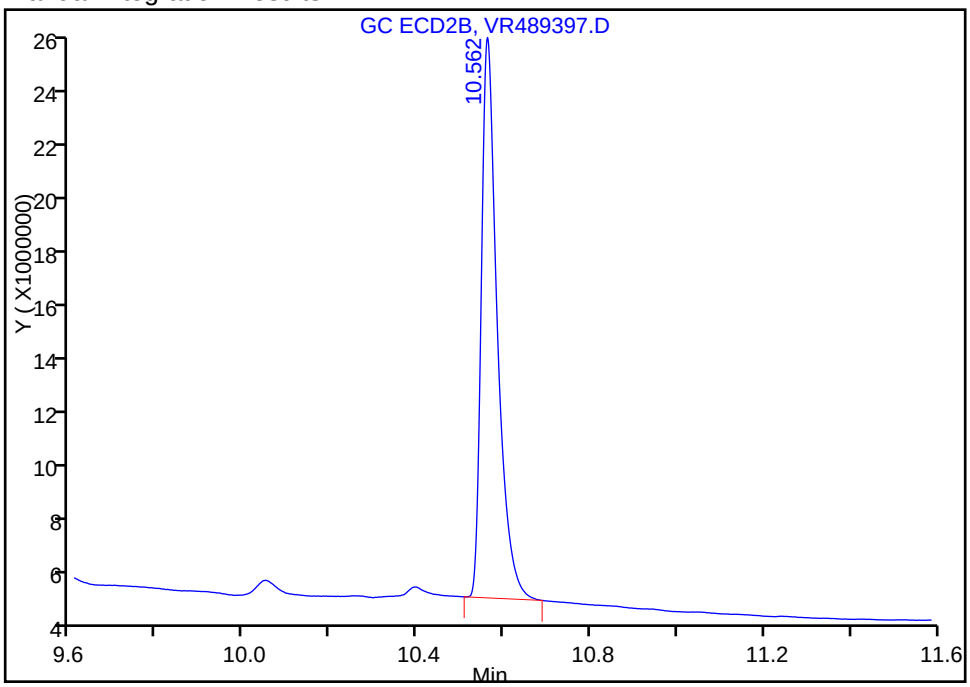
Processing Integration Results

RT: 10.56
Response: 61412346
Amount: 71.867054



Manual Integration Results

RT: 10.56
Response: 50359029
Amount: 58.932044



Reviewer: patelji, 16-Sep-2013 15:41:32
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

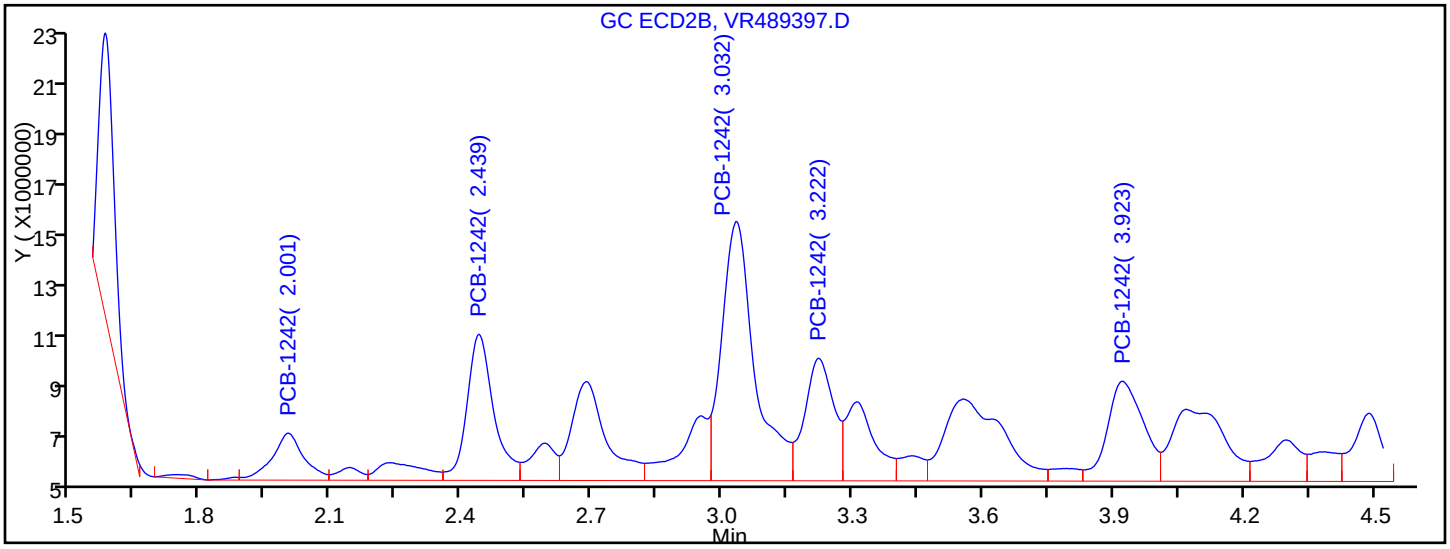
Report Date: 16-Sep-2013 16:36:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489397.D

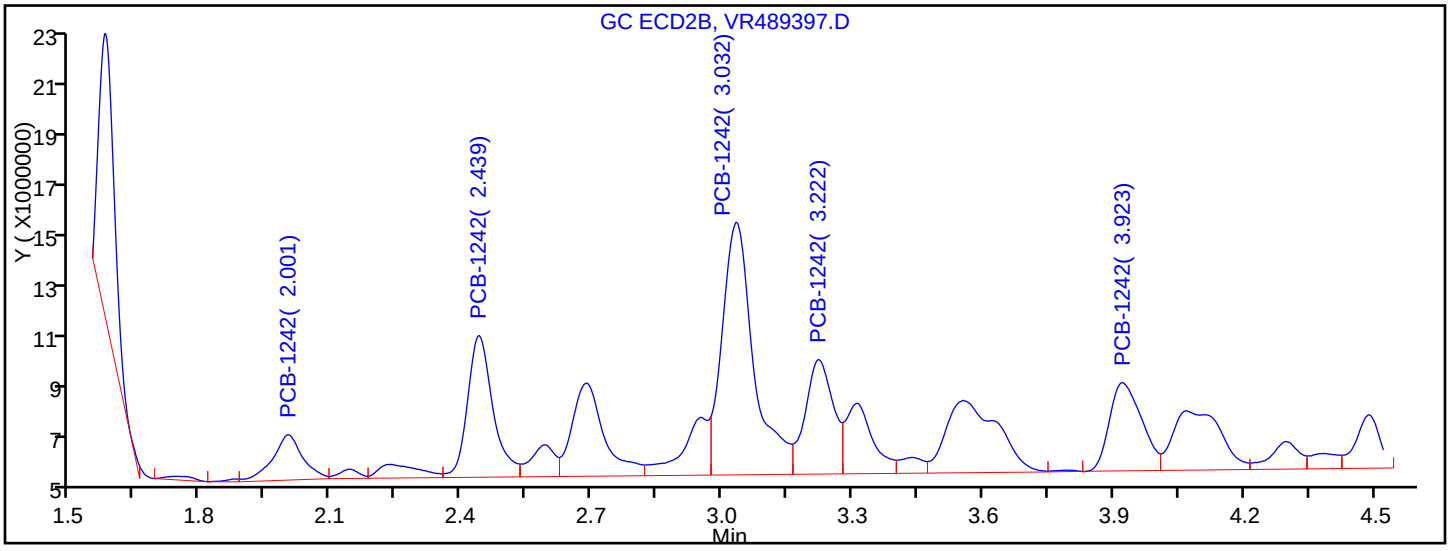
Injection Date:	16-Sep-2013 14:16:13	Limit Group:	GC 8082 PCB
Client ID:	PMP-28SE-SI	Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.001	Response = 9323650	
RT = 2.439	Response = 24506984	M
RT = 3.032	Response = 53233394	M
RT = 3.222	Response = 22209386	M
RT = 3.923	Response = 22769160	M



Manual Integration Results

RT = 2.001	Response = 9323650	
RT = 2.439	Response = 22483186	M
RT = 3.032	Response = 49837665	M
RT = 3.222	Response = 19950281	M
RT = 3.923	Response = 17744304	M

Reviewer: patelji, 16-Sep-2013 15:41:32

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

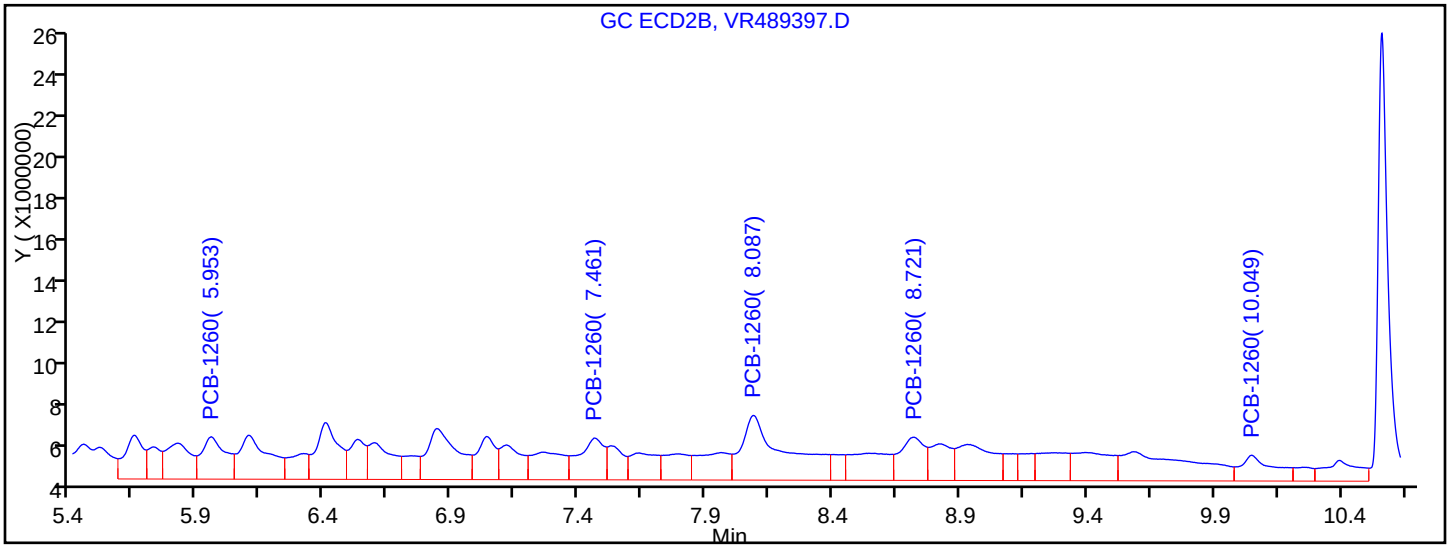
Report Date: 16-Sep-2013 16:36:29 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489397.D

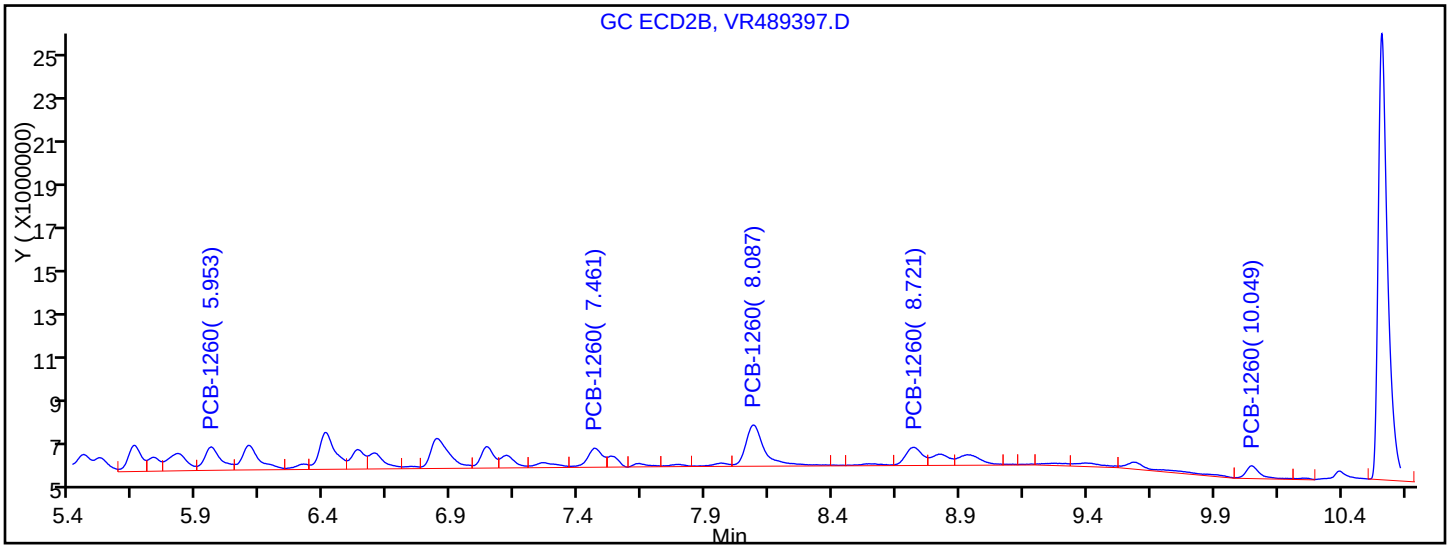
Injection Date:	16-Sep-2013 14:16:13	Limit Group:	GC 8082 PCB
Client ID:	PMP-28SE-SI	Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 PCB-1260, Detector: 2, GC ECD2B



Processing Integration Results

RT = 5.953	Response = 12481678	M
RT = 7.461	Response = 12811924	M
RT = 8.087	Response = 35278211	M
RT = 8.721	Response = 12840650	M
RT = 10.049	Response = 10379645	M



Manual Integration Results

RT = 5.953	Response = 4651311	M
RT = 7.461	Response = 3469825	M
RT = 8.087	Response = 9517568	M
RT = 8.721	Response = 3648882	M
RT = 10.049	Response = 2229345	M

Reviewer: patelji, 16-Sep-2013 15:41:32

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SD | Lab Sample ID: 460-62968-23

Matrix: Solid | Lab File ID: VR489398.D

Analysis Method: 8082 | Date Collected: 09/12/2013 12:15

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.05(g) | Date Analyzed: 09/16/2013 14:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181549 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	79		75	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	72		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489398.D		
Lims ID:	460-62968-E-23-B	Client ID:	PMP-28SE-SD
Inject. Date:	16-Sep-2013 14:31:59	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004664-013		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC9
Injection Vol:	1.0 ul	ALS Bottle#:	13
Lims Batch ID:	181549	Lims Sample ID:	13
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\8082GC9.m		
Last Update:	16-Sep-2013 16:35:58	Calib Date:	09-Sep-2013 12:14:03
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC9\20130909-4417.b\VR489193.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: patelji Date: 16-Sep-2013 15:42:39

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	2.978	3.001	-0.023	2765529	82.2	M
1	3.680	3.705	-0.025	4624374	93.6	
1	4.525	4.544	-0.019	13527756	148.3	
1	4.770	4.790	-0.020	4741302	113.6	
1	6.324	6.338	-0.014	3241064	89.0	
		Average of Peak Amounts =			105.3	
2	2.008	2.035	-0.027	2381002	63.9	
2	2.444	2.471	-0.027	5007307	78.3	M
2	3.036	3.062	-0.026	17786290	137.9	M
2	3.224	3.252	-0.028	6471151	126.5	
2	3.930	3.953	-0.023	4604741	94.8	
		Average of Peak Amounts =			100.3	
					RPD = 4.92	
$ 5 DCB Decachlorobiphenyl						
1	11.597	11.595	0.002	18806121	35.9	
2	10.562	10.568	-0.006	42778437	50.1	
					RPD = 33.04	

QC Flag Legend

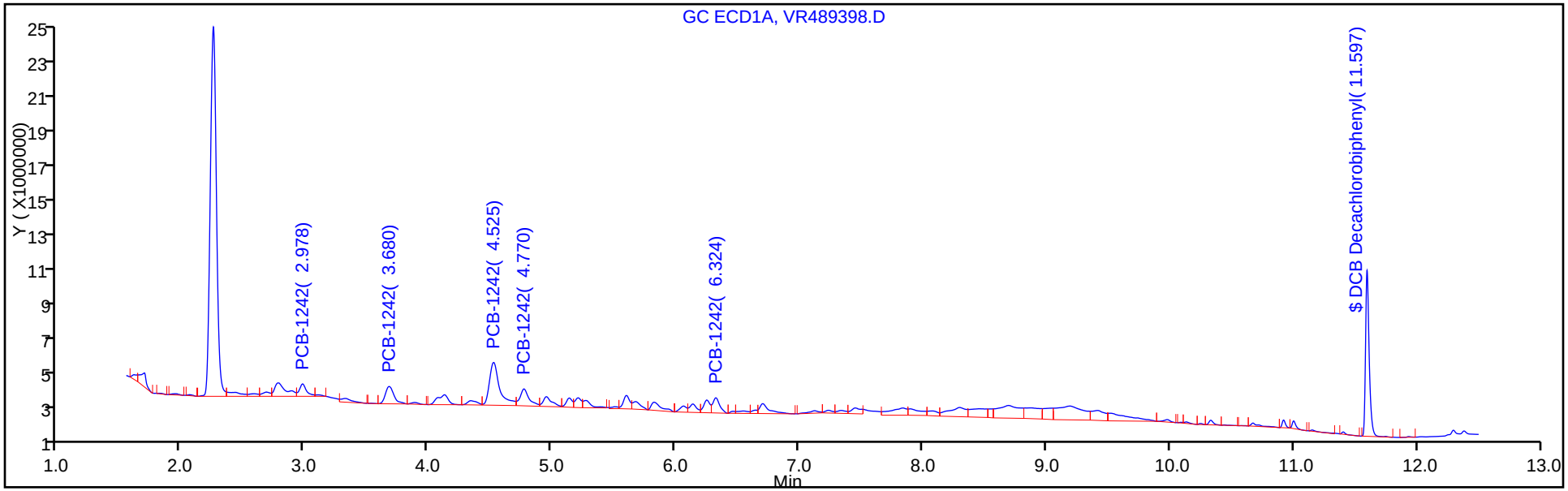
Review Flags
M - Manually Integrated

Report Date: 16-Sep-2013 16:36:31 Chrom Revision: 2.1 25-Jul-2013 20:19:50

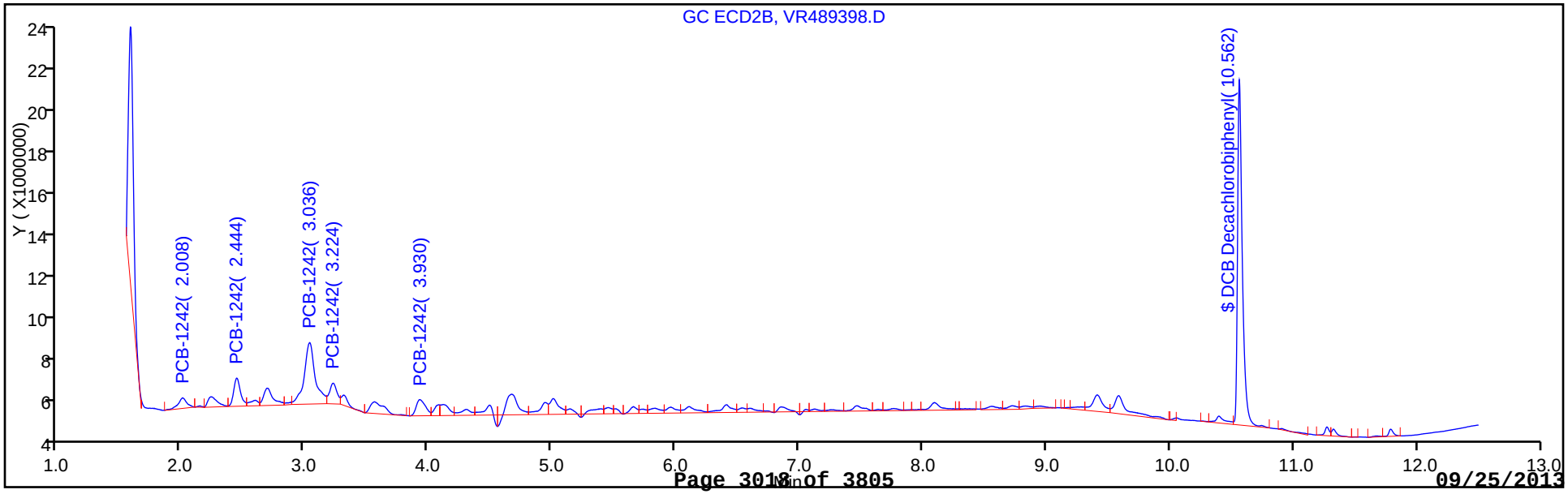
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489398.D		
Injection Date:	16-Sep-2013 14:31:59	Limit Group:	GC 8082 PCB
Client ID:	PMP-28SE-SD	Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



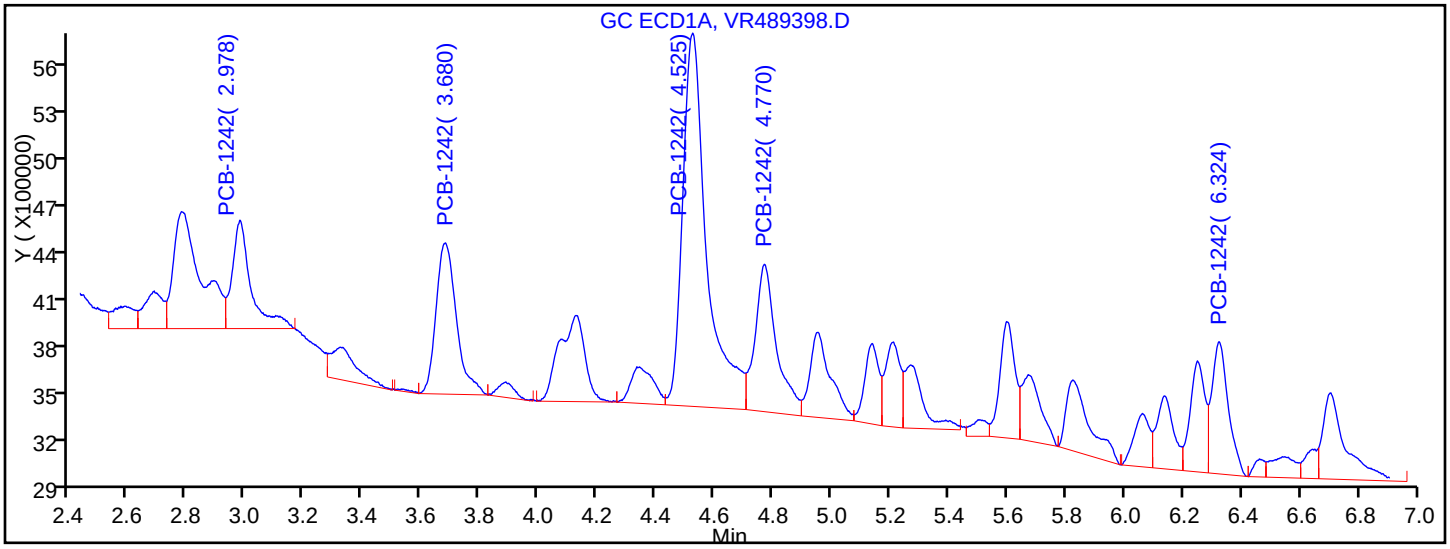
Report Date: 16-Sep-2013 16:36:31 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489398.D

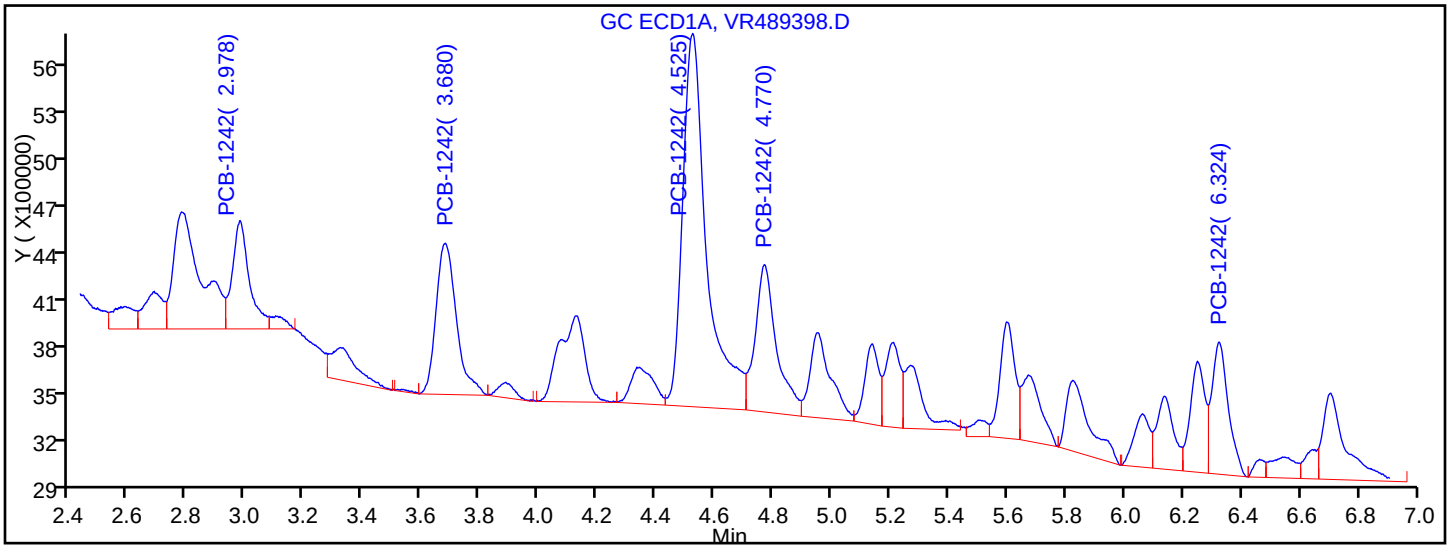
Injection Date:	16-Sep-2013 14:31:59	Limit Group:	GC 8082 PCB
Client ID:	PMP-28SE-SD	Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 2.978	Response = 3051337	M
RT = 3.680	Response = 4624374	
RT = 4.525	Response = 13527756	
RT = 4.770	Response = 4741302	
RT = 6.324	Response = 3241064	



Manual Integration Results

RT = 2.978	Response = 2765529	M
RT = 3.680	Response = 4624374	
RT = 4.525	Response = 13527756	
RT = 4.770	Response = 4741302	
RT = 6.324	Response = 3241064	

Reviewer: patelji, 16-Sep-2013 15:42:39

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SD Lab Sample ID: 460-62968-23

Matrix: Solid Lab File ID: VR489398.D

Analysis Method: 8082 Date Collected: 09/12/2013 12:15

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.05(g) Date Analyzed: 09/16/2013 14:31

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181549 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	75	17
11104-28-2	Aroclor 1221	17	U	75	17
11141-16-5	Aroclor 1232	17	U	75	17
12672-29-6	Aroclor 1248	17	U	75	17
11097-69-1	Aroclor 1254	21	U	75	21
11096-82-5	Aroclor 1260	21	U	75	21
37324-23-5	Aroclor 1262	21	U	75	21
11100-14-4	Aroclor 1268	21	U	75	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489398.D		
Lims ID:	460-62968-E-23-B	Client ID:	PMP-28SE-SD
Inject. Date:	16-Sep-2013 14:31:59	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004664-013		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC9
Injection Vol:	1.0 ul	ALS Bottle#:	13
Lims Batch ID:	181549	Lims Sample ID:	13
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\8082GC9.m		
Last Update:	16-Sep-2013 16:35:58	Calib Date:	09-Sep-2013 12:14:03
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC9\20130909-4417.b\VR489193.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: patelji Date: 16-Sep-2013 15:42:39

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	2.978	3.001	-0.023	2765529	82.2	M
1	3.680	3.705	-0.025	4624374	93.6	
1	4.525	4.544	-0.019	13527756	148.3	
1	4.770	4.790	-0.020	4741302	113.6	
1	6.324	6.338	-0.014	3241064	89.0	
		Average of Peak Amounts =			105.3	
2	2.008	2.035	-0.027	2381002	63.9	
2	2.444	2.471	-0.027	5007307	78.3	M
2	3.036	3.062	-0.026	17786290	137.9	M
2	3.224	3.252	-0.028	6471151	126.5	
2	3.930	3.953	-0.023	4604741	94.8	
		Average of Peak Amounts =			100.3	
					RPD = 4.92	
$ 5 DCB Decachlorobiphenyl						
1	11.597	11.595	0.002	18806121	35.9	
2	10.562	10.568	-0.006	42778437	50.1	
					RPD = 33.04	

QC Flag Legend

Review Flags
M - Manually Integrated

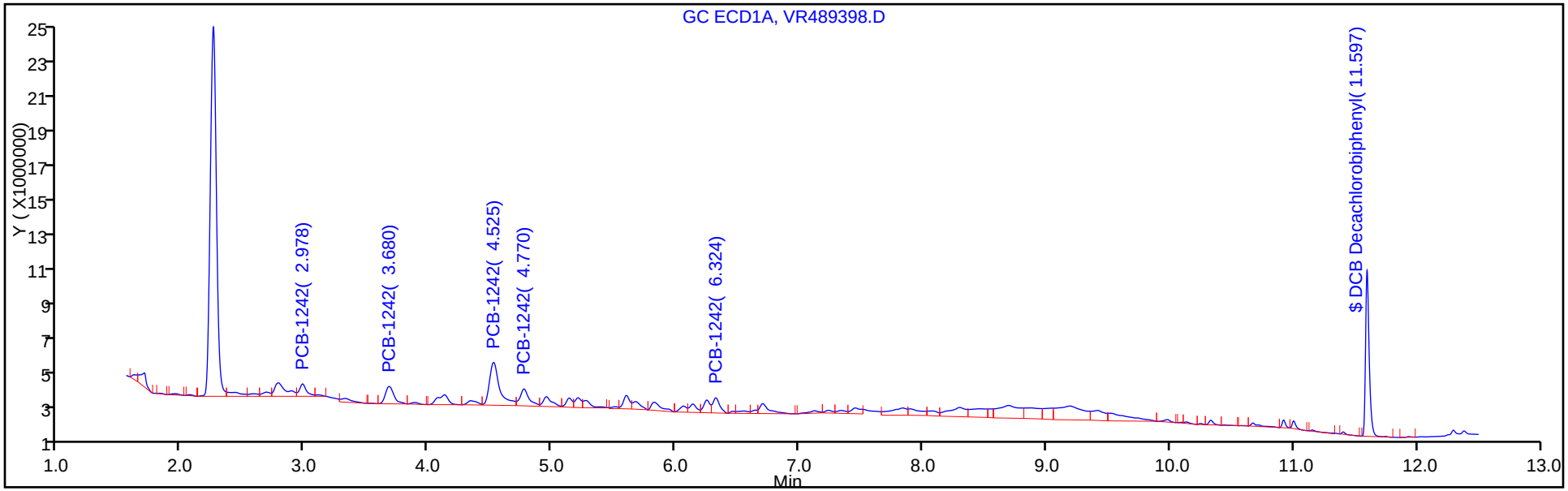
Report Date: 16-Sep-2013 16:36:31 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

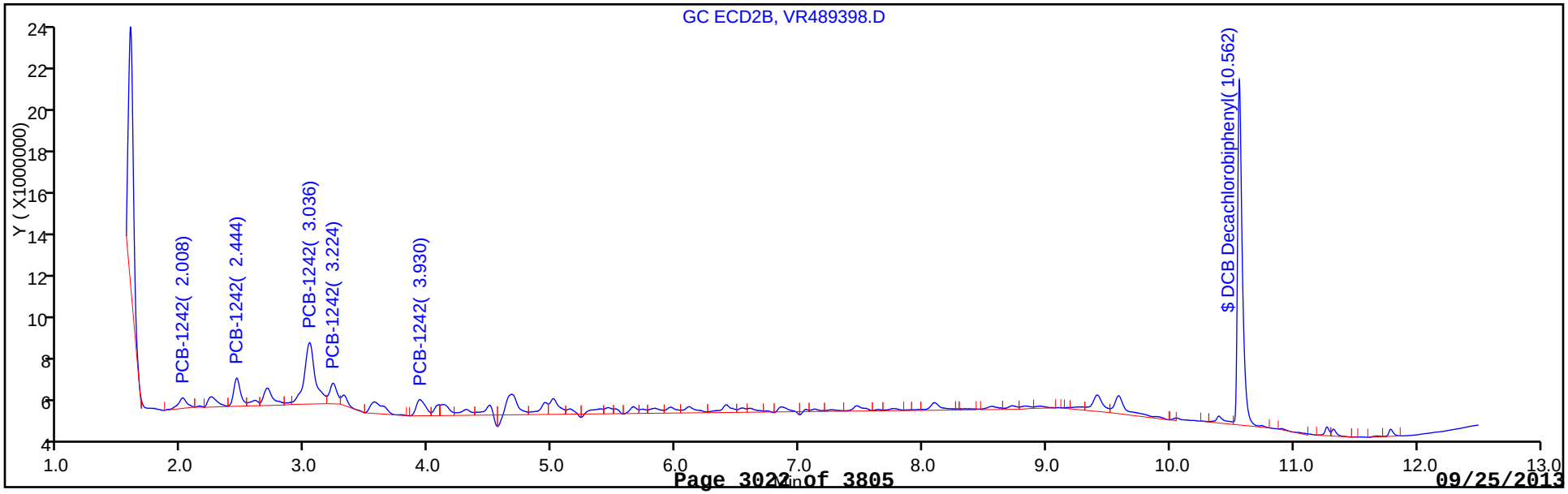
Data File: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489398.D

Injection Date:	16-Sep-2013 14:31:59	Limit Group:	GC 8082 PCB
Client ID:	PMP-28SE-SD	Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



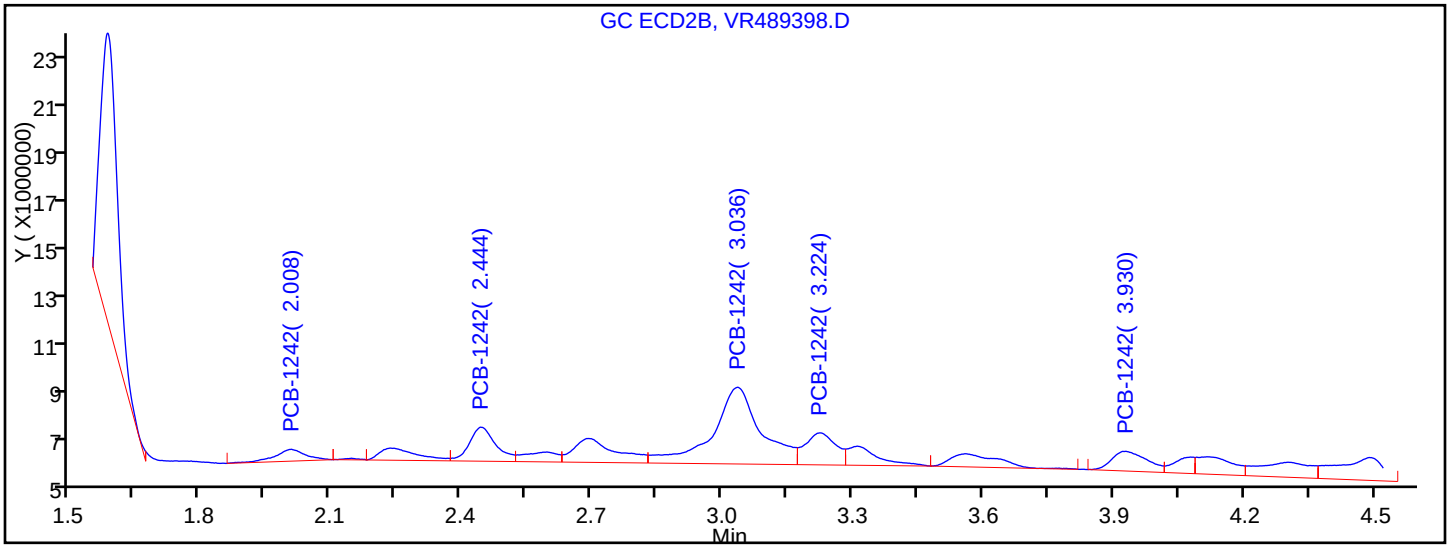
Report Date: 16-Sep-2013 16:36:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489398.D

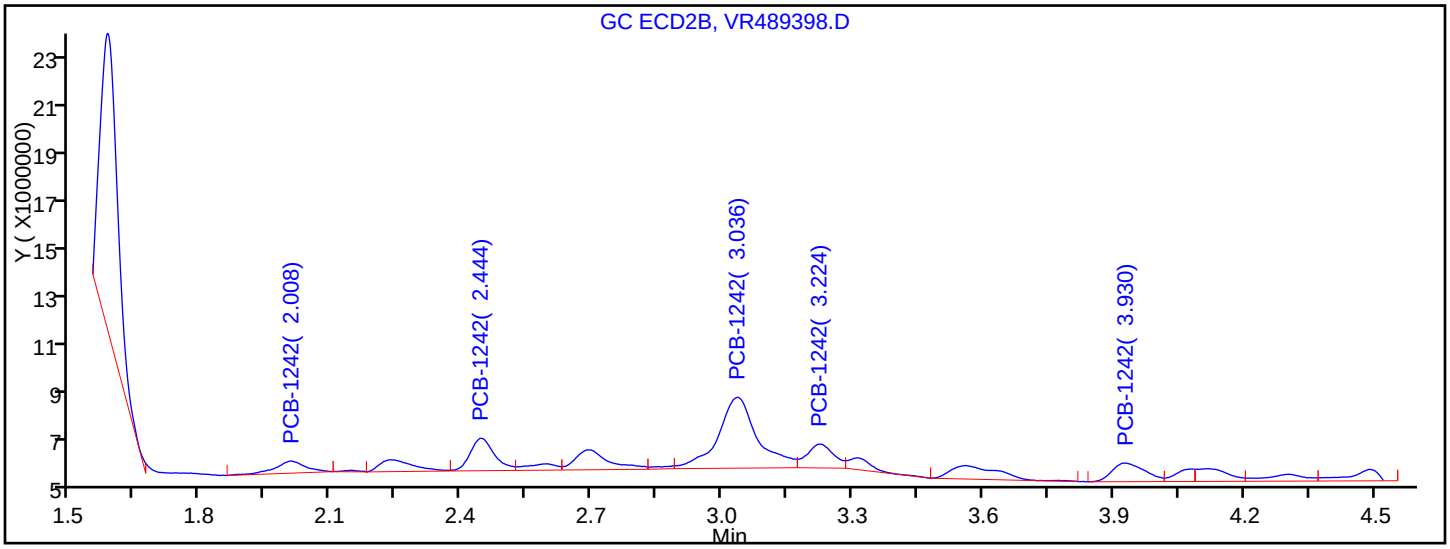
Injection Date:	16-Sep-2013 14:31:59	Limit Group:	GC 8082 PCB
Client ID:	PMP-28SE-SD	Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.008	Response = 2381002	
RT = 2.444	Response = 5911695	M
RT = 3.036	Response = 24378041	M
RT = 3.224	Response = 6471151	
RT = 3.930	Response = 4604741	



Manual Integration Results

RT = 2.008	Response = 2381002	
RT = 2.444	Response = 5007307	M
RT = 3.036	Response = 17786290	M
RT = 3.224	Response = 6471151	
RT = 3.930	Response = 4604741	

Reviewer: patelji, 16-Sep-2013 15:42:39

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-VD Lab Sample ID: 460-62968-24

Matrix: Solid Lab File ID: OR208107.D

Analysis Method: 8082 Date Collected: 09/12/2013 14:00

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.04(g) Date Analyzed: 09/16/2013 23:20

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181607 Units: ug/Kg

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\20130915-4643.b\OR208107.D		
Lims ID:	460-62968-E-24-B	Client ID:	PMP-9SE-VD
Inject. Date:	16-Sep-2013 23:20:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-058		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	58
Lims Batch ID:	181607	Lims Sample ID:	58
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:35:08	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 11:17:27

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.702	10.710	-0.008	180289	46.2	
2	9.370	9.377	-0.007	310317	44.0	
					RPD = 4.95	

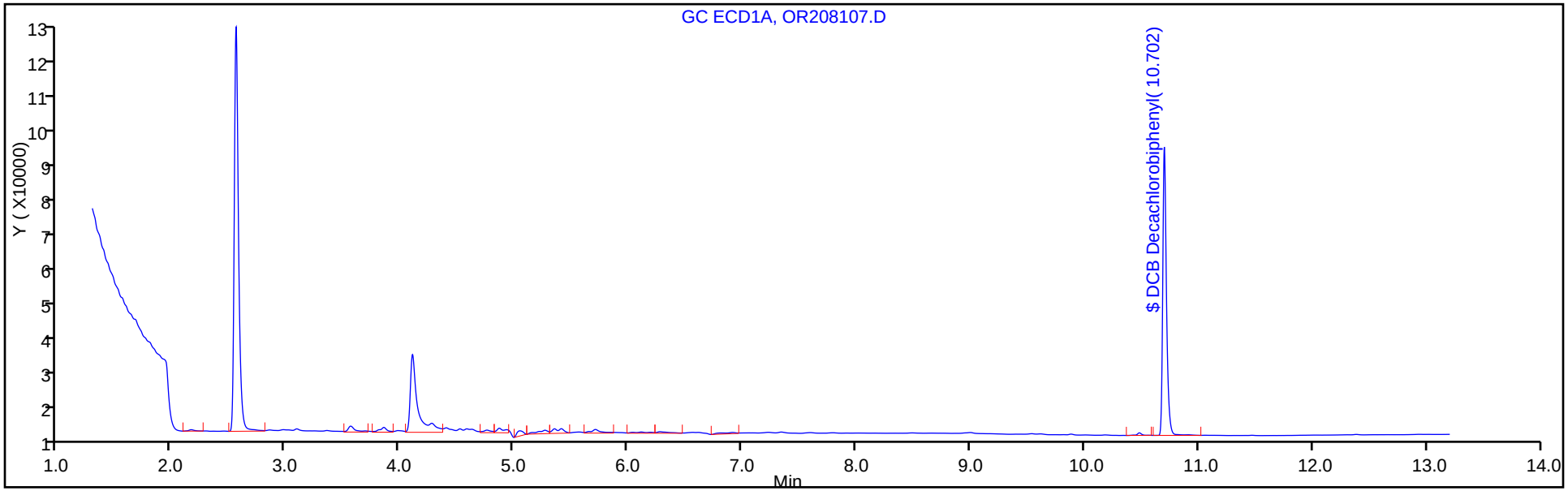
Report Date: 17-Sep-2013 11:35:11 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

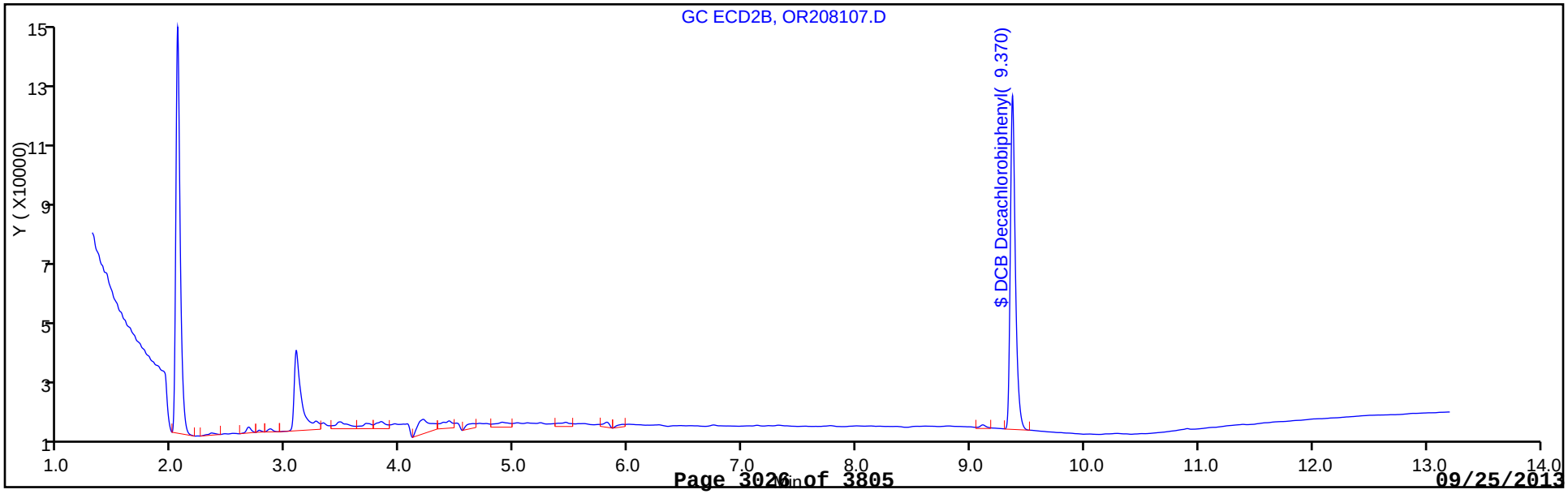
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208107.D

Injection Date:	16-Sep-2013 23:20:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-9SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-VD | Lab Sample ID: 460-62968-24

Matrix: Solid | Lab File ID: OR208107.D

Analysis Method: 8082 | Date Collected: 09/12/2013 14:00

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.04(g) | Date Analyzed: 09/16/2013 23:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181607 | 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\20130915-4643.b\OR208107.D		
Lims ID:	460-62968-E-24-B	Client ID:	PMP-9SE-VD
Inject. Date:	16-Sep-2013 23:20:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-058		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	58
Lims Batch ID:	181607	Lims Sample ID:	58
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:35:08	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 11:17:27

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.702	10.710	-0.008	180289	46.2	
2	9.370	9.377	-0.007	310317	44.0	
					RPD = 4.95	

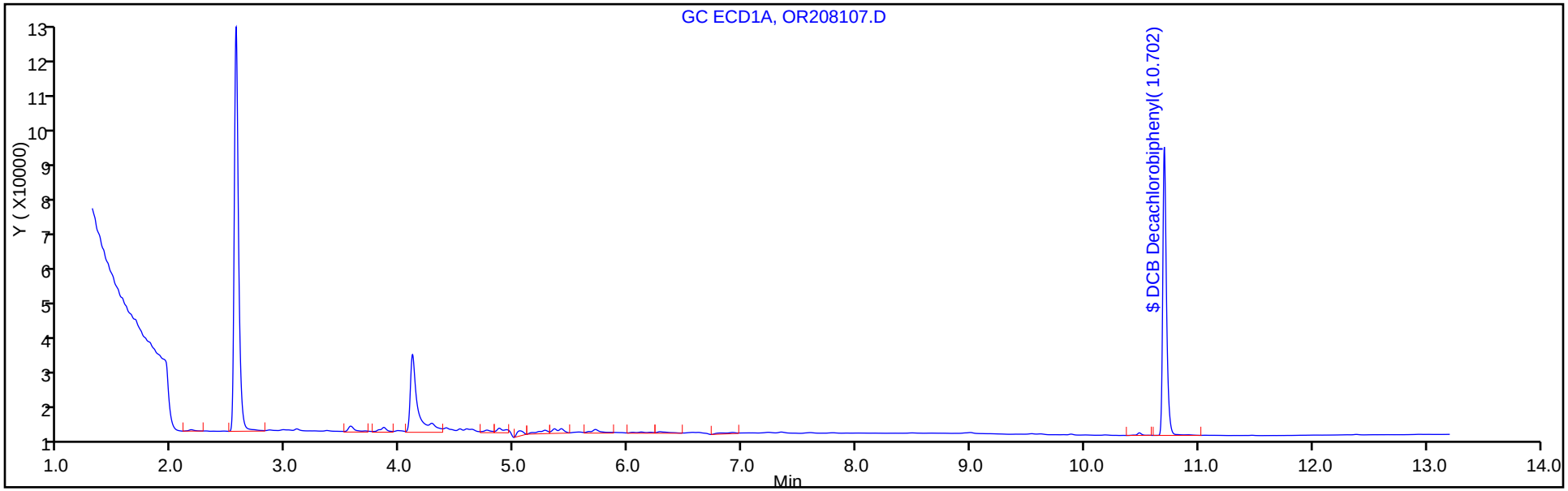
Report Date: 17-Sep-2013 11:35:11 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

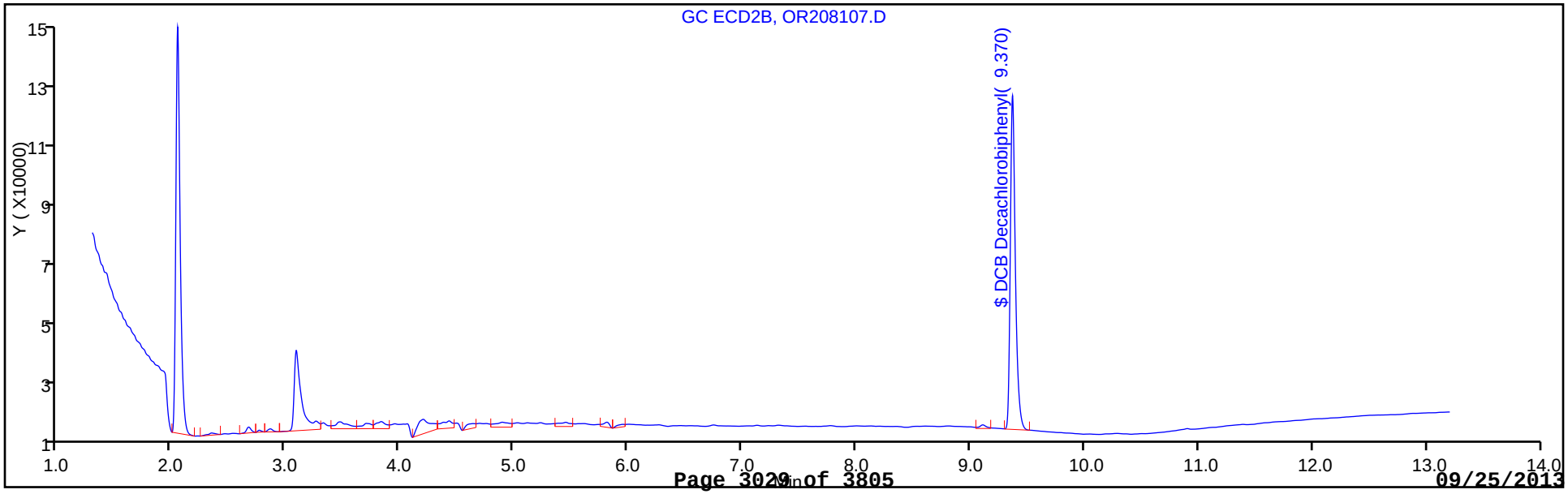
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208107.D

Injection Date:	16-Sep-2013 23:20:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-9SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-WT Lab Sample ID: 460-62968-25

Matrix: Solid Lab File ID: OR208108.D

Analysis Method: 8082 Date Collected: 09/12/2013 14:05

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.02(g) Date Analyzed: 09/16/2013 23:36

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181607 Units: ug/Kg

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\20130915-4643.b\OR208108.D		
Lims ID:	460-62968-E-25-B	Client ID:	PMP-9SE-WT
Inject. Date:	16-Sep-2013 23:36:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-059		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	59
Lims Batch ID:	181607	Lims Sample ID:	59
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:35:08	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 11:17:44

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.703	10.710	-0.007	179733	46.1	
2	9.368	9.377	-0.009	308526	43.8	
					RPD = 5.22	

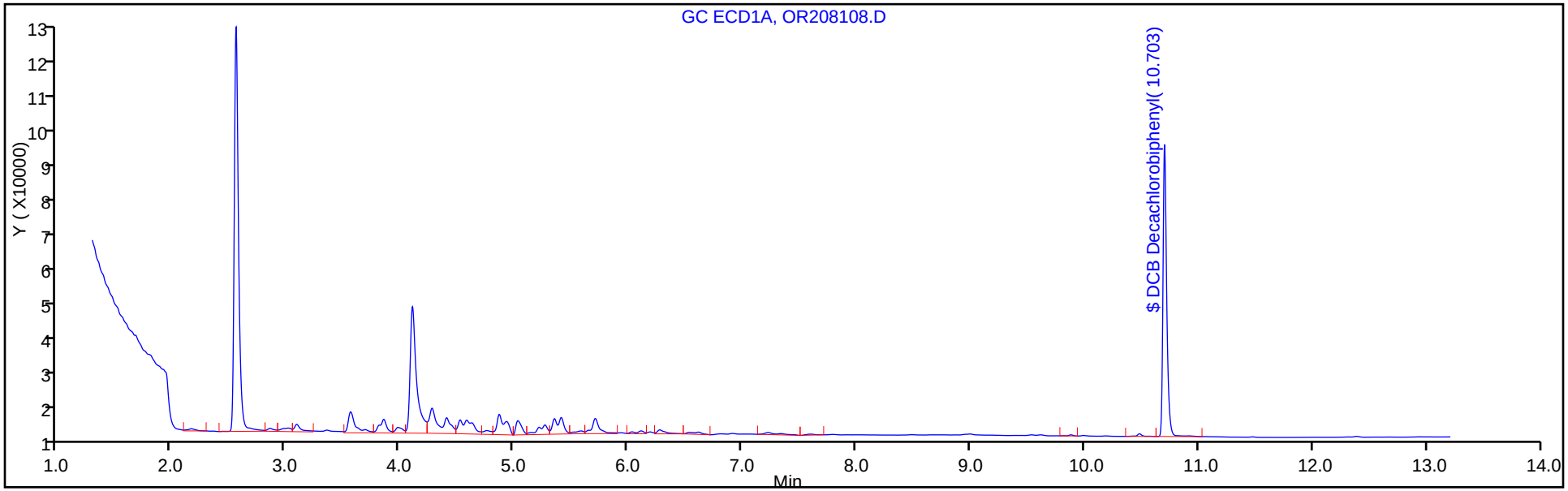
Report Date: 17-Sep-2013 11:35:11 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

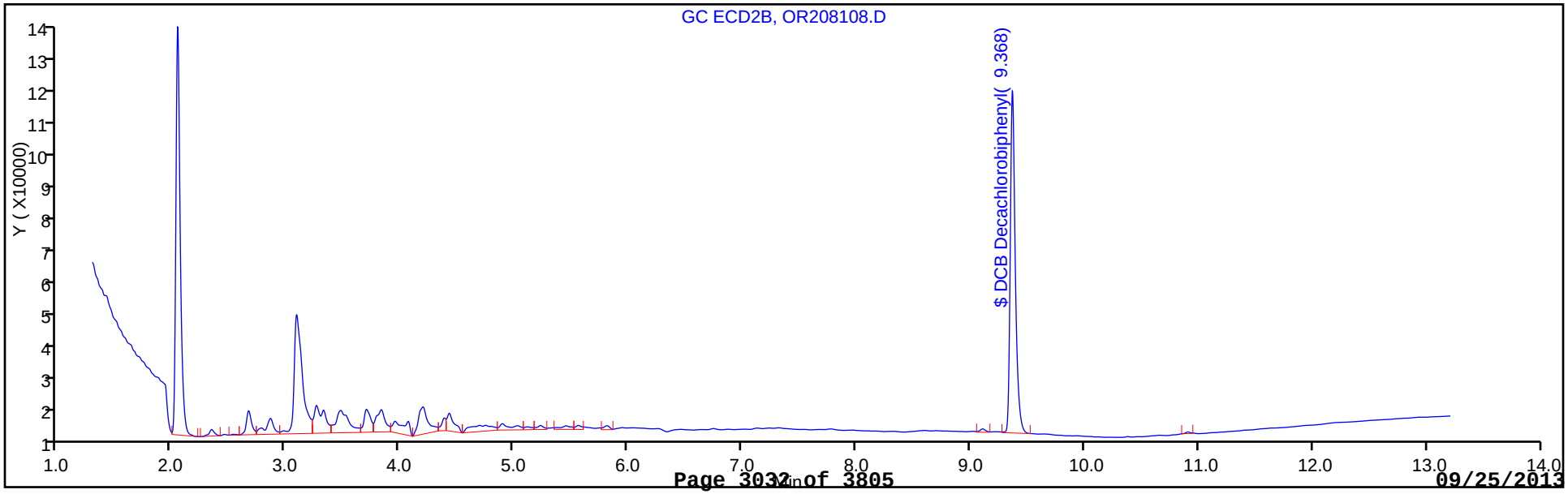
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208108.D

Injection Date:	16-Sep-2013 23:36:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-9SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-WT | Lab Sample ID: 460-62968-25

Matrix: Solid | Lab File ID: OR208108.D

Analysis Method: 8082 | Date Collected: 09/12/2013 14:05

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.02(g) | Date Analyzed: 09/16/2013 23:36

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181607 | 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	88		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208108.D		
Lims ID:	460-62968-E-25-B	Client ID:	PMP-9SE-WT
Inject. Date:	16-Sep-2013 23:36:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-059		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	59
Lims Batch ID:	181607	Lims Sample ID:	59
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:35:08	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 11:17:44

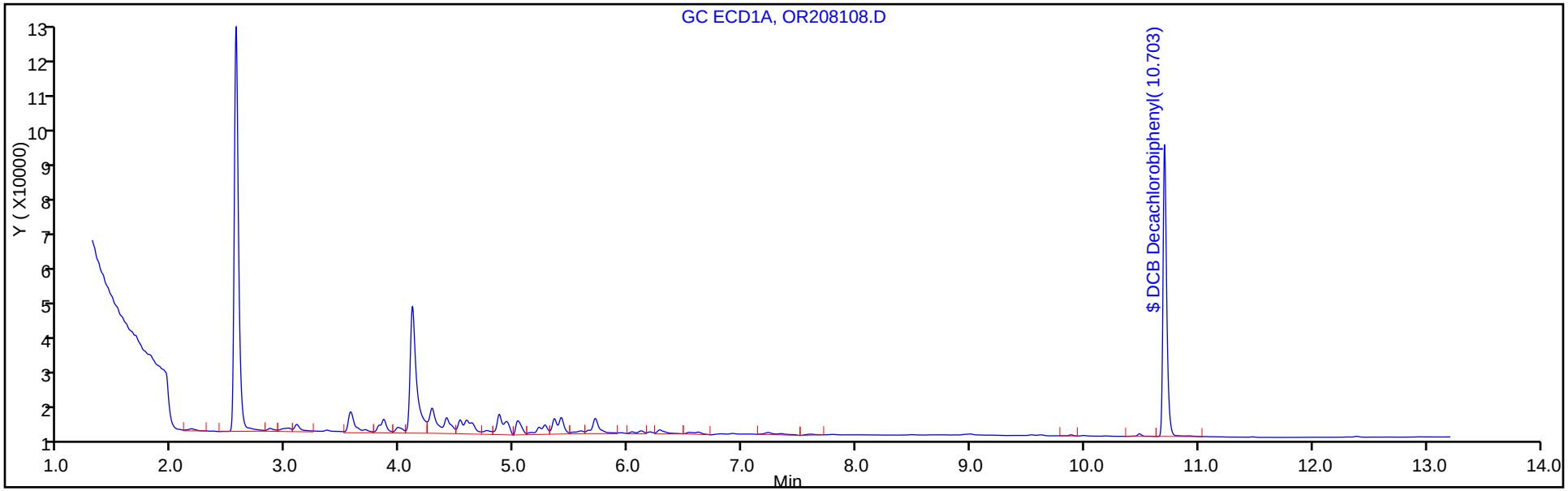
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	10.703	10.710	-0.007	179733	46.1	
2	9.368	9.377	-0.009	308526	43.8	
					RPD = 5.22	

Report Date: 17-Sep-2013 11:35:12 Chrom Revision: 2.1 25-Jul-2013 20:19:50

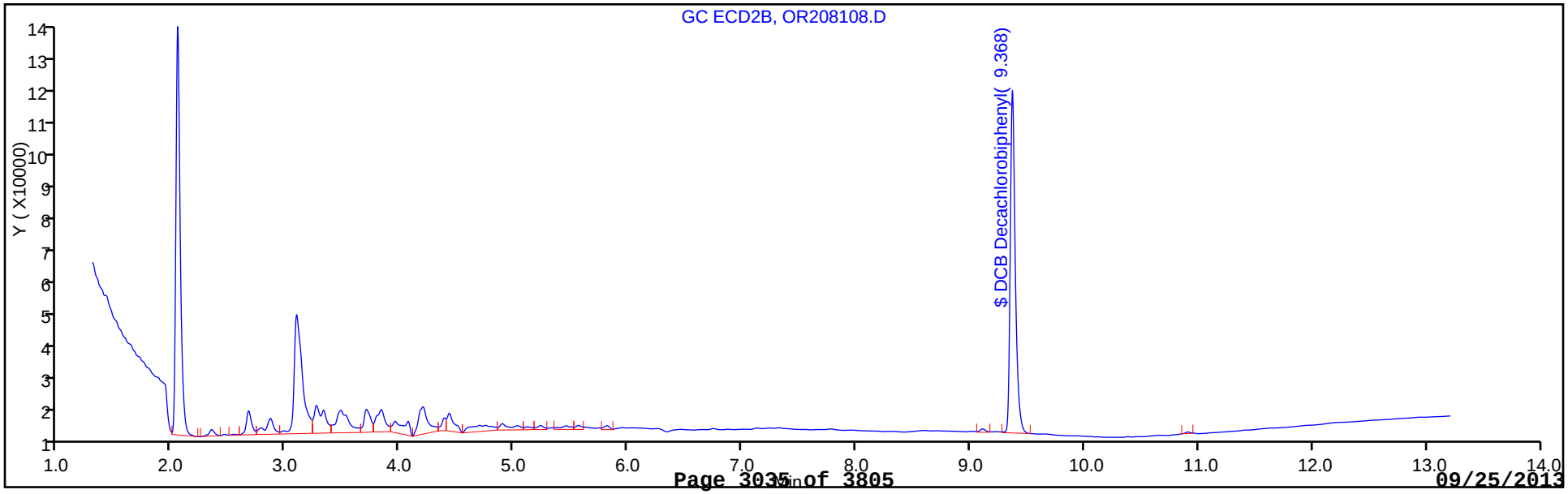
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208108.D		
Injection Date:	16-Sep-2013 23:36:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-9SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-SI | Lab Sample ID: 460-62968-26

Matrix: Solid | Lab File ID: OR208129.D

Analysis Method: 8082 | Date Collected: 09/12/2013 14:10

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.01(g) | Date Analyzed: 09/17/2013 08:58

Con. Extract Vol.: 10(mL) | Dilution Factor: 25

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	29000		1800	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\20130917-4712.b\OR208129.D		
Lims ID:	460-62968-E-26-A	Client ID:	PMP-9SE-SI
Inject. Date:	17-Sep-2013 08:58:30	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:	181716	Lims Sample ID:	3
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 13:32:32	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 09:56:17

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.103	3.088	0.015	216551	1474.2	
1	3.575	3.562	0.013	478079	1657.5	M
1	4.118	4.105	0.013	895746	1692.4	
1	4.290	4.277	0.013	386872	1716.8	
1	5.423	5.412	0.011	389978	1795.4	M
		Average of Peak Amounts =			1667.2	
2	2.343	2.343	0.0	295729	1366.5	
2	2.668	2.670	-0.002	498907	1526.4	
2	3.120	3.123	-0.003	1142680	1564.9	M
2	3.263	3.265	-0.002	437138	1634.3	
2	3.700	3.703	-0.003	483914	1609.5	
		Average of Peak Amounts =			1540.3	
				RPD =	7.91	

QC Flag Legend

Review Flags
M - Manually Integrated

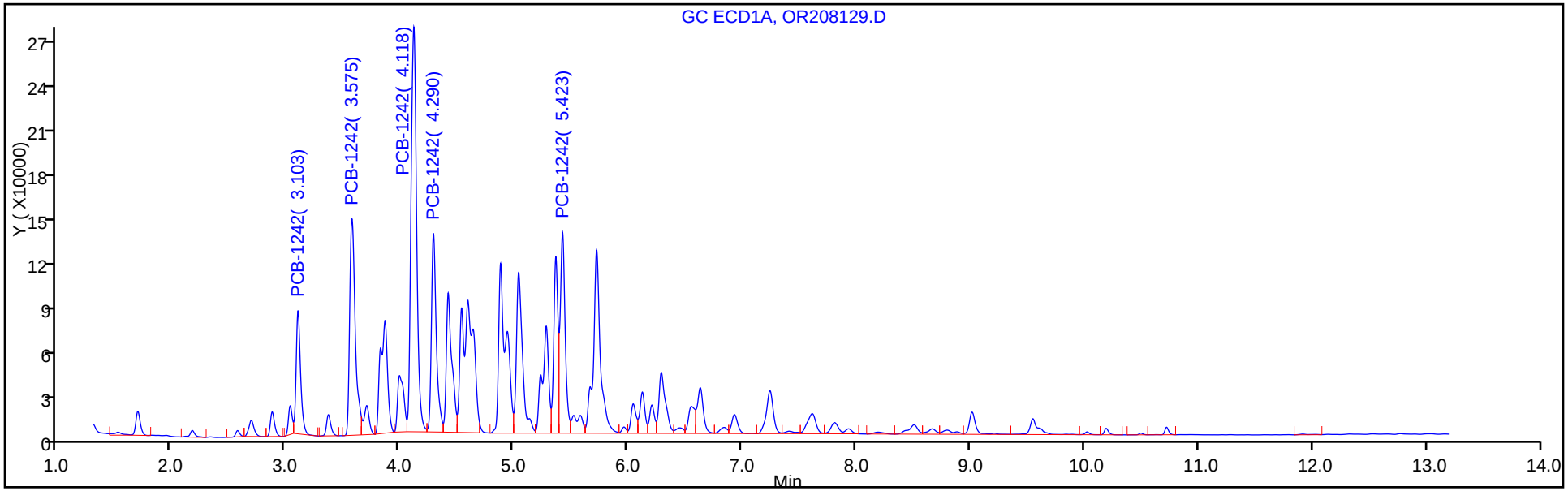
Report Date: 17-Sep-2013 13:32:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

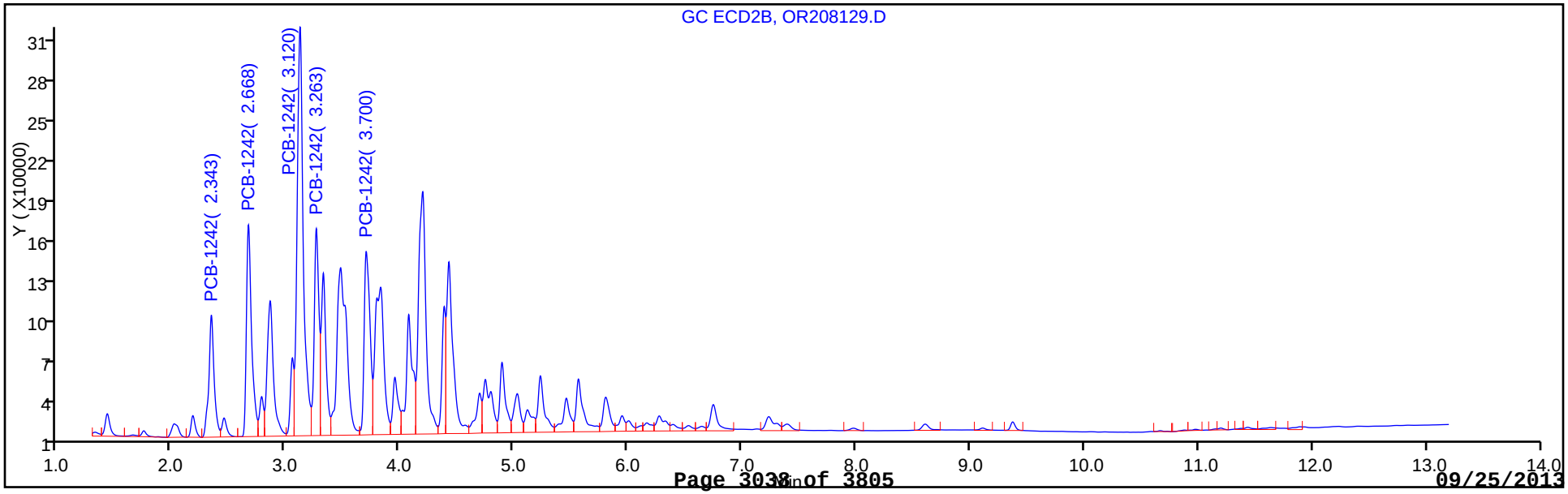
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208129.D

Injection Date:	17-Sep-2013 08:58:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-9SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



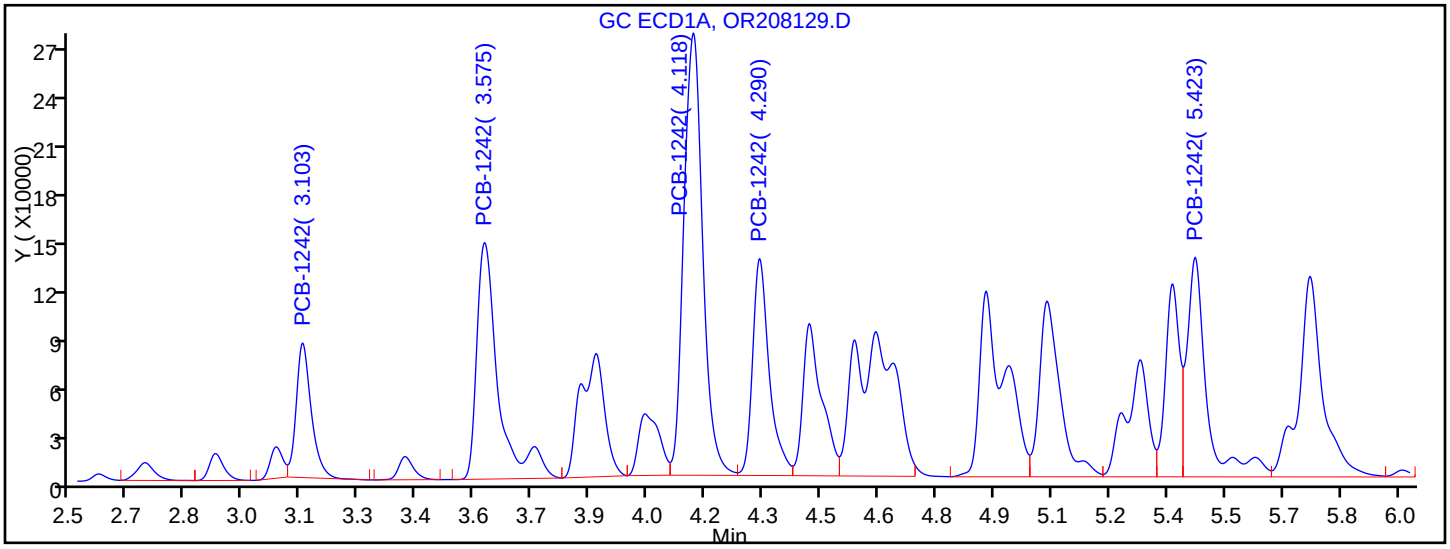
Report Date: 17-Sep-2013 13:32:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208129.D

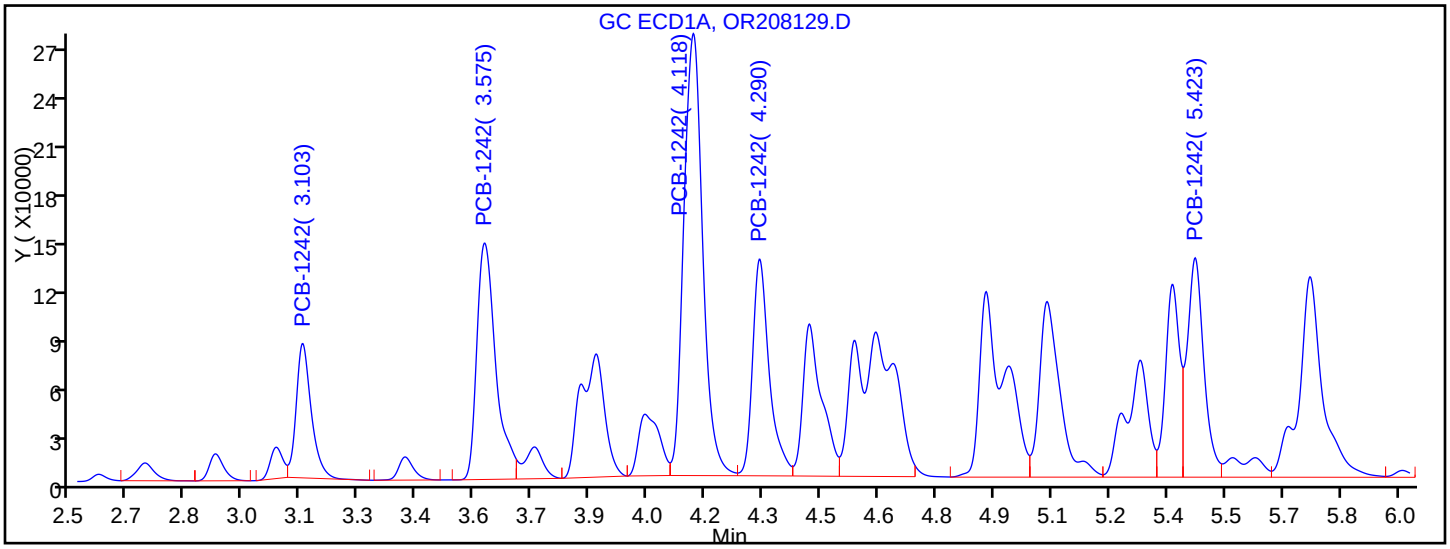
Injection Date:	17-Sep-2013 08:58:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-9SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.103	Response = 216551	
RT = 3.575	Response = 542129	M
RT = 4.118	Response = 895746	
RT = 4.290	Response = 386872	
RT = 5.423	Response = 458923	M



Manual Integration Results

RT = 3.103	Response = 216551	
RT = 3.575	Response = 478079	M
RT = 4.118	Response = 895746	
RT = 4.290	Response = 386872	
RT = 5.423	Response = 389978	M

Reviewer: patelji, 17-Sep-2013 12:10:39

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-SI Lab Sample ID: 460-62968-26

Matrix: Solid Lab File ID: OR208129.D

Analysis Method: 8082 Date Collected: 09/12/2013 14:10

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.01(g) Date Analyzed: 09/17/2013 08:58

Con. Extract Vol.: 10(mL) Dilution Factor: 25

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	400	U	1800	400
11104-28-2	Aroclor 1221	400	U	1800	400
11141-16-5	Aroclor 1232	400	U	1800	400
12672-29-6	Aroclor 1248	400	U	1800	400
11097-69-1	Aroclor 1254	500	U	1800	500
11096-82-5	Aroclor 1260	500	U	1800	500
37324-23-5	Aroclor 1262	500	U	1800	500
11100-14-4	Aroclor 1268	500	U	1800	500

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\20130917-4712.b\OR208129.D		
Lims ID:	460-62968-E-26-A	Client ID:	PMP-9SE-SI
Inject. Date:	17-Sep-2013 08:58:30	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:	181716	Lims Sample ID:	3
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 13:32:32	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 09:56:17

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.103	3.088	0.015	216551	1474.2	
1	3.575	3.562	0.013	478079	1657.5	M
1	4.118	4.105	0.013	895746	1692.4	
1	4.290	4.277	0.013	386872	1716.8	
1	5.423	5.412	0.011	389978	1795.4	M
		Average of Peak Amounts =			1667.2	
2	2.343	2.343	0.0	295729	1366.5	
2	2.668	2.670	-0.002	498907	1526.4	
2	3.120	3.123	-0.003	1142680	1564.9	M
2	3.263	3.265	-0.002	437138	1634.3	
2	3.700	3.703	-0.003	483914	1609.5	
		Average of Peak Amounts =			1540.3	
				RPD =	7.91	

QC Flag Legend

Review Flags
M - Manually Integrated

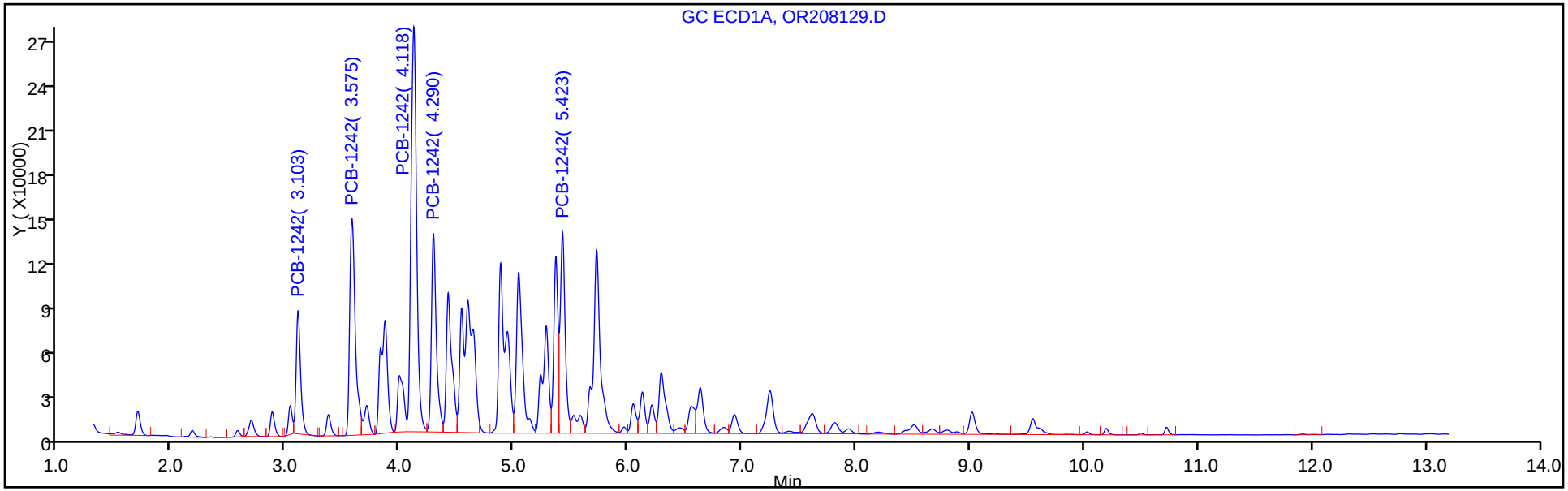
Report Date: 17-Sep-2013 13:32:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

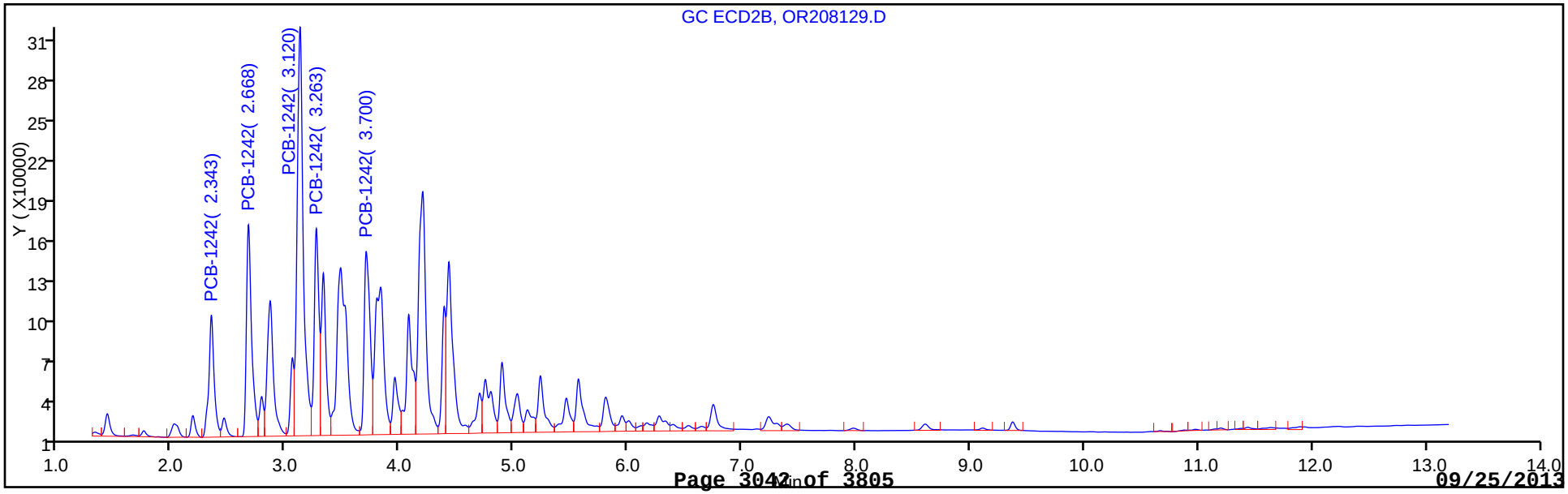
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208129.D

Injection Date:	17-Sep-2013 08:58:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-9SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



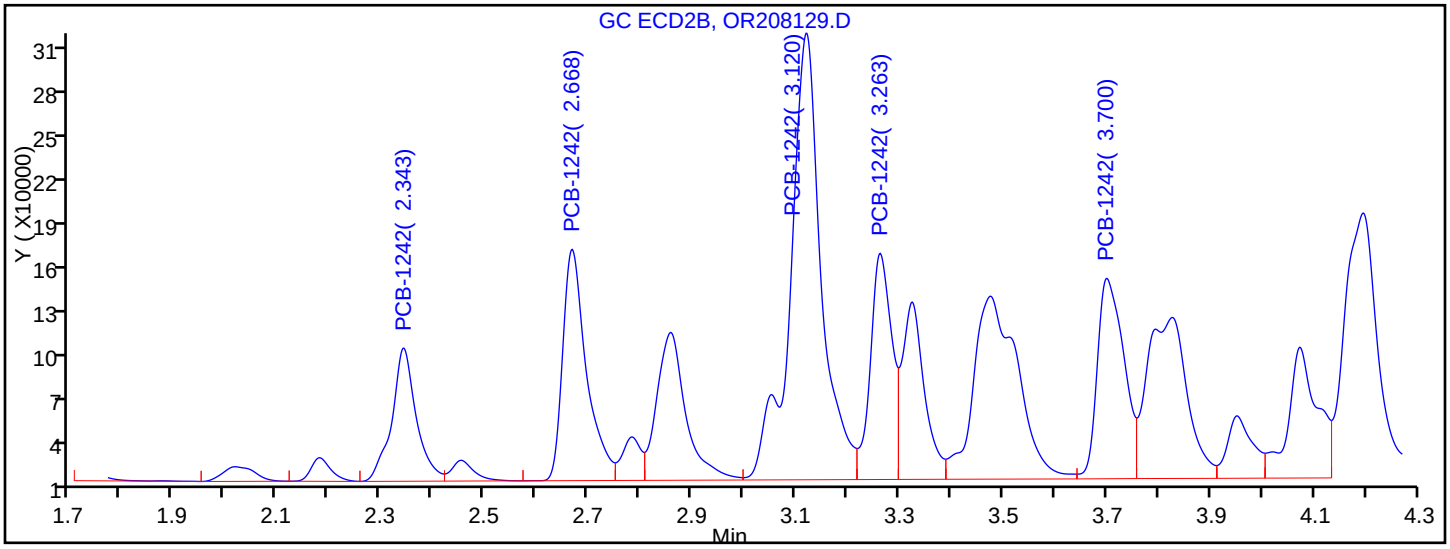
Report Date: 17-Sep-2013 13:32:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208129.D

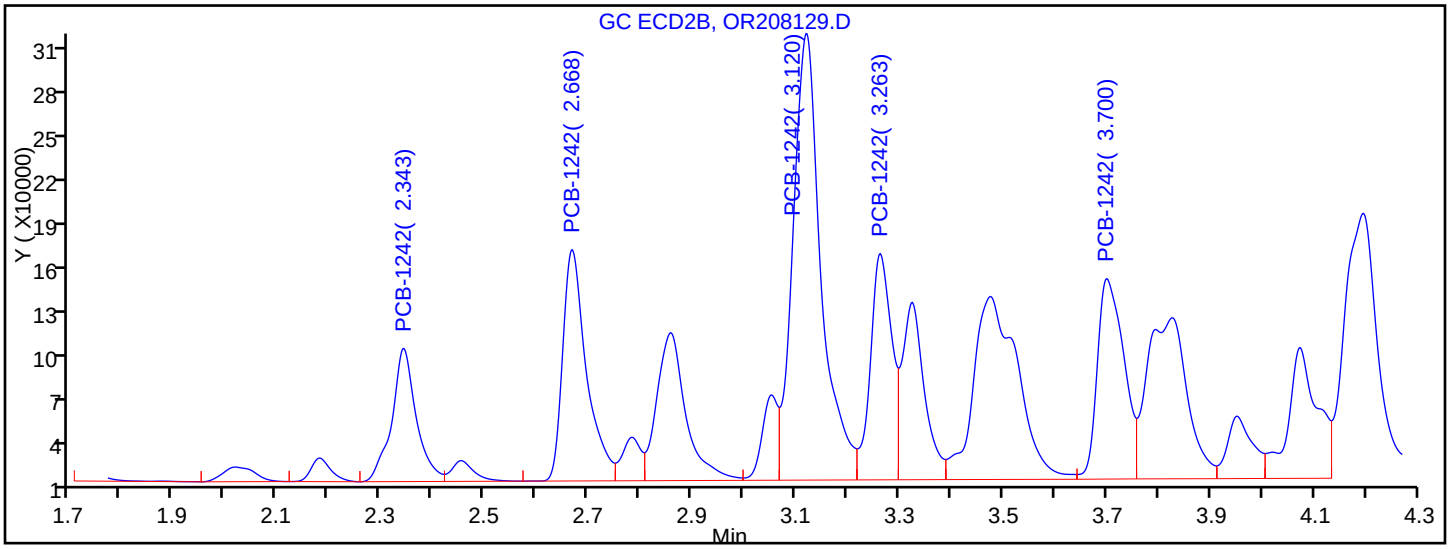
Injection Date:	17-Sep-2013 08:58:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-9SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.343	Response = 295729	
RT = 2.668	Response = 498907	
RT = 3.120	Response = 1263143	M
RT = 3.263	Response = 437138	
RT = 3.700	Response = 483914	



Manual Integration Results

RT = 2.343	Response = 295729	
RT = 2.668	Response = 498907	
RT = 3.120	Response = 1142680	M
RT = 3.263	Response = 437138	
RT = 3.700	Response = 483914	

Reviewer: patelji, 17-Sep-2013 12:10:39

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VS | Lab Sample ID: 460-62968-27

Matrix: Solid | Lab File ID: OR208130.D

Analysis Method: 8082 | Date Collected: 09/12/2013 15:15

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.05(g) | Date Analyzed: 09/17/2013 09:14

Con. Extract Vol.: 10(mL) | Dilution Factor: 500

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	300000		36000	8000

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\20130917-4712.b\OR208130.D		
Lims ID:	460-62968-E-27-A	Client ID:	PMP-24SE-VS
Inject. Date:	17-Sep-2013 09:14:30	Dil. Factor:	500.0000
Sample Type:	Client		
Sample ID:	460-0004712-004		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	181716	Lims Sample ID:	4
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 13:32:32	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 12:11:05

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.092	3.088	0.004	129191	879.5	M
1	3.563	3.562	0.001	246749	855.5	M
1	4.107	4.105	0.002	442610	836.2	M
1	4.278	4.277	0.001	197130	874.8	M
1	5.412	5.412	0.0	173164	797.2	M
		Average of Peak Amounts =			848.6	
2	2.345	2.343	0.002	184710	853.5	M
2	2.670	2.670	0.0	283596	867.7	
2	3.123	3.123	0.0	589197	806.9	
2	3.265	3.265	0.0	230041	860.1	
2	3.702	3.703	-0.001	241424	803.0	
		Average of Peak Amounts =			838.2	
				RPD =	1.23	

QC Flag Legend

Review Flags
M - Manually Integrated

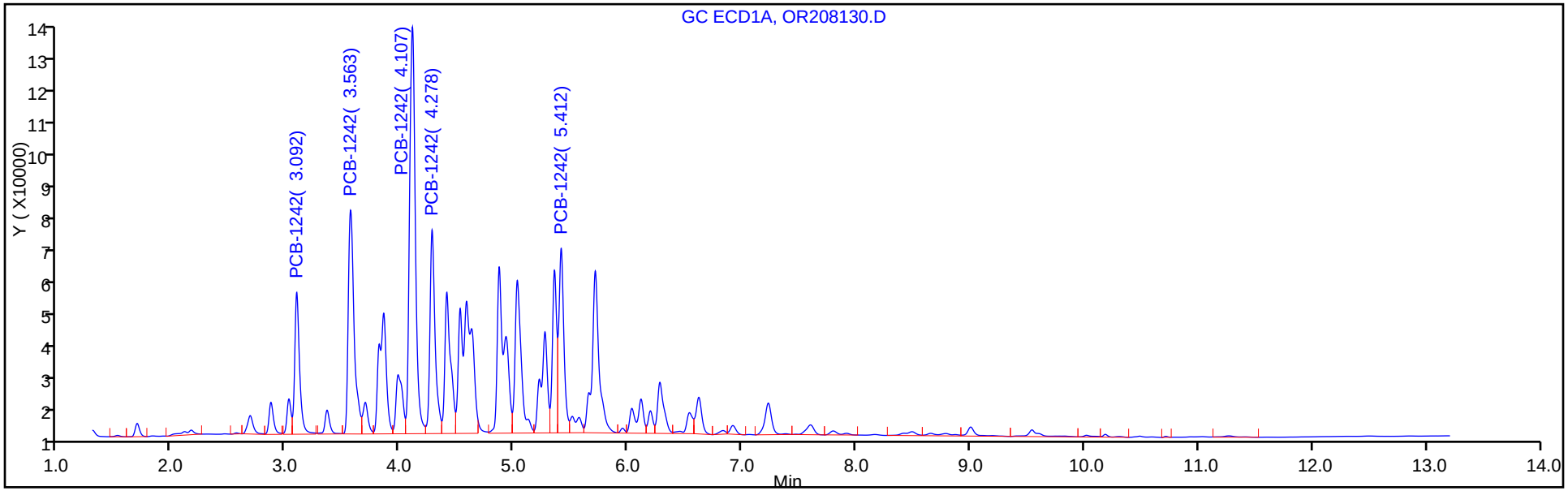
Report Date: 17-Sep-2013 13:32:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

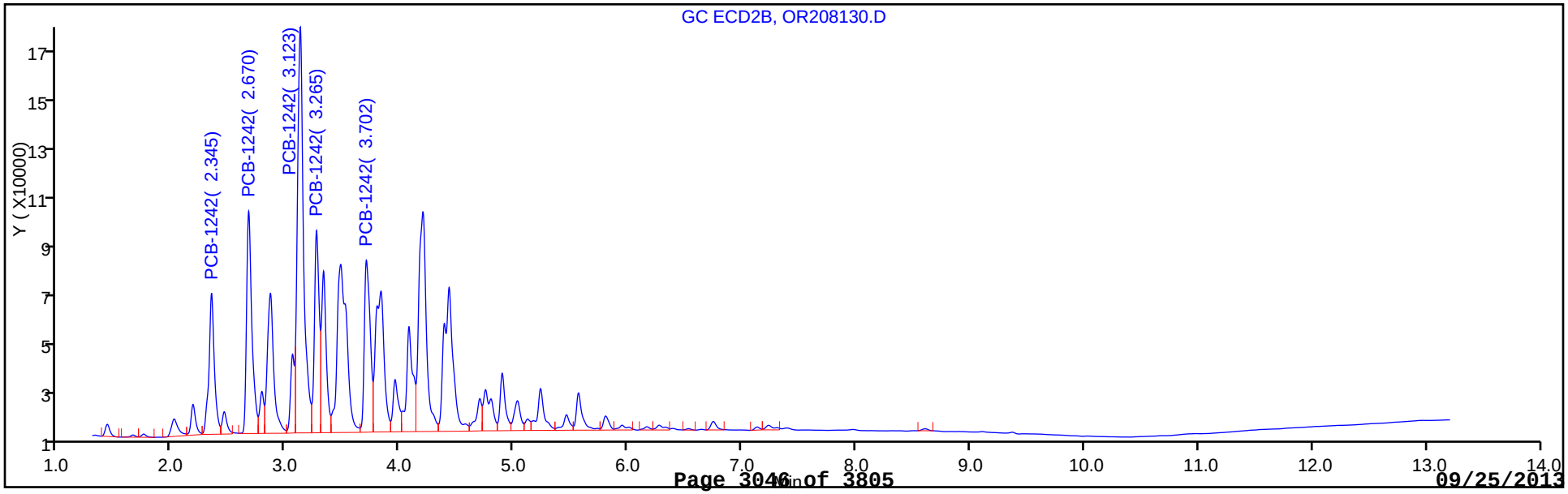
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208130.D

Injection Date:	17-Sep-2013 09:14:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-24SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



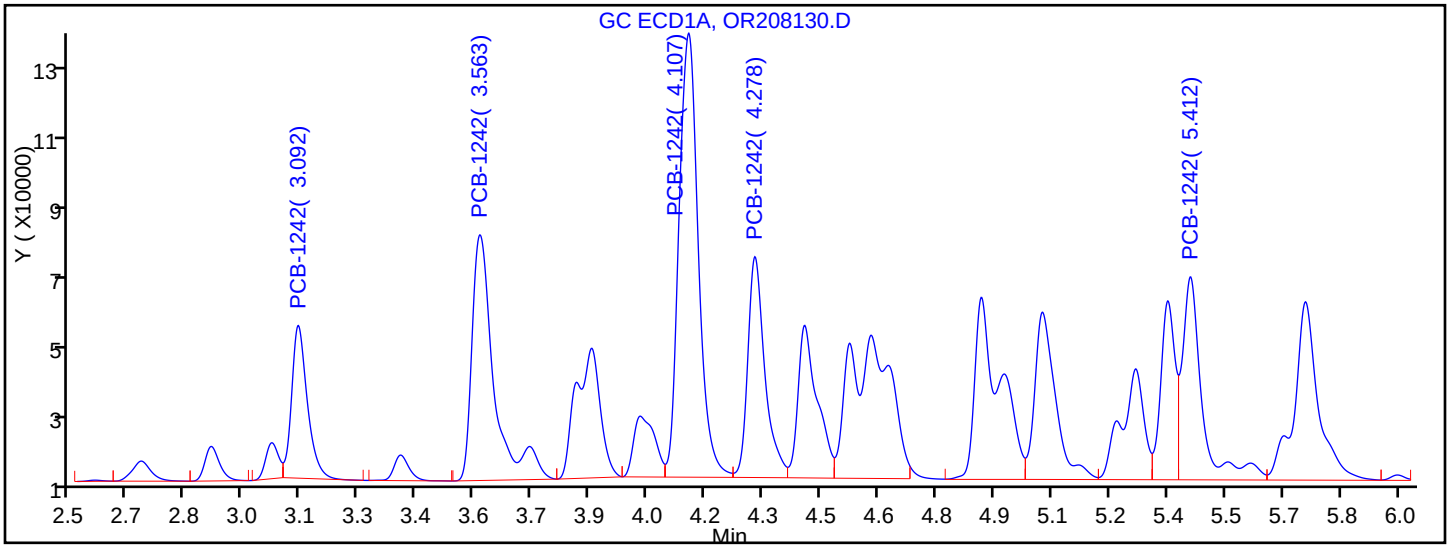
Report Date: 17-Sep-2013 13:32:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208130.D

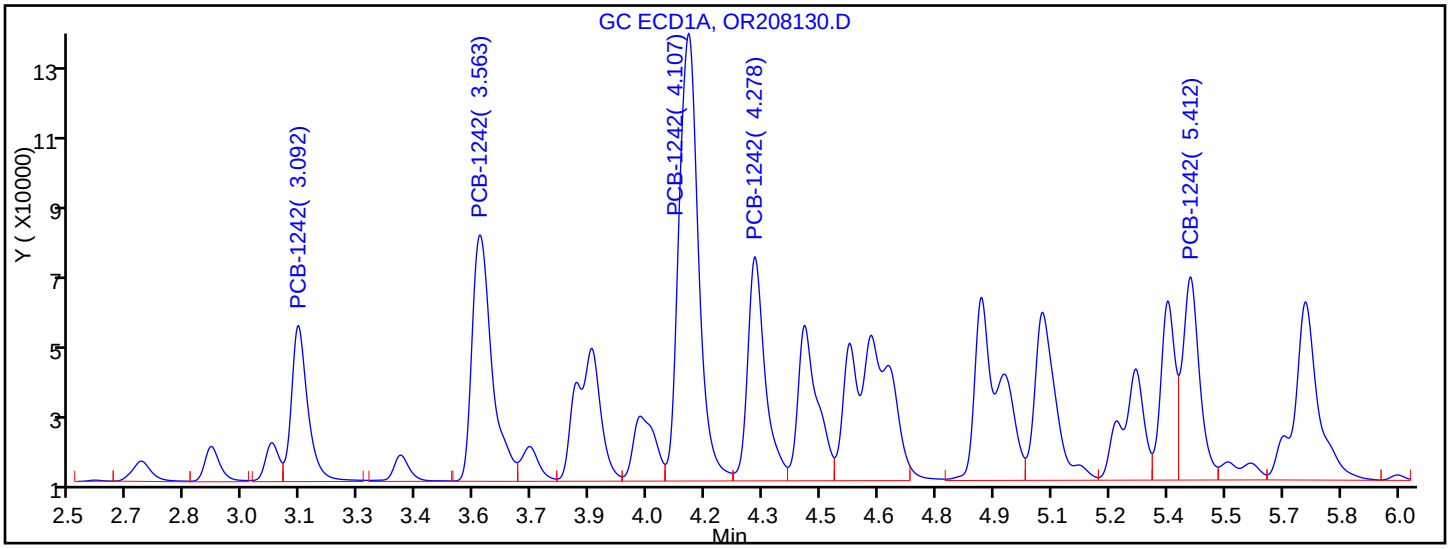
Injection Date:	17-Sep-2013 09:14:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-24SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.092	Response = 120416	M
RT = 3.563	Response = 271768	M
RT = 4.107	Response = 431501	M
RT = 4.278	Response = 189272	M
RT = 5.412	Response = 201065	M



Manual Integration Results

RT = 3.092	Response = 129191	M
RT = 3.563	Response = 246749	M
RT = 4.107	Response = 442610	M
RT = 4.278	Response = 197130	M
RT = 5.412	Response = 173164	M

Reviewer: patelji, 17-Sep-2013 12:11:05

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VS Lab Sample ID: 460-62968-27

Matrix: Solid Lab File ID: OR208130.D

Analysis Method: 8082 Date Collected: 09/12/2013 15:15

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.05(g) Date Analyzed: 09/17/2013 09:14

Con. Extract Vol.: 10(mL) Dilution Factor: 500

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	8000	U	36000	8000
11104-28-2	Aroclor 1221	8000	U	36000	8000
11141-16-5	Aroclor 1232	8000	U	36000	8000
12672-29-6	Aroclor 1248	8000	U	36000	8000
11097-69-1	Aroclor 1254	10000	U	36000	10000
11096-82-5	Aroclor 1260	10000	U	36000	10000
37324-23-5	Aroclor 1262	10000	U	36000	10000
11100-14-4	Aroclor 1268	10000	U	36000	10000

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\20130917-4712.b\OR208130.D		
Lims ID:	460-62968-E-27-A	Client ID:	PMP-24SE-VS
Inject. Date:	17-Sep-2013 09:14:30	Dil. Factor:	500.0000
Sample Type:	Client		
Sample ID:	460-0004712-004		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	181716	Lims Sample ID:	4
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 13:32:32	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 12:11:05

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.092	3.088	0.004	129191	879.5	M
1	3.563	3.562	0.001	246749	855.5	M
1	4.107	4.105	0.002	442610	836.2	M
1	4.278	4.277	0.001	197130	874.8	M
1	5.412	5.412	0.0	173164	797.2	M
		Average of Peak Amounts =			848.6	
2	2.345	2.343	0.002	184710	853.5	M
2	2.670	2.670	0.0	283596	867.7	
2	3.123	3.123	0.0	589197	806.9	
2	3.265	3.265	0.0	230041	860.1	
2	3.702	3.703	-0.001	241424	803.0	
		Average of Peak Amounts =			838.2	
				RPD =	1.23	

QC Flag Legend

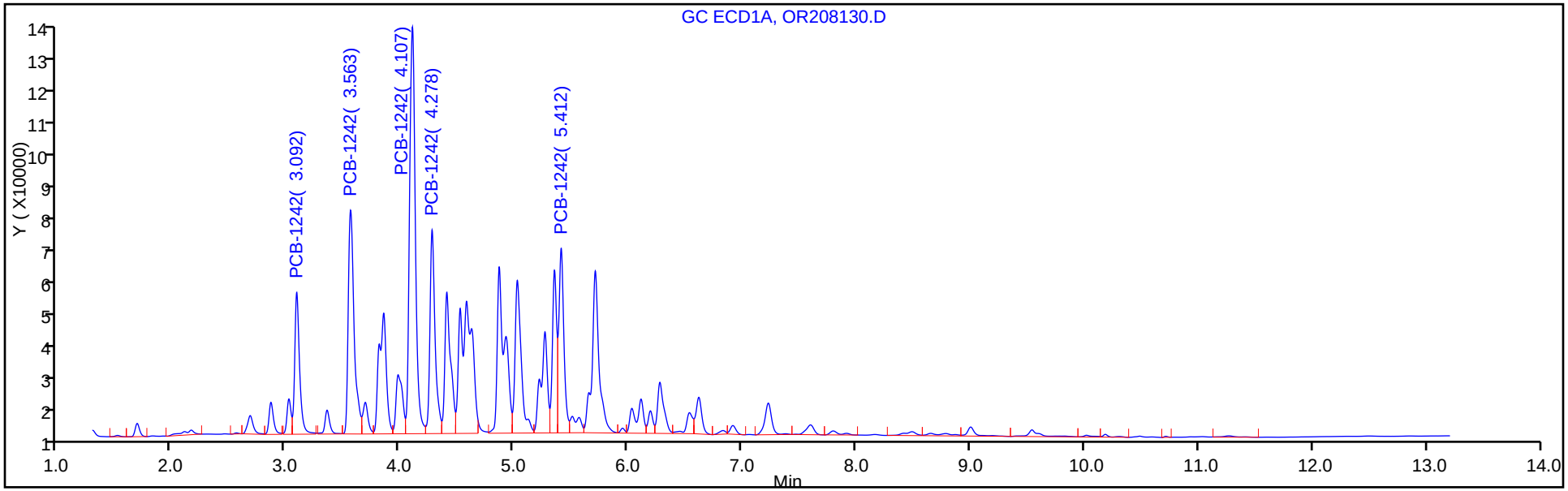
Review Flags
M - Manually Integrated

Report Date: 17-Sep-2013 13:32:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

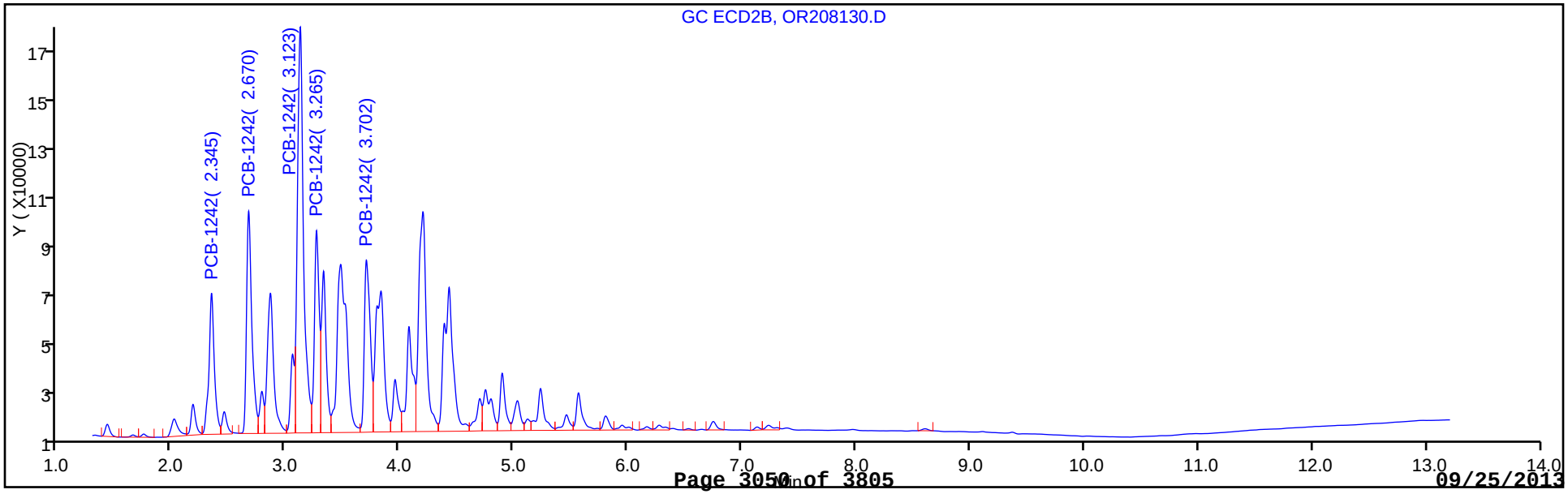
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208130.D		
Injection Date:	17-Sep-2013 09:14:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-24SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



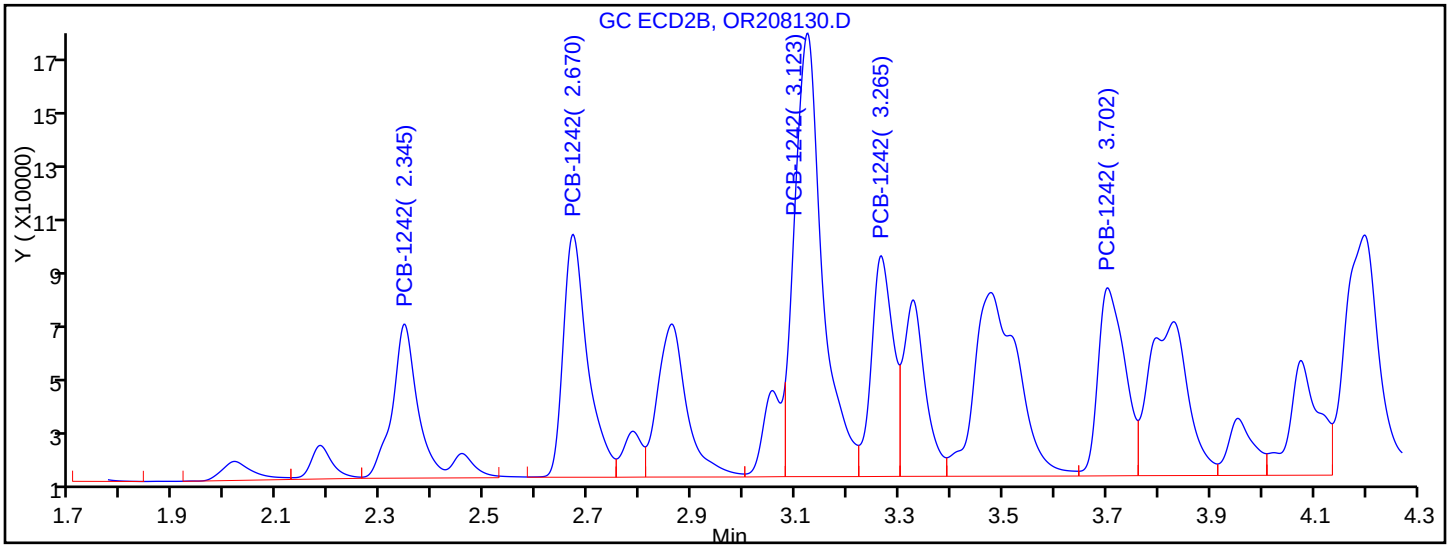
Report Date: 17-Sep-2013 13:32:37 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208130.D

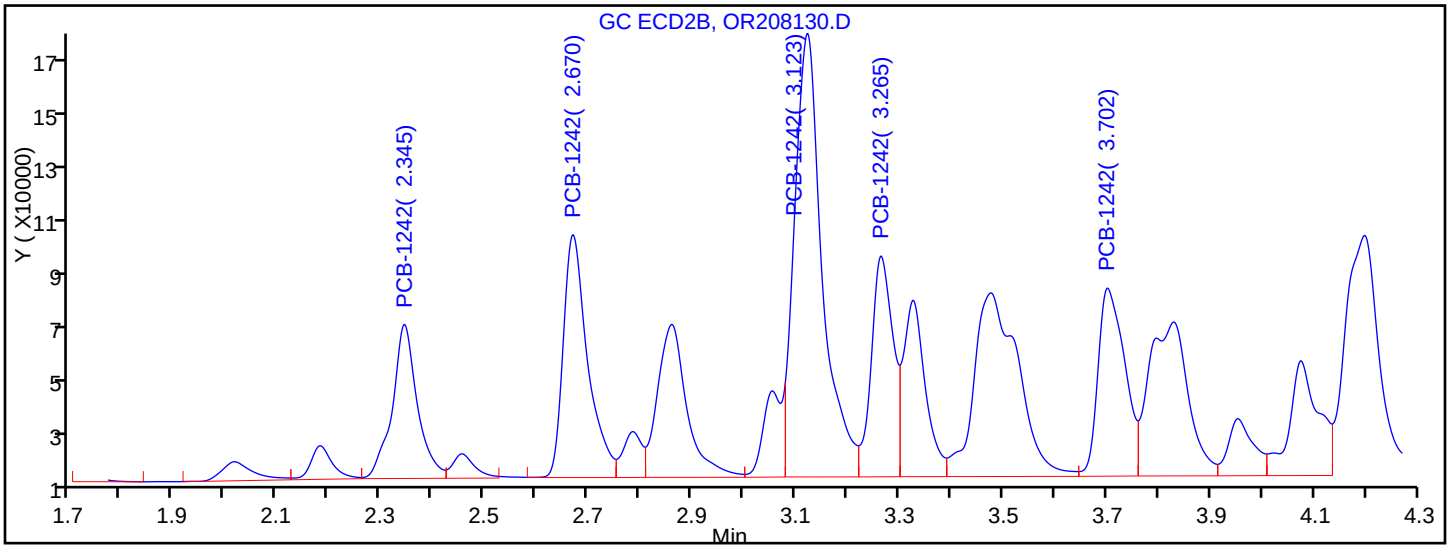
Injection Date:	17-Sep-2013 09:14:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-24SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.345	Response = 210219	M
RT = 2.670	Response = 283596	
RT = 3.123	Response = 589197	
RT = 3.265	Response = 230041	
RT = 3.702	Response = 241424	



Manual Integration Results

RT = 2.345	Response = 184710	M
RT = 2.670	Response = 283596	
RT = 3.123	Response = 589197	
RT = 3.265	Response = 230041	
RT = 3.702	Response = 241424	

Reviewer: patelji, 17-Sep-2013 12:11:05

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VD Lab Sample ID: 460-62968-28

Matrix: Solid Lab File ID: OR208131.D

Analysis Method: 8082 Date Collected: 09/12/2013 15:30

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.03(g) Date Analyzed: 09/17/2013 09:31

Con. Extract Vol.: 10(mL) Dilution Factor: 1000

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	890000		75000	17000

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\20130917-4712.b\OR208131.D		
Lims ID:	460-62968-E-28-A	Client ID:	PMP-24SE-VD
Inject. Date:	17-Sep-2013 09:31:30	Dil. Factor:	1000.0000
Sample Type:	Client		
Sample ID:	460-0004712-005		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	181716	Lims Sample ID:	5
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 13:32:32	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 12:11:42

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.090	3.088	0.002	174939	1190.9	M
1	3.563	3.562	0.001	343273	1190.1	M
1	4.105	4.105	0.0	636677	1202.9	M
1	4.278	4.277	0.001	282722	1254.6	M
1	5.410	5.412	-0.002	254965	1173.8	M
		Average of Peak Amounts =			1202.5	
2	2.343	2.343	0.0	249638	1153.5	M
2	2.670	2.670	0.0	379671	1161.6	
2	3.123	3.123	0.0	842076	1153.2	M
2	3.265	3.265	0.0	321034	1200.3	M
2	3.703	3.703	0.0	322398	1072.3	
		Average of Peak Amounts =			1148.2	
					RPD = 4.62	

QC Flag Legend

Review Flags
M - Manually Integrated

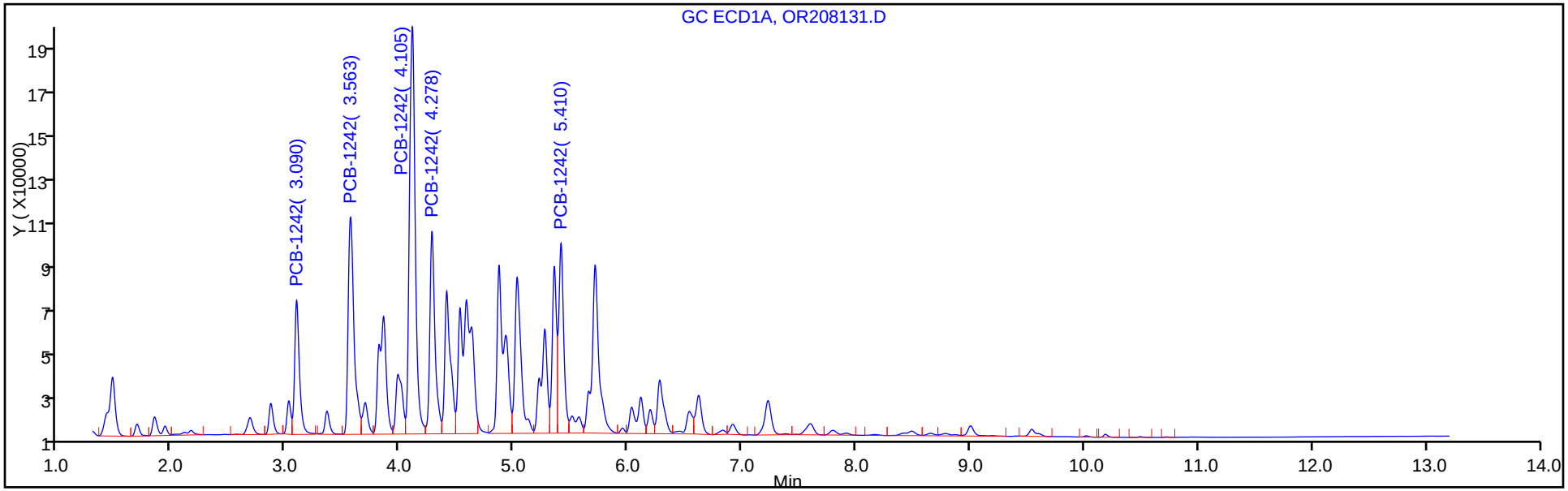
Report Date: 17-Sep-2013 13:32:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

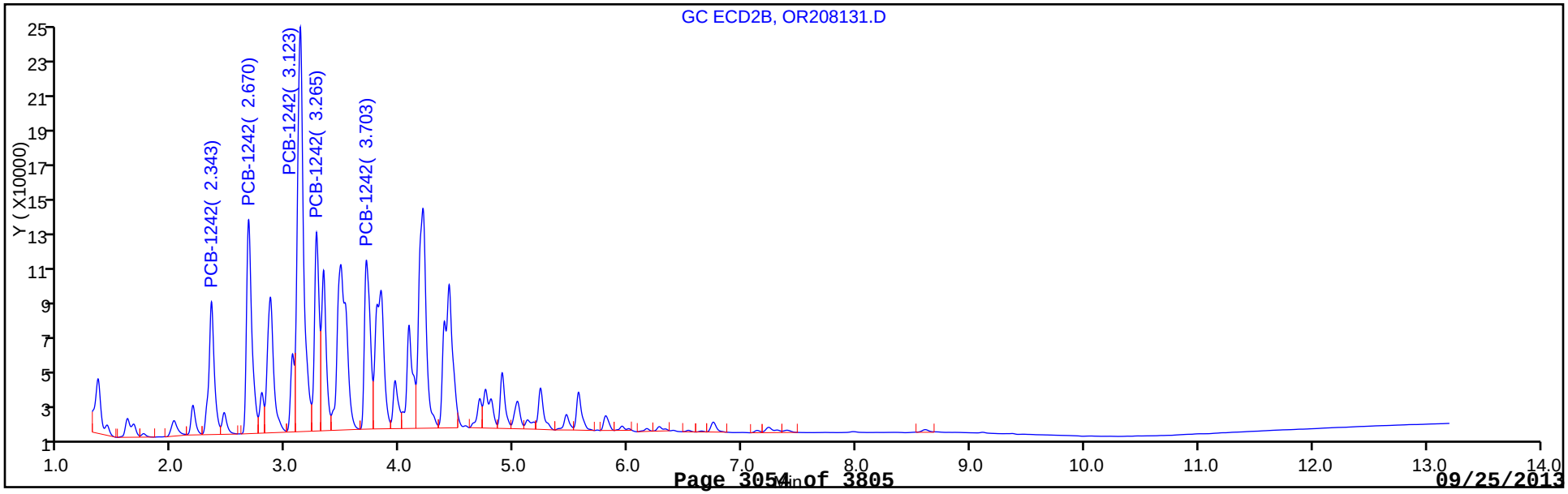
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208131.D

Injection Date:	17-Sep-2013 09:31:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-24SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



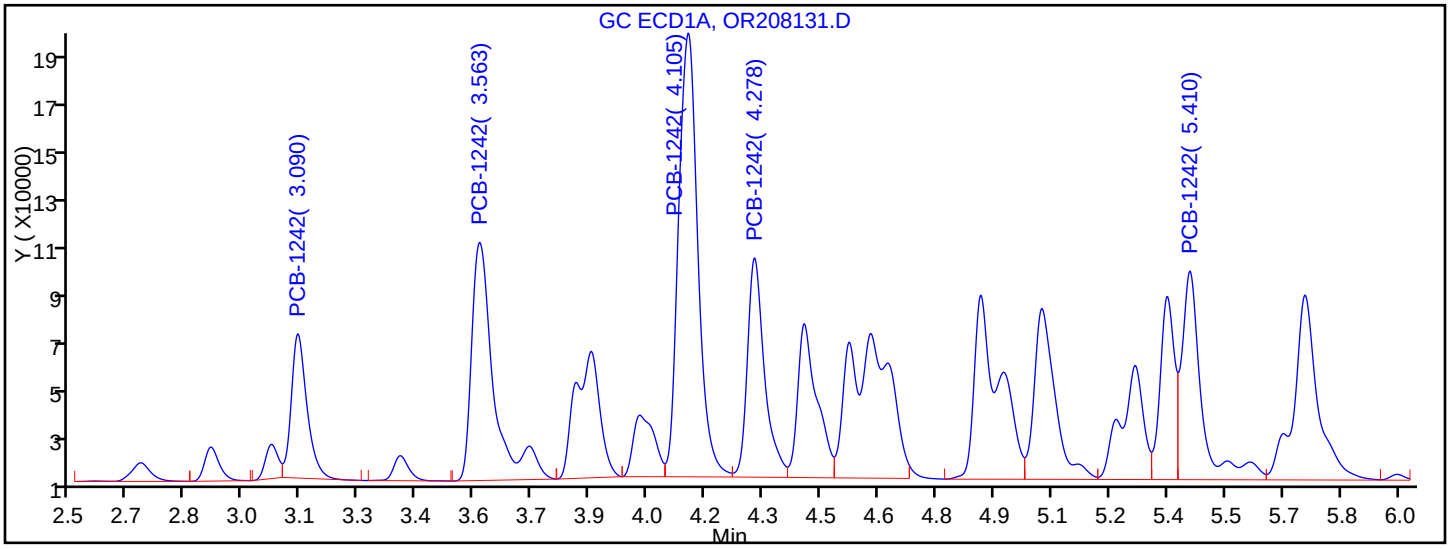
Report Date: 17-Sep-2013 13:32:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208131.D

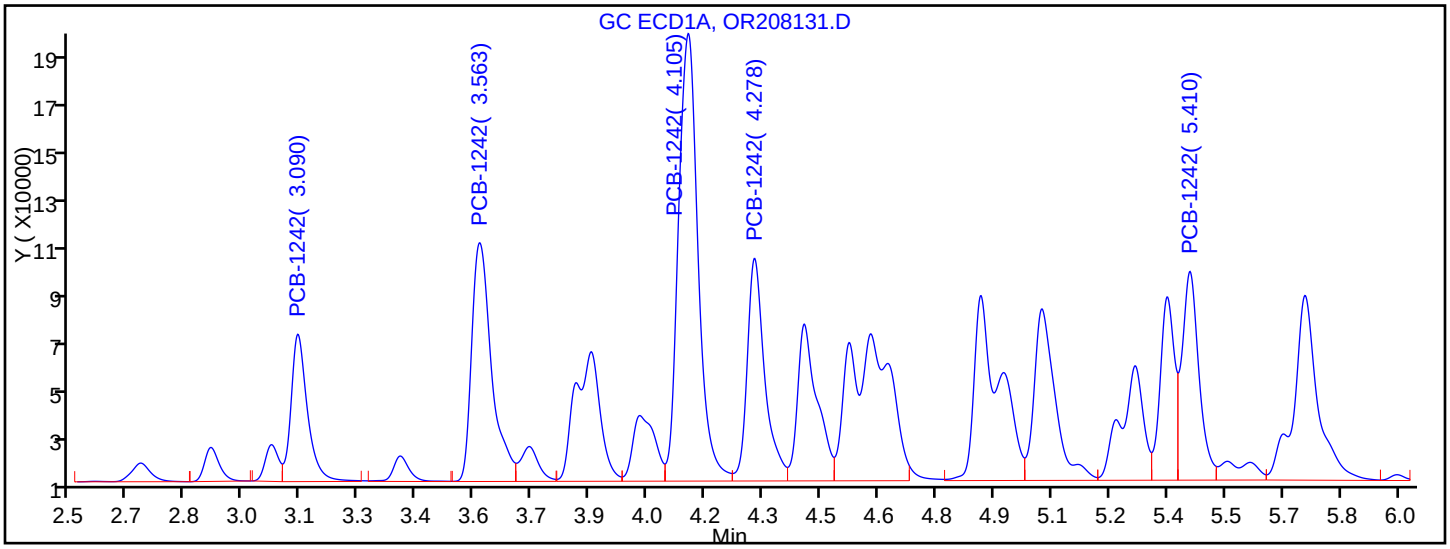
Injection Date:	17-Sep-2013 09:31:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-24SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.090	Response = 163992	M
RT = 3.563	Response = 381588	M
RT = 4.105	Response = 620413	M
RT = 4.278	Response = 270992	M
RT = 5.410	Response = 298705	M



Manual Integration Results

RT = 3.090	Response = 174939	M
RT = 3.563	Response = 343273	M
RT = 4.105	Response = 636677	M
RT = 4.278	Response = 282722	M
RT = 5.410	Response = 254965	M

Reviewer: patelji, 17-Sep-2013 12:11:42

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VD Lab Sample ID: 460-62968-28

Matrix: Solid Lab File ID: OR208131.D

Analysis Method: 8082 Date Collected: 09/12/2013 15:30

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.03(g) Date Analyzed: 09/17/2013 09:31

Con. Extract Vol.: 10(mL) Dilution Factor: 1000

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17000	U	75000	17000
11104-28-2	Aroclor 1221	17000	U	75000	17000
11141-16-5	Aroclor 1232	17000	U	75000	17000
12672-29-6	Aroclor 1248	17000	U	75000	17000
11097-69-1	Aroclor 1254	21000	U	75000	21000
11096-82-5	Aroclor 1260	21000	U	75000	21000
37324-23-5	Aroclor 1262	21000	U	75000	21000
11100-14-4	Aroclor 1268	21000	U	75000	21000

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\20130917-4712.b\OR208131.D		
Lims ID:	460-62968-E-28-A	Client ID:	PMP-24SE-VD
Inject. Date:	17-Sep-2013 09:31:30	Dil. Factor:	1000.0000
Sample Type:	Client		
Sample ID:	460-0004712-005		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	181716	Lims Sample ID:	5
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 13:32:32	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 12:11:42

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.090	3.088	0.002	174939	1190.9	M
1	3.563	3.562	0.001	343273	1190.1	M
1	4.105	4.105	0.0	636677	1202.9	M
1	4.278	4.277	0.001	282722	1254.6	M
1	5.410	5.412	-0.002	254965	1173.8	M
		Average of Peak Amounts =			1202.5	
2	2.343	2.343	0.0	249638	1153.5	M
2	2.670	2.670	0.0	379671	1161.6	
2	3.123	3.123	0.0	842076	1153.2	M
2	3.265	3.265	0.0	321034	1200.3	M
2	3.703	3.703	0.0	322398	1072.3	
		Average of Peak Amounts =			1148.2	
				RPD =	4.62	

QC Flag Legend

Review Flags
M - Manually Integrated

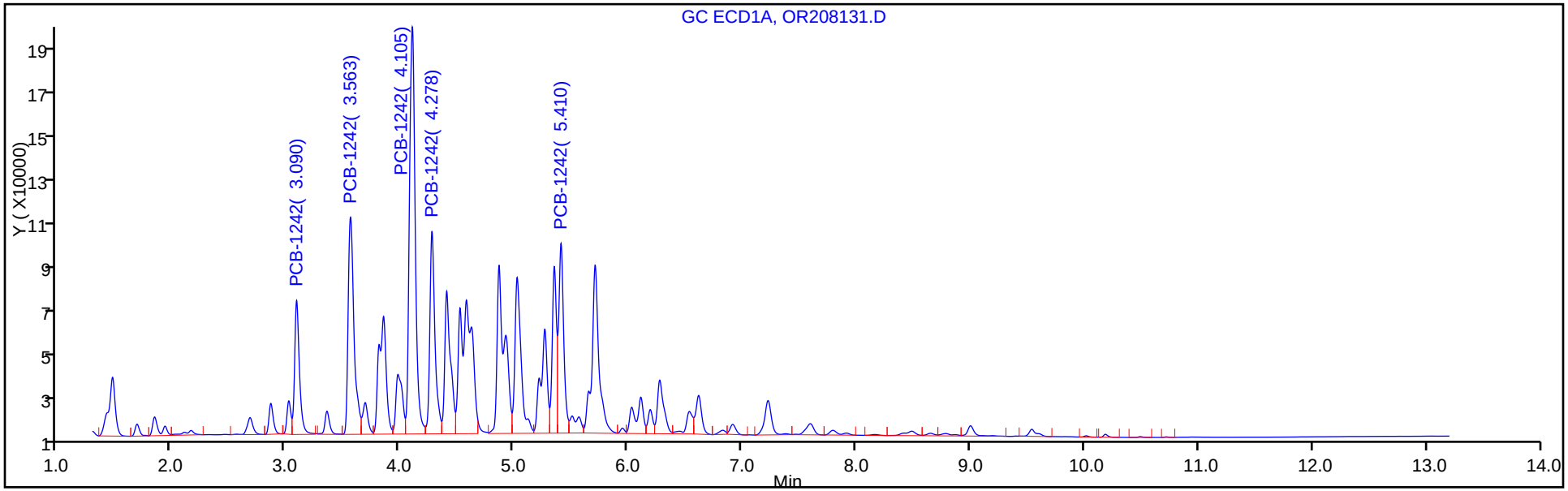
Report Date: 17-Sep-2013 13:32:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

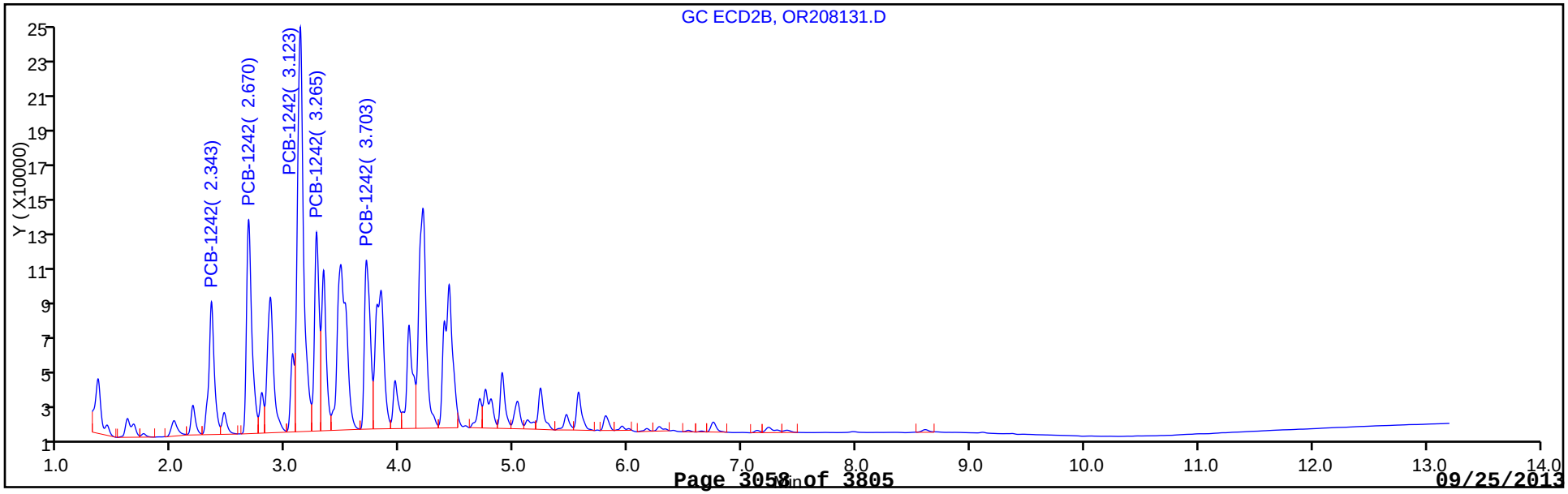
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208131.D

Injection Date:	17-Sep-2013 09:31:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-24SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



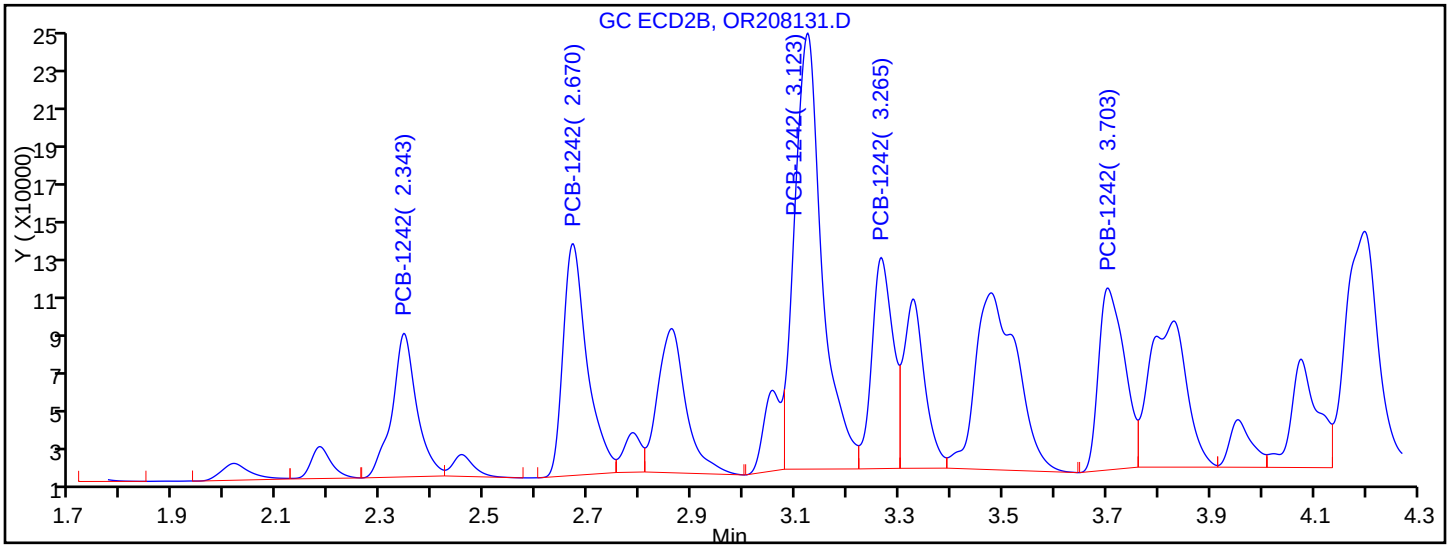
Report Date: 17-Sep-2013 13:32:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208131.D

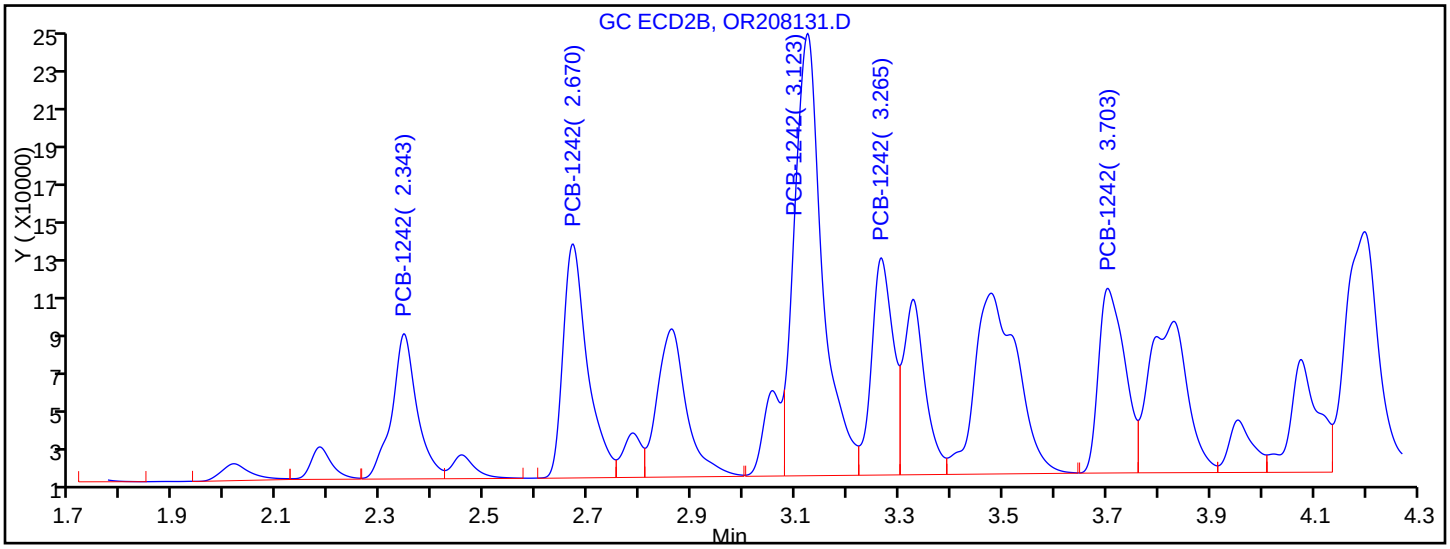
Injection Date:	17-Sep-2013 09:31:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-24SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.343	Response = 241382	M
RT = 2.670	Response = 379671	
RT = 3.123	Response = 814938	M
RT = 3.265	Response = 306133	M
RT = 3.703	Response = 322398	



Manual Integration Results

RT = 2.343	Response = 249638	M
RT = 2.670	Response = 379671	
RT = 3.123	Response = 842076	M
RT = 3.265	Response = 321034	M
RT = 3.703	Response = 322398	

Reviewer: patelji, 17-Sep-2013 12:11:42

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-WT | Lab Sample ID: 460-62968-29

Matrix: Solid | Lab File ID: OR208132.D

Analysis Method: 8082 | Date Collected: 09/12/2013 15:25

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.00(g) | Date Analyzed: 09/17/2013 09:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 1000

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	1300000		71000	16000

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\20130917-4712.b\OR208132.D		
Lims ID:	460-62968-E-29-A	Client ID:	PMP-24SE-WT
Inject. Date:	17-Sep-2013 09:48:30	Dil. Factor:	1000.0000
Sample Type:	Client		
Sample ID:	460-0004712-006		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	181716	Lims Sample ID:	6
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 13:32:32	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 12:12:11

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.090	3.088	0.002	274263	1867.1	M
1	3.563	3.562	0.001	536897	1861.4	M
1	4.105	4.105	0.0	1014457	1916.7	M
1	4.277	4.277	0.0	446035	1979.3	M
1	5.410	5.412	-0.002	412240	1897.8	M
		Average of Peak Amounts =			1904.5	
2	2.343	2.343	0.0	381523	1763.0	M
2	2.668	2.670	-0.002	595373	1821.5	M
2	3.123	3.123	0.0	1358163	1860.0	M
2	3.265	3.265	0.0	499466	1867.4	M
2	3.702	3.703	-0.001	524982	1746.1	M
		Average of Peak Amounts =			1811.6	
				RPD =	5.00	

QC Flag Legend

Review Flags
M - Manually Integrated

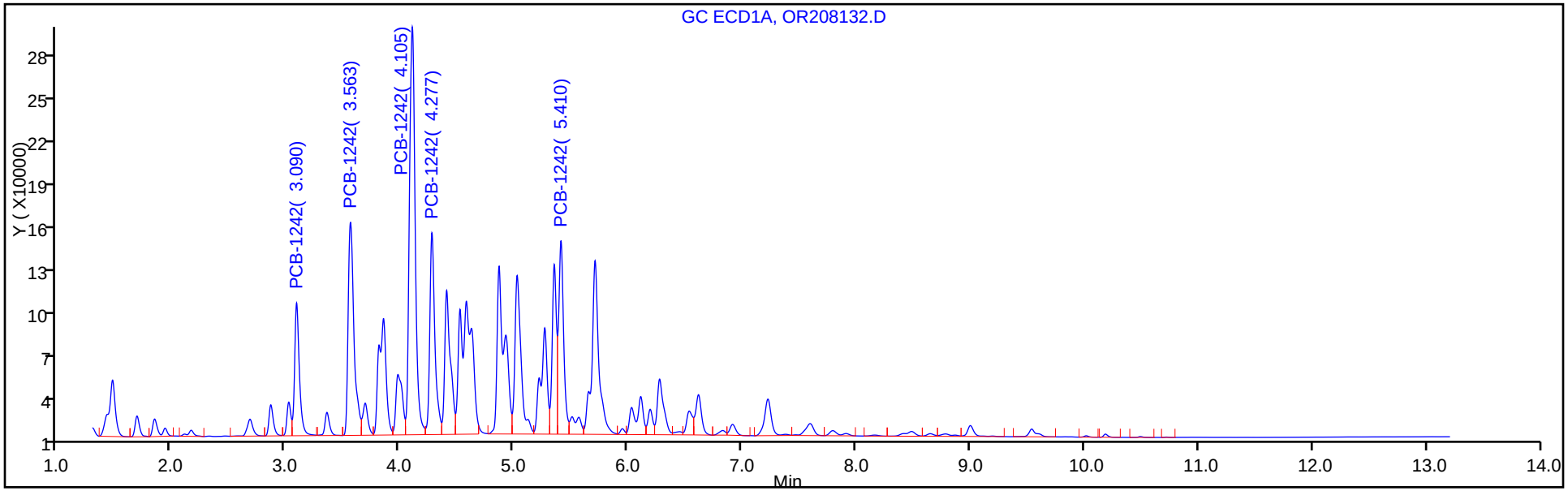
Report Date: 17-Sep-2013 13:32:39 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

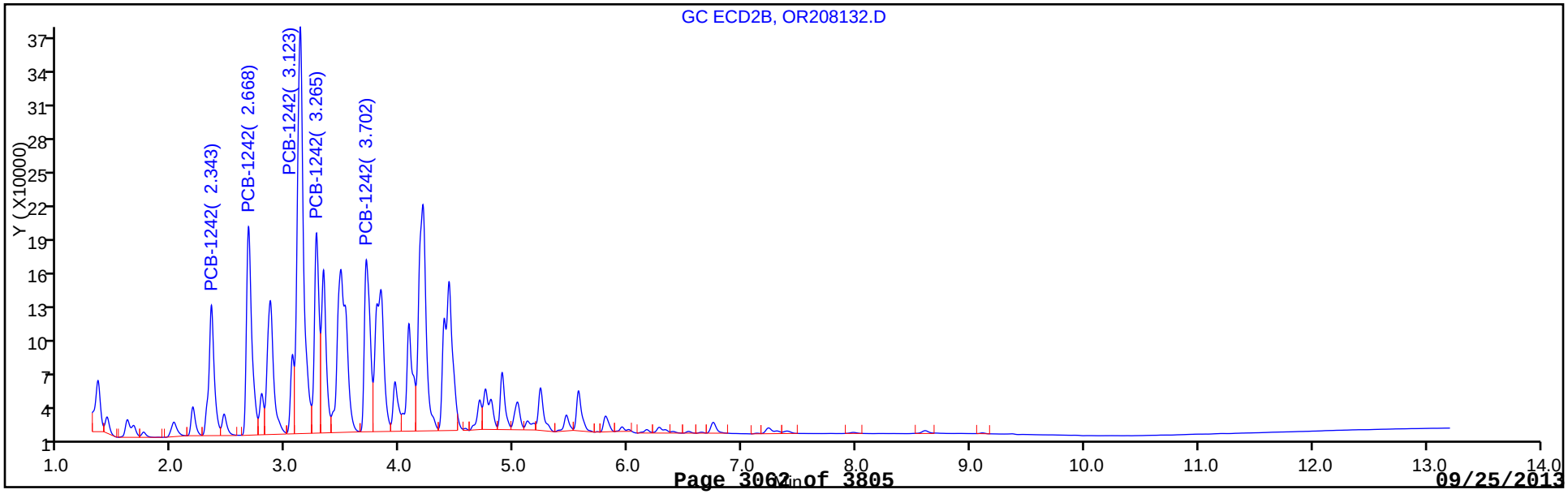
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208132.D

Injection Date:	17-Sep-2013 09:48:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-24SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



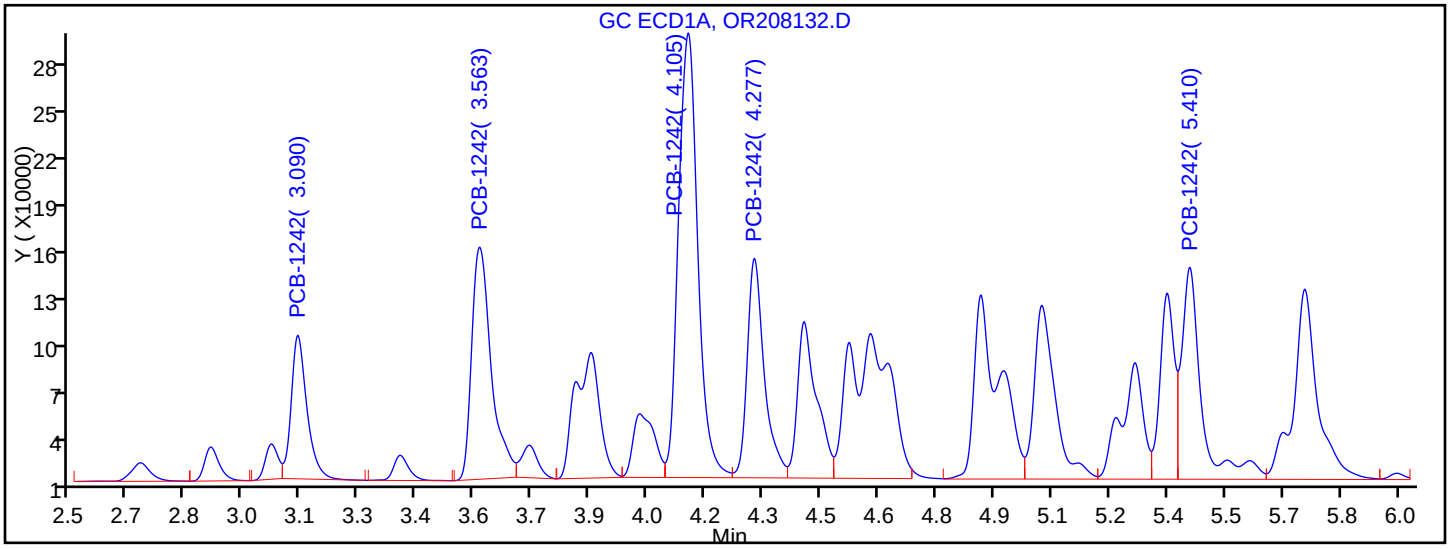
Report Date: 17-Sep-2013 13:32:39 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208132.D

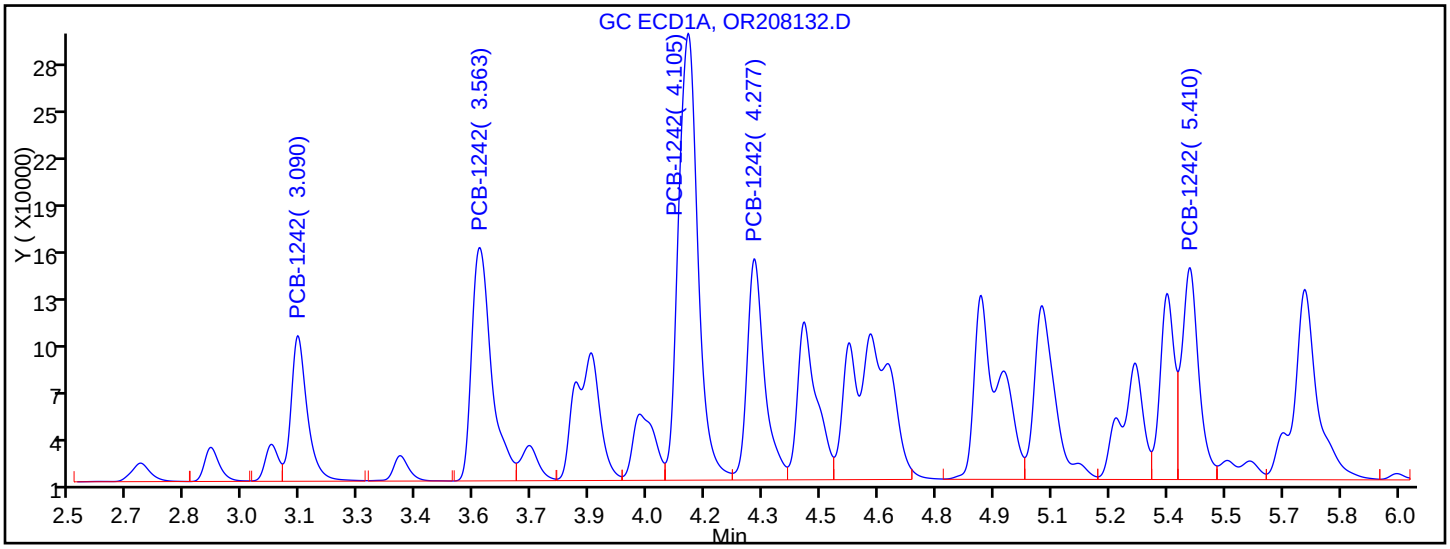
Injection Date:	17-Sep-2013 09:48:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-24SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.090	Response = 262072	M
RT = 3.563	Response = 526945	M
RT = 4.105	Response = 999568	M
RT = 4.277	Response = 436153	M
RT = 5.410	Response = 483941	M



Manual Integration Results

RT = 3.090	Response = 274263	M
RT = 3.563	Response = 536897	M
RT = 4.105	Response = 1014457	M
RT = 4.277	Response = 446035	M
RT = 5.410	Response = 412240	M

Reviewer: patelji, 17-Sep-2013 12:12:11

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-WT Lab Sample ID: 460-62968-29

Matrix: Solid Lab File ID: OR208132.D

Analysis Method: 8082 Date Collected: 09/12/2013 15:25

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 09:48

Con. Extract Vol.: 10(mL) Dilution Factor: 1000

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16000	U	71000	16000
11104-28-2	Aroclor 1221	16000	U	71000	16000
11141-16-5	Aroclor 1232	16000	U	71000	16000
12672-29-6	Aroclor 1248	16000	U	71000	16000
11097-69-1	Aroclor 1254	20000	U	71000	20000
11096-82-5	Aroclor 1260	20000	U	71000	20000
37324-23-5	Aroclor 1262	20000	U	71000	20000
11100-14-4	Aroclor 1268	20000	U	71000	20000

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\20130917-4712.b\OR208132.D		
Lims ID:	460-62968-E-29-A	Client ID:	PMP-24SE-WT
Inject. Date:	17-Sep-2013 09:48:30	Dil. Factor:	1000.0000
Sample Type:	Client		
Sample ID:	460-0004712-006		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	181716	Lims Sample ID:	6
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 13:32:32	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 12:12:11

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.090	3.088	0.002	274263	1867.1	M
1	3.563	3.562	0.001	536897	1861.4	M
1	4.105	4.105	0.0	1014457	1916.7	M
1	4.277	4.277	0.0	446035	1979.3	M
1	5.410	5.412	-0.002	412240	1897.8	M
		Average of Peak Amounts =			1904.5	
2	2.343	2.343	0.0	381523	1763.0	M
2	2.668	2.670	-0.002	595373	1821.5	M
2	3.123	3.123	0.0	1358163	1860.0	M
2	3.265	3.265	0.0	499466	1867.4	M
2	3.702	3.703	-0.001	524982	1746.1	M
		Average of Peak Amounts =			1811.6	
				RPD =	5.00	

QC Flag Legend

Review Flags
M - Manually Integrated

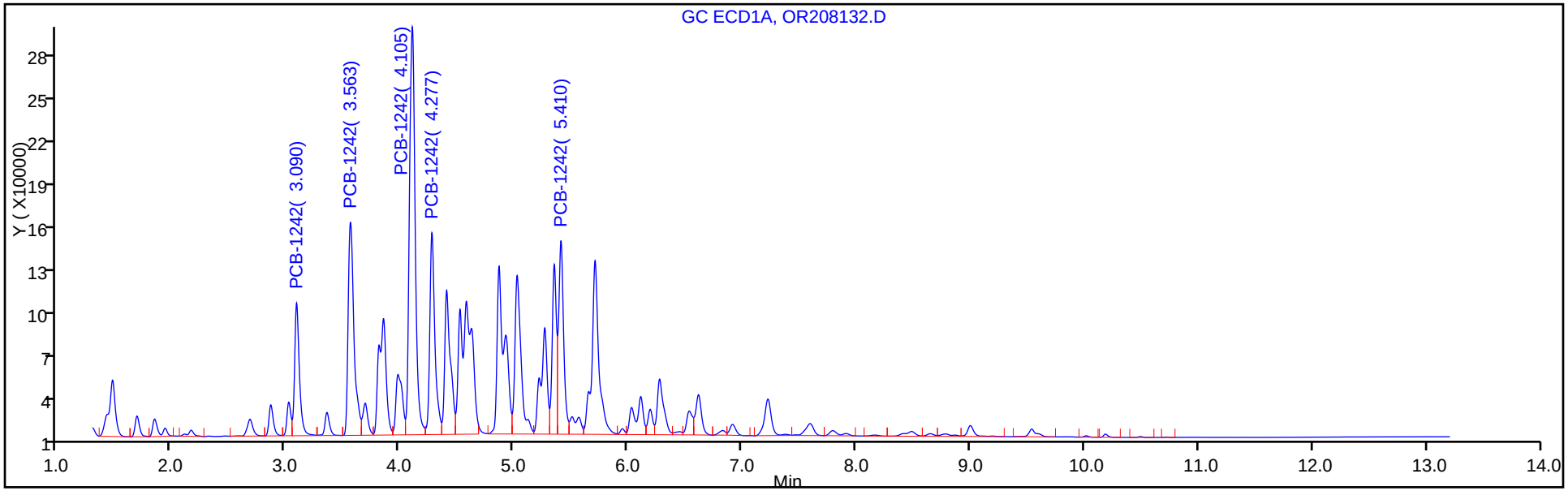
Report Date: 17-Sep-2013 13:32:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

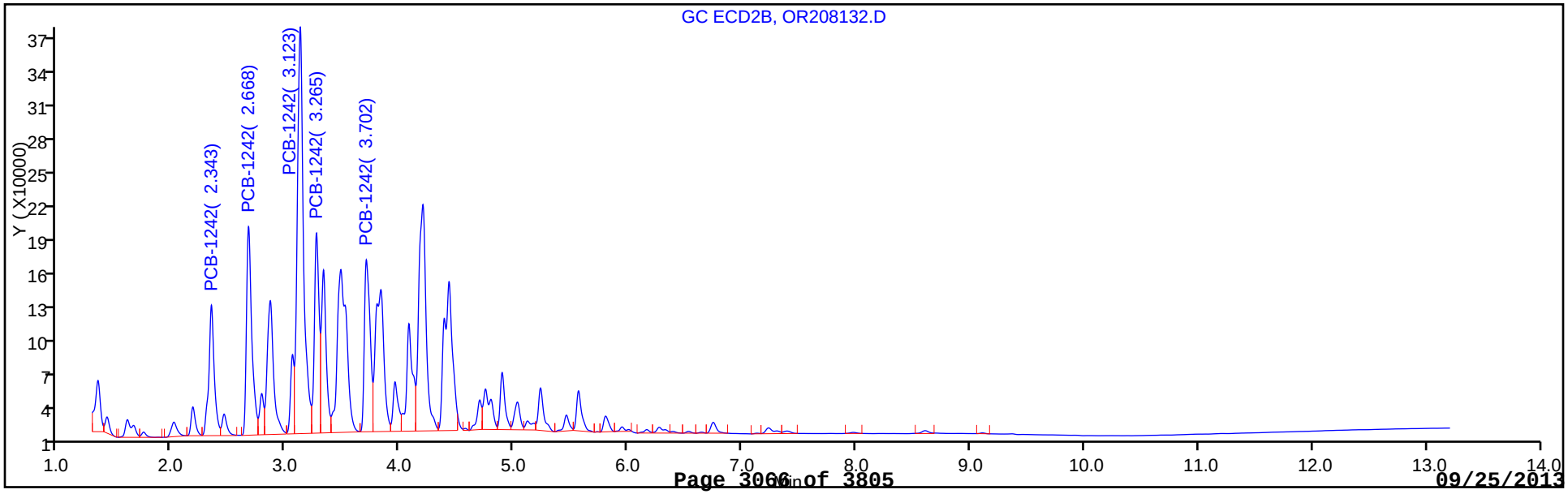
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208132.D

Injection Date:	17-Sep-2013 09:48:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-24SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



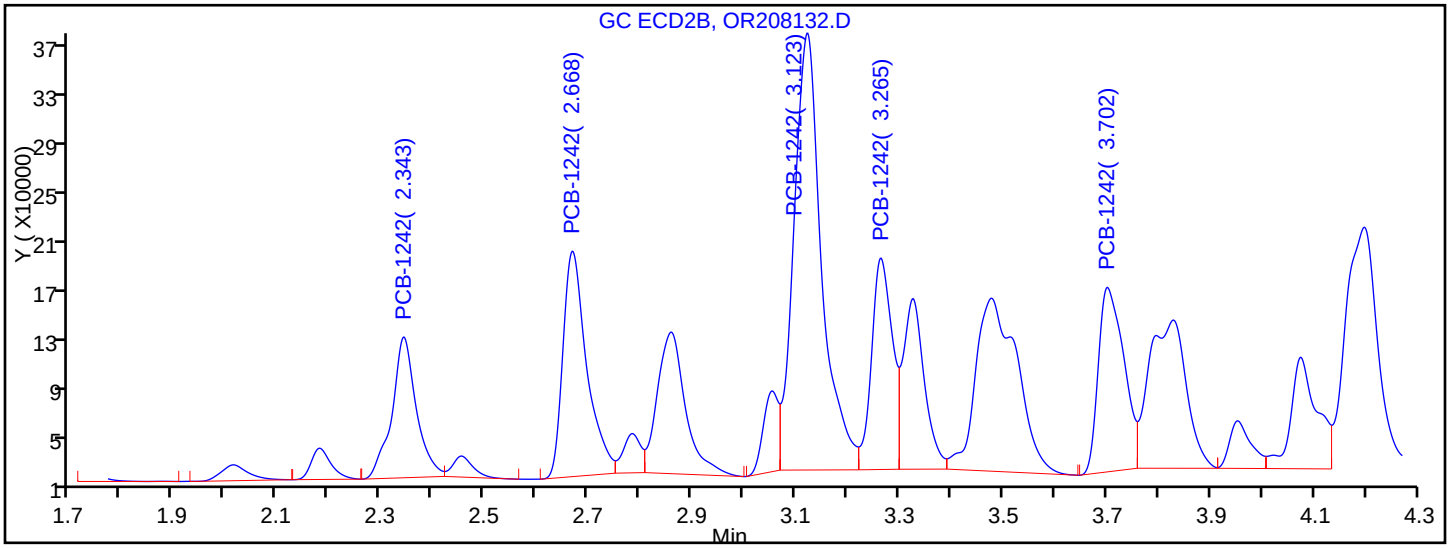
Report Date: 17-Sep-2013 13:32:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208132.D

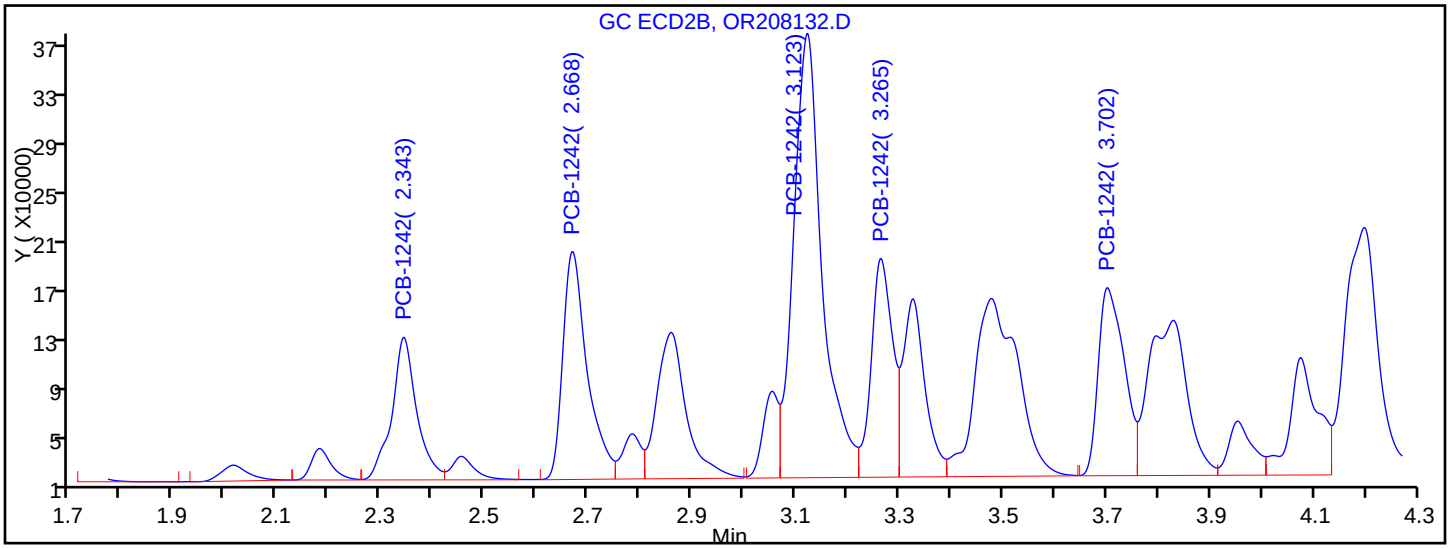
Injection Date:	17-Sep-2013 09:48:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-24SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.343	Response = 367732	M
RT = 2.668	Response = 575937	M
RT = 3.123	Response = 1304956	M
RT = 3.265	Response = 471947	M
RT = 3.702	Response = 505572	M



Manual Integration Results

RT = 2.343	Response = 381523	M
RT = 2.668	Response = 595373	M
RT = 3.123	Response = 1358163	M
RT = 3.265	Response = 499466	M
RT = 3.702	Response = 524982	M

Reviewer: patelji, 17-Sep-2013 12:12:11

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-SI | Lab Sample ID: 460-62968-30

Matrix: Solid | Lab File ID: OR208133.D

Analysis Method: 8082 | Date Collected: 09/12/2013 15:20

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.02(g) | Date Analyzed: 09/17/2013 10:04

Con. Extract Vol.: 10(mL) | Dilution Factor: 100

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 16.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	100000		8000	1800

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\20130917-4712.b\OR208133.D		
Lims ID:	460-62968-E-30-A	Client ID:	PMP-24SE-SI
Inject. Date:	17-Sep-2013 10:04:30	Dil. Factor:	100.0000
Sample Type:	Client		
Sample ID:	460-0004712-007		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	181716	Lims Sample ID:	7
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 13:32:32	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 12:12:39

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.088	3.088	0.0	184157	1253.7	M
1	3.562	3.562	0.0	356890	1237.3	
1	4.103	4.105	-0.002	675391	1276.0	M
1	4.277	4.277	0.0	298169	1323.1	M
1	5.408	5.412	-0.004	265071	1220.3	M
		Average of Peak Amounts =			1262.1	
2	2.342	2.343	-0.001	263044	1215.5	
2	2.667	2.670	-0.003	416654	1274.7	
2	3.120	3.123	-0.003	910962	1247.6	M
2	3.263	3.265	-0.002	341057	1275.1	
2	3.700	3.703	-0.003	365582	1215.9	
		Average of Peak Amounts =			1245.8	
					RPD = 1.30	

QC Flag Legend

Review Flags
M - Manually Integrated

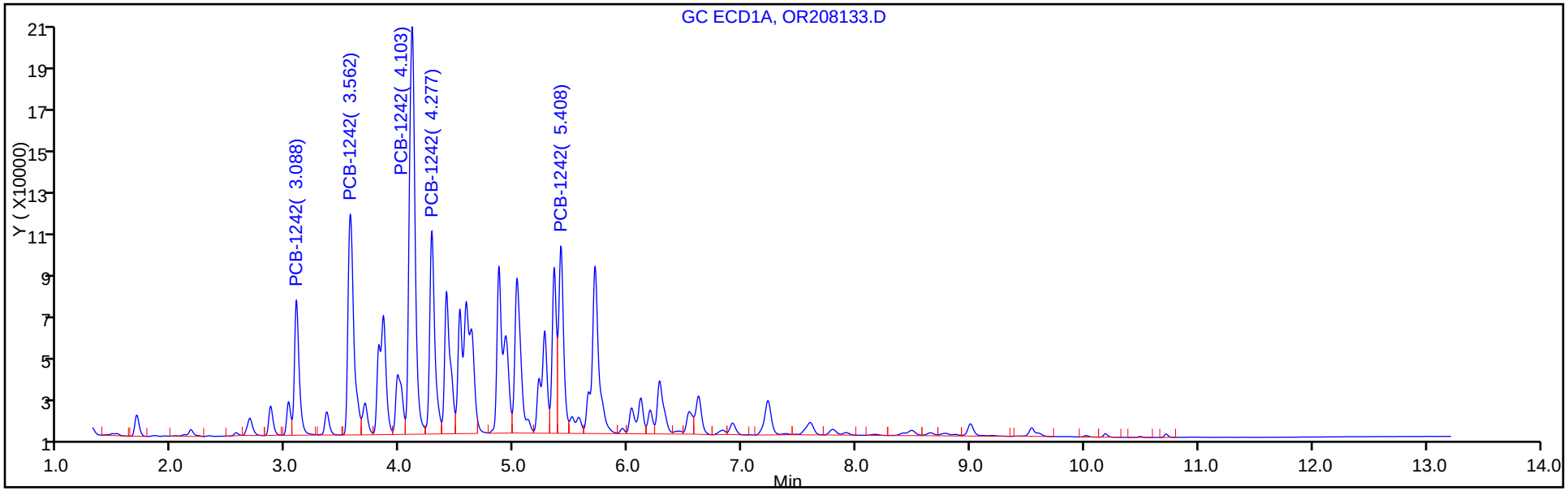
Report Date: 17-Sep-2013 13:32:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

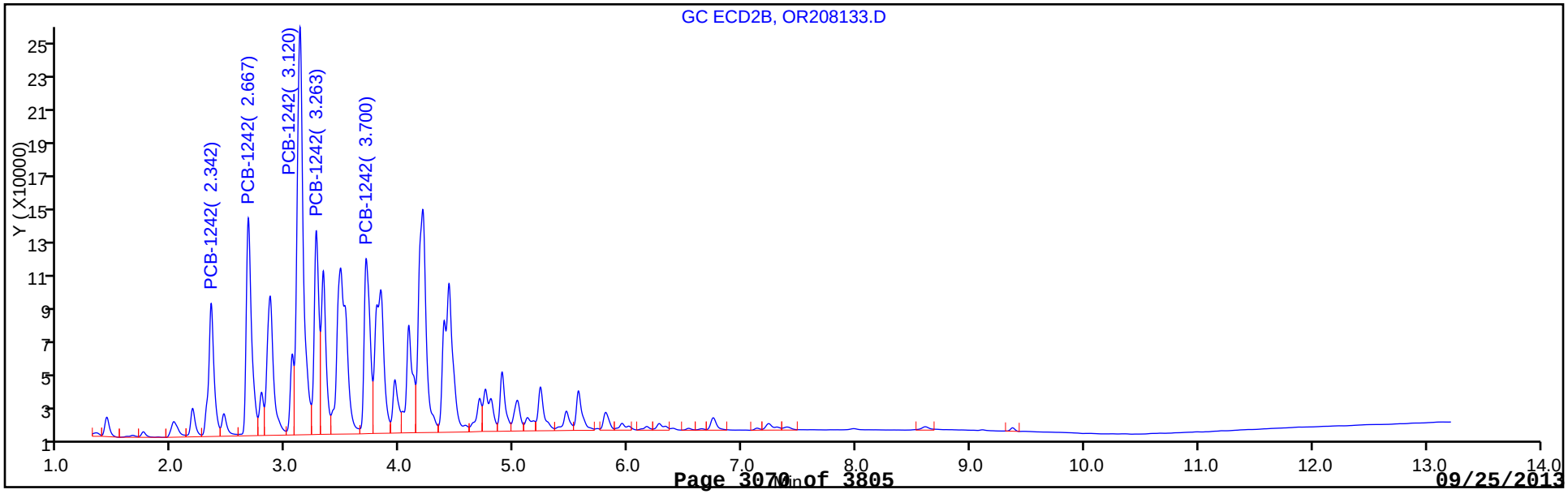
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208133.D

Injection Date:	17-Sep-2013 10:04:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-24SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



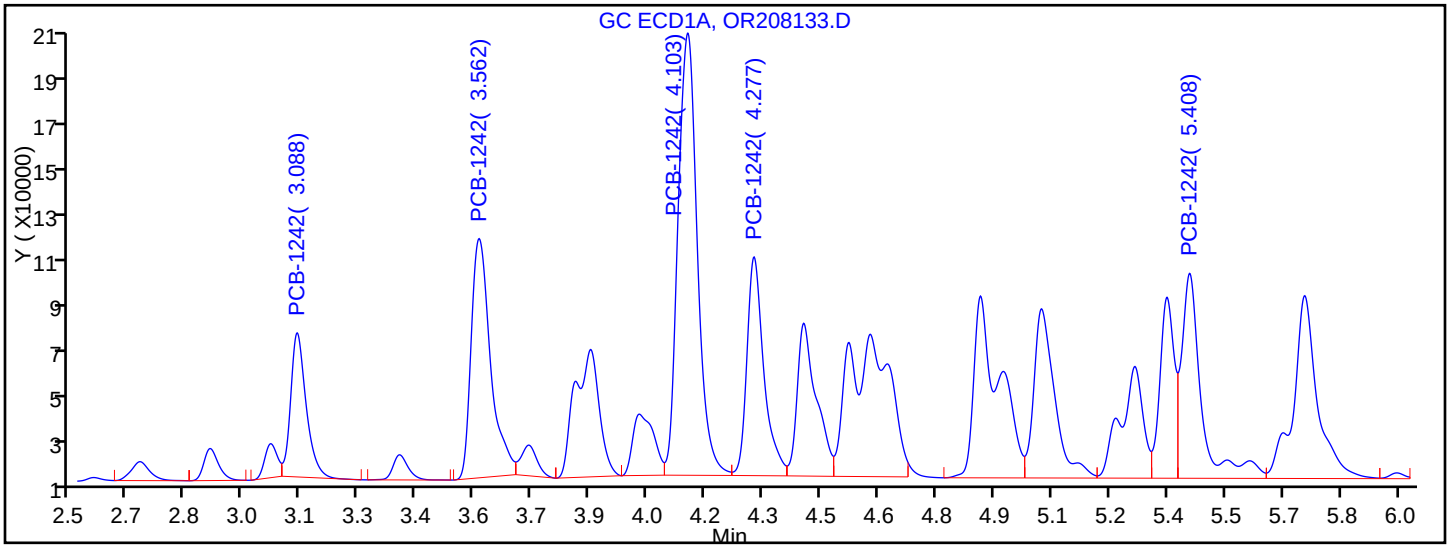
Report Date: 17-Sep-2013 13:32:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208133.D

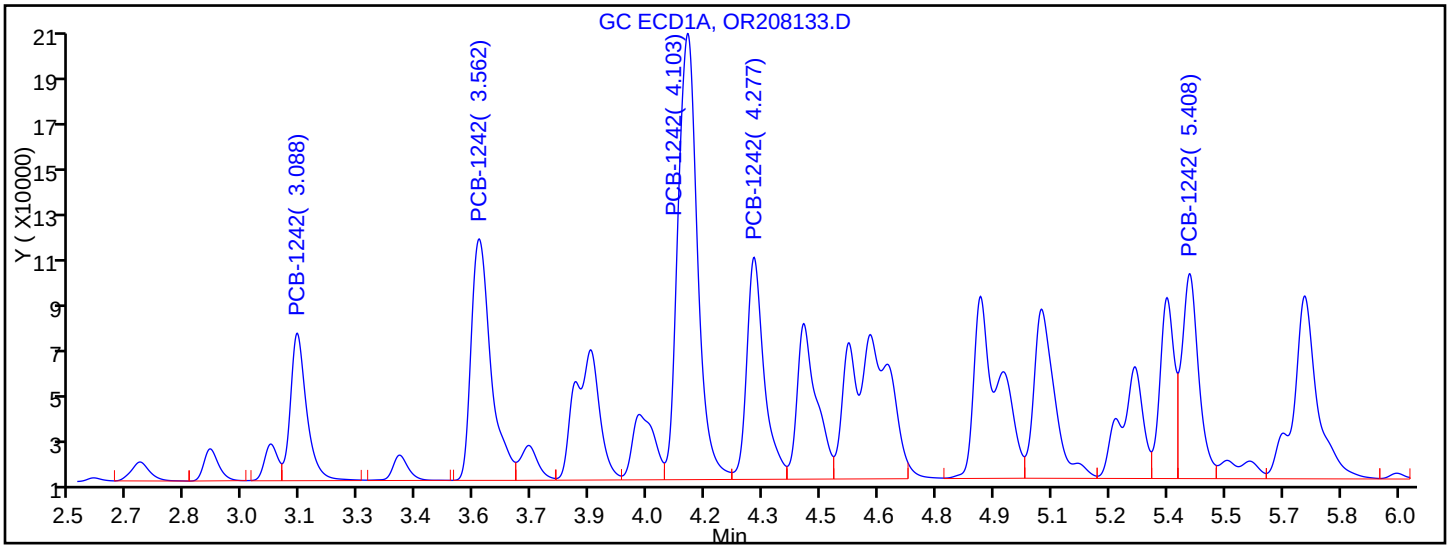
Injection Date:	17-Sep-2013 10:04:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-24SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.088	Response = 172197	M
RT = 3.562	Response = 356890	
RT = 4.103	Response = 657751	M
RT = 4.277	Response = 285952	M
RT = 5.408	Response = 310940	M



Manual Integration Results

RT = 3.088	Response = 184157	M
RT = 3.562	Response = 356890	
RT = 4.103	Response = 675391	M
RT = 4.277	Response = 298169	M
RT = 5.408	Response = 265071	M

Reviewer: patelji, 17-Sep-2013 12:12:39

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-SI | Lab Sample ID: 460-62968-30

Matrix: Solid | Lab File ID: OR208133.D

Analysis Method: 8082 | Date Collected: 09/12/2013 15:20

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.02(g) | Date Analyzed: 09/17/2013 10:04

Con. Extract Vol.: 10(mL) | Dilution Factor: 100

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 16.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1800	U	8000	1800
11104-28-2	Aroclor 1221	1800	U	8000	1800
11141-16-5	Aroclor 1232	1800	U	8000	1800
12672-29-6	Aroclor 1248	1800	U	8000	1800
11097-69-1	Aroclor 1254	2300	U	8000	2300
11096-82-5	Aroclor 1260	2300	U	8000	2300
37324-23-5	Aroclor 1262	2300	U	8000	2300
11100-14-4	Aroclor 1268	2300	U	8000	2300

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\20130917-4712.b\OR208133.D		
Lims ID:	460-62968-E-30-A	Client ID:	PMP-24SE-SI
Inject. Date:	17-Sep-2013 10:04:30	Dil. Factor:	100.0000
Sample Type:	Client		
Sample ID:	460-0004712-007		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	181716	Lims Sample ID:	7
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 13:32:32	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 12:12:39

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.088	3.088	0.0	184157	1253.7	M
1	3.562	3.562	0.0	356890	1237.3	
1	4.103	4.105	-0.002	675391	1276.0	M
1	4.277	4.277	0.0	298169	1323.1	M
1	5.408	5.412	-0.004	265071	1220.3	M
		Average of Peak Amounts =			1262.1	
2	2.342	2.343	-0.001	263044	1215.5	
2	2.667	2.670	-0.003	416654	1274.7	
2	3.120	3.123	-0.003	910962	1247.6	M
2	3.263	3.265	-0.002	341057	1275.1	
2	3.700	3.703	-0.003	365582	1215.9	
		Average of Peak Amounts =			1245.8	
					RPD = 1.30	

QC Flag Legend

Review Flags
M - Manually Integrated

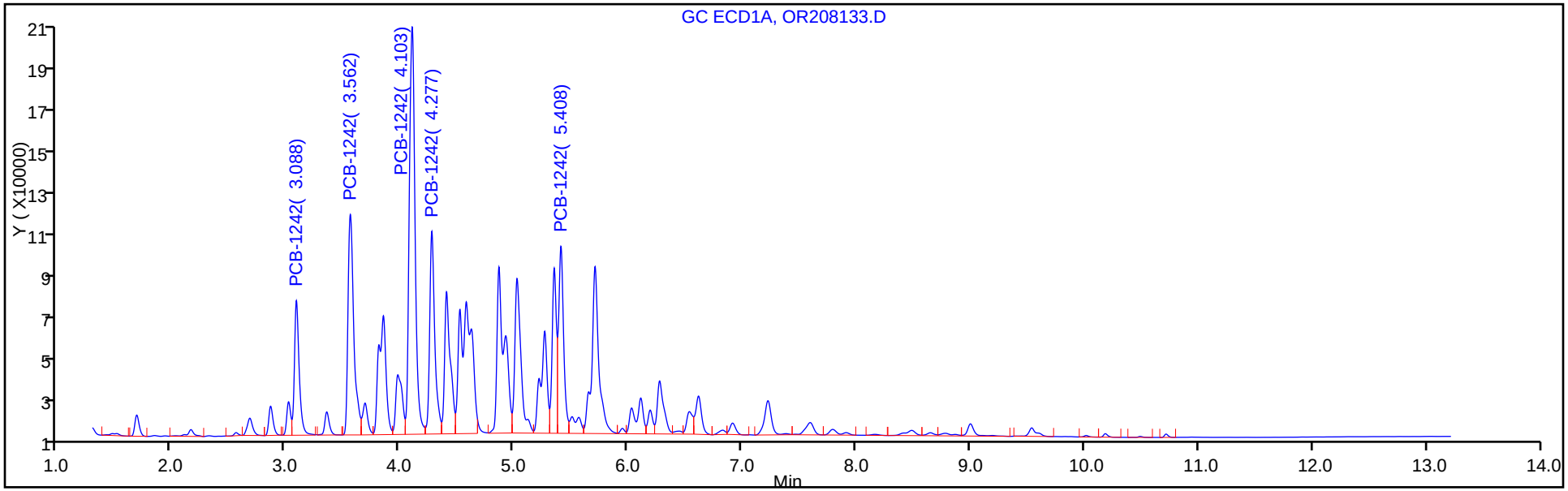
Report Date: 17-Sep-2013 13:32:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

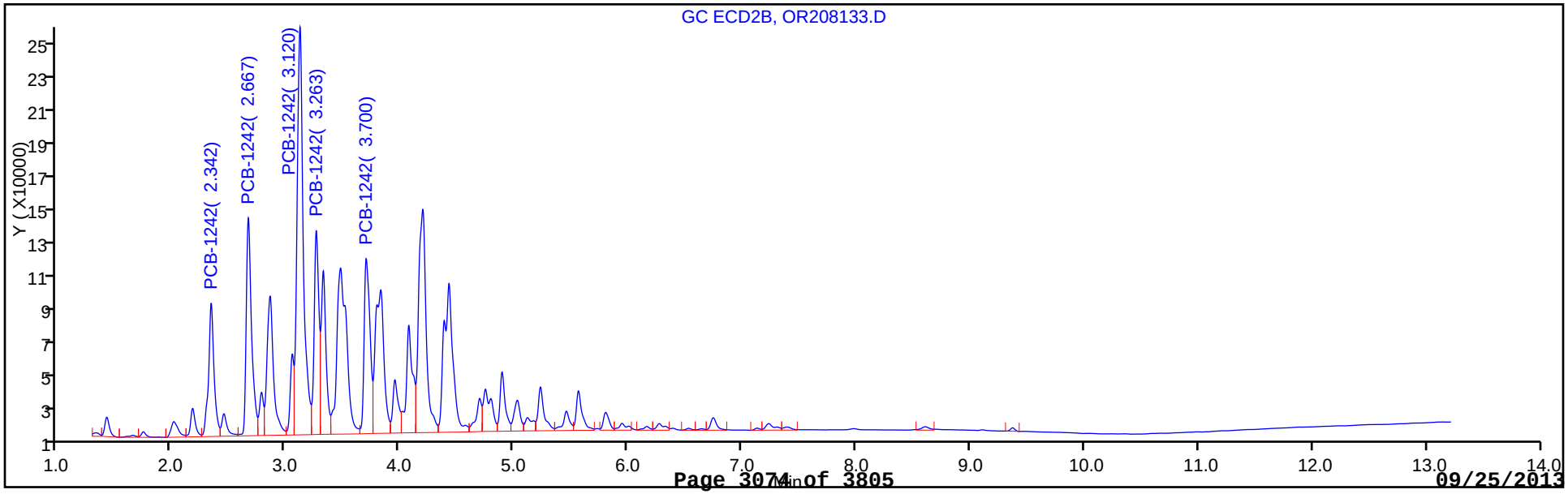
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208133.D

Injection Date:	17-Sep-2013 10:04:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-24SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



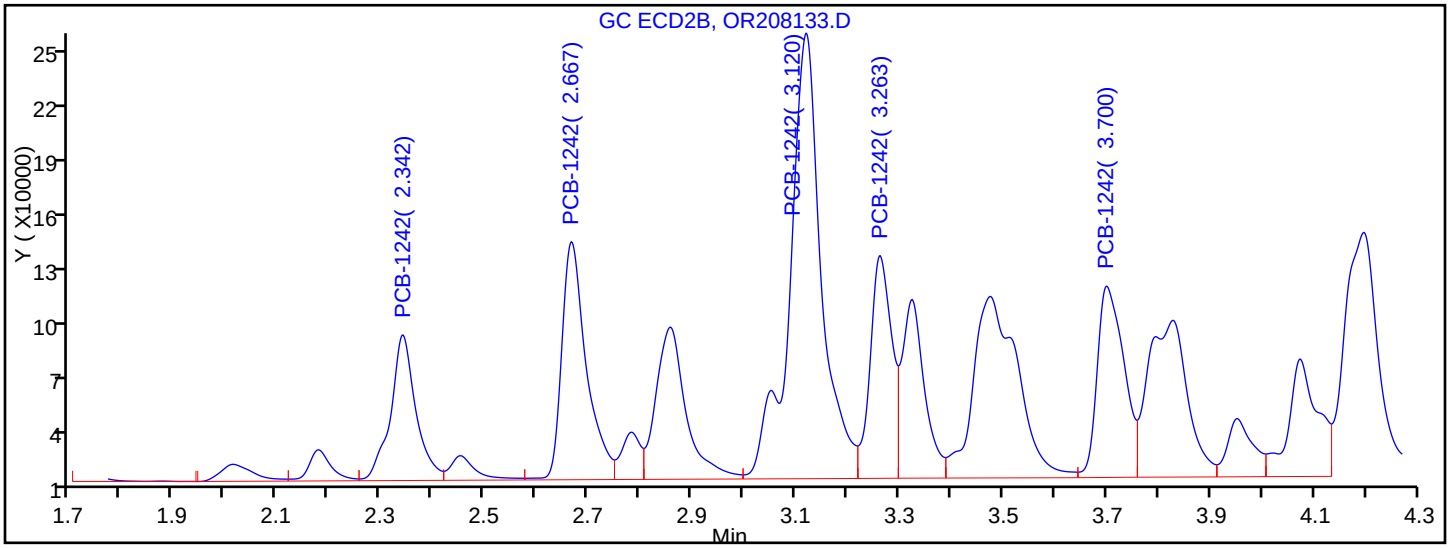
Report Date: 17-Sep-2013 13:32:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208133.D

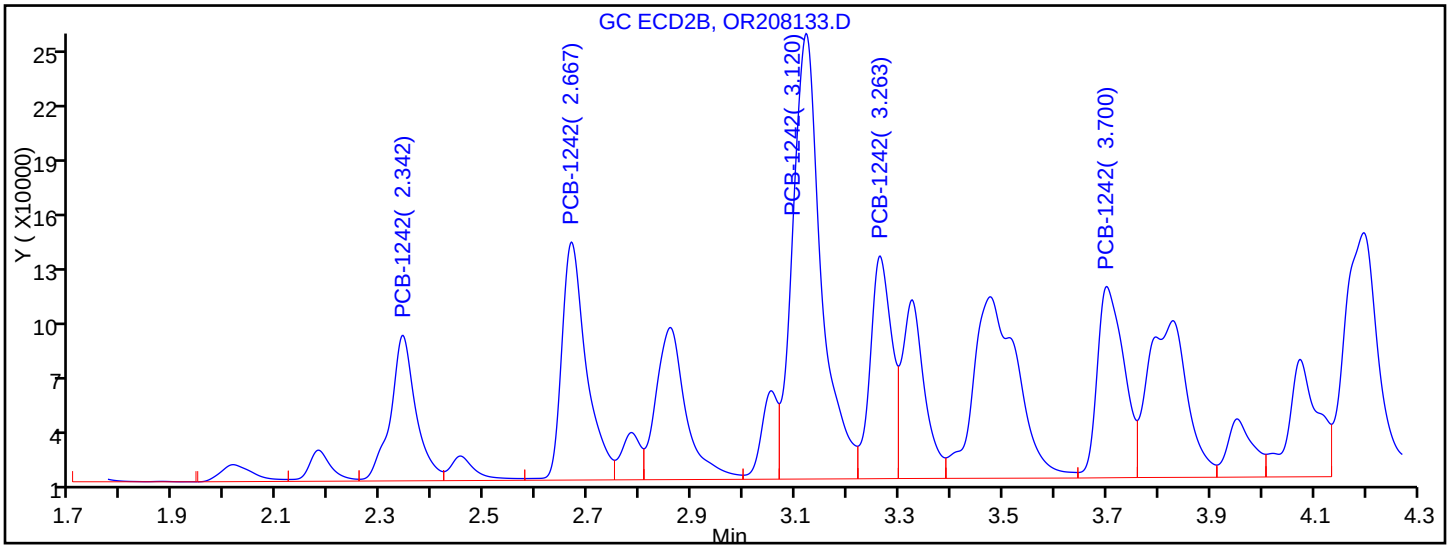
Injection Date:	17-Sep-2013 10:04:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-24SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.342	Response = 263044	
RT = 2.667	Response = 416654	
RT = 3.120	Response = 1012938	M
RT = 3.263	Response = 341057	
RT = 3.700	Response = 365582	



Manual Integration Results

RT = 2.342	Response = 263044	
RT = 2.667	Response = 416654	
RT = 3.120	Response = 910962	M
RT = 3.263	Response = 341057	
RT = 3.700	Response = 365582	

Reviewer: patelji, 17-Sep-2013 12:12:39

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-VD | Lab Sample ID: 460-62968-31

Matrix: Solid | Lab File ID: OR208114.D

Analysis Method: 8082 | Date Collected: 09/12/2013 15:45

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.01(g) | Date Analyzed: 09/17/2013 01:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181607 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	440		70	16

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\20130915-4643.b\OR208114.D
Lims ID: 460-62968-E-31-A Client ID: PMP-2SE-VD
Inject. Date: 17-Sep-2013 01:16:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-0004643-065
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 65
Lims Batch ID: 181607 Lims Sample ID: 65
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m
Last Update: 17-Sep-2013 11:35:08 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 11:25:20

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.090	3.088	0.002	92850	632.1	
1	3.562	3.562	0.0	177636	615.9	M
1	4.105	4.105	0.0	353195	667.3	M
1	4.277	4.277	0.0	143467	636.6	M
1	5.410	5.412	-0.002	130609	601.3	M
		Average of Peak Amounts =			630.6	
2	2.342	2.343	-0.001	117453	542.7	M
2	2.667	2.670	-0.003	177357	542.6	
2	3.120	3.123	-0.003	466749	639.2	
2	3.263	3.265	-0.002	149480	558.9	
2	3.700	3.703	-0.003	157526	523.9	
		Average of Peak Amounts =			561.5	
					RPD = 11.60	
$ 5 DCB Decachlorobiphenyl						
1	10.698	10.710	-0.012	181983	46.7	
2	9.370	9.377	-0.007	309172	43.8	
					RPD = 6.26	

QC Flag Legend

Review Flags
M - Manually Integrated

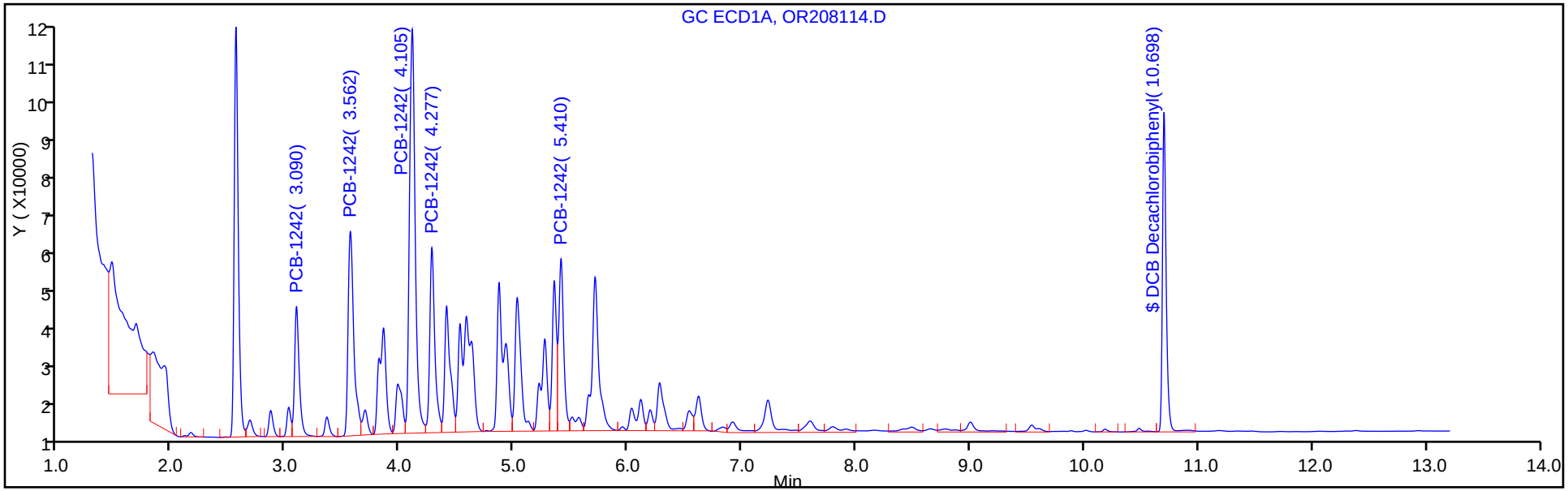
Report Date: 17-Sep-2013 11:35:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

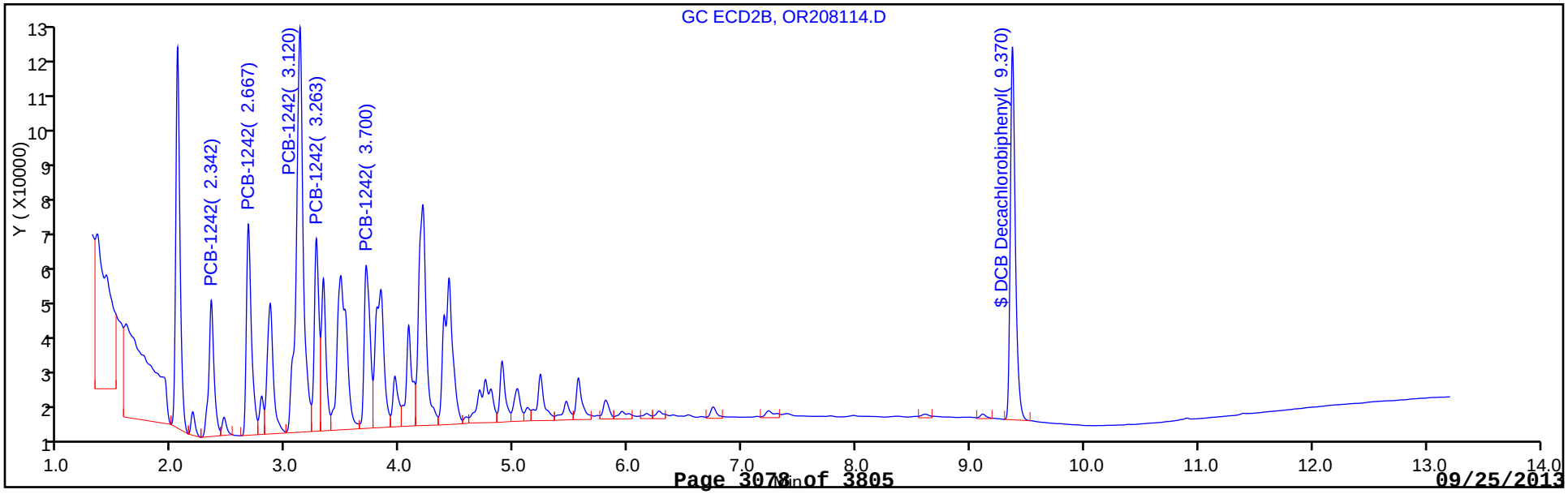
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208114.D

Injection Date:	17-Sep-2013 01:16:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-2SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	65
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



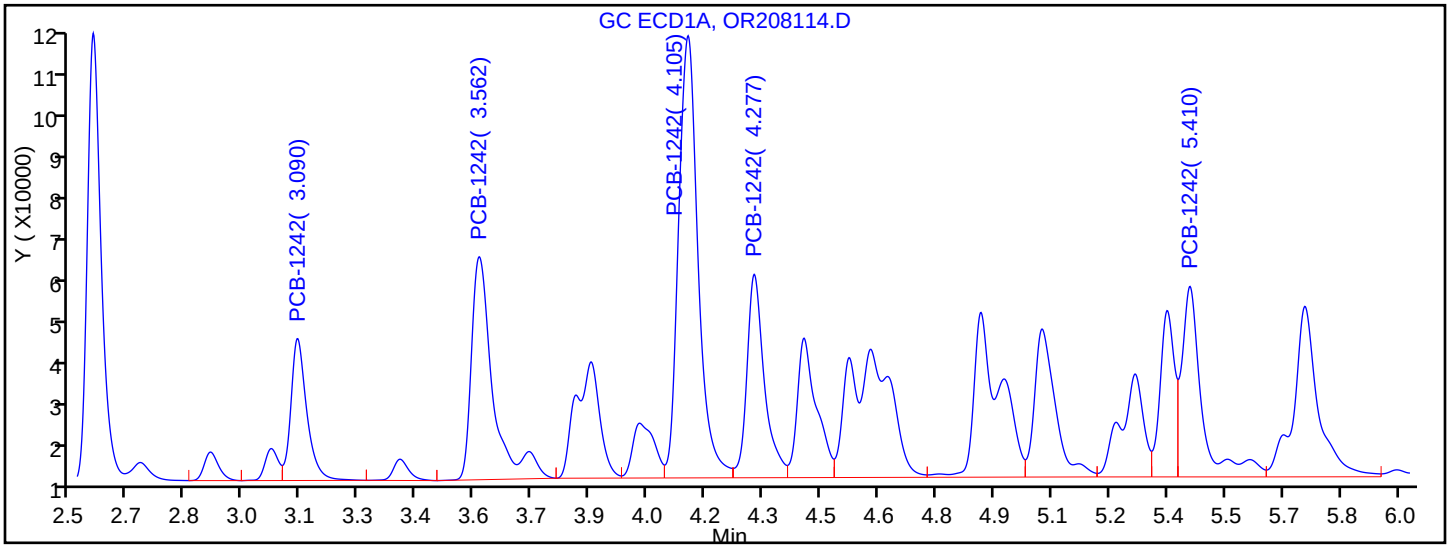
Report Date: 17-Sep-2013 11:35:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208114.D

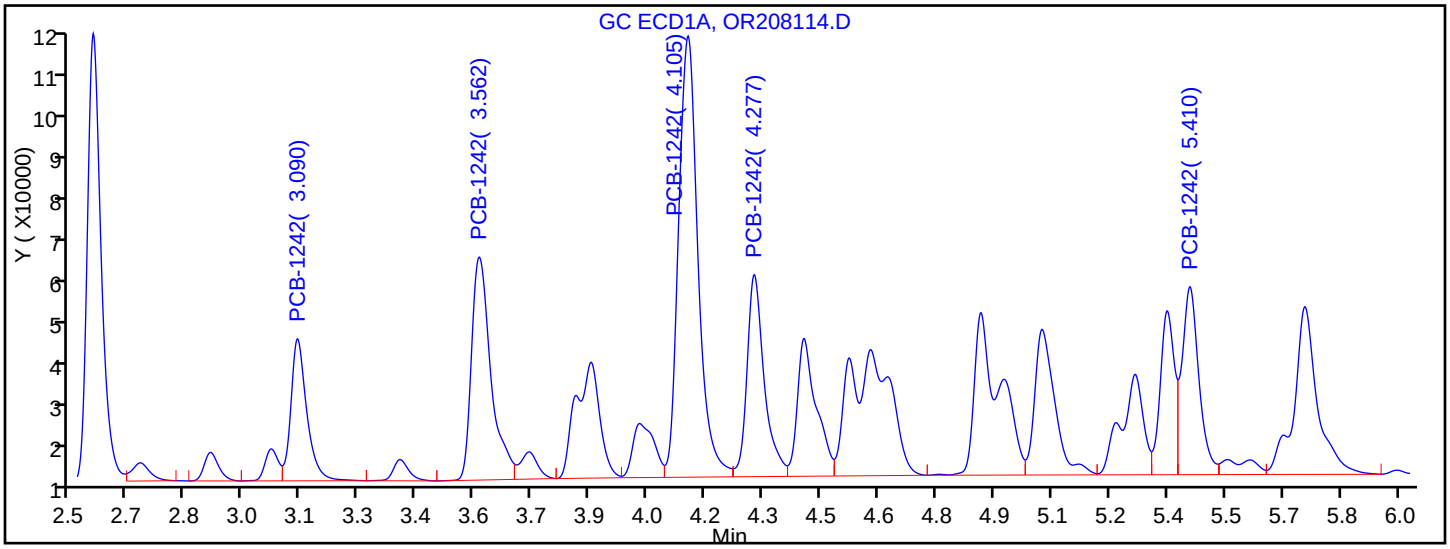
Injection Date:	17-Sep-2013 01:16:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-2SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	65
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.090	Response = 92850	
RT = 3.562	Response = 197349	M
RT = 4.105	Response = 355859	M
RT = 4.277	Response = 146246	M
RT = 5.410	Response = 158107	M



Manual Integration Results

RT = 3.090	Response = 92850	
RT = 3.562	Response = 177636	M
RT = 4.105	Response = 353195	M
RT = 4.277	Response = 143467	M
RT = 5.410	Response = 130609	M

Reviewer: patelji, 17-Sep-2013 11:25:20

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-VD Lab Sample ID: 460-62968-31

Matrix: Solid Lab File ID: OR208114.D

Analysis Method: 8082 Date Collected: 09/12/2013 15:45

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.01(g) Date Analyzed: 09/17/2013 01:16

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181607 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	88		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208114.D		
Lims ID:	460-62968-E-31-A	Client ID:	PMP-2SE-VD
Inject. Date:	17-Sep-2013 01:16:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-065		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	65
Lims Batch ID:	181607	Lims Sample ID:	65
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:35:08	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 11:25:20

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.090	3.088	0.002	92850	632.1	
1	3.562	3.562	0.0	177636	615.9	M
1	4.105	4.105	0.0	353195	667.3	M
1	4.277	4.277	0.0	143467	636.6	M
1	5.410	5.412	-0.002	130609	601.3	M
		Average of Peak Amounts =			630.6	
2	2.342	2.343	-0.001	117453	542.7	M
2	2.667	2.670	-0.003	177357	542.6	
2	3.120	3.123	-0.003	466749	639.2	
2	3.263	3.265	-0.002	149480	558.9	
2	3.700	3.703	-0.003	157526	523.9	
		Average of Peak Amounts =			561.5	
					RPD = 11.60	
$ 5 DCB Decachlorobiphenyl						
1	10.698	10.710	-0.012	181983	46.7	
2	9.370	9.377	-0.007	309172	43.8	
					RPD = 6.26	

QC Flag Legend

Review Flags
M - Manually Integrated

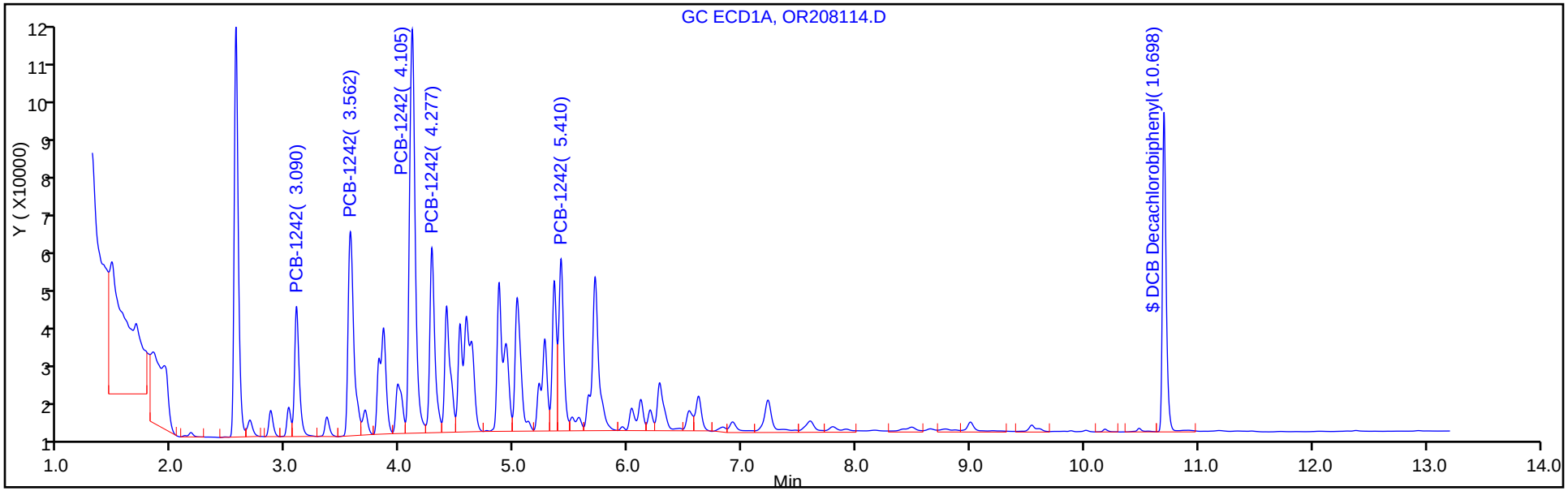
Report Date: 17-Sep-2013 11:35:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

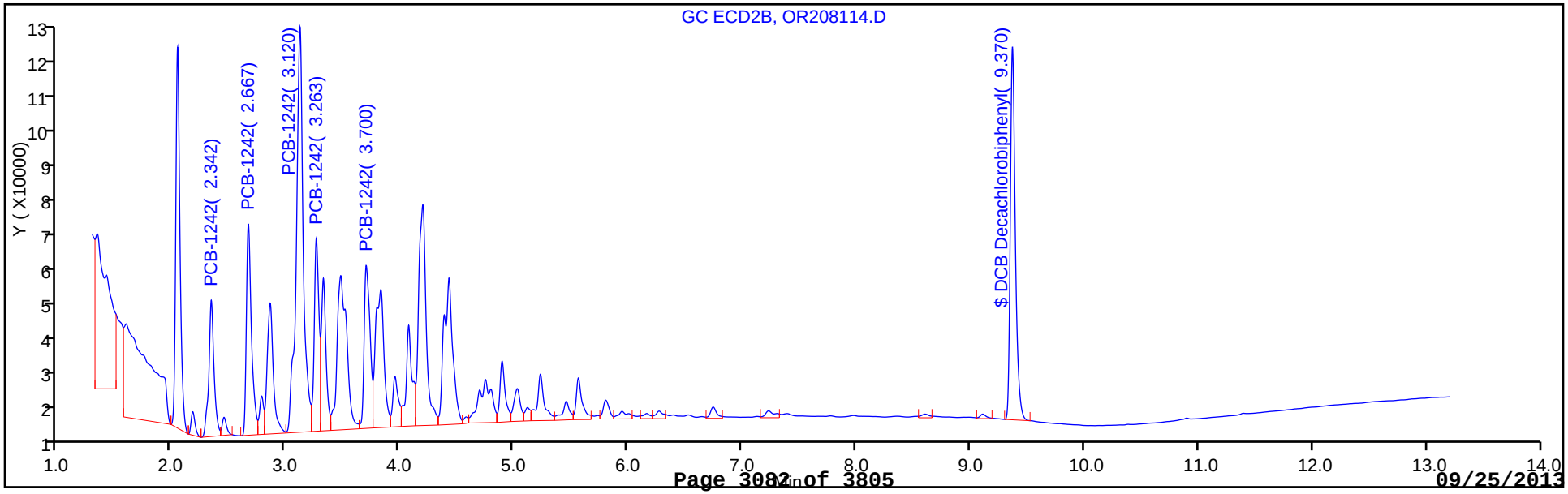
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208114.D

Injection Date:	17-Sep-2013 01:16:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-2SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	65
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



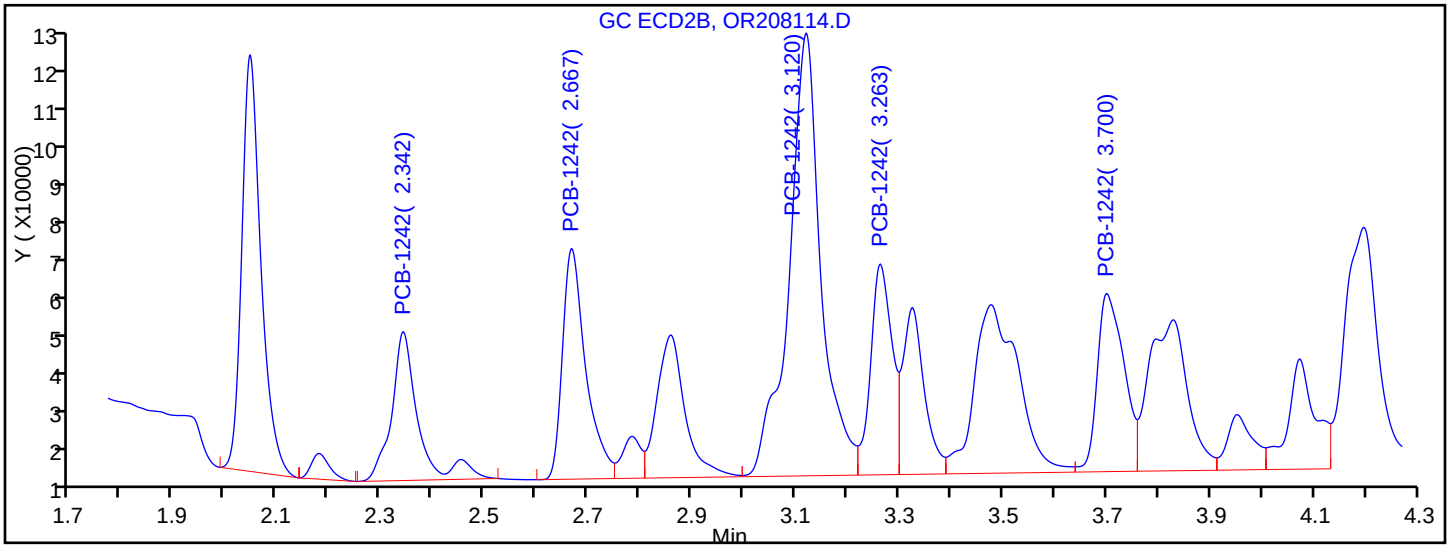
Report Date: 17-Sep-2013 11:35:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208114.D

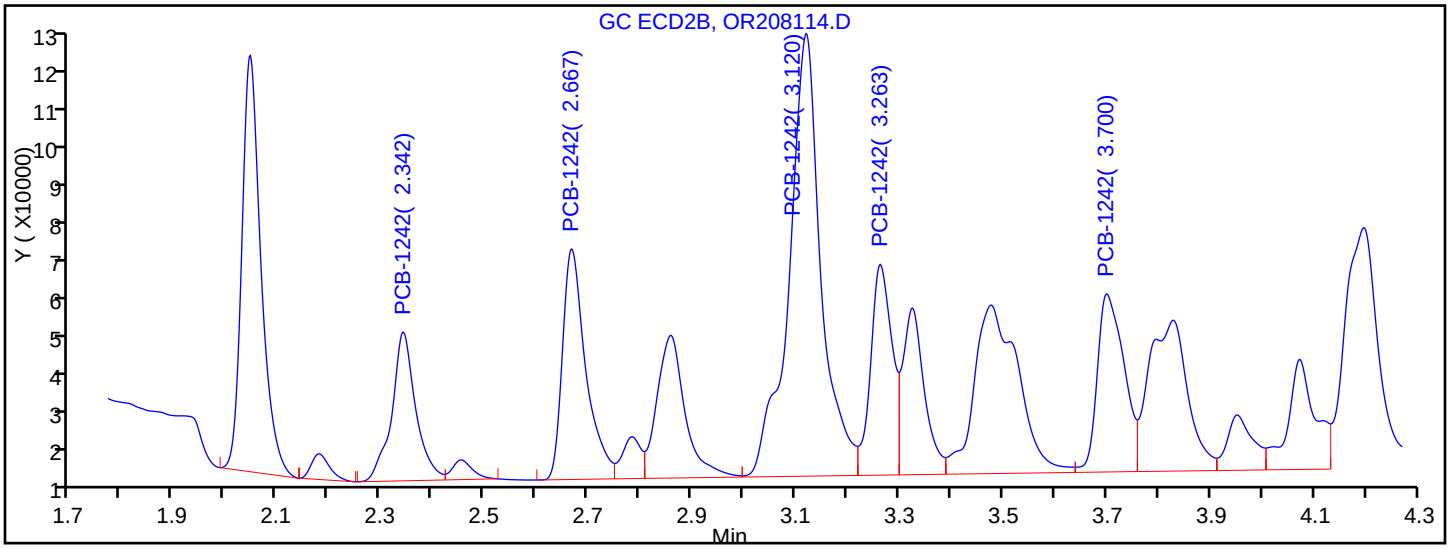
Injection Date:	17-Sep-2013 01:16:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-2SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	65
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.342	Response = 130497	M
RT = 2.667	Response = 177357	
RT = 3.120	Response = 466749	
RT = 3.263	Response = 149480	
RT = 3.700	Response = 157526	



Manual Integration Results

RT = 2.342	Response = 117453	M
RT = 2.667	Response = 177357	
RT = 3.120	Response = 466749	
RT = 3.263	Response = 149480	
RT = 3.700	Response = 157526	

Reviewer: patelji, 17-Sep-2013 11:25:20

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-WT | Lab Sample ID: 460-62968-32

Matrix: Solid | Lab File ID: OR208134.D

Analysis Method: 8082 | Date Collected: 09/12/2013 15:50

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.04(g) | Date Analyzed: 09/17/2013 10:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 200

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	140000		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\20130917-4712.b\OR208134.D		
Lims ID:	460-62968-E-32-A	Client ID:	PMP-2SE-WT
Inject. Date:	17-Sep-2013 10:21:30	Dil. Factor:	200.0000
Sample Type:	Client		
Sample ID:	460-0004712-008		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	181716	Lims Sample ID:	8
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m		
Last Update:	17-Sep-2013 13:32:32	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 10:47:59

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.090	3.088	0.002	135566	922.9	M
1	3.562	3.562	0.0	266743	924.8	
1	4.105	4.105	0.0	511389	966.2	M
1	4.277	4.277	0.0	224957	998.3	M
1	5.408	5.412	-0.004	227109	1045.5	M
		Average of Peak Amounts =			971.5	
2	2.342	2.343	-0.001	182922	845.3	M
2	2.668	2.670	-0.002	303064	927.2	
2	3.122	3.123	-0.001	650628	891.0	
2	3.263	3.265	-0.002	259791	971.3	
2	3.702	3.703	-0.001	286150	951.7	M
		Average of Peak Amounts =			917.3	
				RPD =	5.74	
10 PCB-1260						
1	0.0	6.575	-6.575	0	0	
1	6.910	6.920	-0.010	111245	258.7	
1	8.483	8.497	-0.014	93999	233.5	
1	8.998	9.007	-0.009	164775	243.1	M
1	10.185	10.185	0.0	37182	234.3	
		Average of Peak Amounts =			242.4	
2	5.113	5.118	-0.005	137621	317.7	
2	6.270	6.277	-0.007	102155	252.0	
2	6.743	6.752	-0.009	236126	244.8	
2	7.228	7.238	-0.010	120812	243.2	
2	8.602	8.613	-0.011	64410	212.4	
		Average of Peak Amounts =			254.0	
				RPD =	4.68	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags

QC Flag Legend

Review Flags
M - Manually Integrated

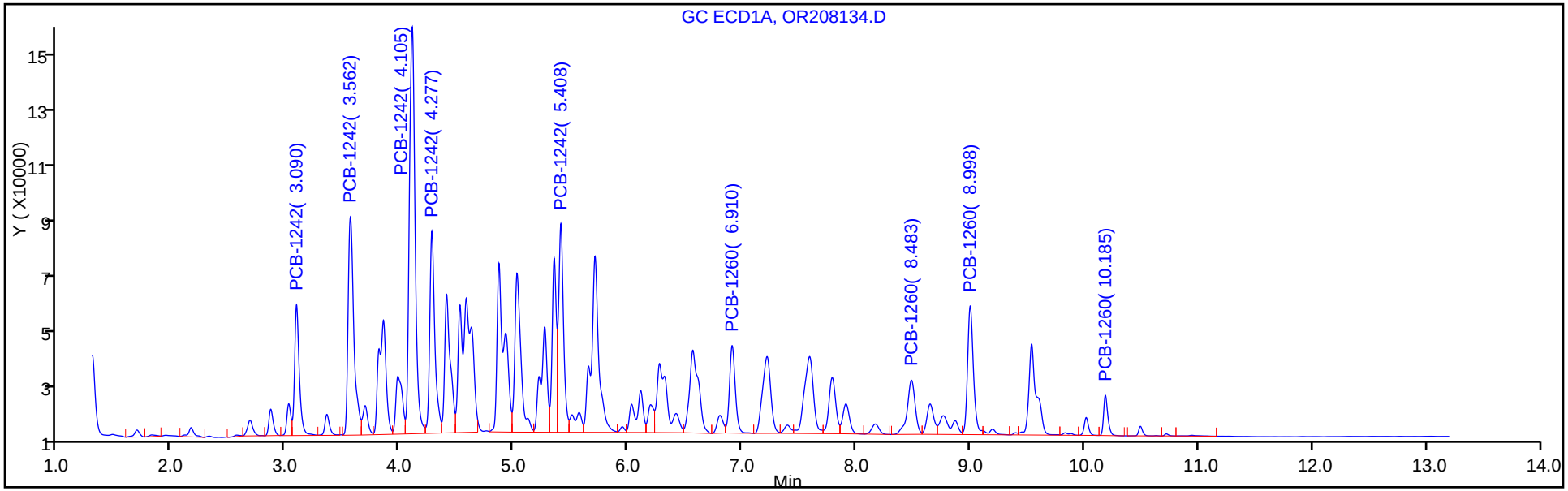
Report Date: 17-Sep-2013 13:32:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

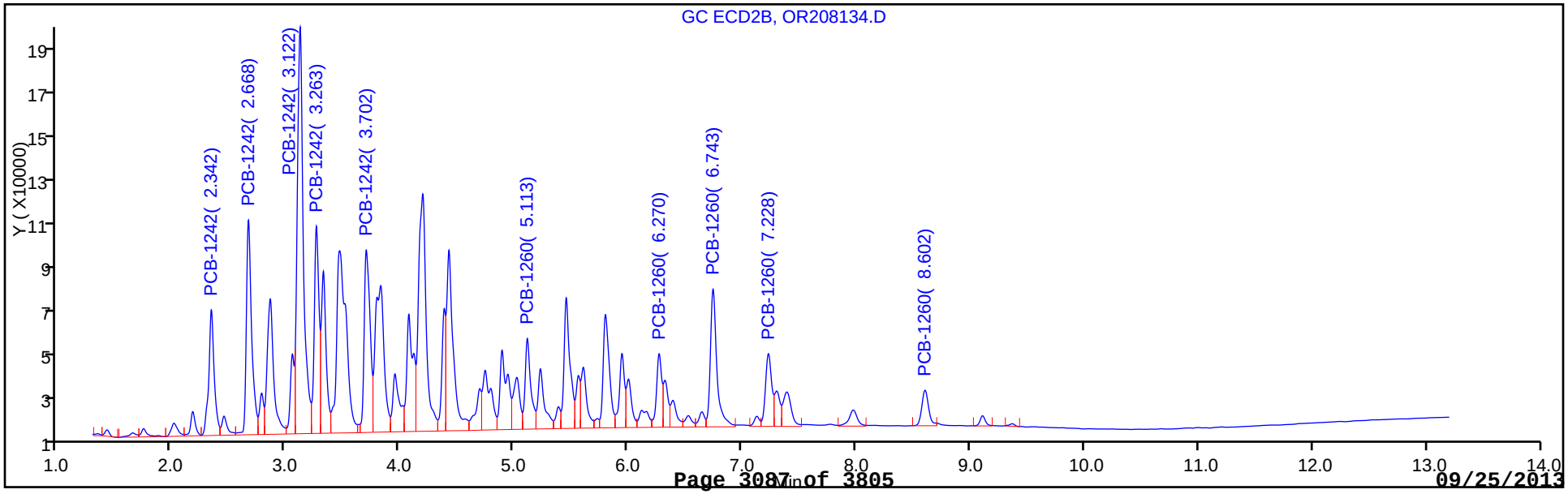
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208134.D

Injection Date:	17-Sep-2013 10:21:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-2SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



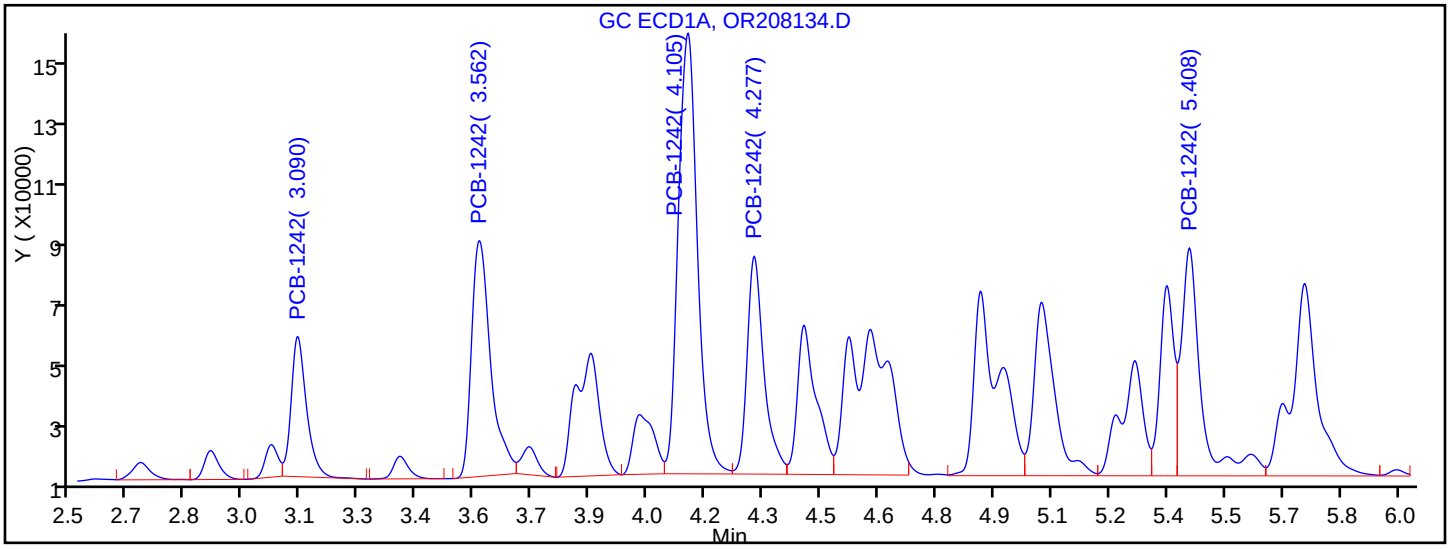
Report Date: 17-Sep-2013 13:32:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208134.D

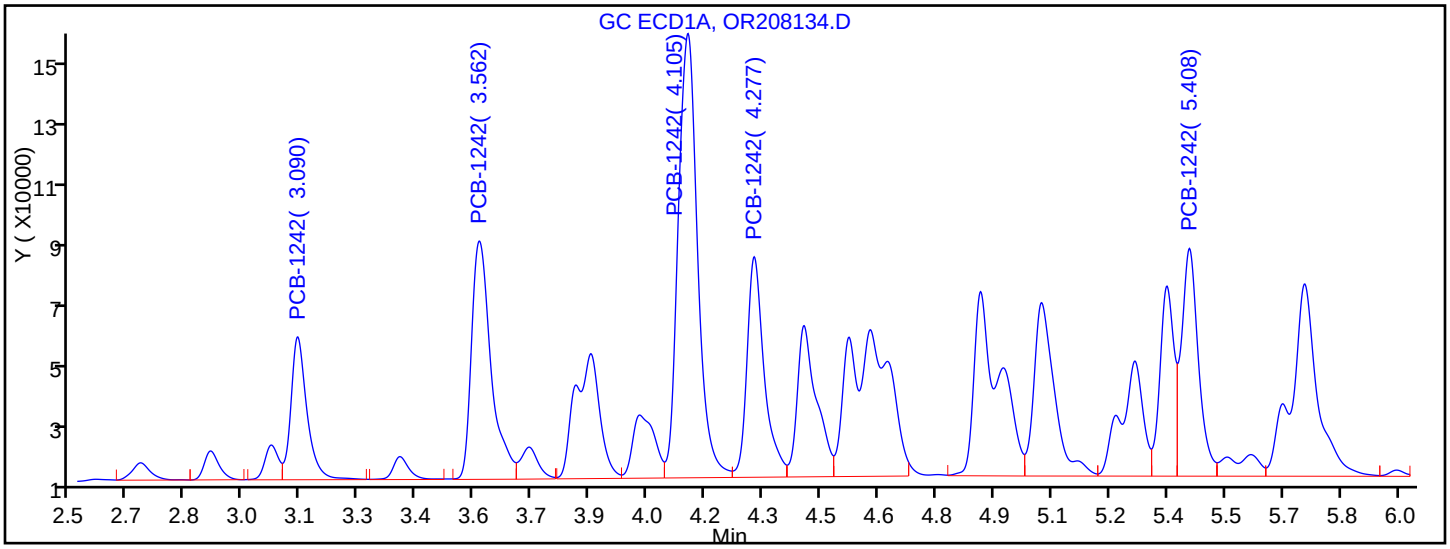
Injection Date:	17-Sep-2013 10:21:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-2SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.090	Response = 127883	M
RT = 3.562	Response = 266743	
RT = 4.105	Response = 499152	M
RT = 4.277	Response = 217234	M
RT = 5.408	Response = 266957	M



Manual Integration Results

RT = 3.090	Response = 135566	M
RT = 3.562	Response = 266743	
RT = 4.105	Response = 511389	M
RT = 4.277	Response = 224957	M
RT = 5.408	Response = 227109	M

Reviewer: patelji, 17-Sep-2013 12:16:24

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-WT | Lab Sample ID: 460-62968-32

Matrix: Solid | Lab File ID: OR208134.D

Analysis Method: 8082 | Date Collected: 09/12/2013 15:50

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.04(g) | Date Analyzed: 09/17/2013 10:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 200

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 | 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
12672-29-6	Aroclor 1248	3200	U	14000	3200
11097-69-1	Aroclor 1254	4000	U	14000	4000
11096-82-5	Aroclor 1260	36000		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\20130917-4712.b\OR208134.D
Lims ID: 460-62968-E-32-A Client ID: PMP-2SE-WT
Inject. Date: 17-Sep-2013 10:21:30 Dil. Factor: 200.0000
Sample Type: Client
Sample ID: 460-0004712-008
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 181716 Lims Sample ID: 8
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m
Last Update: 17-Sep-2013 13:32:32 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 10:47:59

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.090	3.088	0.002	135566	922.9	M
1	3.562	3.562	0.0	266743	924.8	
1	4.105	4.105	0.0	511389	966.2	M
1	4.277	4.277	0.0	224957	998.3	M
1	5.408	5.412	-0.004	227109	1045.5	M
		Average of Peak Amounts =			971.5	
2	2.342	2.343	-0.001	182922	845.3	M
2	2.668	2.670	-0.002	303064	927.2	
2	3.122	3.123	-0.001	650628	891.0	
2	3.263	3.265	-0.002	259791	971.3	
2	3.702	3.703	-0.001	286150	951.7	M
		Average of Peak Amounts =			917.3	
				RPD =	5.74	
10 PCB-1260						
1	0.0	6.575	-6.575	0	0	
1	6.910	6.920	-0.010	111245	258.7	
1	8.483	8.497	-0.014	93999	233.5	
1	8.998	9.007	-0.009	164775	243.1	M
1	10.185	10.185	0.0	37182	234.3	
		Average of Peak Amounts =			242.4	
2	5.113	5.118	-0.005	137621	317.7	
2	6.270	6.277	-0.007	102155	252.0	
2	6.743	6.752	-0.009	236126	244.8	
2	7.228	7.238	-0.010	120812	243.2	
2	8.602	8.613	-0.011	64410	212.4	
		Average of Peak Amounts =			254.0	
				RPD =	4.68	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags

QC Flag Legend

Review Flags
M - Manually Integrated

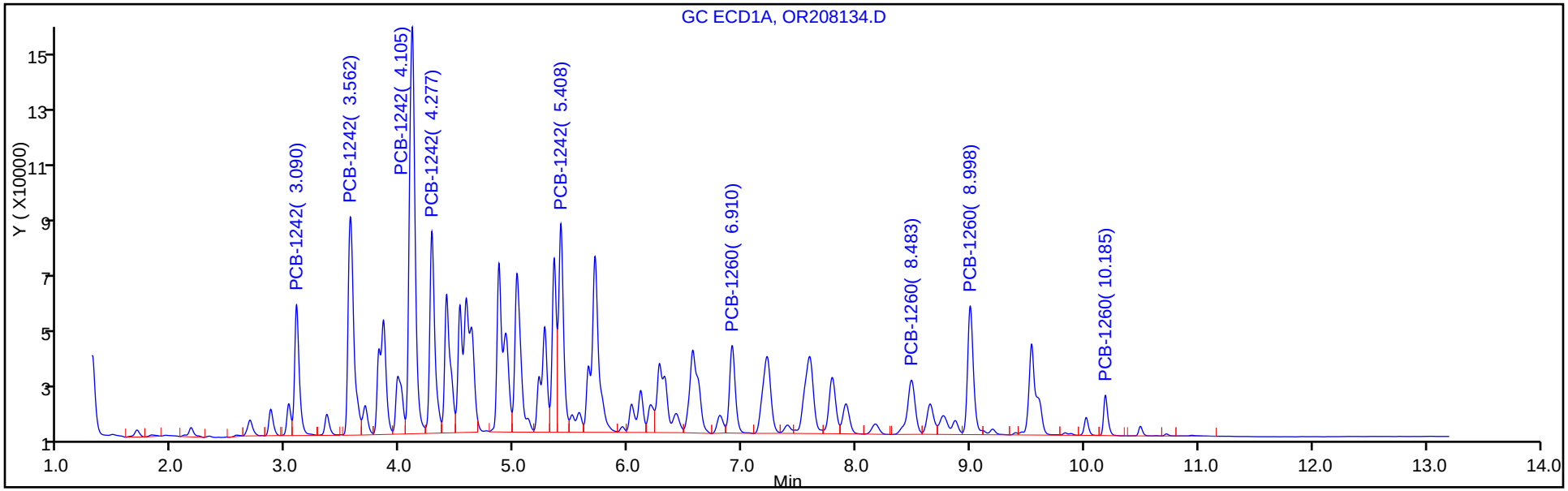
Report Date: 17-Sep-2013 13:32:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

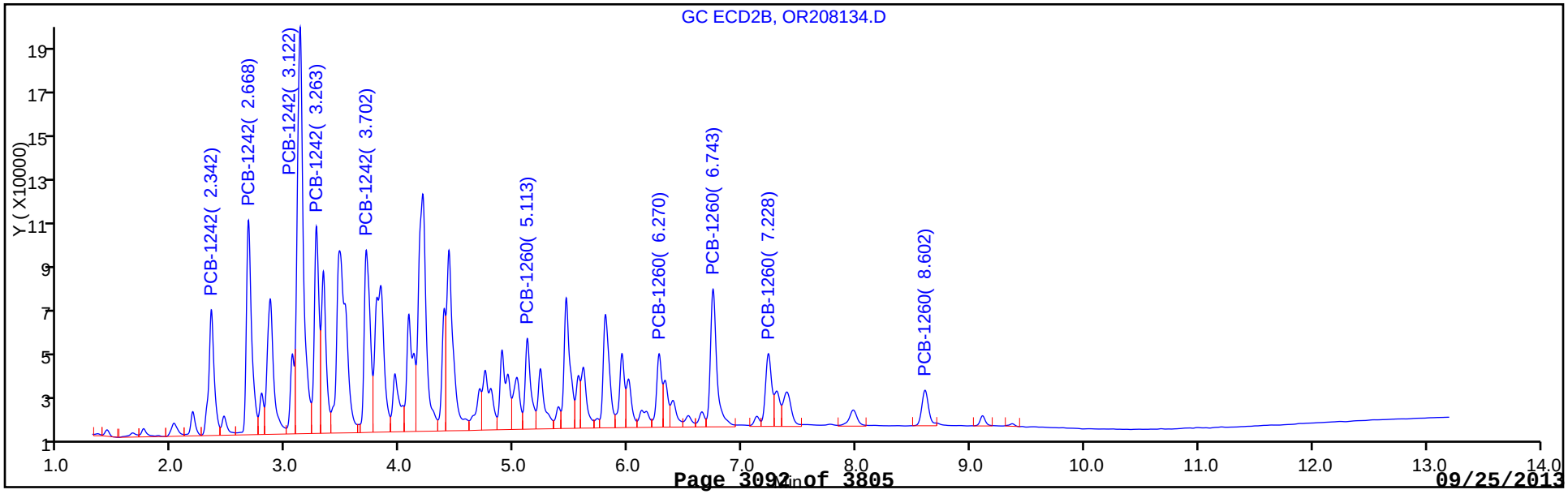
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208134.D

Injection Date:	17-Sep-2013 10:21:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-2SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



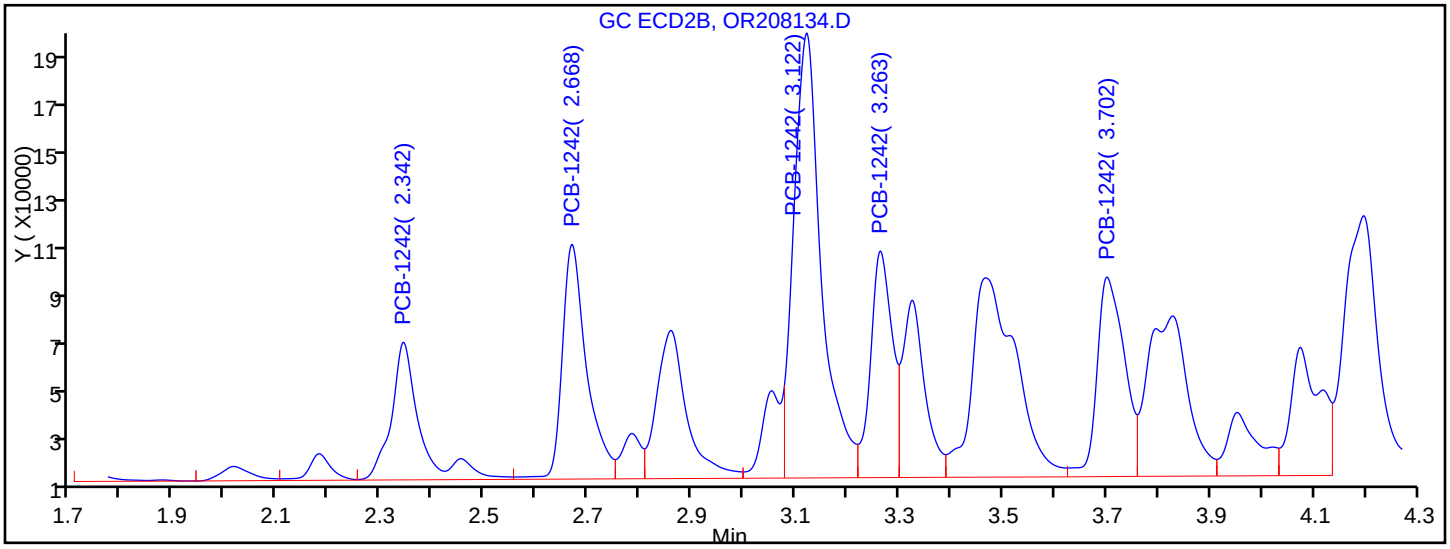
Report Date: 17-Sep-2013 13:32:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208134.D

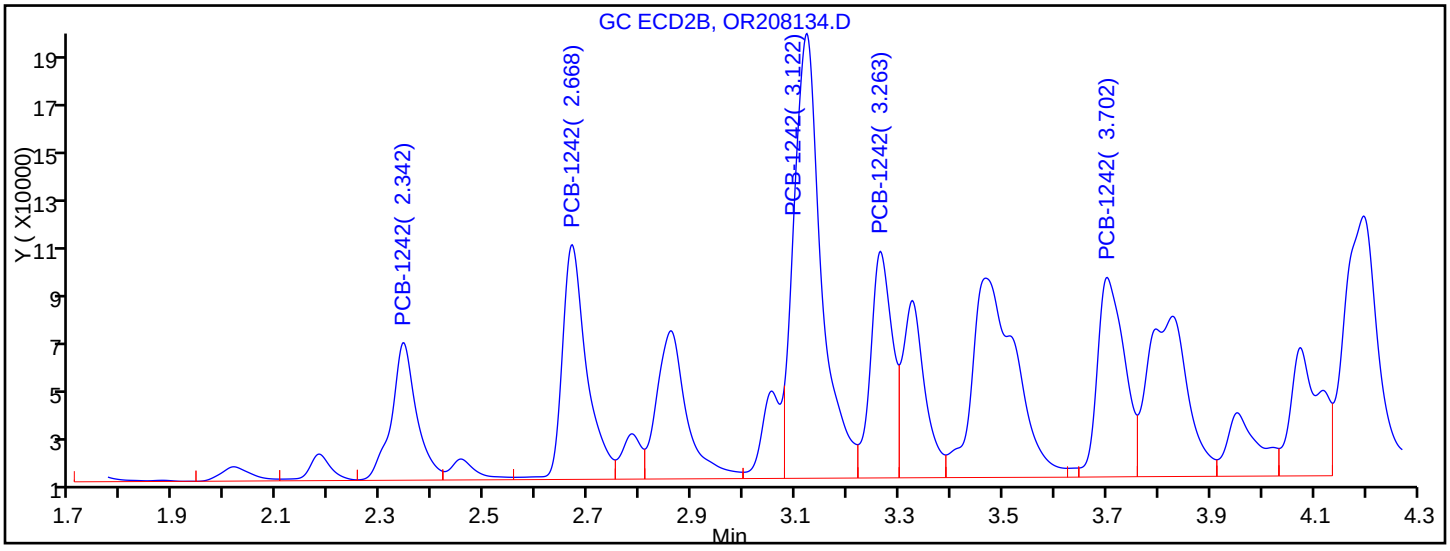
Injection Date:	17-Sep-2013 10:21:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-2SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.342	Response = 211678	M
RT = 2.668	Response = 303064	
RT = 3.122	Response = 650628	
RT = 3.263	Response = 259791	
RT = 3.702	Response = 290745	M



Manual Integration Results

RT = 2.342	Response = 182922	M
RT = 2.668	Response = 303064	
RT = 3.122	Response = 650628	
RT = 3.263	Response = 259791	
RT = 3.702	Response = 286150	M

Reviewer: patelji, 17-Sep-2013 12:16:24

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-SI | Lab Sample ID: 460-62968-33

Matrix: Solid | Lab File ID: OR208135.D

Analysis Method: 8082 | Date Collected: 09/12/2013 15:55

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.01(g) | Date Analyzed: 09/17/2013 10:37

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	13000		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\20130917-4712.b\OR208135.D
Lims ID: 460-62968-E-33-A Client ID: PMP-2SE-SI
Inject. Date: 17-Sep-2013 10:37:30 Dil. Factor: 10.0000
Sample Type: Client
Sample ID: 460-0004712-009
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 181716 Lims Sample ID: 9
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m
Last Update: 17-Sep-2013 13:32:32 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 12:17:23

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.090	3.088	0.002	226576	1542.5	M
1	3.563	3.562	0.001	468138	1623.0	M
1	4.105	4.105	0.0	870211	1644.1	M
1	4.277	4.277	0.0	381001	1690.7	M
1	5.408	5.412	-0.004	391604	1802.8	M
		Average of Peak Amounts =			1660.6	
2	2.343	2.343	0.0	292075	1349.6	
2	2.668	2.670	-0.002	486116	1487.3	
2	3.122	3.123	-0.001	1097876	1503.5	M
2	3.265	3.265	0.0	426980	1596.4	
2	3.702	3.703	-0.001	472897	1572.9	
		Average of Peak Amounts =			1501.9	
				RPD =	10.04	
10 PCB-1260						
1	0.0	6.575	-6.575	0	0	
1	6.910	6.920	-0.010	183918	427.7	
1	8.483	8.497	-0.014	158630	394.0	
1	8.998	9.007	-0.009	273483	403.4	
1	10.178	10.185	-0.007	60361	380.3	
		Average of Peak Amounts =			401.4	
2	5.113	5.118	-0.005	210819	486.7	
2	6.270	6.277	-0.007	161146	397.5	
2	6.743	6.752	-0.009	379928	393.9	
2	7.228	7.238	-0.010	194099	390.7	
2	8.603	8.613	-0.010	106052	349.7	
		Average of Peak Amounts =			403.7	
				RPD =	0.58	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags

QC Flag Legend

Review Flags
M - Manually Integrated

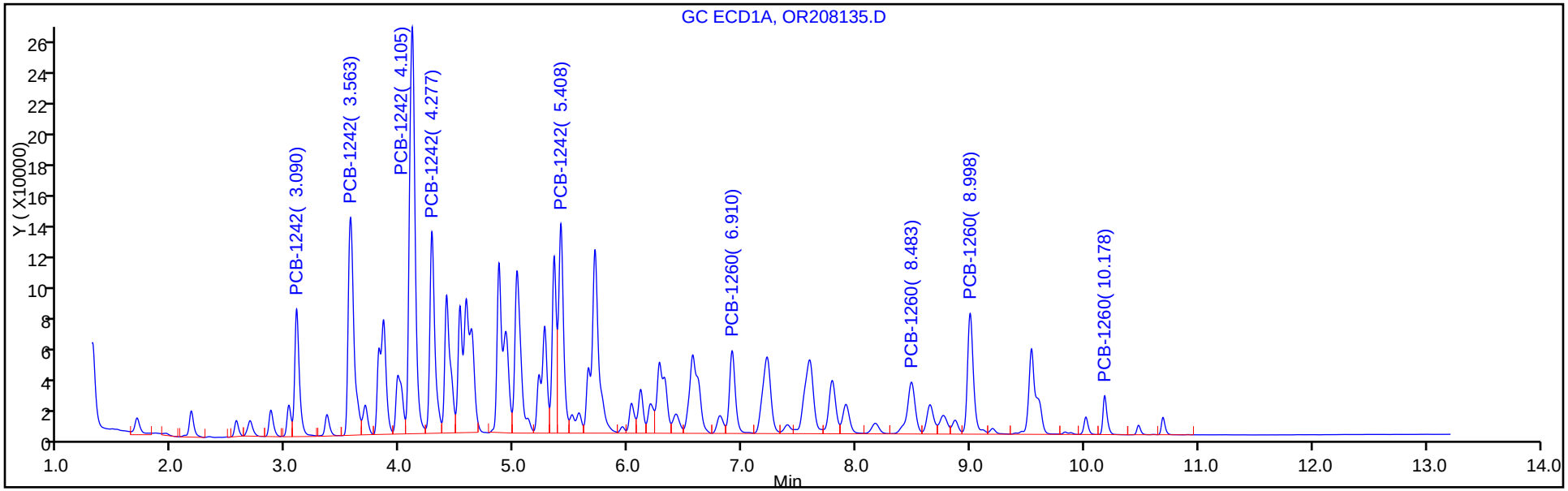
Report Date: 17-Sep-2013 13:32:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

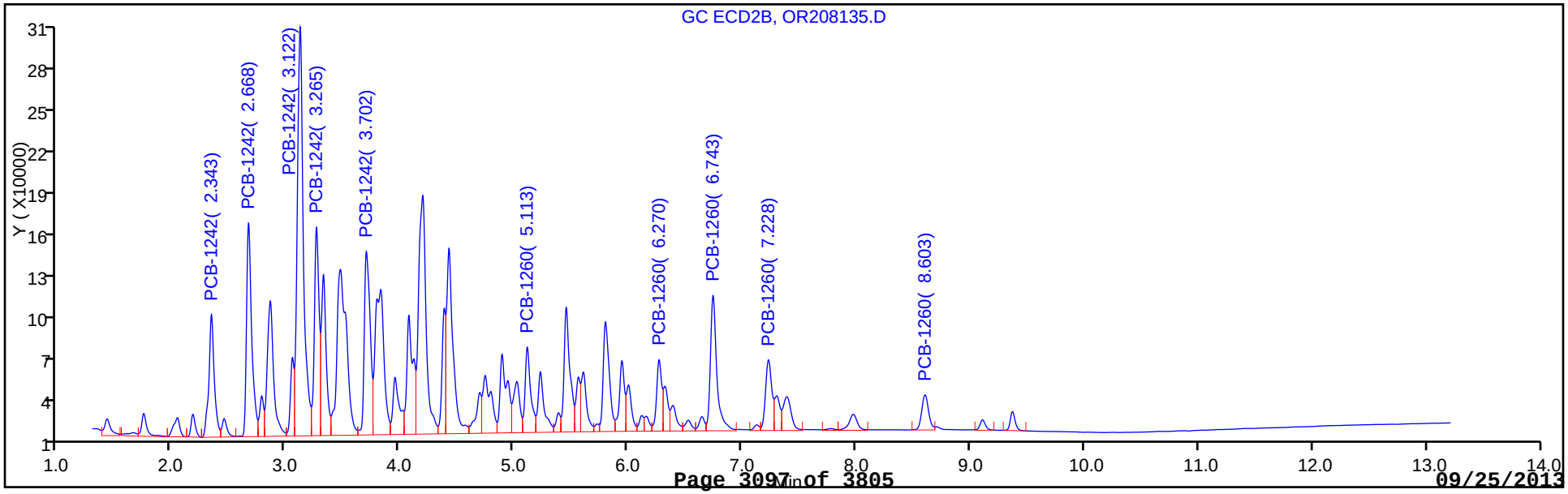
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208135.D

Injection Date:	17-Sep-2013 10:37:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-2SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



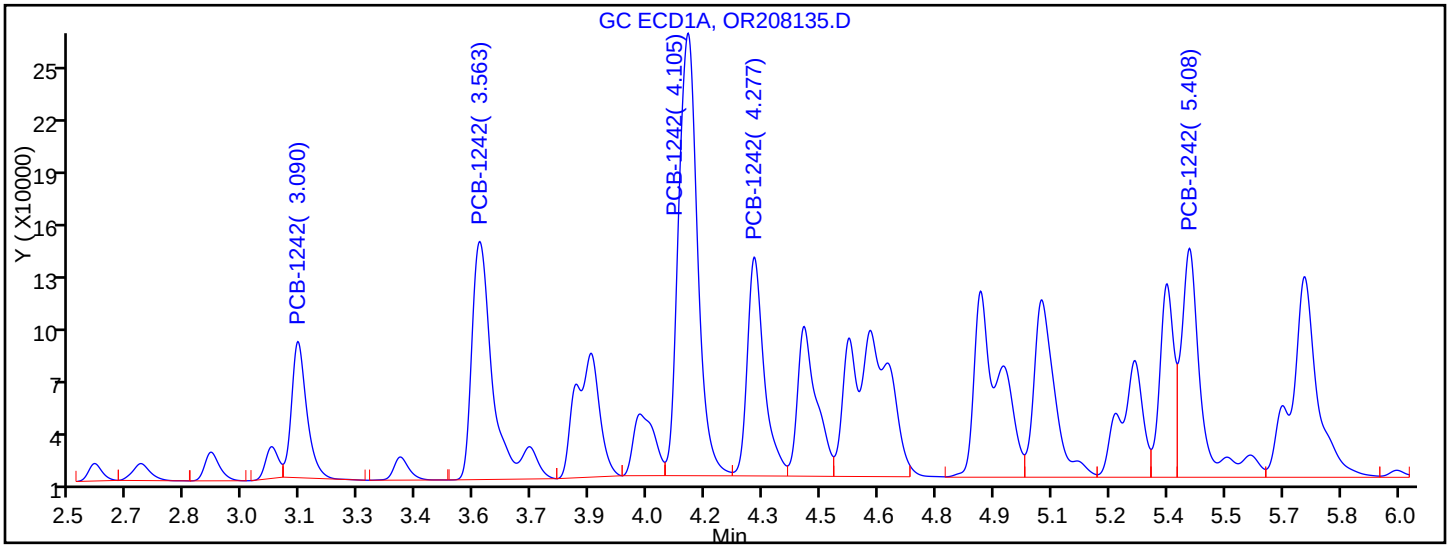
Report Date: 17-Sep-2013 13:32:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208135.D

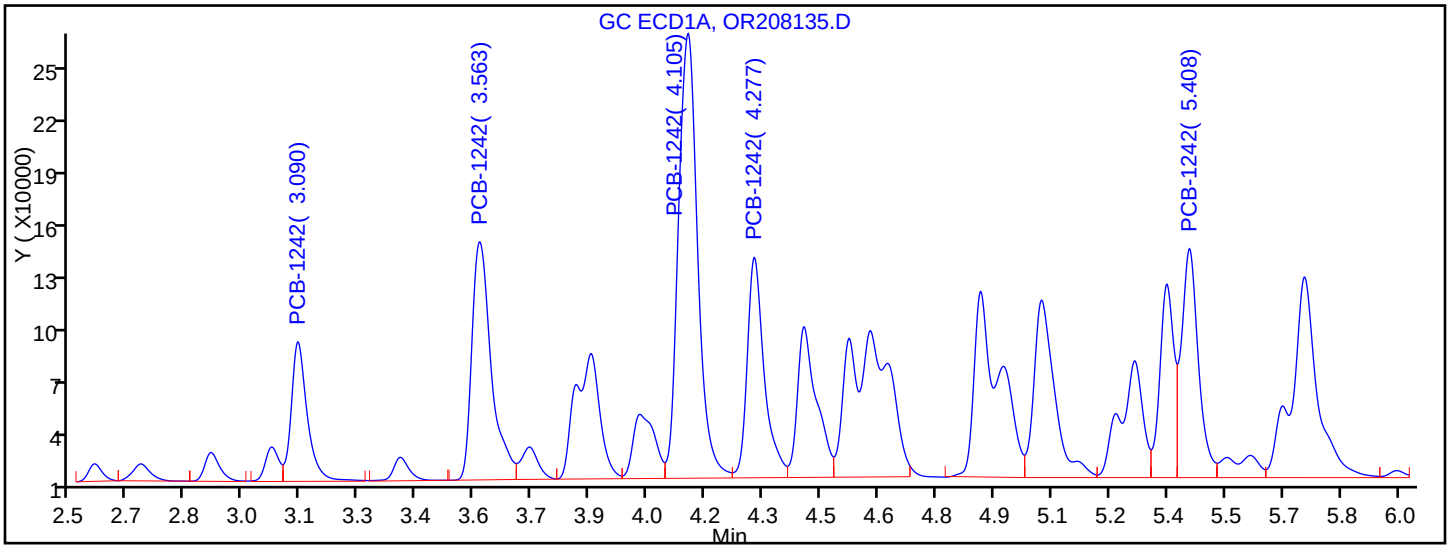
Injection Date:	17-Sep-2013 10:37:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-2SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.090	Response = 210237	M
RT = 3.563	Response = 523253	M
RT = 4.105	Response = 857821	M
RT = 4.277	Response = 373927	M
RT = 5.408	Response = 461945	M



Manual Integration Results

RT = 3.090	Response = 226576	M
RT = 3.563	Response = 468138	M
RT = 4.105	Response = 870211	M
RT = 4.277	Response = 381001	M
RT = 5.408	Response = 391604	M

Reviewer: patelji, 17-Sep-2013 12:17:23

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-SI Lab Sample ID: 460-62968-33

Matrix: Solid Lab File ID: OR208135.D

Analysis Method: 8082 Date Collected: 09/12/2013 15:55

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.01(g) Date Analyzed: 09/17/2013 10:37

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181716 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	3100		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\20130917-4712.b\OR208135.D
Lims ID: 460-62968-E-33-A Client ID: PMP-2SE-SI
Inject. Date: 17-Sep-2013 10:37:30 Dil. Factor: 10.0000
Sample Type: Client
Sample ID: 460-0004712-009
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 181716 Lims Sample ID: 9
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\8082GC7.m
Last Update: 17-Sep-2013 13:32:32 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 12:17:23

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.090	3.088	0.002	226576	1542.5	M
1	3.563	3.562	0.001	468138	1623.0	M
1	4.105	4.105	0.0	870211	1644.1	M
1	4.277	4.277	0.0	381001	1690.7	M
1	5.408	5.412	-0.004	391604	1802.8	M
		Average of Peak Amounts =			1660.6	
2	2.343	2.343	0.0	292075	1349.6	
2	2.668	2.670	-0.002	486116	1487.3	
2	3.122	3.123	-0.001	1097876	1503.5	M
2	3.265	3.265	0.0	426980	1596.4	
2	3.702	3.703	-0.001	472897	1572.9	
		Average of Peak Amounts =			1501.9	
				RPD =	10.04	
10 PCB-1260						
1	0.0	6.575	-6.575	0	0	
1	6.910	6.920	-0.010	183918	427.7	
1	8.483	8.497	-0.014	158630	394.0	
1	8.998	9.007	-0.009	273483	403.4	
1	10.178	10.185	-0.007	60361	380.3	
		Average of Peak Amounts =			401.4	
2	5.113	5.118	-0.005	210819	486.7	
2	6.270	6.277	-0.007	161146	397.5	
2	6.743	6.752	-0.009	379928	393.9	
2	7.228	7.238	-0.010	194099	390.7	
2	8.603	8.613	-0.010	106052	349.7	
		Average of Peak Amounts =			403.7	
				RPD =	0.58	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags

QC Flag Legend

Review Flags
M - Manually Integrated

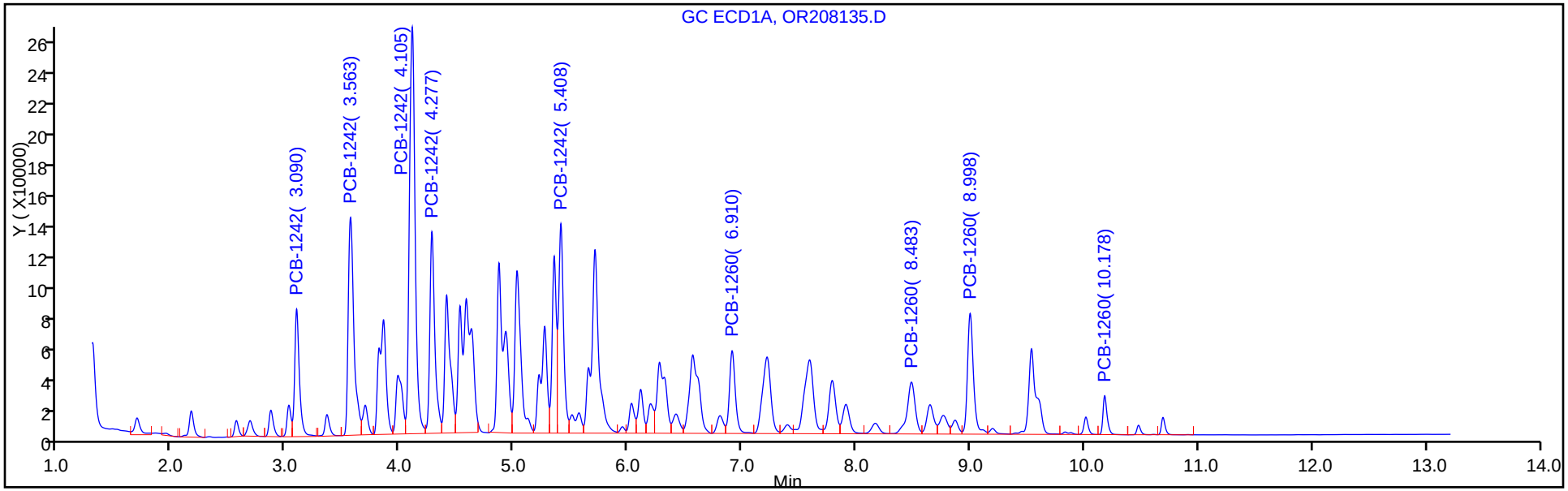
Report Date: 17-Sep-2013 13:32:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

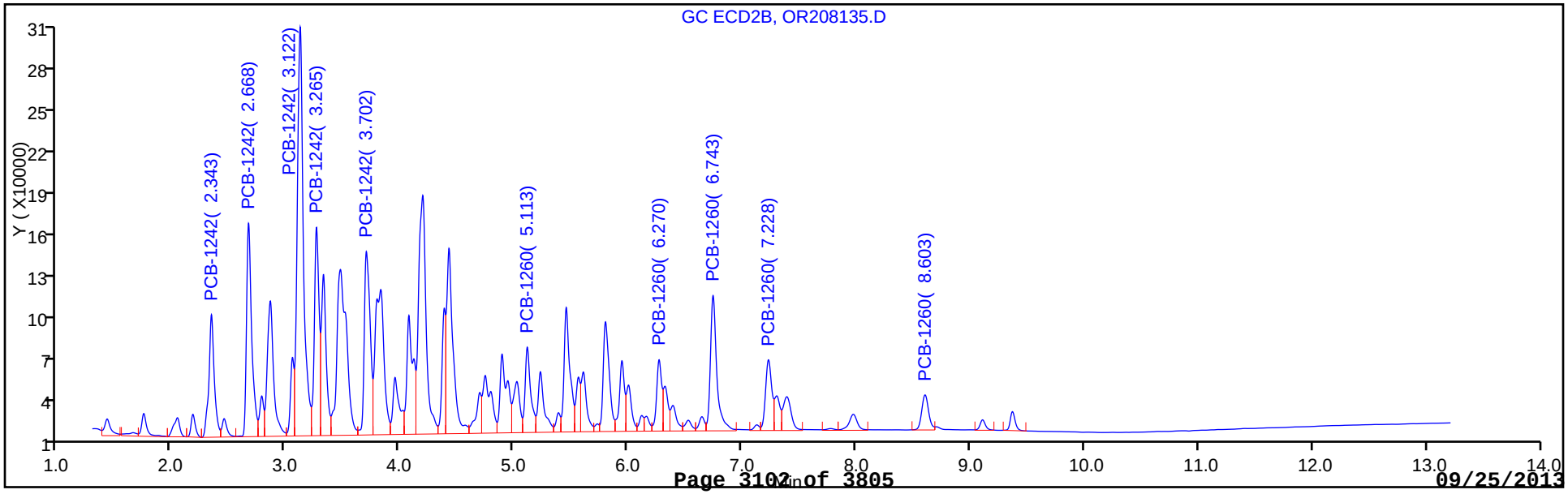
Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208135.D

Injection Date:	17-Sep-2013 10:37:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-2SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



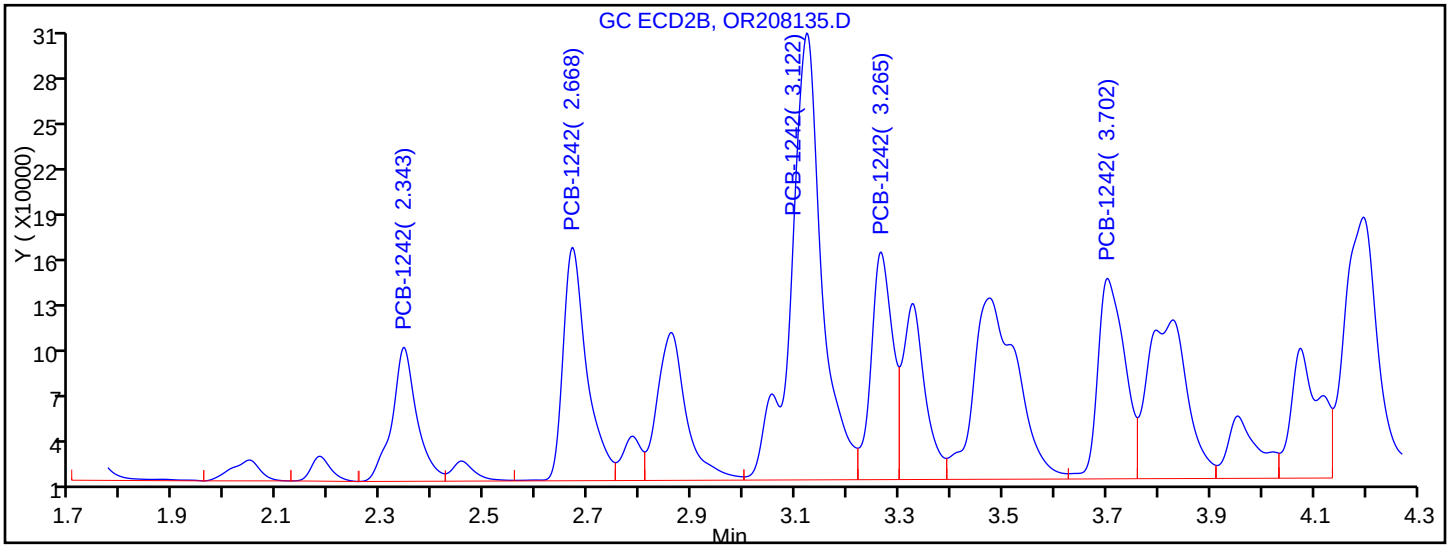
Report Date: 17-Sep-2013 13:32:44 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130917-4712.b\OR208135.D

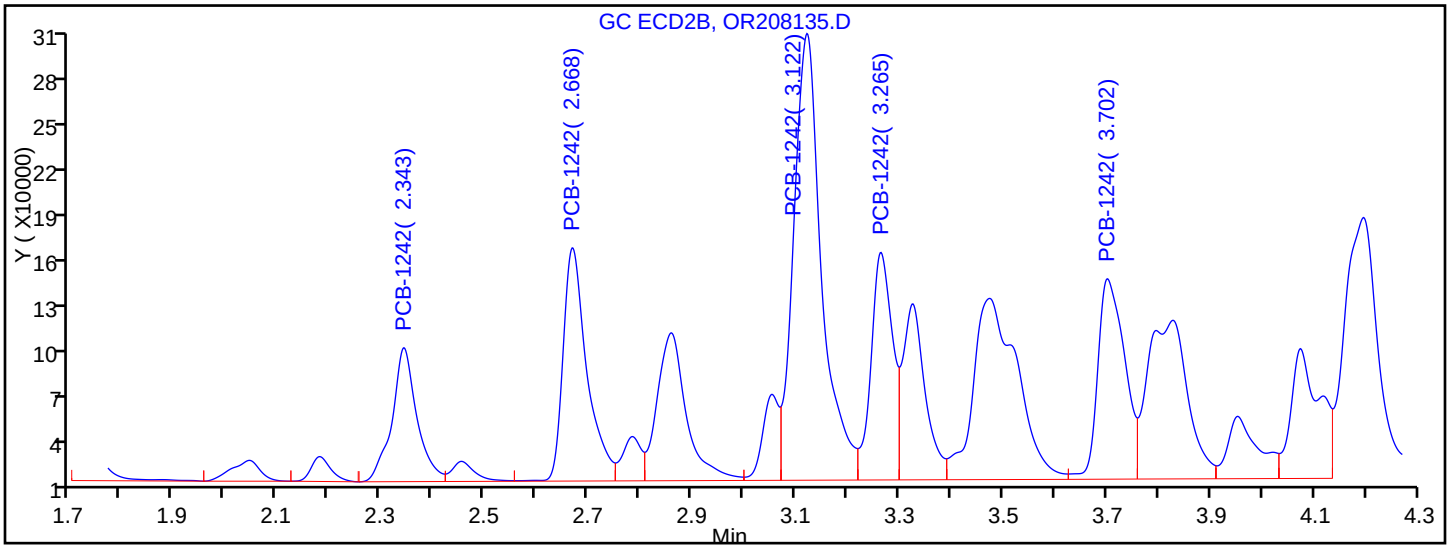
Injection Date:	17-Sep-2013 10:37:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-2SE-SI	Instrument ID:	CPESTGC7
Lims Batch ID:	181716	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.343	Response = 292075	
RT = 2.668	Response = 486116	
RT = 3.122	Response = 1222677	M
RT = 3.265	Response = 426980	
RT = 3.702	Response = 472897	



Manual Integration Results

RT = 2.343	Response = 292075	
RT = 2.668	Response = 486116	
RT = 3.122	Response = 1097876	M
RT = 3.265	Response = 426980	
RT = 3.702	Response = 472897	

Reviewer: patelji, 17-Sep-2013 12:17:23

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VS Lab Sample ID: 460-62968-34

Matrix: Solid Lab File ID: OR208117.D

Analysis Method: 8082 Date Collected: 09/12/2013 16:15

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.02(g) Date Analyzed: 09/17/2013 02:06

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.: 181607 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	320		71	16

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\20130915-4643.b\OR208117.D		
Lims ID:	460-62968-E-34-A	Client ID:	PMP-22SE-VS
Inject. Date:	17-Sep-2013 02:06:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-068		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	68
Lims Batch ID:	181607	Lims Sample ID:	68
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:35:08	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 11:27:34

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.088	3.088	0.0	63935	435.2	
1	3.562	3.562	0.0	127442	441.8	M
1	4.103	4.105	-0.002	272946	515.7	
1	4.275	4.277	-0.002	106916	474.4	
1	5.408	5.412	-0.004	96228	443.0	M
		Average of Peak Amounts =			462.0	
2	2.340	2.343	-0.003	82216	379.9	
2	2.667	2.670	-0.003	138388	423.4	
2	3.120	3.123	-0.003	387885	531.2	
2	3.262	3.265	-0.003	114120	426.7	M
2	3.700	3.703	-0.003	126743	421.5	
		Average of Peak Amounts =			436.5	
				RPD =	5.68	
$ 5 DCB Decachlorobiphenyl						
1	10.703	10.710	-0.007	187667	48.1	
2	9.368	9.377	-0.009	323791	45.9	
				RPD =	4.71	

QC Flag Legend

Review Flags
M - Manually Integrated

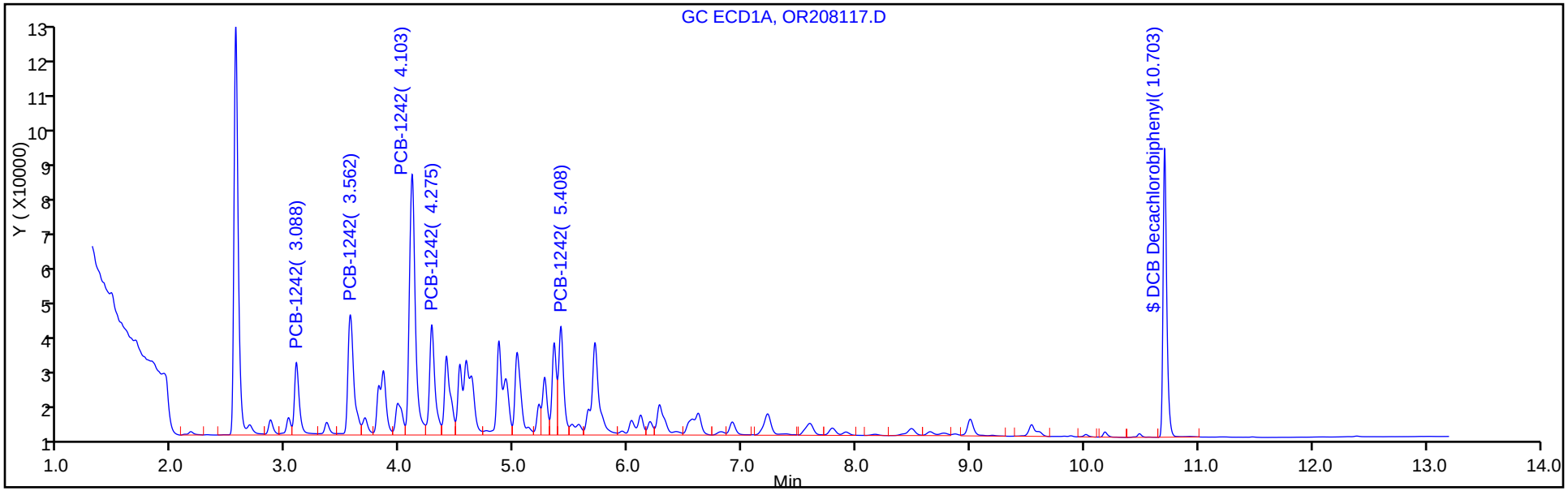
Report Date: 17-Sep-2013 11:35:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

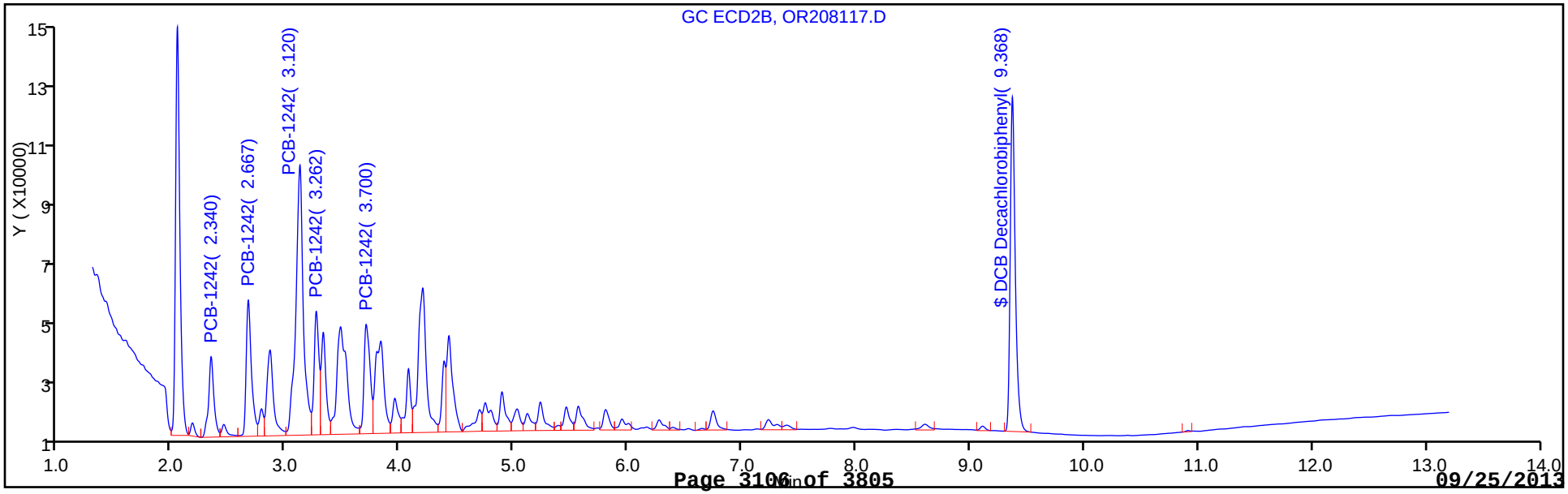
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208117.D

Injection Date:	17-Sep-2013 02:06:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-22SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	68
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



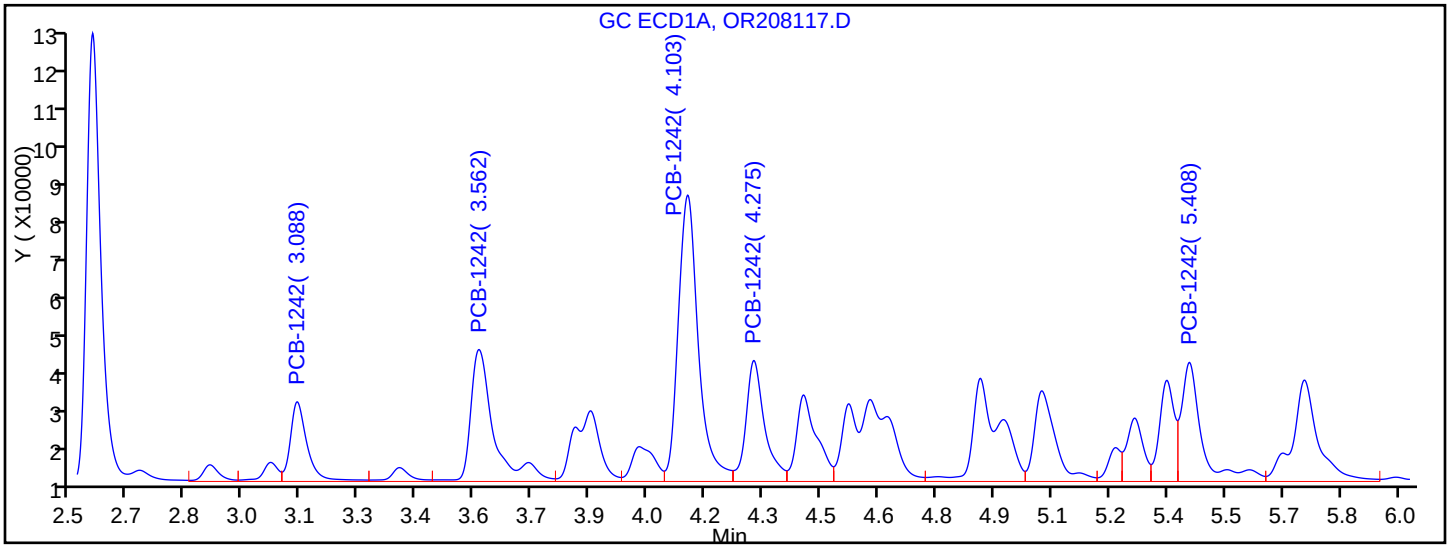
Report Date: 17-Sep-2013 11:35:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208117.D

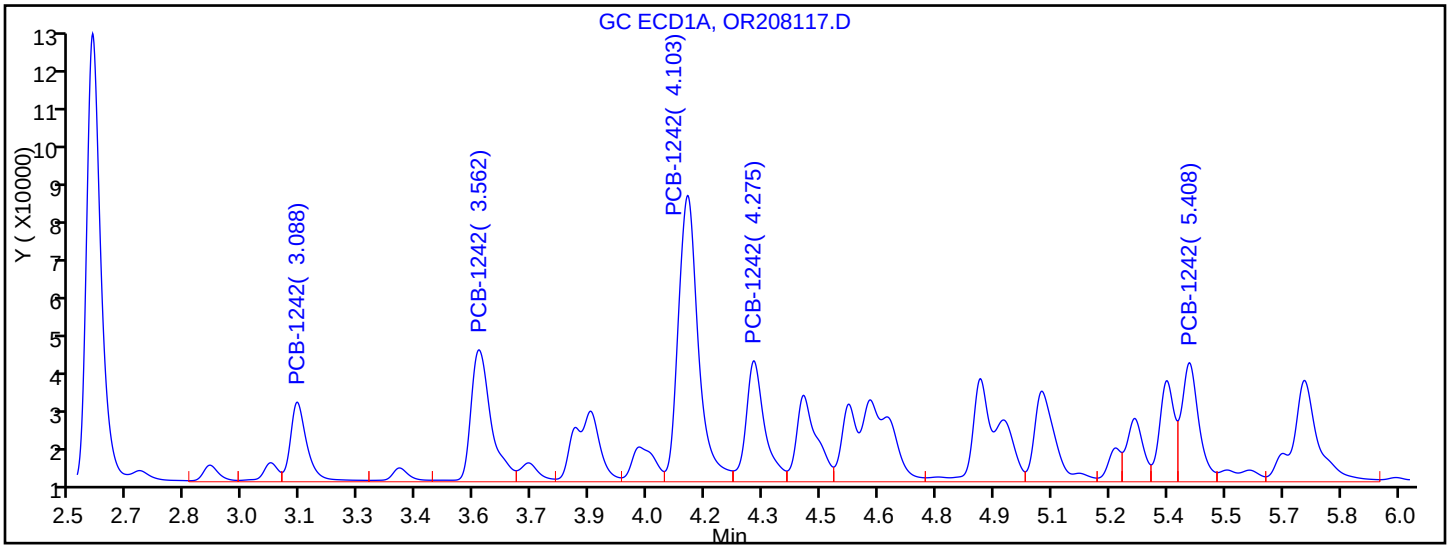
Injection Date:	17-Sep-2013 02:06:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-22SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	68
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.088	Response = 63935	
RT = 3.562	Response = 144186	M
RT = 4.103	Response = 272946	
RT = 4.275	Response = 106916	
RT = 5.408	Response = 115352	M



Manual Integration Results

RT = 3.088	Response = 63935	
RT = 3.562	Response = 127442	M
RT = 4.103	Response = 272946	
RT = 4.275	Response = 106916	
RT = 5.408	Response = 96228	M

Reviewer: patelji, 17-Sep-2013 11:27:34

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VS Lab Sample ID: 460-62968-34

Matrix: Solid Lab File ID: OR208117.D

Analysis Method: 8082 Date Collected: 09/12/2013 16:15

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.02(g) Date Analyzed: 09/17/2013 02:06

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.: 181607 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
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\20130915-4643.b\OR208117.D		
Lims ID:	460-62968-E-34-A	Client ID:	PMP-22SE-VS
Inject. Date:	17-Sep-2013 02:06:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-068		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	68
Lims Batch ID:	181607	Lims Sample ID:	68
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:35:08	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 11:27:34

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.088	3.088	0.0	63935	435.2	
1	3.562	3.562	0.0	127442	441.8	M
1	4.103	4.105	-0.002	272946	515.7	
1	4.275	4.277	-0.002	106916	474.4	
1	5.408	5.412	-0.004	96228	443.0	M
		Average of Peak Amounts =			462.0	
2	2.340	2.343	-0.003	82216	379.9	
2	2.667	2.670	-0.003	138388	423.4	
2	3.120	3.123	-0.003	387885	531.2	
2	3.262	3.265	-0.003	114120	426.7	M
2	3.700	3.703	-0.003	126743	421.5	
		Average of Peak Amounts =			436.5	
					RPD = 5.68	
$ 5 DCB Decachlorobiphenyl						
1	10.703	10.710	-0.007	187667	48.1	
2	9.368	9.377	-0.009	323791	45.9	
					RPD = 4.71	

QC Flag Legend

Review Flags
M - Manually Integrated

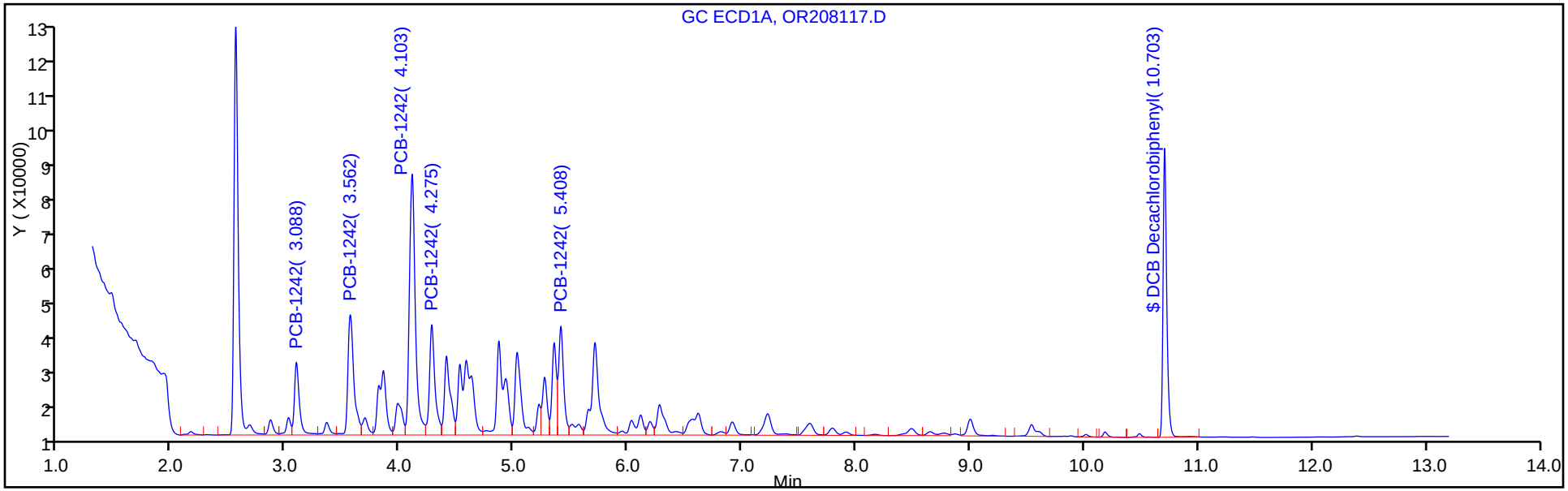
Report Date: 17-Sep-2013 11:35:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

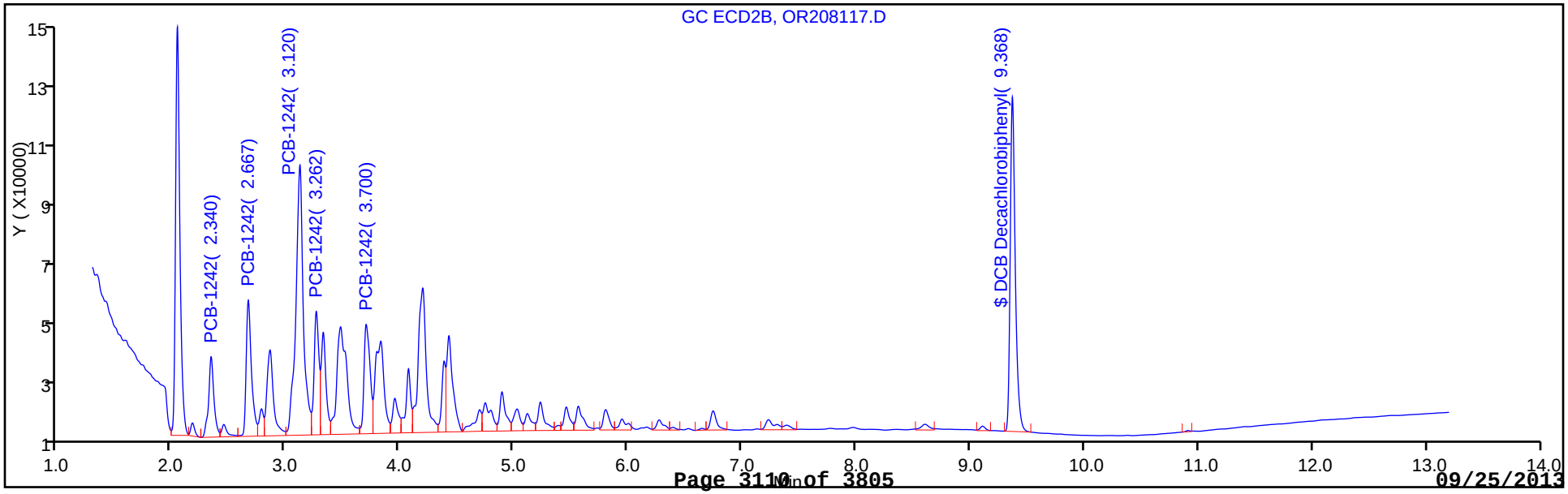
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208117.D

Injection Date:	17-Sep-2013 02:06:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-22SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	68
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



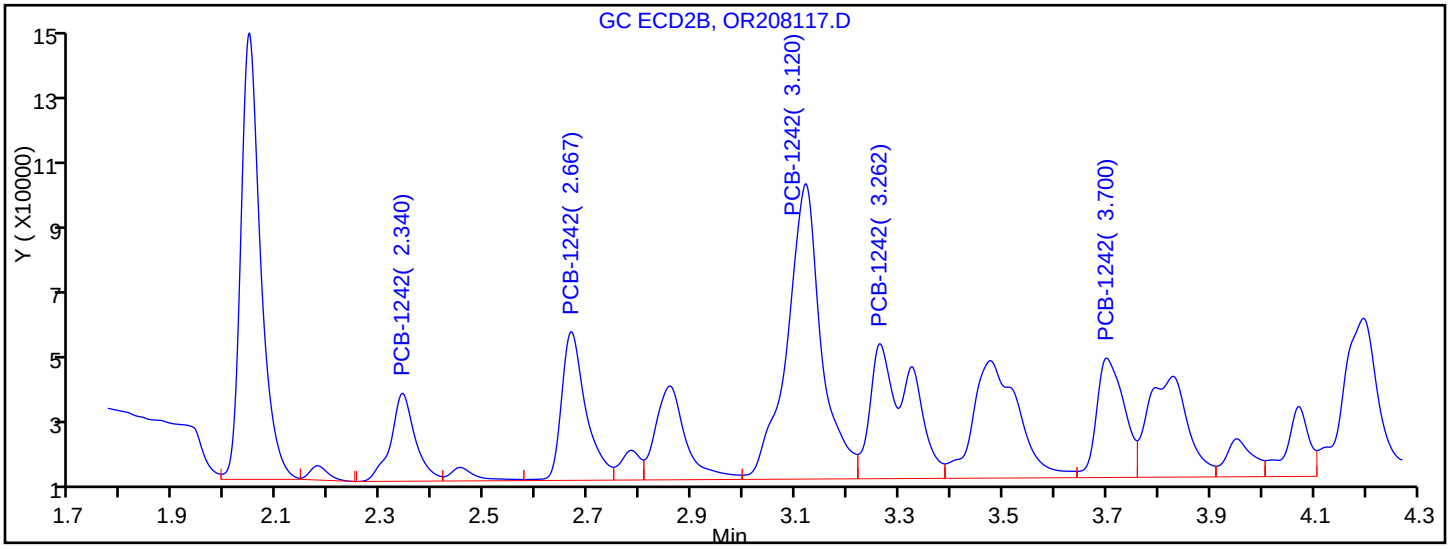
Report Date: 17-Sep-2013 11:35:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208117.D

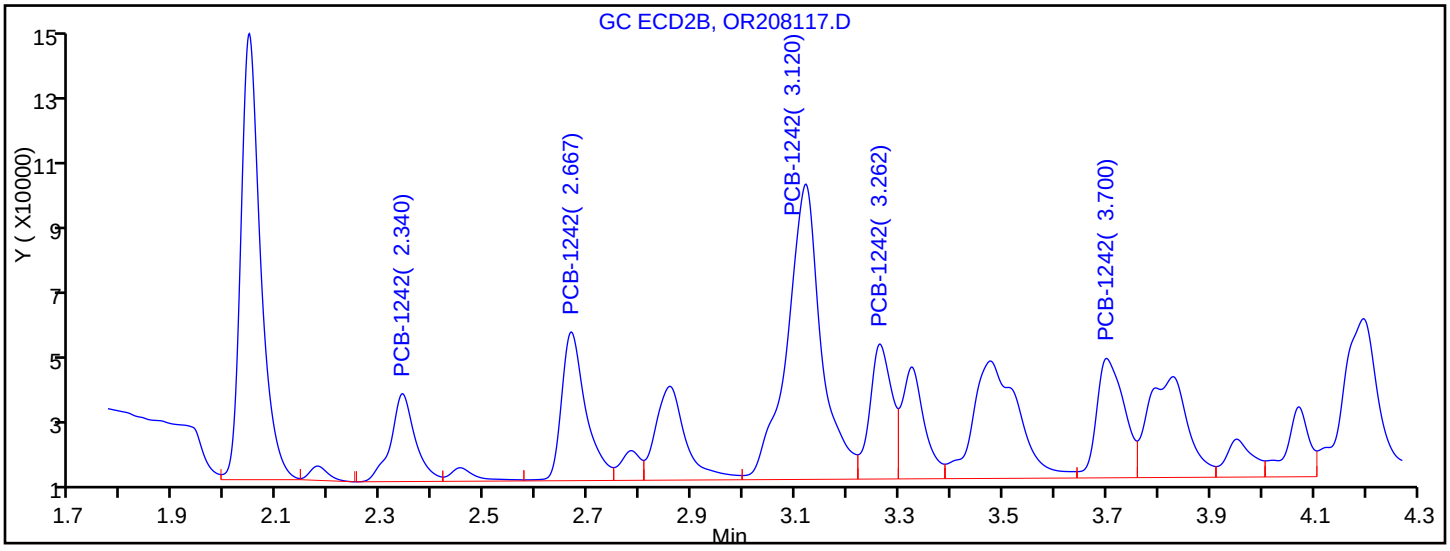
Injection Date:	17-Sep-2013 02:06:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-22SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	68
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.340	Response = 82216	
RT = 2.667	Response = 138388	
RT = 3.120	Response = 387885	
RT = 3.262	Response = 209425	M
RT = 3.700	Response = 126743	



Manual Integration Results

RT = 2.340	Response = 82216	
RT = 2.667	Response = 138388	
RT = 3.120	Response = 387885	
RT = 3.262	Response = 114120	M
RT = 3.700	Response = 126743	

Reviewer: patelji, 17-Sep-2013 11:27:34

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VD | Lab Sample ID: 460-62968-35

Matrix: Solid | Lab File ID: OR208118.D

Analysis Method: 8082 | Date Collected: 09/12/2013 16:20

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.02(g) | Date Analyzed: 09/17/2013 02:22

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.: 181607 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	220		69	16

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\20130915-4643.b\OR208118.D		
Lims ID:	460-62968-E-35-A	Client ID:	PMP-22SE-VD
Inject. Date:	17-Sep-2013 02:22:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-069		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	69
Lims Batch ID:	181607	Lims Sample ID:	69
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:35:08	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 11:28:21

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.085	3.088	-0.003	41923	285.4	
1	3.557	3.562	-0.005	81260	281.7	
1	4.102	4.105	-0.003	201390	380.5	
1	4.272	4.277	-0.005	80214	356.0	
1	5.405	5.412	-0.007	57481	264.6	M
		Average of Peak Amounts =			313.6	
2	2.342	2.343	-0.001	52125	240.9	
2	2.667	2.670	-0.003	88896	272.0	
2	3.118	3.123	-0.005	268789	368.1	
2	3.263	3.265	-0.002	79395	296.8	M
2	3.700	3.703	-0.003	76717	255.2	
		Average of Peak Amounts =			286.6	
					RPD = 9.01	
$ 5 DCB Decachlorobiphenyl						
1	10.700	10.710	-0.010	194265	49.8	
2	9.368	9.377	-0.009	336531	47.7	
					RPD = 4.31	

QC Flag Legend

Review Flags
M - Manually Integrated

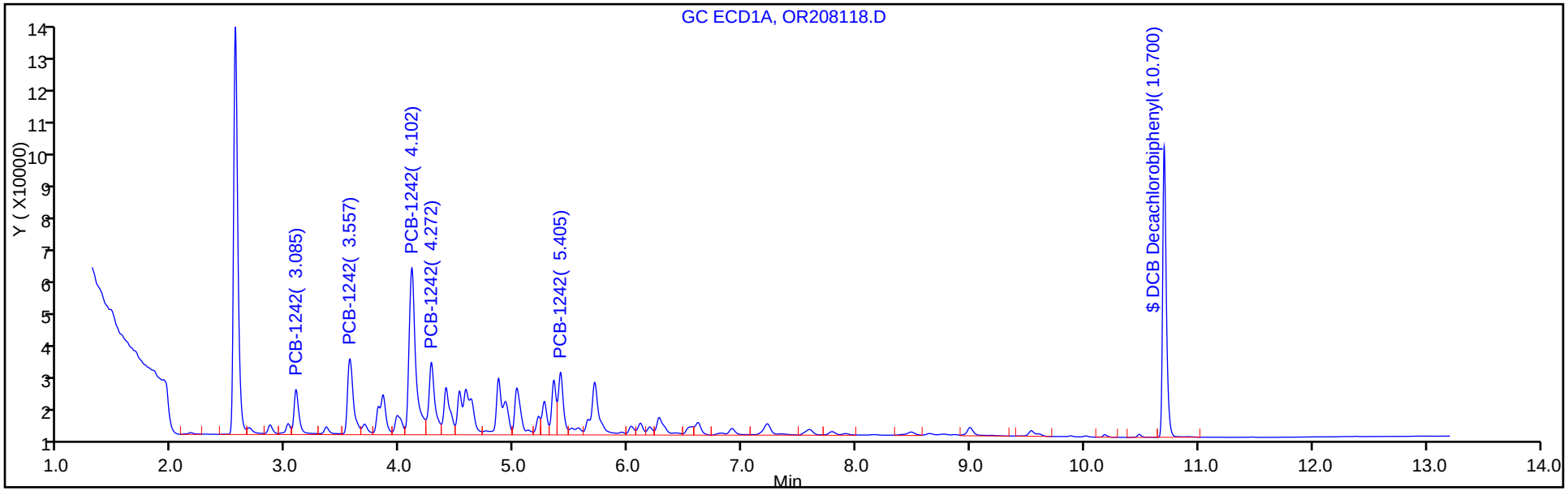
Report Date: 17-Sep-2013 11:35:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

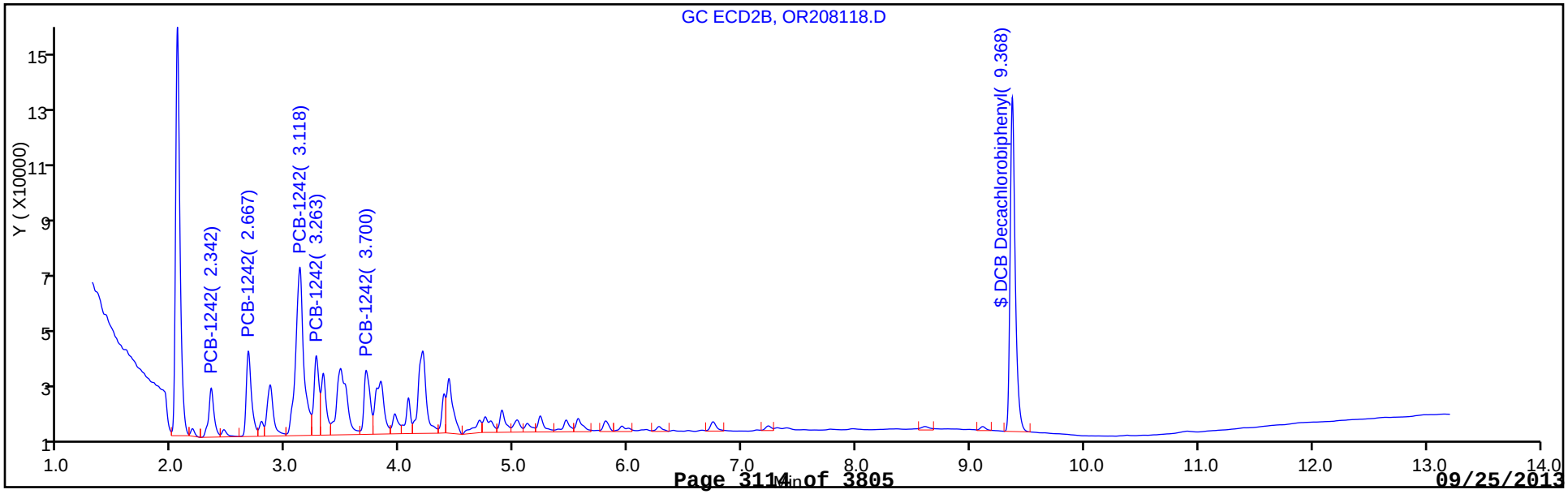
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208118.D

Injection Date:	17-Sep-2013 02:22:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-22SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	69
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



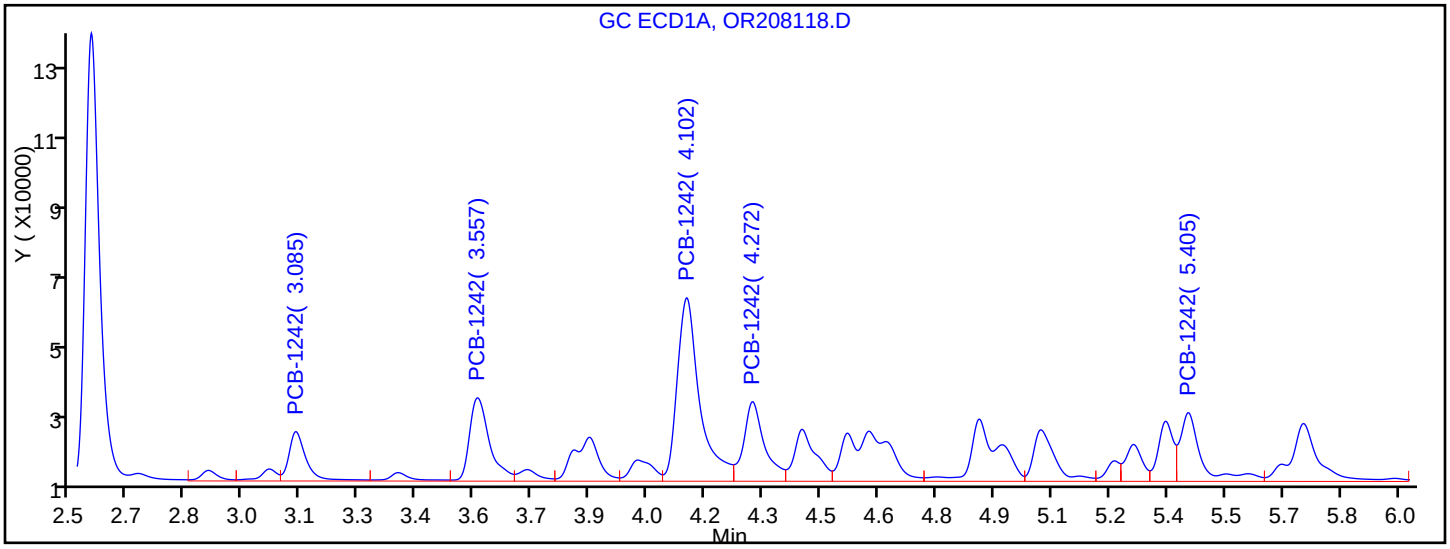
Report Date: 17-Sep-2013 11:35:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208118.D

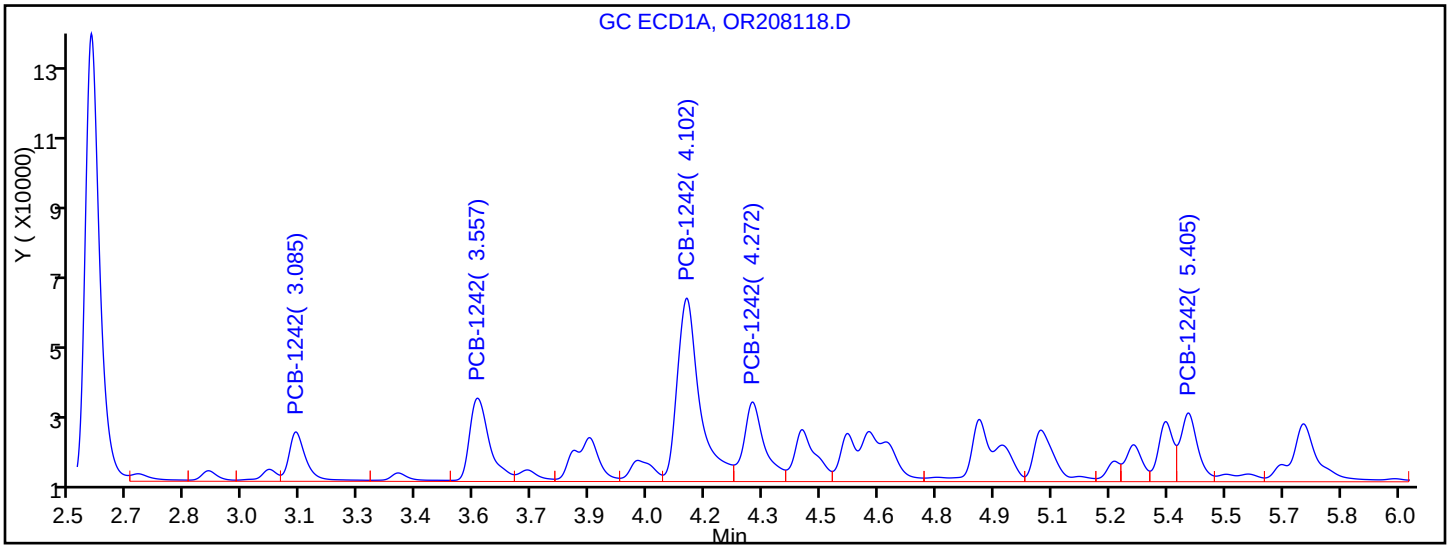
Injection Date:	17-Sep-2013 02:22:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-22SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	69
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.085	Response = 41923	
RT = 3.557	Response = 81260	
RT = 4.102	Response = 201390	
RT = 4.272	Response = 80214	
RT = 5.405	Response = 70726	M



Manual Integration Results

RT = 3.085	Response = 41923	
RT = 3.557	Response = 81260	
RT = 4.102	Response = 201390	
RT = 4.272	Response = 80214	
RT = 5.405	Response = 57481	M

Reviewer: patelji, 17-Sep-2013 11:28:21

Audit Action: Split an Integrated Peak

Audit Reason: Column bleed

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VD Lab Sample ID: 460-62968-35

Matrix: Solid Lab File ID: OR208118.D

Analysis Method: 8082 Date Collected: 09/12/2013 16:20

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.02(g) Date Analyzed: 09/17/2013 02:22

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.: 181607 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	95		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208118.D		
Lims ID:	460-62968-E-35-A	Client ID:	PMP-22SE-VD
Inject. Date:	17-Sep-2013 02:22:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-069		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	69
Lims Batch ID:	181607	Lims Sample ID:	69
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:35:08	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 11:28:21

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.085	3.088	-0.003	41923	285.4	
1	3.557	3.562	-0.005	81260	281.7	
1	4.102	4.105	-0.003	201390	380.5	
1	4.272	4.277	-0.005	80214	356.0	
1	5.405	5.412	-0.007	57481	264.6	M
		Average of Peak Amounts =			313.6	
2	2.342	2.343	-0.001	52125	240.9	
2	2.667	2.670	-0.003	88896	272.0	
2	3.118	3.123	-0.005	268789	368.1	
2	3.263	3.265	-0.002	79395	296.8	M
2	3.700	3.703	-0.003	76717	255.2	
		Average of Peak Amounts =			286.6	
					RPD = 9.01	
$ 5 DCB Decachlorobiphenyl						
1	10.700	10.710	-0.010	194265	49.8	
2	9.368	9.377	-0.009	336531	47.7	
					RPD = 4.31	

QC Flag Legend

Review Flags
M - Manually Integrated

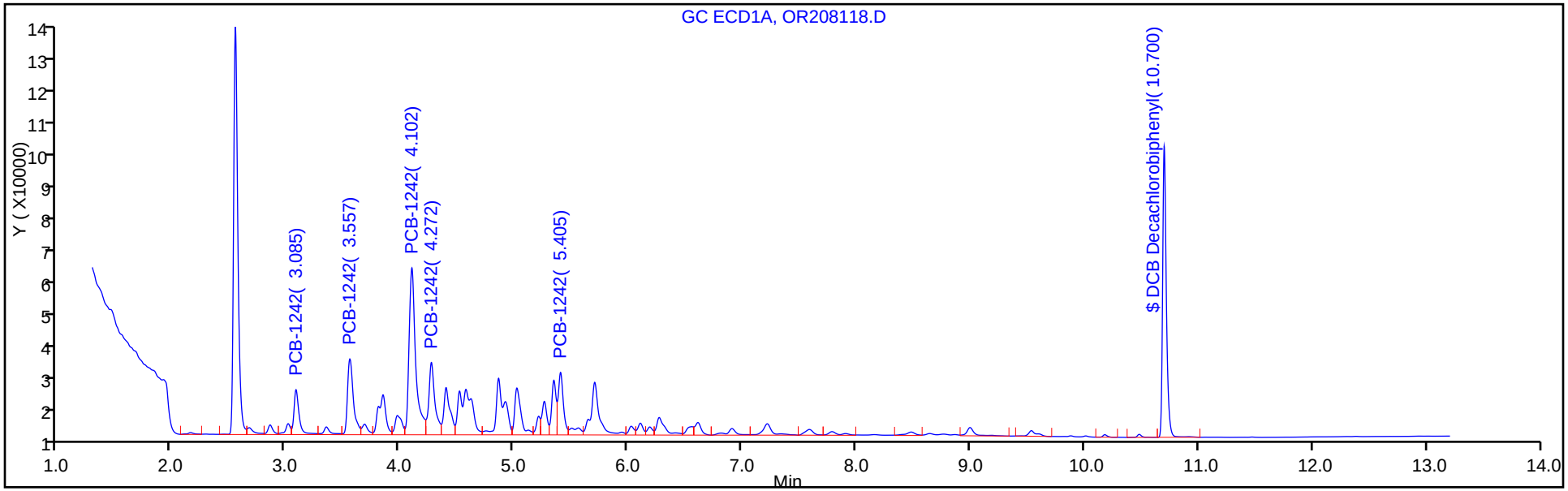
Report Date: 17-Sep-2013 11:35:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

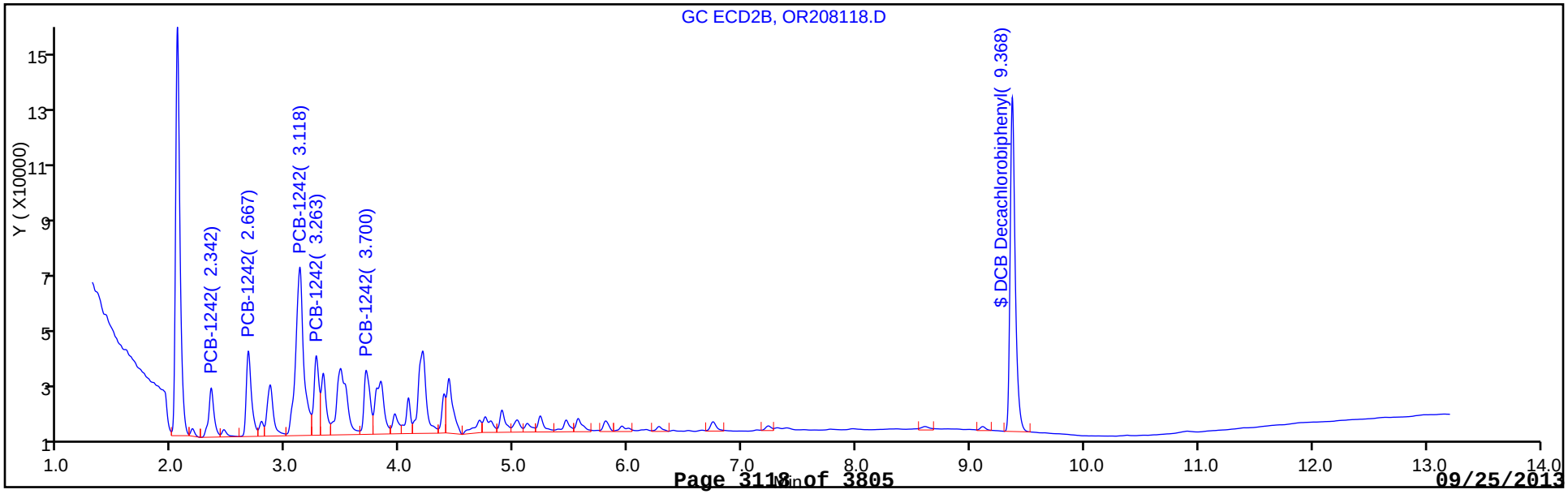
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208118.D

Injection Date:	17-Sep-2013 02:22:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-22SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	69
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



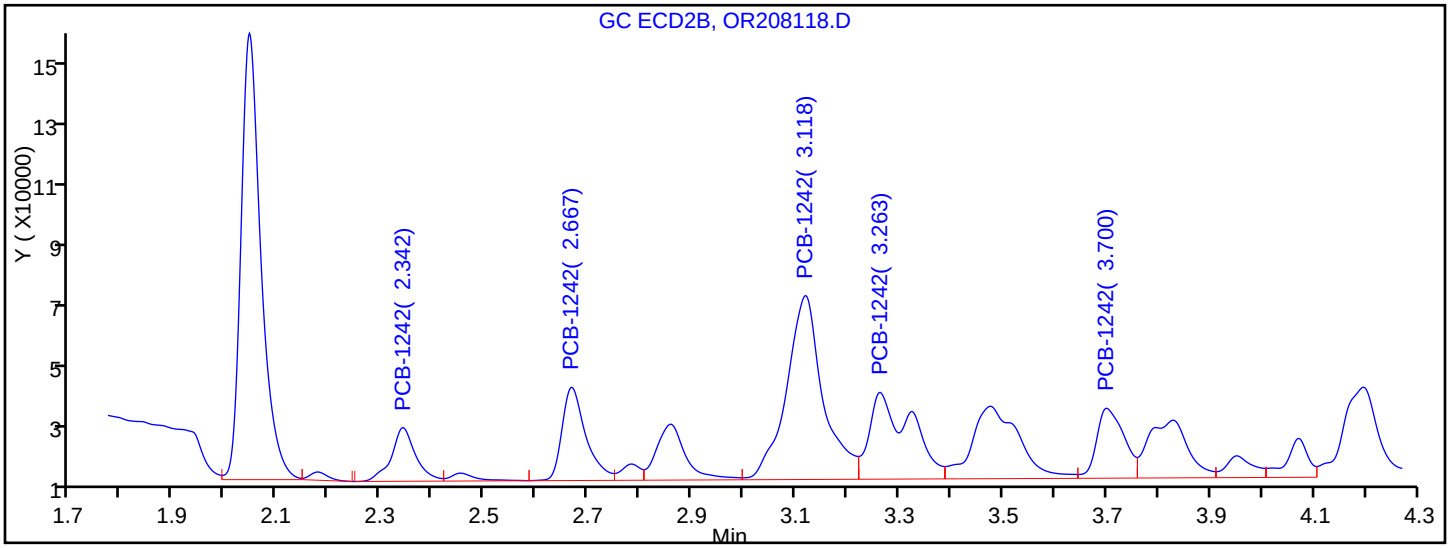
Report Date: 17-Sep-2013 11:35:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208118.D

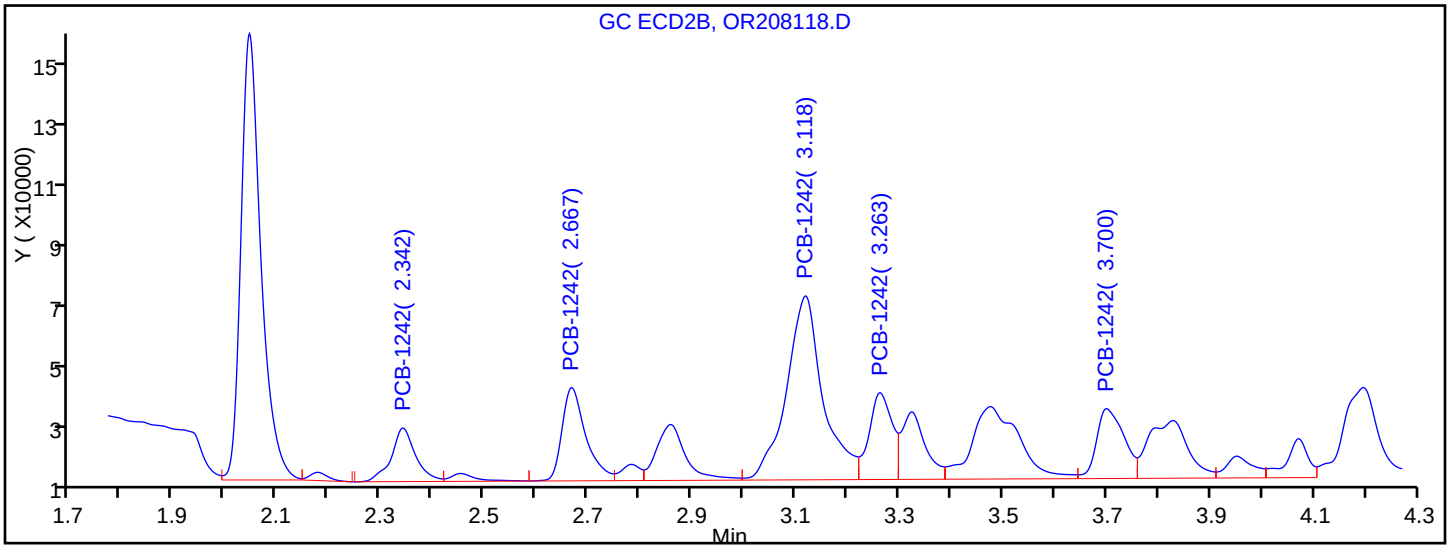
Injection Date:	17-Sep-2013 02:22:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-22SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	69
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.342	Response = 52125	
RT = 2.667	Response = 88896	
RT = 3.118	Response = 268789	
RT = 3.263	Response = 142786	M
RT = 3.700	Response = 76717	



Manual Integration Results

RT = 2.342	Response = 52125	
RT = 2.667	Response = 88896	
RT = 3.118	Response = 268789	
RT = 3.263	Response = 79395	M
RT = 3.700	Response = 76717	

Reviewer: patelji, 17-Sep-2013 11:28:21

Audit Action: Split an Integrated Peak

Audit Reason: Column bleed

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-WT Lab Sample ID: 460-62968-36

Matrix: Solid Lab File ID: OR208119.D

Analysis Method: 8082 Date Collected: 09/12/2013 16:25

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.05(g) Date Analyzed: 09/17/2013 02:39

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181607 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	350		76	17

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\20130915-4643.b\OR208119.D		
Lims ID:	460-62968-E-36-A	Client ID:	PMP-22SE-WT
Inject. Date:	17-Sep-2013 02:39:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-070		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	70
Lims Batch ID:	181607	Lims Sample ID:	70
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:35:08	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 11:28:45

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.087	3.088	-0.001	66600	453.4	
1	3.560	3.562	-0.002	128550	445.7	M
1	4.102	4.105	-0.003	268654	507.6	
1	4.275	4.277	-0.002	108530	481.6	
1	5.407	5.412	-0.005	90874	418.4	M
		Average of Peak Amounts =			461.3	
2	2.340	2.343	-0.003	88187	407.5	
2	2.667	2.670	-0.003	141541	433.0	
2	3.118	3.123	-0.005	381460	522.4	
2	3.262	3.265	-0.003	116792	436.7	M
2	3.700	3.703	-0.003	121151	402.9	
		Average of Peak Amounts =			440.5	
					RPD = 4.62	
$ 5 DCB Decachlorobiphenyl						
1	10.702	10.710	-0.008	180952	46.4	
2	9.368	9.377	-0.009	312952	44.4	
					RPD = 4.48	

QC Flag Legend

Review Flags
M - Manually Integrated

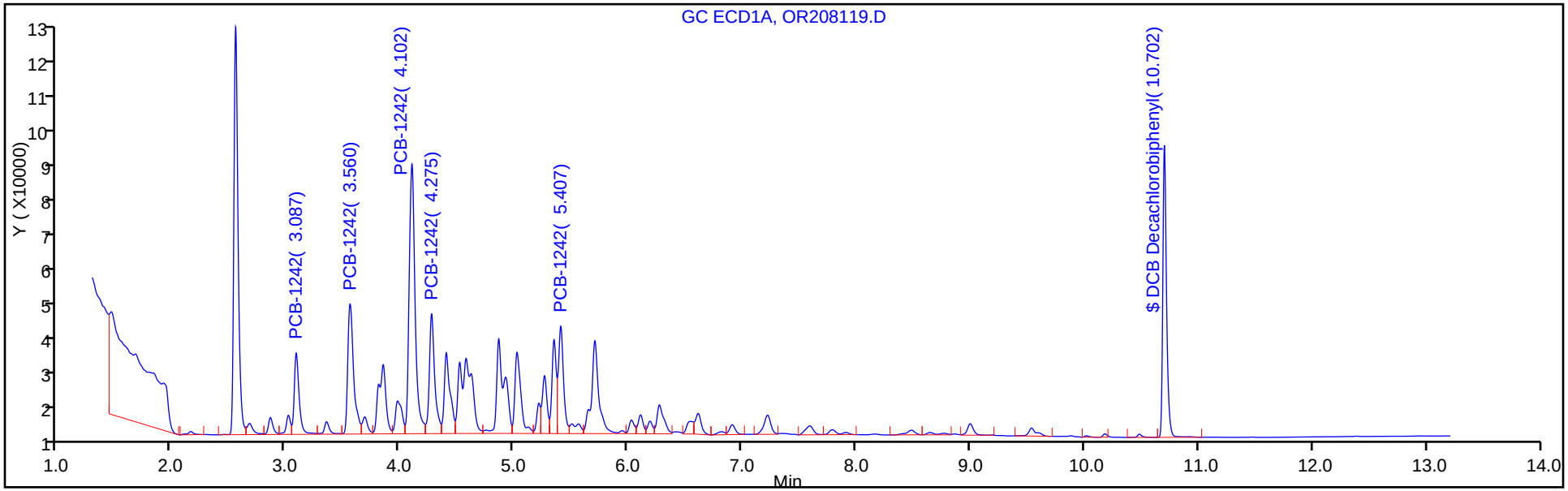
Report Date: 17-Sep-2013 11:35:48 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

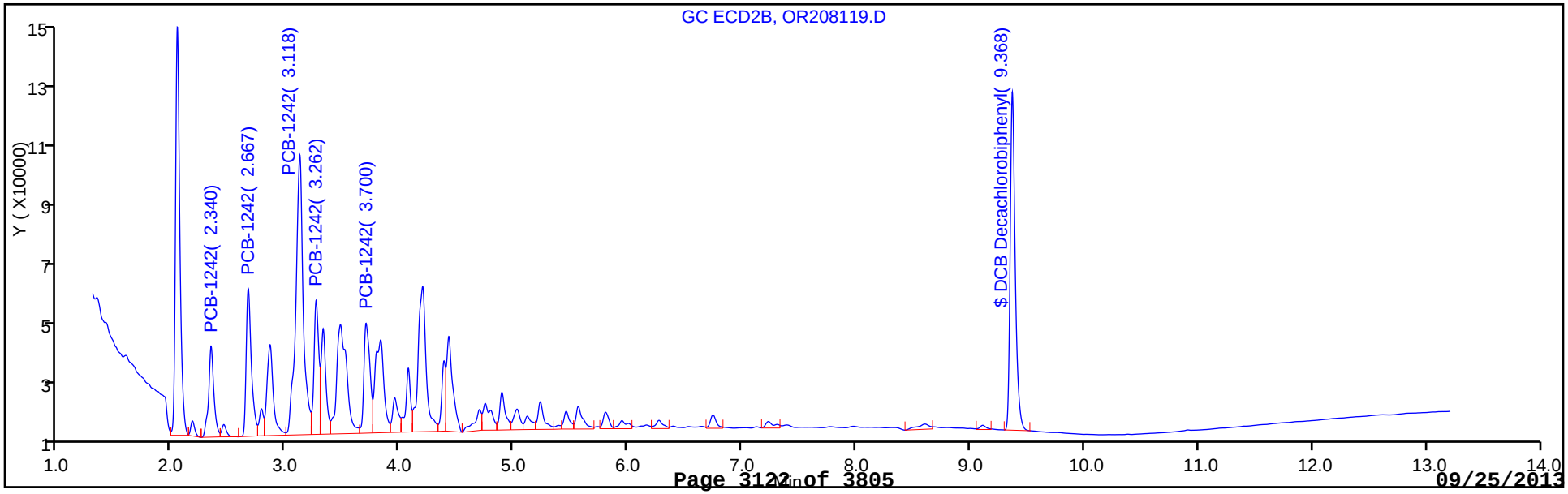
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208119.D

Injection Date:	17-Sep-2013 02:39:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-22SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	70
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



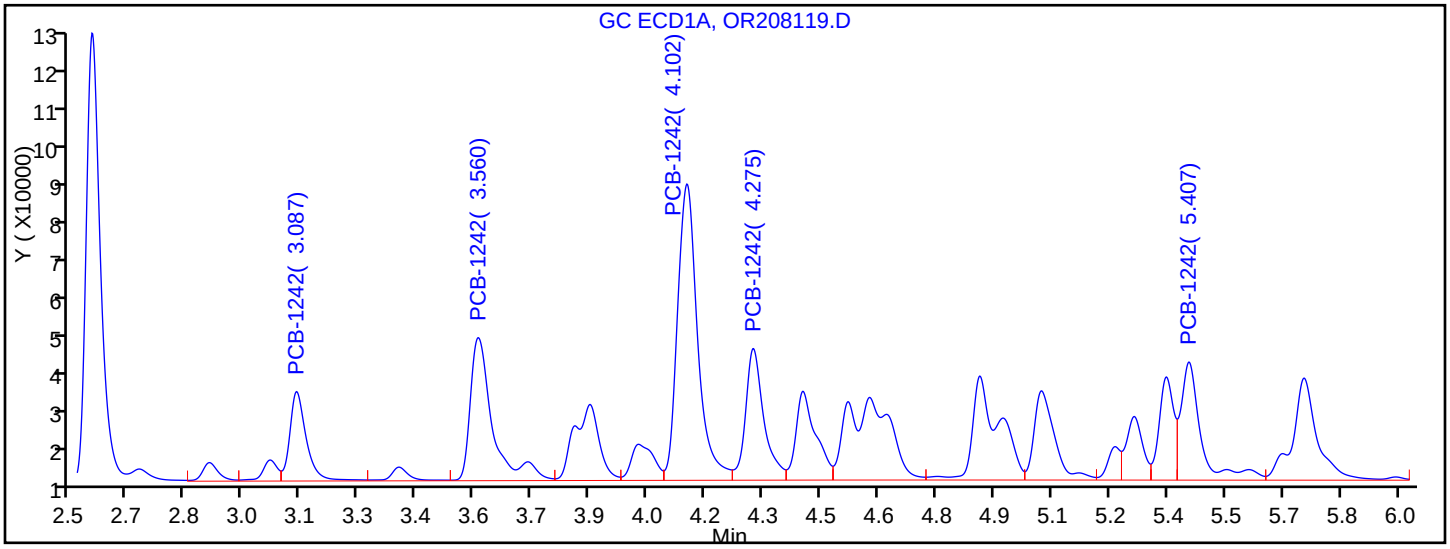
Report Date: 17-Sep-2013 11:35:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208119.D

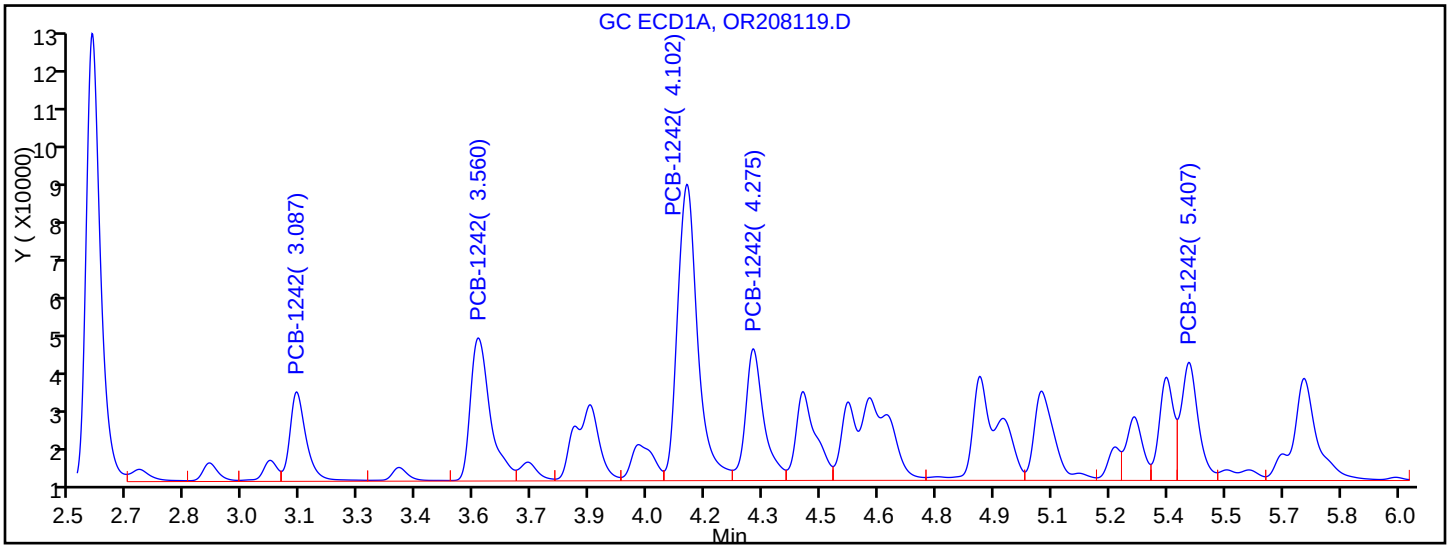
Injection Date:	17-Sep-2013 02:39:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-22SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	70
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.087	Response = 66600	
RT = 3.560	Response = 143507	M
RT = 4.102	Response = 268654	
RT = 4.275	Response = 108530	
RT = 5.407	Response = 106633	M



Manual Integration Results

RT = 3.087	Response = 66600	
RT = 3.560	Response = 128550	M
RT = 4.102	Response = 268654	
RT = 4.275	Response = 108530	
RT = 5.407	Response = 90874	M

Reviewer: patelji, 17-Sep-2013 11:28:45

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-WT Lab Sample ID: 460-62968-36

Matrix: Solid Lab File ID: OR208119.D

Analysis Method: 8082 Date Collected: 09/12/2013 16:25

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.05(g) Date Analyzed: 09/17/2013 02:39

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181607 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	89		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208119.D		
Lims ID:	460-62968-E-36-A	Client ID:	PMP-22SE-WT
Inject. Date:	17-Sep-2013 02:39:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-070		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	70
Lims Batch ID:	181607	Lims Sample ID:	70
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:35:08	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 11:28:45

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.087	3.088	-0.001	66600	453.4	
1	3.560	3.562	-0.002	128550	445.7	M
1	4.102	4.105	-0.003	268654	507.6	
1	4.275	4.277	-0.002	108530	481.6	
1	5.407	5.412	-0.005	90874	418.4	M
		Average of Peak Amounts =			461.3	
2	2.340	2.343	-0.003	88187	407.5	
2	2.667	2.670	-0.003	141541	433.0	
2	3.118	3.123	-0.005	381460	522.4	
2	3.262	3.265	-0.003	116792	436.7	M
2	3.700	3.703	-0.003	121151	402.9	
		Average of Peak Amounts =			440.5	
					RPD = 4.62	
$ 5 DCB Decachlorobiphenyl						
1	10.702	10.710	-0.008	180952	46.4	
2	9.368	9.377	-0.009	312952	44.4	
					RPD = 4.48	

QC Flag Legend

Review Flags
M - Manually Integrated

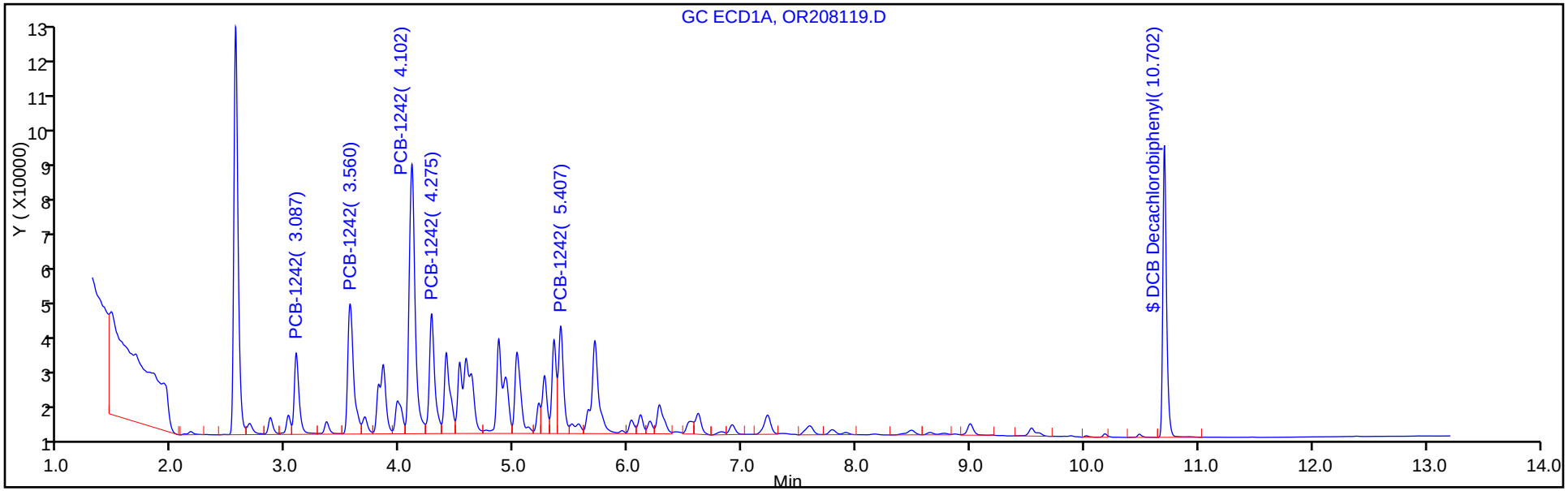
Report Date: 17-Sep-2013 11:35:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

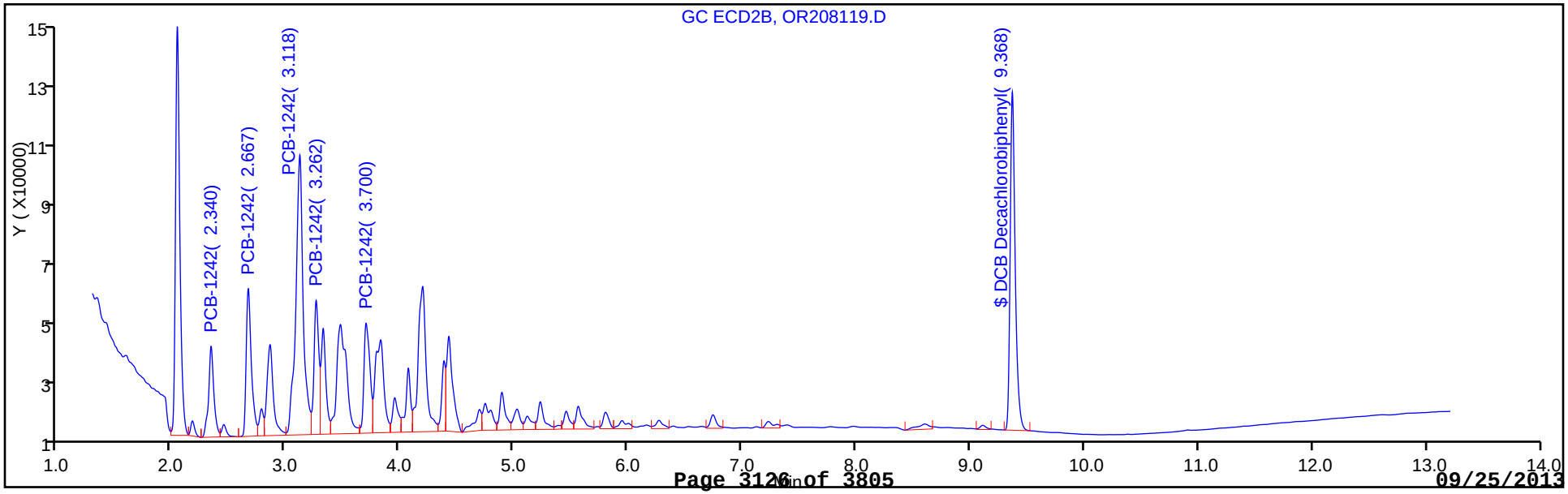
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208119.D

Injection Date:	17-Sep-2013 02:39:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-22SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	70
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



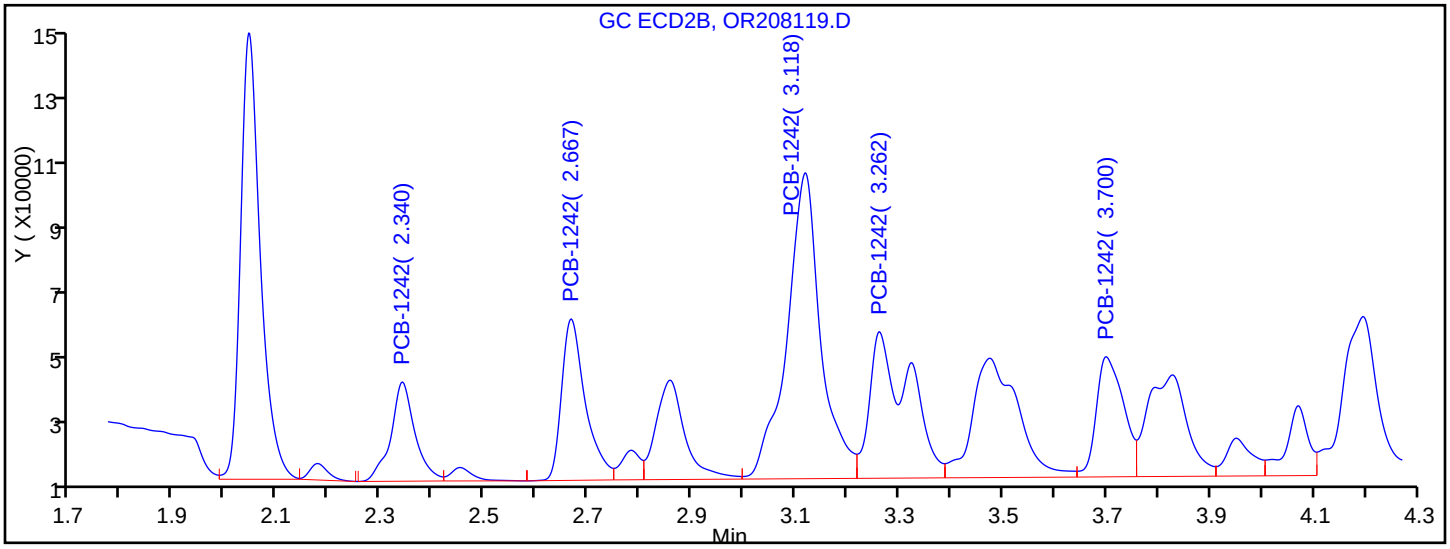
Report Date: 17-Sep-2013 11:35:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208119.D

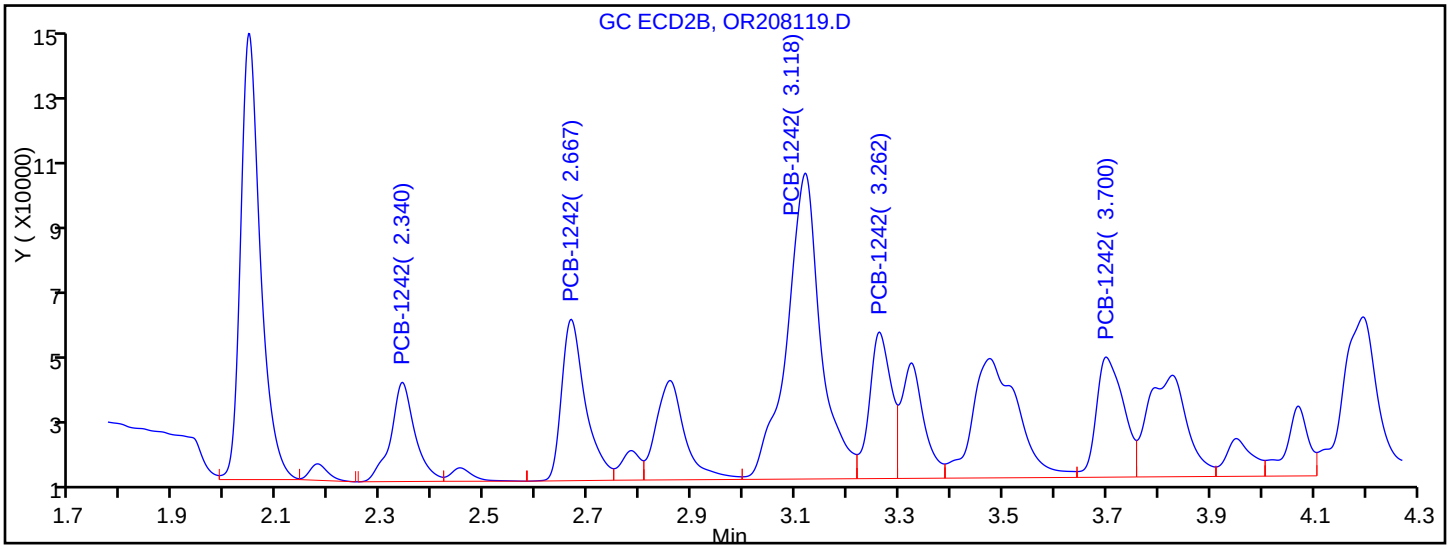
Injection Date:	17-Sep-2013 02:39:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-22SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	70
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.340	Response = 88187	
RT = 2.667	Response = 141541	
RT = 3.118	Response = 381460	
RT = 3.262	Response = 212273	M
RT = 3.700	Response = 121151	



Manual Integration Results

RT = 2.340	Response = 88187	
RT = 2.667	Response = 141541	
RT = 3.118	Response = 381460	
RT = 3.262	Response = 116792	M
RT = 3.700	Response = 121151	

Reviewer: patelji, 17-Sep-2013 11:28:45

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VS | Lab Sample ID: 460-62968-37

Matrix: Solid | Lab File ID: OR208120.D

Analysis Method: 8082 | Date Collected: 09/12/2013 16:35

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.01(g) | Date Analyzed: 09/17/2013 02:55

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.: 181607 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	180		71	16

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\20130915-4643.b\OR208120.D
Lims ID: 460-62968-E-37-A Client ID: PMP-23SE-VS
Inject. Date: 17-Sep-2013 02:55:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 460-0004643-071
Misc. Info.:
Operator: Instrument ID: CPESTGC7
Injection Vol: 1.0 ul ALS Bottle#: 71
Lims Batch ID: 181607 Lims Sample ID: 71
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m
Last Update: 17-Sep-2013 11:35:08 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 11:29:20

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.087	3.088	-0.001	29252	199.1	
1	3.558	3.562	-0.004	63551	220.3	M
1	4.102	4.105	-0.003	184608	348.8	
1	4.273	4.277	-0.004	60606	268.9	
1	5.407	5.412	-0.005	47172	217.2	M
		Average of Peak Amounts =			250.9	
2	2.343	2.343	0.0	41830	193.3	M
2	2.668	2.670	-0.002	73041	223.5	
2	3.118	3.123	-0.005	260334	356.5	
2	3.265	3.265	0.0	67359	251.8	
2	3.702	3.703	-0.001	67346	224.0	
		Average of Peak Amounts =			249.8	
					RPD = 0.42	
$ 5 DCB Decachlorobiphenyl						
1	10.702	10.710	-0.008	187034	48.0	
2	9.368	9.377	-0.009	326362	46.3	
					RPD = 3.59	

QC Flag Legend

Review Flags
M - Manually Integrated

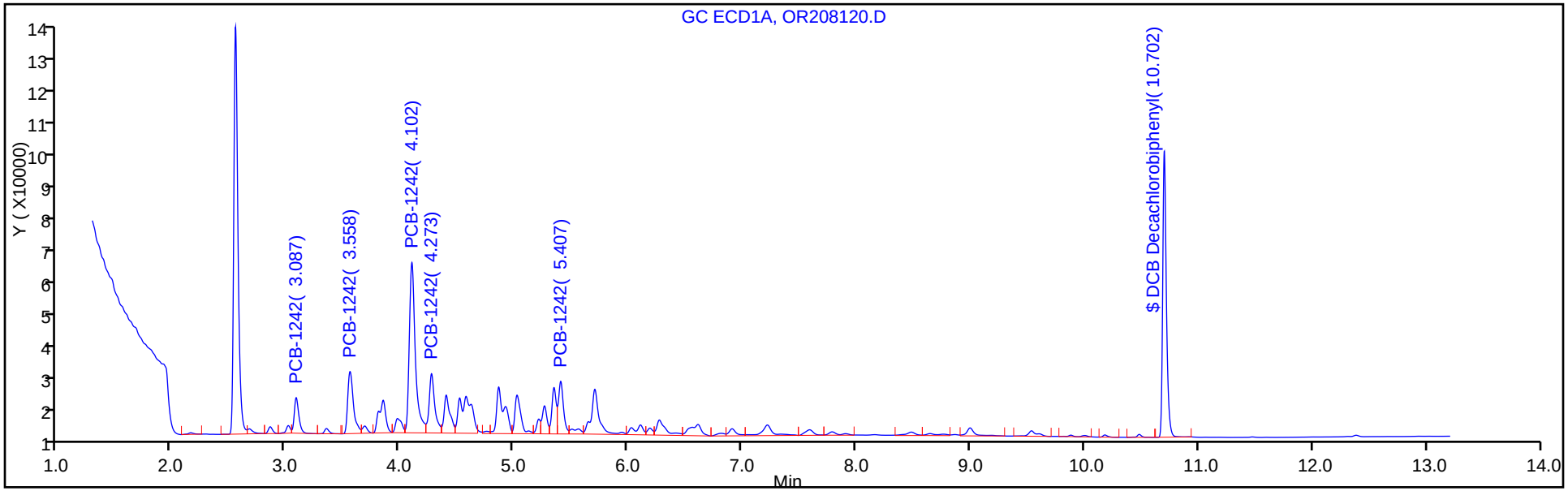
Report Date: 17-Sep-2013 11:35:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

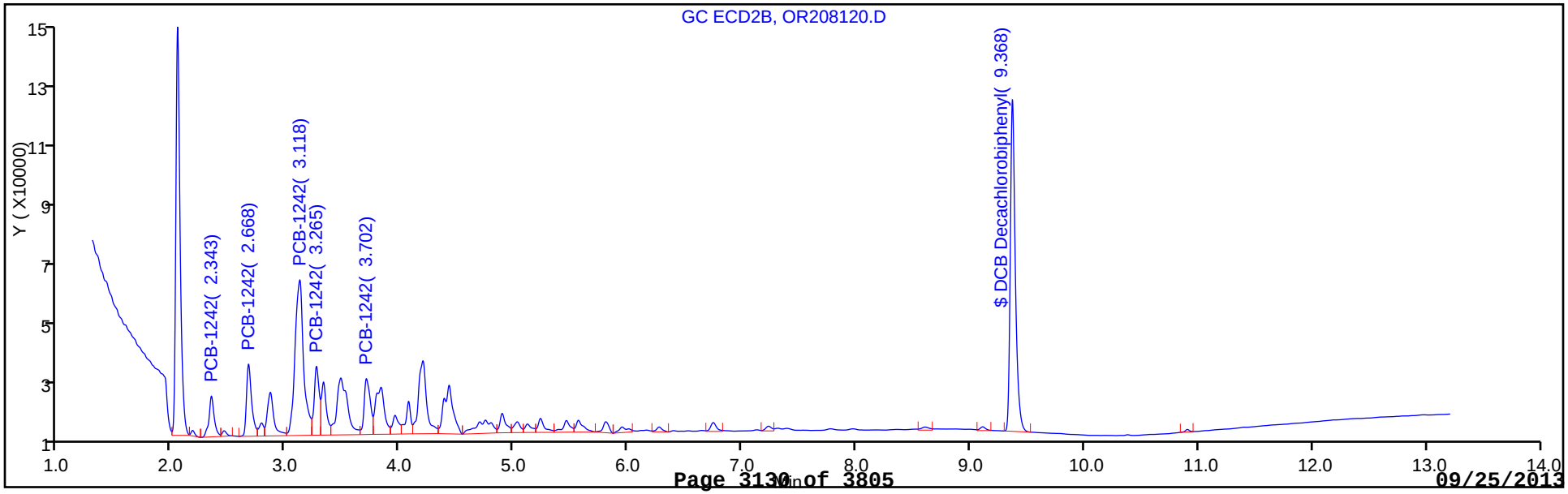
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208120.D

Injection Date:	17-Sep-2013 02:55:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-23SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	71
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



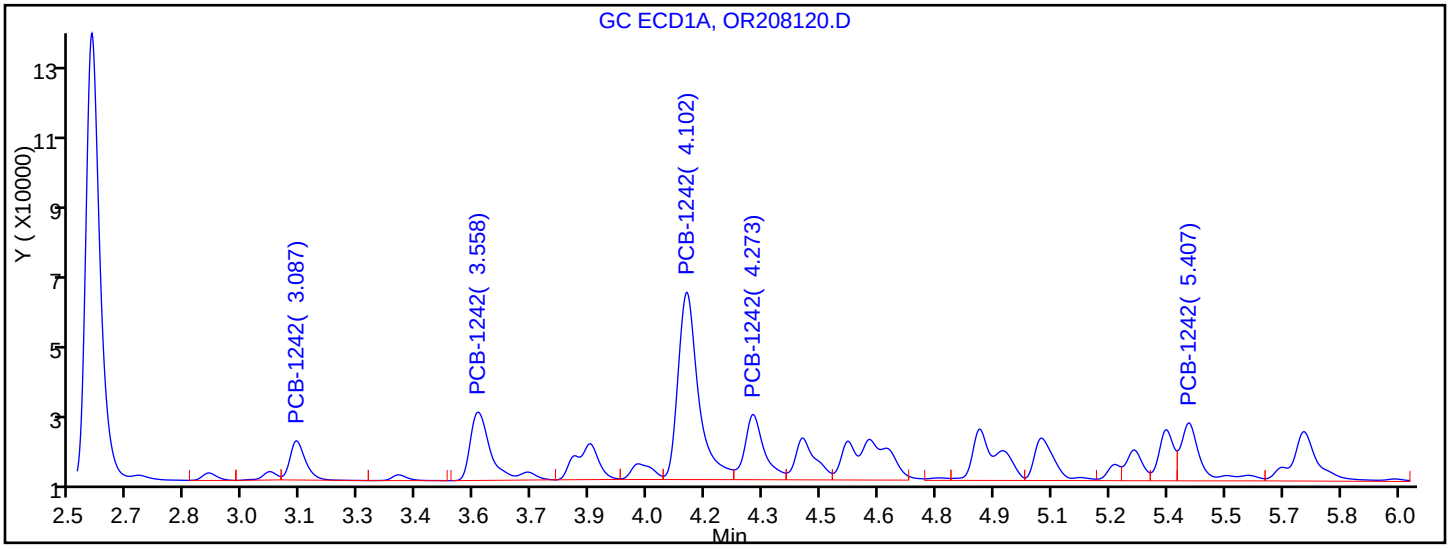
Report Date: 17-Sep-2013 11:35:52 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208120.D

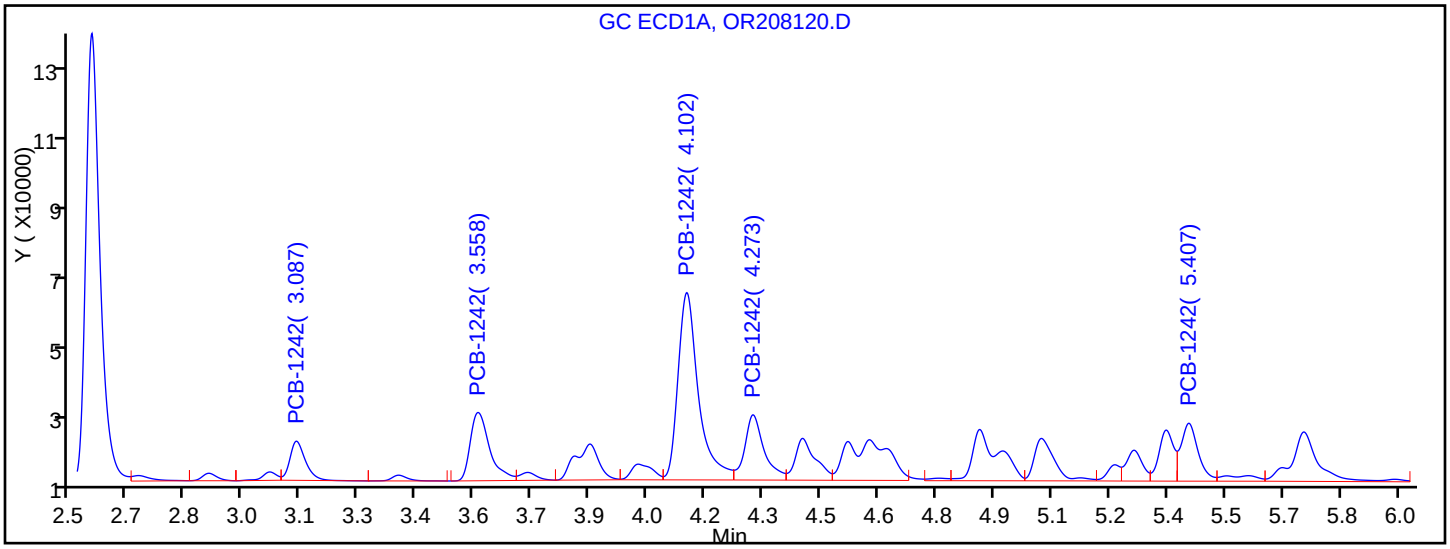
Injection Date:	17-Sep-2013 02:55:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-23SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	71
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.087	Response = 29252	
RT = 3.558	Response = 69781	M
RT = 4.102	Response = 184608	
RT = 4.273	Response = 60606	
RT = 5.407	Response = 55981	M



Manual Integration Results

RT = 3.087	Response = 29252	
RT = 3.558	Response = 63551	M
RT = 4.102	Response = 184608	
RT = 4.273	Response = 60606	
RT = 5.407	Response = 47172	M

Reviewer: patelji, 17-Sep-2013 11:29:20

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VS Lab Sample ID: 460-62968-37

Matrix: Solid Lab File ID: OR208120.D

Analysis Method: 8082 Date Collected: 09/12/2013 16:35

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.01(g) Date Analyzed: 09/17/2013 02:55

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.: 181607 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
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\20130915-4643.b\OR208120.D		
Lims ID:	460-62968-E-37-A	Client ID:	PMP-23SE-VS
Inject. Date:	17-Sep-2013 02:55:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-071		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	71
Lims Batch ID:	181607	Lims Sample ID:	71
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:35:08	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 11:29:20

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.087	3.088	-0.001	29252	199.1	
1	3.558	3.562	-0.004	63551	220.3	M
1	4.102	4.105	-0.003	184608	348.8	
1	4.273	4.277	-0.004	60606	268.9	
1	5.407	5.412	-0.005	47172	217.2	M
		Average of Peak Amounts =			250.9	
2	2.343	2.343	0.0	41830	193.3	M
2	2.668	2.670	-0.002	73041	223.5	
2	3.118	3.123	-0.005	260334	356.5	
2	3.265	3.265	0.0	67359	251.8	
2	3.702	3.703	-0.001	67346	224.0	
		Average of Peak Amounts =			249.8	
					RPD = 0.42	
$ 5 DCB Decachlorobiphenyl						
1	10.702	10.710	-0.008	187034	48.0	
2	9.368	9.377	-0.009	326362	46.3	
					RPD = 3.59	

QC Flag Legend

Review Flags
M - Manually Integrated

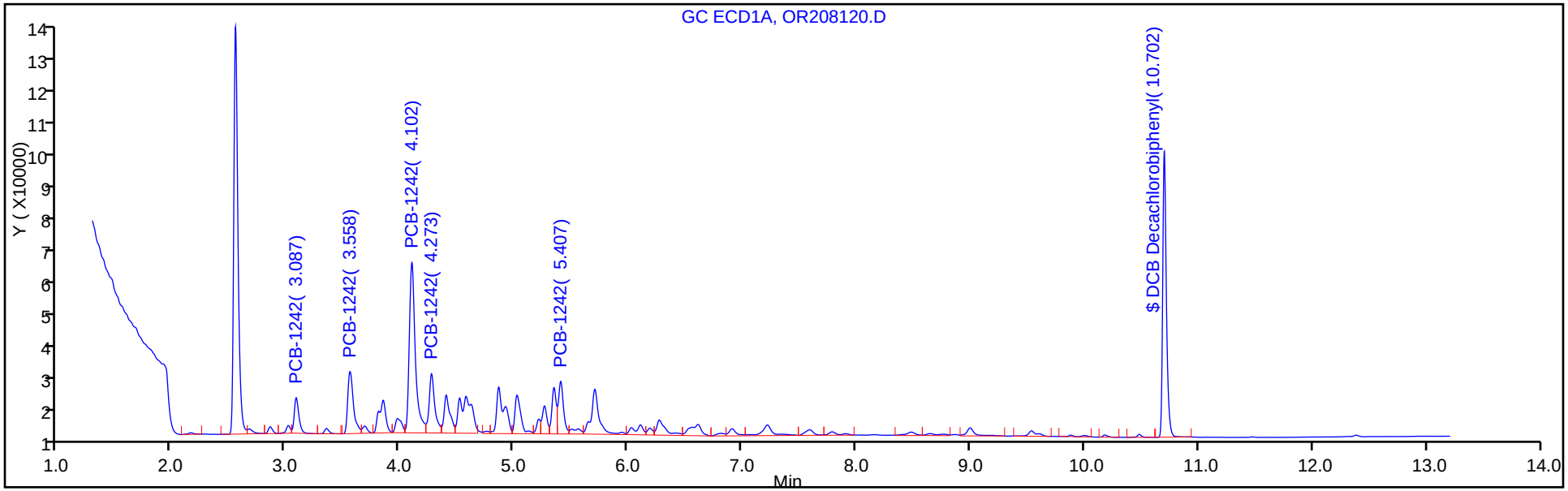
Report Date: 17-Sep-2013 11:35:52 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

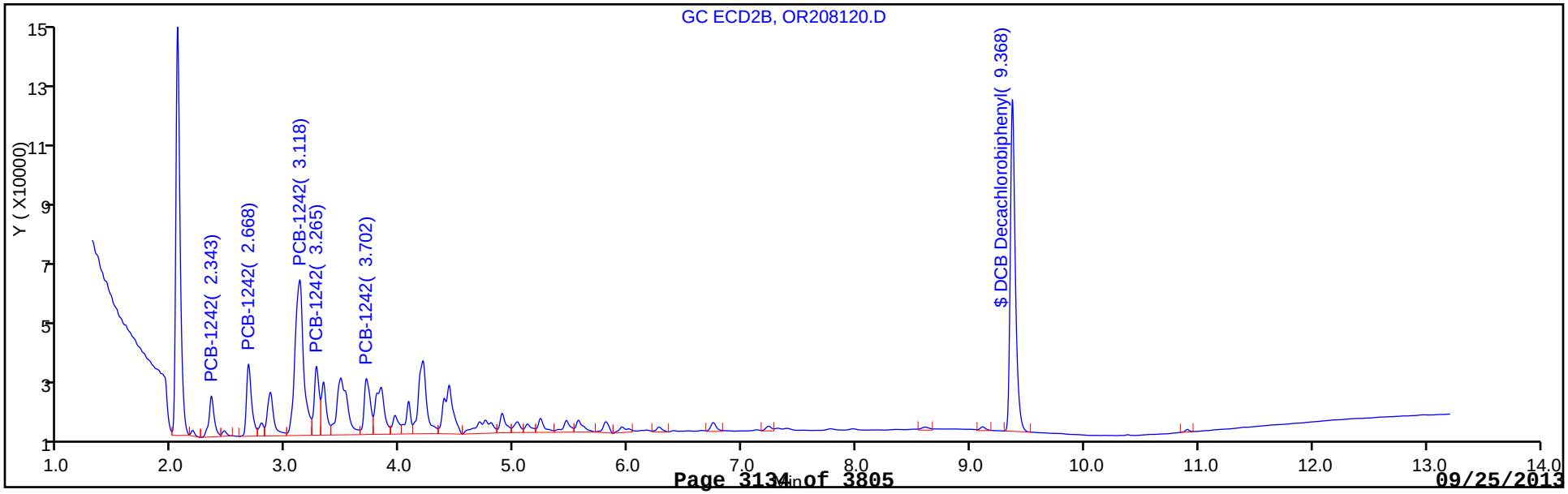
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208120.D

Injection Date:	17-Sep-2013 02:55:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-23SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	71
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



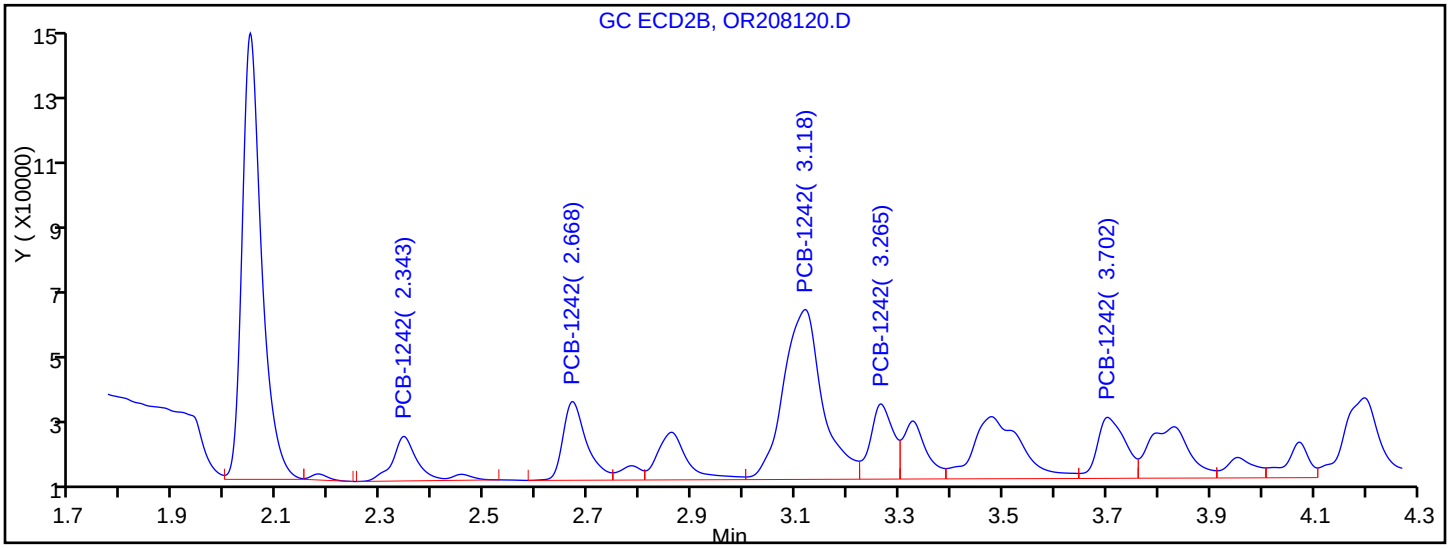
Report Date: 17-Sep-2013 11:35:52 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208120.D

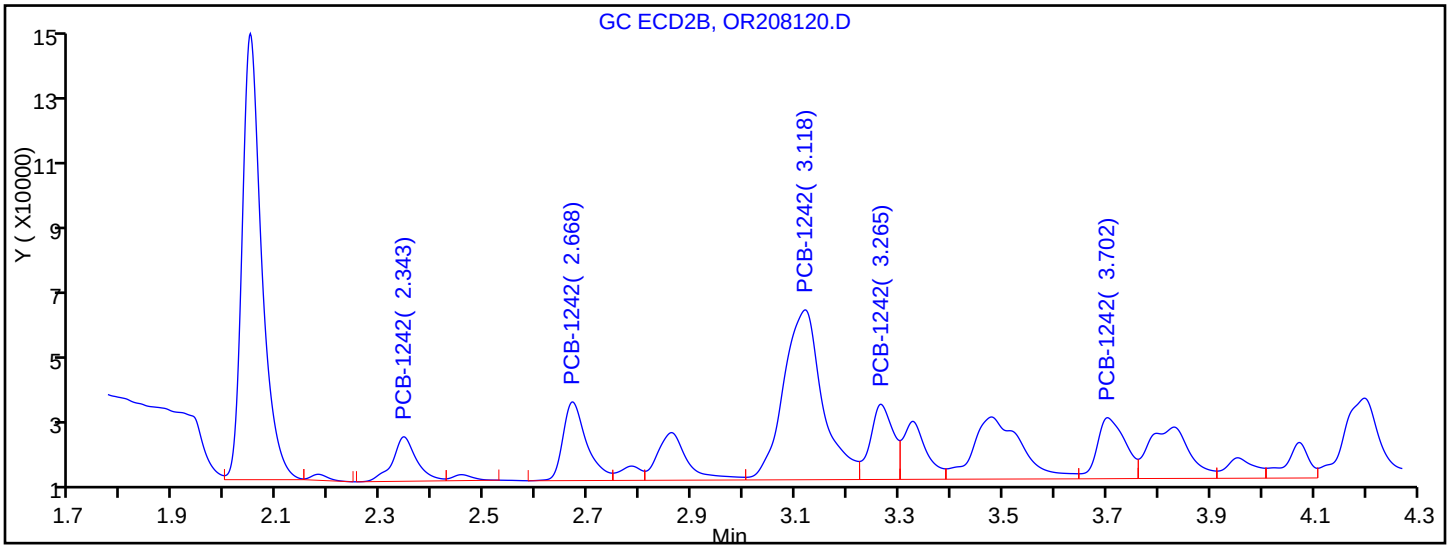
Injection Date:	17-Sep-2013 02:55:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-23SE-VS	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	71
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.343 Response = 46469 M
RT = 2.668 Response = 73041
RT = 3.118 Response = 260334
RT = 3.265 Response = 67359
RT = 3.702 Response = 67346



Manual Integration Results

RT = 2.343 Response = 41830 M
RT = 2.668 Response = 73041
RT = 3.118 Response = 260334
RT = 3.265 Response = 67359
RT = 3.702 Response = 67346

Reviewer: patelji, 17-Sep-2013 11:29:20
Audit Action: Split an Integrated Peak
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VD Lab Sample ID: 460-62968-38

Matrix: Solid Lab File ID: OR208121.D

Analysis Method: 8082 Date Collected: 09/12/2013 16:40

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 03:11

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.: 181607 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	260		69	16

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\20130915-4643.b\OR208121.D		
Lims ID:	460-62968-E-38-A	Client ID:	PMP-23SE-VD
Inject. Date:	17-Sep-2013 03:11:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-072		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	72
Lims Batch ID:	181607	Lims Sample ID:	72
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:35:08	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 11:29:46

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.088	3.088	0.0	53814	366.3	
1	3.562	3.562	0.0	102647	355.9	M
1	4.103	4.105	-0.002	220645	416.9	
1	4.277	4.277	0.0	89548	397.4	
1	5.408	5.412	-0.004	72453	333.6	M
		Average of Peak Amounts =			374.0	
2	2.342	2.343	-0.001	67697	312.8	
2	2.667	2.670	-0.003	111277	340.5	
2	3.120	3.123	-0.003	310165	424.8	
2	3.263	3.265	-0.002	95899	358.5	
2	3.702	3.703	-0.001	97653	324.8	
		Average of Peak Amounts =			352.3	
					RPD = 5.98	
$ 5 DCB Decachlorobiphenyl						
1	10.700	10.710	-0.010	188561	48.4	
2	9.370	9.377	-0.007	329518	46.7	
					RPD = 3.44	

QC Flag Legend

Review Flags
M - Manually Integrated

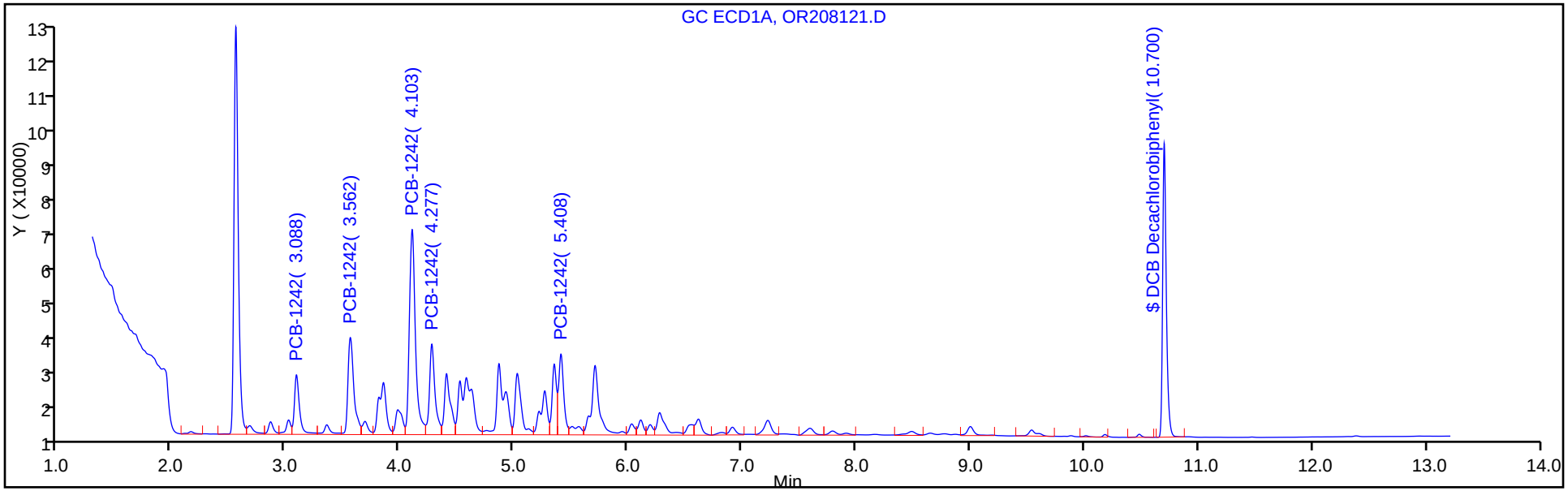
Report Date: 17-Sep-2013 11:35:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

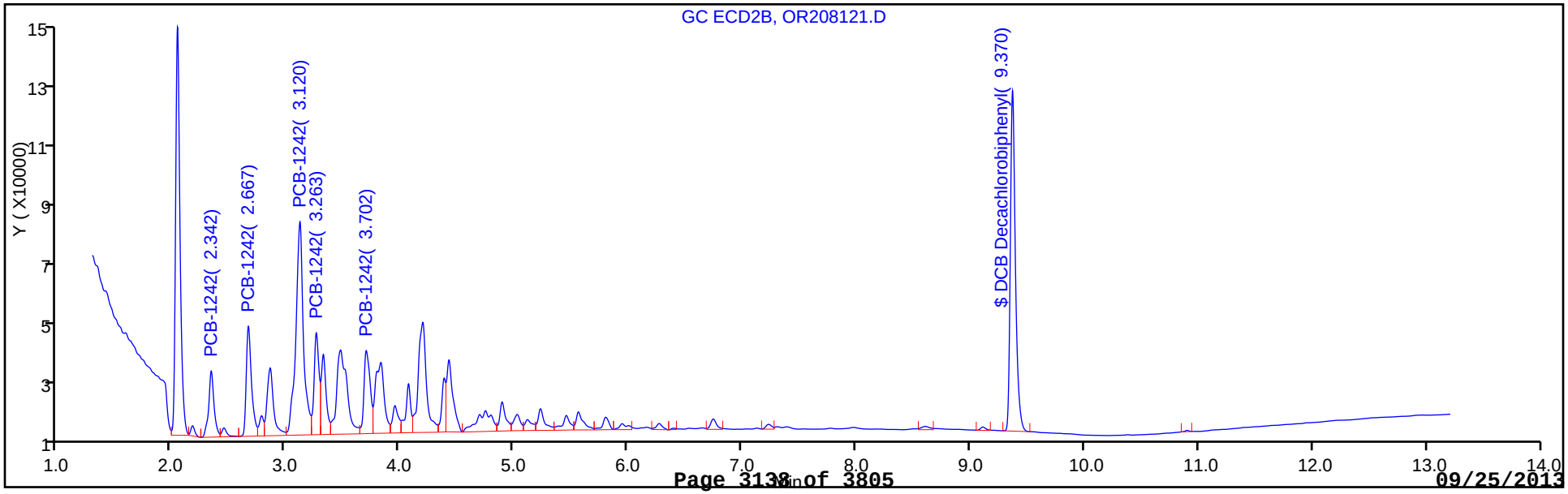
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208121.D

Injection Date:	17-Sep-2013 03:11:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-23SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	72
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



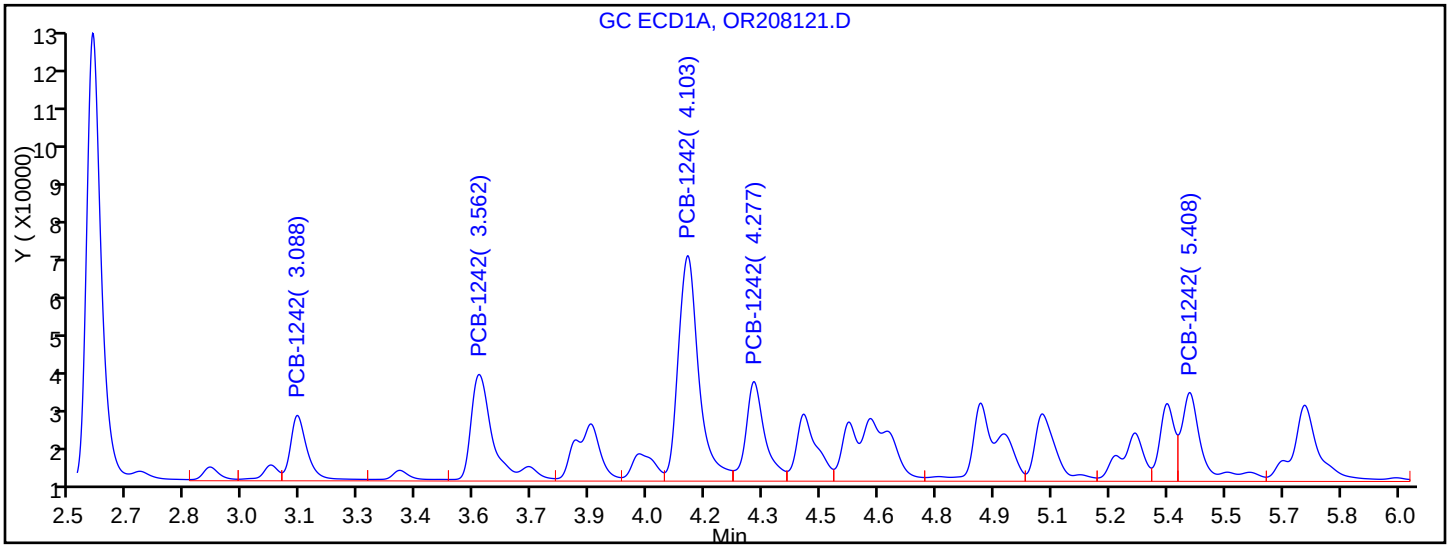
Report Date: 17-Sep-2013 11:35:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208121.D

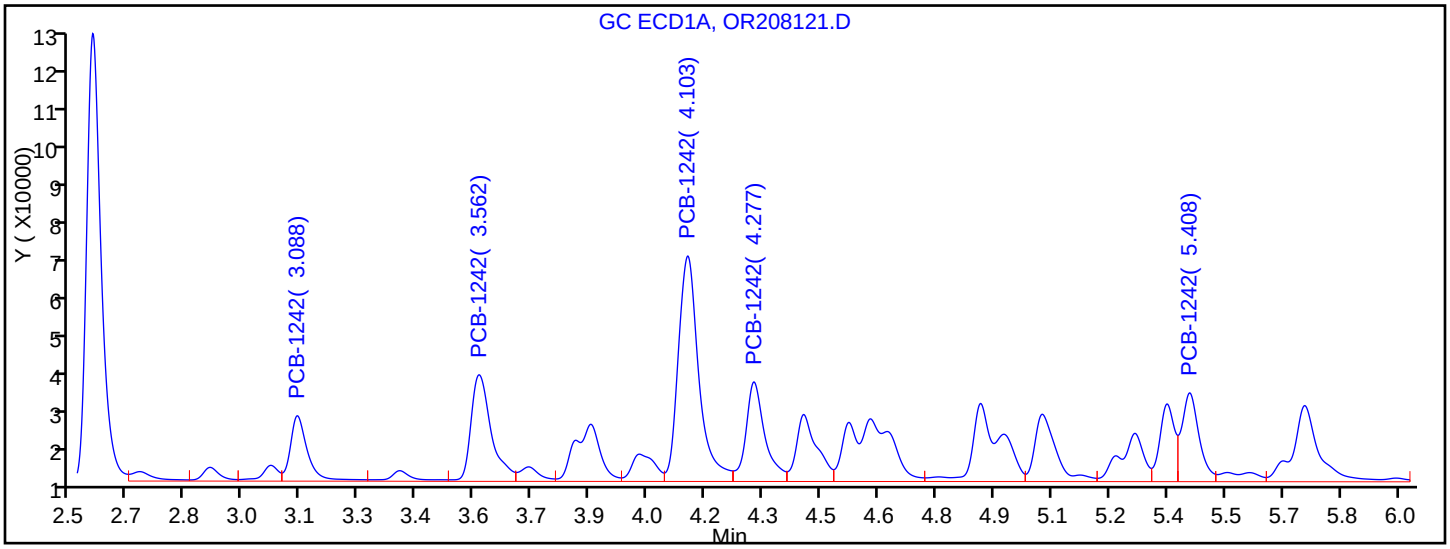
Injection Date:	17-Sep-2013 03:11:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-23SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	72
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.088	Response = 53814	
RT = 3.562	Response = 116171	M
RT = 4.103	Response = 220645	
RT = 4.277	Response = 89548	
RT = 5.408	Response = 88123	M



Manual Integration Results

RT = 3.088	Response = 53814	
RT = 3.562	Response = 102647	M
RT = 4.103	Response = 220645	
RT = 4.277	Response = 89548	
RT = 5.408	Response = 72453	M

Reviewer: patelji, 17-Sep-2013 11:29:46

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VD | Lab Sample ID: 460-62968-38

Matrix: Solid | Lab File ID: OR208121.D

Analysis Method: 8082 | Date Collected: 09/12/2013 16:40

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.00(g) | Date Analyzed: 09/17/2013 03:11

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.: 181607 | 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	93		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208121.D		
Lims ID:	460-62968-E-38-A	Client ID:	PMP-23SE-VD
Inject. Date:	17-Sep-2013 03:11:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-072		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	72
Lims Batch ID:	181607	Lims Sample ID:	72
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:35:08	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 11:29:46

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.088	3.088	0.0	53814	366.3	
1	3.562	3.562	0.0	102647	355.9	M
1	4.103	4.105	-0.002	220645	416.9	
1	4.277	4.277	0.0	89548	397.4	
1	5.408	5.412	-0.004	72453	333.6	M
		Average of Peak Amounts =			374.0	
2	2.342	2.343	-0.001	67697	312.8	
2	2.667	2.670	-0.003	111277	340.5	
2	3.120	3.123	-0.003	310165	424.8	
2	3.263	3.265	-0.002	95899	358.5	
2	3.702	3.703	-0.001	97653	324.8	
		Average of Peak Amounts =			352.3	
					RPD = 5.98	
$ 5 DCB Decachlorobiphenyl						
1	10.700	10.710	-0.010	188561	48.4	
2	9.370	9.377	-0.007	329518	46.7	
					RPD = 3.44	

QC Flag Legend

Review Flags
M - Manually Integrated

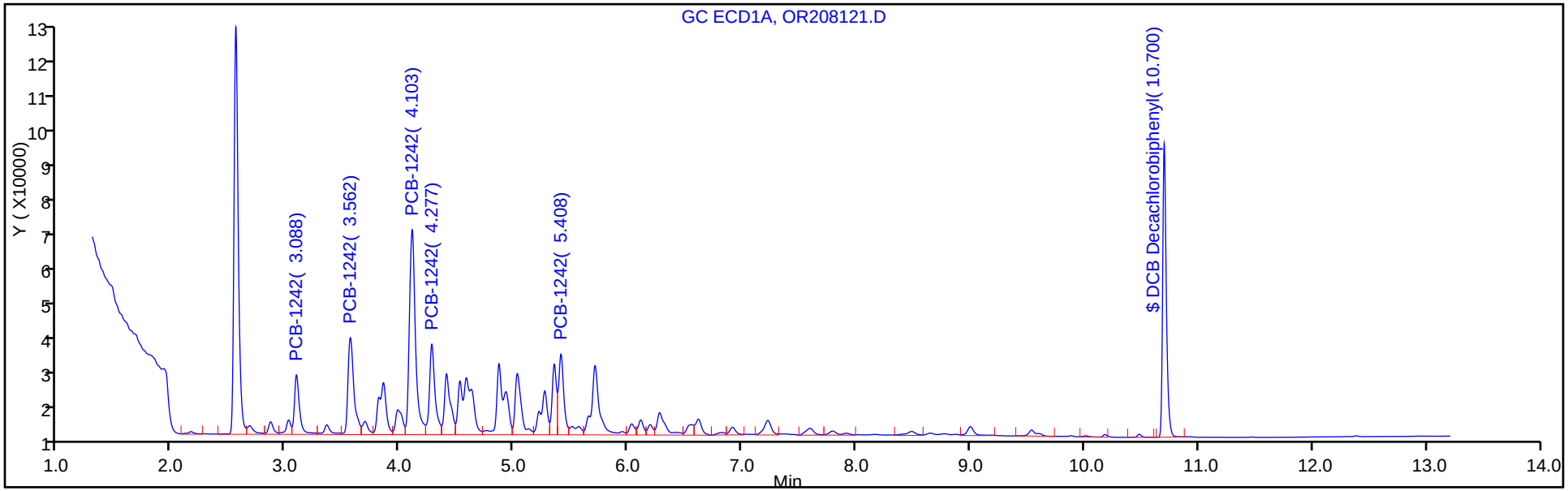
Report Date: 17-Sep-2013 11:35:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

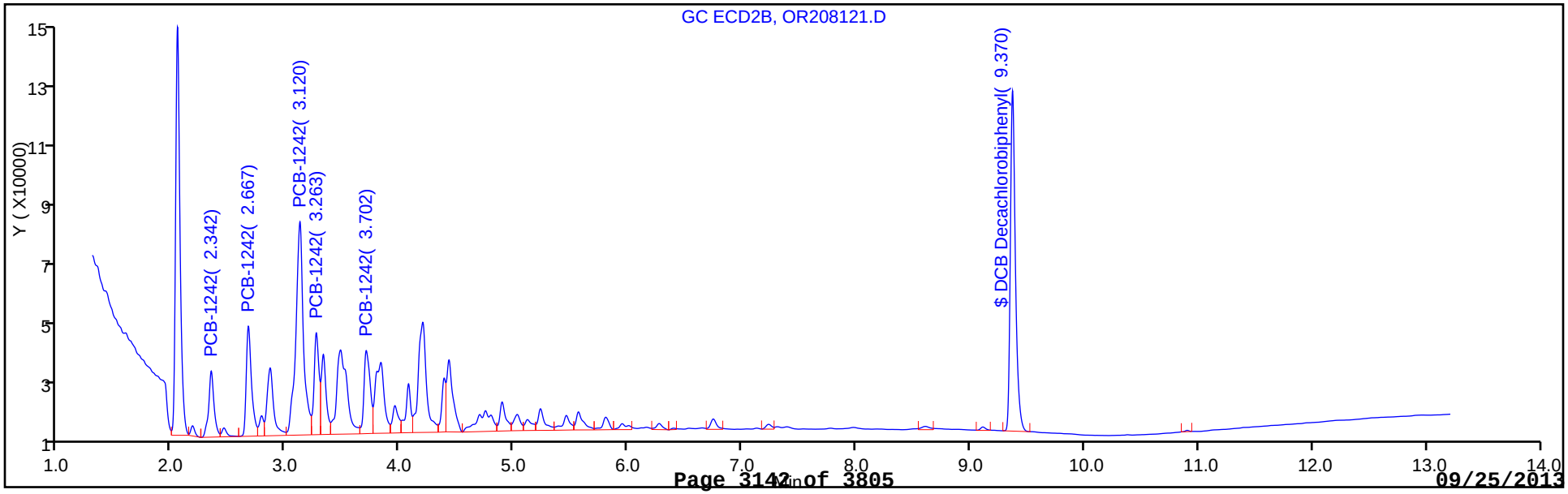
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208121.D

Injection Date:	17-Sep-2013 03:11:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-23SE-VD	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-WT | Lab Sample ID: 460-62968-39

Matrix: Solid | Lab File ID: OR208122.D

Analysis Method: 8082 | Date Collected: 09/12/2013 16:45

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.00(g) | Date Analyzed: 09/17/2013 03:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181607 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	280		70	16

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\20130915-4643.b\OR208122.D		
Lims ID:	460-62968-E-39-A	Client ID:	PMP-23SE-WT
Inject. Date:	17-Sep-2013 03:28:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-073		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	73
Lims Batch ID:	181607	Lims Sample ID:	73
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:35:08	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 11:30:12

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.088	3.088	0.0	56086	381.8	
1	3.562	3.562	0.0	111658	387.1	M
1	4.103	4.105	-0.002	230424	435.3	
1	4.275	4.277	-0.002	93762	416.1	
1	5.408	5.412	-0.004	78259	360.3	M
		Average of Peak Amounts =			396.1	
2	2.340	2.343	-0.003	74017	342.0	
2	2.667	2.670	-0.003	123041	376.4	
2	3.118	3.123	-0.005	330133	452.1	
2	3.262	3.265	-0.003	104013	388.9	M
2	3.700	3.703	-0.003	107445	357.4	
		Average of Peak Amounts =			383.4	
					RPD = 3.28	
$ 5 DCB Decachlorobiphenyl						
1	10.705	10.710	-0.005	183334	47.0	
2	9.368	9.377	-0.009	315632	44.8	
					RPD = 4.93	

QC Flag Legend

Review Flags
M - Manually Integrated

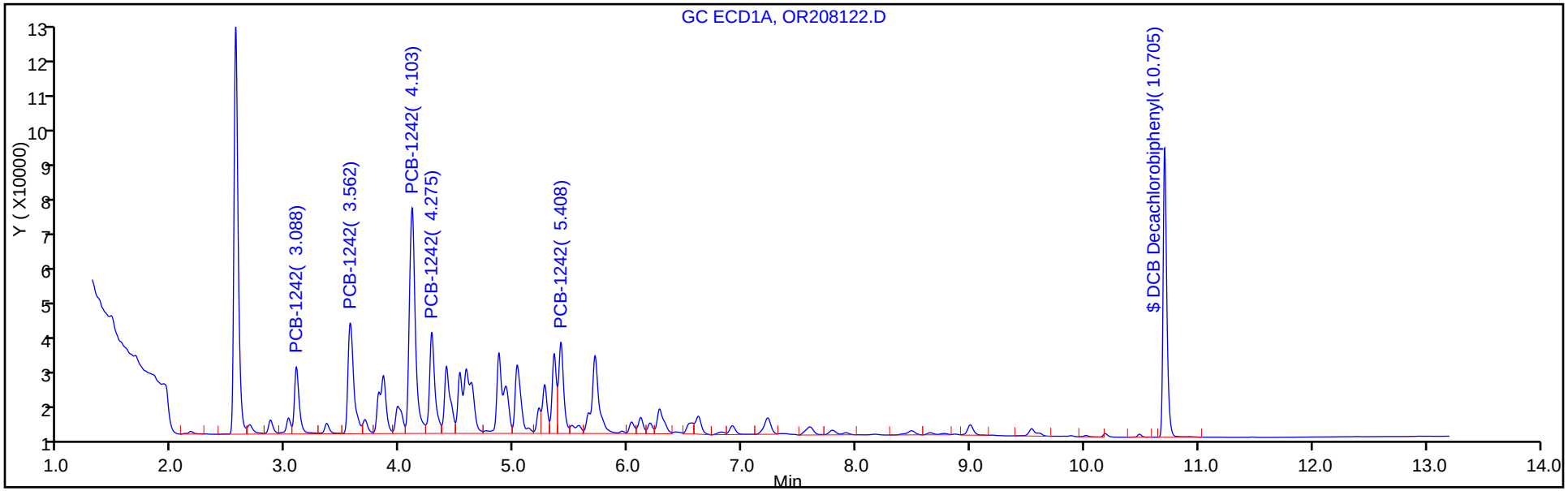
Report Date: 17-Sep-2013 11:35:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

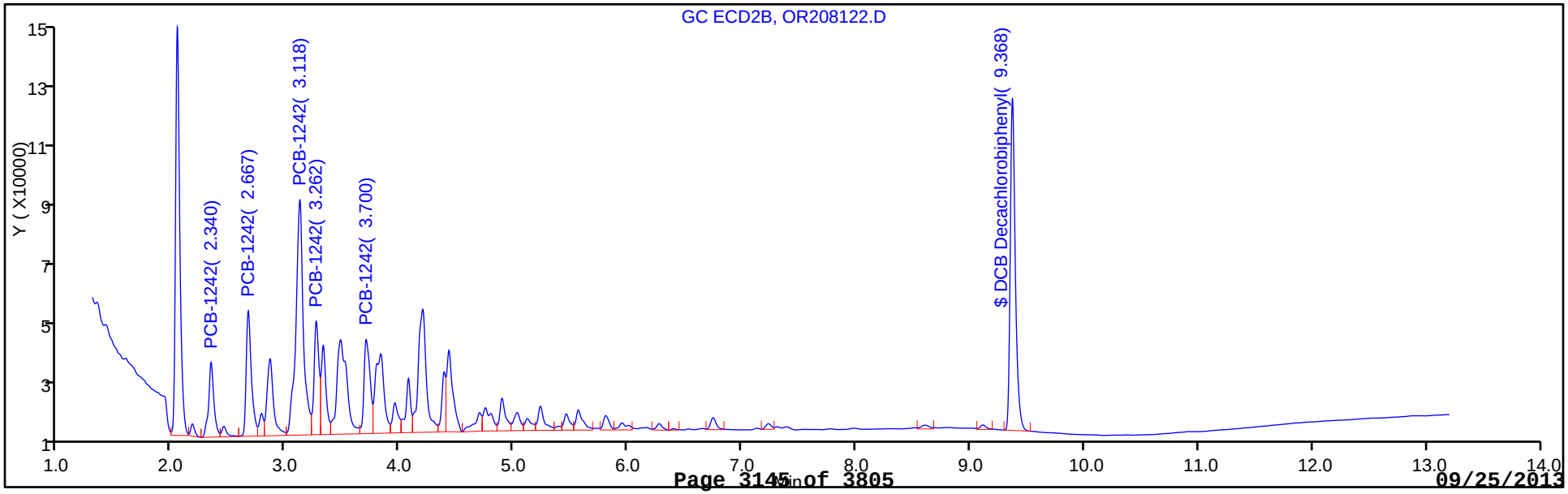
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208122.D

Injection Date:	17-Sep-2013 03:28:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-23SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	73
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



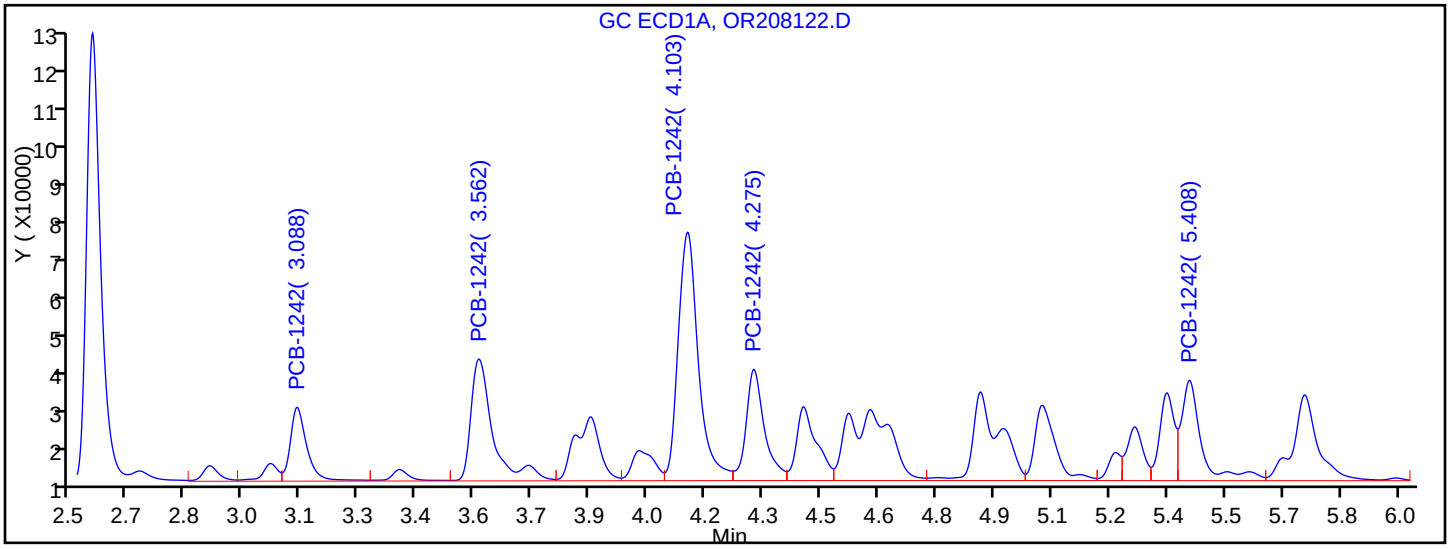
Report Date: 17-Sep-2013 11:35:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208122.D

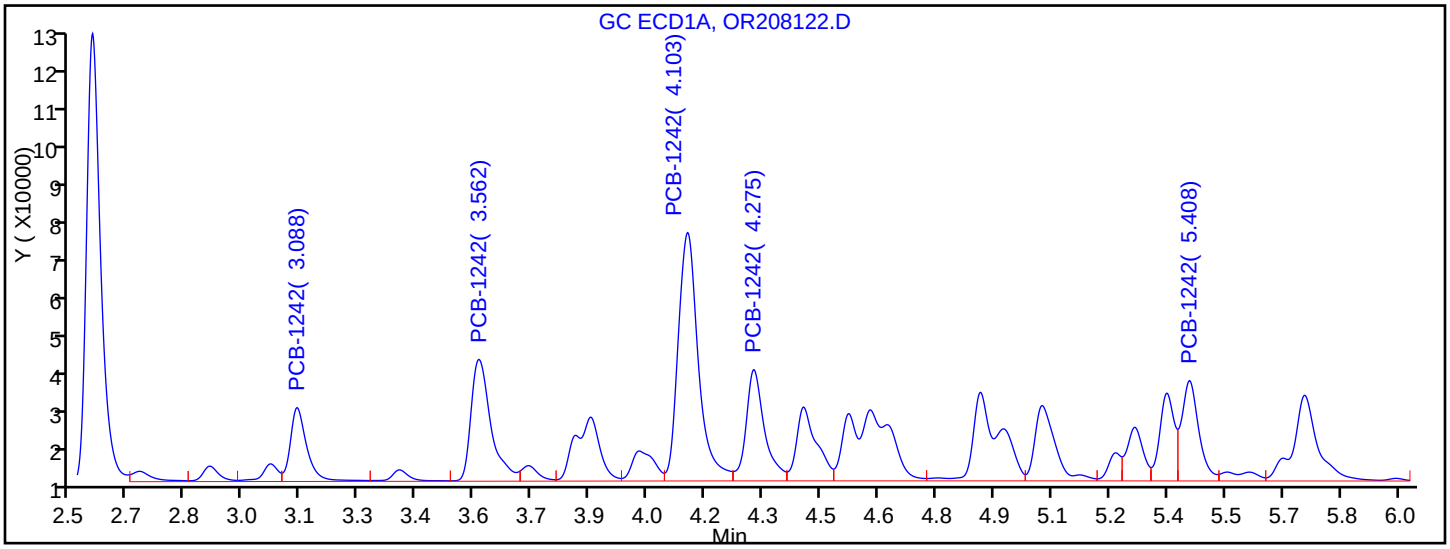
Injection Date:	17-Sep-2013 03:28:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-23SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	73
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.088	Response = 56086	
RT = 3.562	Response = 123013	M
RT = 4.103	Response = 230424	
RT = 4.275	Response = 93762	
RT = 5.408	Response = 91342	M



Manual Integration Results

RT = 3.088	Response = 56086	
RT = 3.562	Response = 111658	M
RT = 4.103	Response = 230424	
RT = 4.275	Response = 93762	
RT = 5.408	Response = 78259	M

Reviewer: patelji, 17-Sep-2013 11:30:12

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-WT | Lab Sample ID: 460-62968-39

Matrix: Solid | Lab File ID: OR208122.D

Analysis Method: 8082 | Date Collected: 09/12/2013 16:45

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.00(g) | Date Analyzed: 09/17/2013 03:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181607 | 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	90		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208122.D		
Lims ID:	460-62968-E-39-A	Client ID:	PMP-23SE-WT
Inject. Date:	17-Sep-2013 03:28:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004643-073		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	73
Lims Batch ID:	181607	Lims Sample ID:	73
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	17-Sep-2013 11:35:08	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 11:30:12

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.088	3.088	0.0	56086	381.8	
1	3.562	3.562	0.0	111658	387.1	M
1	4.103	4.105	-0.002	230424	435.3	
1	4.275	4.277	-0.002	93762	416.1	
1	5.408	5.412	-0.004	78259	360.3	M
		Average of Peak Amounts =			396.1	
2	2.340	2.343	-0.003	74017	342.0	
2	2.667	2.670	-0.003	123041	376.4	
2	3.118	3.123	-0.005	330133	452.1	
2	3.262	3.265	-0.003	104013	388.9	M
2	3.700	3.703	-0.003	107445	357.4	
		Average of Peak Amounts =			383.4	
					RPD = 3.28	
$ 5 DCB Decachlorobiphenyl						
1	10.705	10.710	-0.005	183334	47.0	
2	9.368	9.377	-0.009	315632	44.8	
					RPD = 4.93	

QC Flag Legend

Review Flags
M - Manually Integrated

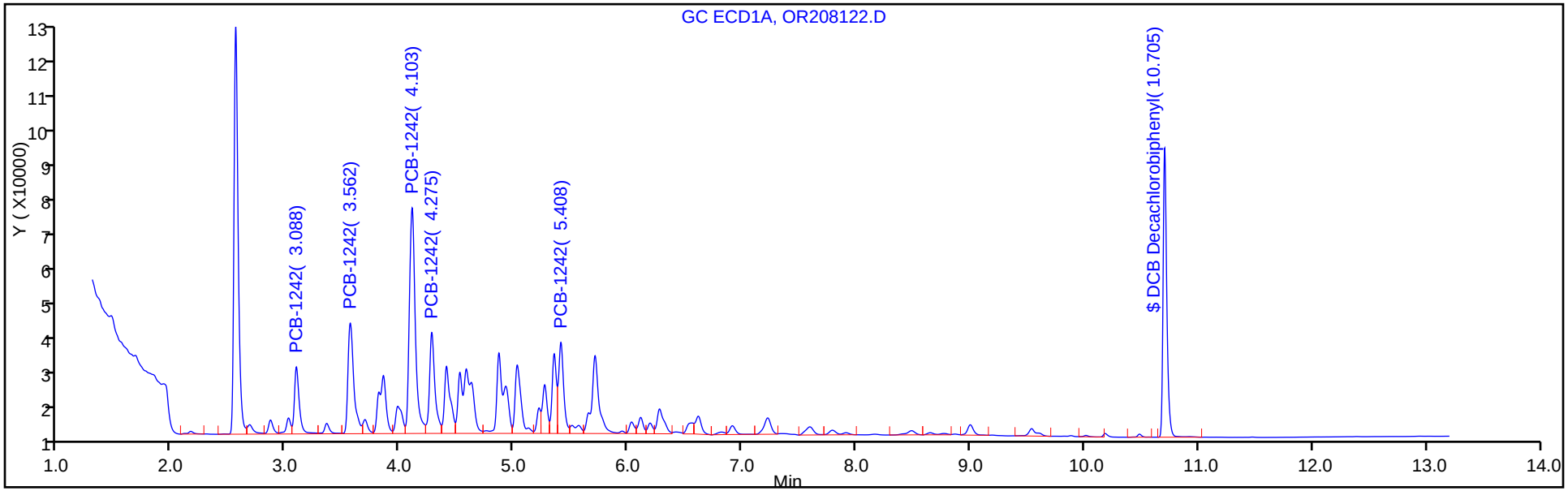
Report Date: 17-Sep-2013 11:35:57 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

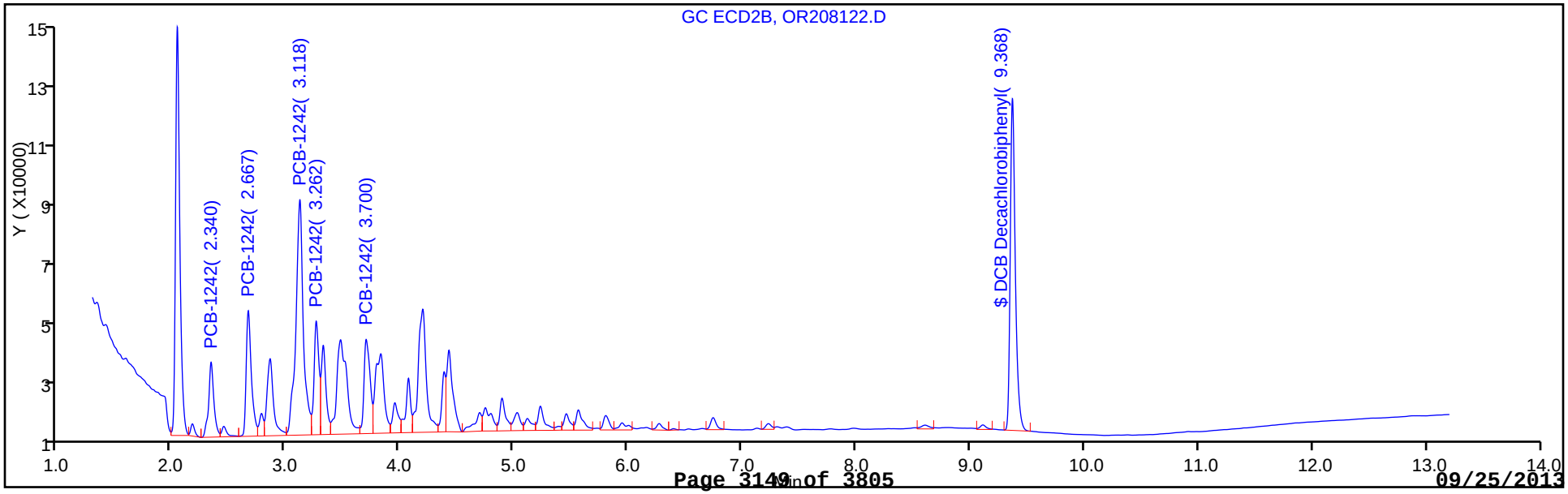
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208122.D

Injection Date:	17-Sep-2013 03:28:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-23SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	73
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



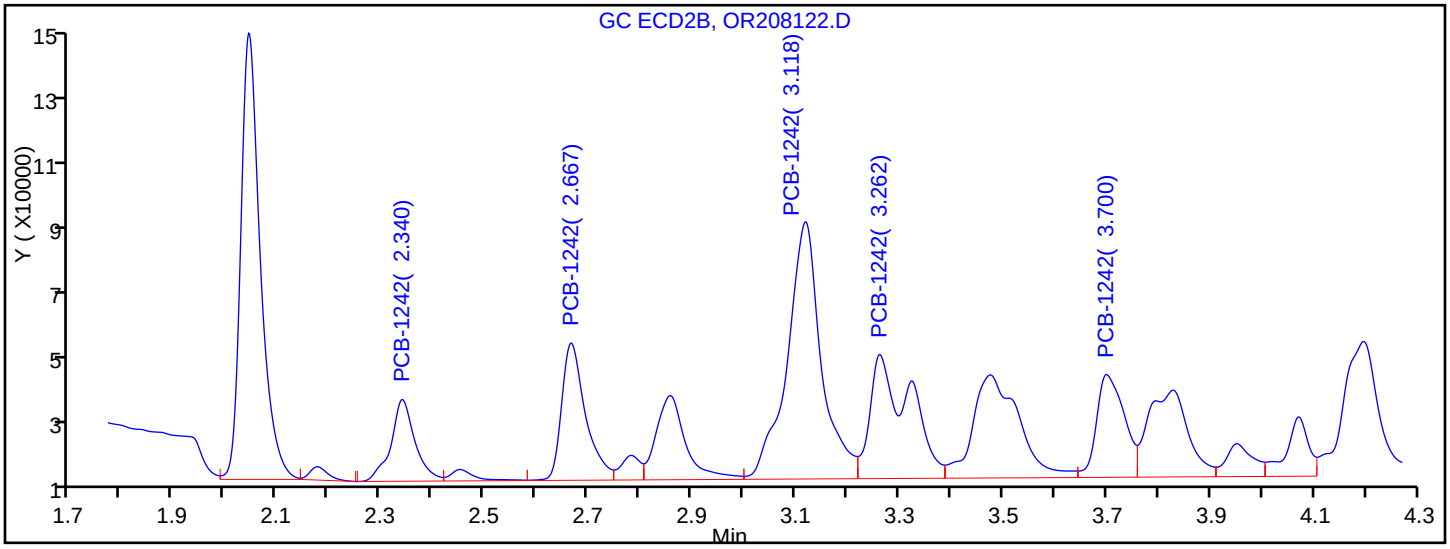
Report Date: 17-Sep-2013 11:35:57 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208122.D

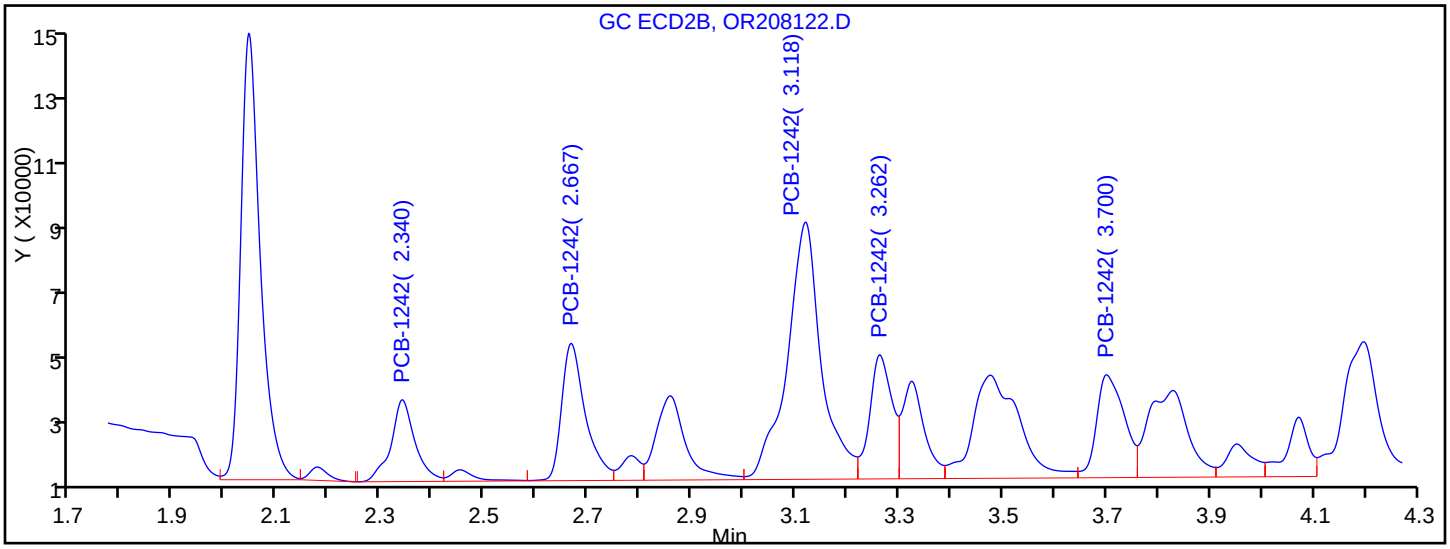
Injection Date:	17-Sep-2013 03:28:30	Limit Group:	GC 8082 PCB
Client ID:	PMP-23SE-WT	Instrument ID:	CPESTGC7
Lims Batch ID:	181607	Lims Sample ID:	73
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 PCB-1242, Detector: 2, GC ECD2B



Processing Integration Results

RT = 2.340	Response = 74017	
RT = 2.667	Response = 123041	
RT = 3.118	Response = 330133	
RT = 3.262	Response = 184080	M
RT = 3.700	Response = 107445	



Manual Integration Results

RT = 2.340	Response = 74017	
RT = 2.667	Response = 123041	
RT = 3.118	Response = 330133	
RT = 3.262	Response = 104013	M
RT = 3.700	Response = 107445	

Reviewer: patelji, 17-Sep-2013 11:30:12

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: FB-091213 Lab Sample ID: 460-62968-40

Matrix: Water Lab File ID: QR097402.D

Analysis Method: 8082 Date Collected: 09/12/2013 07:10

Extraction Method: 3510C Date Extracted: 09/16/2013 08:47

Sample wt/vol: 125(mL) Date Analyzed: 09/18/2013 05:13

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	45		37-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097402.D		
Lims ID:	460-62968-E-40-A	Client ID:	FB-091213
Inject. Date:	18-Sep-2013 05:13:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004724-059		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	59
Lims Batch ID:	181958	Lims Sample ID:	59
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 11:13:01

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	11.472	11.503	-0.031	22332129	45.4	
2	10.474	10.483	-0.009	39155435	47.1	
					RPD = 3.66	

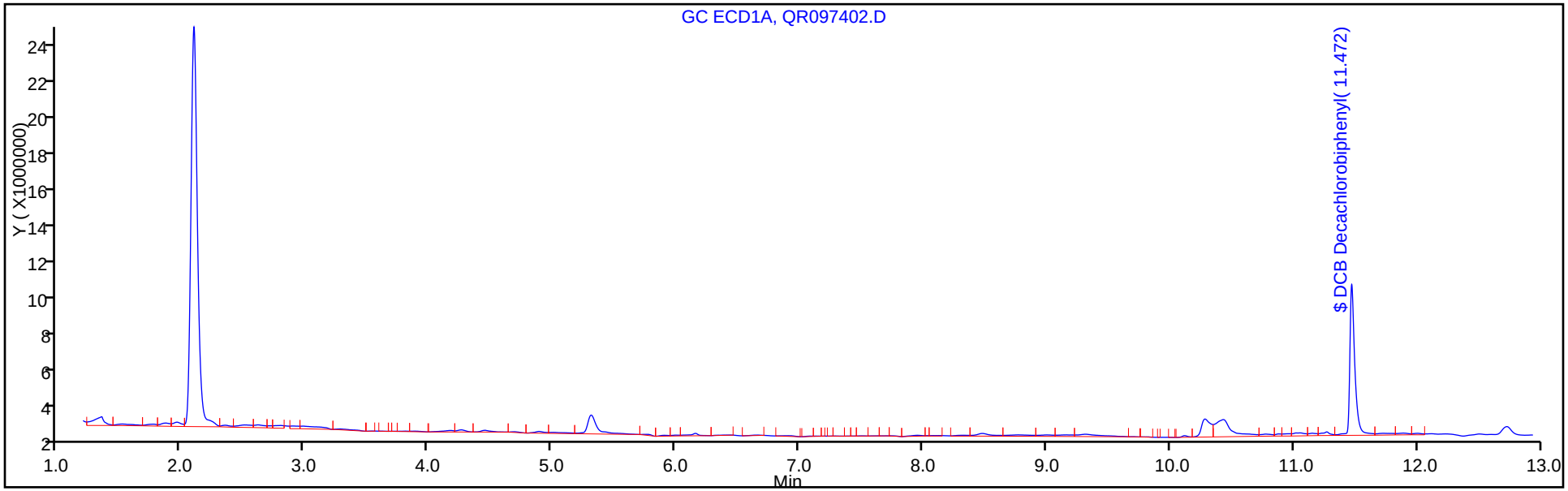
Report Date: 18-Sep-2013 11:35:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

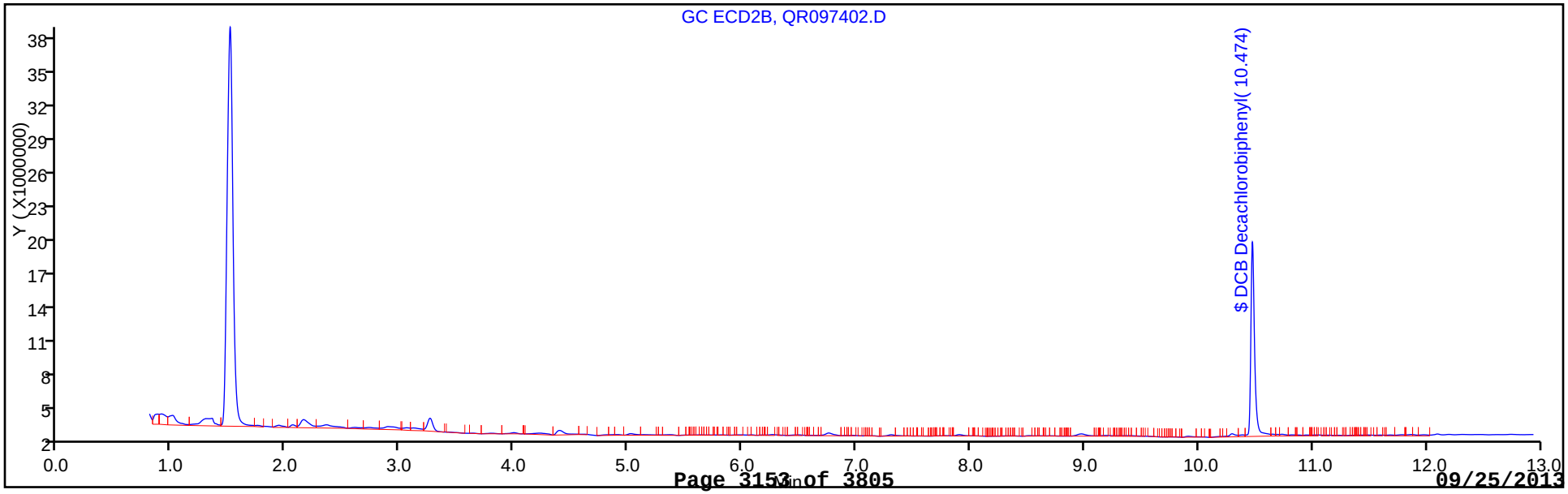
Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097402.D

Injection Date:	18-Sep-2013 05:13:00	Limit Group:	GC 8082 PCB
Client ID:	FB-091213	Instrument ID:	CPESTGC8
Lims Batch ID:	181958	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.: 460-62968-1

SDG No.:

Client Sample ID: FB-091213 Lab Sample ID: 460-62968-40

Matrix: Water Lab File ID: QR097402.D

Analysis Method: 8082 Date Collected: 09/12/2013 07:10

Extraction Method: 3510C Date Extracted: 09/16/2013 08:47

Sample wt/vol: 125(mL) Date Analyzed: 09/18/2013 05:13

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	47		37-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097402.D		
Lims ID:	460-62968-E-40-A	Client ID:	FB-091213
Inject. Date:	18-Sep-2013 05:13:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004724-059		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	59
Lims Batch ID:	181958	Lims Sample ID:	59
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 11:13:01

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 5 DCB Decachlorobiphenyl						
1	11.472	11.503	-0.031	22332129	45.4	
2	10.474	10.483	-0.009	39155435	47.1	
					RPD = 3.66	

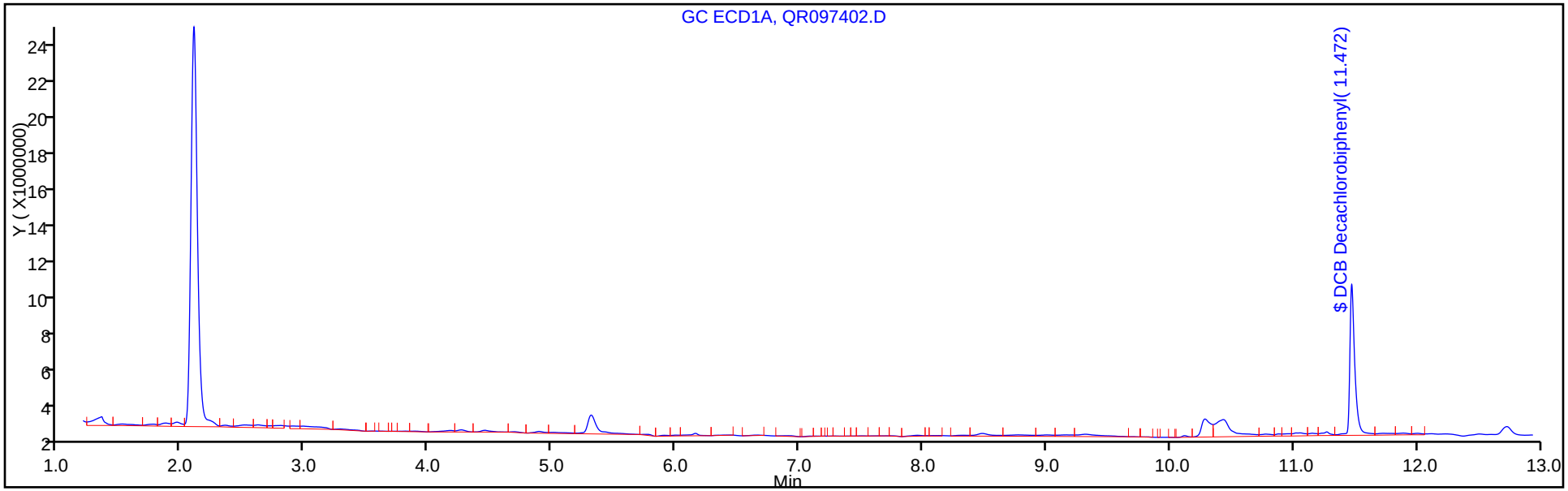
Report Date: 18-Sep-2013 11:35:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

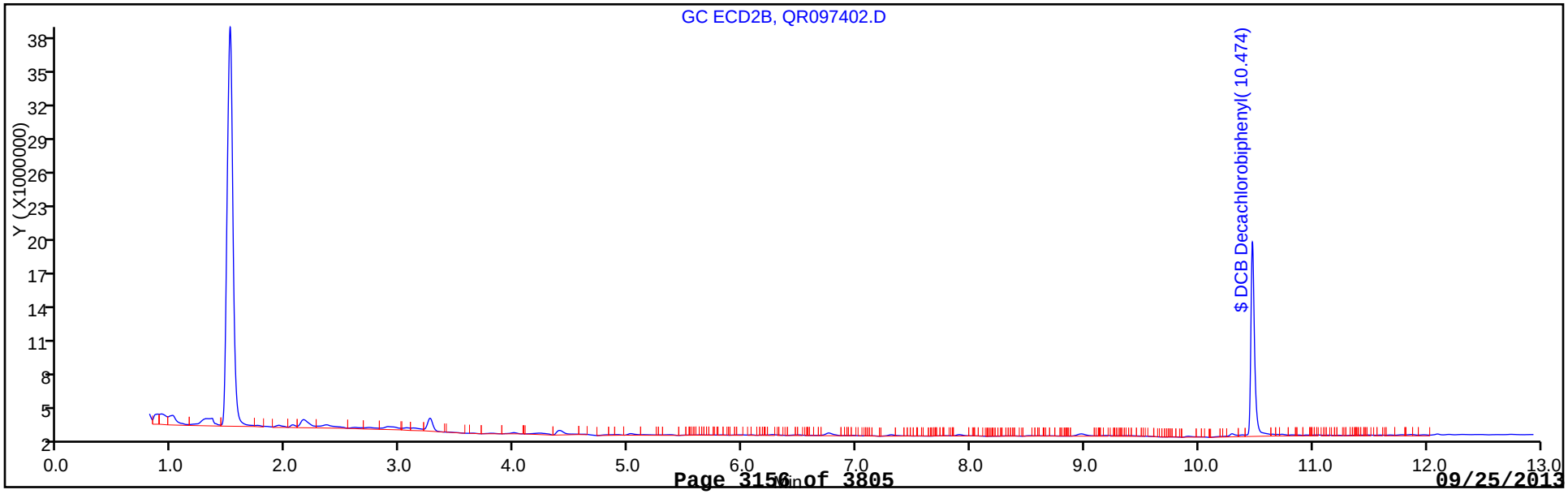
Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097402.D

Injection Date:	18-Sep-2013 05:13:00	Limit Group:	GC 8082 PCB
Client ID:	FB-091213	Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	59
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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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 VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 09:20 Calibration End Date: 09/09/2013 10:23 Calibration ID: 29165

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/2	VR489182.D
Level 2	IC 460-180324/3	VR489183.D
Level 3	IC 460-180324/4	VR489184.D
Level 4	IC 460-180324/5	VR489185.D
Level 5	IC 460-180324/6	VR489186.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	3.006	3.005	3.004	3.003	3.002						2.934 - 3.074	3.004
PCB-1016 Peak 2	3.710	3.709	3.710	3.708	3.705						3.640 - 3.780	3.708
PCB-1016 Peak 3	4.549	4.547	4.546	4.545	4.543						4.476 - 4.616	4.546
PCB-1016 Peak 4	5.620	5.621	5.618	5.618	5.616						5.548 - 5.688	5.619
PCB-1016 Peak 5	5.830	5.830	5.829	5.828	5.827						5.759 - 5.899	5.829
PCB-1260 Peak 1	7.857	7.856	7.855	7.853	7.850						7.785 - 7.925	7.854
PCB-1260 Peak 2	8.318	8.318	8.313	8.312	8.310						8.243 - 8.383	8.314
PCB-1260 Peak 3	9.992	9.992	9.990	9.988	9.987						9.920 - 10.060	9.990
PCB-1260 Peak 4	10.340	10.340	10.339	10.338	10.337						10.269 - 10.409	10.339
PCB-1260 Peak 5	11.160	11.158	11.156	11.156	11.156						11.086 - 11.226	11.157
Tetrachloro-m-xylene	2.281	2.282	2.281	2.281	2.279						2.231 - 2.331	2.281
DCB Decachlorobiphenyl	11.602	11.600	11.595	11.597	11.598						11.495 - 11.695	11.598

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 09:20 Calibration End Date: 09/09/2013 10:23 Calibration ID: 29165

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/2	VR489182.D
Level 2	IC 460-180324/3	VR489183.D
Level 3	IC 460-180324/4	VR489184.D
Level 4	IC 460-180324/5	VR489185.D
Level 5	IC 460-180324/6	VR489186.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	29662 28798	32257	34980	31093	Ave		31358.1270				7.7		20.0			
PCB-1016 Peak 2	61143 51191	55234	56538	51667	Ave		55154.5325				7.3		20.0			
PCB-1016 Peak 3	112873 98194	99298	104412	94628	Ave		101880.858				6.9		20.0			
PCB-1016 Peak 4	36563 32012	30439	31763	29528	Ave		32061.0812				8.5		20.0			
PCB-1016 Peak 5	35396 38192	35482	38307	35279	Ave		36530.9788				4.3		20.0			
PCB-1260 Peak 1	64995 62394	63070	66183	61017	Ave		63531.8498				3.2		20.0			
PCB-1260 Peak 2	98070 91537	94387	96446	93314	Ave		94750.8346				2.7		20.0			
PCB-1260 Peak 3	46895 49215	44184	50278	44367	Ave		46987.7453				5.9		20.0			
PCB-1260 Peak 4	95736 99147	91873	100058	92308	Ave		95824.5253				3.9		20.0			
PCB-1260 Peak 5	23818 23509	21032	22931	21344	Ave		22526.7266				5.6		20.0			
Tetrachloro-m-xylene	1529243 1386722	1509630	1557439	1293558	Ave		1455318.26				7.7		20.0			
DCB Decachlorobiphenyl	484788 534153	492480	526450	583952	Ave		524364.373				7.5		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 09:20 Calibration End Date: 09/09/2013 10:23 Calibration ID: 29165

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/2	VR489182.D
Level 2	IC 460-180324/3	VR489183.D
Level 3	IC 460-180324/4	VR489184.D
Level 4	IC 460-180324/5	VR489185.D
Level 5	IC 460-180324/6	VR489186.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	2966245	16128602	34980356	46639096	71994736	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	6114281	27616765	56538139	77500835	127977401	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	11287275	49649158	104411950	141941275	245484399	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	3656309	15219701	31763137	44292213	80029087	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	3539552	17741134	38306974	52917943	95478758	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	6499457	31535188	66183392	91525382	155984974	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	9806961	47193426	96446332	139971466	228842671	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	4689451	22091817	50278332	66550828	123037579	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	9573634	45936701	100057824	138462167	247867373	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	2381752	10516229	22930737	32015509	58773113	100	500	1000	1500	2500
Tetrachloro-m-xylene	Ave	38231073	75481495	155743888	194033709	277344310	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	12119688	24623989	52644977	87592789	106830574	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.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 09:20 Calibration End Date: 09/09/2013 10:23 Calibration ID: 29166

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/2	VR489182.D
Level 2	IC 460-180324/3	VR489183.D
Level 3	IC 460-180324/4	VR489184.D
Level 4	IC 460-180324/5	VR489185.D
Level 5	IC 460-180324/6	VR489186.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.037	2.035	2.035	2.036	2.035						1.965 - 2.105	2.036
PCB-1016 Peak 2	2.474	2.474	2.472	2.472	2.471						2.402 - 2.542	2.473
PCB-1016 Peak 3	3.063	3.066	3.066	3.064	3.063						2.996 - 3.136	3.064
PCB-1016 Peak 4	3.255	3.255	3.254	3.254	3.253						3.184 - 3.324	3.254
PCB-1016 Peak 5	3.955	3.955	3.953	3.954	3.952						3.883 - 4.023	3.954
PCB-1260 Peak 1	5.976	5.979	5.976	5.975	5.974						5.906 - 6.046	5.976
PCB-1260 Peak 2	7.484	7.488	7.486	7.484	7.483						7.416 - 7.556	7.485
PCB-1260 Peak 3	8.112	8.114	8.111	8.109	8.108						8.041 - 8.181	8.111
PCB-1260 Peak 4	8.744	8.745	8.744	8.742	8.740						8.674 - 8.814	8.743
PCB-1260 Peak 5	10.070	10.067	10.066	10.064	10.063						9.996 - 10.136	10.066
Tetrachloro-m-xylene	1.610	1.611	1.611	1.611	1.610						1.561 - 1.661	1.611
DCB Decachlorobiphenyl	10.569	10.569	10.568	10.568	10.567						10.468 - 10.668	10.568

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 09:20 Calibration End Date: 09/09/2013 10:23 Calibration ID: 29166

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/2	VR489182.D
Level 2	IC 460-180324/3	VR489183.D
Level 3	IC 460-180324/4	VR489184.D
Level 4	IC 460-180324/5	VR489185.D
Level 5	IC 460-180324/6	VR489186.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	37712 34507	40614	39430	34371	Ave		37326.7122				7.6		20.0			
PCB-1016 Peak 2	77778 57395	71442	66133	58001	Ave		66150.0117				13.0		20.0			
PCB-1016 Peak 3	154205 122517	146952	140260	122770	Ave		137340.921				10.0		20.0			
PCB-1016 Peak 4	38872 49858	54563	55535	49072	Ave		49579.9635				13.0		20.0			
PCB-1016 Peak 5	67136 49683	51149	52209	47061	Ave		53447.8215				15.0		20.0			
PCB-1260 Peak 1	87779 70581	75331	76070	68701	Ave		75692.3858				9.8		20.0			
PCB-1260 Peak 2	90278 71216	71235	75542	66731	Ave		75000.4250				12.0		20.0			
PCB-1260 Peak 3	230166 195018	207648	210469	186748	Ave		206009.587				8.0		20.0			
PCB-1260 Peak 4	96172 84790	83554	87197	78985	Ave		86139.6247				7.4		20.0			
PCB-1260 Peak 5	71968 54097	54001	50595	48379	Ave		55807.8549				17.0		20.0			
Tetrachloro-m-xylene	1805958 1411707	1635273	1585093	1311514	Ave		1549908.93				12.0		20.0			
DCB Decachlorobiphenyl	843230 877711	864195	915871	771629	Ave		854527.111				6.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 09:20 Calibration End Date: 09/09/2013 10:23 Calibration ID: 29166

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/2	VR489182.D
Level 2	IC 460-180324/3	VR489183.D
Level 3	IC 460-180324/4	VR489184.D
Level 4	IC 460-180324/5	VR489185.D
Level 5	IC 460-180324/6	VR489186.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	3771180	20306981	39430374	51555810	86267213	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	7777812	35721164	66132848	87002182	143488269	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	15420516	73475892	140260415	184154934	306293230	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	3887180	27281308	55534971	73608114	124645886	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	6713600	25574736	52209034	70591734	124208614	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	8777871	37665420	76070110	103052172	176452052	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	9027816	35617693	75541693	100096013	178040527	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	23016611	103823993	210468598	280121410	487544086	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	9617202	41777079	87197183	118477610	211974223	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	7196750	27000616	50595048	72568120	135241869	100	500	1000	1500	2500
Tetrachloro-m-xylene	Ave	45148941	81763667	158509298	196727068	282341382	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	21080740	43209743	91587101	115744327	175542248	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.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 10:39 Calibration End Date: 09/09/2013 10:39 Calibration ID: 29171

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/7	VR489187.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.687										1.617 - 1.757	1.687
PCB-1221 Peak 2	2.709										2.639 - 2.779	2.709
PCB-1221 Peak 3	2.914										2.844 - 2.984	2.914
PCB-1221 Peak 4	3.004										2.934 - 3.074	3.004
PCB-1221 Peak 5	3.802										3.732 - 3.872	3.802

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 10:39 Calibration End Date: 09/09/2013 10:39 Calibration ID: 29171

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/7	VR489187.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	8690.3				Ave		8690.31900						20.0			
PCB-1221 Peak 2	23896				Ave		23896.2330						20.0			
PCB-1221 Peak 3	14602				Ave		14602.1380						20.0			
PCB-1221 Peak 4	52220				Ave		52219.6860						20.0			
PCB-1221 Peak 5	5466.3				Ave		5466.31700						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.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 10:39 Calibration End Date: 09/09/2013 10:39 Calibration ID: 29171

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/7	VR489187.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	8690319					1000				
PCB-1221 Peak 2	Ave	23896233					1000				
PCB-1221 Peak 3	Ave	14602138					1000				
PCB-1221 Peak 4	Ave	52219686					1000				
PCB-1221 Peak 5	Ave	5466317					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 10:39 Calibration End Date: 09/09/2013 10:39 Calibration ID: 29172

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/7	VR489187.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.814										1.744 - 1.884	1.814
PCB-1221 Peak 2	2.034										1.964 - 2.104	2.034
PCB-1221 Peak 3	2.624										2.554 - 2.694	2.624
PCB-1221 Peak 4	3.065										2.995 - 3.135	3.065
PCB-1221 Peak 5	3.412										3.342 - 3.482	3.412

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 10:39 Calibration End Date: 09/09/2013 10:39 Calibration ID: 29172

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/7	VR489187.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	20907				Ave		20907.2800						20.0			
PCB-1221 Peak 2	58070				Ave		58069.8300						20.0			
PCB-1221 Peak 3	7889.0				Ave		7889.04700						20.0			
PCB-1221 Peak 4	11571				Ave		11570.5490						20.0			
PCB-1221 Peak 5	12652				Ave		12652.2110						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.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 10:39 Calibration End Date: 09/09/2013 10:39 Calibration ID: 29172

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/7	VR489187.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	20907280					1000				
PCB-1221 Peak 2	Ave	58069830					1000				
PCB-1221 Peak 3	Ave	7889047					1000				
PCB-1221 Peak 4	Ave	11570549					1000				
PCB-1221 Peak 5	Ave	12652211					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 10:54 Calibration End Date: 09/09/2013 10:54 Calibration ID: 29249

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/8	VR489188.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	3.003										2.933 - 3.073	3.003
PCB-1232 Peak 2	3.709										3.639 - 3.779	3.709
PCB-1232 Peak 3	4.791										4.721 - 4.861	4.791
PCB-1232 Peak 4	5.616										5.546 - 5.686	5.616
PCB-1232 Peak 5	5.828										5.758 - 5.898	5.828

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 10:54 Calibration End Date: 09/09/2013 10:54 Calibration ID: 29249

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/8	VR489188.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	44268				Ave		44267.8990						20.0			
PCB-1232 Peak 2	27940				Ave		27939.7810						20.0			
PCB-1232 Peak 3	24563				Ave		24562.5960						20.0			
PCB-1232 Peak 4	14377				Ave		14377.1920						20.0			
PCB-1232 Peak 5	16431				Ave		16431.2420						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.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 10:54 Calibration End Date: 09/09/2013 10:54 Calibration ID: 29249

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/8	VR489188.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	44267899					1000				
PCB-1232 Peak 2	Ave	27939781					1000				
PCB-1232 Peak 3	Ave	24562596					1000				
PCB-1232 Peak 4	Ave	14377192					1000				
PCB-1232 Peak 5	Ave	16431242					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 10:54 Calibration End Date: 09/09/2013 10:54 Calibration ID: 29250

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/8	VR489188.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.033										1.963 - 2.103	2.033
PCB-1232 Peak 2	2.471										2.401 - 2.541	2.471
PCB-1232 Peak 3	3.063										2.993 - 3.133	3.063
PCB-1232 Peak 4	3.253										3.183 - 3.323	3.253
PCB-1232 Peak 5	3.953										3.883 - 4.023	3.953

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 10:54 Calibration End Date: 09/09/2013 10:54 Calibration ID: 29250

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/8	VR489188.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	47691				Ave		47690.5890						20.0			
PCB-1232 Peak 2	34962				Ave		34961.5280						20.0			
PCB-1232 Peak 3	69260				Ave		69260.3120						20.0			
PCB-1232 Peak 4	24953				Ave		24953.1210						20.0			
PCB-1232 Peak 5	22817				Ave		22817.3850						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.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 10:54 Calibration End Date: 09/09/2013 10:54 Calibration ID: 29250

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/8	VR489188.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	47690589					1000				
PCB-1232 Peak 2	Ave	34961528					1000				
PCB-1232 Peak 3	Ave	69260312					1000				
PCB-1232 Peak 4	Ave	24953121					1000				
PCB-1232 Peak 5	Ave	22817385					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:10 Calibration End Date: 09/09/2013 11:10 Calibration ID: 29255

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/9	VR489189.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	3.001										2.931 - 3.071	3.001
PCB-1242 Peak 2	3.705										3.635 - 3.775	3.705
PCB-1242 Peak 3	4.544										4.474 - 4.614	4.544
PCB-1242 Peak 4	4.790										4.720 - 4.860	4.790
PCB-1242 Peak 5	6.338										6.268 - 6.408	6.338

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:10 Calibration End Date: 09/09/2013 11:10 Calibration ID: 29255

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/9	VR489189.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	33625				Ave		33624.6520						20.0			
PCB-1242 Peak 2	49406				Ave		49406.2930						20.0			
PCB-1242 Peak 3	91221				Ave		91220.7700						20.0			
PCB-1242 Peak 4	41737				Ave		41737.4090						20.0			
PCB-1242 Peak 5	36426				Ave		36425.5130						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.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:10 Calibration End Date: 09/09/2013 11:10 Calibration ID: 29255

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/9	VR489189.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	33624652					1000				
PCB-1242 Peak 2	Ave	49406293					1000				
PCB-1242 Peak 3	Ave	91220770					1000				
PCB-1242 Peak 4	Ave	41737409					1000				
PCB-1242 Peak 5	Ave	36425513					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:10 Calibration End Date: 09/09/2013 11:10 Calibration ID: 29256

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/9	VR489189.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.035										1.965 - 2.105	2.035
PCB-1242 Peak 2	2.471										2.401 - 2.541	2.471
PCB-1242 Peak 3	3.062										2.992 - 3.132	3.062
PCB-1242 Peak 4	3.252										3.182 - 3.322	3.252
PCB-1242 Peak 5	3.953										3.883 - 4.023	3.953

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:10 Calibration End Date: 09/09/2013 11:10 Calibration ID: 29256

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/9	VR489189.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	37274				Ave		37274.3170						20.0			
PCB-1242 Peak 2	63957				Ave		63956.8080						20.0			
PCB-1242 Peak 3	128943				Ave		128943.266						20.0			
PCB-1242 Peak 4	51152				Ave		51151.5550						20.0			
PCB-1242 Peak 5	48556				Ave		48556.0720						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.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:10 Calibration End Date: 09/09/2013 11:10 Calibration ID: 29256

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/9	VR489189.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	37274317					1000				
PCB-1242 Peak 2	Ave	63956808					1000				
PCB-1242 Peak 3	Ave	128943266					1000				
PCB-1242 Peak 4	Ave	51151555					1000				
PCB-1242 Peak 5	Ave	48556072					1000				

Curve Type Legend:
Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:26 Calibration End Date: 09/09/2013 11:26 Calibration ID: 29189

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/10	VR489190.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.703										3.633 - 3.773	3.703
PCB-1248 Peak 2	4.541										4.471 - 4.611	4.541
PCB-1248 Peak 3	5.156										5.086 - 5.226	5.156
PCB-1248 Peak 4	6.266										6.196 - 6.336	6.266
PCB-1248 Peak 5	6.336										6.266 - 6.406	6.336

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:26 Calibration End Date: 09/09/2013 11:26 Calibration ID: 29189

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/10	VR489190.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	26065				Ave		26065.4660						20.0			
PCB-1248 Peak 2	56306				Ave		56305.5700						20.0			
PCB-1248 Peak 3	31870				Ave		31870.0450						20.0			
PCB-1248 Peak 4	41860				Ave		41860.0280						20.0			
PCB-1248 Peak 5	54529				Ave		54529.4340						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.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:26 Calibration End Date: 09/09/2013 11:26 Calibration ID: 29189

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/10	VR489190.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	26065466					1000				
PCB-1248 Peak 2	Ave	56305570					1000				
PCB-1248 Peak 3	Ave	31870045					1000				
PCB-1248 Peak 4	Ave	41860028					1000				
PCB-1248 Peak 5	Ave	54529434					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:26 Calibration End Date: 09/09/2013 11:26 Calibration ID: 29190

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/10	VR489190.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.469										2.399 - 2.539	2.469
PCB-1248 Peak 2	3.060										2.990 - 3.130	3.060
PCB-1248 Peak 3	3.951										3.881 - 4.021	3.951
PCB-1248 Peak 4	4.690										4.620 - 4.760	4.690
PCB-1248 Peak 5	5.031										4.961 - 5.101	5.031

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:26 Calibration End Date: 09/09/2013 11:26 Calibration ID: 29190

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/10	VR489190.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	31499				Ave		31499.4430						20.0			
PCB-1248 Peak 2	75429				Ave		75429.4010						20.0			
PCB-1248 Peak 3	65234				Ave		65233.6050						20.0			
PCB-1248 Peak 4	114235				Ave		114235.012						20.0			
PCB-1248 Peak 5	53588				Ave		53587.6100						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.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:26 Calibration End Date: 09/09/2013 11:26 Calibration ID: 29190

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/10	VR489190.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	31499443					1000				
PCB-1248 Peak 2	Ave	75429401					1000				
PCB-1248 Peak 3	Ave	65233605					1000				
PCB-1248 Peak 4	Ave	114235012					1000				
PCB-1248 Peak 5	Ave	53587610					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:42 Calibration End Date: 09/09/2013 11:42 Calibration ID: 29195

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/11	VR489191.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	6.333										6.263 - 6.403	6.333
PCB-1254 Peak 2	6.656										6.586 - 6.726	6.656
PCB-1254 Peak 3	7.248										7.178 - 7.318	7.248
PCB-1254 Peak 4	7.466										7.396 - 7.536	7.466
PCB-1254 Peak 5	9.207										9.137 - 9.277	9.207

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:42 Calibration End Date: 09/09/2013 11:42 Calibration ID: 29195

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/11	VR489191.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	52225				Ave		52225.3370						20.0			
PCB-1254 Peak 2	53250				Ave		53249.9220						20.0			
PCB-1254 Peak 3	43653				Ave		43652.8340						20.0			
PCB-1254 Peak 4	91900				Ave		91899.8480						20.0			
PCB-1254 Peak 5	113245				Ave		113244.753						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.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:42 Calibration End Date: 09/09/2013 11:42 Calibration ID: 29195

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/11	VR489191.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	52225337					1000				
PCB-1254 Peak 2	Ave	53249922					1000				
PCB-1254 Peak 3	Ave	43652834					1000				
PCB-1254 Peak 4	Ave	91899848					1000				
PCB-1254 Peak 5	Ave	113244753					1000				

Curve Type Legend:
Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:42 Calibration End Date: 09/09/2013 11:42 Calibration ID: 29196

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/11	VR489191.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	5.475										5.405 - 5.545	5.475
PCB-1254 Peak 2	5.675										5.605 - 5.745	5.675
PCB-1254 Peak 3	6.124										6.054 - 6.194	6.124
PCB-1254 Peak 4	6.423										6.353 - 6.493	6.423
PCB-1254 Peak 5	6.863										6.793 - 6.933	6.863

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:42 Calibration End Date: 09/09/2013 11:42 Calibration ID: 29196

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/11	VR489191.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	61254				Ave		61253.6380						20.0			
PCB-1254 Peak 2	111963				Ave		111963.283						20.0			
PCB-1254 Peak 3	101772				Ave		101772.120						20.0			
PCB-1254 Peak 4	81693				Ave		81692.8640						20.0			
PCB-1254 Peak 5	106424				Ave		106424.434						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.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:42 Calibration End Date: 09/09/2013 11:42 Calibration ID: 29196

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/11	VR489191.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	61253638					1000				
PCB-1254 Peak 2	Ave	111963283					1000				
PCB-1254 Peak 3	Ave	101772120					1000				
PCB-1254 Peak 4	Ave	81692864					1000				
PCB-1254 Peak 5	Ave	106424434					1000				

Curve Type Legend:
Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:58 Calibration End Date: 09/09/2013 11:58 Calibration ID: 29261

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/12	VR489192.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	7.851										7.781 - 7.921	7.851
PCB-1262 Peak 2	8.311										8.241 - 8.381	8.311
PCB-1262 Peak 3	9.425										9.355 - 9.495	9.425
PCB-1262 Peak 4	10.675										10.605 - 10.745	10.675
PCB-1262 Peak 5	11.156										11.086 - 11.226	11.156

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:58 Calibration End Date: 09/09/2013 11:58 Calibration ID: 29261

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/12	VR489192.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	61539				Ave		61538.6440						20.0			
PCB-1262 Peak 2	89292				Ave		89291.6480						20.0			
PCB-1262 Peak 3	115548				Ave		115547.655						20.0			
PCB-1262 Peak 4	68126				Ave		68125.9820						20.0			
PCB-1262 Peak 5	37098				Ave		37098.4710						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.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:58 Calibration End Date: 09/09/2013 11:58 Calibration ID: 29261

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/12	VR489192.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	61538644					1000				
PCB-1262 Peak 2	Ave	89291648					1000				
PCB-1262 Peak 3	Ave	115547655					1000				
PCB-1262 Peak 4	Ave	68125982					1000				
PCB-1262 Peak 5	Ave	37098471					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:58 Calibration End Date: 09/09/2013 11:58 Calibration ID: 29262

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/12	VR489192.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	5.973										5.903 - 6.043	5.973
PCB-1262 Peak 2	7.056										6.986 - 7.126	7.056
PCB-1262 Peak 3	8.738										8.668 - 8.808	8.738
PCB-1262 Peak 4	8.956										8.886 - 9.026	8.956
PCB-1262 Peak 5	10.063										9.993 - 10.133	10.063

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:58 Calibration End Date: 09/09/2013 11:58 Calibration ID: 29262

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/12	VR489192.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	67856				Ave		67855.6350						20.0			
PCB-1262 Peak 2	131168				Ave		131167.793						20.0			
PCB-1262 Peak 3	75587				Ave		75587.0660						20.0			
PCB-1262 Peak 4	132658				Ave		132657.725						20.0			
PCB-1262 Peak 5	76696				Ave		76695.9730						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.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 11:58 Calibration End Date: 09/09/2013 11:58 Calibration ID: 29262

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/12	VR489192.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	67855635					1000				
PCB-1262 Peak 2	Ave	131167793					1000				
PCB-1262 Peak 3	Ave	75587066					1000				
PCB-1262 Peak 4	Ave	132657725					1000				
PCB-1262 Peak 5	Ave	76695973					1000				

Curve Type Legend:

Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 12:14 Calibration End Date: 09/09/2013 12:14 Calibration ID: 29207

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/13	VR489193.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	10.673										10.603 - 10.743	10.673
PCB-1268 Peak 2	10.712										10.642 - 10.782	10.712
PCB-1268 Peak 3	10.927										10.857 - 10.997	10.927
PCB-1268 Peak 4	11.158										11.088 - 11.228	11.158
PCB-1268 Peak 5	11.409										11.339 - 11.479	11.409

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 12:14 Calibration End Date: 09/09/2013 12:14 Calibration ID: 29207

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/13	VR489193.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	101264				Ave		101264.109						20.0			
PCB-1268 Peak 2	117639				Ave		117638.794						20.0			
PCB-1268 Peak 3	91239				Ave		91239.4170						20.0			
PCB-1268 Peak 4	38734				Ave		38734.1070						20.0			
PCB-1268 Peak 5	206699				Ave		206698.972						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.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 12:14 Calibration End Date: 09/09/2013 12:14 Calibration ID: 29207

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/13	VR489193.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	101264109					1000				
PCB-1268 Peak 2	Ave	117638794					1000				
PCB-1268 Peak 3	Ave	91239417					1000				
PCB-1268 Peak 4	Ave	38734107					1000				
PCB-1268 Peak 5	Ave	206698972					1000				

Curve Type Legend:
Ave = Average

FORM VI

PCBS INITIAL CALIBRATION DATA

EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 12:14 Calibration End Date: 09/09/2013 12:14 Calibration ID: 29208

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/13	VR489193.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	8.845										8.775 - 8.915	8.845
PCB-1268 Peak 2	8.940										8.870 - 9.010	8.940
PCB-1268 Peak 3	9.425										9.355 - 9.495	9.425
PCB-1268 Peak 4	10.063										9.993 - 10.133	10.063
PCB-1268 Peak 5	10.400										10.330 - 10.470	10.400

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 12:14 Calibration End Date: 09/09/2013 12:14 Calibration ID: 29208

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/13	VR489193.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	241396				Ave		241395.726						20.0			
PCB-1268 Peak 2	248981				Ave		248981.232						20.0			
PCB-1268 Peak 3	203255				Ave		203255.421						20.0			
PCB-1268 Peak 4	80261				Ave		80260.9240						20.0			
PCB-1268 Peak 5	330375				Ave		330375.239						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.: 460-62968-1 Analy Batch No.: 180324

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/09/2013 12:14 Calibration End Date: 09/09/2013 12:14 Calibration ID: 29208

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-180324/13	VR489193.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	241395726					1000				
PCB-1268 Peak 2	Ave	248981232					1000				
PCB-1268 Peak 3	Ave	203255421					1000				
PCB-1268 Peak 4	Ave	80260924					1000				
PCB-1268 Peak 5	Ave	330375239					1000				

Curve Type Legend:

Ave = Average

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181491/13 Calibration Date: 09/16/2013 08:53

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: OR208062.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	150.6		980	1000	-2.0	15.0
PCB-1016 Peak 2	Ave	312.2	306.3		981	1000	-1.9	15.0
PCB-1016 Peak 3	Ave	571.7	568.4		994	1000	-0.6	15.0
PCB-1016 Peak 4	Ave	181.9	179.7		988	1000	-1.2	15.0
PCB-1016 Peak 5	Ave	220.6	226.2		1030	1000	2.5	15.0
PCB-1260 Peak 1	Ave	367.0	367.0		1000	1000	-0.0	15.0
PCB-1260 Peak 2	Ave	430.0	423.3		984	1000	-1.6	15.0
PCB-1260 Peak 3	Ave	402.6	390.3		970	1000	-3.0	15.0
PCB-1260 Peak 4	Ave	677.9	682.4		1010	1000	0.7	15.0
PCB-1260 Peak 5	Ave	158.7	164.6		1040	1000	3.7	15.0
Tetrachloro-m-xylene	Ave	6887	7508		109	100	9.0	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.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181491/13 Calibration Date: 09/16/2013 08:53

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: OR208062.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.09	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	9.01	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.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181491/13 Calibration Date: 09/16/2013 08:53

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: OR208062.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	235.9		1050	1000	4.7	15.0
PCB-1016 Peak 2	Ave	354.9	359.7		1010	1000	1.3	15.0
PCB-1016 Peak 3	Ave	771.1	764.3		991	1000	-0.9	15.0
PCB-1016 Peak 4	Ave	291.5	290.7		997	1000	-0.3	15.0
PCB-1016 Peak 5	Ave	315.5	312.8		991	1000	-0.9	15.0
PCB-1260 Peak 1	Ave	433.1	448.8		1040	1000	3.6	15.0
PCB-1260 Peak 2	Ave	405.4	408.8		1010	1000	0.8	15.0
PCB-1260 Peak 3	Ave	964.6	999		1040	1000	3.5	15.0
PCB-1260 Peak 4	Ave	496.8	505.4		1020	1000	1.7	15.0
PCB-1260 Peak 5	Ave	303.3	308.3		1020	1000	1.6	15.0
Tetrachloro-m-xylene	Ave	8720	9509		109	100	9.0	15.0
DCB Decachlorobiphenyl	Ave	7052	7487		106	100	6.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181491/13 Calibration Date: 09/16/2013 08:53

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: OR208062.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	5.12	5.05	5.19
PCB-1260 Peak 2	6.27	6.21	6.35
PCB-1260 Peak 3	6.75	6.68	6.82
PCB-1260 Peak 4	7.23	7.17	7.31
PCB-1260 Peak 5	8.61	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.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181491/26 Calibration Date: 09/16/2013 13:19

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: OR208075.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	153.8		1000	1000	0.1	15.0
PCB-1016 Peak 2	Ave	312.2	305.0		977	1000	-2.3	15.0
PCB-1016 Peak 3	Ave	571.7	566.1		990	1000	-1.0	15.0
PCB-1016 Peak 4	Ave	181.9	181.2		996	1000	-0.4	15.0
PCB-1016 Peak 5	Ave	220.6	230.4		1040	1000	4.4	15.0
PCB-1260 Peak 1	Ave	367.0	362.8		988	1000	-1.2	15.0
PCB-1260 Peak 2	Ave	430.0	418.3		973	1000	-2.7	15.0
PCB-1260 Peak 3	Ave	402.6	390.7		970	1000	-3.0	15.0
PCB-1260 Peak 4	Ave	677.9	691.7		1020	1000	2.0	15.0
PCB-1260 Peak 5	Ave	158.7	167.3		1050	1000	5.4	15.0
Tetrachloro-m-xylene	Ave	6887	7144		104	100	3.7	15.0
DCB Decachlorobiphenyl	Ave	3899	4179		107	100	7.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181491/26 Calibration Date: 09/16/2013 13:19

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: OR208075.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	8.99	8.94	9.08
PCB-1260 Peak 5	10.18	10.12	10.26
Tetrachloro-m-xylene	2.55	2.51	2.61
DCB Decachlorobiphenyl	10.71	10.61	10.81

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181491/26 Calibration Date: 09/16/2013 13:19

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: OR208075.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	221.3		982	1000	-1.8	15.0
PCB-1016 Peak 2	Ave	354.9	344.4		970	1000	-3.0	15.0
PCB-1016 Peak 3	Ave	771.1	752.2		975	1000	-2.5	15.0
PCB-1016 Peak 4	Ave	291.5	288.4		989	1000	-1.1	15.0
PCB-1016 Peak 5	Ave	315.5	312.4		990	1000	-1.0	15.0
PCB-1260 Peak 1	Ave	433.1	422.8		976	1000	-2.4	15.0
PCB-1260 Peak 2	Ave	405.4	394.3		973	1000	-2.7	15.0
PCB-1260 Peak 3	Ave	964.6	956.0		991	1000	-0.9	15.0
PCB-1260 Peak 4	Ave	496.8	480.4		967	1000	-3.3	15.0
PCB-1260 Peak 5	Ave	303.3	300.4		990	1000	-1.0	15.0
Tetrachloro-m-xylene	Ave	8720	8998		103	100	3.2	15.0
DCB Decachlorobiphenyl	Ave	7052	7346		104	100	4.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181491/26 Calibration Date: 09/16/2013 13:19

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: OR208075.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	5.12	5.05	5.19
PCB-1260 Peak 2	6.27	6.21	6.35
PCB-1260 Peak 3	6.75	6.68	6.82
PCB-1260 Peak 4	7.23	7.17	7.31
PCB-1260 Peak 5	8.61	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.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181600/34 Calibration Date: 09/16/2013 15:56

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: OR208083.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	157.8		1030	1000	2.7	15.0
PCB-1016 Peak 2	Ave	312.2	304.9		977	1000	-2.3	15.0
PCB-1016 Peak 3	Ave	571.7	563.7		986	1000	-1.4	15.0
PCB-1016 Peak 4	Ave	181.9	175.7		966	1000	-3.4	15.0
PCB-1016 Peak 5	Ave	220.6	228.9		1040	1000	3.7	15.0
PCB-1260 Peak 1	Ave	367.0	359.6		980	1000	-2.0	15.0
PCB-1260 Peak 2	Ave	430.0	416.0		967	1000	-3.3	15.0
PCB-1260 Peak 3	Ave	402.6	383.2		952	1000	-4.8	15.0
PCB-1260 Peak 4	Ave	677.9	678.6		1000	1000	0.1	15.0
PCB-1260 Peak 5	Ave	158.7	162.0		1020	1000	2.1	15.0
Tetrachloro-m-xylene	Ave	6887	6972		101	100	1.2	15.0
DCB Decachlorobiphenyl	Ave	3899	4041		104	100	3.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181600/34 Calibration Date: 09/16/2013 15:56

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: OR208083.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	4.12	4.04	4.18
PCB-1016 Peak 4	4.88	4.80	4.94
PCB-1016 Peak 5	5.04	4.96	5.10
PCB-1260 Peak 1	6.58	6.51	6.65
PCB-1260 Peak 2	6.93	6.85	6.99
PCB-1260 Peak 3	8.50	8.43	8.57
PCB-1260 Peak 4	9.01	8.94	9.08
PCB-1260 Peak 5	10.20	10.12	10.26
Tetrachloro-m-xylene	2.57	2.51	2.61
DCB Decachlorobiphenyl	10.72	10.61	10.81

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181600/34 Calibration Date: 09/16/2013 15:56

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: OR208083.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	213.5		948	1000	-5.2	15.0
PCB-1016 Peak 2	Ave	354.9	340.1		958	1000	-4.2	15.0
PCB-1016 Peak 3	Ave	771.1	714.3		926	1000	-7.4	15.0
PCB-1016 Peak 4	Ave	291.5	276.8		949	1000	-5.1	15.0
PCB-1016 Peak 5	Ave	315.5	295.4		937	1000	-6.3	15.0
PCB-1260 Peak 1	Ave	433.1	409.7		946	1000	-5.4	15.0
PCB-1260 Peak 2	Ave	405.4	376.8		930	1000	-7.0	15.0
PCB-1260 Peak 3	Ave	964.6	928.4		962	1000	-3.8	15.0
PCB-1260 Peak 4	Ave	496.8	474.8		956	1000	-4.4	15.0
PCB-1260 Peak 5	Ave	303.3	309.1		1020	1000	1.9	15.0
Tetrachloro-m-xylene	Ave	8720	8614		98.8	100	-1.2	15.0
DCB Decachlorobiphenyl	Ave	7052	7135		101	100	1.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181600/34 Calibration Date: 09/16/2013 15:56

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: OR208083.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.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181600/55 Calibration Date: 09/16/2013 22:29

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: OR208104.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	154.7		1010	1000	0.7	15.0
PCB-1016 Peak 2	Ave	312.2	309.0		990	1000	-1.0	15.0
PCB-1016 Peak 3	Ave	571.7	574.3		1000	1000	0.5	15.0
PCB-1016 Peak 4	Ave	181.9	182.5		1000	1000	0.4	15.0
PCB-1016 Peak 5	Ave	220.6	231.8		1050	1000	5.1	15.0
PCB-1260 Peak 1	Ave	367.0	371.7		1010	1000	1.3	15.0
PCB-1260 Peak 2	Ave	430.0	428.3		996	1000	-0.4	15.0
PCB-1260 Peak 3	Ave	402.6	393.7		978	1000	-2.2	15.0
PCB-1260 Peak 4	Ave	677.9	680.4		1000	1000	0.4	15.0
PCB-1260 Peak 5	Ave	158.7	166.6		1050	1000	5.0	15.0
Tetrachloro-m-xylene	Ave	6887	7453		108	100	8.2	15.0
DCB Decachlorobiphenyl	Ave	3899	4160		107	100	6.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181600/55 Calibration Date: 09/16/2013 22:29

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: OR208104.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	10.71	10.61	10.81

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181600/55 Calibration Date: 09/16/2013 22:29

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: OR208104.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	230.1		1020	1000	2.2	15.0
PCB-1016 Peak 2	Ave	354.9	351.5		990	1000	-1.0	15.0
PCB-1016 Peak 3	Ave	771.1	775.5		1010	1000	0.6	15.0
PCB-1016 Peak 4	Ave	291.5	289.0		992	1000	-0.8	15.0
PCB-1016 Peak 5	Ave	315.5	310.6		985	1000	-1.5	15.0
PCB-1260 Peak 1	Ave	433.1	425.1		981	1000	-1.9	15.0
PCB-1260 Peak 2	Ave	405.4	388.1		957	1000	-4.3	15.0
PCB-1260 Peak 3	Ave	964.6	955.2		990	1000	-1.0	15.0
PCB-1260 Peak 4	Ave	496.8	483.9		974	1000	-2.6	15.0
PCB-1260 Peak 5	Ave	303.3	312.7		1030	1000	3.1	15.0
Tetrachloro-m-xylene	Ave	8720	9025		103	100	3.5	15.0
DCB Decachlorobiphenyl	Ave	7052	7366		104	100	4.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181600/55 Calibration Date: 09/16/2013 22:29

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: OR208104.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.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181607/57 Calibration Date: 09/16/2013 23:03

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: OR208106.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	153.0		996	1000	-0.4	15.0
PCB-1016 Peak 2	Ave	312.2	303.0		971	1000	-2.9	15.0
PCB-1016 Peak 3	Ave	571.7	567.9		993	1000	-0.7	15.0
PCB-1016 Peak 4	Ave	181.9	179.9		989	1000	-1.1	15.0
PCB-1016 Peak 5	Ave	220.6	227.1		1030	1000	2.9	15.0
PCB-1260 Peak 1	Ave	367.0	367.4		1000	1000	0.1	15.0
PCB-1260 Peak 2	Ave	430.0	422.7		983	1000	-1.7	15.0
PCB-1260 Peak 3	Ave	402.6	392.2		974	1000	-2.6	15.0
PCB-1260 Peak 4	Ave	677.9	680.1		1000	1000	0.3	15.0
PCB-1260 Peak 5	Ave	158.7	165.8		1040	1000	4.5	15.0
Tetrachloro-m-xylene	Ave	6887	7099		103	100	3.1	15.0
DCB Decachlorobiphenyl	Ave	3899	4165		107	100	6.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181607/57 Calibration Date: 09/16/2013 23:03

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: OR208106.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	5.02	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.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181607/57 Calibration Date: 09/16/2013 23:03

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: OR208106.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	220.2		977	1000	-2.3	15.0
PCB-1016 Peak 2	Ave	354.9	343.3		967	1000	-3.3	15.0
PCB-1016 Peak 3	Ave	771.1	733.8		952	1000	-4.8	15.0
PCB-1016 Peak 4	Ave	291.5	274.6		942	1000	-5.8	15.0
PCB-1016 Peak 5	Ave	315.5	295.2		936	1000	-6.4	15.0
PCB-1260 Peak 1	Ave	433.1	420.3		970	1000	-3.0	15.0
PCB-1260 Peak 2	Ave	405.4	386.9		954	1000	-4.6	15.0
PCB-1260 Peak 3	Ave	964.6	946.5		981	1000	-1.9	15.0
PCB-1260 Peak 4	Ave	496.8	479.3		965	1000	-3.5	15.0
PCB-1260 Peak 5	Ave	303.3	292.8		965	1000	-3.5	15.0
Tetrachloro-m-xylene	Ave	8720	8925		102	100	2.4	15.0
DCB Decachlorobiphenyl	Ave	7052	7347		104	100	4.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181607/57 Calibration Date: 09/16/2013 23:03

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: OR208106.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	3.27	3.20	3.34
PCB-1016 Peak 5	3.70	3.63	3.77
PCB-1260 Peak 1	5.12	5.05	5.19
PCB-1260 Peak 2	6.27	6.21	6.35
PCB-1260 Peak 3	6.75	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.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181607/75 Calibration Date: 09/17/2013 04:01

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: OR208124.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	159.6		1040	1000	3.9	15.0
PCB-1016 Peak 2	Ave	312.2	316.1		1010	1000	1.2	15.0
PCB-1016 Peak 3	Ave	571.7	580.2		1010	1000	1.5	15.0
PCB-1016 Peak 4	Ave	181.9	190.8		1050	1000	4.9	15.0
PCB-1016 Peak 5	Ave	220.6	236.3		1070	1000	7.1	15.0
PCB-1260 Peak 1	Ave	367.0	376.1		1020	1000	2.5	15.0
PCB-1260 Peak 2	Ave	430.0	433.7		1010	1000	0.9	15.0
PCB-1260 Peak 3	Ave	402.6	403.2		1000	1000	0.2	15.0
PCB-1260 Peak 4	Ave	677.9	711.4		1050	1000	4.9	15.0
PCB-1260 Peak 5	Ave	158.7	169.4		1070	1000	6.7	15.0
Tetrachloro-m-xylene	Ave	6887	7205		105	100	4.6	15.0
DCB Decachlorobiphenyl	Ave	3899	4249		109	100	9.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181607/75 Calibration Date: 09/17/2013 04:01

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: OR208124.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	10.71	10.61	10.81

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181607/75 Calibration Date: 09/17/2013 04:01

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: OR208124.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	230.9		1020	1000	2.5	15.0
PCB-1016 Peak 2	Ave	354.9	345.9		974	1000	-2.6	15.0
PCB-1016 Peak 3	Ave	771.1	755.8		980	1000	-2.0	15.0
PCB-1016 Peak 4	Ave	291.5	282.3		968	1000	-3.2	15.0
PCB-1016 Peak 5	Ave	315.5	300.5		953	1000	-4.7	15.0
PCB-1260 Peak 1	Ave	433.1	426.7		985	1000	-1.5	15.0
PCB-1260 Peak 2	Ave	405.4	390.9		964	1000	-3.6	15.0
PCB-1260 Peak 3	Ave	964.6	967.0		1000	1000	0.2	15.0
PCB-1260 Peak 4	Ave	496.8	486.4		979	1000	-2.1	15.0
PCB-1260 Peak 5	Ave	303.3	312.8		1030	1000	3.1	15.0
Tetrachloro-m-xylene	Ave	8720	9033		104	100	3.6	15.0
DCB Decachlorobiphenyl	Ave	7052	7465		106	100	5.9	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181607/75 Calibration Date: 09/17/2013 04:01

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: OR208124.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.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181716/2 Calibration Date: 09/17/2013 08:11

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: OR208128.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	147.7		961	1000	-3.9	15.0
PCB-1016 Peak 2	Ave	312.2	297.1		951	1000	-4.9	15.0
PCB-1016 Peak 3	Ave	571.7	550.0		962	1000	-3.8	15.0
PCB-1016 Peak 4	Ave	181.9	174.7		961	1000	-3.9	15.0
PCB-1016 Peak 5	Ave	220.6	221.5		1000	1000	0.4	15.0
PCB-1260 Peak 1	Ave	367.0	354.7		966	1000	-3.4	15.0
PCB-1260 Peak 2	Ave	430.0	409.0		951	1000	-4.9	15.0
PCB-1260 Peak 3	Ave	402.6	378.0		939	1000	-6.1	15.0
PCB-1260 Peak 4	Ave	677.9	668.5		986	1000	-1.4	15.0
PCB-1260 Peak 5	Ave	158.7	160.1		1010	1000	0.9	15.0
Tetrachloro-m-xylene	Ave	6887	6884		100	100	-0.0	15.0
DCB Decachlorobiphenyl	Ave	3899	4032		103	100	3.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181716/2 Calibration Date: 09/17/2013 08:11

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: OR208128.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.09	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	10.18	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.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181716/2 Calibration Date: 09/17/2013 08:11

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: OR208128.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	225.2		1000	1000	-0.0	15.0
PCB-1016 Peak 2	Ave	354.9	342.6		965	1000	-3.5	15.0
PCB-1016 Peak 3	Ave	771.1	735.4		954	1000	-4.6	15.0
PCB-1016 Peak 4	Ave	291.5	282.9		970	1000	-3.0	15.0
PCB-1016 Peak 5	Ave	315.5	304.0		964	1000	-3.6	15.0
PCB-1260 Peak 1	Ave	433.1	419.6		969	1000	-3.1	15.0
PCB-1260 Peak 2	Ave	405.4	382.6		944	1000	-5.6	15.0
PCB-1260 Peak 3	Ave	964.6	936.7		971	1000	-2.9	15.0
PCB-1260 Peak 4	Ave	496.8	473.4		953	1000	-4.7	15.0
PCB-1260 Peak 5	Ave	303.3	303.9		1000	1000	0.2	15.0
Tetrachloro-m-xylene	Ave	8720	8833		101	100	1.3	15.0
DCB Decachlorobiphenyl	Ave	7052	7190		102	100	2.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181716/2 Calibration Date: 09/17/2013 08:11

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: OR208128.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.35	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	3.27	3.20	3.34
PCB-1016 Peak 5	3.70	3.63	3.77
PCB-1260 Peak 1	5.12	5.05	5.19
PCB-1260 Peak 2	6.27	6.21	6.35
PCB-1260 Peak 3	6.75	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.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181716/17 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.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181716/17 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.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181716/17 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.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181716/17 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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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 VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181549/5 Calibration Date: 09/16/2013 11:55

Instrument ID: CPESTGC9 Calib Start Date: 09/09/2013 09:20

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/09/2013 10:23

Lab File ID: VR489390.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	31358	35494		1130	1000	13.2	15.0
PCB-1016 Peak 2	Ave	55155	60155		1090	1000	9.1	15.0
PCB-1016 Peak 3	Ave	101881	104566		1030	1000	2.6	15.0
PCB-1016 Peak 4	Ave	32061	32240		1010	1000	0.6	15.0
PCB-1016 Peak 5	Ave	36531	38617		1060	1000	5.7	15.0
PCB-1260 Peak 1	Ave	63532	65172		1030	1000	2.6	15.0
PCB-1260 Peak 2	Ave	94751	80758		852	1000	-14.8	15.0
PCB-1260 Peak 3	Ave	46988	48901		1040	1000	4.1	15.0
PCB-1260 Peak 4	Ave	95825	81494		850	1000	-15.0	15.0
PCB-1260 Peak 5	Ave	22527	19589		870	1000	-13.0	15.0
Tetrachloro-m-xylene	Ave	1455318	1530520		105	100	5.2	15.0
DCB Decachlorobiphenyl	Ave	524364	473869		90.4	100	-9.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181549/5 Calibration Date: 09/16/2013 11:55

Instrument ID: CPESTGC9 Calib Start Date: 09/09/2013 09:20

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/09/2013 10:23

Lab File ID: VR489390.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.00	2.93	3.07
PCB-1016 Peak 2	3.70	3.64	3.78
PCB-1016 Peak 3	4.54	4.48	4.62
PCB-1016 Peak 4	5.62	5.55	5.69
PCB-1016 Peak 5	5.83	5.76	5.90
PCB-1260 Peak 1	7.85	7.79	7.93
PCB-1260 Peak 2	8.31	8.24	8.38
PCB-1260 Peak 3	9.99	9.92	10.06
PCB-1260 Peak 4	10.34	10.27	10.41
PCB-1260 Peak 5	11.16	11.09	11.23
Tetrachloro-m-xylene	2.27	2.23	2.33
DCB Decachlorobiphenyl	11.60	11.50	11.70

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181549/5 Calibration Date: 09/16/2013 11:55

Instrument ID: CPESTGC9 Calib Start Date: 09/09/2013 09:20

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/09/2013 10:23

Lab File ID: VR489390.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	37327	41645		1120	1000	11.6	15.0
PCB-1016 Peak 2	Ave	66150	68254		1030	1000	3.2	15.0
PCB-1016 Peak 3	Ave	137341	148891		1080	1000	8.4	15.0
PCB-1016 Peak 4	Ave	49580	58458		1180	1000	17.9*	15.0
PCB-1016 Peak 5	Ave	53448	55944		1050	1000	4.7	15.0
PCB-1260 Peak 1	Ave	75692	74471		984	1000	-1.6	15.0
PCB-1260 Peak 2	Ave	75000	70339		938	1000	-6.2	15.0
PCB-1260 Peak 3	Ave	206010	199142		967	1000	-3.3	15.0
PCB-1260 Peak 4	Ave	86140	91057		1060	1000	5.7	15.0
PCB-1260 Peak 5	Ave	55808	51585		924	1000	-7.6	15.0
Tetrachloro-m-xylene	Ave	1549909	942723		60.8	100	-39.2*	15.0
DCB Decachlorobiphenyl	Ave	854527	948313		111	100	11.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181549/5 Calibration Date: 09/16/2013 11:55

Instrument ID: CPESTGC9 Calib Start Date: 09/09/2013 09:20

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/09/2013 10:23

Lab File ID: VR489390.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.01	1.97	2.11
PCB-1016 Peak 2	2.44	2.40	2.54
PCB-1016 Peak 3	3.04	3.00	3.14
PCB-1016 Peak 4	3.23	3.18	3.32
PCB-1016 Peak 5	3.93	3.88	4.02
PCB-1260 Peak 1	5.96	5.91	6.05
PCB-1260 Peak 2	7.47	7.42	7.56
PCB-1260 Peak 3	8.10	8.04	8.18
PCB-1260 Peak 4	8.73	8.67	8.81
PCB-1260 Peak 5	10.06	10.00	10.14
Tetrachloro-m-xylene	1.58	1.56	1.66
DCB Decachlorobiphenyl	10.56	10.47	10.67

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181549/17 Calibration Date: 09/16/2013 16:08

Instrument ID: CPESTGC9 Calib Start Date: 09/09/2013 09:20

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/09/2013 10:23

Lab File ID: VR489402.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	31358	35805		1140	1000	14.2	15.0
PCB-1016 Peak 2	Ave	55155	59216		1070	1000	7.4	15.0
PCB-1016 Peak 3	Ave	101881	107487		1060	1000	5.5	15.0
PCB-1016 Peak 4	Ave	32061	33437		1040	1000	4.3	15.0
PCB-1016 Peak 5	Ave	36531	41479		1140	1000	13.5	15.0
PCB-1260 Peak 1	Ave	63532	68309		1080	1000	7.5	15.0
PCB-1260 Peak 2	Ave	94751	82575		871	1000	-12.9	15.0
PCB-1260 Peak 3	Ave	46988	49265		1050	1000	4.8	15.0
PCB-1260 Peak 4	Ave	95825	80611		841	1000	-15.9*	15.0
PCB-1260 Peak 5	Ave	22527	19414		862	1000	-13.8	15.0
Tetrachloro-m-xylene	Ave	1455318	1474956		101	100	1.3	15.0
DCB Decachlorobiphenyl	Ave	524364	467677		89.2	100	-10.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181549/17 Calibration Date: 09/16/2013 16:08

Instrument ID: CPESTGC9 Calib Start Date: 09/09/2013 09:20

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/09/2013 10:23

Lab File ID: VR489402.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.99	2.93	3.07
PCB-1016 Peak 2	3.70	3.64	3.78
PCB-1016 Peak 3	4.53	4.48	4.62
PCB-1016 Peak 4	5.61	5.55	5.69
PCB-1016 Peak 5	5.82	5.76	5.90
PCB-1260 Peak 1	7.85	7.79	7.93
PCB-1260 Peak 2	8.31	8.24	8.38
PCB-1260 Peak 3	9.98	9.92	10.06
PCB-1260 Peak 4	10.34	10.27	10.41
PCB-1260 Peak 5	11.16	11.09	11.23
Tetrachloro-m-xylene	2.27	2.23	2.33
DCB Decachlorobiphenyl	11.60	11.50	11.70

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181549/17 Calibration Date: 09/16/2013 16:08

Instrument ID: CPESTGC9 Calib Start Date: 09/09/2013 09:20

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/09/2013 10:23

Lab File ID: VR489402.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	37327	41388		1110	1000	10.9	15.0
PCB-1016 Peak 2	Ave	66150	69817		1060	1000	5.5	15.0
PCB-1016 Peak 3	Ave	137341	145216		1060	1000	5.7	15.0
PCB-1016 Peak 4	Ave	49580	56384		1140	1000	13.7	15.0
PCB-1016 Peak 5	Ave	53448	55061		1030	1000	3.0	15.0
PCB-1260 Peak 1	Ave	75692	75263		994	1000	-0.6	15.0
PCB-1260 Peak 2	Ave	75000	72403		965	1000	-3.5	15.0
PCB-1260 Peak 3	Ave	206010	201678		979	1000	-2.1	15.0
PCB-1260 Peak 4	Ave	86140	86668		1010	1000	0.6	15.0
PCB-1260 Peak 5	Ave	55808	53136		952	1000	-4.8	15.0
Tetrachloro-m-xylene	Ave	1549909	621930		40.1	100	-59.9*	15.0
DCB Decachlorobiphenyl	Ave	854527	973022		114	100	13.9	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181549/17 Calibration Date: 09/16/2013 16:08

Instrument ID: CPESTGC9 Calib Start Date: 09/09/2013 09:20

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/09/2013 10:23

Lab File ID: VR489402.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.00	1.97	2.11
PCB-1016 Peak 2	2.44	2.40	2.54
PCB-1016 Peak 3	3.04	3.00	3.14
PCB-1016 Peak 4	3.22	3.18	3.32
PCB-1016 Peak 5	3.92	3.88	4.02
PCB-1260 Peak 1	5.96	5.91	6.05
PCB-1260 Peak 2	7.47	7.42	7.56
PCB-1260 Peak 3	8.09	8.04	8.18
PCB-1260 Peak 4	8.72	8.67	8.81
PCB-1260 Peak 5	10.05	10.00	10.14
Tetrachloro-m-xylene	1.58	1.56	1.66
DCB Decachlorobiphenyl	10.56	10.47	10.67

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181442/1-A

Matrix: Solid Lab File ID: OR208064.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2013 09:41

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.: 181491 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208064.D		
Lims ID:	MB 460-181442/1-A	Client ID:	
Inject. Date:	16-Sep-2013 09:41:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0004643-015		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	181491	Lims Sample ID:	15
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	16-Sep-2013 13:58:54	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:	XAWRK029		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.562	2.558	0.004	385058	55.9	
2	2.048	2.047	0.001	463010	53.1	
					RPD = 5.16	
$ 5 DCB Decachlorobiphenyl						
1	10.690	10.710	-0.020	228162	58.5	
2	9.372	9.377	-0.005	410378	58.2	
					RPD = 0.56	

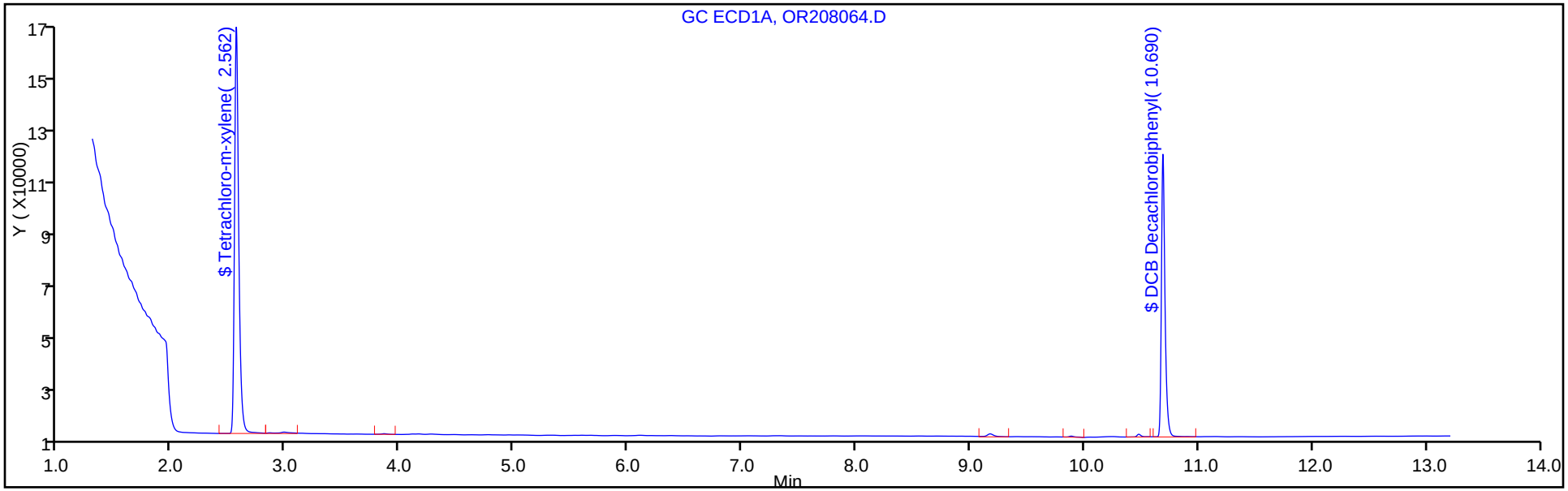
Report Date: 16-Sep-2013 13:58:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

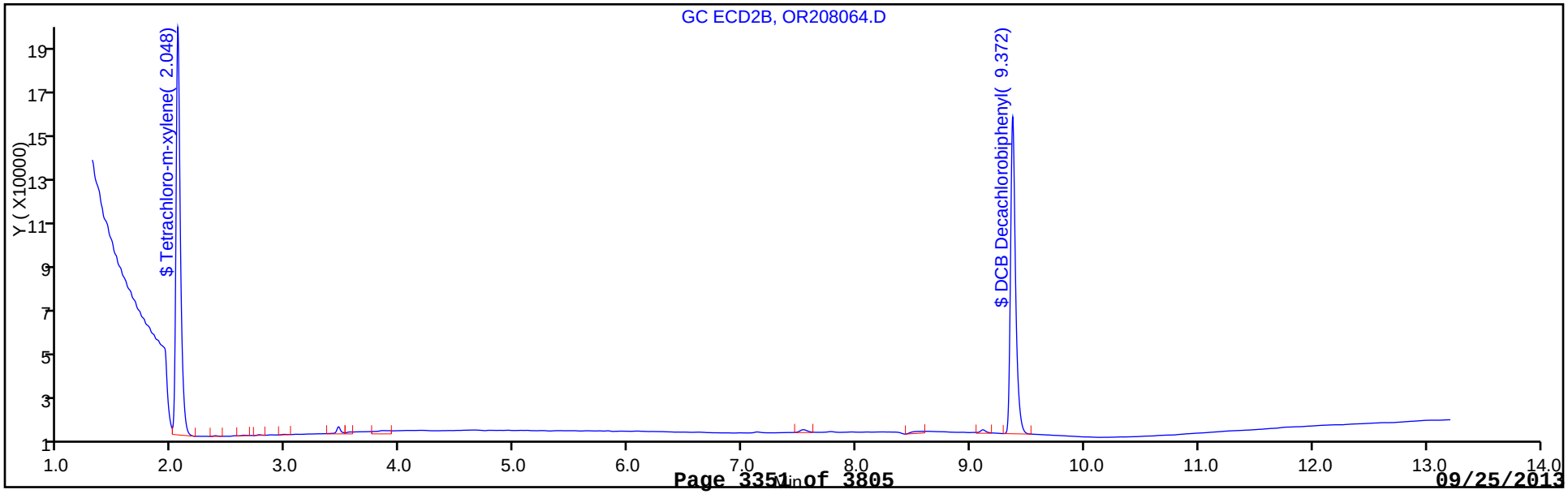
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208064.D

Injection Date:	16-Sep-2013 09:41:30	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC7
Lims Batch ID:	181491	Lims Sample ID:	15
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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181442/1-A

Matrix: Solid Lab File ID: OR208064.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2013 09:41

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.: 181491 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	116		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208064.D		
Lims ID:	MB 460-181442/1-A	Client ID:	
Inject. Date:	16-Sep-2013 09:41:30	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0004643-015		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	181491	Lims Sample ID:	15
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	16-Sep-2013 13:58:54	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:	XAWRK029		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.562	2.558	0.004	385058	55.9	
2	2.048	2.047	0.001	463010	53.1	
					RPD = 5.16	
$ 5 DCB Decachlorobiphenyl						
1	10.690	10.710	-0.020	228162	58.5	
2	9.372	9.377	-0.005	410378	58.2	
					RPD = 0.56	

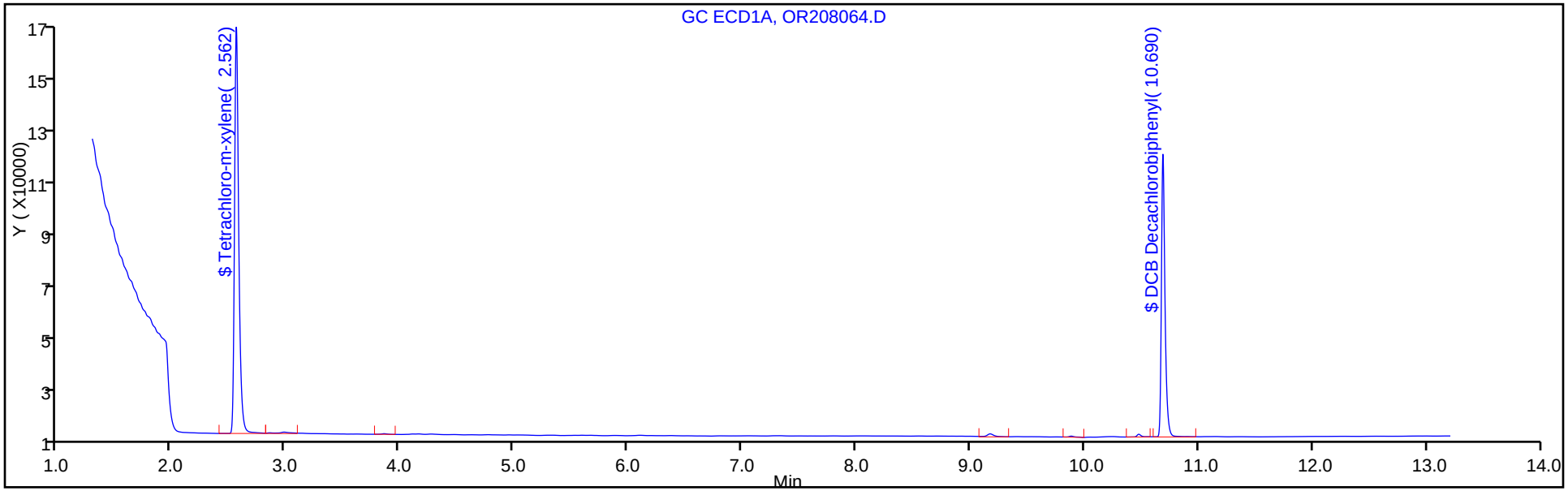
Report Date: 16-Sep-2013 13:58:58 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

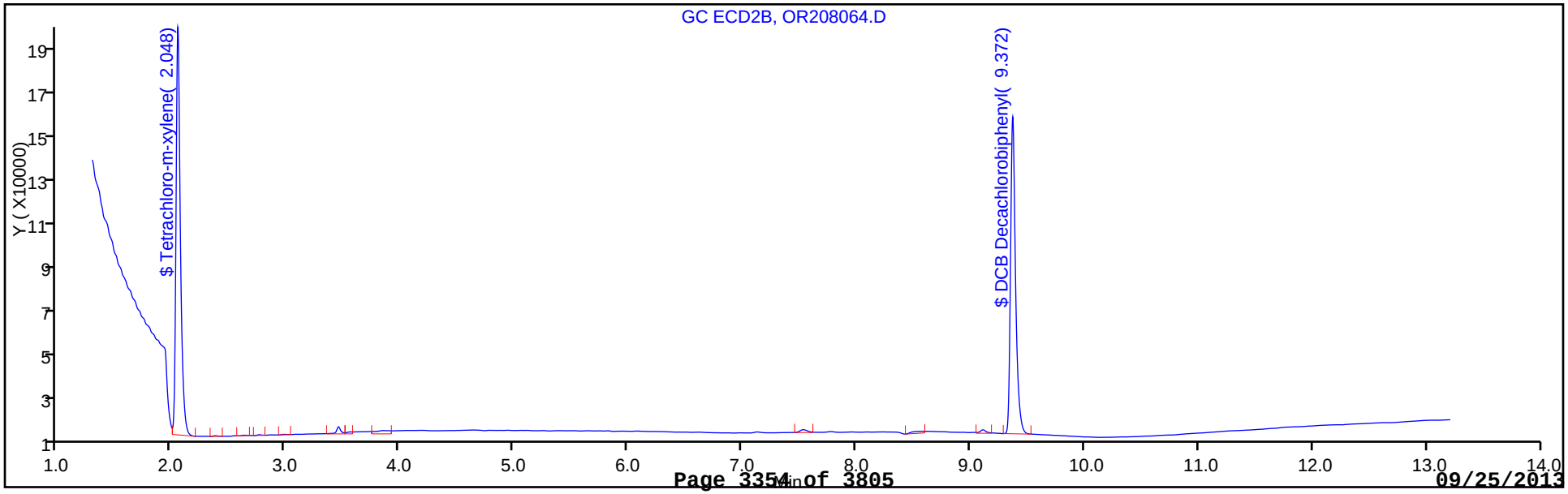
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208064.D

Injection Date:	16-Sep-2013 09:41:30	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC7
Lims Batch ID:	181491	Lims Sample ID:	15
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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181446/1-A

Matrix: Solid Lab File ID: VR489391.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2013 12:13

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.: 181549 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	83		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489391.D		
Lims ID:	MB 460-181446/1-A	Client ID:	
Inject. Date:	16-Sep-2013 12:13:54	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC9
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	181549	Lims Sample ID:	6
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\8082GC9.m		
Last Update:	16-Sep-2013 16:35:58	Calib Date:	09-Sep-2013 12:14:03
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC9\20130909-4417.b\VR489193.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: patelji Date: 16-Sep-2013 15:36:18

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.268	2.281	-0.013	78232809	53.8	
2	1.584	1.611	-0.027	43351880	28.0	
					RPD = 63.10	
$ 5 DCB Decachlorobiphenyl						M
1	11.599	11.595	0.004	21828279	41.6	
2	10.563	10.568	-0.005	47116673	55.1	M
					RPD = 27.92	

QC Flag Legend

Review Flags
M - Manually Integrated

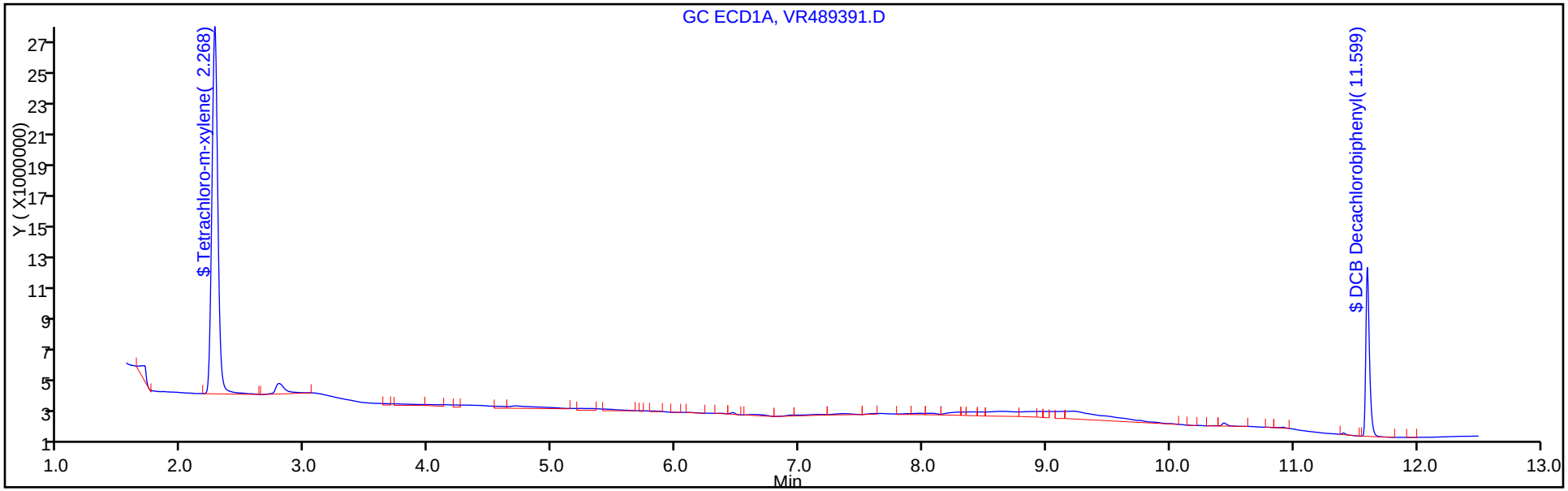
Report Date: 16-Sep-2013 16:36:02 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

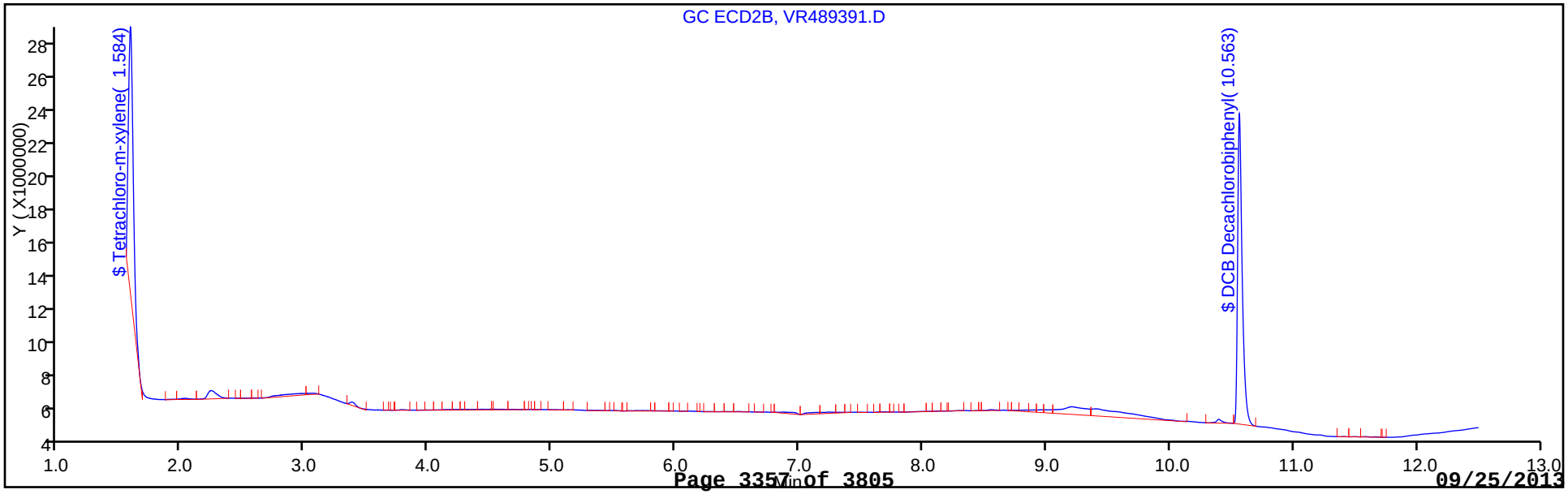
Data File: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489391.D

Injection Date:	16-Sep-2013 12:13:54	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	6
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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181446/1-A

Matrix: Solid Lab File ID: VR489391.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2013 12:13

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.: 181549 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	110		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489391.D		
Lims ID:	MB 460-181446/1-A	Client ID:	
Inject. Date:	16-Sep-2013 12:13:54	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC9
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	181549	Lims Sample ID:	6
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\8082GC9.m		
Last Update:	16-Sep-2013 16:35:58	Calib Date:	09-Sep-2013 12:14:03
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC9\20130909-4417.b\VR489193.D		
Limit Group:	GC 8082 PCB		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

First Level Reviewer: patelji Date: 16-Sep-2013 15:36:18

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.268	2.281	-0.013	78232809	53.8	
2	1.584	1.611	-0.027	43351880	28.0	
					RPD = 63.10	
$ 5 DCB Decachlorobiphenyl						M
1	11.599	11.595	0.004	21828279	41.6	
2	10.563	10.568	-0.005	47116673	55.1	M
					RPD = 27.92	

QC Flag Legend

Review Flags
M - Manually Integrated

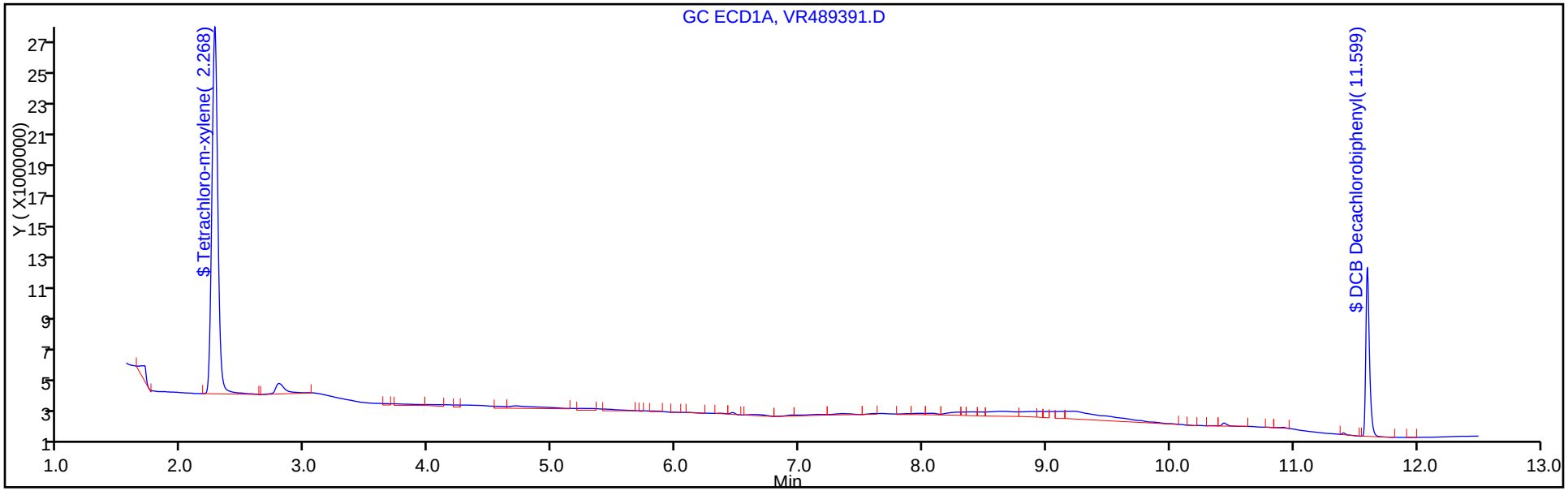
Report Date: 16-Sep-2013 16:36:02 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

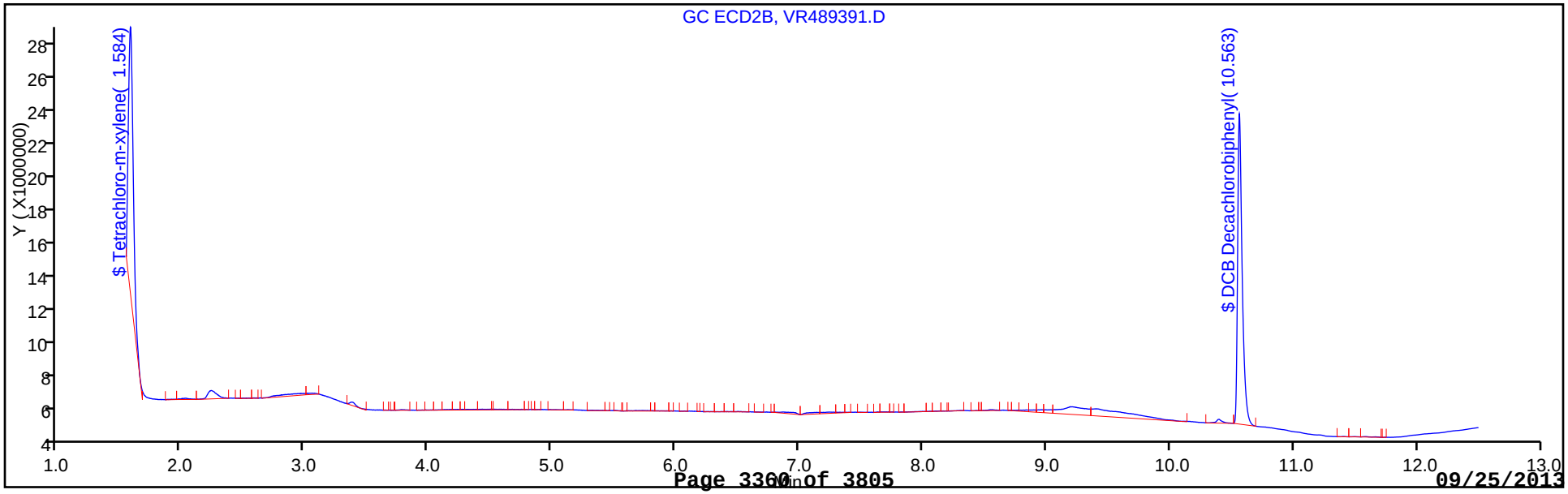
Data File: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489391.D

Injection Date:	16-Sep-2013 12:13:54	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

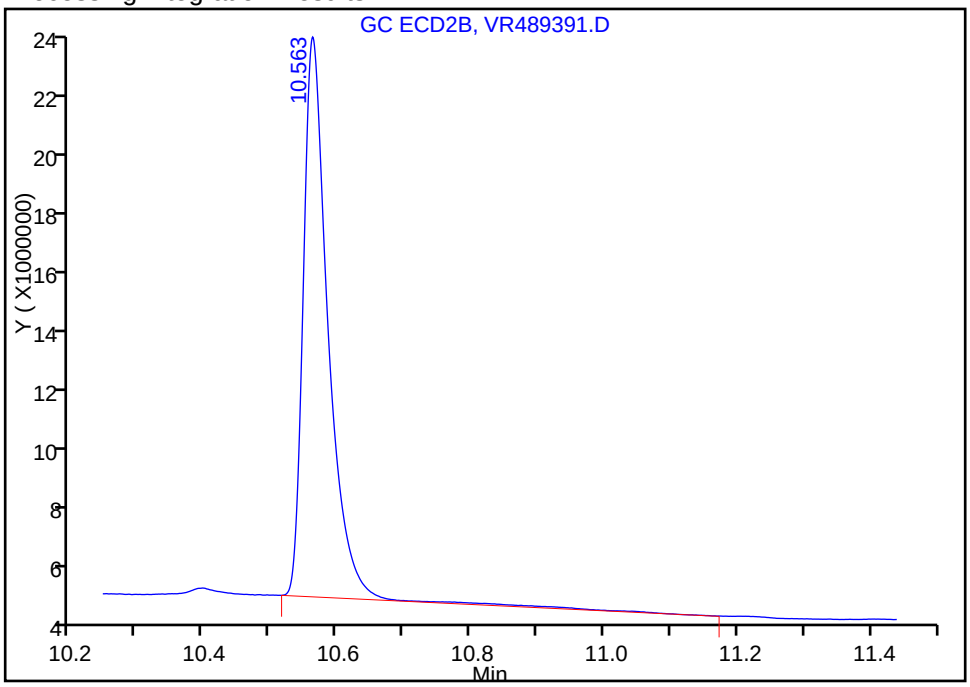
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489391.D		
Injection Date:	16-Sep-2013 12:13:54	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 5 DCB Decachlorobiphenyl, Signal: 2, Type: quant, RT: 10.57, Det: GC ECD2B

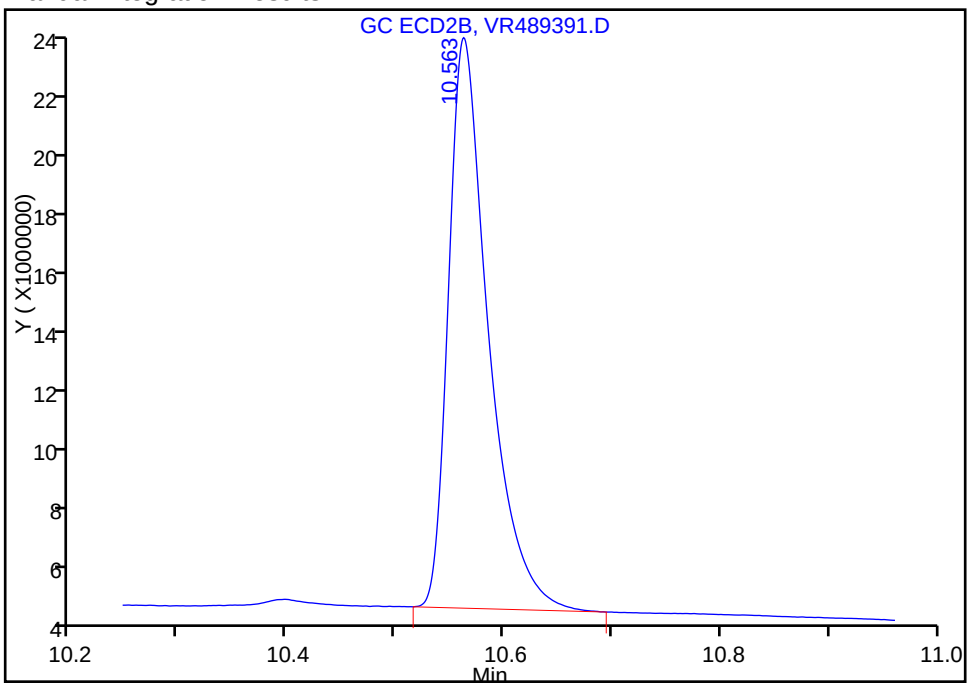
Processing Integration Results

RT: 10.56
Response: 48046593
Amount: 56.225943



Manual Integration Results

RT: 10.56
Response: 47116673
Amount: 55.137716



Reviewer: patelji, 16-Sep-2013 15:38:27
Audit Action: Manually Integrated
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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	

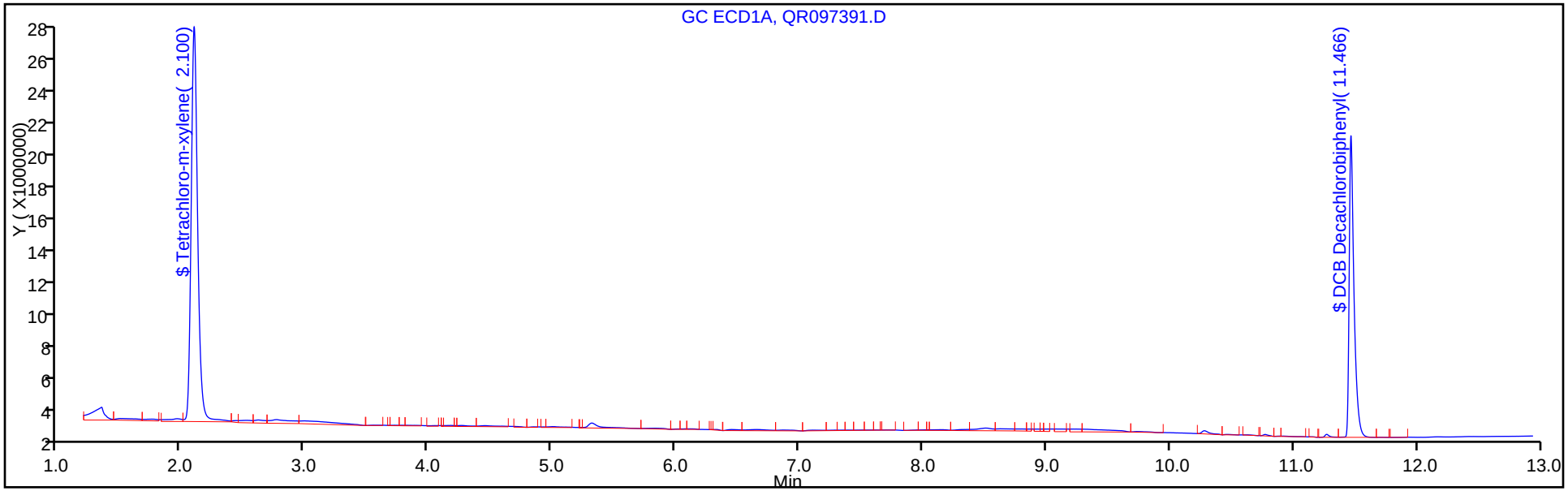
Report Date: 18-Sep-2013 11:35:24 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

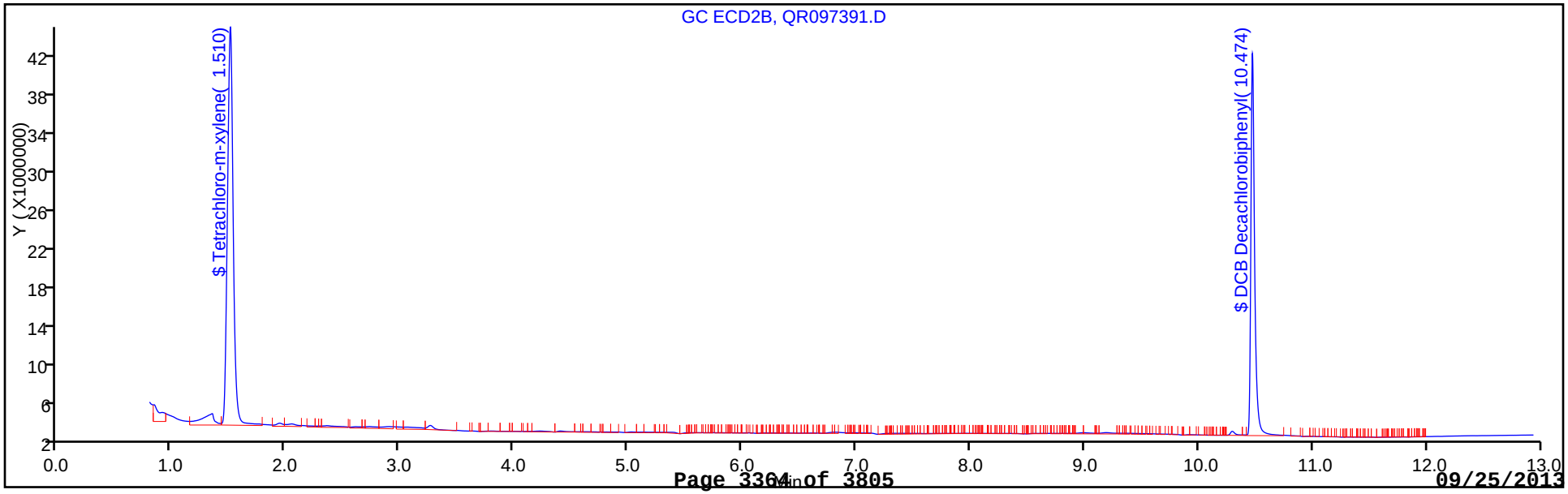
Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097391.D

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.: 460-62968-1

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	

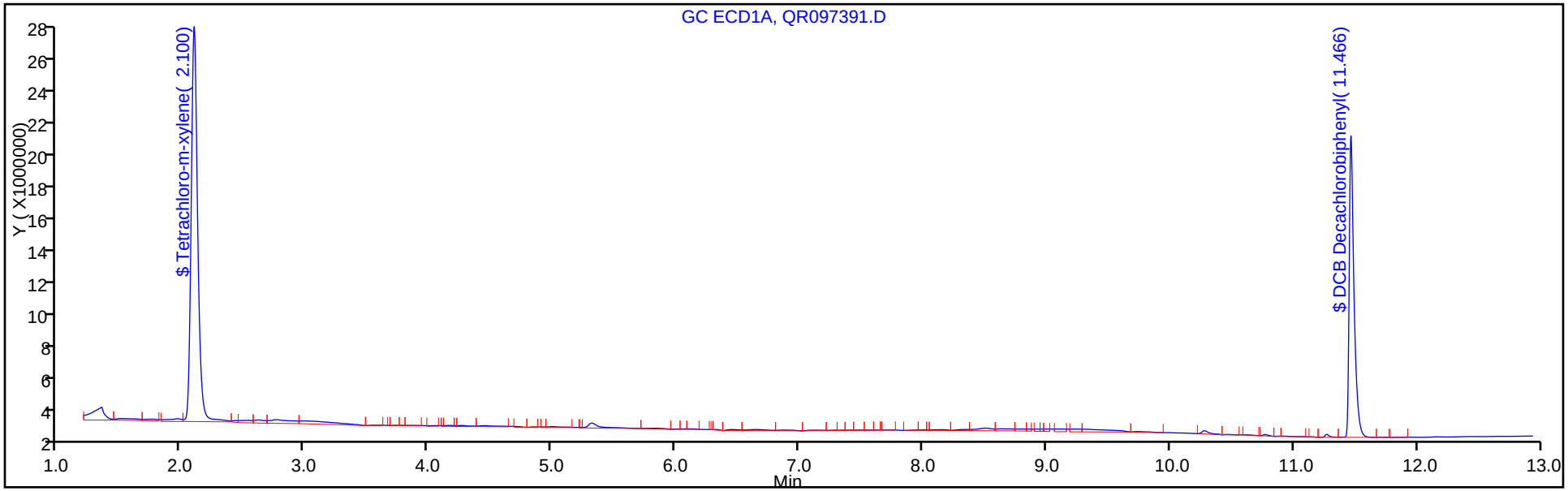
Report Date: 18-Sep-2013 11:35:24 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

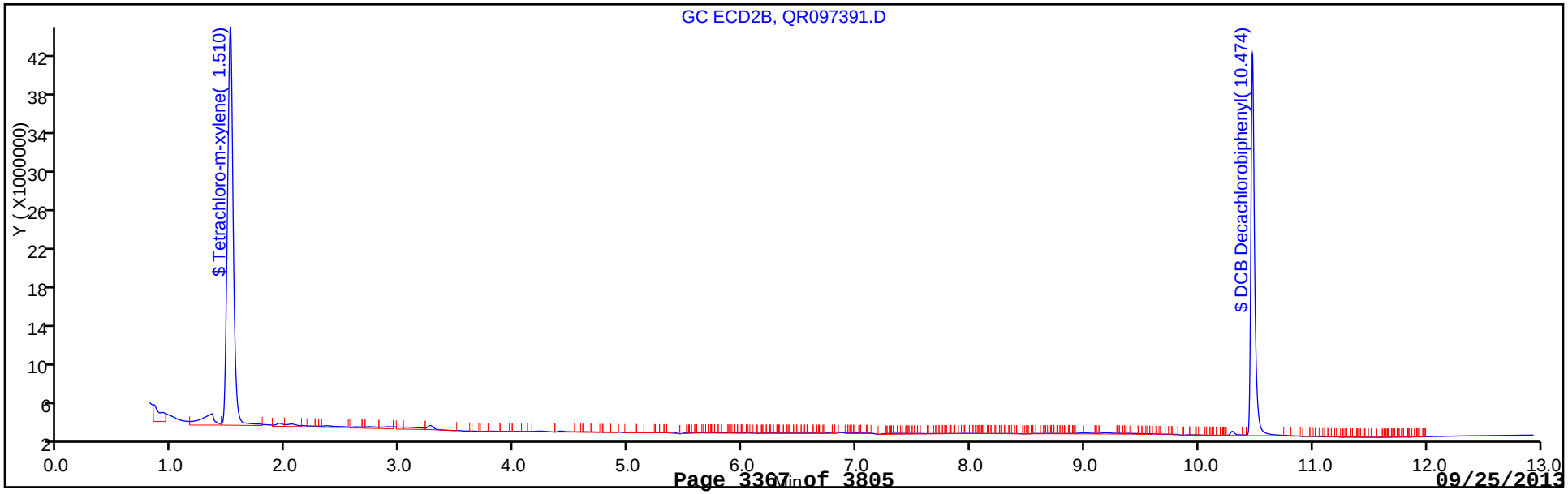
Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097391.D

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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181442/2-A

Matrix: Solid Lab File ID: OR208065.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2013 09:57

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.: 181491 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*371*		*67*	*15*
11096-82-5	Aroclor 1260	372		67	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208065.D		
Lims ID:	LCS 460-181442/2-A	Client ID:	
Inject. Date:	16-Sep-2013 09:57:30	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	460-0004643-016		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	181491	Lims Sample ID:	16
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	16-Sep-2013 13:58:54	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:	XAWRK029		

First Level Reviewer: patelji Date: 16-Sep-2013 11:59:22

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.555	2.558	-0.003	402554	58.4	
2	2.047	2.047	0.0	475640	54.5	
					RPD = 6.91	
1 PCB-1016						M
1	3.087	3.092	-0.005	83713	544.8	
1	3.560	3.565	-0.005	179463	574.8	M
1	4.103	4.108	-0.005	324075	566.9	
1	4.865	4.870	-0.005	107586	591.6	M
1	5.023	5.030	-0.007	111489	505.4	
		Average of Peak Amounts =			556.7	
2	2.343	2.342	0.001	115722	513.7	
2	2.668	2.668	0.0	205810	579.9	
2	3.122	3.123	-0.001	428937	556.3	
2	3.265	3.265	0.0	168667	578.6	
2	3.702	3.703	-0.001	180361	571.7	
		Average of Peak Amounts =			560.0	
					RPD = 0.60	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 PCB-1260						
1	6.567	6.575	-0.008	205353	559.5	
1	6.912	6.920	-0.008	237674	552.7	
1	8.485	8.497	-0.012	218288	542.2	
1	9.000	9.007	-0.007	382458	564.2	
1	10.180	10.185	-0.005	90309	569.0	
		Average of Peak Amounts =			557.5	
2	5.115	5.118	-0.003	248727	574.3	
2	6.273	6.277	-0.004	220208	543.2	
2	6.747	6.752	-0.005	532170	551.7	
2	7.233	7.238	-0.005	268776	541.0	
2	8.607	8.613	-0.006	164390	542.0	
		Average of Peak Amounts =			550.4	
					RPD = 1.28	
$ 5 DCB Decachlorobiphenyl						
1	10.688	10.710	-0.022	231009	59.2	
2	9.372	9.377	-0.005	417506	59.2	
					RPD = 0.07	

QC Flag Legend

Review Flags
M - Manually Integrated

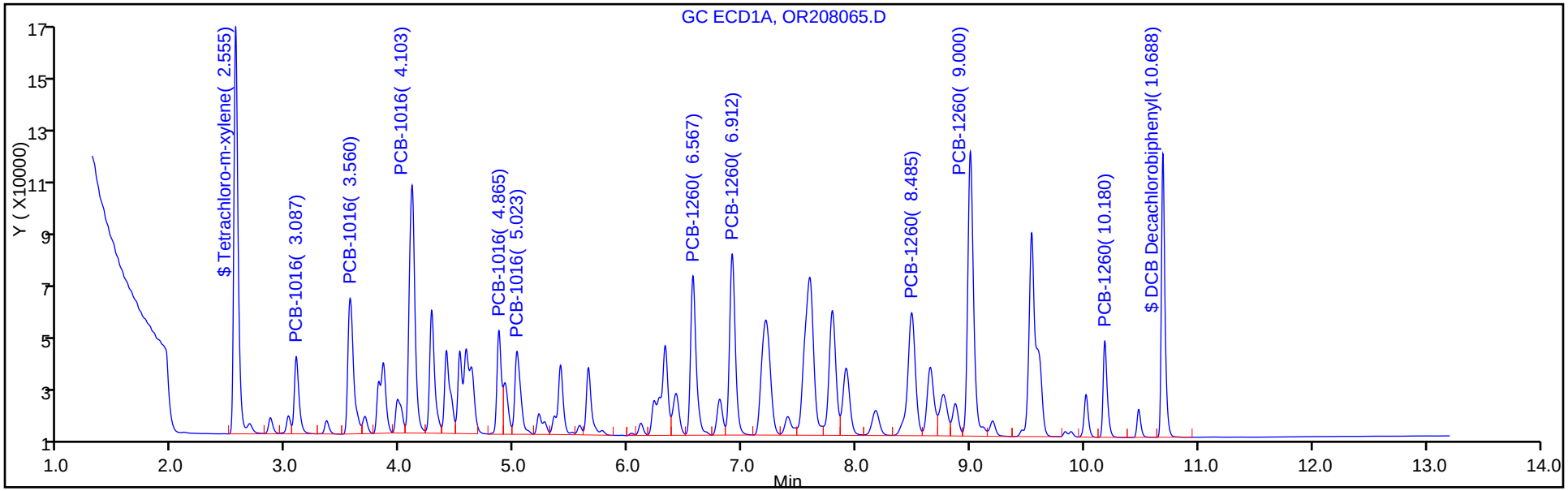
Report Date: 16-Sep-2013 13:58:59 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

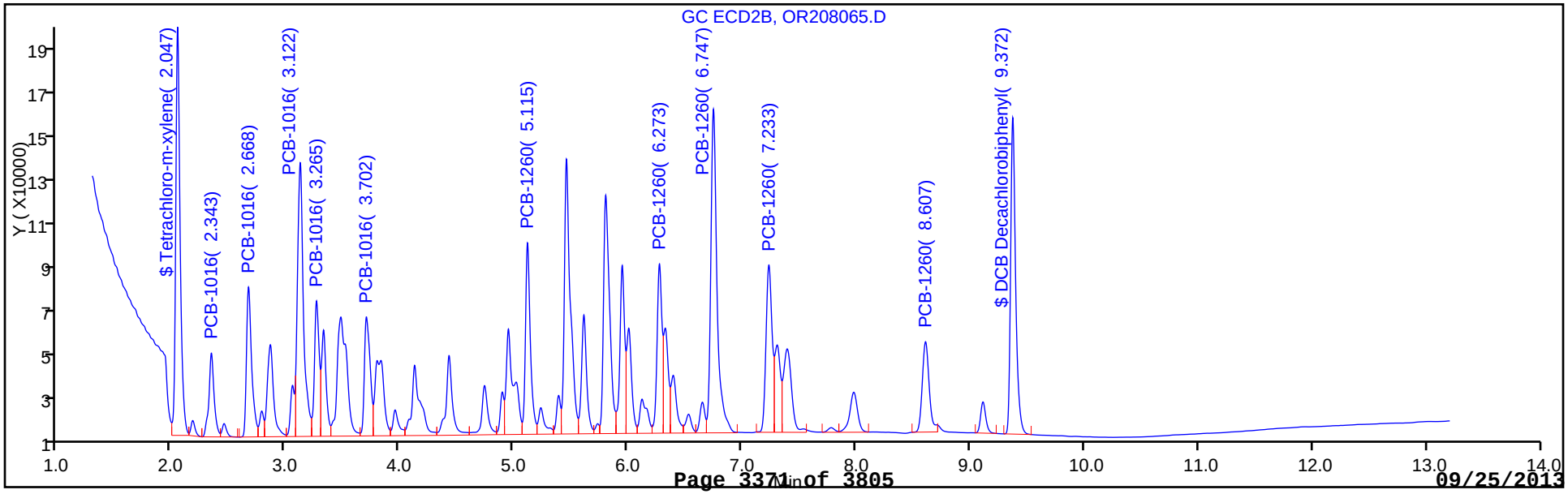
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208065.D

Injection Date:	16-Sep-2013 09:57:30	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC7
Lims Batch ID:	181491	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



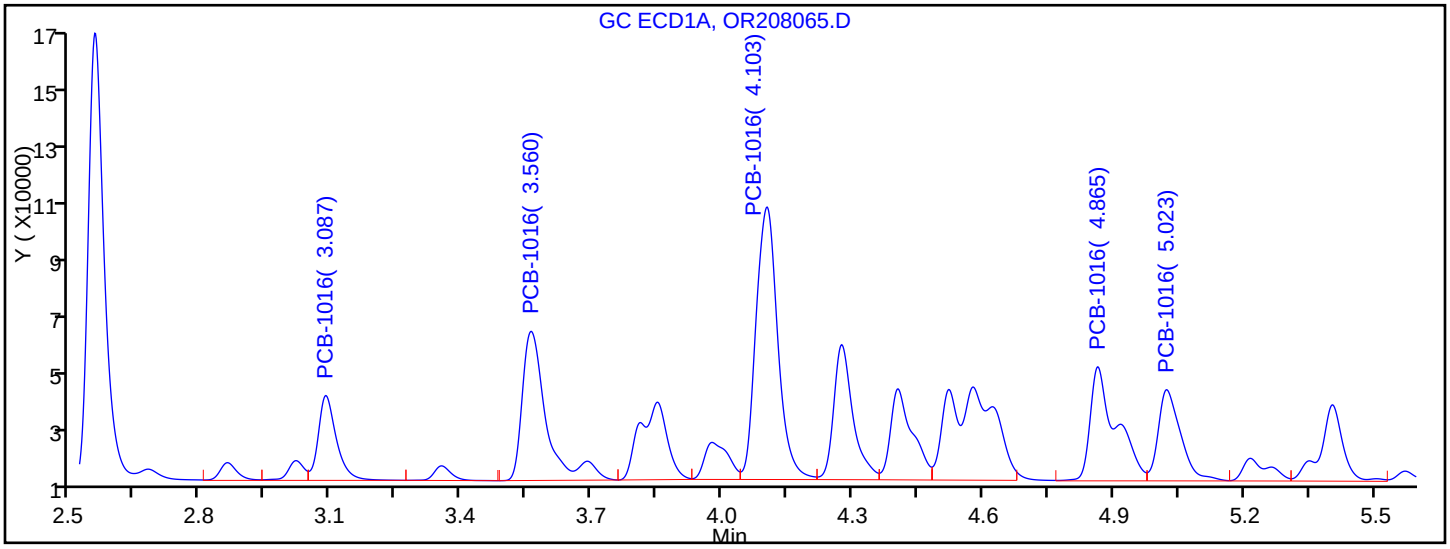
Report Date: 16-Sep-2013 13:59:00 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208065.D

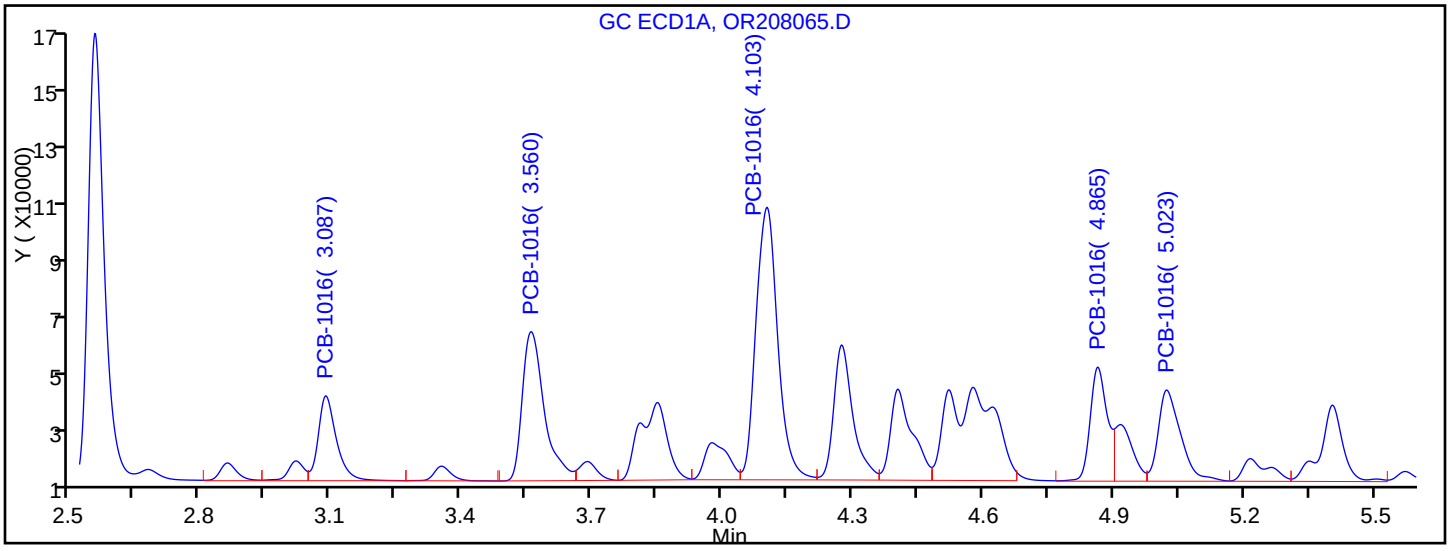
Injection Date:	16-Sep-2013 09:57:30	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC7
Lims Batch ID:	181491	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

1 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.087	Response = 83713	
RT = 3.560	Response = 197346	M
RT = 4.103	Response = 324075	
RT = 4.865	Response = 161007	M
RT = 5.023	Response = 111489	



Manual Integration Results

RT = 3.087	Response = 83713	
RT = 3.560	Response = 179463	M
RT = 4.103	Response = 324075	
RT = 4.865	Response = 107586	M
RT = 5.023	Response = 111489	

Reviewer: patelji, 16-Sep-2013 11:59:22

Audit Action: Split an Integrated Peak

Audit Reason: Instrument noise

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181442/2-A

Matrix: Solid Lab File ID: OR208065.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2013 09:57

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.: 181491 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	373		67	15
11096-82-5	*Aroclor 1260*	*367*		*67*	*19*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208065.D		
Lims ID:	LCS 460-181442/2-A	Client ID:	
Inject. Date:	16-Sep-2013 09:57:30	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	460-0004643-016		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC7
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	181491	Lims Sample ID:	16
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\8082GC7.m		
Last Update:	16-Sep-2013 13:58:54	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:	XAWRK029		

First Level Reviewer: patelji Date: 16-Sep-2013 11:59:22

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.555	2.558	-0.003	402554	58.4	
2	2.047	2.047	0.0	475640	54.5	
					RPD = 6.91	
1 PCB-1016						M
1	3.087	3.092	-0.005	83713	544.8	
1	3.560	3.565	-0.005	179463	574.8	M
1	4.103	4.108	-0.005	324075	566.9	
1	4.865	4.870	-0.005	107586	591.6	M
1	5.023	5.030	-0.007	111489	505.4	
		Average of Peak Amounts =			556.7	
2	2.343	2.342	0.001	115722	513.7	
2	2.668	2.668	0.0	205810	579.9	
2	3.122	3.123	-0.001	428937	556.3	
2	3.265	3.265	0.0	168667	578.6	
2	3.702	3.703	-0.001	180361	571.7	
		Average of Peak Amounts =			560.0	
					RPD = 0.60	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 PCB-1260						
1	6.567	6.575	-0.008	205353	559.5	
1	6.912	6.920	-0.008	237674	552.7	
1	8.485	8.497	-0.012	218288	542.2	
1	9.000	9.007	-0.007	382458	564.2	
1	10.180	10.185	-0.005	90309	569.0	
		Average of Peak Amounts =			557.5	
2	5.115	5.118	-0.003	248727	574.3	
2	6.273	6.277	-0.004	220208	543.2	
2	6.747	6.752	-0.005	532170	551.7	
2	7.233	7.238	-0.005	268776	541.0	
2	8.607	8.613	-0.006	164390	542.0	
		Average of Peak Amounts =			550.4	
					RPD = 1.28	
$ 5 DCB Decachlorobiphenyl						
1	10.688	10.710	-0.022	231009	59.2	
2	9.372	9.377	-0.005	417506	59.2	
					RPD = 0.07	

QC Flag Legend

Review Flags
M - Manually Integrated

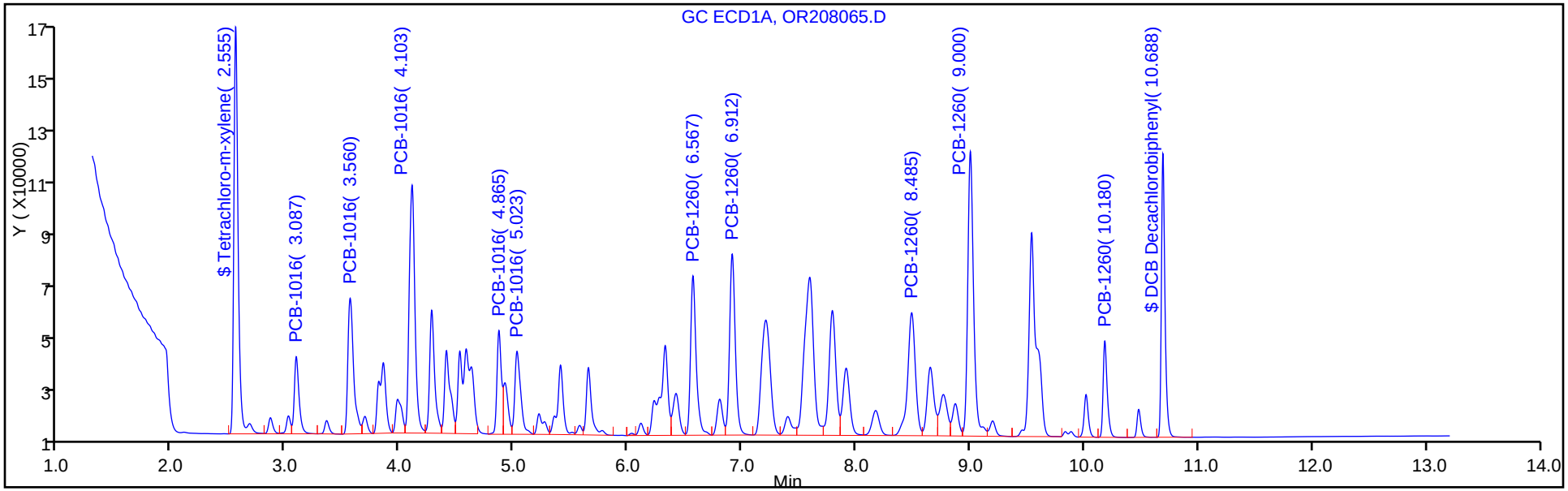
Report Date: 16-Sep-2013 13:59:01 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

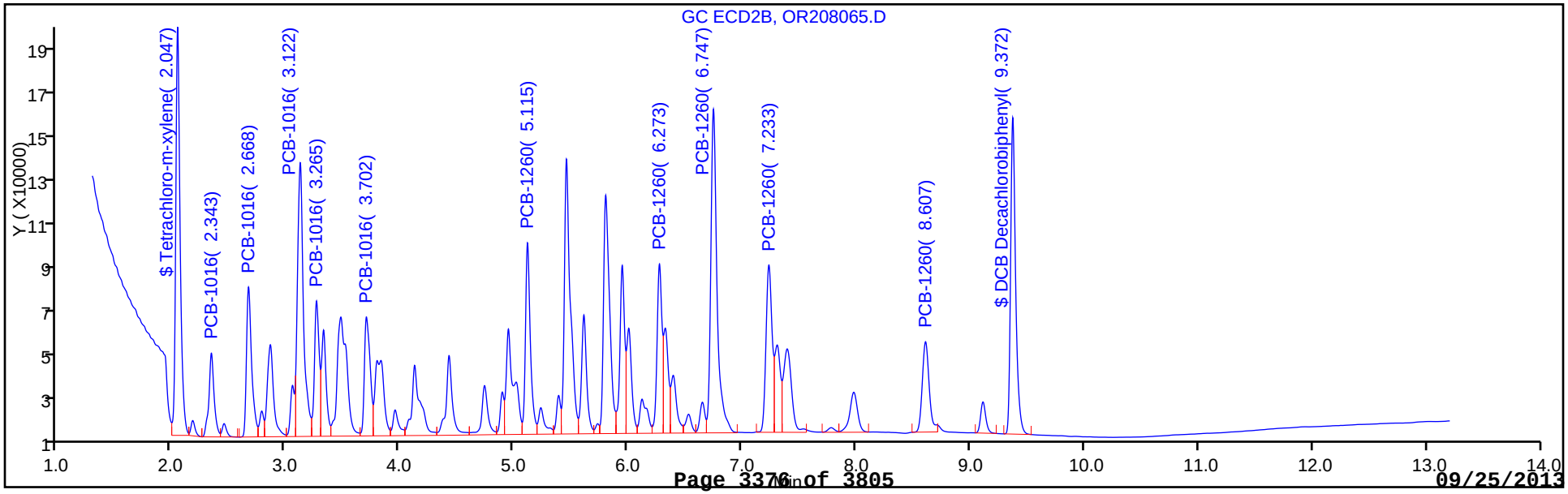
Data File: \\EDICHROM\ChromData\CPESTGC7\20130915-4643.b\OR208065.D

Injection Date:	16-Sep-2013 09:57:30	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC7
Lims Batch ID:	181491	Lims Sample ID:	16
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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181446/2-A

Matrix: Solid Lab File ID: VR489392.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2013 12:29

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.: 181549 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*411*		*67*	*15*
11096-82-5	*Aroclor 1260*	*349*		*67*	*19*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489392.D
Lims ID: LCS 460-181446/2-A Client ID:
Inject. Date: 16-Sep-2013 12:29:41 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID:
Misc. Info.:
Operator: Instrument ID: CPESTGC9
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 181549 Lims Sample ID: 7
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\8082GC9.m
Last Update: 16-Sep-2013 16:35:58 Calib Date: 09-Sep-2013 12:14:03
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20130909-4417.b\VR489193.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK029

First Level Reviewer: patelji Date: 16-Sep-2013 15:37:28

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.261	2.281	-0.020	85945339	59.1	
2	1.589	1.611	-0.022	54042348	34.9	
					RPD = 51.51	
1 PCB-1016						M
1	2.984	3.004	-0.020	18448708	588.3	M
1	3.685	3.710	-0.025	36691230	665.2	
1	4.526	4.546	-0.020	64462007	632.7	
1	5.601	5.618	-0.017	19779795	616.9	
1	5.812	5.829	-0.017	21059645	576.5	
		Average of Peak Amounts =			615.9	
2	2.012	2.035	-0.023	21395599	573.2	
2	2.452	2.472	-0.020	41943162	634.1	
2	3.046	3.066	-0.020	93291001	679.3	
2	3.233	3.254	-0.021	36204051	730.2	
2	3.934	3.953	-0.019	32039565	599.5	
		Average of Peak Amounts =			643.2	
					RPD = 4.34	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	7.837	7.855	-0.018	38157073	600.6	M
1	8.297	8.313	-0.016	45905737	484.5	M
1	9.976	9.990	-0.014	27200056	578.9	
1	10.330	10.339	-0.009	45024073	469.9	
1	11.152	11.156	-0.004	10960766	486.6	
		Average of Peak Amounts =			524.1	
2	5.961	5.976	-0.015	45318328	598.7	M
2	7.471	7.486	-0.015	42813463	570.8	M
2	8.094	8.111	-0.017	122081080	592.6	M
2	8.723	8.744	-0.021	51892722	602.4	M
2	10.054	10.066	-0.012	30666065	549.5	
		Average of Peak Amounts =			582.8	
					RPD = 10.61	
$ 5 DCB Decachlorobiphenyl						M
1	11.592	11.595	-0.003	25226001	48.1	
2	10.562	10.568	-0.006	54310765	63.6	M
					RPD = 27.67	

QC Flag Legend

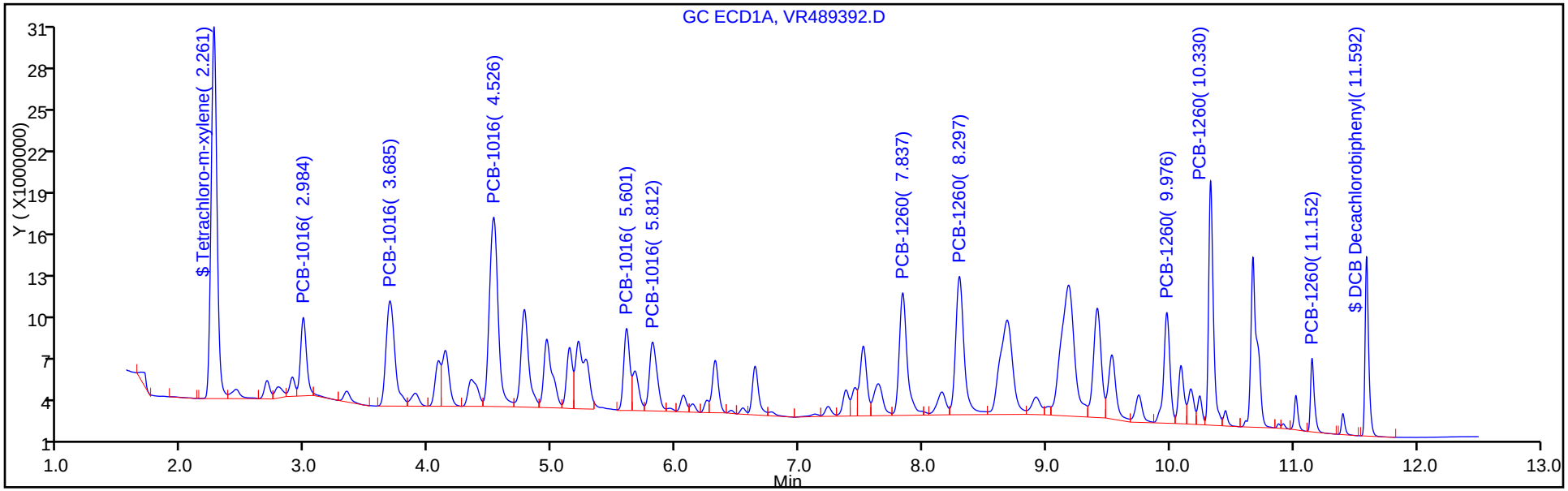
Review Flags
M - Manually Integrated

Report Date: 16-Sep-2013 16:36:04 Chrom Revision: 2.1 25-Jul-2013 20:19:50

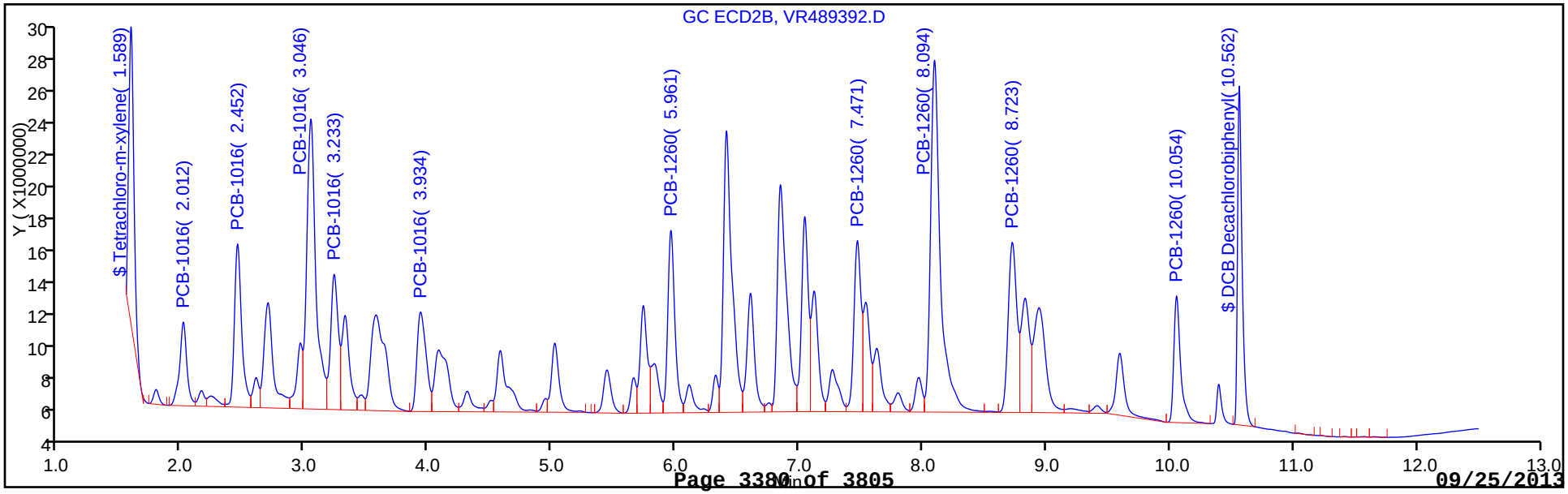
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489392.D		
Injection Date:	16-Sep-2013 12:29:41	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



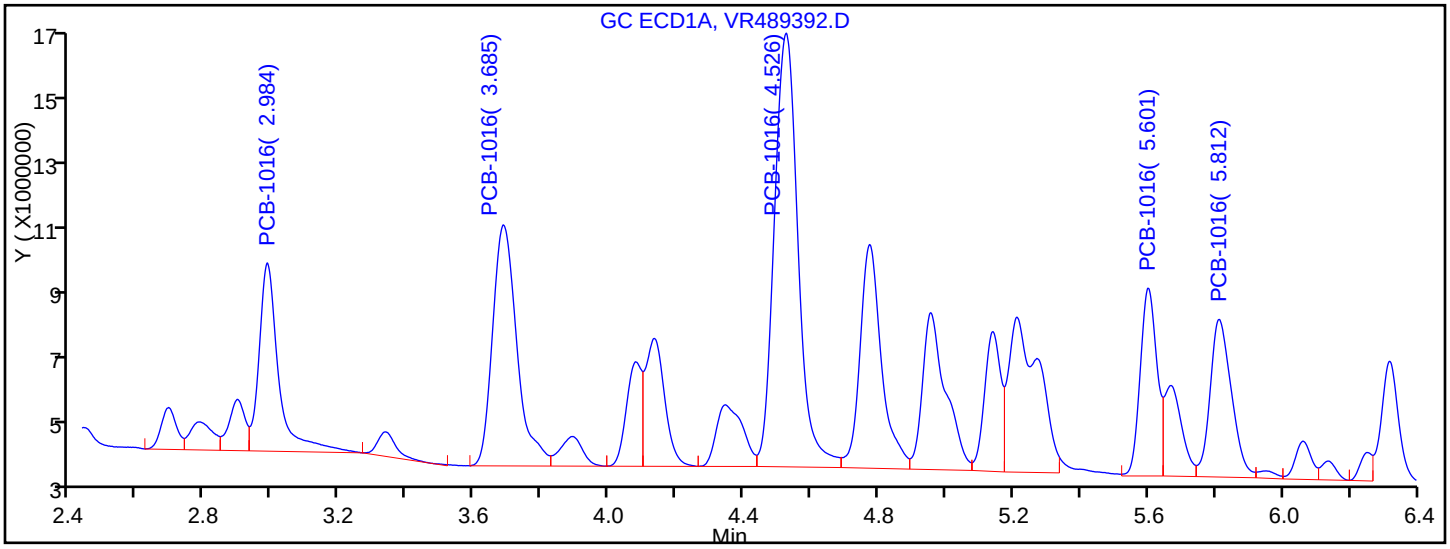
Report Date: 16-Sep-2013 16:36:04 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489392.D

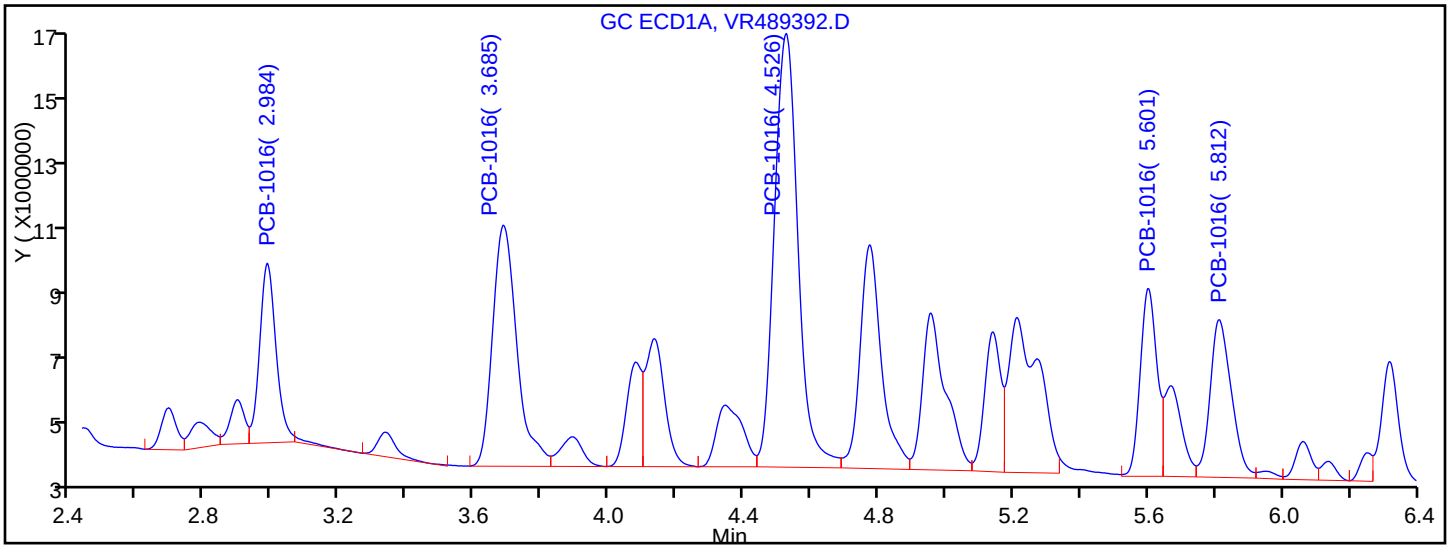
Injection Date:	16-Sep-2013 12:29:41	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

1 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 2.984	Response = 22935087	M
RT = 3.685	Response = 36691230	
RT = 4.526	Response = 64462007	
RT = 5.601	Response = 19779795	
RT = 5.812	Response = 21059645	



Manual Integration Results

RT = 2.984	Response = 18448708	M
RT = 3.685	Response = 36691230	
RT = 4.526	Response = 64462007	
RT = 5.601	Response = 19779795	
RT = 5.812	Response = 21059645	

Reviewer: patelji, 16-Sep-2013 15:37:28

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

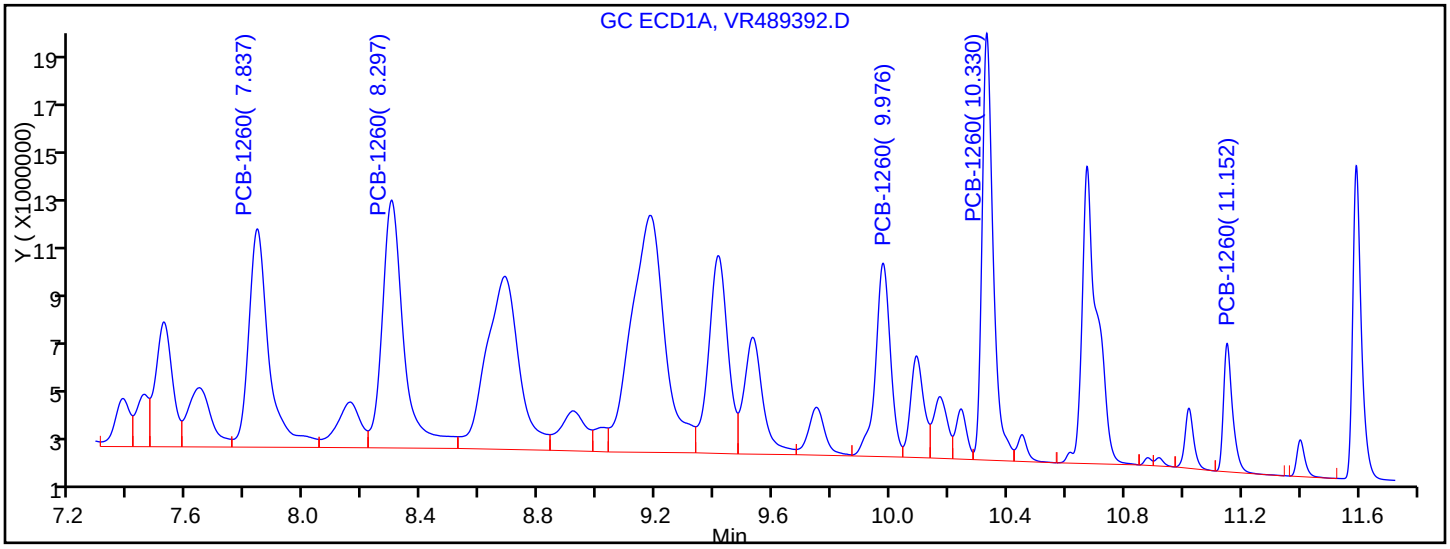
Report Date: 16-Sep-2013 16:36:05 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489392.D

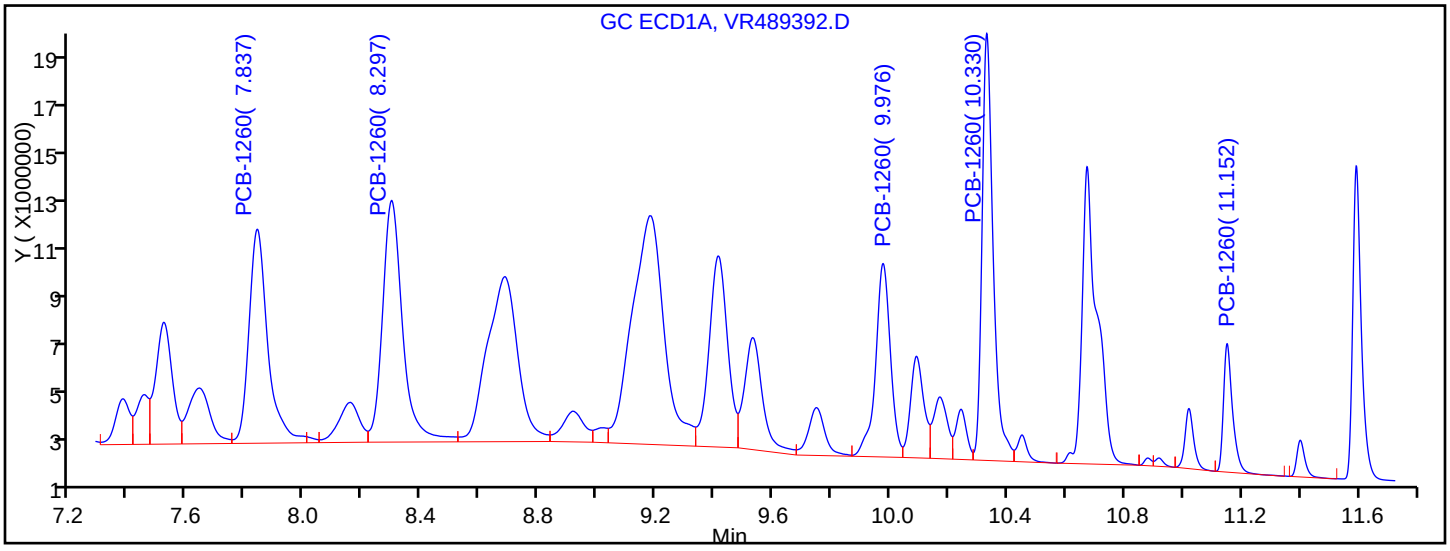
Injection Date:	16-Sep-2013 12:29:41	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 7.837	Response = 41798467	M
RT = 8.297	Response = 50590680	M
RT = 9.976	Response = 27200056	
RT = 10.330	Response = 45024073	
RT = 11.152	Response = 10960766	



Manual Integration Results

RT = 7.837	Response = 38157073	M
RT = 8.297	Response = 45905737	M
RT = 9.976	Response = 27200056	
RT = 10.330	Response = 45024073	
RT = 11.152	Response = 10960766	

Reviewer: patelji, 16-Sep-2013 15:37:28

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181446/2-A

Matrix: Solid Lab File ID: VR489392.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.00(g) Date Analyzed: 09/16/2013 12:29

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.: 181549 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	429		67	15
11096-82-5	Aroclor 1260	389		67	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	127		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489392.D
Lims ID: LCS 460-181446/2-A
Client ID:
Inject. Date: 16-Sep-2013 12:29:41
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID:
Misc. Info.:
Operator:
Instrument ID: CPESTGC9
Injection Vol: 1.0 ul
ALS Bottle#: 7
Lims Batch ID: 181549
Lims Sample ID: 7
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\8082GC9.m
Last Update: 16-Sep-2013 16:35:58
Calib Date: 09-Sep-2013 12:14:03
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC9\20130909-4417.b\VR489193.D
Limit Group: GC 8082 PCB
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK029

First Level Reviewer: patelji
Date: 16-Sep-2013 15:37:28

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 12 Tetrachloro-m-xylene						
1	2.261	2.281	-0.020	85945339	59.1	
2	1.589	1.611	-0.022	54042348	34.9	
					RPD = 51.51	
1 PCB-1016						M
1	2.984	3.004	-0.020	18448708	588.3	M
1	3.685	3.710	-0.025	36691230	665.2	
1	4.526	4.546	-0.020	64462007	632.7	
1	5.601	5.618	-0.017	19779795	616.9	
1	5.812	5.829	-0.017	21059645	576.5	
		Average of Peak Amounts =			615.9	
2	2.012	2.035	-0.023	21395599	573.2	
2	2.452	2.472	-0.020	41943162	634.1	
2	3.046	3.066	-0.020	93291001	679.3	
2	3.233	3.254	-0.021	36204051	730.2	
2	3.934	3.953	-0.019	32039565	599.5	
		Average of Peak Amounts =			643.2	
					RPD = 4.34	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	7.837	7.855	-0.018	38157073	600.6	M
1	8.297	8.313	-0.016	45905737	484.5	M
1	9.976	9.990	-0.014	27200056	578.9	
1	10.330	10.339	-0.009	45024073	469.9	
1	11.152	11.156	-0.004	10960766	486.6	
		Average of Peak Amounts =			524.1	
2	5.961	5.976	-0.015	45318328	598.7	M
2	7.471	7.486	-0.015	42813463	570.8	M
2	8.094	8.111	-0.017	122081080	592.6	M
2	8.723	8.744	-0.021	51892722	602.4	M
2	10.054	10.066	-0.012	30666065	549.5	
		Average of Peak Amounts =			582.8	
					RPD = 10.61	
$ 5 DCB Decachlorobiphenyl						M
1	11.592	11.595	-0.003	25226001	48.1	
2	10.562	10.568	-0.006	54310765	63.6	M
					RPD = 27.67	

QC Flag Legend

Review Flags
M - Manually Integrated

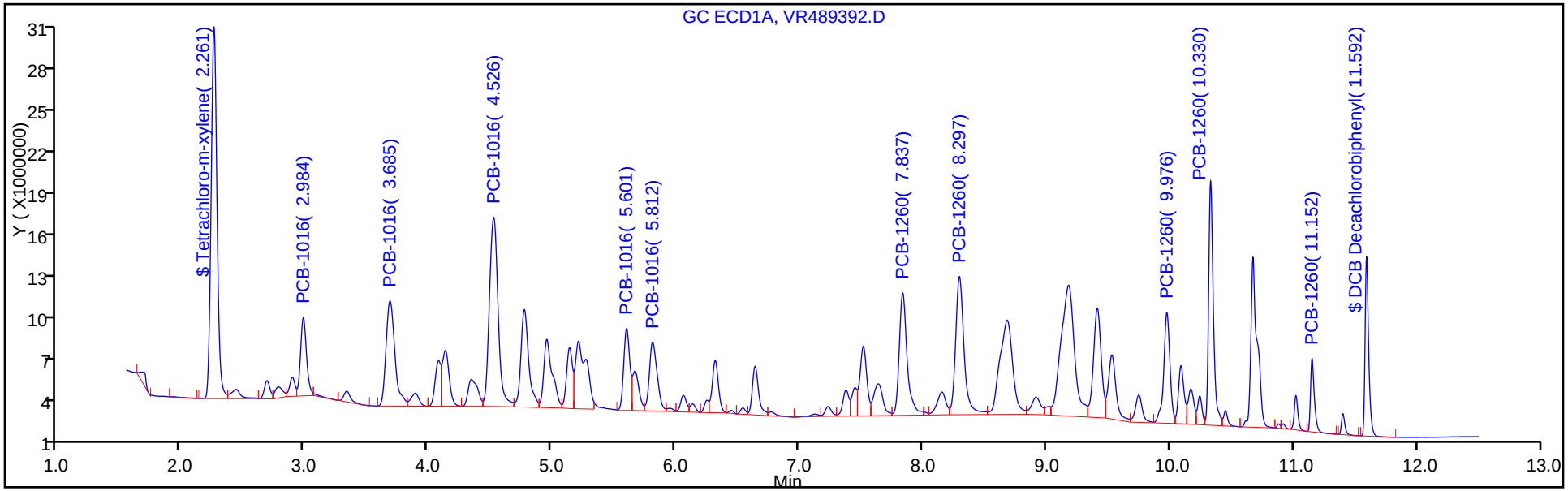
Report Date: 16-Sep-2013 16:36:05 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

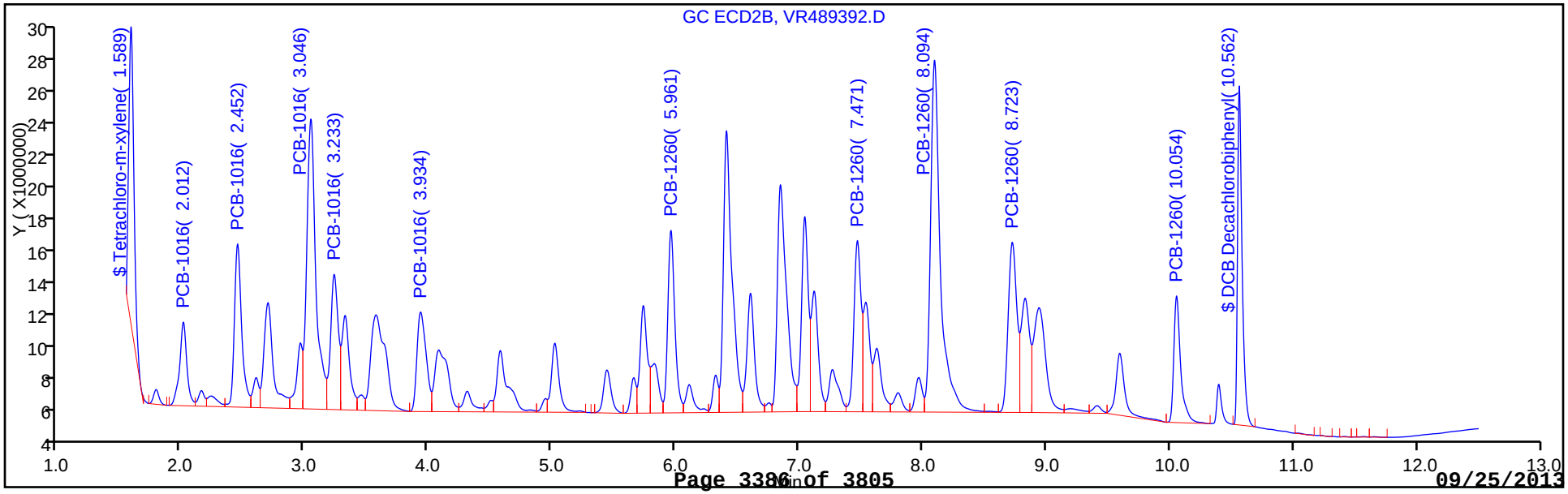
Data File: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489392.D

Injection Date:	16-Sep-2013 12:29:41	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



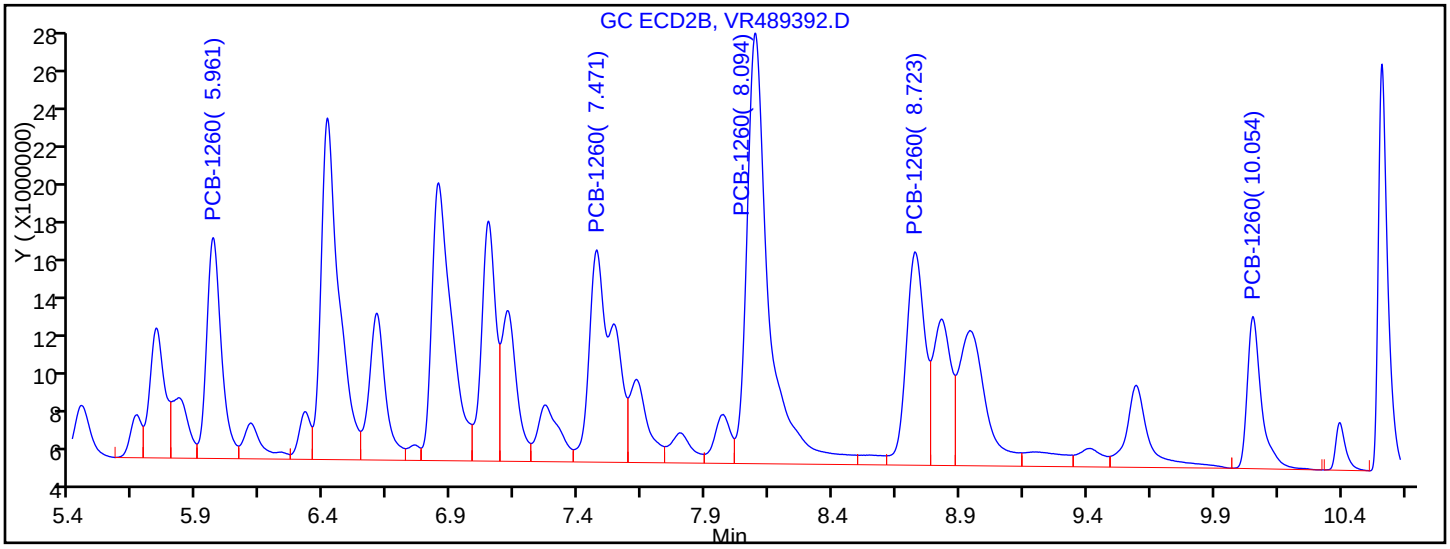
Report Date: 16-Sep-2013 16:36:05 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489392.D

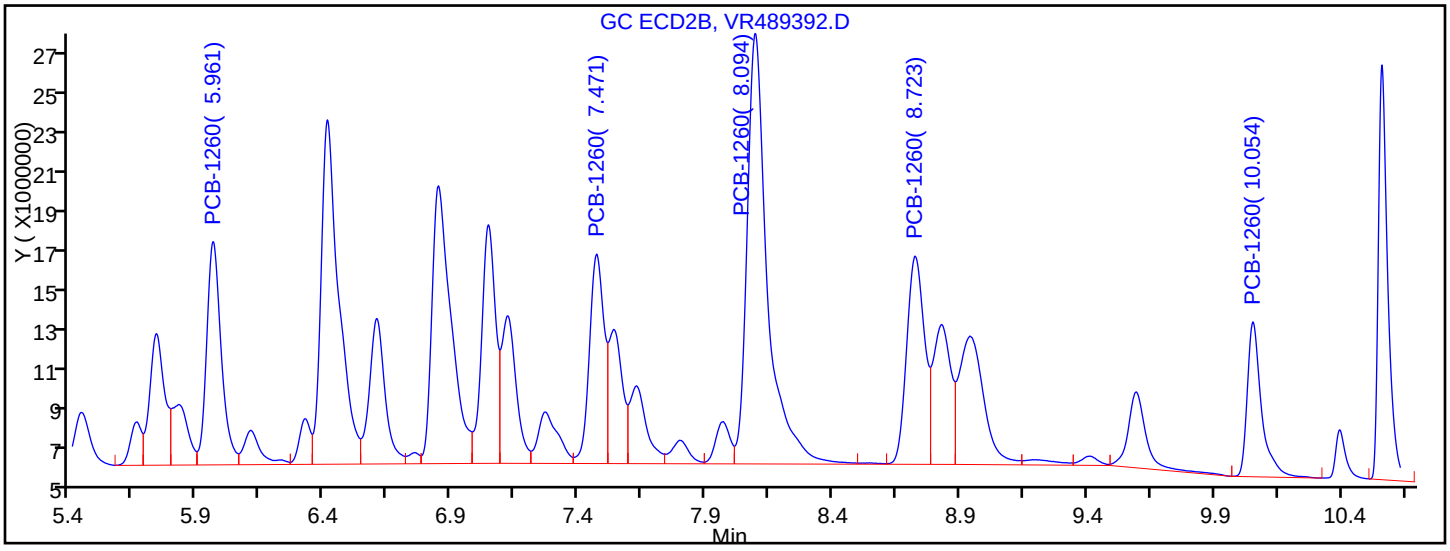
Injection Date:	16-Sep-2013 12:29:41	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 PCB-1260, Detector: 2, GC ECD2B



Processing Integration Results

RT = 5.961	Response = 46102541	M
RT = 7.471	Response = 72407276	M
RT = 8.094	Response = 133958318	M
RT = 8.723	Response = 56573231	M
RT = 10.054	Response = 30666065	



Manual Integration Results

RT = 5.961	Response = 45318328	M
RT = 7.471	Response = 42813463	M
RT = 8.094	Response = 122081080	M
RT = 8.723	Response = 51892722	M
RT = 10.054	Response = 30666065	

Reviewer: patelji, 16-Sep-2013 15:37:28

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

Manual Integration/User Assign Peak Report

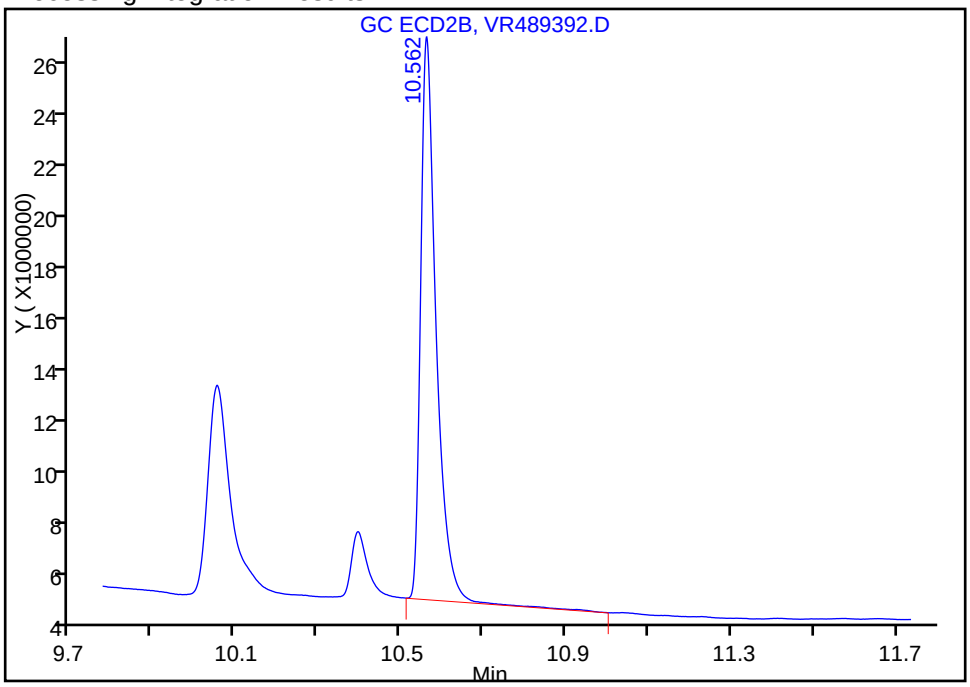
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC9\20130916-4664.b\VR489392.D		
Injection Date:	16-Sep-2013 12:29:41	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC9
Lims Batch ID:	181549	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 5 DCB Decachlorobiphenyl, Signal: 2, Type: quant, RT: 10.57, Det: GC ECD2B

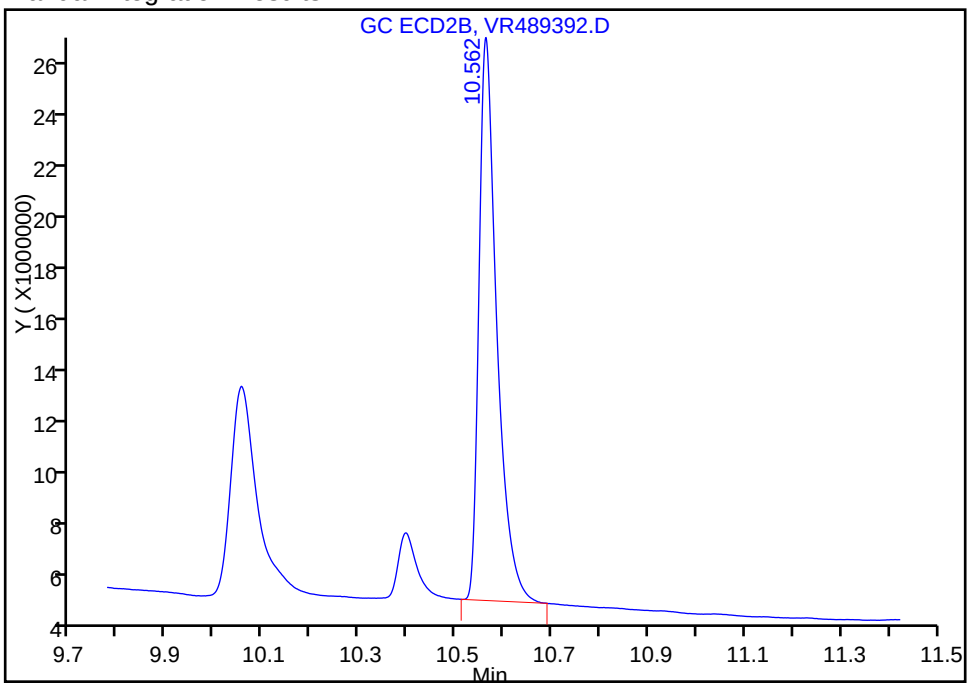
Processing Integration Results

RT: 10.56
Response: 55133711
Amount: 64.519557



Manual Integration Results

RT: 10.56
Response: 54310765
Amount: 63.556515



Reviewer: patelji, 16-Sep-2013 15:38:14
Audit Action: Manually Integrated
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

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

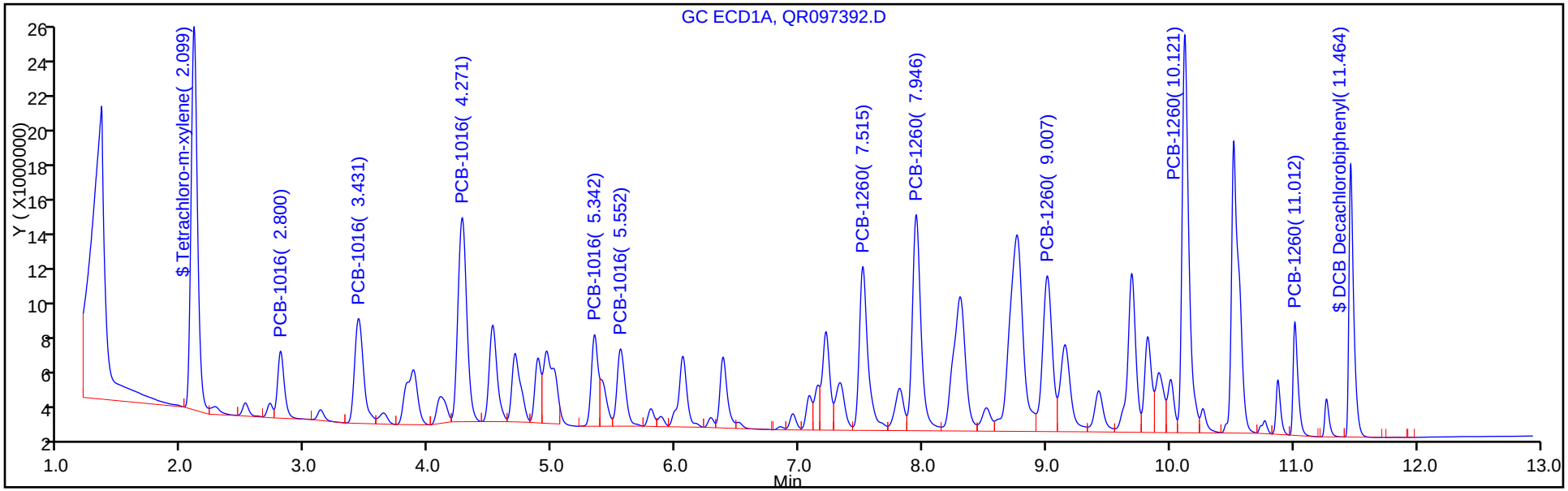
Report Date: 18-Sep-2013 11:35:26 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

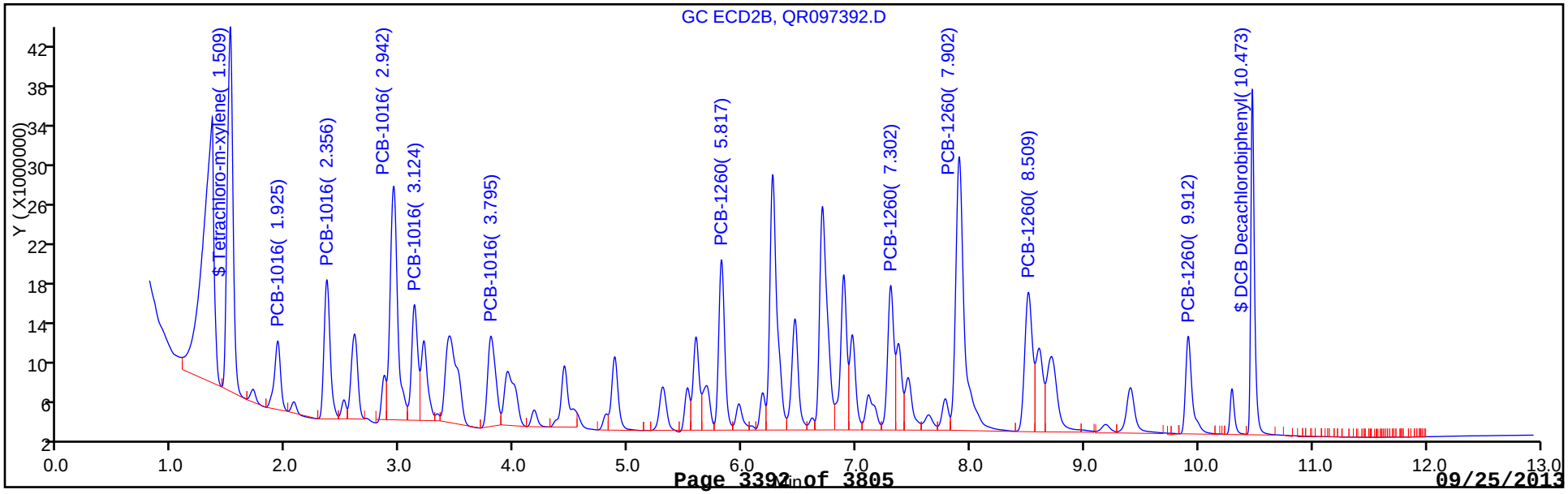
Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097392.D

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:



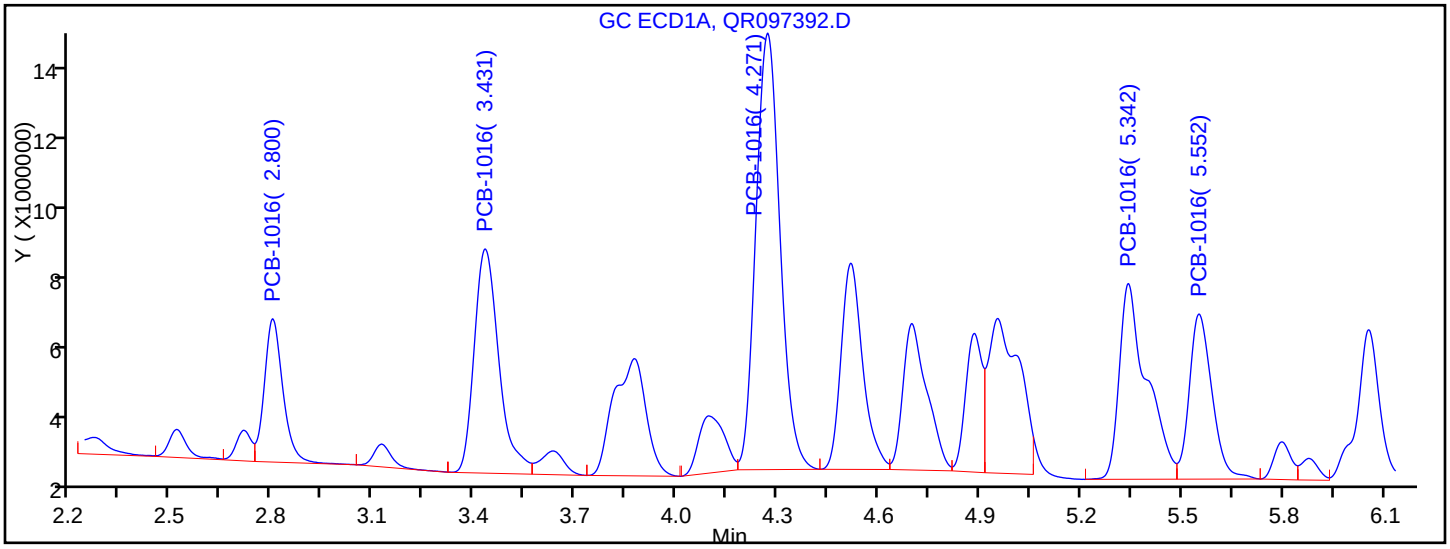
Report Date: 18-Sep-2013 11:35:26 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097392.D

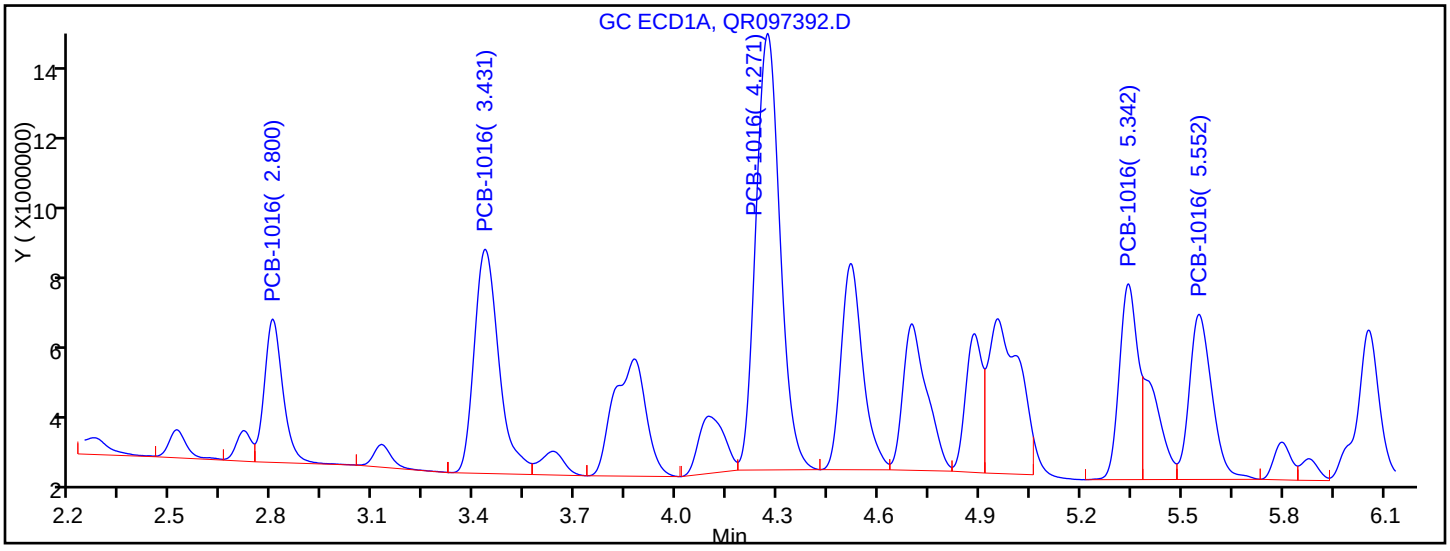
Injection Date:	18-Sep-2013 02:24:37	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 460-62968-1

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

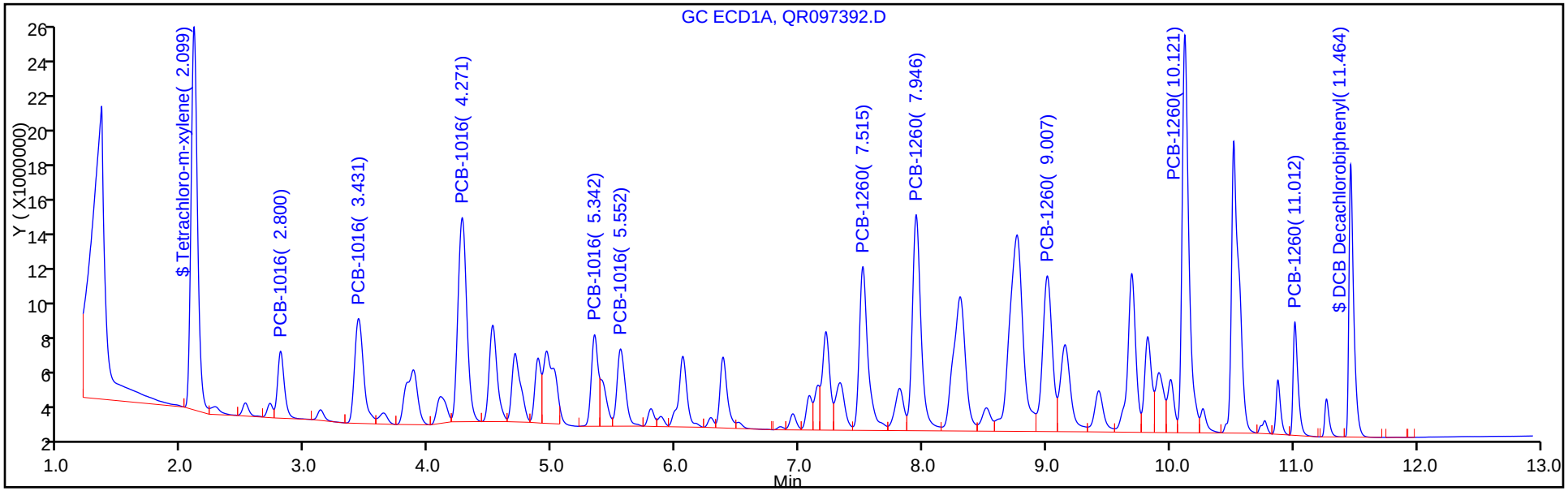
Report Date: 18-Sep-2013 11:35:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

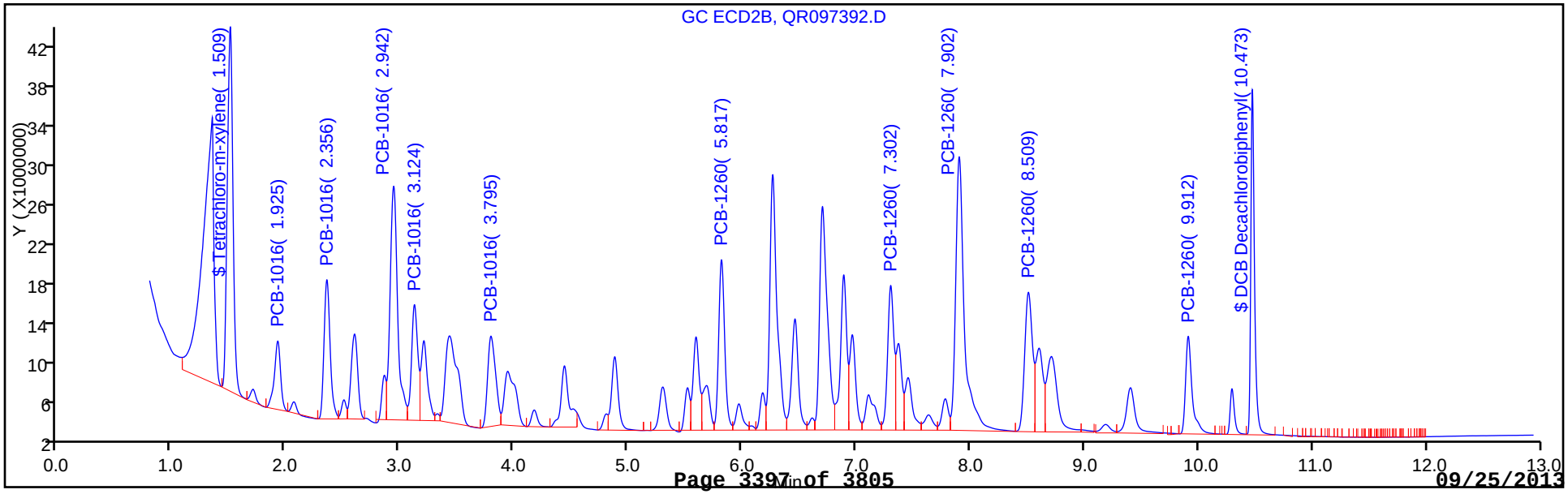
Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097392.D

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:



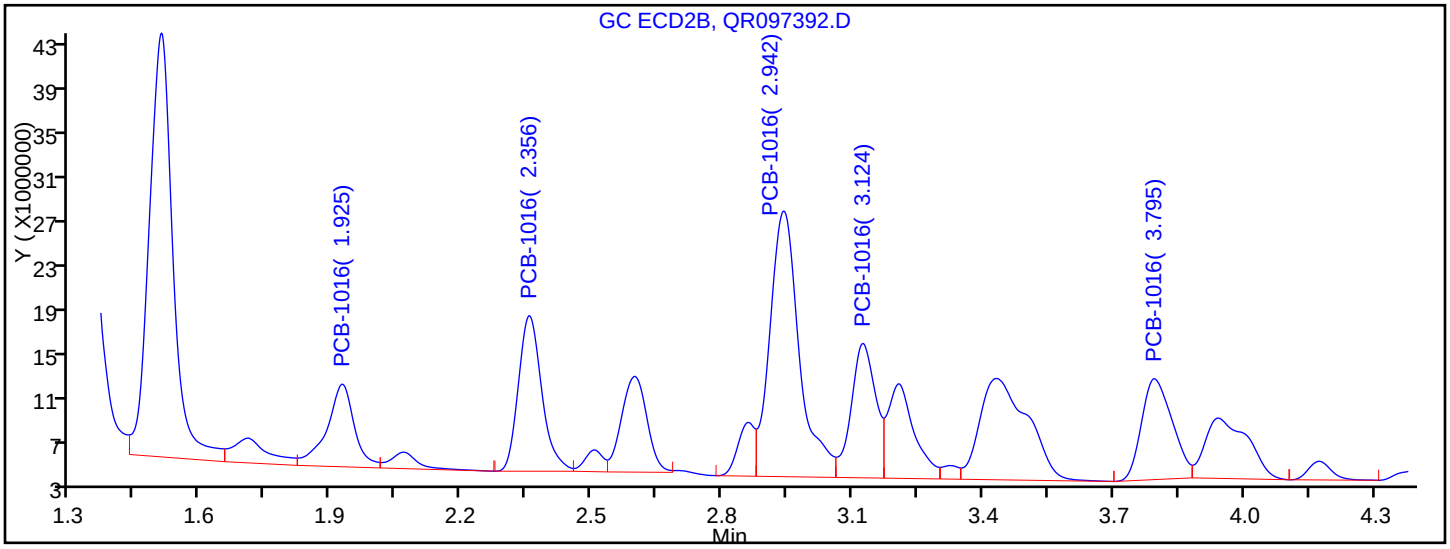
Report Date: 18-Sep-2013 11:35:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097392.D

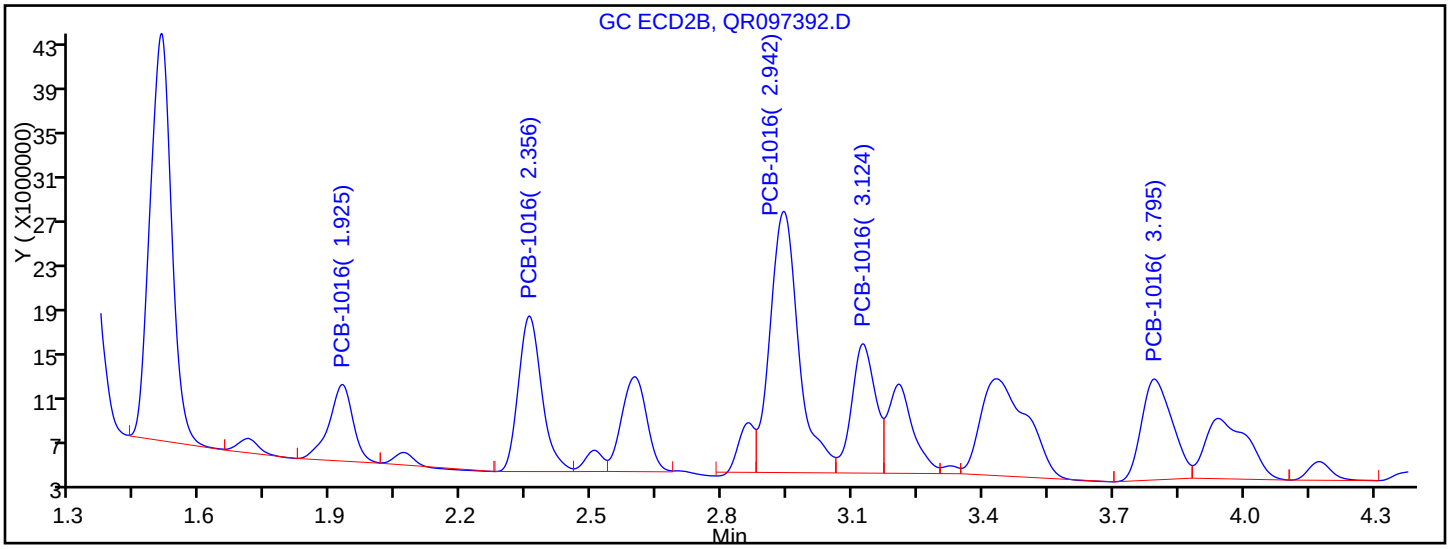
Injection Date:	18-Sep-2013 02:24:37	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

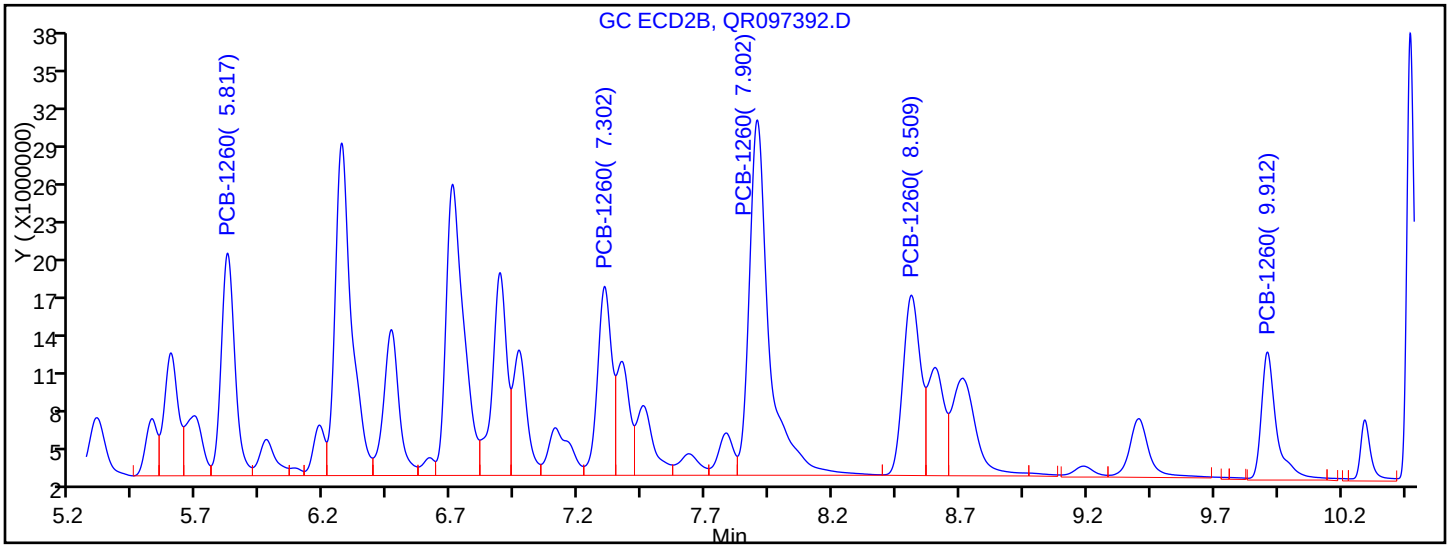
Report Date: 18-Sep-2013 11:35:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097392.D

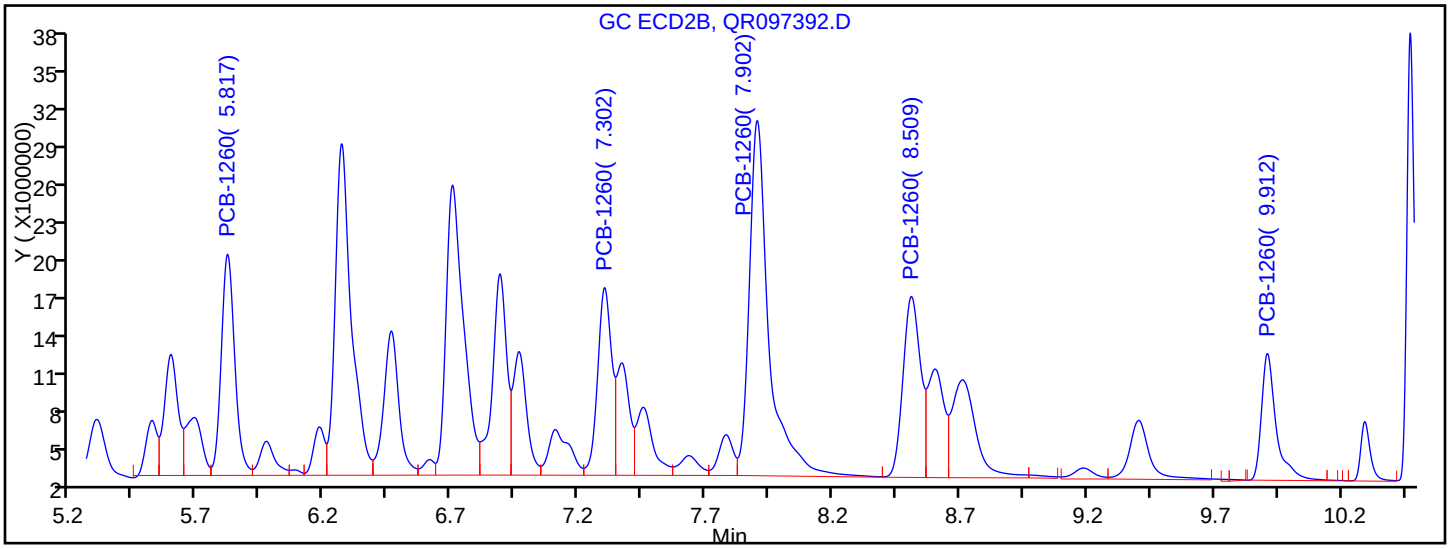
Injection Date:	18-Sep-2013 02:24:37	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

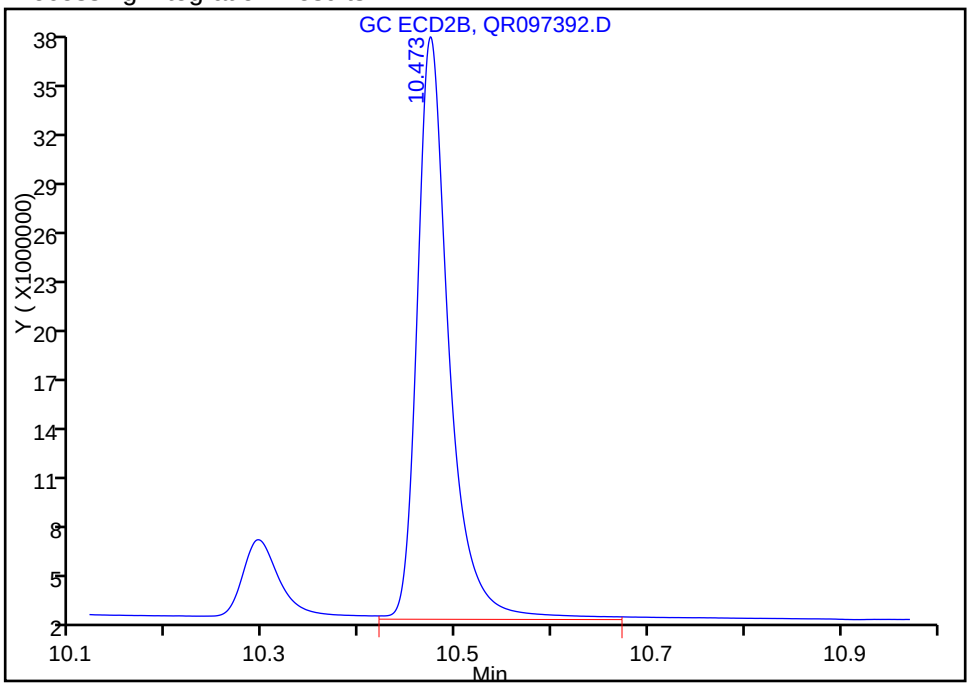
TestAmerica Edison

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

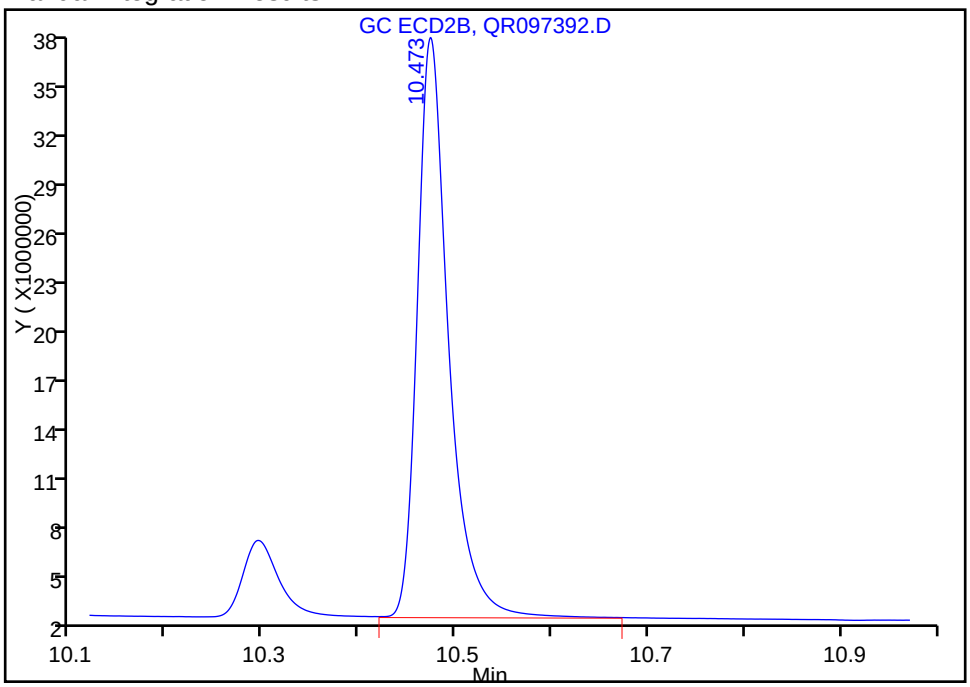
Processing Integration Results

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.: 460-62968-1

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

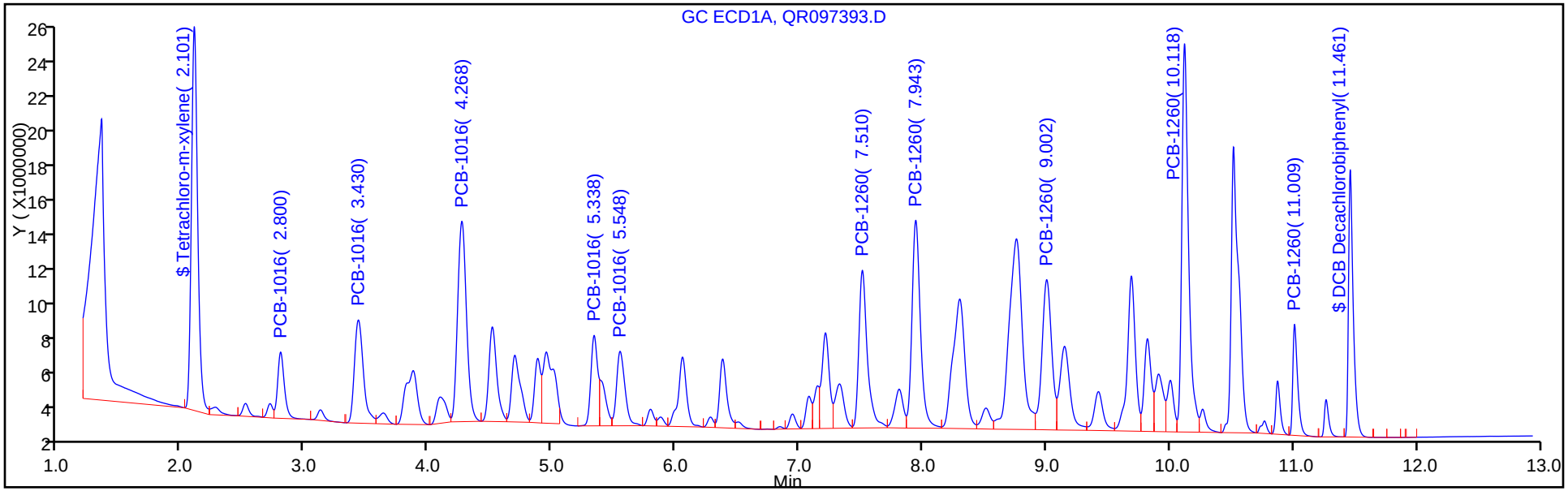
Report Date: 18-Sep-2013 11:35:31 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

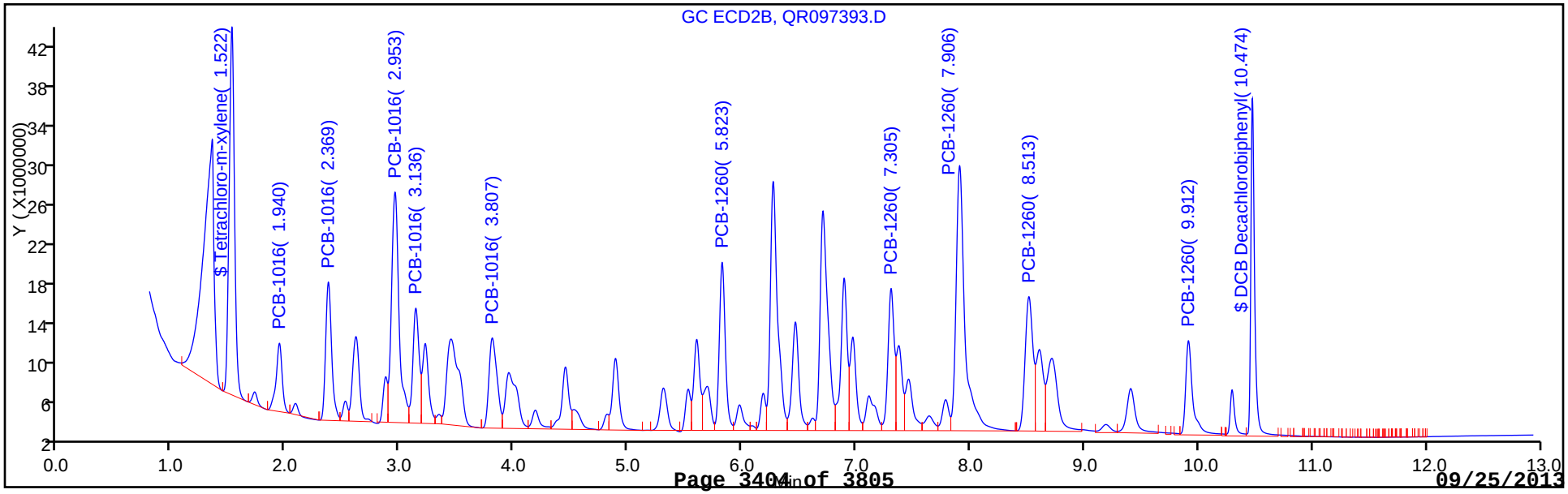
Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097393.D

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:



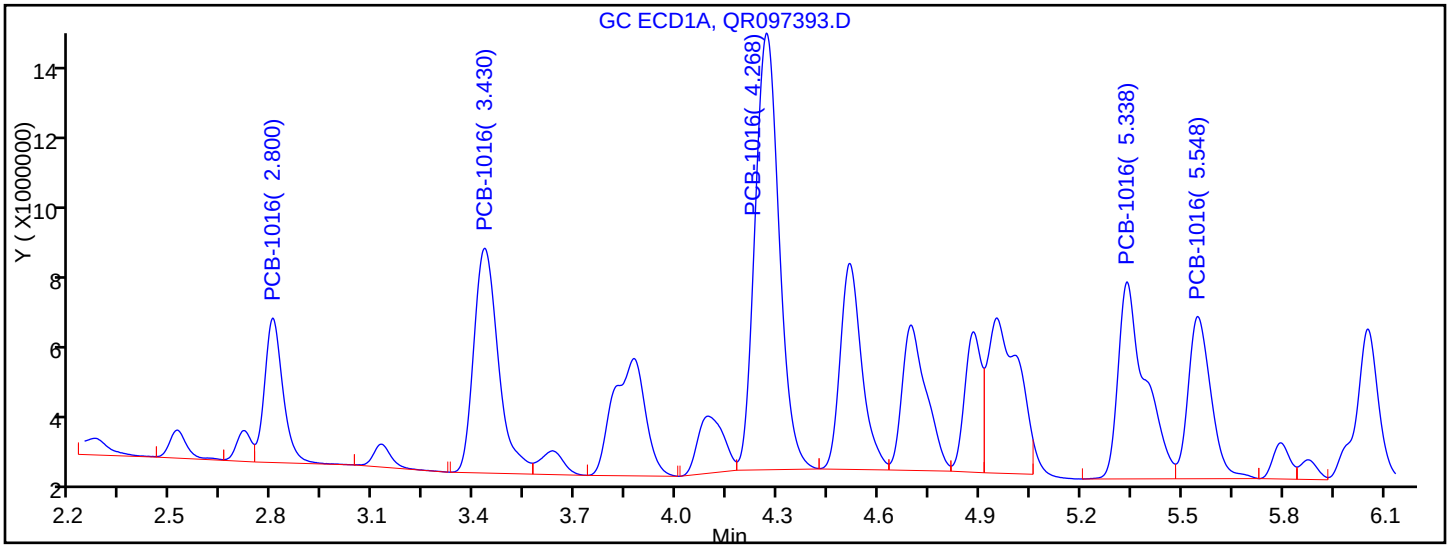
Report Date: 18-Sep-2013 11:35:31 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097393.D

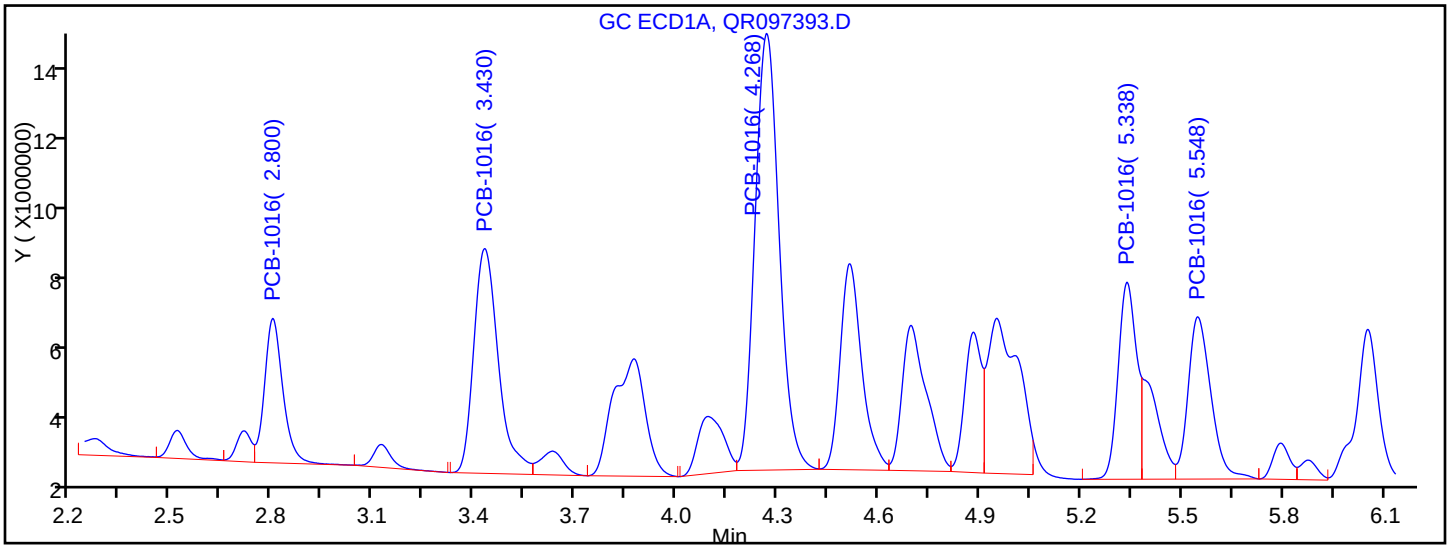
Injection Date:	18-Sep-2013 02:40:04	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 460-62968-1

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

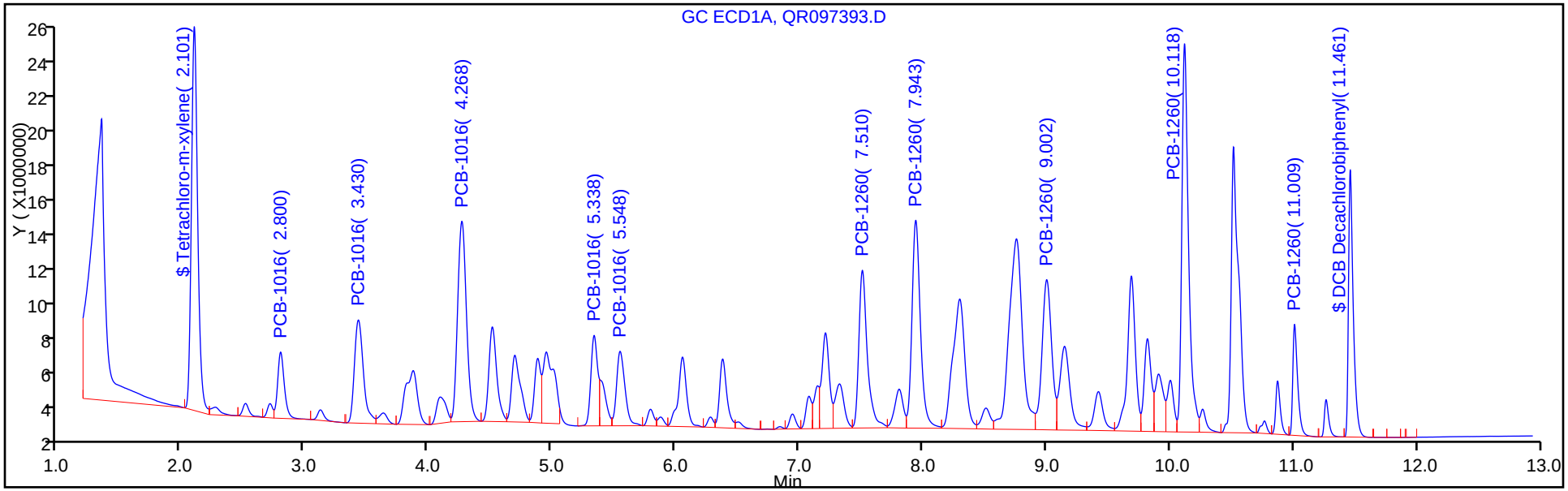
Report Date: 18-Sep-2013 11:35:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

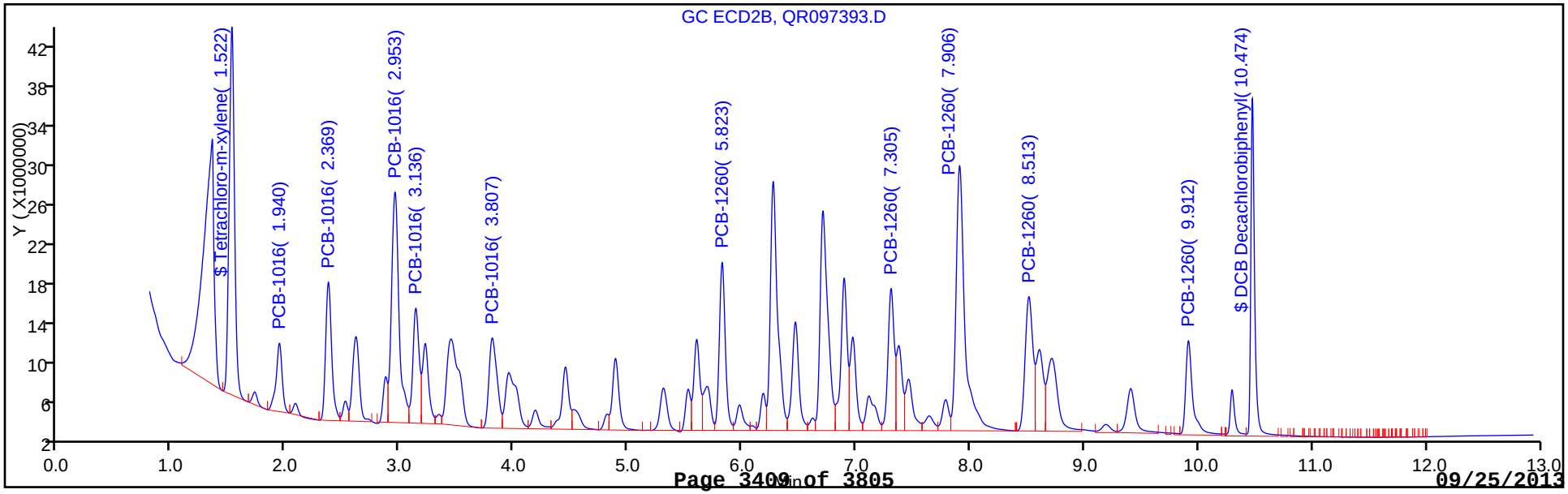
Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097393.D

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:



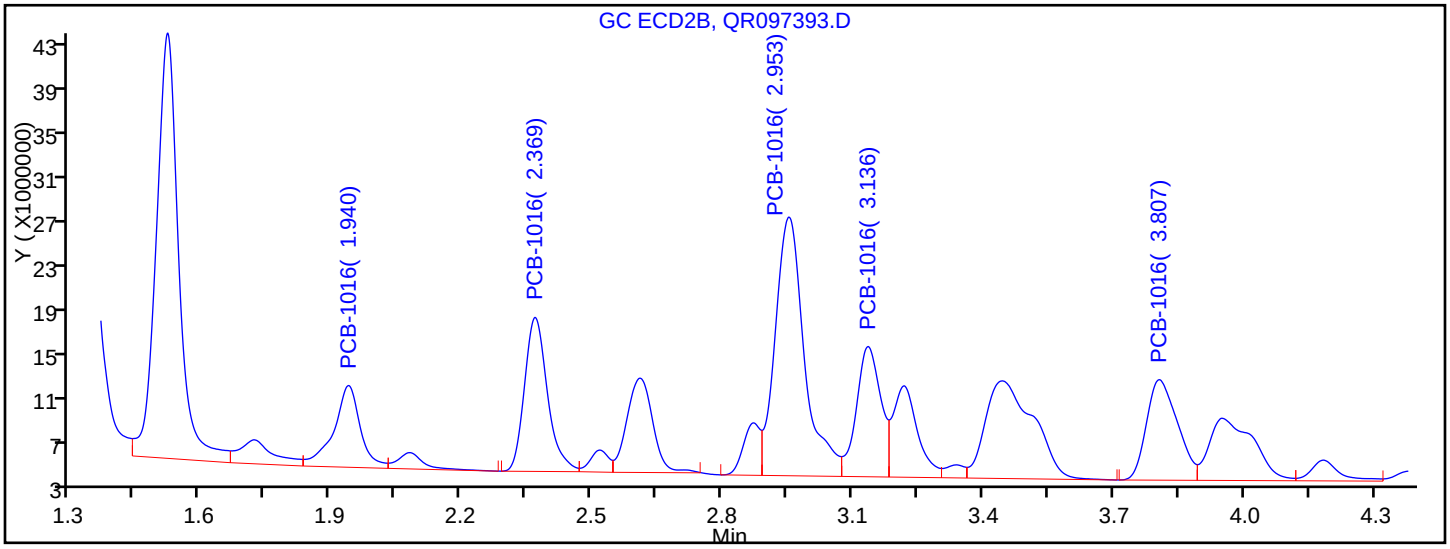
Report Date: 18-Sep-2013 11:35:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097393.D

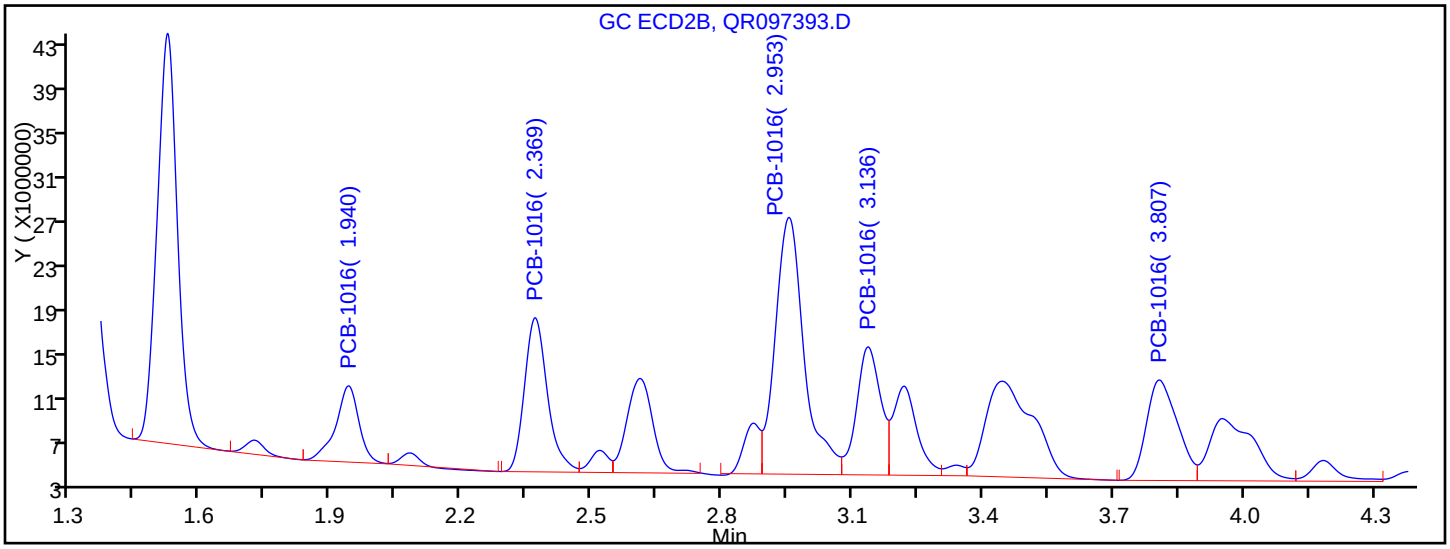
Injection Date:	18-Sep-2013 02:40:04	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

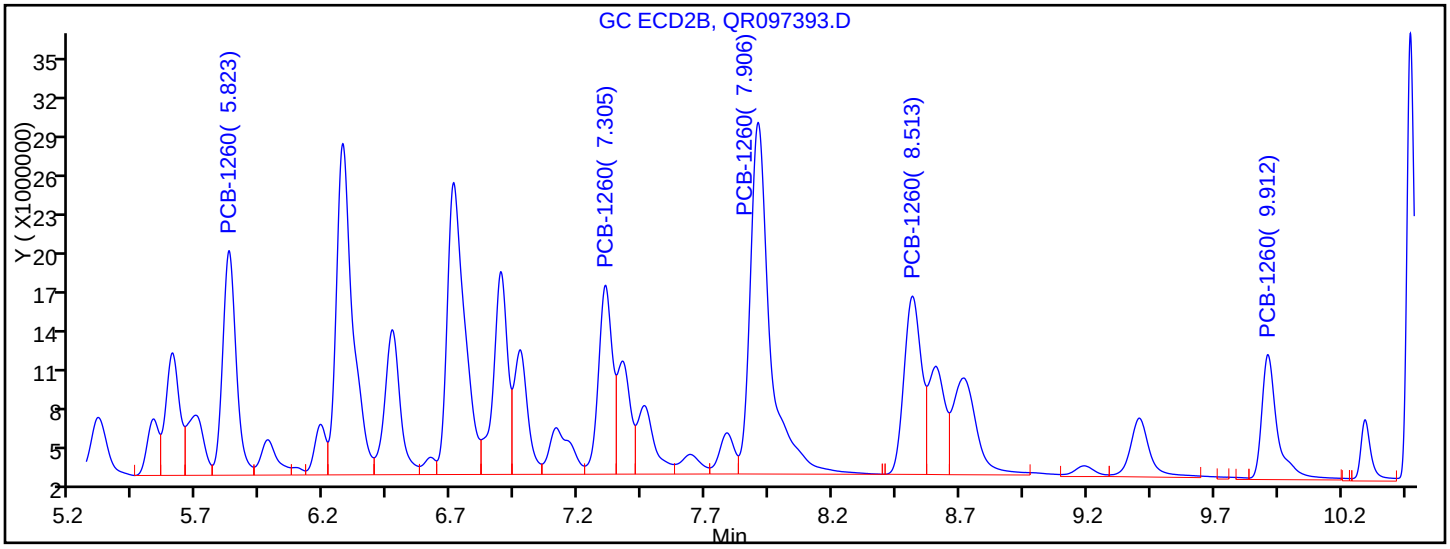
Report Date: 18-Sep-2013 11:35:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC8\20130917-4724.b\QR097393.D

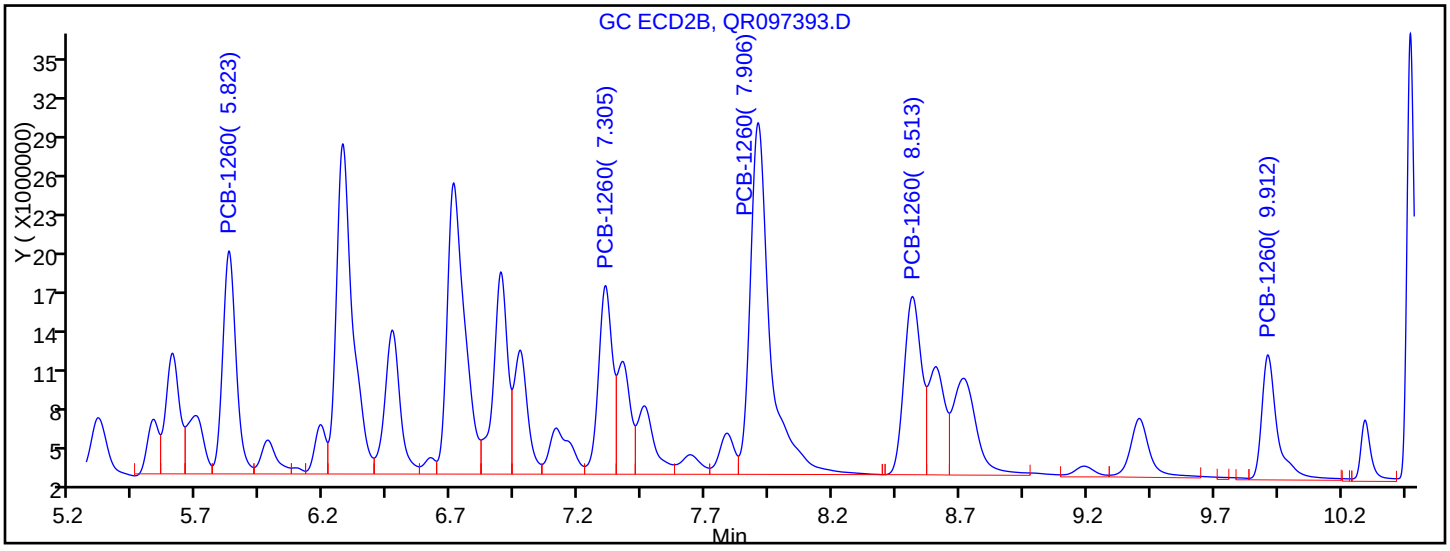
Injection Date:	18-Sep-2013 02:40:04	Limit Group:	GC 8082 PCB
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	181958	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD MS | Lab Sample ID: 460-62968-1 MS

Matrix: Solid | Lab File ID: OR208067.D

Analysis Method: 8082 | Date Collected: 09/12/2013 08:45

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.00(g) | Date Analyzed: 09/16/2013 10:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181491 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	461		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	327		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	87		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD MS | Lab Sample ID: 460-62968-1 MS

Matrix: Solid | Lab File ID: OR208067.D

Analysis Method: 8082 | Date Collected: 09/12/2013 08:45

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.00(g) | Date Analyzed: 09/16/2013 10:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181491 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*408*		*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*	*310*		*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	85		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-WT MS | Lab Sample ID: 460-62968-21 MS

Matrix: Solid | Lab File ID: VR489400.D

Analysis Method: 8082 | Date Collected: 09/12/2013 12:05

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.02(g) | Date Analyzed: 09/16/2013 15:04

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181549 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	13100		780	170
11104-28-2	*Aroclor 1221*	*170*	*U*	*780*	*170*
11141-16-5	*Aroclor 1232*	*170*	*U*	*780*	*170*
53469-21-9	*Aroclor 1242*	*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	3380		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

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-WT MS | Lab Sample ID: 460-62968-21 MS

Matrix: Solid | Lab File ID: VR489400.D

Analysis Method: 8082 | Date Collected: 09/12/2013 12:05

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.02(g) | Date Analyzed: 09/16/2013 15:04

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181549 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*10200*		*780*	*170*
11104-28-2	Aroclor 1221	170	U	780	170
11141-16-5	Aroclor 1232	170	U	780	170
53469-21-9	Aroclor 1242	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*	*3290*		*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

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD MSD | Lab Sample ID: 460-62968-1 MSD

Matrix: Solid | Lab File ID: OR208068.D

Analysis Method: 8082 | Date Collected: 09/12/2013 08:45

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.00(g) | Date Analyzed: 09/16/2013 11:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181491 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	459		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	330		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	91		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD MSD | Lab Sample ID: 460-62968-1 MSD

Matrix: Solid | Lab File ID: OR208068.D

Analysis Method: 8082 | Date Collected: 09/12/2013 08:45

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:32

Sample wt/vol: 15.00(g) | Date Analyzed: 09/16/2013 11:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181491 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*424*		*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*	*320*		*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

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-WT MSD | Lab Sample ID: 460-62968-21 MSD

Matrix: Solid | Lab File ID: VR489401.D

Analysis Method: 8082 | Date Collected: 09/12/2013 12:05

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.01(g) | Date Analyzed: 09/16/2013 15:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181549 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	13400		780	170
11104-28-2	*Aroclor 1221*	*170*	*U*	*780*	*170*
11141-16-5	*Aroclor 1232*	*170*	*U*	*780*	*170*
53469-21-9	*Aroclor 1242*	*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	3460		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

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-WT MSD | Lab Sample ID: 460-62968-21 MSD

Matrix: Solid | Lab File ID: VR489401.D

Analysis Method: 8082 | Date Collected: 09/12/2013 12:05

Extraction Method: 3546 | Date Extracted: 09/16/2013 04:37

Sample wt/vol: 15.01(g) | Date Analyzed: 09/16/2013 15:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181549 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*10400*		*780*	*170*
11104-28-2	Aroclor 1221	170	U	780	170
11141-16-5	Aroclor 1232	170	U	780	170
53469-21-9	Aroclor 1242	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*	*3370*		*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

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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.: 460-62968-1

SDG No.:

Instrument ID: CPESTGC7 Start Date: 09/16/2013 08:36

Analysis Batch Number: 181491 End Date: 09/16/2013 13:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/16/2013 08:36	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2013 08:36	1		CLP-1 0.53(mm)
CCV 460-181491/13		09/16/2013 08:53	1	OR208062.D	CLP-2 0.53(mm)
CCV 460-181491/13		09/16/2013 08:53	1	OR208062.D	CLP-1 0.53(mm)
ZZZZZ		09/16/2013 09:24	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2013 09:24	1		CLP-1 0.53(mm)
MB 460-181442/1-A		09/16/2013 09:41	1	OR208064.D	CLP-2 0.53(mm)
MB 460-181442/1-A		09/16/2013 09:41	1	OR208064.D	CLP-1 0.53(mm)
LCS 460-181442/2-A		09/16/2013 09:57	1	OR208065.D	CLP-2 0.53(mm)
LCS 460-181442/2-A		09/16/2013 09:57	1	OR208065.D	CLP-1 0.53(mm)
460-62968-1	PMP-27SE-VD	09/16/2013 10:13	1	OR208066.D	CLP-2 0.53(mm)
460-62968-1	PMP-27SE-VD	09/16/2013 10:13	1	OR208066.D	CLP-1 0.53(mm)
460-62968-1 MS	PMP-27SE-VD MS	09/16/2013 10:43	1	OR208067.D	CLP-2 0.53(mm)
460-62968-1 MS	PMP-27SE-VD MS	09/16/2013 10:43	1	OR208067.D	CLP-1 0.53(mm)
460-62968-1 MSD	PMP-27SE-VD MSD	09/16/2013 11:00	1	OR208068.D	CLP-2 0.53(mm)
460-62968-1 MSD	PMP-27SE-VD MSD	09/16/2013 11:00	1	OR208068.D	CLP-1 0.53(mm)
ZZZZZ		09/16/2013 11:16	10		CLP-2 0.53(mm)
ZZZZZ		09/16/2013 11:16	10		CLP-1 0.53(mm)
ZZZZZ		09/16/2013 11:32	2		CLP-2 0.53(mm)
ZZZZZ		09/16/2013 11:32	2		CLP-1 0.53(mm)
ZZZZZ		09/16/2013 11:49	2		CLP-2 0.53(mm)
ZZZZZ		09/16/2013 11:49	2		CLP-1 0.53(mm)
ZZZZZ		09/16/2013 12:06	5		CLP-2 0.53(mm)
ZZZZZ		09/16/2013 12:06	5		CLP-1 0.53(mm)
ZZZZZ		09/16/2013 12:22	5		CLP-2 0.53(mm)
ZZZZZ		09/16/2013 12:22	5		CLP-1 0.53(mm)
ZZZZZ		09/16/2013 12:38	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2013 12:38	1		CLP-1 0.53(mm)
CCV 460-181491/26		09/16/2013 13:19	1	OR208075.D	CLP-2 0.53(mm)
CCV 460-181491/26		09/16/2013 13:19	1	OR208075.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Instrument ID: CPESTGC7 Start Date: 09/16/2013 15:56

Analysis Batch Number: 181600 End Date: 09/16/2013 22:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-181600/34		09/16/2013 15:56	1	OR208083.D	CLP-2 0.53(mm)
CCV 460-181600/34		09/16/2013 15:56	1	OR208083.D	CLP-1 0.53(mm)
460-62968-2	PMP-27SE-WT	09/16/2013 16:57	1	OR208084.D	CLP-2 0.53(mm)
460-62968-2	PMP-27SE-WT	09/16/2013 16:57	1	OR208084.D	CLP-1 0.53(mm)
460-62968-3	PMP-27SE-SI	09/16/2013 17:14	1	OR208085.D	CLP-2 0.53(mm)
460-62968-3	PMP-27SE-SI	09/16/2013 17:14	1	OR208085.D	CLP-1 0.53(mm)
ZZZZZ		09/16/2013 17:33	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2013 17:33	1		CLP-1 0.53(mm)
460-62968-5	PMP-19SE-VD	09/16/2013 17:50	1	OR208087.D	CLP-2 0.53(mm)
460-62968-5	PMP-19SE-VD	09/16/2013 17:50	1	OR208087.D	CLP-1 0.53(mm)
ZZZZZ		09/16/2013 18:05	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2013 18:05	1		CLP-1 0.53(mm)
460-62968-7	PMP-19SE-SI	09/16/2013 18:22	1	OR208089.D	CLP-2 0.53(mm)
460-62968-7	PMP-19SE-SI	09/16/2013 18:22	1	OR208089.D	CLP-1 0.53(mm)
460-62968-8	PMP-26SE-VD	09/16/2013 18:38	1	OR208090.D	CLP-2 0.53(mm)
460-62968-8	PMP-26SE-VD	09/16/2013 18:38	1	OR208090.D	CLP-1 0.53(mm)
ZZZZZ		09/16/2013 18:55	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2013 18:55	1		CLP-1 0.53(mm)
460-62968-10	PMP-26SE-SI	09/16/2013 19:11	1	OR208092.D	CLP-2 0.53(mm)
460-62968-10	PMP-26SE-SI	09/16/2013 19:11	1	OR208092.D	CLP-1 0.53(mm)
460-62968-11	PMP-18SE-VD	09/16/2013 19:27	1	OR208093.D	CLP-2 0.53(mm)
460-62968-11	PMP-18SE-VD	09/16/2013 19:27	1	OR208093.D	CLP-1 0.53(mm)
ZZZZZ		09/16/2013 19:44	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2013 19:44	1		CLP-1 0.53(mm)
460-62968-13	PMP-18SE-SI	09/16/2013 20:01	1	OR208095.D	CLP-2 0.53(mm)
460-62968-13	PMP-18SE-SI	09/16/2013 20:01	1	OR208095.D	CLP-1 0.53(mm)
460-62968-14	PMP-17SE-VD	09/16/2013 20:17	1	OR208096.D	CLP-2 0.53(mm)
460-62968-14	PMP-17SE-VD	09/16/2013 20:17	1	OR208096.D	CLP-1 0.53(mm)
ZZZZZ		09/16/2013 20:34	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2013 20:34	1		CLP-1 0.53(mm)
460-62968-16	PMP-17SE-SI	09/16/2013 20:50	1	OR208098.D	CLP-2 0.53(mm)
460-62968-16	PMP-17SE-SI	09/16/2013 20:50	1	OR208098.D	CLP-1 0.53(mm)
460-62968-17	PMP-16SE-VD	09/16/2013 21:07	1	OR208099.D	CLP-2 0.53(mm)
460-62968-17	PMP-16SE-VD	09/16/2013 21:07	1	OR208099.D	CLP-1 0.53(mm)
ZZZZZ		09/16/2013 21:24	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2013 21:24	1		CLP-1 0.53(mm)
460-62968-19	PMP-16SE-SI	09/16/2013 21:40	1	OR208101.D	CLP-2 0.53(mm)
460-62968-19	PMP-16SE-SI	09/16/2013 21:40	1	OR208101.D	CLP-1 0.53(mm)
460-62968-20	PMP-28SE-VD	09/16/2013 21:56	1	OR208102.D	CLP-2 0.53(mm)
460-62968-20	PMP-28SE-VD	09/16/2013 21:56	1	OR208102.D	CLP-1 0.53(mm)
ZZZZZ		09/16/2013 22:13	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2013 22:13	1		CLP-1 0.53(mm)
CCV 460-181600/55		09/16/2013 22:29	1	OR208104.D	CLP-2 0.53(mm)
CCV 460-181600/55		09/16/2013 22:29	1	OR208104.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Instrument ID: CPESTGC7 Start Date: 09/16/2013 22:46

Analysis Batch Number: 181607 End Date: 09/17/2013 04:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/16/2013 22:46	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2013 22:46	1		CLP-1 0.53(mm)
CCV 460-181607/57		09/16/2013 23:03	1	OR208106.D	CLP-2 0.53(mm)
CCV 460-181607/57		09/16/2013 23:03	1	OR208106.D	CLP-1 0.53(mm)
460-62968-24	PMP-9SE-VD	09/16/2013 23:20	1	OR208107.D	CLP-2 0.53(mm)
460-62968-24	PMP-9SE-VD	09/16/2013 23:20	1	OR208107.D	CLP-1 0.53(mm)
460-62968-25	PMP-9SE-WT	09/16/2013 23:36	1	OR208108.D	CLP-2 0.53(mm)
460-62968-25	PMP-9SE-WT	09/16/2013 23:36	1	OR208108.D	CLP-1 0.53(mm)
ZZZZZ		09/16/2013 23:53	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2013 23:53	1		CLP-1 0.53(mm)
ZZZZZ		09/17/2013 00:09	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 00:09	1		CLP-1 0.53(mm)
ZZZZZ		09/17/2013 00:26	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 00:26	1		CLP-1 0.53(mm)
ZZZZZ		09/17/2013 00:43	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 00:43	1		CLP-1 0.53(mm)
ZZZZZ		09/17/2013 00:59	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 00:59	1		CLP-1 0.53(mm)
460-62968-31	PMP-2SE-VD	09/17/2013 01:16	1	OR208114.D	CLP-2 0.53(mm)
460-62968-31	PMP-2SE-VD	09/17/2013 01:16	1	OR208114.D	CLP-1 0.53(mm)
ZZZZZ		09/17/2013 01:33	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 01:33	1		CLP-1 0.53(mm)
ZZZZZ		09/17/2013 01:50	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 01:50	1		CLP-1 0.53(mm)
460-62968-34	PMP-22SE-VS	09/17/2013 02:06	1	OR208117.D	CLP-2 0.53(mm)
460-62968-34	PMP-22SE-VS	09/17/2013 02:06	1	OR208117.D	CLP-1 0.53(mm)
460-62968-35	PMP-22SE-VD	09/17/2013 02:22	1	OR208118.D	CLP-2 0.53(mm)
460-62968-35	PMP-22SE-VD	09/17/2013 02:22	1	OR208118.D	CLP-1 0.53(mm)
460-62968-36	PMP-22SE-WT	09/17/2013 02:39	1	OR208119.D	CLP-2 0.53(mm)
460-62968-36	PMP-22SE-WT	09/17/2013 02:39	1	OR208119.D	CLP-1 0.53(mm)
460-62968-37	PMP-23SE-VS	09/17/2013 02:55	1	OR208120.D	CLP-2 0.53(mm)
460-62968-37	PMP-23SE-VS	09/17/2013 02:55	1	OR208120.D	CLP-1 0.53(mm)
460-62968-38	PMP-23SE-VD	09/17/2013 03:11	1	OR208121.D	CLP-2 0.53(mm)
460-62968-38	PMP-23SE-VD	09/17/2013 03:11	1	OR208121.D	CLP-1 0.53(mm)
460-62968-39	PMP-23SE-WT	09/17/2013 03:28	1	OR208122.D	CLP-2 0.53(mm)
460-62968-39	PMP-23SE-WT	09/17/2013 03:28	1	OR208122.D	CLP-1 0.53(mm)
ZZZZZ		09/17/2013 03:44	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 03:44	1		CLP-1 0.53(mm)
CCV 460-181607/75		09/17/2013 04:01	1	OR208124.D	CLP-2 0.53(mm)
CCV 460-181607/75		09/17/2013 04:01	1	OR208124.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Instrument ID: CPESTGC7 Start Date: 09/17/2013 07:55

Analysis Batch Number: 181716 End Date: 09/17/2013 12:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/17/2013 07:55	1		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 07:55	1		CLP-1 0.53(mm)
CCV 460-181716/2		09/17/2013 08:11	1	OR208128.D	CLP-2 0.53(mm)
CCV 460-181716/2		09/17/2013 08:11	1	OR208128.D	CLP-1 0.53(mm)
460-62968-26	PMP-9SE-SI	09/17/2013 08:58	25	OR208129.D	CLP-2 0.53(mm)
460-62968-26	PMP-9SE-SI	09/17/2013 08:58	25	OR208129.D	CLP-1 0.53(mm)
460-62968-27	PMP-24SE-VS	09/17/2013 09:14	500	OR208130.D	CLP-2 0.53(mm)
460-62968-27	PMP-24SE-VS	09/17/2013 09:14	500	OR208130.D	CLP-1 0.53(mm)
460-62968-28	PMP-24SE-VD	09/17/2013 09:31	1000	OR208131.D	CLP-2 0.53(mm)
460-62968-28	PMP-24SE-VD	09/17/2013 09:31	1000	OR208131.D	CLP-1 0.53(mm)
460-62968-29	PMP-24SE-WT	09/17/2013 09:48	1000	OR208132.D	CLP-2 0.53(mm)
460-62968-29	PMP-24SE-WT	09/17/2013 09:48	1000	OR208132.D	CLP-1 0.53(mm)
460-62968-30	PMP-24SE-SI	09/17/2013 10:04	100	OR208133.D	CLP-2 0.53(mm)
460-62968-30	PMP-24SE-SI	09/17/2013 10:04	100	OR208133.D	CLP-1 0.53(mm)
460-62968-32	PMP-2SE-WT	09/17/2013 10:21	200	OR208134.D	CLP-2 0.53(mm)
460-62968-32	PMP-2SE-WT	09/17/2013 10:21	200	OR208134.D	CLP-1 0.53(mm)
460-62968-33	PMP-2SE-SI	09/17/2013 10:37	10	OR208135.D	CLP-2 0.53(mm)
460-62968-33	PMP-2SE-SI	09/17/2013 10:37	10	OR208135.D	CLP-1 0.53(mm)
460-62968-4	PMP-27SE-SD	09/17/2013 10:54	10	OR208136.D	CLP-2 0.53(mm)
460-62968-4	PMP-27SE-SD	09/17/2013 10:54	10	OR208136.D	CLP-1 0.53(mm)
460-62968-6	PMP-19SE-WT	09/17/2013 11:11	10	OR208137.D	CLP-2 0.53(mm)
460-62968-6	PMP-19SE-WT	09/17/2013 11:11	10	OR208137.D	CLP-1 0.53(mm)
ZZZZZ		09/17/2013 11:27	10		CLP-2 0.53(mm)
ZZZZZ		09/17/2013 11:27	10		CLP-1 0.53(mm)
460-62968-12	PMP-18SE-WT	09/17/2013 11:44	10	OR208139.D	CLP-2 0.53(mm)
460-62968-12	PMP-18SE-WT	09/17/2013 11:44	10	OR208139.D	CLP-1 0.53(mm)
460-62968-15	PMP-17SE-WT	09/17/2013 12:00	20	OR208140.D	CLP-2 0.53(mm)
460-62968-15	PMP-17SE-WT	09/17/2013 12:00	20	OR208140.D	CLP-1 0.53(mm)
460-62968-18	PMP-16SE-WT	09/17/2013 12:17	5	OR208141.D	CLP-2 0.53(mm)
460-62968-18	PMP-16SE-WT	09/17/2013 12:17	5	OR208141.D	CLP-1 0.53(mm)
460-62968-9	PMP-26SE-WT	09/17/2013 12:33	20	OR208142.D	CLP-2 0.53(mm)
460-62968-9	PMP-26SE-WT	09/17/2013 12:33	20	OR208142.D	CLP-1 0.53(mm)
CCV 460-181716/17		09/17/2013 12:50	1	OR208143.D	CLP-2 0.53(mm)
CCV 460-181716/17		09/17/2013 12:50	1	OR208143.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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.: 460-62968-1

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)
460-62968-40	FB-091213	09/18/2013 05:13	1	QR097402.D	CLP-2 0.53(mm)
460-62968-40	FB-091213	09/18/2013 05:13	1	QR097402.D	CLP-1 0.53(mm)
ZZZZZ		09/18/2013 05:30	1		CLP-2 0.53(mm)
ZZZZZ		09/18/2013 05:30	1		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 ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Instrument ID: CPESTGC9 Start Date: 09/09/2013 09:04

Analysis Batch Number: 180324 End Date: 09/09/2013 12:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-180324/1		09/09/2013 09:04	1		CLP-2 0.53(mm)
PIBLK 460-180324/1		09/09/2013 09:04	1		CLP-1 0.53(mm)
IC 460-180324/2		09/09/2013 09:20	1	VR489182.D	CLP-2 0.53(mm)
IC 460-180324/2		09/09/2013 09:20	1	VR489182.D	CLP-1 0.53(mm)
IC 460-180324/3		09/09/2013 09:35	1	VR489183.D	CLP-2 0.53(mm)
IC 460-180324/3		09/09/2013 09:35	1	VR489183.D	CLP-1 0.53(mm)
IC 460-180324/4 ICRT		09/09/2013 09:51	1	VR489184.D	CLP-2 0.53(mm)
IC 460-180324/4 ICRT		09/09/2013 09:51	1	VR489184.D	CLP-1 0.53(mm)
IC 460-180324/5		09/09/2013 10:07	1	VR489185.D	CLP-2 0.53(mm)
IC 460-180324/5		09/09/2013 10:07	1	VR489185.D	CLP-1 0.53(mm)
IC 460-180324/6		09/09/2013 10:23	1	VR489186.D	CLP-2 0.53(mm)
IC 460-180324/6		09/09/2013 10:23	1	VR489186.D	CLP-1 0.53(mm)
IC 460-180324/7		09/09/2013 10:39	1	VR489187.D	CLP-2 0.53(mm)
IC 460-180324/7		09/09/2013 10:39	1	VR489187.D	CLP-1 0.53(mm)
IC 460-180324/8		09/09/2013 10:54	1	VR489188.D	CLP-2 0.53(mm)
IC 460-180324/8		09/09/2013 10:54	1	VR489188.D	CLP-1 0.53(mm)
IC 460-180324/9		09/09/2013 11:10	1	VR489189.D	CLP-2 0.53(mm)
IC 460-180324/9		09/09/2013 11:10	1	VR489189.D	CLP-1 0.53(mm)
IC 460-180324/10		09/09/2013 11:26	1	VR489190.D	CLP-2 0.53(mm)
IC 460-180324/10		09/09/2013 11:26	1	VR489190.D	CLP-1 0.53(mm)
IC 460-180324/11		09/09/2013 11:42	1	VR489191.D	CLP-2 0.53(mm)
IC 460-180324/11		09/09/2013 11:42	1	VR489191.D	CLP-1 0.53(mm)
IC 460-180324/12		09/09/2013 11:58	1	VR489192.D	CLP-2 0.53(mm)
IC 460-180324/12		09/09/2013 11:58	1	VR489192.D	CLP-1 0.53(mm)
IC 460-180324/13		09/09/2013 12:14	1	VR489193.D	CLP-2 0.53(mm)
IC 460-180324/13		09/09/2013 12:14	1	VR489193.D	CLP-1 0.53(mm)
ICV 460-180324/14		09/09/2013 12:29	1		CLP-2 0.53(mm)
ICV 460-180324/14		09/09/2013 12:29	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Instrument ID: CPESTGC9 Start Date: 09/16/2013 11:55

Analysis Batch Number: 181549 End Date: 09/16/2013 16:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-181549/5		09/16/2013 11:55	1	VR489390.D	CLP-2 0.53(mm)
CCV 460-181549/5		09/16/2013 11:55	1	VR489390.D	CLP-1 0.53(mm)
MB 460-181446/1-A		09/16/2013 12:13	1	VR489391.D	CLP-2 0.53(mm)
MB 460-181446/1-A		09/16/2013 12:13	1	VR489391.D	CLP-1 0.53(mm)
LCS 460-181446/2-A		09/16/2013 12:29	1	VR489392.D	CLP-2 0.53(mm)
LCS 460-181446/2-A		09/16/2013 12:29	1	VR489392.D	CLP-1 0.53(mm)
ZZZZZ		09/16/2013 12:45	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2013 12:45	1		CLP-1 0.53(mm)
ZZZZZ		09/16/2013 13:01	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2013 13:01	1		CLP-1 0.53(mm)
ZZZZZ		09/16/2013 13:17	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2013 13:17	1		CLP-1 0.53(mm)
ZZZZZ		09/16/2013 13:32	1		CLP-2 0.53(mm)
ZZZZZ		09/16/2013 13:32	1		CLP-1 0.53(mm)
460-62968-22	PMP-28SE-SI	09/16/2013 14:16	1	VR489397.D	CLP-2 0.53(mm)
460-62968-22	PMP-28SE-SI	09/16/2013 14:16	1	VR489397.D	CLP-1 0.53(mm)
460-62968-23	PMP-28SE-SD	09/16/2013 14:31	1	VR489398.D	CLP-2 0.53(mm)
460-62968-23	PMP-28SE-SD	09/16/2013 14:31	1	VR489398.D	CLP-1 0.53(mm)
460-62968-21	PMP-28SE-WT	09/16/2013 14:48	10	VR489399.D	CLP-2 0.53(mm)
460-62968-21	PMP-28SE-WT	09/16/2013 14:48	10	VR489399.D	CLP-1 0.53(mm)
460-62968-21 MS	PMP-28SE-WT MS	09/16/2013 15:04	10	VR489400.D	CLP-2 0.53(mm)
460-62968-21 MS	PMP-28SE-WT MS	09/16/2013 15:04	10	VR489400.D	CLP-1 0.53(mm)
460-62968-21 MSD	PMP-28SE-WT MSD	09/16/2013 15:20	10	VR489401.D	CLP-2 0.53(mm)
460-62968-21 MSD	PMP-28SE-WT MSD	09/16/2013 15:20	10	VR489401.D	CLP-1 0.53(mm)
CCV 460-181549/17		09/16/2013 16:08	1	VR489402.D	CLP-2 0.53(mm)
CCV 460-181549/17		09/16/2013 16:08	1	VR489402.D	CLP-1 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Batch Number: 181442 Batch Start Date: 09/16/13 04:31 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 00023		
MB 460-181442/1		3546, 8082		15.00 g	10 mL		50 uL		
LCS 460-181442/2		3546, 8082		15.00 g	10 mL	50 uL	50 uL		
460-62968-E-1 MS	PMP-27SE-VD	3546, 8082	T	15.00 g	10 mL	50 uL	50 uL		
460-62968-E-1 MSD	PMP-27SE-VD	3546, 8082	T	15.00 g	10 mL	50 uL	50 uL		
460-62968-E-1	PMP-27SE-VD	3546, 8082	T	15.02 g	10 mL		50 uL		
460-62968-E-2	PMP-27SE-WT	3546, 8082	T	15.04 g	10 mL		50 uL		
460-62968-E-3	PMP-27SE-SI	3546, 8082	T	15.01 g	10 mL		50 uL		
460-62968-E-4	PMP-27SE-SD	3546, 8082	T	15.00 g	10 mL		50 uL		
460-62968-E-5	PMP-19SE-VD	3546, 8082	T	15.02 g	10 mL		50 uL		
460-62968-E-6	PMP-19SE-WT	3546, 8082	T	15.03 g	10 mL		50 uL		
460-62968-E-7	PMP-19SE-SI	3546, 8082	T	15.01 g	10 mL		50 uL		
460-62968-E-8	PMP-26SE-VD	3546, 8082	T	15.02 g	10 mL		50 uL		
460-62968-E-9	PMP-26SE-WT	3546, 8082	T	15.04 g	10 mL		50 uL		
460-62968-E-10	PMP-26SE-SI	3546, 8082	T	15.05 g	10 mL		50 uL		
460-62968-E-11	PMP-18SE-VD	3546, 8082	T	15.01 g	10 mL		50 uL		
460-62968-E-12	PMP-18SE-WT	3546, 8082	T	15.02 g	10 mL		50 uL		
460-62968-E-13	PMP-18SE-SI	3546, 8082	T	15.05 g	10 mL		50 uL		
460-62968-E-14	PMP-17SE-VD	3546, 8082	T	15.00 g	10 mL		50 uL		
460-62968-E-15	PMP-17SE-WT	3546, 8082	T	15.03 g	10 mL		50 uL		
460-62968-E-16	PMP-17SE-SI	3546, 8082	T	15.02 g	10 mL		50 uL		
460-62968-E-17	PMP-16SE-VD	3546, 8082	T	15.05 g	10 mL		50 uL		
460-62968-E-18	PMP-16SE-WT	3546, 8082	T	15.04 g	10 mL		50 uL		
460-62968-E-19	PMP-16SE-SI	3546, 8082	T	15.00 g	10 mL		50 uL		
460-62968-E-20	PMP-28SE-VD	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.: 460-62968-1

SDG No.:

Batch Number: 181442 Batch Start Date: 09/16/13 04:31 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
TBA Lot #	op704
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.: 460-62968-1

SDG No.:

Batch Number: 181446 Batch Start Date: 09/16/13 04:37 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 00023		
MB 460-181446/1		3546, 8082		15.00 g	10 mL		50 uL		
LCS 460-181446/2		3546, 8082		15.00 g	10 mL	50 uL	50 uL		
460-62968-E-21 MS	PMP-28SE-WT	3546, 8082	T	15.02 g	10 mL	50 uL	50 uL		
460-62968-E-21 MSD	PMP-28SE-WT	3546, 8082	T	15.01 g	10 mL	50 uL	50 uL		
460-62968-E-21	PMP-28SE-WT	3546, 8082	T	15.03 g	10 mL		50 uL		
460-62968-E-22	PMP-28SE-SI	3546, 8082	T	15.01 g	10 mL		50 uL		
460-62968-E-23	PMP-28SE-SD	3546, 8082	T	15.05 g	10 mL		50 uL		
460-62968-E-24	PMP-9SE-VD	3546, 8082	T	15.04 g	10 mL		50 uL		
460-62968-E-25	PMP-9SE-WT	3546, 8082	T	15.02 g	10 mL		50 uL		
460-62968-E-26	PMP-9SE-SI	3546, 8082	T	15.01 g	10 mL		50 uL		
460-62968-E-27	PMP-24SE-VS	3546, 8082	T	15.05 g	10 mL		50 uL		
460-62968-E-28	PMP-24SE-VD	3546, 8082	T	15.03 g	10 mL		50 uL		
460-62968-E-29	PMP-24SE-WT	3546, 8082	T	15.00 g	10 mL		50 uL		
460-62968-E-30	PMP-24SE-SI	3546, 8082	T	15.02 g	10 mL		50 uL		
460-62968-E-31	PMP-2SE-VD	3546, 8082	T	15.01 g	10 mL		50 uL		
460-62968-E-32	PMP-2SE-WT	3546, 8082	T	15.04 g	10 mL		50 uL		
460-62968-E-33	PMP-2SE-SI	3546, 8082	T	15.01 g	10 mL		50 uL		
460-62968-E-34	PMP-22SE-VS	3546, 8082	T	15.02 g	10 mL		50 uL		
460-62968-E-35	PMP-22SE-VD	3546, 8082	T	15.02 g	10 mL		50 uL		
460-62968-E-36	PMP-22SE-WT	3546, 8082	T	15.05 g	10 mL		50 uL		
460-62968-E-37	PMP-23SE-VS	3546, 8082	T	15.01 g	10 mL		50 uL		
460-62968-E-38	PMP-23SE-VD	3546, 8082	T	15.00 g	10 mL		50 uL		
460-62968-E-39	PMP-23SE-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.: 460-62968-1

SDG No.:

Batch Number: 181446 Batch Start Date: 09/16/13 04:37 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
TBA Lot #	op704
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.: 460-62968-1

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	
460-62968-E-40	FB-091213	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.

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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
PMP-27SE-VD	460-62968-1	76	95
PMP-27SE-WT	460-62968-2	31 X	52
PMP-27SE-SI	460-62968-3	33 X	50
PMP-27SE-SD	460-62968-4	0 D X	0 D X
PMP-19SE-VD	460-62968-5	51	74
PMP-19SE-WT	460-62968-6	0 D X	0 D X
PMP-19SE-SI	460-62968-7	37 X	53
PMP-26SE-VD	460-62968-8	43	62
PMP-26SE-WT	460-62968-9	0 D X	0 D X
PMP-26SE-SI	460-62968-10	55	73
PMP-18SE-VD	460-62968-11	48	79
PMP-18SE-WT	460-62968-12	0 D X	0 D X
PMP-18SE-SI	460-62968-13	44	74
PMP-17SE-VD	460-62968-14	49	70
PMP-17SE-WT	460-62968-15	0 D X	0 D X
PMP-17SE-SI	460-62968-16	52	76
PMP-16SE-VD	460-62968-17	42	69
PMP-16SE-WT	460-62968-18	0 D X	0 D X
PMP-16SE-SI	460-62968-19	41	71
PMP-28SE-VD	460-62968-20	0 D X	0 D X
PMP-28SE-WT	460-62968-21	0 D X	0 D X
PMP-28SE-SI	460-62968-22	39 X	62
PMP-28SE-SD	460-62968-23	30 X	51
PMP-9SE-VD	460-62968-24	36 X	52
PMP-9SE-WT	460-62968-25	30 X	53
PMP-9SE-SI	460-62968-26	0 D X	0 D X
PMP-24SE-VS	460-62968-27	0 D X	0 D X
PMP-24SE-VD	460-62968-28	0 D X	0 D X
PMP-24SE-WT	460-62968-29	0 D X	0 D X
PMP-24SE-SI	460-62968-30	0 X D	0 X D
PMP-2SE-VD	460-62968-31	0 X D	0 X D
PMP-2SE-WT	460-62968-32	0 D X	0 D X
PMP-2SE-SI	460-62968-33	0 X D	0 X D
PMP-22SE-VS	460-62968-34	47	72
PMP-22SE-VD	460-62968-35	79	104

	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
PMP-22SE-WT	460-62968-36	45	64
PMP-23SE-VS	460-62968-37	32 X	53
PMP-23SE-VD	460-62968-38	48	69
PMP-23SE-WT	460-62968-39	45	64
	MB 460-181552/1-A	58	73
	MB 460-181553/1-A	61	84
	MB 460-181994/1-A	56	78
	LCS 460-181552/2-A	70	82
	LCS 460-181553/2-A	71	78
	LCS 460-181994/2-A	69	80
PMP-27SE-VD MS	460-62968-1 MS	53	73
PMP-22SE-VD MS	460-62968-35 MS	54	66
	460-62993-E-15-D MS	61	71
PMP-27SE-VD MSD	460-62968-1 MSD	46	60
PMP-22SE-VD MSD	460-62968-35 MSD	44	55
	460-62993-E-15-E MSD	61	72

	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.: 460-62968-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
FB-091213	460-62968-40	55	64
	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.: 460-62968-1

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 NJ-OQA-QAM-025

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5275.D

Lab ID: LCS 460-181552/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	121	90	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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5276.D

Lab ID: 460-62968-1 MS Client ID: PMP-27SE-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)	142	19	169	105	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5306.D

Lab ID: 460-62968-35 MS Client ID: PMP-22SE-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)	142	5.7 U	92.1	65	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5454.D

Lab ID: 460-62993-E-15-D 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	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 DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5277.D

Lab ID: 460-62968-1 MSD Client ID: PMP-27SE-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)	142	158	97	7	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.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5307.D

Lab ID: 460-62968-35 MSD Client ID: PMP-22SE-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)	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 III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F5455.D

Lab ID: 460-62993-E-15-E 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	113	79	5	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.: 460-62968-1

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-091213	460-62968-40	GC2F5270.D	09/17/2013 09:41

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab File ID: GC2F5274.D Lab Sample ID: MB 460-181552/1-A

Matrix: Solid Date Extracted: 09/16/2013 12:54

Instrument ID: CBNAGC2 Date Analyzed: 09/17/2013 10:40

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-181552/2-A	GC2F5275.D	09/17/2013 10:55
PMP-27SE-VD MS	460-62968-1 MS	GC2F5276.D	09/17/2013 11:09
PMP-27SE-VD MSD	460-62968-1 MSD	GC2F5277.D	09/17/2013 11:24
PMP-19SE-VD	460-62968-5	GC2F5284.D	09/17/2013 13:07
PMP-19SE-SI	460-62968-7	GC2F5286.D	09/17/2013 13:37
PMP-26SE-VD	460-62968-8	GC2F5287.D	09/17/2013 13:51
PMP-18SE-VD	460-62968-11	GC2F5290.D	09/17/2013 14:36
PMP-18SE-SI	460-62968-13	GC2F5292.D	09/17/2013 15:05
PMP-17SE-VD	460-62968-14	GC2F5295.D	09/17/2013 15:49
PMP-16SE-VD	460-62968-17	GC2F5298.D	09/17/2013 16:33
PMP-27SE-VD	460-62968-1	GC2F5368.D	09/18/2013 10:37
PMP-27SE-SD	460-62968-4	GC2F5369.D	09/18/2013 10:52
PMP-19SE-WT	460-62968-6	GC2F5370.D	09/18/2013 11:06
PMP-26SE-WT	460-62968-9	GC2F5371.D	09/18/2013 11:21
PMP-18SE-WT	460-62968-12	GC2F5372.D	09/18/2013 11:35
PMP-17SE-WT	460-62968-15	GC2F5373.D	09/18/2013 11:50
PMP-16SE-WT	460-62968-18	GC2F5374.D	09/18/2013 12:05
PMP-28SE-VD	460-62968-20	GC2F5375.D	09/18/2013 12:20

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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
PMP-22SE-VD MS	460-62968-35 MS	GC2F5306.D	09/17/2013 18:30
PMP-22SE-VD MSD	460-62968-35 MSD	GC2F5307.D	09/17/2013 18:45
PMP-9SE-VD	460-62968-24	GC2F5311.D	09/17/2013 19:44
PMP-9SE-WT	460-62968-25	GC2F5312.D	09/17/2013 19:58
PMP-22SE-VS	460-62968-34	GC2F5323.D	09/17/2013 22:40
PMP-22SE-WT	460-62968-36	GC2F5327.D	09/17/2013 23:38
PMP-22SE-VD	460-62968-35	GC2F5378.D	09/18/2013 13:48
PMP-9SE-SI	460-62968-26	GC2F5379.D	09/18/2013 14:20
PMP-24SE-VS	460-62968-27	GC2F5380.D	09/18/2013 14:35
PMP-24SE-VD	460-62968-28	GC2F5381.D	09/18/2013 14:49
PMP-24SE-WT	460-62968-29	GC2F5382.D	09/18/2013 15:04
PMP-2SE-WT	460-62968-32	GC2F5385.D	09/18/2013 15:48
PMP-28SE-WT	460-62968-21	GC2F5389.D	09/18/2013 16:47
PMP-24SE-SI	460-62968-30	GC2F5493.D	09/19/2013 19:02
PMP-2SE-VD	460-62968-31	GC2F5494.D	09/19/2013 19:17
PMP-2SE-SI	460-62968-33	GC2F5495.D	09/19/2013 19:32

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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
	460-62993-E-15-D MS	GC2F5454.D	09/19/2013 09:08
	460-62993-E-15-E MSD	GC2F5455.D	09/19/2013 09:22
PMP-27SE-WT	460-62968-2	GC2F5457.D	09/19/2013 09:52
PMP-27SE-SI	460-62968-3	GC2F5458.D	09/19/2013 10:07
PMP-26SE-SI	460-62968-10	GC2F5459.D	09/19/2013 10:21
PMP-17SE-SI	460-62968-16	GC2F5460.D	09/19/2013 10:36
PMP-16SE-SI	460-62968-19	GC2F5461.D	09/19/2013 10:51
PMP-28SE-SI	460-62968-22	GC2F5464.D	09/19/2013 11:35
PMP-28SE-SD	460-62968-23	GC2F5465.D	09/19/2013 11:50
PMP-23SE-VS	460-62968-37	GC2F5466.D	09/19/2013 12:04
PMP-23SE-VD	460-62968-38	GC2F5467.D	09/19/2013 12:19
PMP-23SE-WT	460-62968-39	GC2F5468.D	09/19/2013 12:34

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD Lab Sample ID: 460-62968-1

Matrix: Solid Lab File ID: GC2F5368.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 08:45

Extraction Method: 3546 Date Extracted: 09/16/2013 12:54

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 10:37

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	19		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	95		50-105
108-90-7	Chlorobenzene	76		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5368.D		
Lims ID:	460-62968-E-1-I	Client ID:	PMP-27SE-VD
Inject. Date:	18-Sep-2013 10:37:20	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004767-004		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	181947	Lims Sample ID:	4
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:33	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 10:51:14

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					M
	0.818	0.819	-0.001	452548	15.2	M
A	3 C8-C40					
	4.116	0.490	- 7.743	9659322	281.8	k
$	4 o-Terphenyl					
	4.156	4.159	-0.003	851224	19.0	

QC Flag Legend

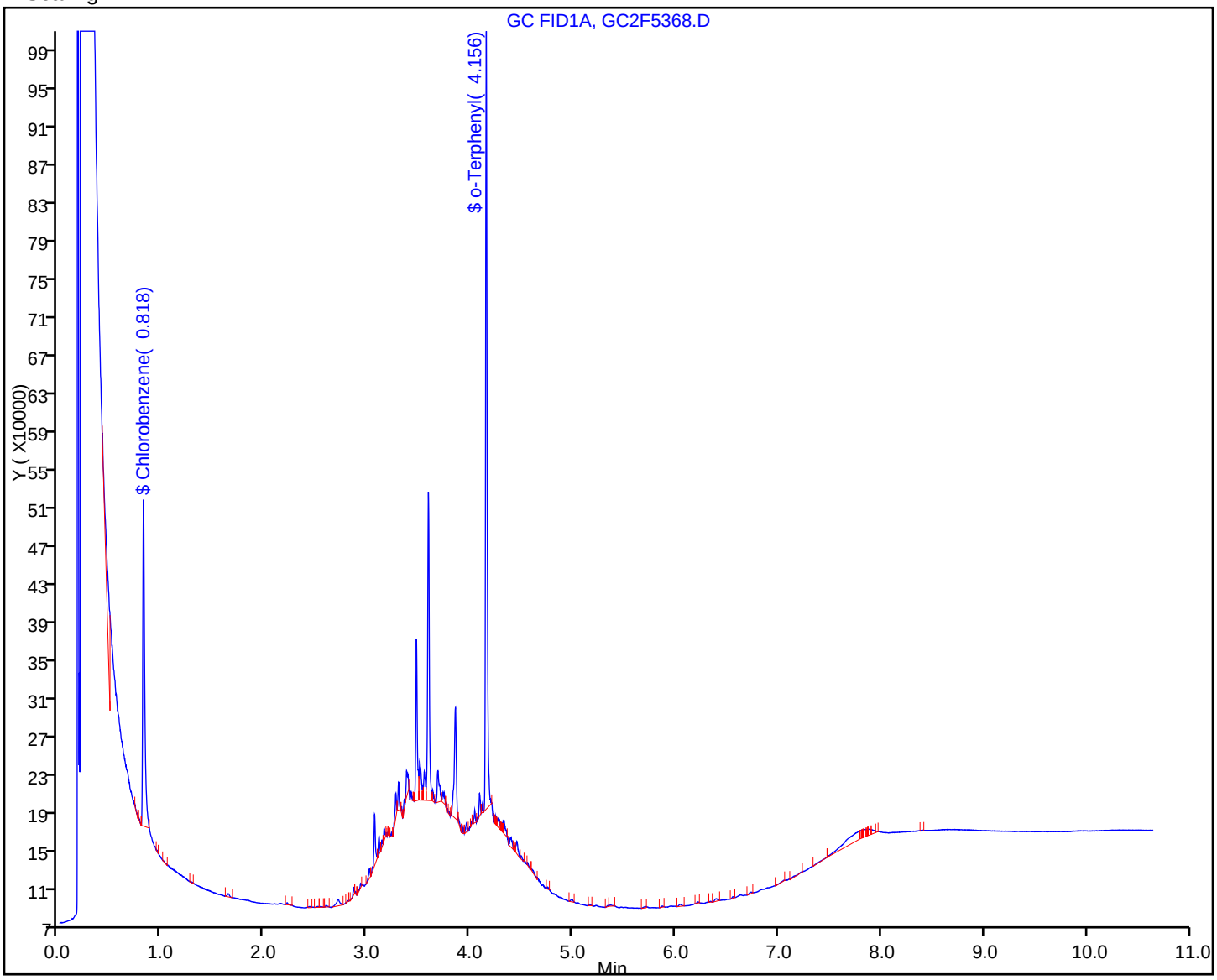
Processing Flags
k - Response Background Subtracted

Review Flags
M - Manually Integrated

Report Date: 19-Sep-2013 08:24:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5368.D		
Injection Date:	18-Sep-2013 10:37:20	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-27SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	4
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



Manual Integration/User Assign Peak Report

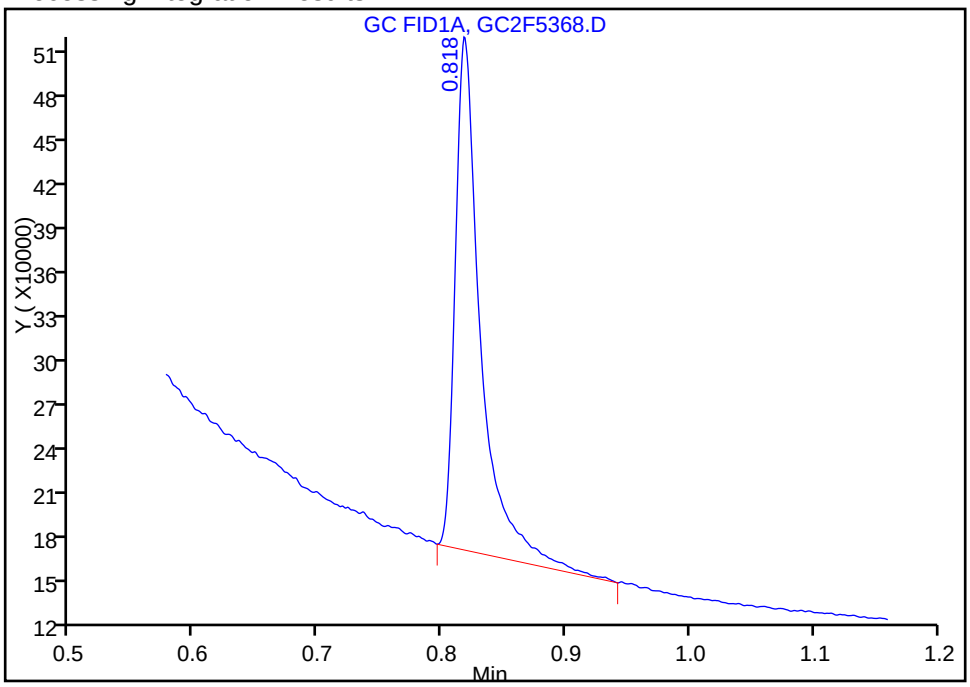
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5368.D		
Injection Date:	18-Sep-2013 10:37:20	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-27SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	4
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 5 Chlorobenzene, Signal: 1, Type: quant, RT: 0.82

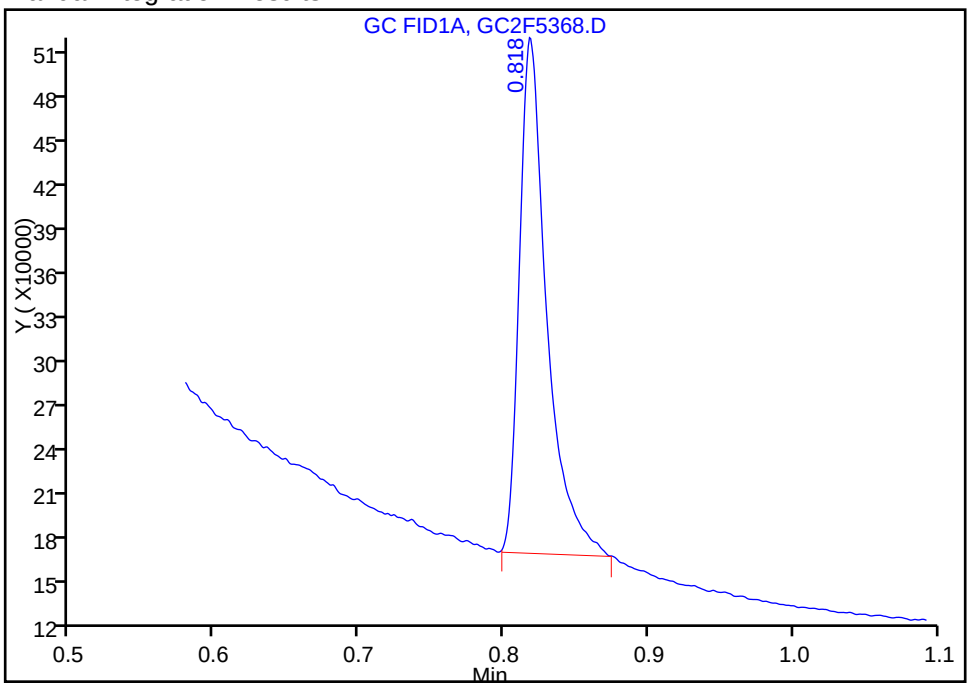
Processing Integration Results

RT: 0.82
Response: 494794
Amount: 16.565030



Manual Integration Results

RT: 0.82
Response: 452548
Amount: 15.150691



Reviewer: kimh, 18-Sep-2013 10:51:14
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-WT Lab Sample ID: 460-62968-2

Matrix: Solid Lab File ID: GC2F5457.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 08:50

Extraction Method: 3546 Date Extracted: 09/18/2013 12:53

Sample wt/vol: 15.03(g) Date Analyzed: 09/19/2013 09:52

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.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	8.4		6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	52		50-105
108-90-7	Chlorobenzene	31	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5457.D		
Lims ID:	460-62968-E-2-D	Client ID:	PMP-27SE-WT
Inject. Date:	19-Sep-2013 09:52:10	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-009		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	182075	Lims Sample ID:	9
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					
	0.828	0.825	0.003	184127	6.16	
A	3 C8-C40					
	4.115	0.491 -	7.739	3725589	108.7	k
$	4 o-Terphenyl					
	4.163	4.159	0.004	465371	10.4	

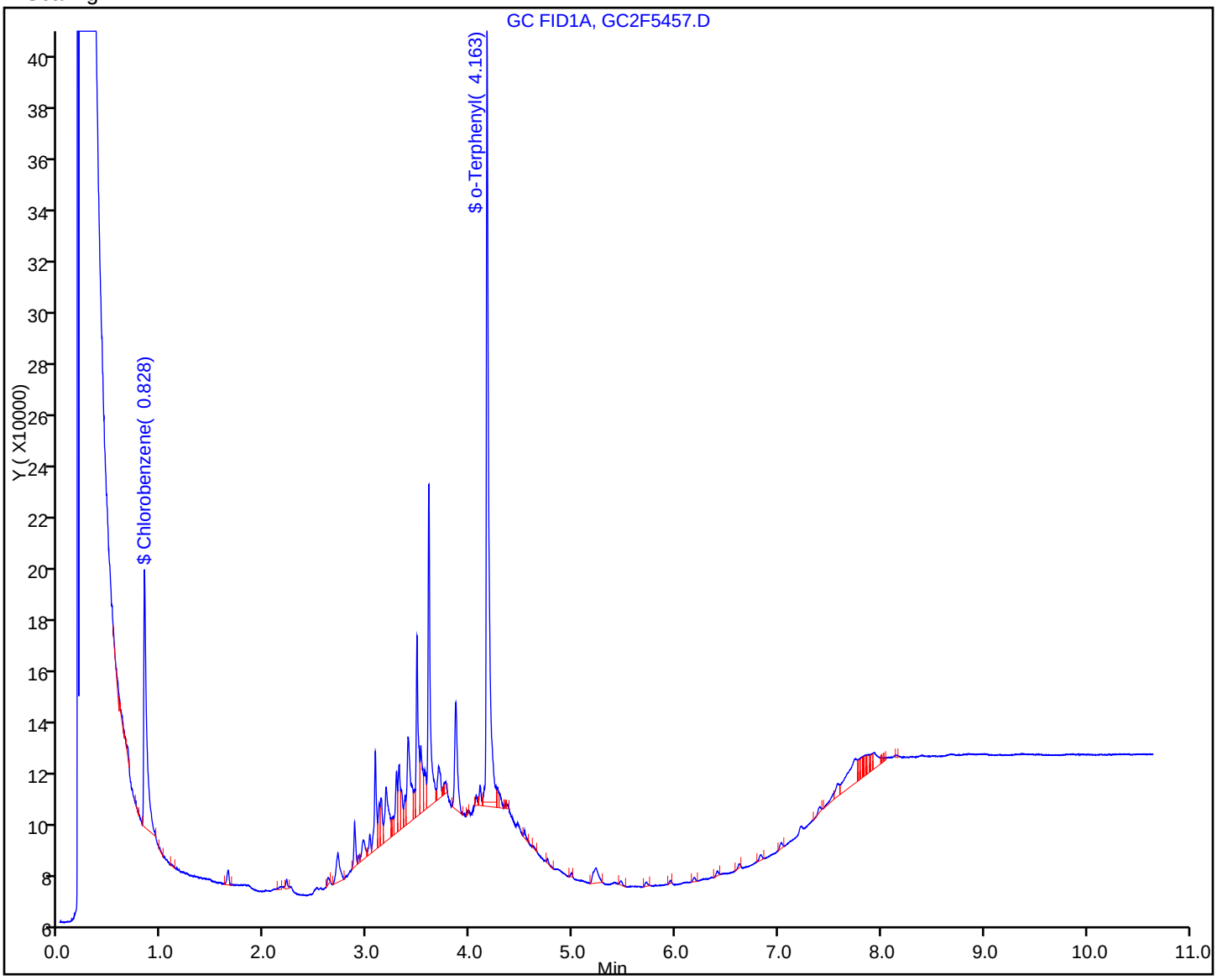
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 13:17:13 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5457.D		
Injection Date:	19-Sep-2013 09:52:10	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-27SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SI Lab Sample ID: 460-62968-3

Matrix: Solid Lab File ID: GC2F5458.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 08:55

Extraction Method: 3546 Date Extracted: 09/18/2013 12:53

Sample wt/vol: 15.02(g) Date Analyzed: 09/19/2013 10:07

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.7 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)	20		6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	50		50-105
108-90-7	Chlorobenzene	33	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5458.D		
Lims ID:	460-62968-E-3-D	Client ID:	PMP-27SE-SI
Inject. Date:	19-Sep-2013 10:07:07	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-010		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	12
Lims Batch ID:	182075	Lims Sample ID:	10
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 10:20:54

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.829	0.825	0.004	196947	6.59	
A	3 C8-C40					
	4.115	0.491 -	7.739	8769906	255.9	k
$	4 o-Terphenyl					
	4.159	4.159	0.0	450895	10.1	

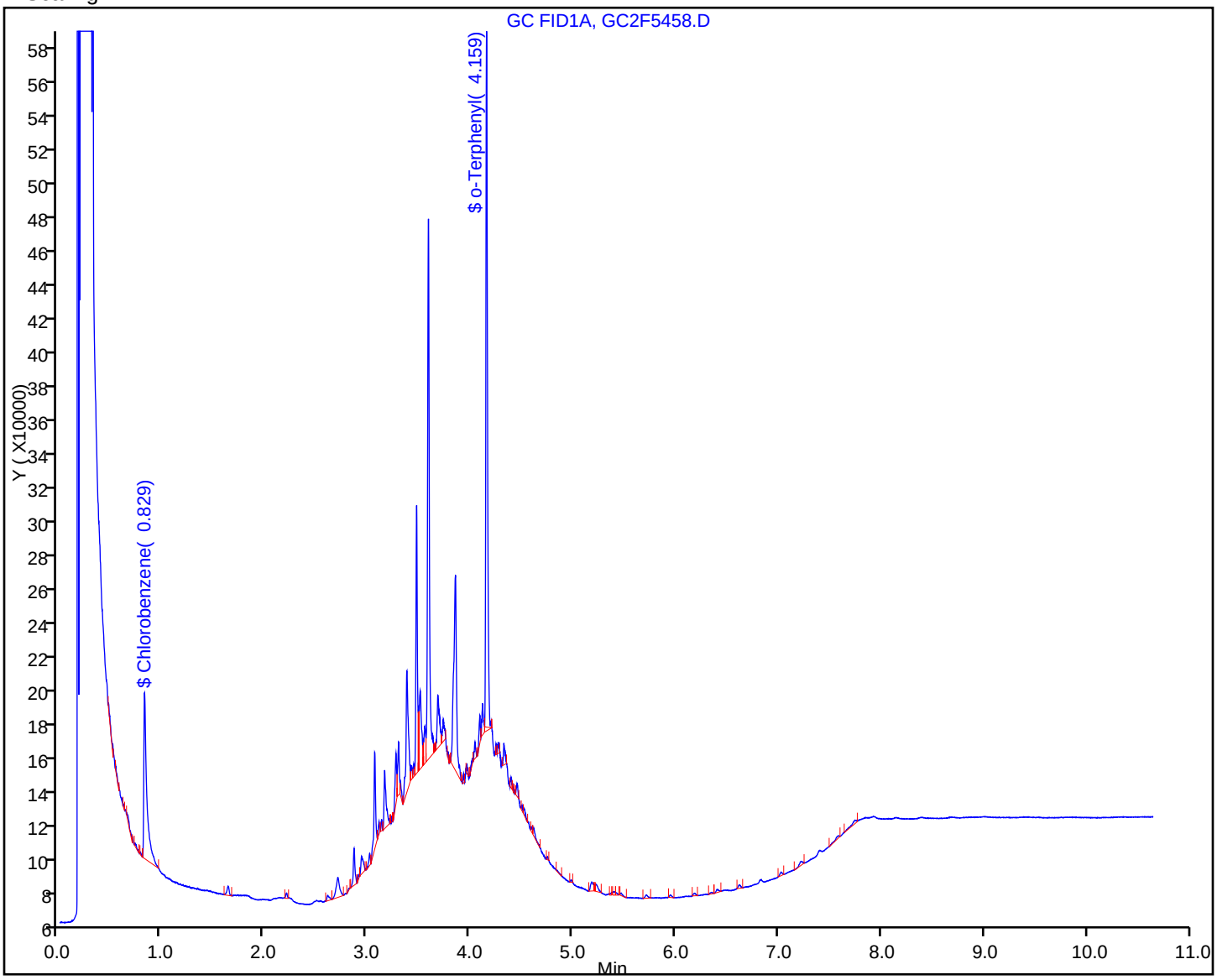
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 13:17:13 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5458.D		
Injection Date:	19-Sep-2013 10:07:07	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-27SE-SI	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	10
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-SD | Lab Sample ID: 460-62968-4

Matrix: Solid | Lab File ID: GC2F5369.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 09/12/2013 09:00

Extraction Method: 3546 | Date Extracted: 09/16/2013 12:54

Sample wt/vol: 15.01(g) | Date Analyzed: 09/18/2013 10:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.4 | 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)	3500		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\GC2F5369.D		
Lims ID:	460-62968-E-4-C	Client ID:	PMP-27SE-SD
Inject. Date:	18-Sep-2013 10:52:07	Dil. Factor:	20.0000
Sample Type:	Client		
Sample ID:	460-0004767-005		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	181947	Lims Sample ID:	5
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:33	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 11:07:34

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	86393142	2520.5	k

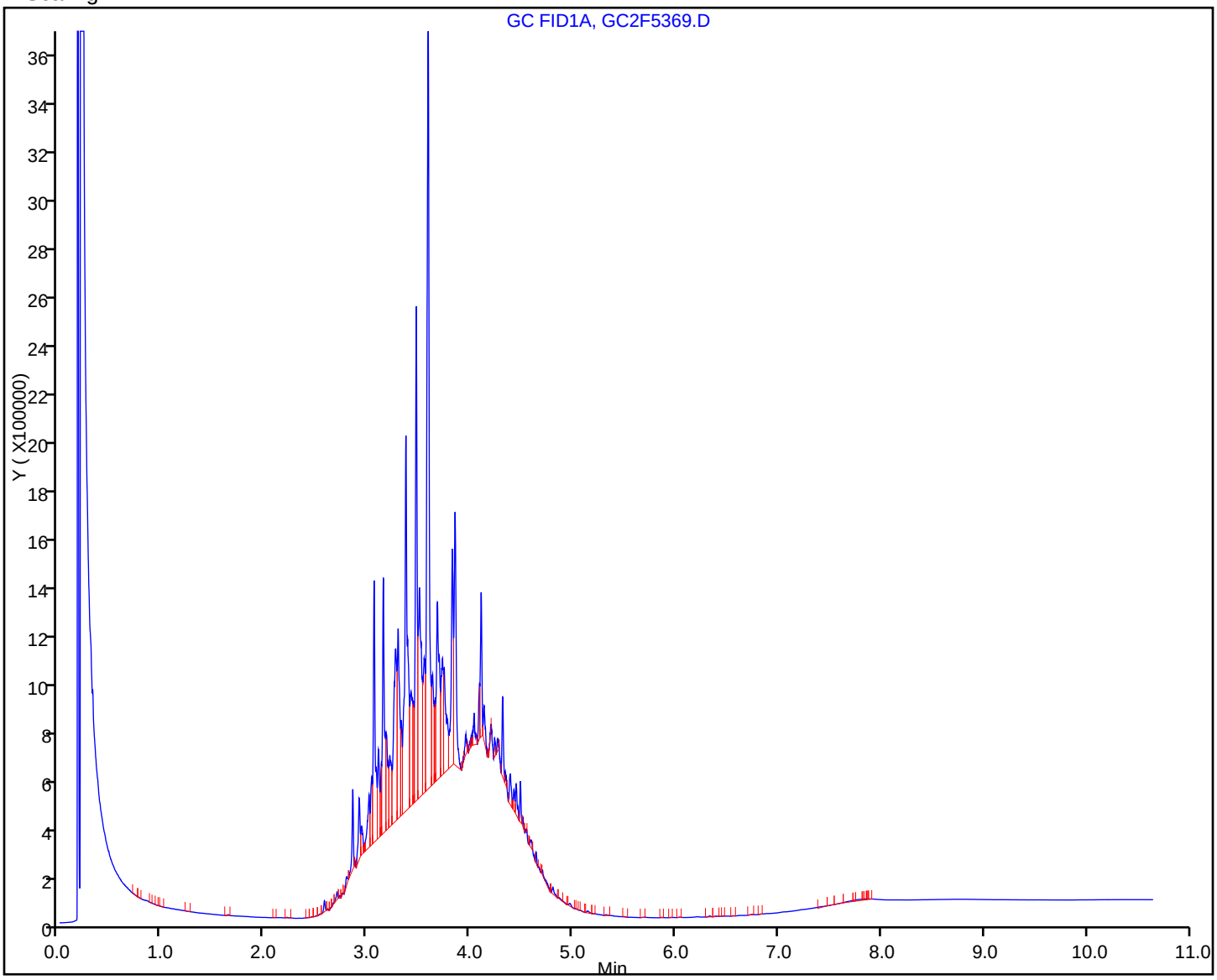
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:24:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5369.D		
Injection Date:	18-Sep-2013 10:52:07	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-27SE-SD	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-VD Lab Sample ID: 460-62968-5

Matrix: Solid Lab File ID: GC2F5284.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 09:20

Extraction Method: 3546 Date Extracted: 09/16/2013 12:54

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 13:07

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.2 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)	8.5		5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	74		50-105
108-90-7	Chlorobenzene	51		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5284.D		
Lims ID:	460-62968-E-5-C	Client ID:	PMP-19SE-VD
Inject. Date:	17-Sep-2013 13:07:42	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004706-021		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	181694	Lims Sample ID:	21
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:21:46	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 14:44:36

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.825	0.824	0.001	303753	10.2	
A	3 C8-C40					
	4.119	0.491 -	7.746	4118953	120.2	k
$	4 o-Terphenyl					
	4.167	4.163	0.004	660546	14.7	

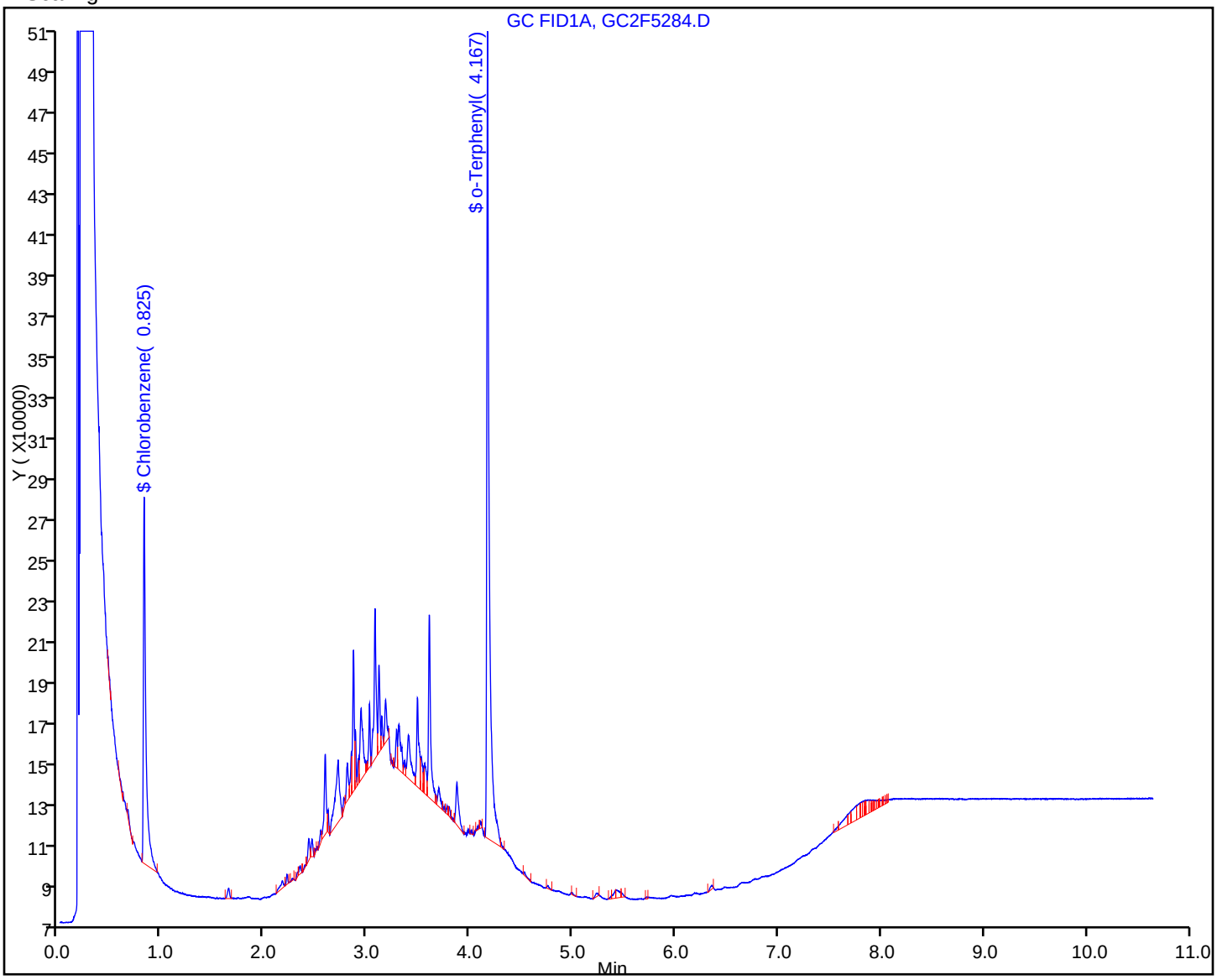
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:21:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5284.D		
Injection Date:	17-Sep-2013 13:07:42	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-19SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	21
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-WT Lab Sample ID: 460-62968-6

Matrix: Solid Lab File ID: GC2F5370.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 09:25

Extraction Method: 3546 Date Extracted: 09/16/2013 12:54

Sample wt/vol: 15.05(g) Date Analyzed: 09/18/2013 11:06

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181947 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1700		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\GC2F5370.D		
Lims ID:	460-62968-E-6-C	Client ID:	PMP-19SE-WT
Inject. Date:	18-Sep-2013 11:06:46	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004767-006		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	181947	Lims Sample ID:	6
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:33	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 11:20:19

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	74469447	2172.6	k

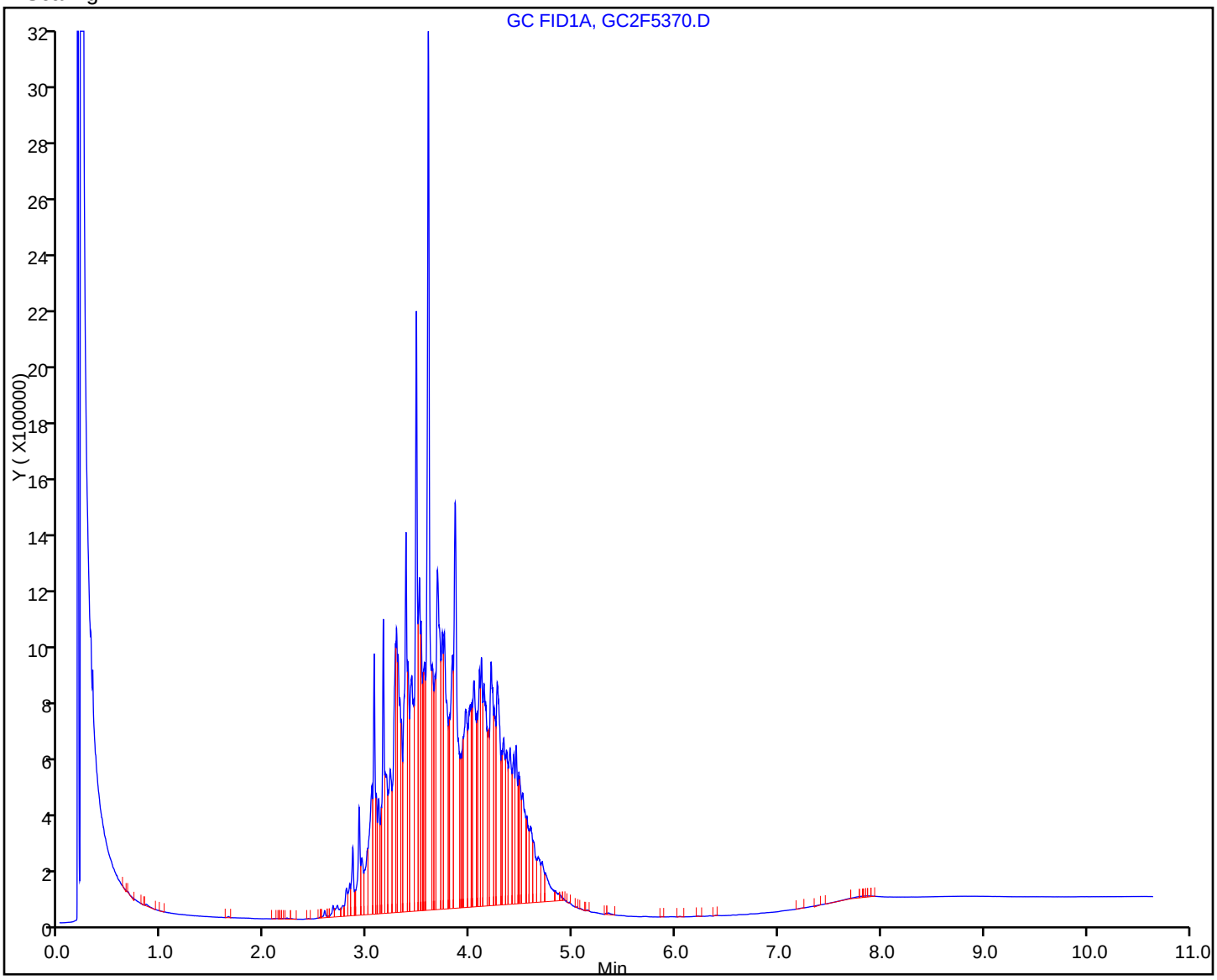
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:24:37 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5370.D		
Injection Date:	18-Sep-2013 11:06:46	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-19SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-19SE-SI Lab Sample ID: 460-62968-7

Matrix: Solid Lab File ID: GC2F5286.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 09:30

Extraction Method: 3546 Date Extracted: 09/16/2013 12:54

Sample wt/vol: 15.01(g) Date Analyzed: 09/17/2013 13:37

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.4 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)	6.3	U	6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	53		50-105
108-90-7	Chlorobenzene	37	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5286.D		
Lims ID:	460-62968-E-7-C	Client ID:	PMP-19SE-SI
Inject. Date:	17-Sep-2013 13:37:13	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004706-023		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	21
Lims Batch ID:	181694	Lims Sample ID:	23
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:21:46	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 14:40:51

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.825	0.824	0.001	223466	7.48	
A	3 C8-C40					
	4.119	0.491 -	7.746	525107	15.3	k
$	4 o-Terphenyl					
	4.171	4.163	0.008	475686	10.6	

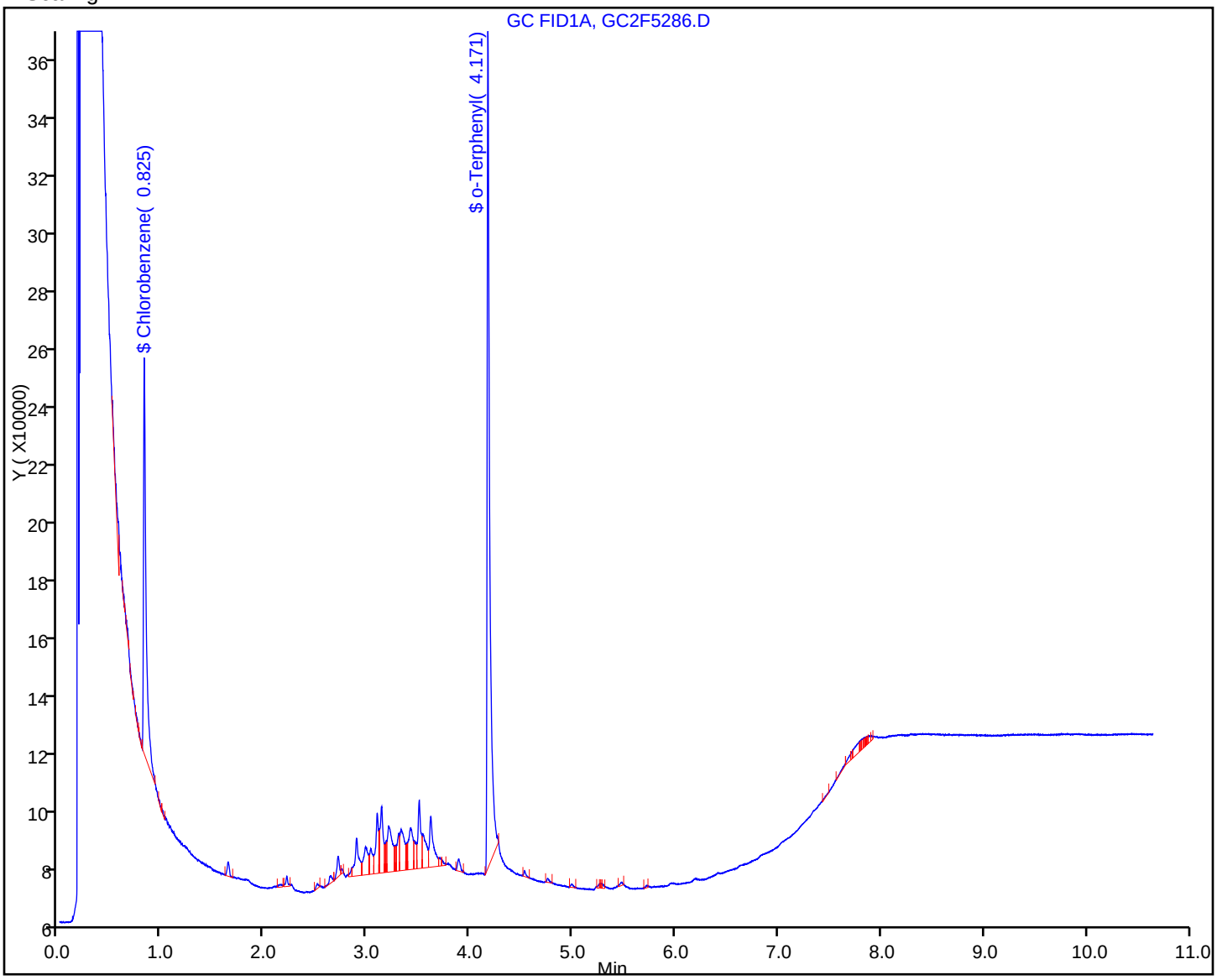
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:21:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5286.D		
Injection Date:	17-Sep-2013 13:37:13	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-19SE-SI	Instrument ID:	CBNAGC2
Lims Batch ID:	181694	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-VD Lab Sample ID: 460-62968-8

Matrix: Solid Lab File ID: GC2F5287.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 10:00

Extraction Method: 3546 Date Extracted: 09/16/2013 12:54

Sample wt/vol: 15.02(g) Date Analyzed: 09/17/2013 13:51

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 7.0 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)	9.3		5.9	5.9

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\20130917-4706.b\GC2F5287.D		
Lims ID:	460-62968-E-8-C	Client ID:	PMP-26SE-VD
Inject. Date:	17-Sep-2013 13:51:49	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004706-024		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	22
Lims Batch ID:	181694	Lims Sample ID:	24
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:21:46	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 14:14:15

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.827	0.824	0.003	258650	8.66	
A	3 C8-C40					
	4.119	0.491 -	7.746	4464790	130.3	k
$	4 o-Terphenyl					
	4.174	4.163	0.011	559651	12.5	

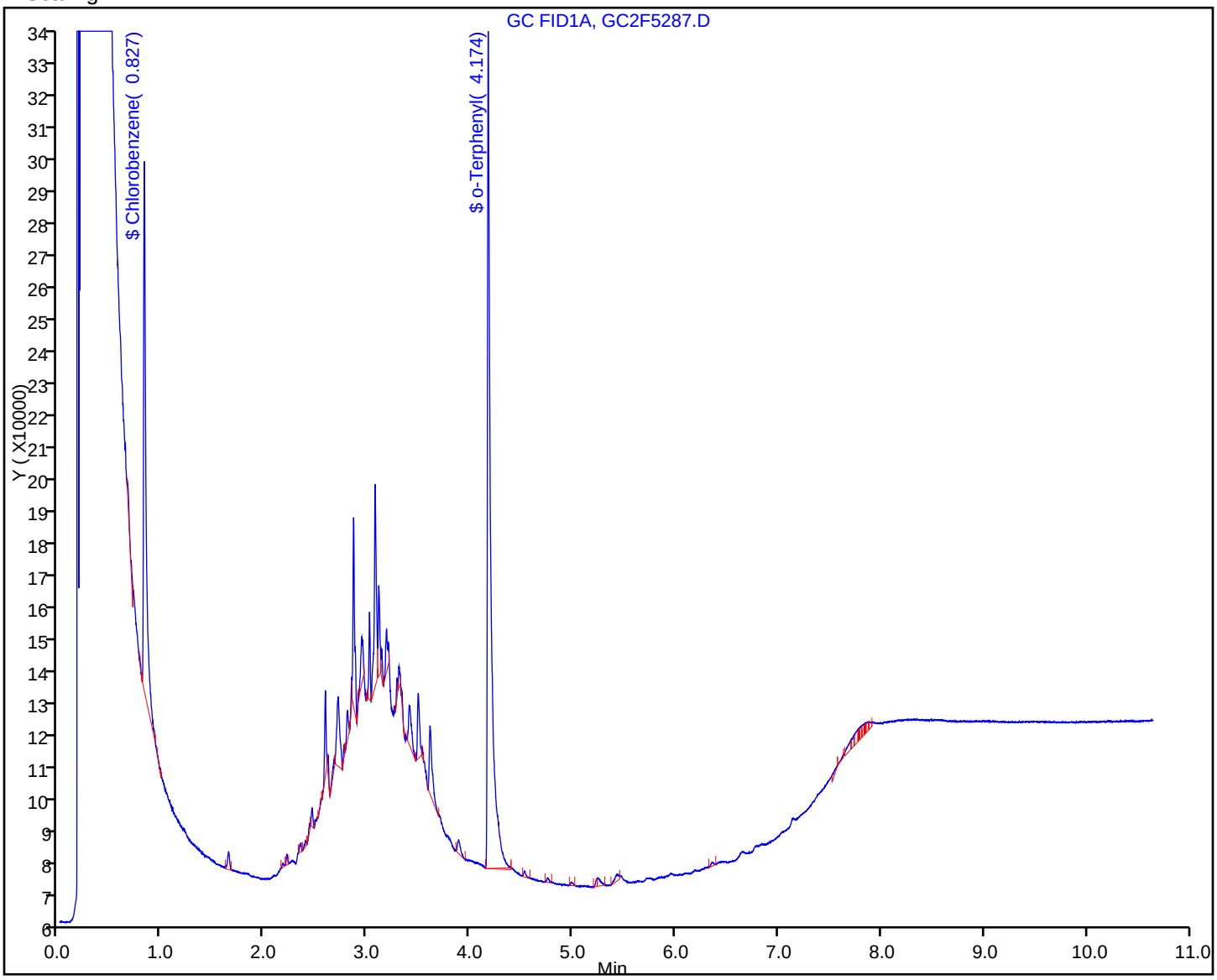
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:21:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5287.D		
Injection Date:	17-Sep-2013 13:51:49	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-26SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	24
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-WT Lab Sample ID: 460-62968-9

Matrix: Solid Lab File ID: GC2F5371.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 10:05

Extraction Method: 3546 Date Extracted: 09/16/2013 12:54

Sample wt/vol: 15.02(g) Date Analyzed: 09/18/2013 11:21

Con. Extract Vol.: 1(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.7 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)	2800		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\GC2F5371.D		
Lims ID:	460-62968-E-9-C	Client ID:	PMP-26SE-WT
Inject. Date:	18-Sep-2013 11:21:22	Dil. Factor:	20.0000
Sample Type:	Client		
Sample ID:	460-0004767-007		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	181947	Lims Sample ID:	7
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:33	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 11:40:54

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	63334225	1847.8	k

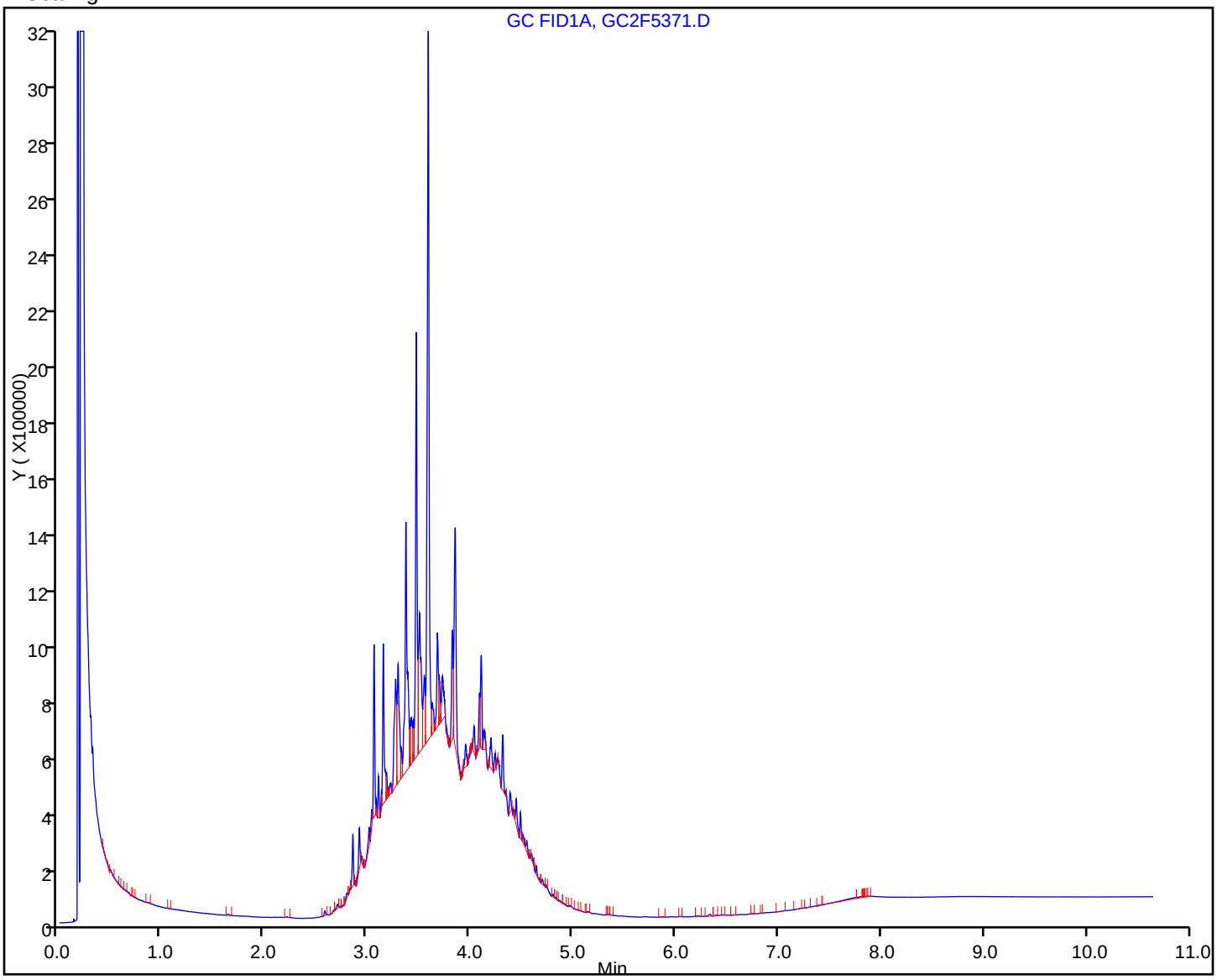
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:24:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5371.D		
Injection Date:	18-Sep-2013 11:21:22	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-26SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	7
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-26SE-SI Lab Sample ID: 460-62968-10

Matrix: Solid Lab File ID: GC2F5459.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 10:10

Extraction Method: 3546 Date Extracted: 09/18/2013 12:53

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 10:21

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 16.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 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	73		50-105
108-90-7	Chlorobenzene	55		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5459.D		
Lims ID:	460-62968-E-10-D	Client ID:	PMP-26SE-SI
Inject. Date:	19-Sep-2013 10:21:45	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-011		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	13
Lims Batch ID:	182075	Lims Sample ID:	11
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 10:43:22

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.825	0.825	0.0	330878	11.1	
A	3 C8-C40					
	4.115	0.491 -	7.739	1764891	51.5	k
$	4 o-Terphenyl					
	4.171	4.159	0.012	653616	14.6	

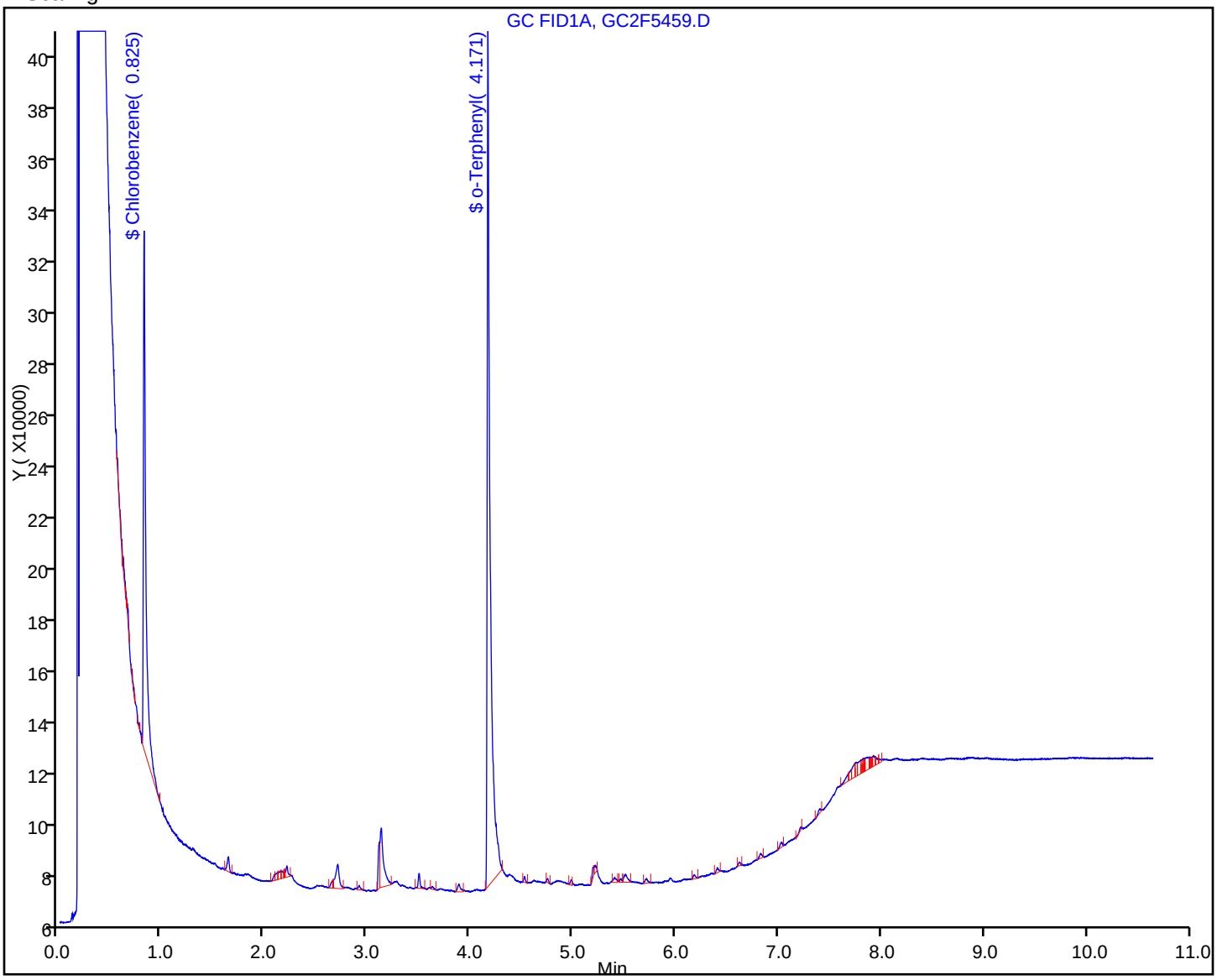
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 13:17:14 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5459.D		
Injection Date:	19-Sep-2013 10:21:45	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-26SE-SI	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	11
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-VD | Lab Sample ID: 460-62968-11

Matrix: Solid | Lab File ID: GC2F5290.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 09/12/2013 10:25

Extraction Method: 3546 | Date Extracted: 09/16/2013 12:54

Sample wt/vol: 15.05(g) | Date Analyzed: 09/17/2013 14:36

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.: 181694 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	77		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	79		50-105
108-90-7	Chlorobenzene	48		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5290.D		
Lims ID:	460-62968-E-11-C	Client ID:	PMP-18SE-VD
Inject. Date:	17-Sep-2013 14:36:09	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004706-027		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	25
Lims Batch ID:	181694	Lims Sample ID:	27
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:21:46	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 14:59:38

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.824	0.824	0.0	284813	9.54	
A	3 C8-C40					
	4.119	0.491 -	7.746	37415548	1091.6	k
$	4 o-Terphenyl					
	4.156	4.163	-0.007	708373	15.8	

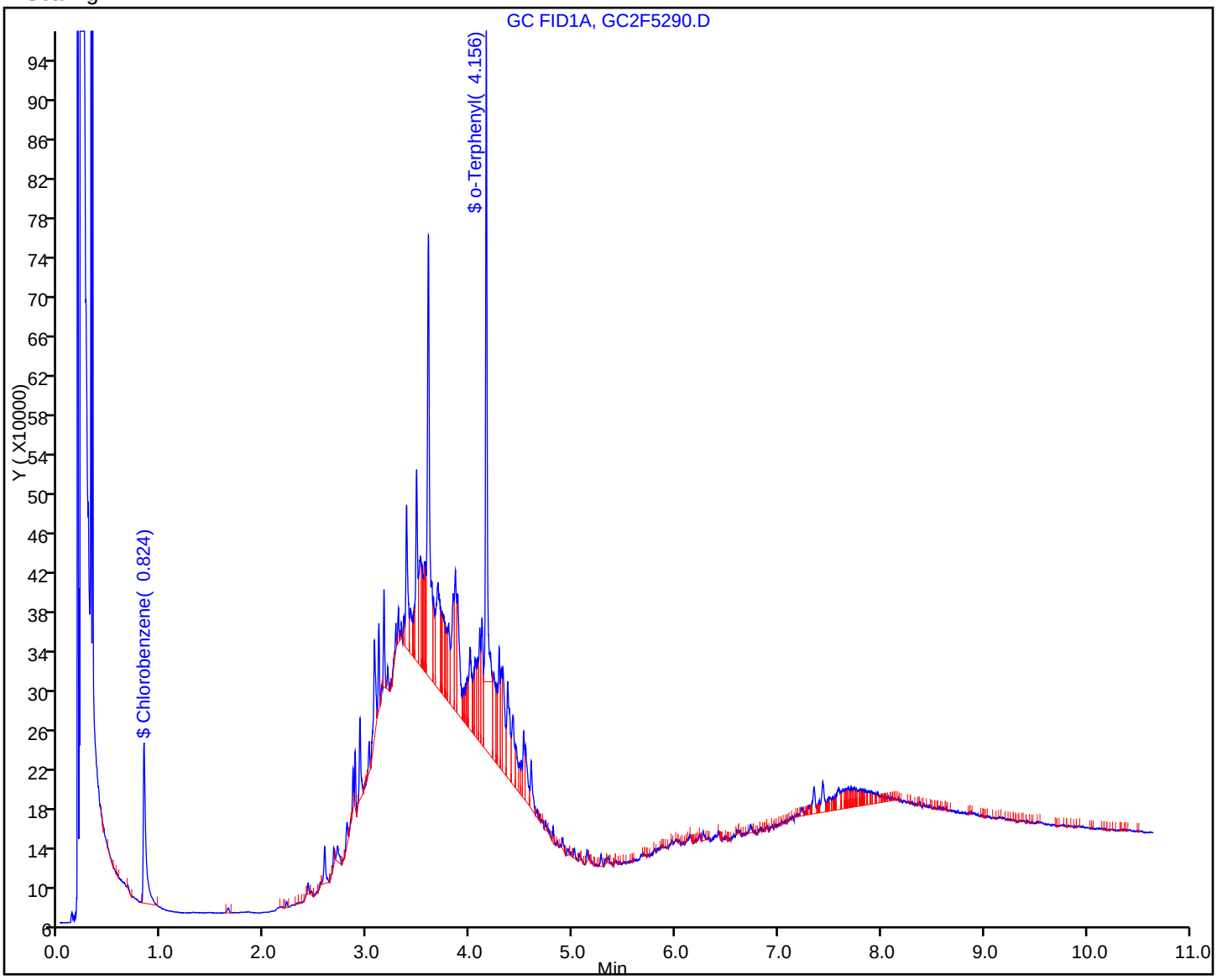
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:21:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5290.D		
Injection Date:	17-Sep-2013 14:36:09	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-18SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	27
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-WT | Lab Sample ID: 460-62968-12

Matrix: Solid | Lab File ID: GC2F5372.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 09/12/2013 10:30

Extraction Method: 3546 | Date Extracted: 09/16/2013 12:54

Sample wt/vol: 15.00(g) | Date Analyzed: 09/18/2013 11:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.6 | 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)	1400		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\GC2F5372.D		
Lims ID:	460-62968-E-12-C	Client ID:	PMP-18SE-WT
Inject. Date:	18-Sep-2013 11:35:59	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004767-008		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	181947	Lims Sample ID:	8
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:33	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 11:55:16

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	61215998	1786.0	k

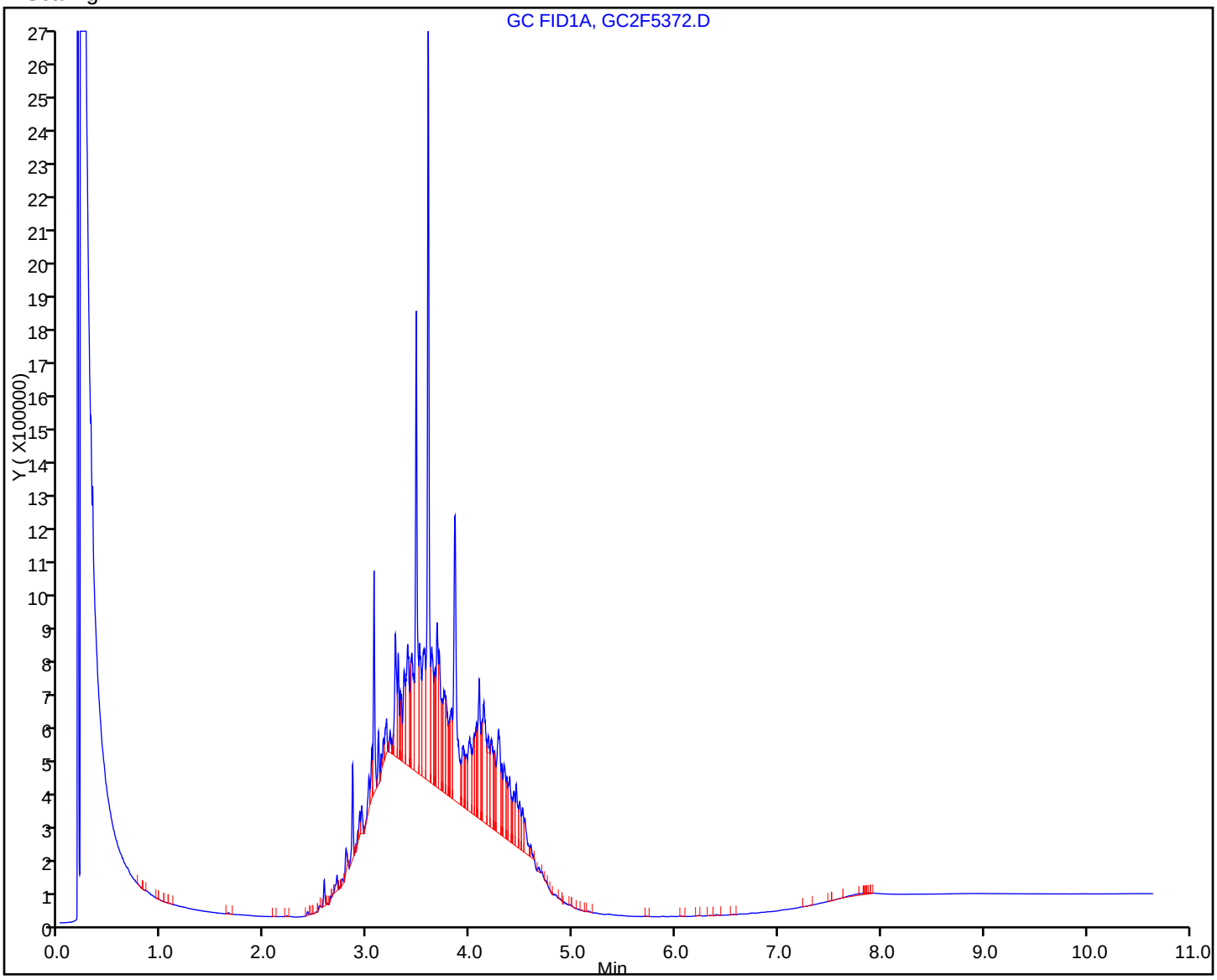
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:24:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5372.D		
Injection Date:	18-Sep-2013 11:35:59	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-18SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-18SE-SI Lab Sample ID: 460-62968-13

Matrix: Solid Lab File ID: GC2F5292.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 10:35

Extraction Method: 3546 Date Extracted: 09/16/2013 12:54

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 15:05

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.: 181694 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	88		6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	74		50-105
108-90-7	Chlorobenzene	44		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5292.D		
Lims ID:	460-62968-E-13-C	Client ID:	PMP-18SE-SI
Inject. Date:	17-Sep-2013 15:05:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004706-029		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	27
Lims Batch ID:	181694	Lims Sample ID:	29
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:21:46	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 07:49:18

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.823	0.824	-0.001	259943	8.70	
A	3 C8-C40					
	4.119	0.491	- 7.746	38710728	1129.4	k
$	4 o-Terphenyl					
	4.154	4.163	-0.009	660920	14.7	

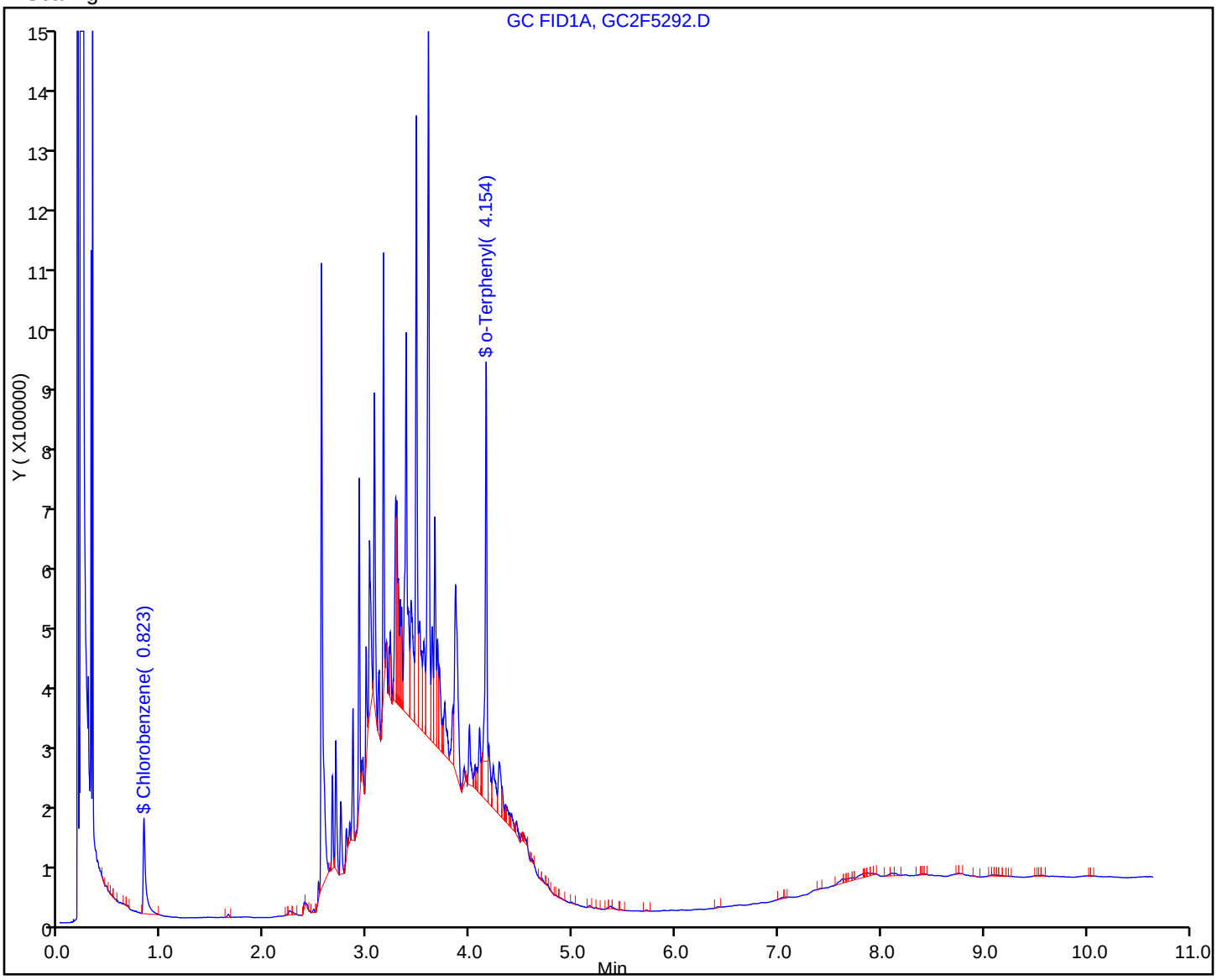
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:21:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5292.D		
Injection Date:	17-Sep-2013 15:05:30	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-18SE-SI	Instrument ID:	CBNAGC2
Lims Batch ID:	181694	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-VD Lab Sample ID: 460-62968-14

Matrix: Solid Lab File ID: GC2F5295.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 10:55

Extraction Method: 3546 Date Extracted: 09/16/2013 12:54

Sample wt/vol: 15.01(g) Date Analyzed: 09/17/2013 15:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.9 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)	64		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	70		50-105
108-90-7	Chlorobenzene	49		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5295.D		
Lims ID:	460-62968-E-14-C	Client ID:	PMP-17SE-VD
Inject. Date:	17-Sep-2013 15:49:20	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004706-032		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	28
Lims Batch ID:	181694	Lims Sample ID:	32
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					
	0.825	0.824	0.001	291943	9.77	
A	3 C8-C40					
	4.119	0.491 -	7.746	31540365	920.2	k
$	4 o-Terphenyl					
	4.158	4.163	-0.005	626354	14.0	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

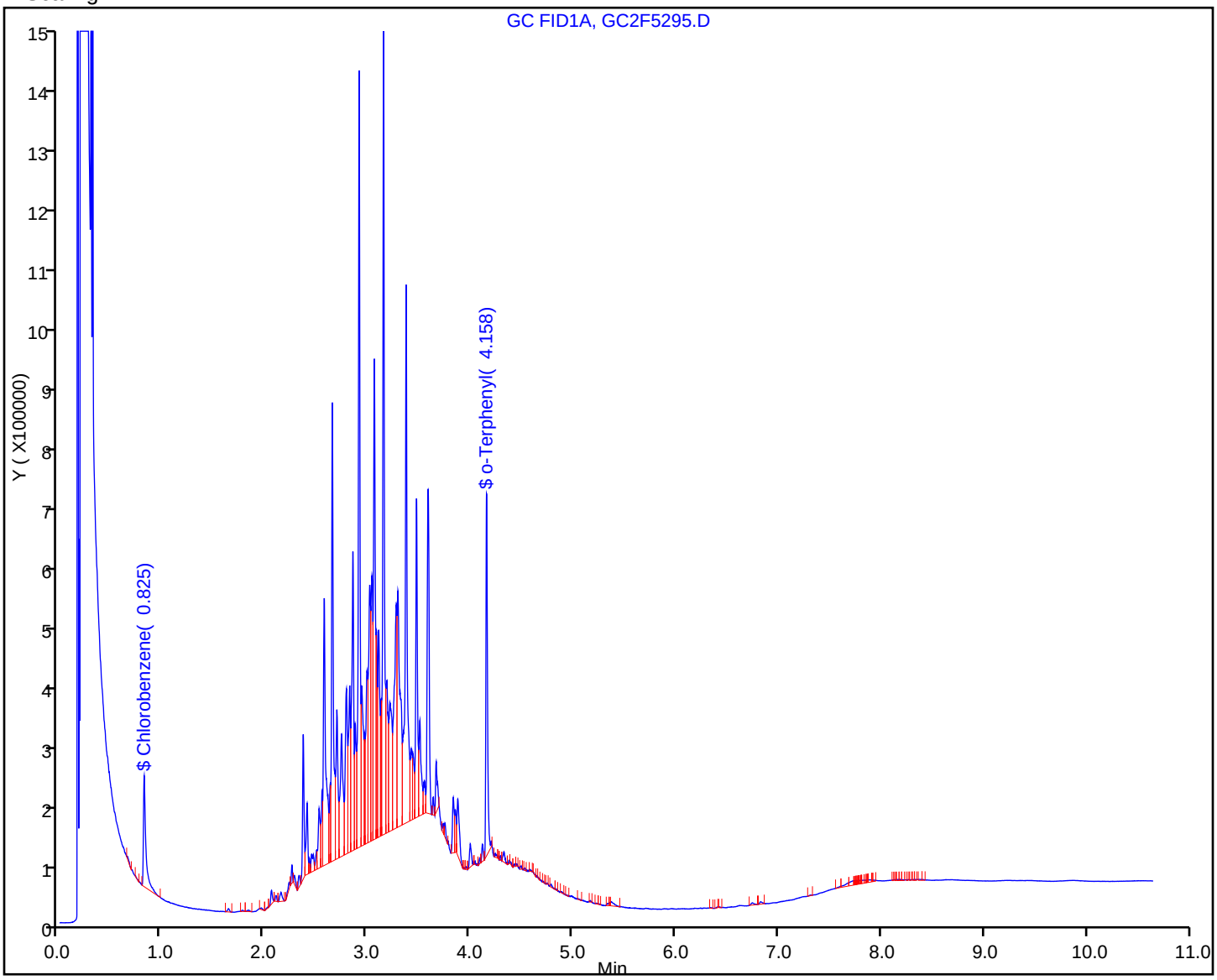
Report Date: 19-Sep-2013 08:21:57 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5295.D

Injection Date:	17-Sep-2013 15:49:20	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-17SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181694	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-WT Lab Sample ID: 460-62968-15

Matrix: Solid Lab File ID: GC2F5373.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 11:00

Extraction Method: 3546 Date Extracted: 09/16/2013 12:54

Sample wt/vol: 15.05(g) Date Analyzed: 09/18/2013 11:50

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.9 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)	1300		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\GC2F5373.D		
Lims ID:	460-62968-E-15-C	Client ID:	PMP-17SE-WT
Inject. Date:	18-Sep-2013 11:50:59	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004767-009		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	181947	Lims Sample ID:	9
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:33	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 12:13:37

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	57432640	1675.6	k

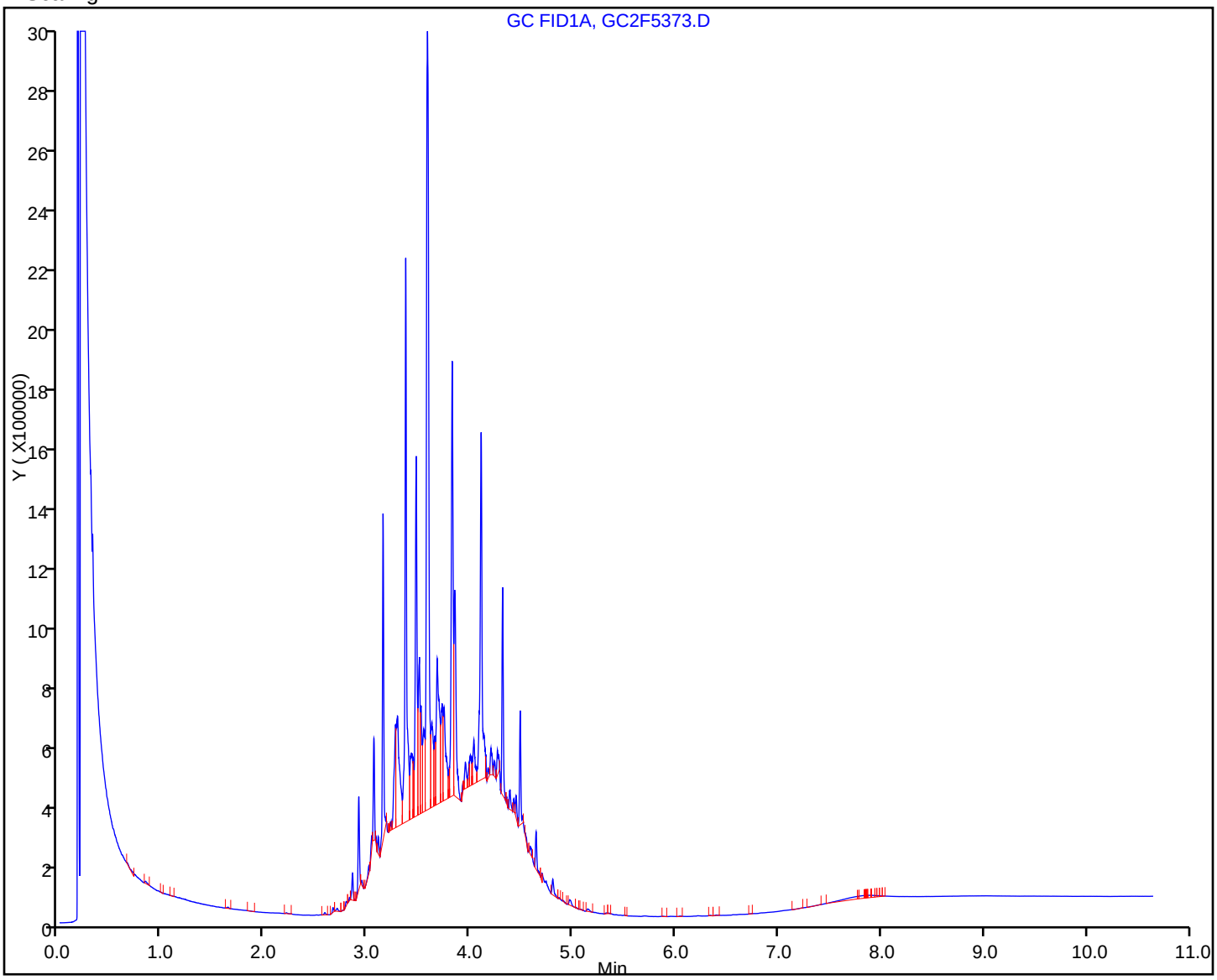
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:24:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5373.D		
Injection Date:	18-Sep-2013 11:50:59	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-17SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-17SE-SI Lab Sample ID: 460-62968-16

Matrix: Solid Lab File ID: GC2F5460.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 11:05

Extraction Method: 3546 Date Extracted: 09/18/2013 12:53

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 10:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 15.2 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)	7.8		6.5	6.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	76		50-105
108-90-7	Chlorobenzene	52		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5460.D		
Lims ID:	460-62968-E-16-D	Client ID:	PMP-17SE-SI
Inject. Date:	19-Sep-2013 10:36:23	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-012		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	182075	Lims Sample ID:	12
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 10:53:28

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.824	0.825	-0.001	312441	10.5	
A	3 C8-C40					
	4.115	0.491	- 7.739	3409567	99.5	k
$	4 o-Terphenyl					
	4.156	4.159	-0.003	686361	15.3	

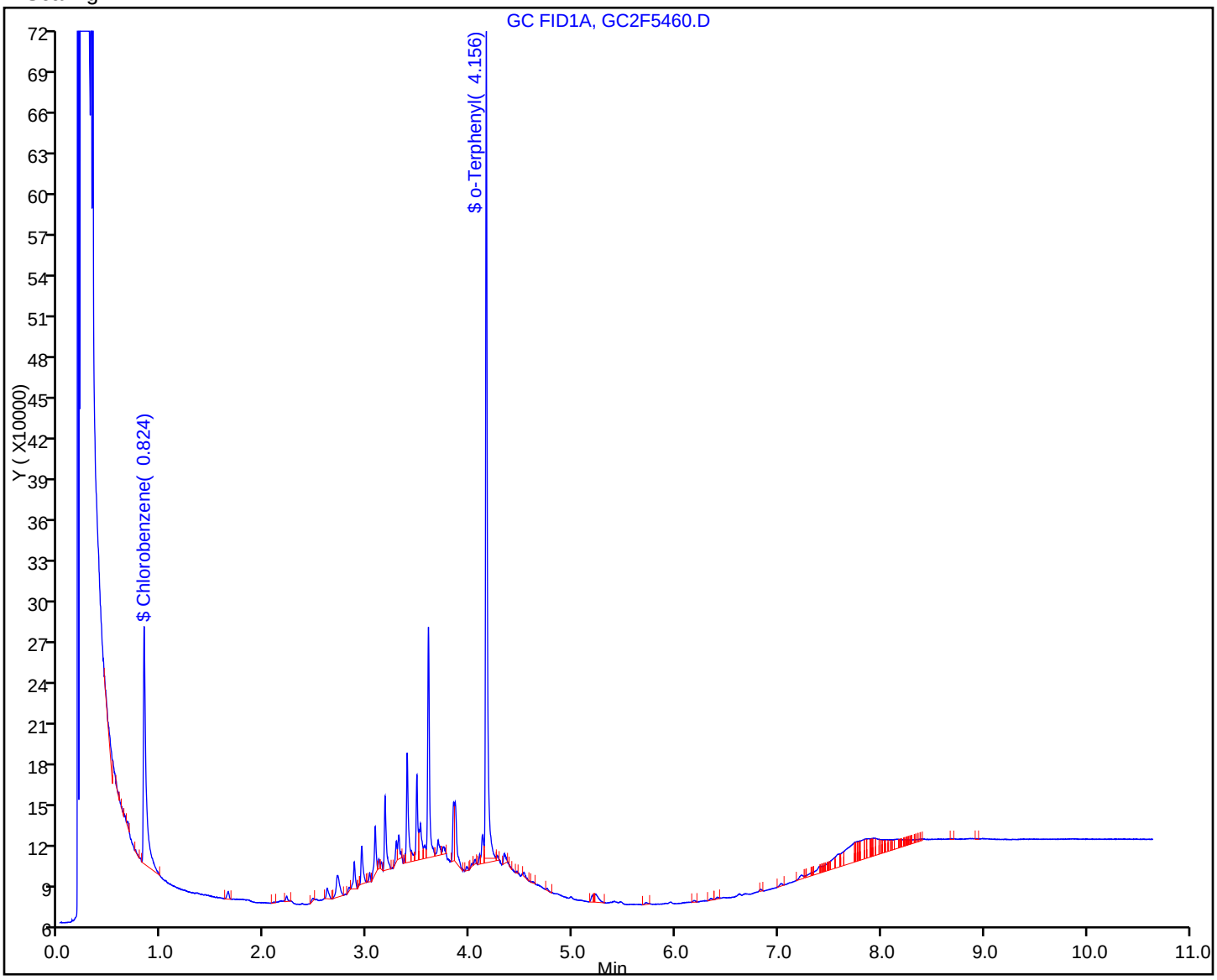
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 13:17:14 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5460.D		
Injection Date:	19-Sep-2013 10:36:23	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-17SE-SI	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	12
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-VD Lab Sample ID: 460-62968-17

Matrix: Solid Lab File ID: GC2F5298.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 11:30

Extraction Method: 3546 Date Extracted: 09/16/2013 12:54

Sample wt/vol: 15.02(g) Date Analyzed: 09/17/2013 16:33

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.: 181694 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	49		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	69		50-105
108-90-7	Chlorobenzene	42		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5298.D		
Lims ID:	460-62968-E-17-C	Client ID:	PMP-16SE-VD
Inject. Date:	17-Sep-2013 16:33:02	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004706-035		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	31
Lims Batch ID:	181694	Lims Sample ID:	35
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		

First Level Reviewer: kimh Date: 18-Sep-2013 07:49:53

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.827	0.824	0.003	253334	8.48	
A	3 C8-C40					
	4.119	0.491 -	7.746	23713864	691.8	k
$	4 o-Terphenyl					
	4.164	4.163	0.001	618270	13.8	

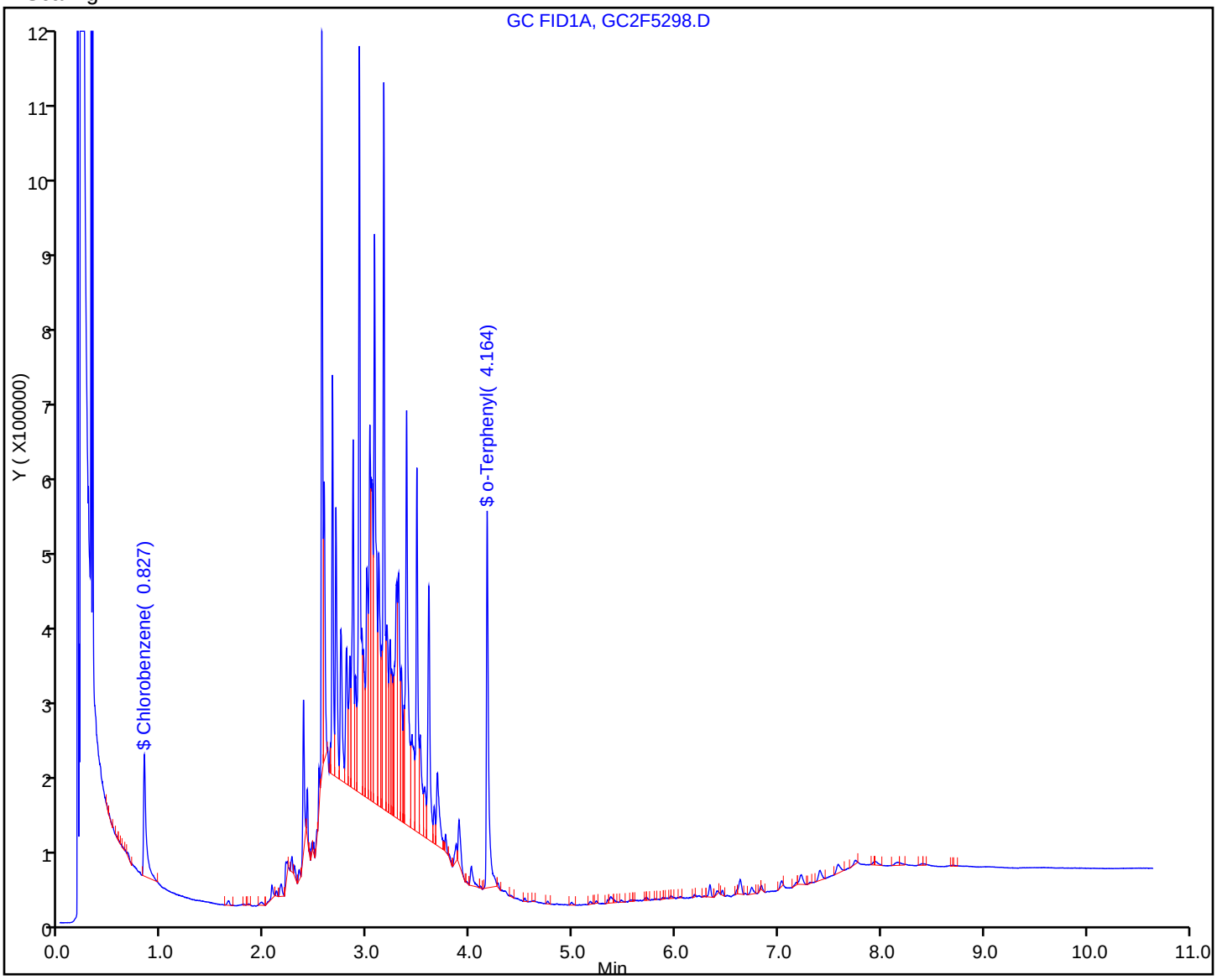
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:22:00 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5298.D		
Injection Date:	17-Sep-2013 16:33:02	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-16SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181694	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-WT | Lab Sample ID: 460-62968-18

Matrix: Solid | Lab File ID: GC2F5374.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 09/12/2013 11:35

Extraction Method: 3546 | Date Extracted: 09/16/2013 12:54

Sample wt/vol: 15.01(g) | Date Analyzed: 09/18/2013 12:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.9 | 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)	680		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\GC2F5374.D		
Lims ID:	460-62968-E-18-C	Client ID:	PMP-16SE-WT
Inject. Date:	18-Sep-2013 12:05:49	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004767-010		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	12
Lims Batch ID:	181947	Lims Sample ID:	10
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:33	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 12:18:56

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	30020281	875.8	k

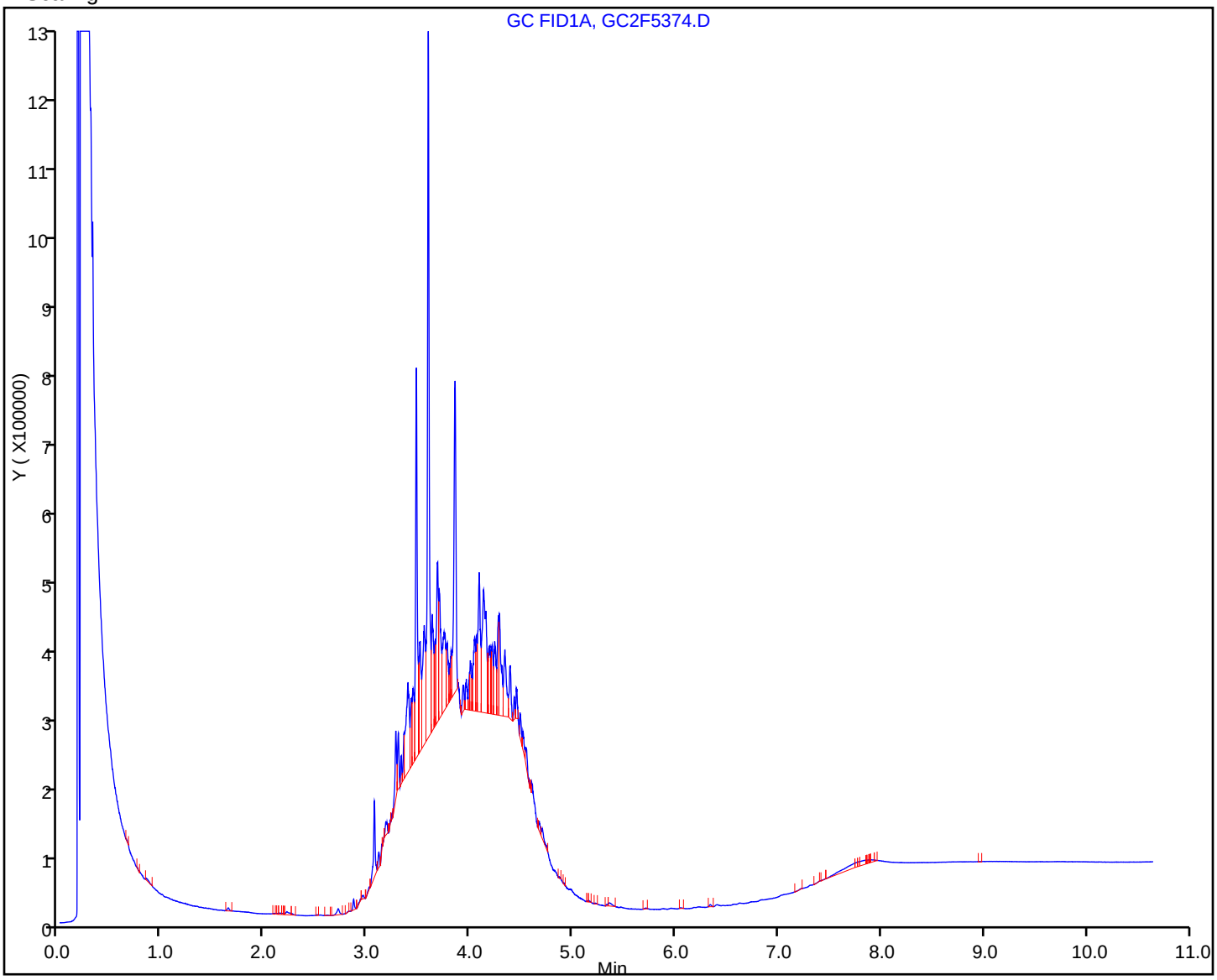
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:24:42 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5374.D		
Injection Date:	18-Sep-2013 12:05:49	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-16SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	10
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-16SE-SI Lab Sample ID: 460-62968-19

Matrix: Solid Lab File ID: GC2F5461.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 11:40

Extraction Method: 3546 Date Extracted: 09/18/2013 12:53

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 10:51

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.2 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)	62		6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	71		50-105
108-90-7	Chlorobenzene	41		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5461.D		
Lims ID:	460-62968-E-19-D	Client ID:	PMP-16SE-SI
Inject. Date:	19-Sep-2013 10:51:05	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-013		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	182075	Lims Sample ID:	13
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 11:04:02

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					M
	0.827	0.825	0.002	244199	8.18	M
A	3 C8-C40					
	4.115	0.491	- 7.739	27161017	792.4	k
$	4 o-Terphenyl					
	4.151	4.159	-0.008	640177	14.3	

QC Flag Legend

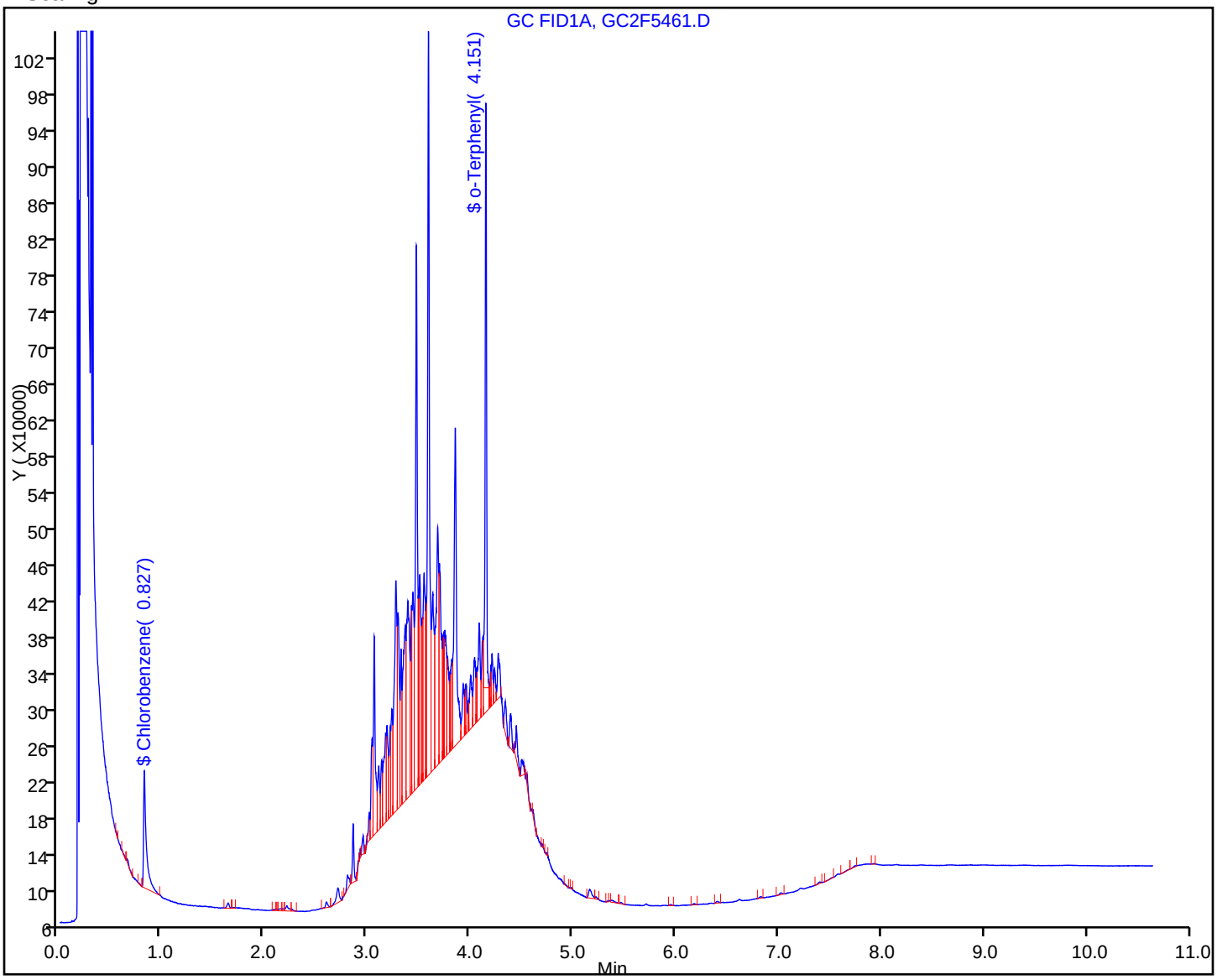
Processing Flags
k - Response Background Subtracted

Review Flags
M - Manually Integrated

Report Date: 19-Sep-2013 13:17:15 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5461.D		
Injection Date:	19-Sep-2013 10:51:05	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-16SE-SI	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	13
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



Manual Integration/User Assign Peak Report

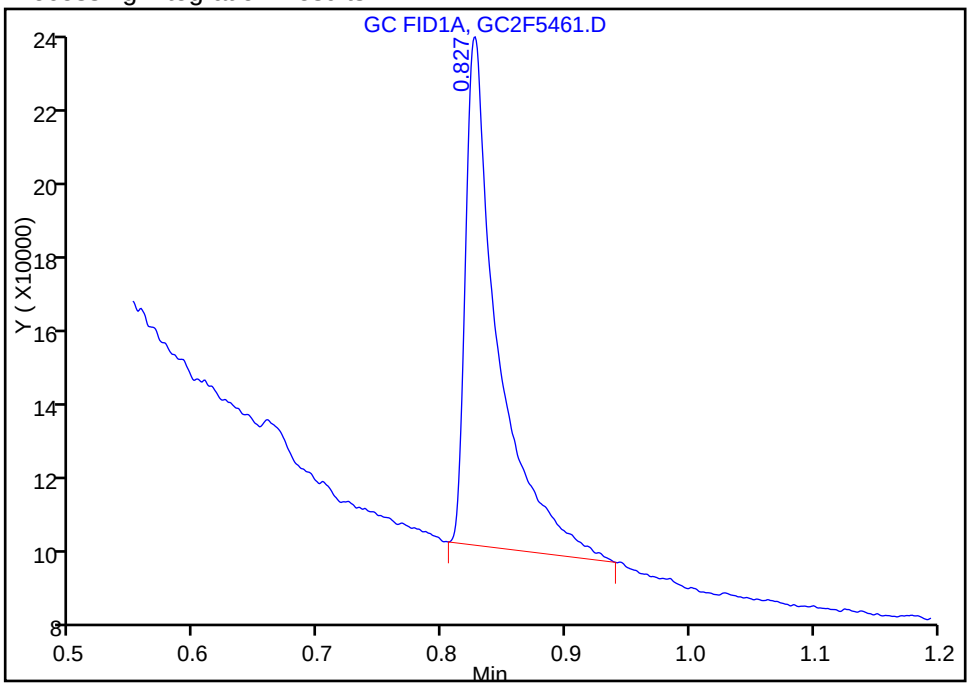
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5461.D		
Injection Date:	19-Sep-2013 10:51:05	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-16SE-SI	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	13
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 5 Chlorobenzene, Signal: 1, Type: quant, RT: 0.82

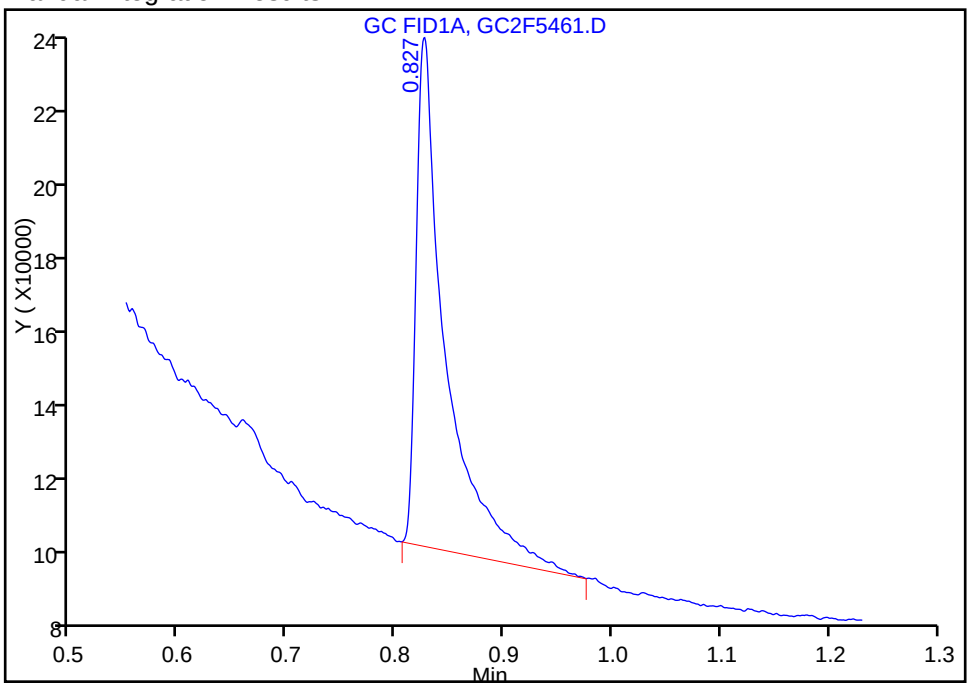
Processing Integration Results

RT: 0.83
Response: 232857
Amount: 7.795736



Manual Integration Results

RT: 0.83
Response: 244199
Amount: 8.175450



Reviewer: kimh, 19-Sep-2013 11:04:02
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-VD Lab Sample ID: 460-62968-20

Matrix: Solid Lab File ID: GC2F5375.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 12:00

Extraction Method: 3546 Date Extracted: 09/16/2013 12:54

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 12:20

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.8 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)	1400		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\GC2F5375.D		
Lims ID:	460-62968-E-20-C	Client ID:	PMP-28SE-VD
Inject. Date:	18-Sep-2013 12:20:25	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004767-011		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	13
Lims Batch ID:	181947	Lims Sample ID:	11
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:33	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 13:00:57

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	67716905	1975.6	k

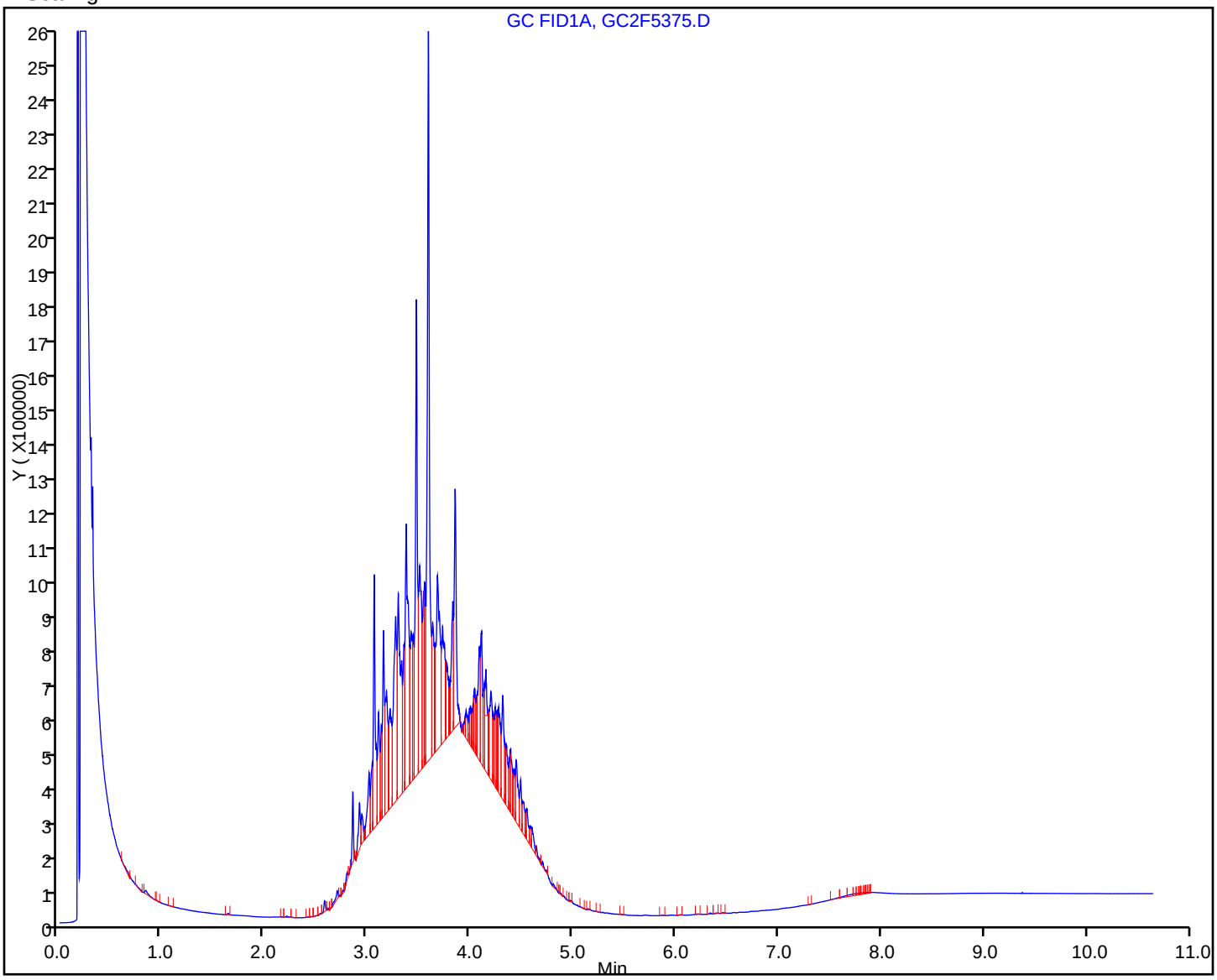
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:24:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5375.D		
Injection Date:	18-Sep-2013 12:20:25	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-28SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	11
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-WT Lab Sample ID: 460-62968-21

Matrix: Solid Lab File ID: GC2F5389.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 12:05

Extraction Method: 3546 Date Extracted: 09/16/2013 12:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 16:47

Con. Extract Vol.: 1(mL) Dilution Factor: 50

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)	4900		320	320

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\GC2F5389.D		
Lims ID:	460-62968-E-21-H	Client ID:	PMP-28SE-WT
Inject. Date:	18-Sep-2013 16:47:38	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-0004767-025		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	23
Lims Batch ID:	181947	Lims Sample ID:	25
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 07:00:46

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	43695440	1274.8	k

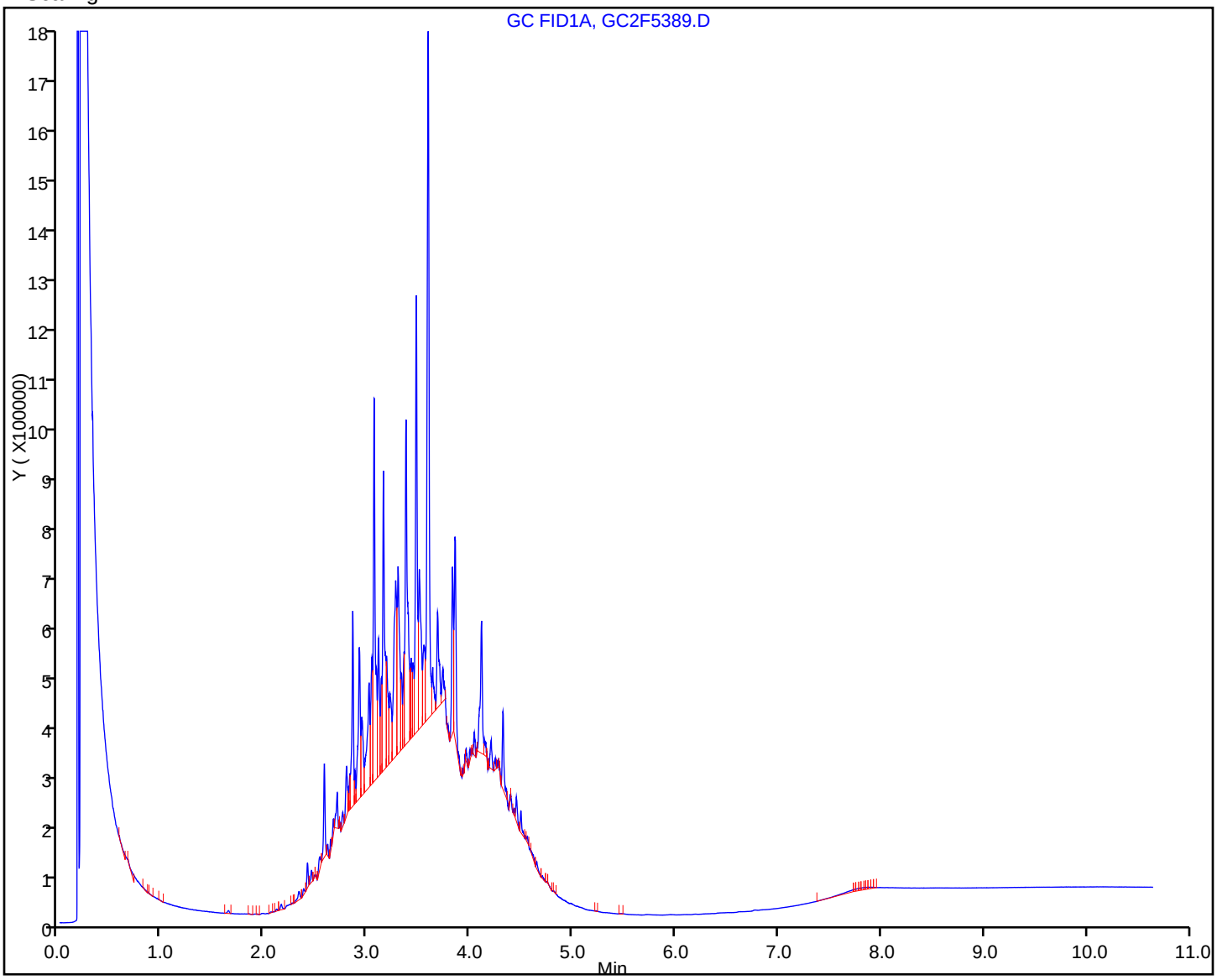
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:24:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5389.D		
Injection Date:	18-Sep-2013 16:47:38	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-28SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SI Lab Sample ID: 460-62968-22

Matrix: Solid Lab File ID: GC2F5464.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 12:10

Extraction Method: 3546 Date Extracted: 09/18/2013 12:53

Sample wt/vol: 15.04(g) Date Analyzed: 09/19/2013 11:35

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.4 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)	39		6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	62		50-105
108-90-7	Chlorobenzene	39	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5464.D		
Lims ID:	460-62968-E-22-D	Client ID:	PMP-28SE-SI
Inject. Date:	19-Sep-2013 11:35:36	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-016		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	182075	Lims Sample ID:	16
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 11:49:14

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.828	0.823	0.005	232475	7.78	
A	3 C8-C40					
	4.113	0.488 -	7.737	17377178	507.0	k
$	4 o-Terphenyl					
	4.153	4.159	-0.006	555107	12.4	

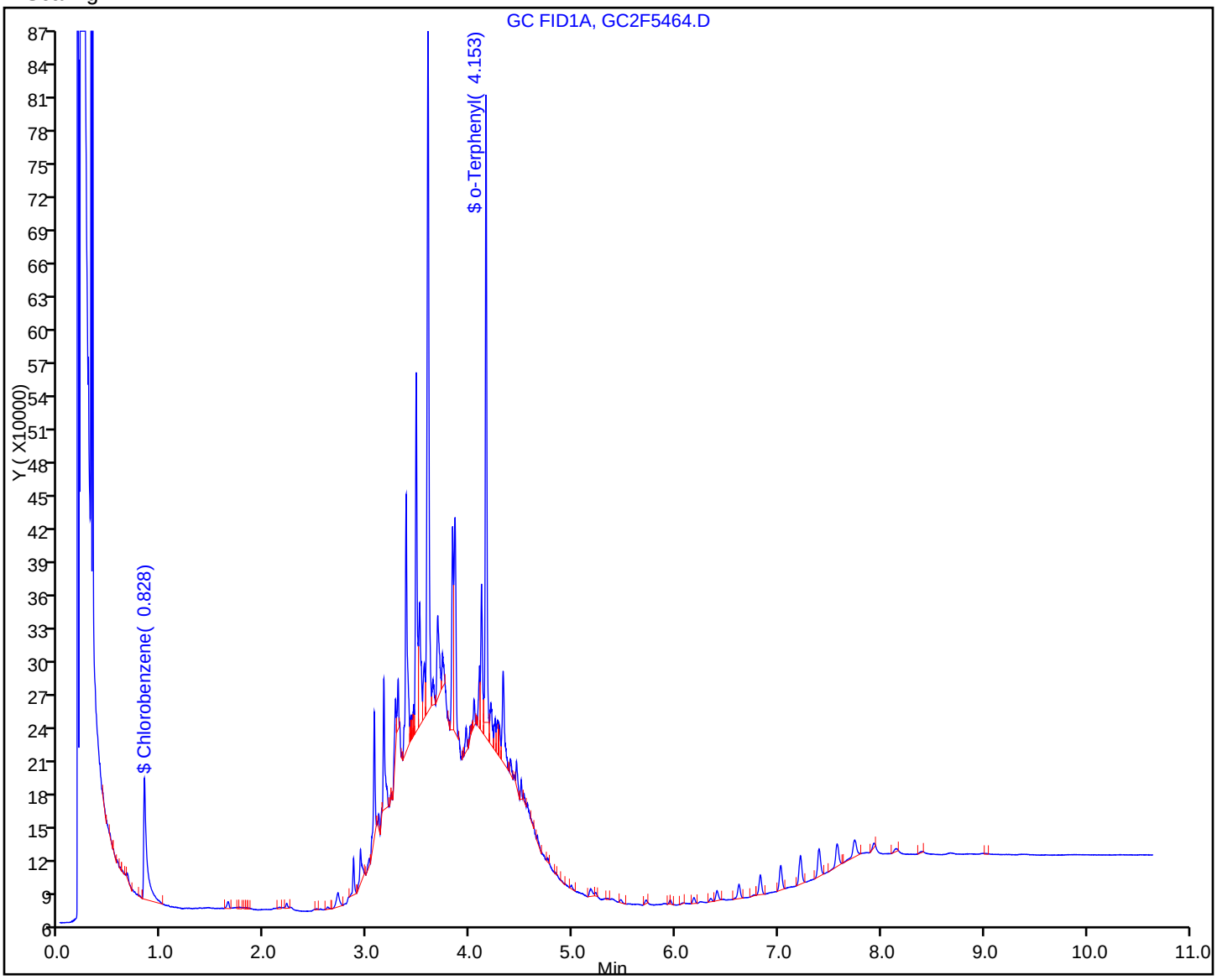
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 14:52:13 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5464.D		
Injection Date:	19-Sep-2013 11:35:36	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-28SE-SI	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	16
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-28SE-SD Lab Sample ID: 460-62968-23

Matrix: Solid Lab File ID: GC2F5465.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 12:15

Extraction Method: 3546 Date Extracted: 09/18/2013 12:53

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 11:50

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	8.0		6.2	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	51		50-105
108-90-7	Chlorobenzene	30	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5465.D		
Lims ID:	460-62968-E-23-D	Client ID:	PMP-28SE-SD
Inject. Date:	19-Sep-2013 11:50:16	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-017		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	17
Lims Batch ID:	182075	Lims Sample ID:	17
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 12:04:06

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.831	0.823	0.008	181751	6.08	
A	3 C8-C40					
	4.113	0.488 -	7.737	3638443	106.2	k
$	4 o-Terphenyl					M
	4.168	4.159	0.009	455898	10.2	M

QC Flag Legend

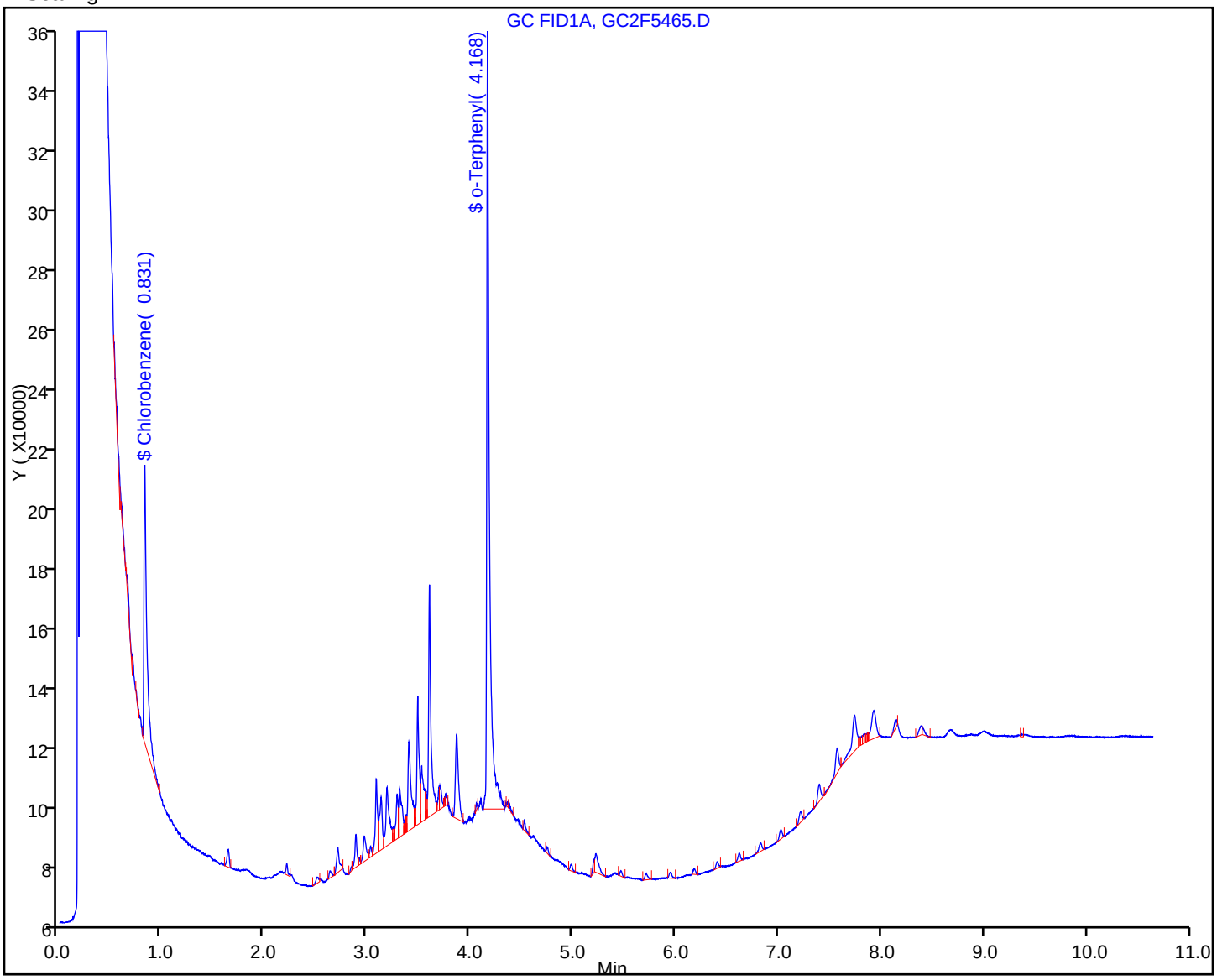
Processing Flags
k - Response Background Subtracted

Review Flags
M - Manually Integrated

Report Date: 19-Sep-2013 14:52:14 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5465.D		
Injection Date:	19-Sep-2013 11:50:16	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-28SE-SD	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	17
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



Manual Integration/User Assign Peak Report

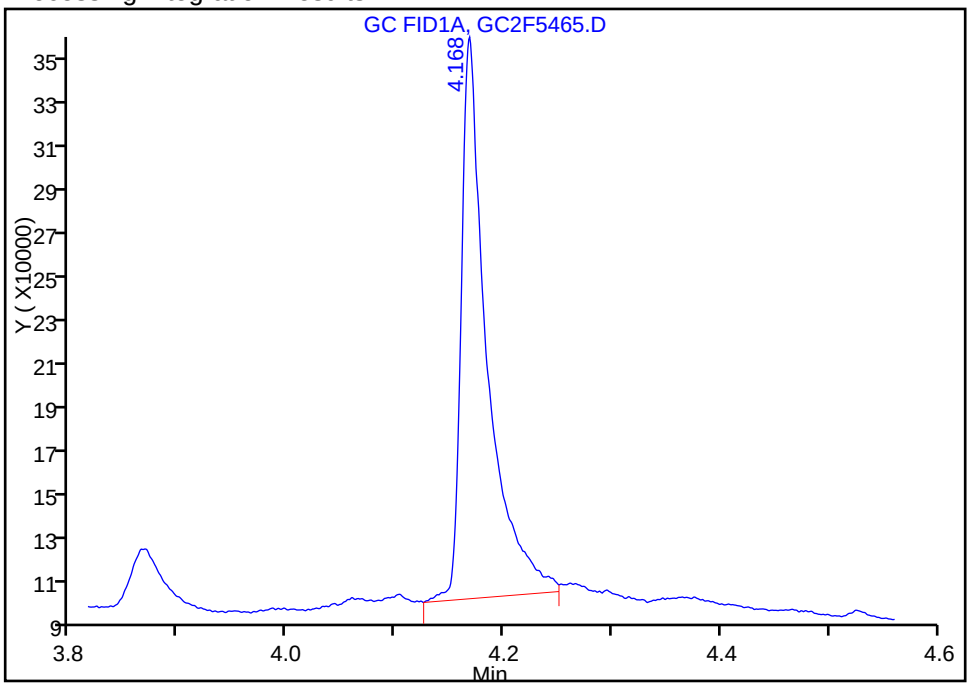
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5465.D		
Injection Date:	19-Sep-2013 11:50:16	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-28SE-SD	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	17
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 4 o-Terphenyl, Signal: 1, Type: quant, RT: 4.16

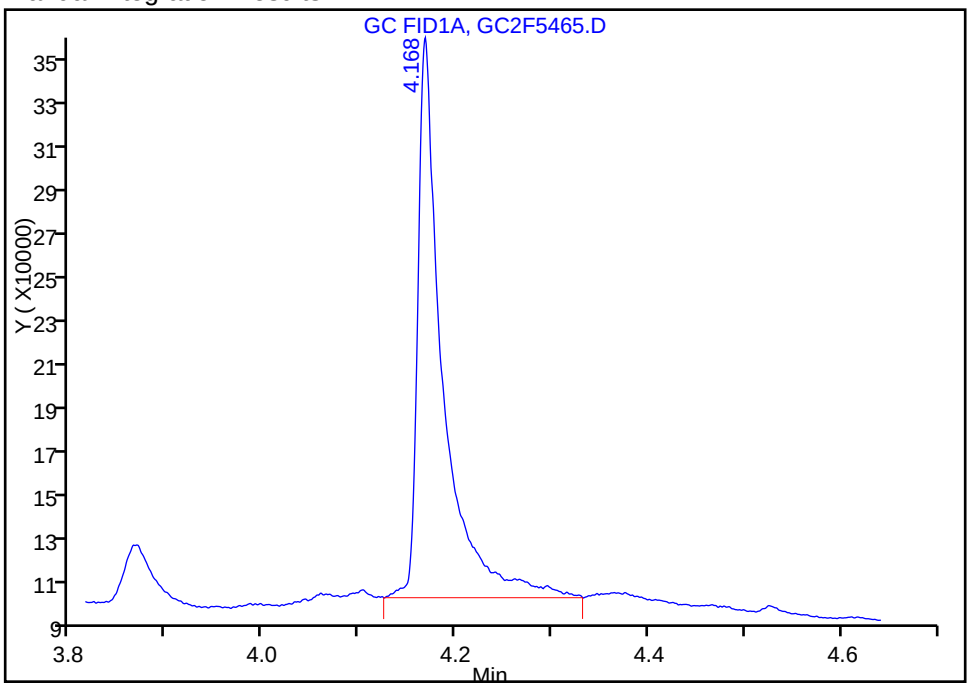
Processing Integration Results

RT: 4.17
Response: 416112
Amount: 9.274951



Manual Integration Results

RT: 4.17
Response: 455898
Amount: 10.161763



Reviewer: kimh, 19-Sep-2013 14:11:34
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-VD Lab Sample ID: 460-62968-24

Matrix: Solid Lab File ID: GC2F5311.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 14:00

Extraction Method: 3546 Date Extracted: 09/16/2013 12:59

Sample wt/vol: 15.01(g) Date Analyzed: 09/17/2013 19:44

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181694 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	52		50-105
108-90-7	Chlorobenzene	36	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5311.D		
Lims ID:	460-62968-E-24-C	Client ID:	PMP-9SE-VD
Inject. Date:	17-Sep-2013 19:44:16	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004706-048		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	42
Lims Batch ID:	181694	Lims Sample ID:	48
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		

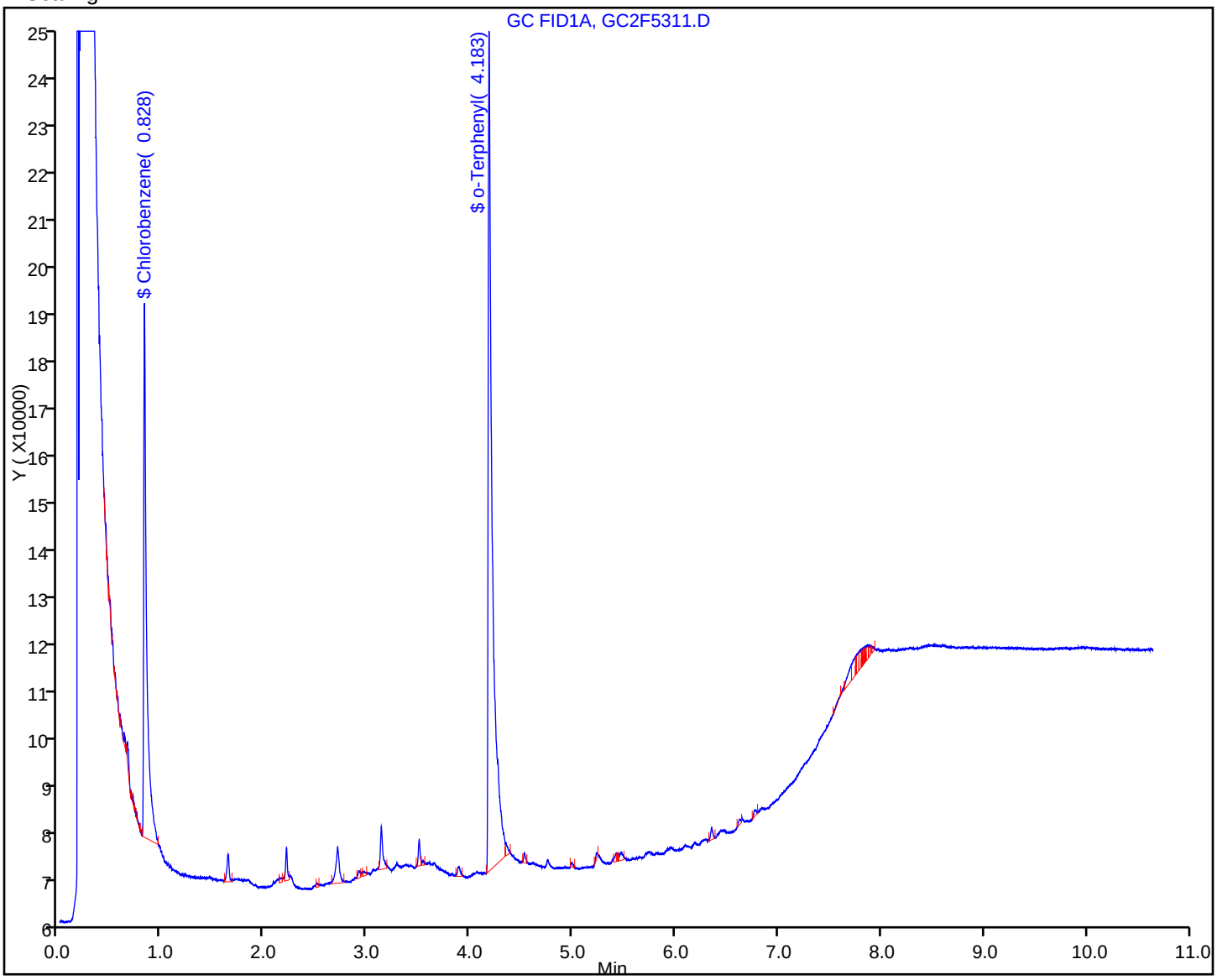
First Level Reviewer: kimh Date: 18-Sep-2013 07:51:51

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.828	0.824	0.004	212983	7.13	
$	4 o-Terphenyl					
	4.183	4.163	0.020	464877	10.4	

Report Date: 19-Sep-2013 08:22:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5311.D		
Injection Date:	17-Sep-2013 19:44:16	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-9SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	48
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-WT Lab Sample ID: 460-62968-25

Matrix: Solid Lab File ID: GC2F5312.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 14:05

Extraction Method: 3546 Date Extracted: 09/16/2013 12:59

Sample wt/vol: 15.01(g) Date Analyzed: 09/17/2013 19:58

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181694 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	53		50-105
108-90-7	Chlorobenzene	30	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5312.D		
Lims ID:	460-62968-E-25-C	Client ID:	PMP-9SE-WT
Inject. Date:	17-Sep-2013 19:58:56	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004706-049		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	43
Lims Batch ID:	181694	Lims Sample ID:	49
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		

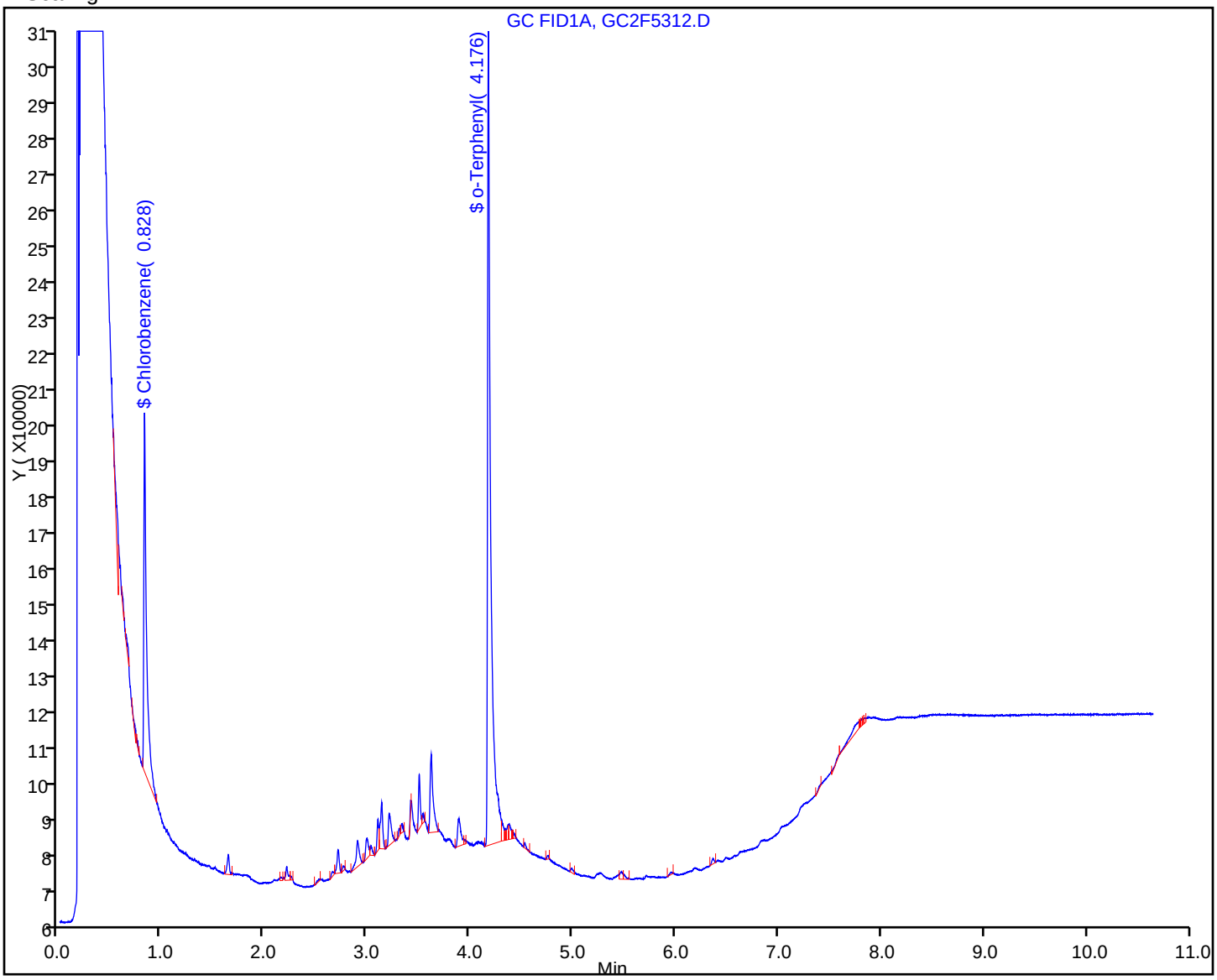
First Level Reviewer: kimh Date: 18-Sep-2013 08:06:41

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.828	0.824	0.004	177610	5.95	
$ 4 o-Terphenyl					
4.176	4.163	0.013	472526	10.5	

Report Date: 19-Sep-2013 08:22:18 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5312.D		
Injection Date:	17-Sep-2013 19:58:56	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-9SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	181694	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-9SE-SI | Lab Sample ID: 460-62968-26

Matrix: Solid | Lab File ID: GC2F5379.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 09/12/2013 14:10

Extraction Method: 3546 | Date Extracted: 09/16/2013 12:59

Sample wt/vol: 15.05(g) | Date Analyzed: 09/18/2013 14:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

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)	2200		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\GC2F5379.D		
Lims ID:	460-62968-E-26-C	Client ID:	PMP-9SE-SI
Inject. Date:	18-Sep-2013 14:20:36	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	460-0004767-015		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	181947	Lims Sample ID:	15
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:45	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 14:35:19

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	107658547	3140.9	k

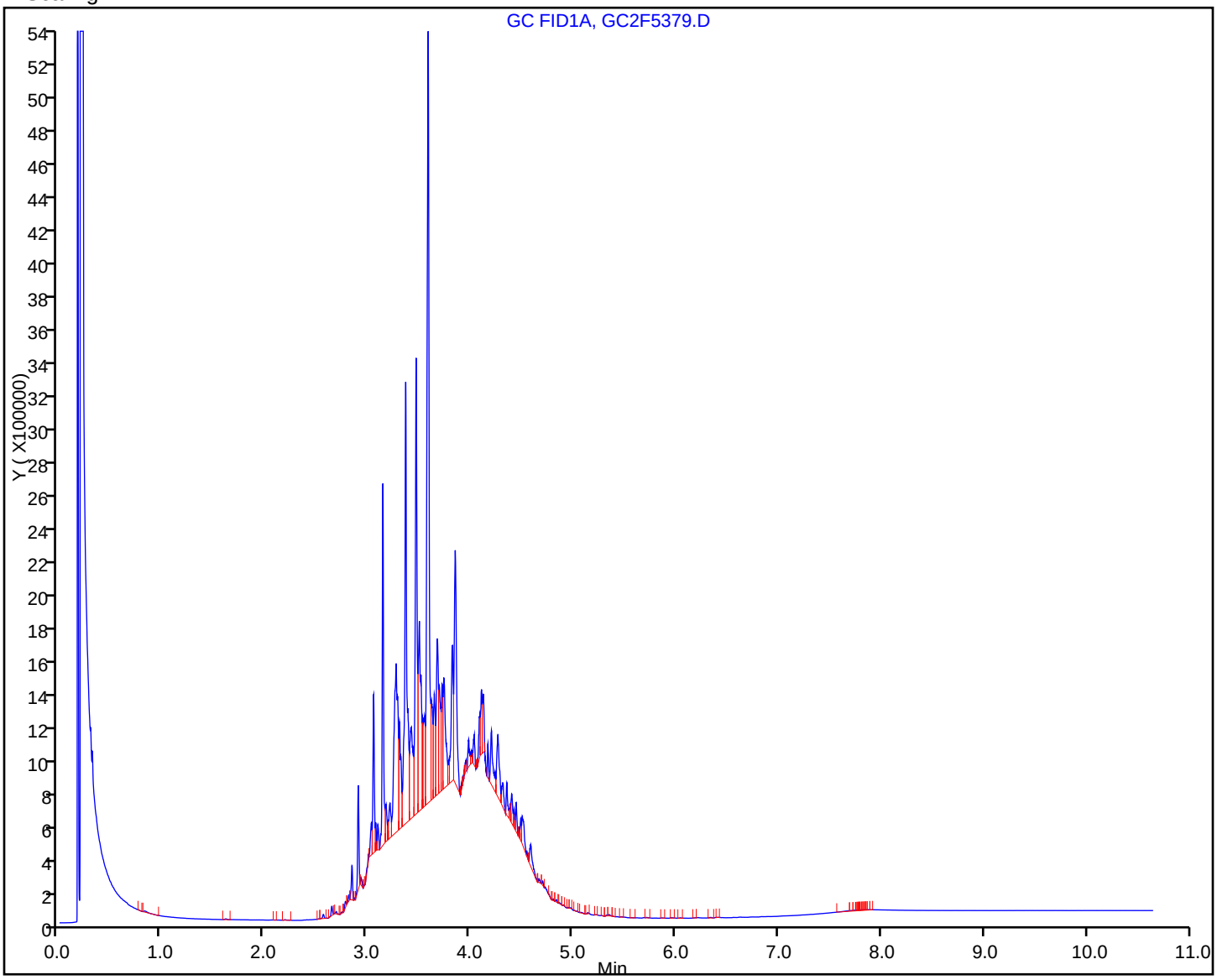
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:24:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5379.D		
Injection Date:	18-Sep-2013 14:20:36	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-9SE-SI	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	15
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VS Lab Sample ID: 460-62968-27

Matrix: Solid Lab File ID: GC2F5380.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 15:15

Extraction Method: 3546 Date Extracted: 09/16/2013 12:59

Sample wt/vol: 15.03(g) Date Analyzed: 09/18/2013 14:35

Con. Extract Vol.: 1(mL) Dilution Factor: 50

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.3 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)	4200		290	290

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\GC2F5380.D		
Lims ID:	460-62968-E-27-C	Client ID:	PMP-24SE-VS
Inject. Date:	18-Sep-2013 14:35:16	Dil. Factor:	50.0000
Sample Type:	Client		
Sample ID:	460-0004767-016		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	181947	Lims Sample ID:	16
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:45	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 14:49:06

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	40973015	1195.4	k

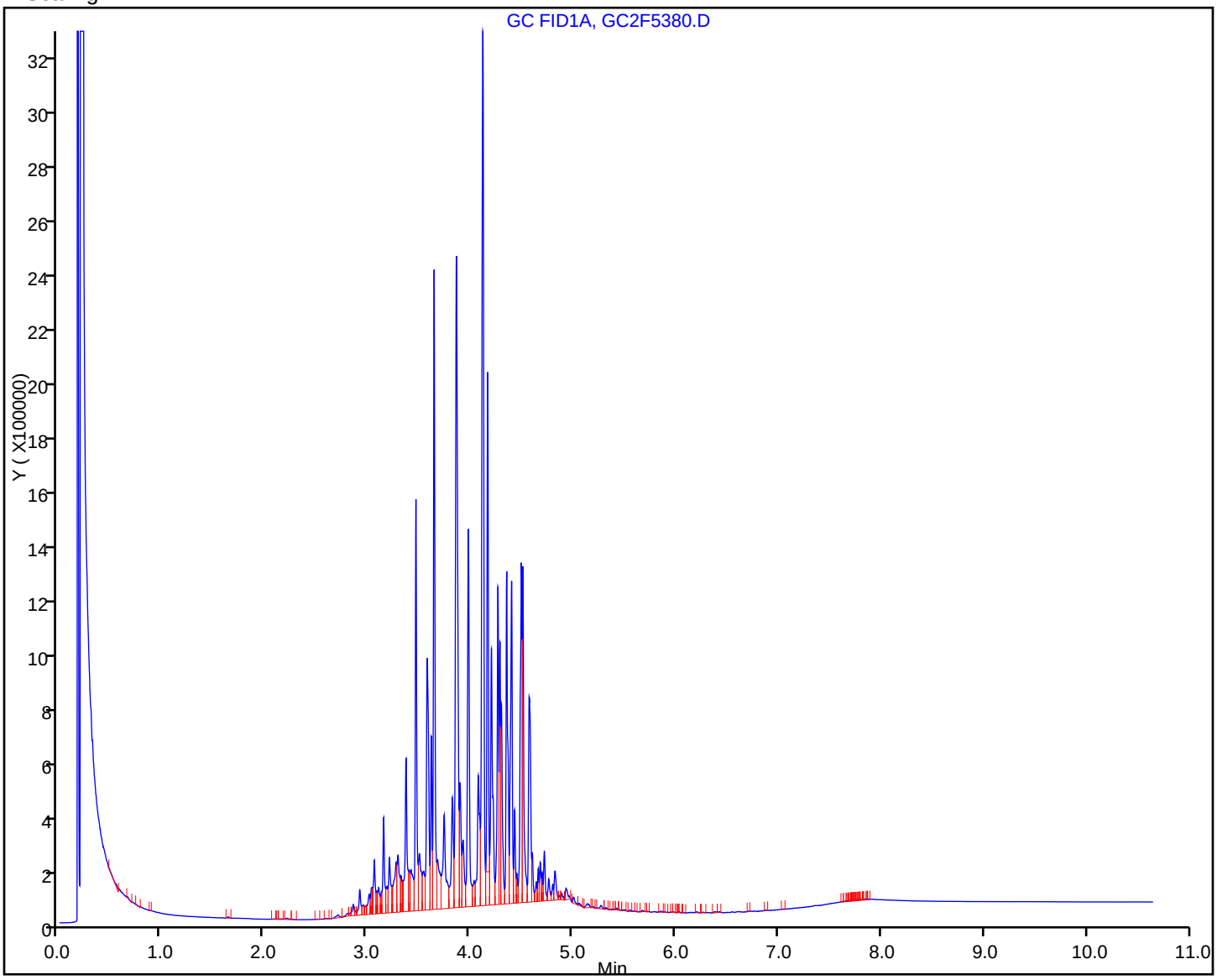
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:24:48 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5380.D		
Injection Date:	18-Sep-2013 14:35:16	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-24SE-VS	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	16
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-VD | Lab Sample ID: 460-62968-28

Matrix: Solid | Lab File ID: GC2F5381.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 09/12/2013 15:30

Extraction Method: 3546 | Date Extracted: 09/16/2013 12:59

Sample wt/vol: 15.01(g) | Date Analyzed: 09/18/2013 14:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 100

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 10.4 | 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)	8700		610	610

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\GC2F5381.D		
Lims ID:	460-62968-E-28-C	Client ID:	PMP-24SE-VD
Inject. Date:	18-Sep-2013 14:49:50	Dil. Factor:	100.0000
Sample Type:	Client		
Sample ID:	460-0004767-017		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	17
Lims Batch ID:	181947	Lims Sample ID:	17
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:45	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: 19-Sep-2013 06:57:57

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	40095313	1169.8	k

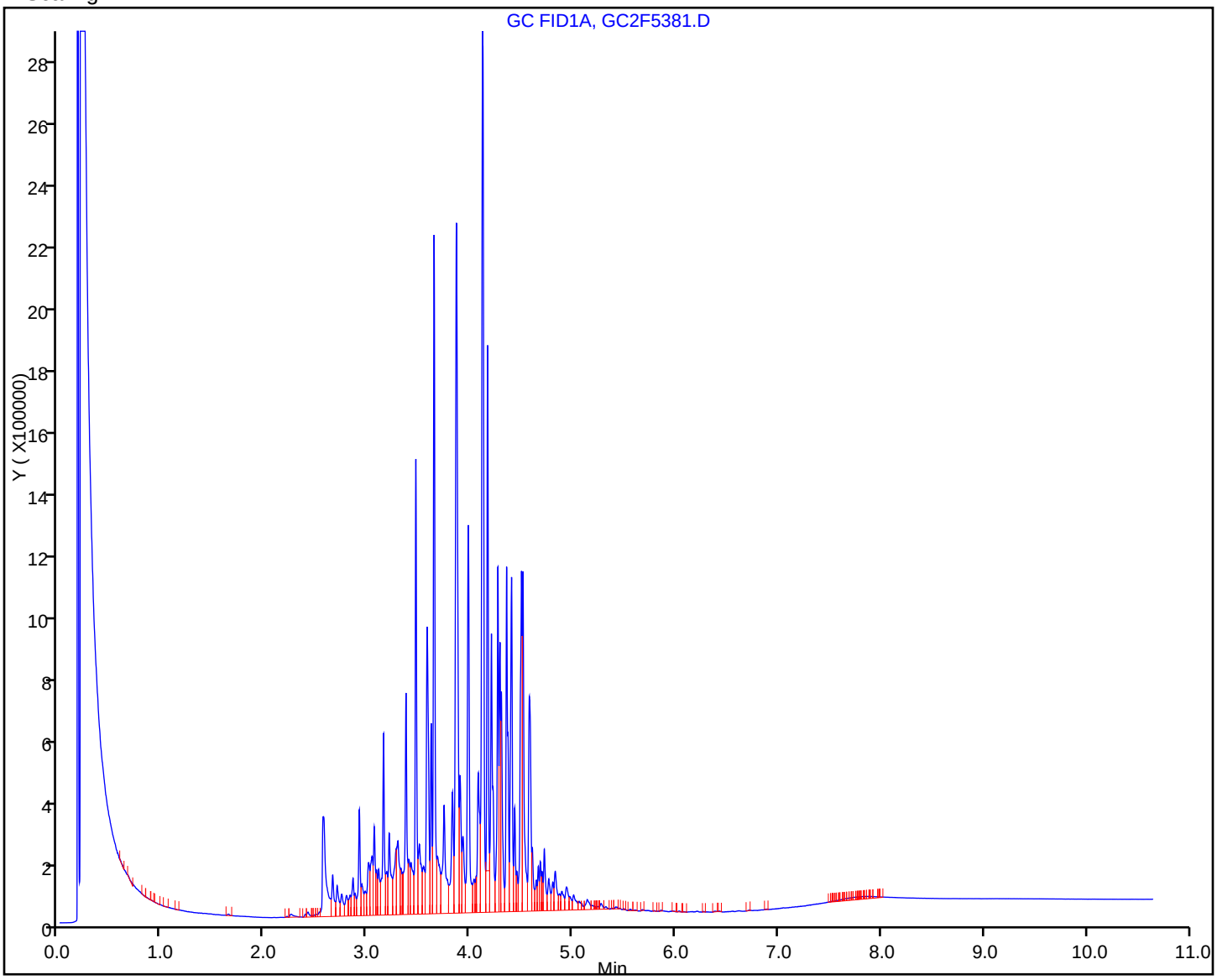
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:24:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5381.D		
Injection Date:	18-Sep-2013 14:49:50	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-24SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	17
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-WT Lab Sample ID: 460-62968-29

Matrix: Solid Lab File ID: GC2F5382.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 15:25

Extraction Method: 3546 Date Extracted: 09/16/2013 12:59

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 15:04

Con. Extract Vol.: 1(mL) Dilution Factor: 20

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)	2900		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\GC2F5382.D		
Lims ID:	460-62968-E-29-C	Client ID:	PMP-24SE-WT
Inject. Date:	18-Sep-2013 15:04:39	Dil. Factor:	20.0000
Sample Type:	Client		
Sample ID:	460-0004767-018		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	18
Lims Batch ID:	181947	Lims Sample ID:	18
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:45	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: 19-Sep-2013 06:58:05

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	70862696	2067.4	k

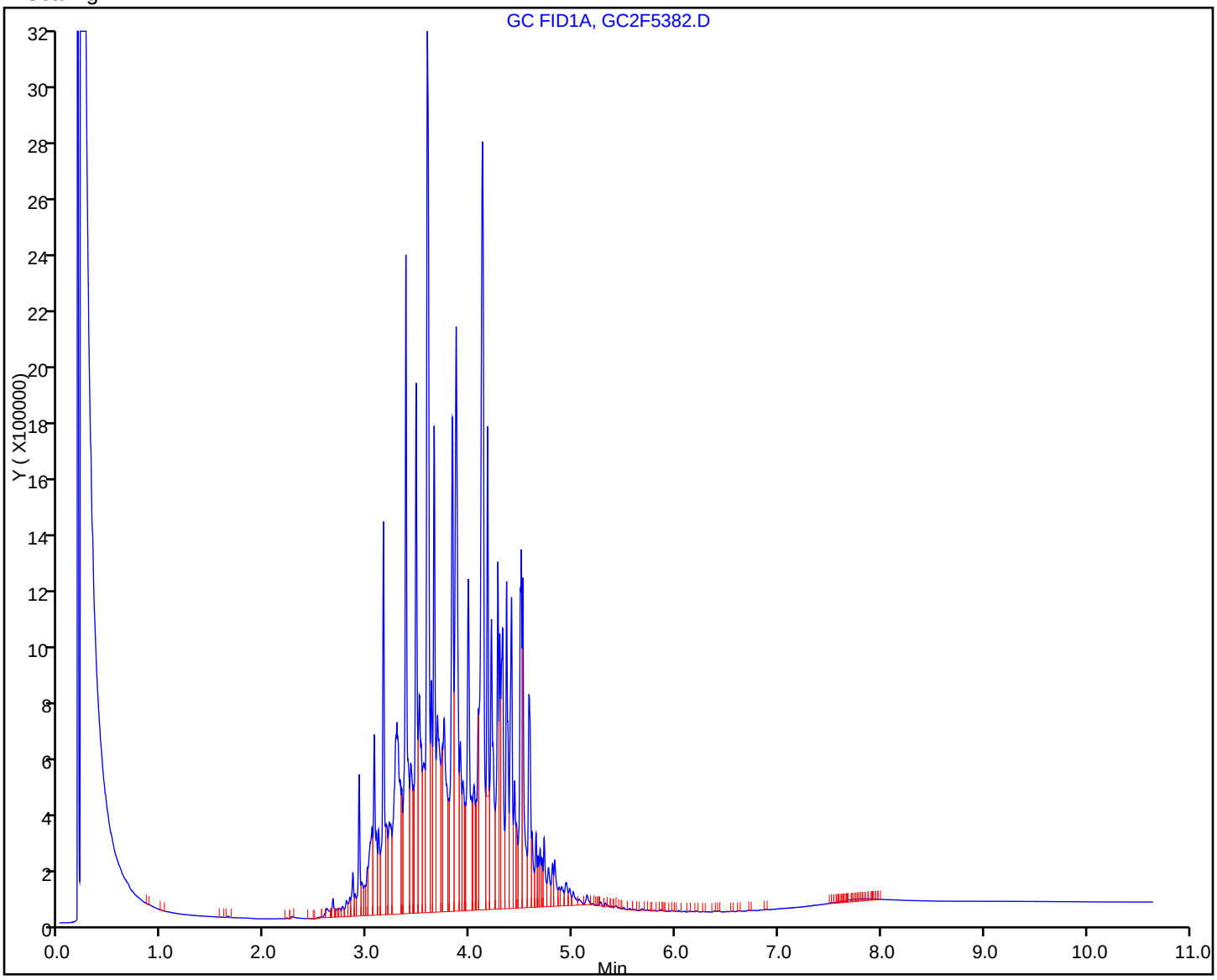
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:24:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5382.D		
Injection Date:	18-Sep-2013 15:04:39	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-24SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	18
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-24SE-SI Lab Sample ID: 460-62968-30

Matrix: Solid Lab File ID: GC2F5493.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 15:20

Extraction Method: 3546 Date Extracted: 09/16/2013 12:59

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 19:02

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 16.1 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)	77		6.6	6.6

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\GC2F5493.D		
Lims ID:	460-62968-E-30-C	Client ID:	PMP-24SE-SI
Inject. Date:	19-Sep-2013 19:02:53	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-047		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	41
Lims Batch ID:	182075	Lims Sample ID:	47
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 07:26:44

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.115	0.490 -	7.739	33185815	968.2	k

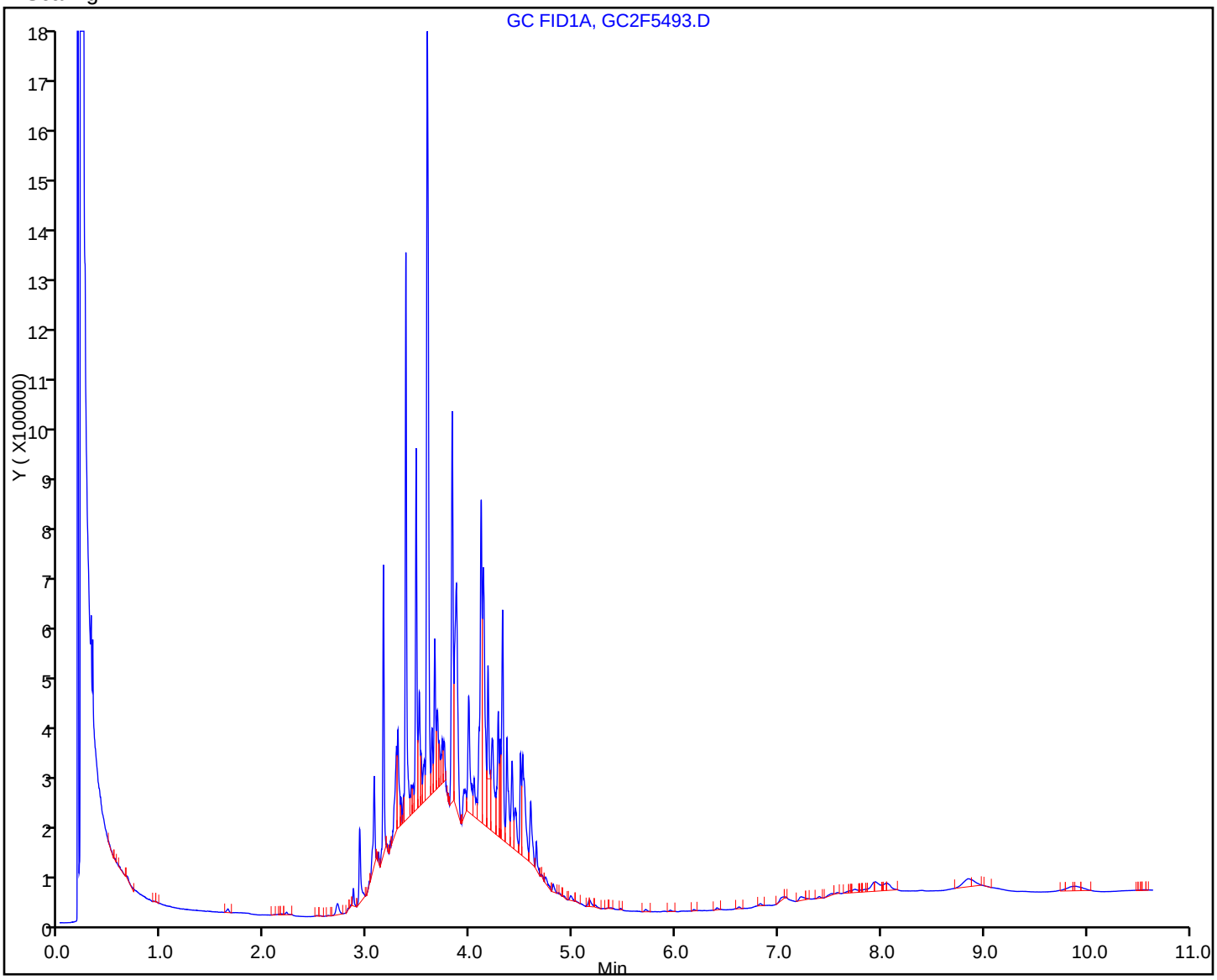
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 20-Sep-2013 07:31:06 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5493.D		
Injection Date:	19-Sep-2013 19:02:53	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-24SE-SI	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	47
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-VD Lab Sample ID: 460-62968-31

Matrix: Solid Lab File ID: GC2F5494.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 15:45

Extraction Method: 3546 Date Extracted: 09/16/2013 12:59

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 19:17

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.8 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)	120		5.8	5.8

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\GC2F5494.D		
Lims ID:	460-62968-E-31-C	Client ID:	PMP-2SE-VD
Inject. Date:	19-Sep-2013 19:17:41	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-048		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	42
Lims Batch ID:	182075	Lims Sample ID:	48
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 07:26:49

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.115	0.490 -	7.739	59883567	1747.1	k

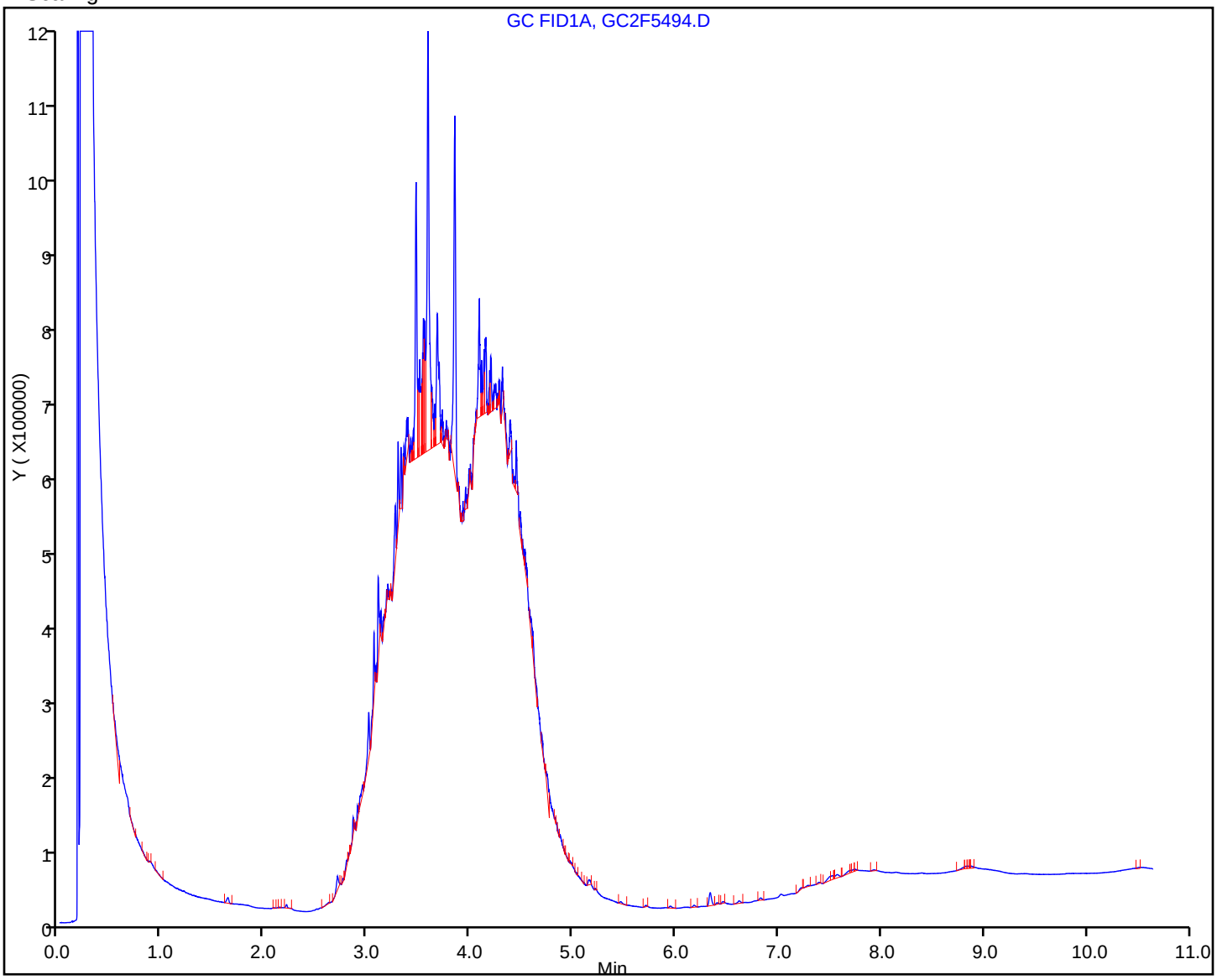
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 20-Sep-2013 07:31:06 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5494.D		
Injection Date:	19-Sep-2013 19:17:41	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-2SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	48
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-WT Lab Sample ID: 460-62968-32

Matrix: Solid Lab File ID: GC2F5385.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 15:50

Extraction Method: 3546 Date Extracted: 09/16/2013 12:59

Sample wt/vol: 15.01(g) Date Analyzed: 09/18/2013 15:48

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)	3400		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\GC2F5385.D		
Lims ID:	460-62968-E-32-C	Client ID:	PMP-2SE-WT
Inject. Date:	18-Sep-2013 15:48:52	Dil. Factor:	20.0000
Sample Type:	Client		
Sample ID:	460-0004767-021		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	21
Lims Batch ID:	181947	Lims Sample ID:	21
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:45	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: 19-Sep-2013 07:00:01

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.116	0.490 -	7.743	81838856	2387.6	k

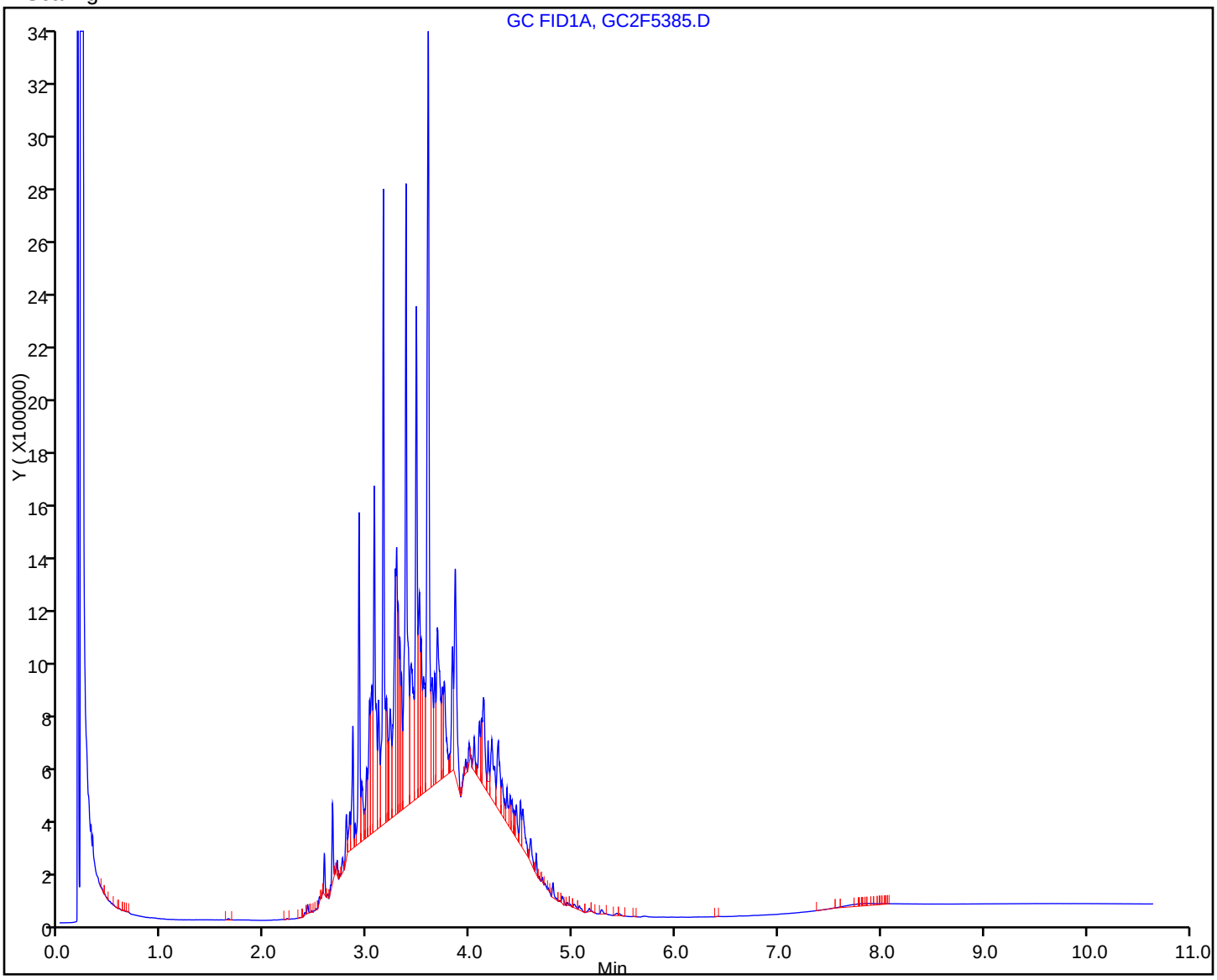
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:24:52 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5385.D		
Injection Date:	18-Sep-2013 15:48:52	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-2SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	21
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-2SE-SI Lab Sample ID: 460-62968-33

Matrix: Solid Lab File ID: GC2F5495.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 15:55

Extraction Method: 3546 Date Extracted: 09/16/2013 12:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/19/2013 19:32

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.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	120		6.4	6.4

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\GC2F5495.D		
Lims ID:	460-62968-E-33-C	Client ID:	PMP-2SE-SI
Inject. Date:	19-Sep-2013 19:32:13	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-049		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	43
Lims Batch ID:	182075	Lims Sample ID:	49
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 07:26:53

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
A 3 C8-C40					
4.115	0.490 -	7.739	53259409	1553.8	k

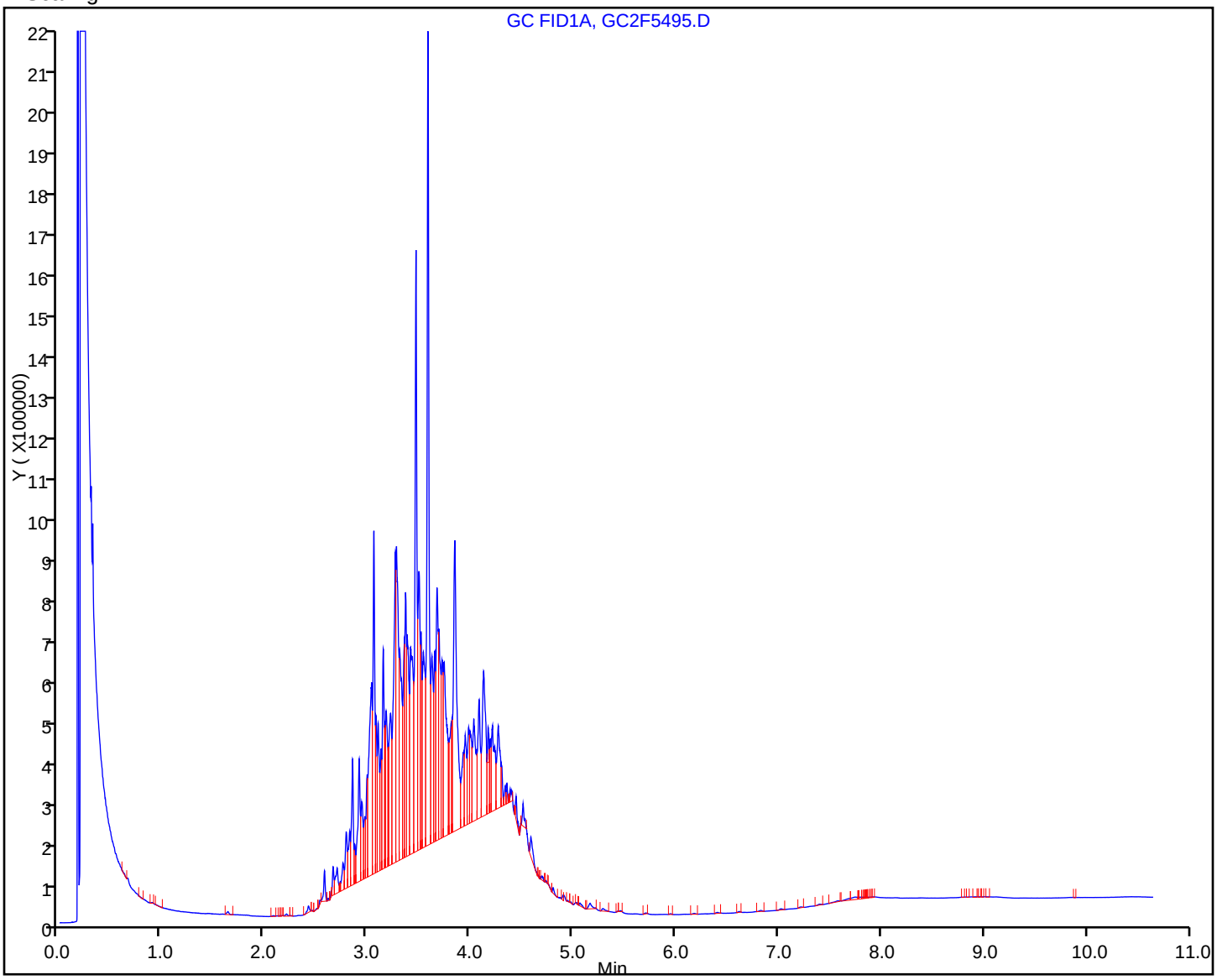
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 20-Sep-2013 07:31:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5495.D		
Injection Date:	19-Sep-2013 19:32:13	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-2SE-SI	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VS Lab Sample ID: 460-62968-34

Matrix: Solid Lab File ID: GC2F5323.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 16:15

Extraction Method: 3546 Date Extracted: 09/16/2013 12:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 22:40

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)	16		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	72		50-105
108-90-7	Chlorobenzene	47		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5323.D		
Lims ID:	460-62968-E-34-C	Client ID:	PMP-22SE-VS
Inject. Date:	17-Sep-2013 22:40:22	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004706-060		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	52
Lims Batch ID:	181694	Lims Sample ID:	60
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		

First Level Reviewer: kimh Date: 18-Sep-2013 07:53:11

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.824	0.824	0.0	280829	9.40	
A	3 C8-C40					
	4.119	0.491 -	7.746	7892931	230.3	k
$	4 o-Terphenyl					
	4.160	4.163	-0.003	648946	14.5	

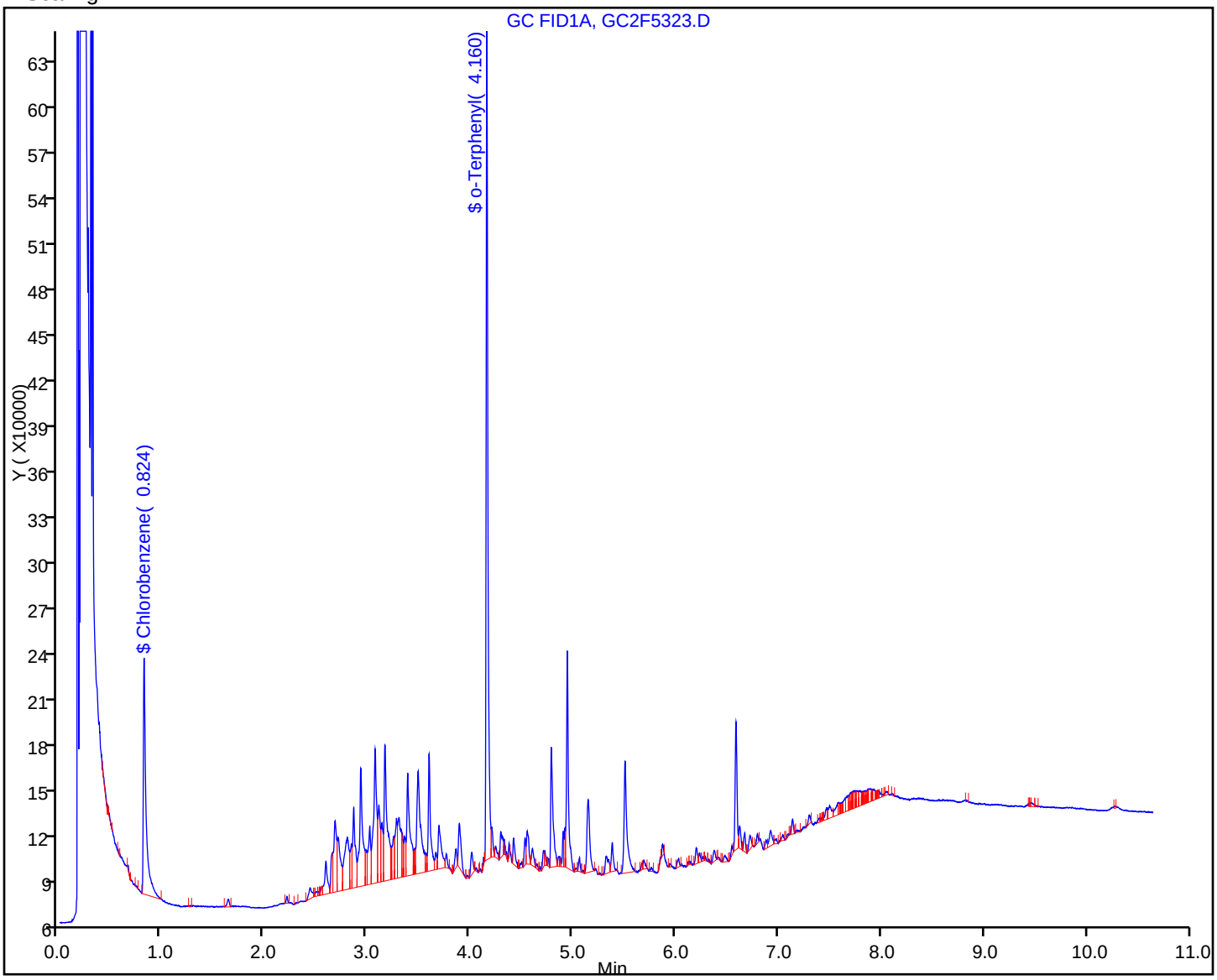
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:22:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5323.D		
Injection Date:	17-Sep-2013 22:40:22	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-22SE-VS	Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	60
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VD Lab Sample ID: 460-62968-35

Matrix: Solid Lab File ID: GC2F5378.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 16:20

Extraction Method: 3546 Date Extracted: 09/16/2013 12:59

Sample wt/vol: 15.00(g) Date Analyzed: 09/18/2013 13:48

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.: 181947 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	104		50-105
108-90-7	Chlorobenzene	79		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5378.D		
Lims ID:	460-62968-E-35-H	Client ID:	PMP-22SE-VD
Inject. Date:	18-Sep-2013 13:48:53	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004767-014		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	181947	Lims Sample ID:	14
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:45	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 14:30:56

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					M
0.820	0.819	0.001	472860	15.8	M
$ 4 o-Terphenyl					
4.166	4.159	0.007	936368	20.9	

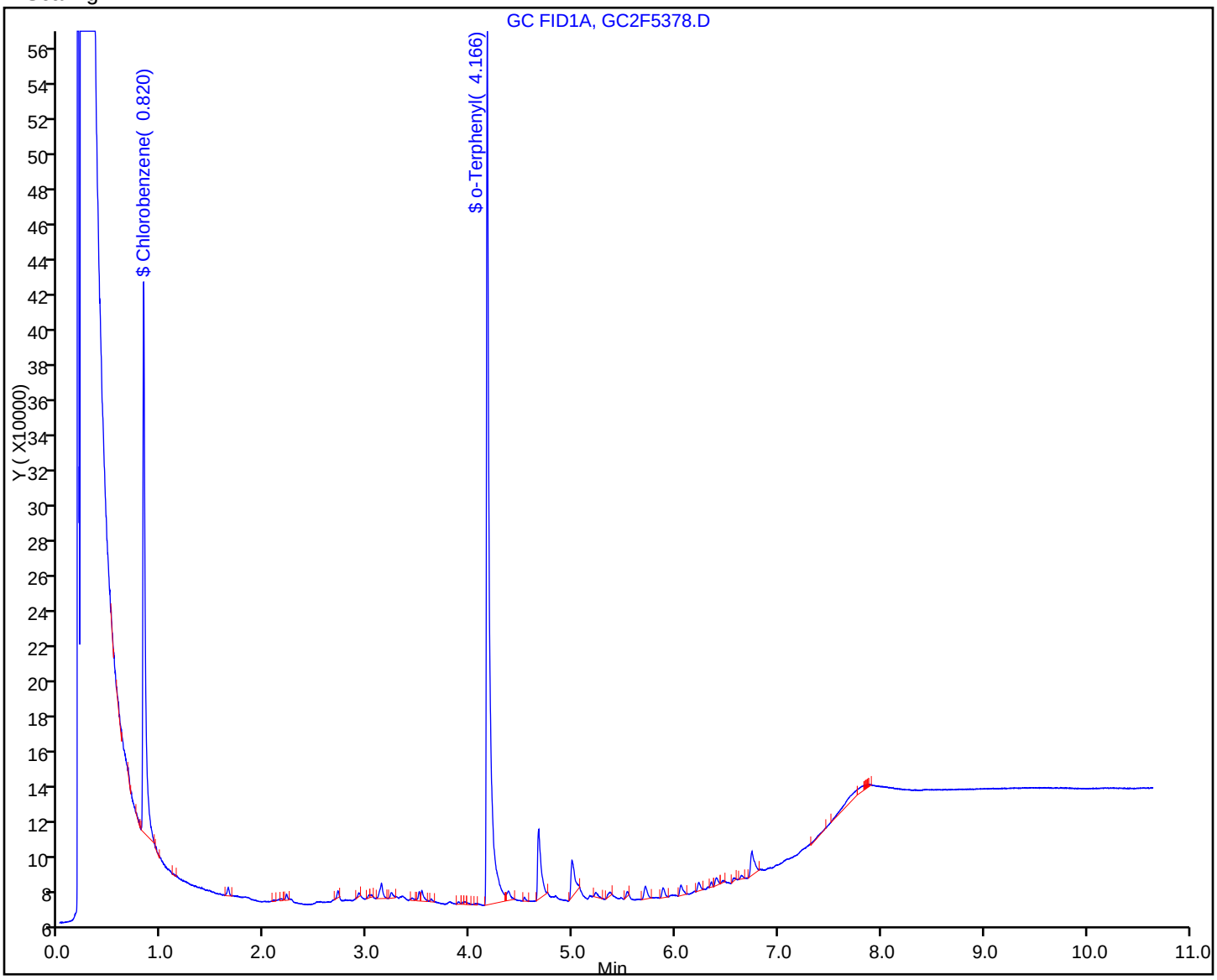
QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 19-Sep-2013 08:24:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5378.D		
Injection Date:	18-Sep-2013 13:48:53	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-22SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	14
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



Manual Integration/User Assign Peak Report

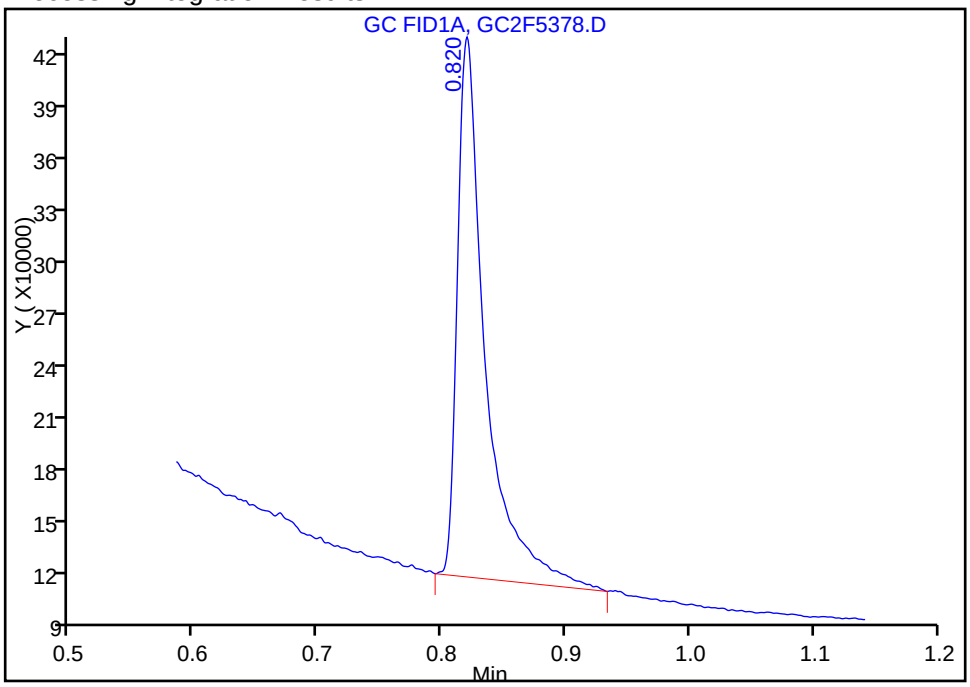
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5378.D		
Injection Date:	18-Sep-2013 13:48:53	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-22SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	14
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 5 Chlorobenzene, Signal: 1, Type: quant, RT: 0.82

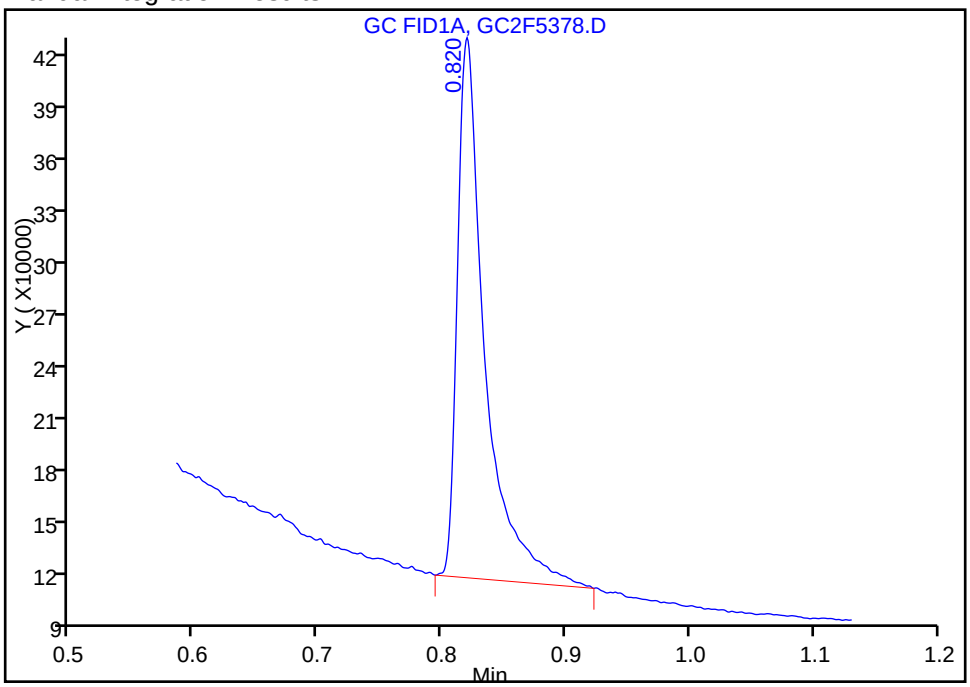
Processing Integration Results

RT: 0.82
Response: 480739
Amount: 16.094488



Manual Integration Results

RT: 0.82
Response: 472860
Amount: 15.830710



Reviewer: kimh, 18-Sep-2013 14:31:23
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-WT Lab Sample ID: 460-62968-36

Matrix: Solid Lab File ID: GC2F5327.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 16:25

Extraction Method: 3546 Date Extracted: 09/16/2013 12:59

Sample wt/vol: 15.05(g) Date Analyzed: 09/17/2013 23:38

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.7 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)	6.2	U	6.2	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	64		50-105
108-90-7	Chlorobenzene	45		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5327.D		
Lims ID:	460-62968-E-36-C	Client ID:	PMP-22SE-WT
Inject. Date:	17-Sep-2013 23:38:55	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004706-064		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	54
Lims Batch ID:	181694	Lims Sample ID:	64
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 07:53:34

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.824	0.824	0.0	268836	9.00	
A	3 C8-C40					
	4.119	0.491 -	7.746	1197353	34.9	k
$	4 o-Terphenyl					
	4.167	4.163	0.004	574376	12.8	

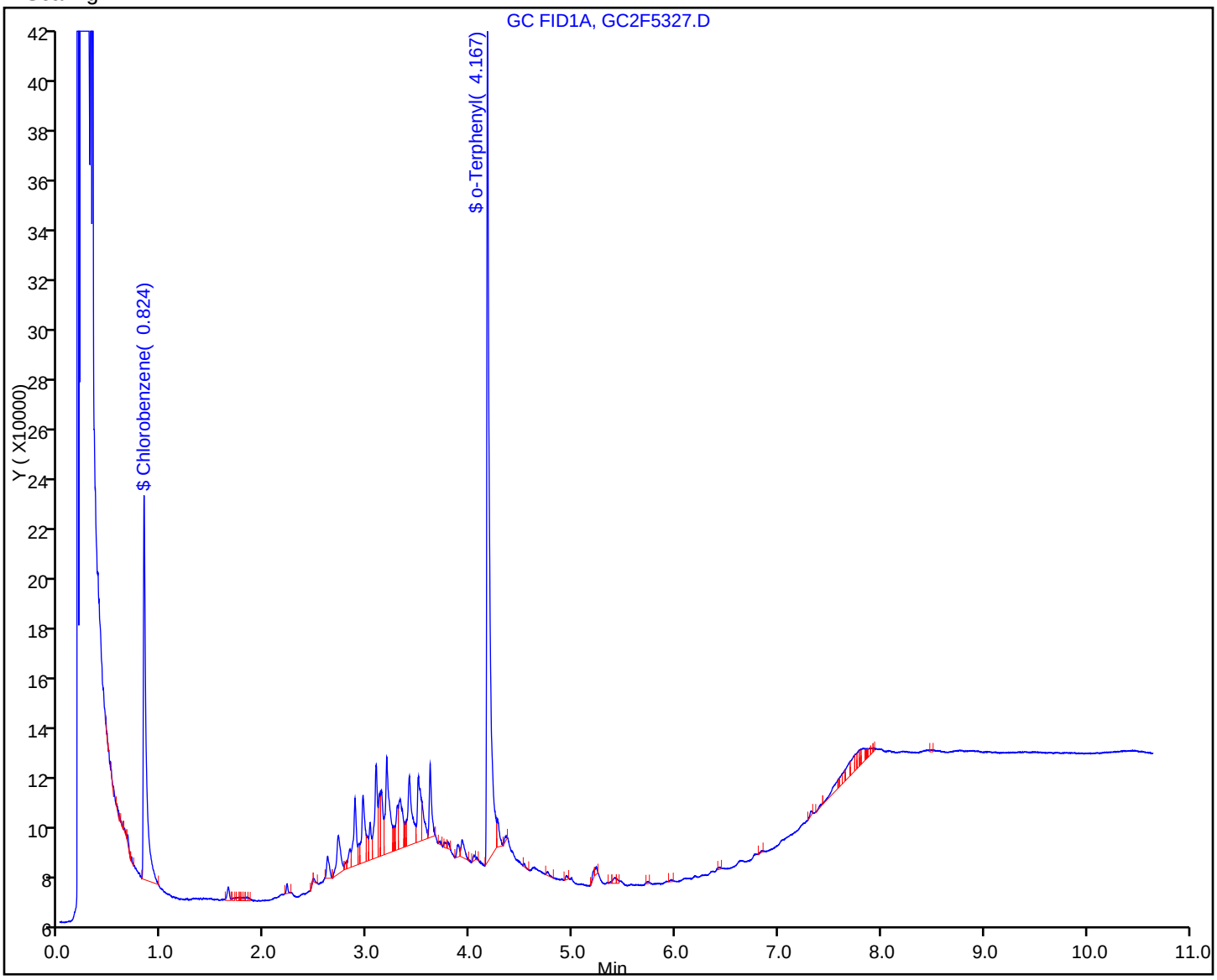
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:22:39 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5327.D		
Injection Date:	17-Sep-2013 23:38:55	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-22SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	64
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VS Lab Sample ID: 460-62968-37

Matrix: Solid Lab File ID: GC2F5466.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 16:35

Extraction Method: 3546 Date Extracted: 09/18/2013 12:53

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 12:04

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.: 182075 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	9.0		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	53		50-105
108-90-7	Chlorobenzene	32	X	40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5466.D		
Lims ID:	460-62968-E-37-D	Client ID:	PMP-23SE-VS
Inject. Date:	19-Sep-2013 12:04:54	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-018		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	18
Lims Batch ID:	182075	Lims Sample ID:	18
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 12:48:02

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.829	0.823	0.006	189671	6.35	
A	3 C8-C40					
	4.113	0.488 -	7.737	4369668	127.5	k
$	4 o-Terphenyl					M
	4.175	4.159	0.016	473979	10.6	M

QC Flag Legend

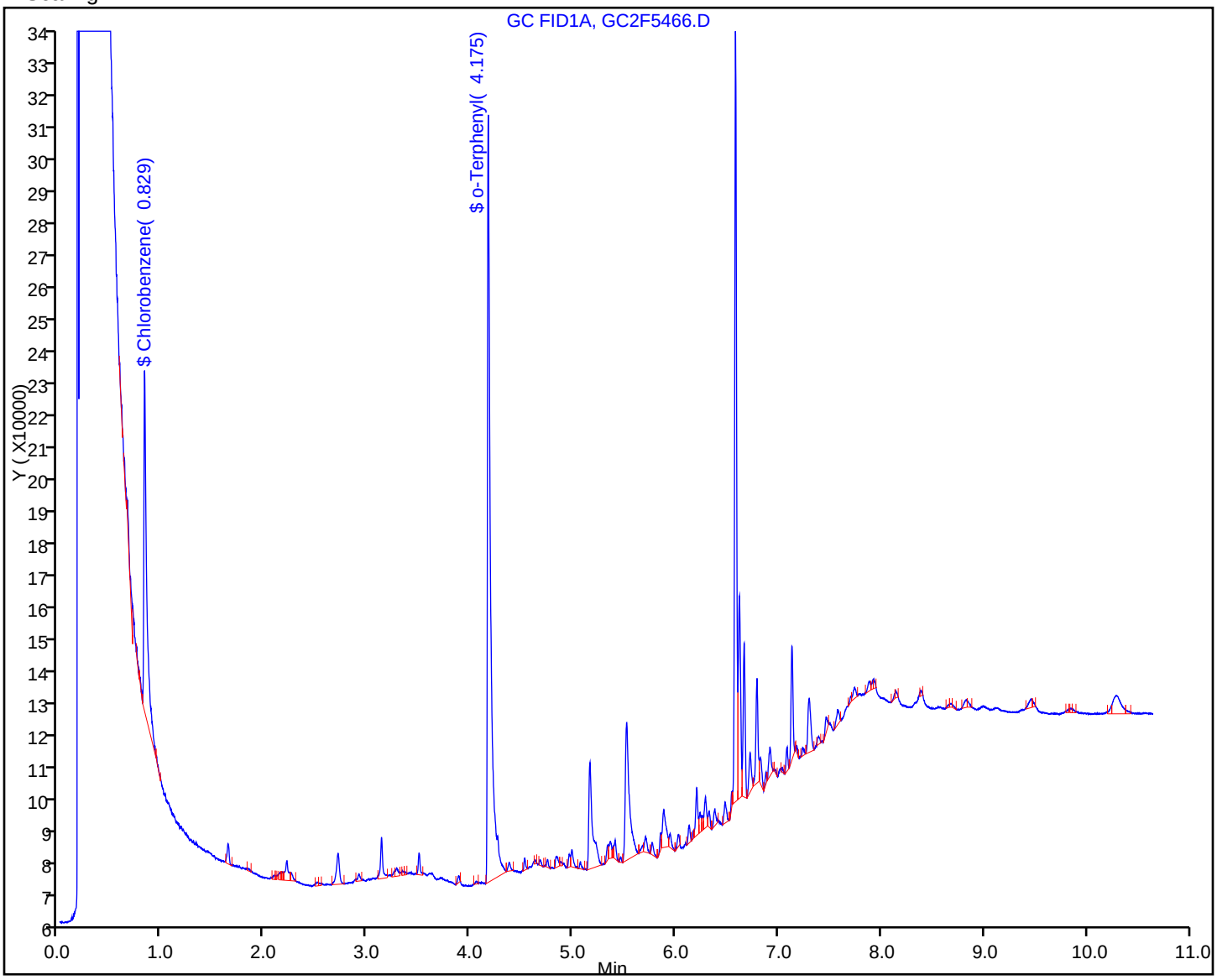
Processing Flags
k - Response Background Subtracted

Review Flags
M - Manually Integrated

Report Date: 19-Sep-2013 14:52:15 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5466.D		
Injection Date:	19-Sep-2013 12:04:54	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-23SE-VS	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	18
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



Manual Integration/User Assign Peak Report

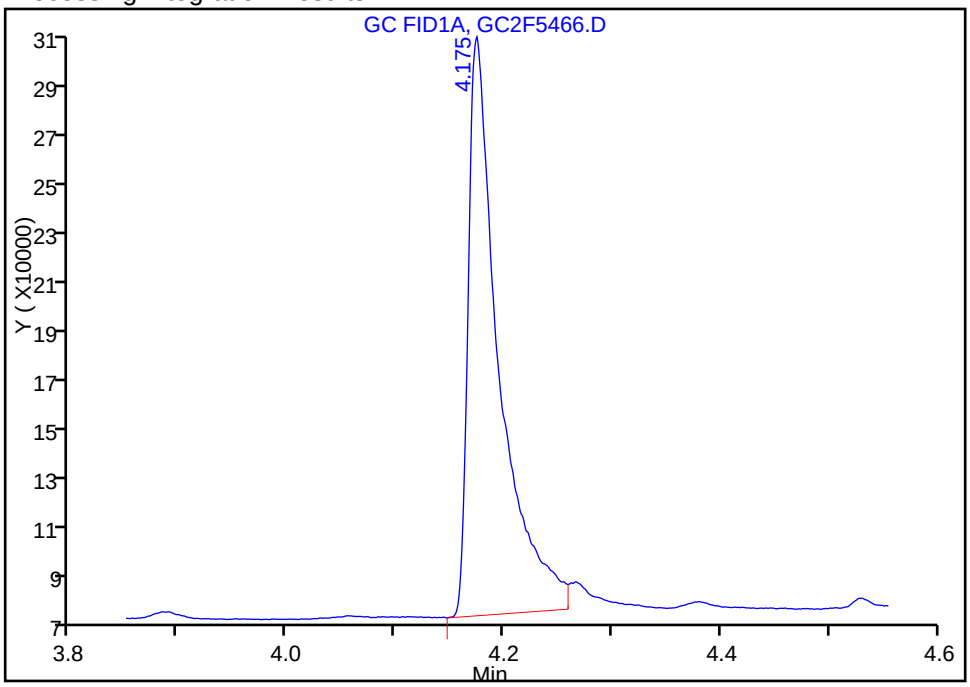
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5466.D		
Injection Date:	19-Sep-2013 12:04:54	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-23SE-VS	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	18
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 4 o-Terphenyl, Signal: 1, Type: quant, RT: 4.16

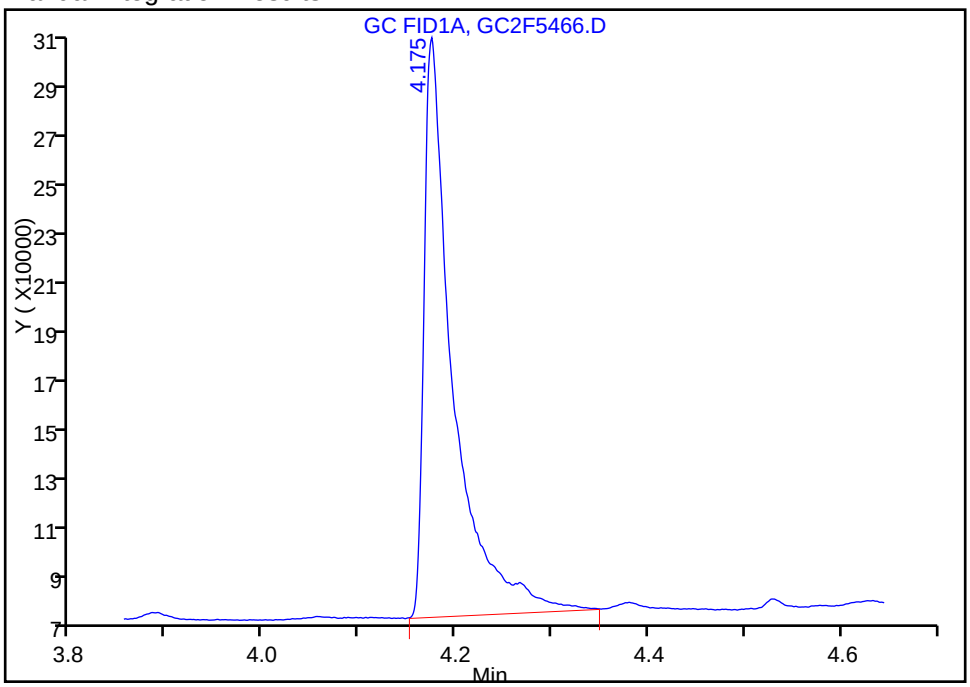
Processing Integration Results

RT: 4.17
Response: 445708
Amount: 9.934633



Manual Integration Results

RT: 4.17
Response: 473979
Amount: 10.564781



Reviewer: kimh, 19-Sep-2013 14:11:04
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-VD Lab Sample ID: 460-62968-38

Matrix: Solid Lab File ID: GC2F5467.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 16:40

Extraction Method: 3546 Date Extracted: 09/18/2013 12:53

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 12:19

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	69		50-105
108-90-7	Chlorobenzene	48		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5467.D		
Lims ID:	460-62968-E-38-D	Client ID:	PMP-23SE-VD
Inject. Date:	19-Sep-2013 12:19:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-019		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	182075	Lims Sample ID:	19
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 12:48:12

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.826	0.823	0.003	286916	9.61	
A	3 C8-C40					
	4.113	0.488 -	7.737	2350085	68.6	k
$	4 o-Terphenyl					
	4.179	4.159	0.020	618627	13.8	

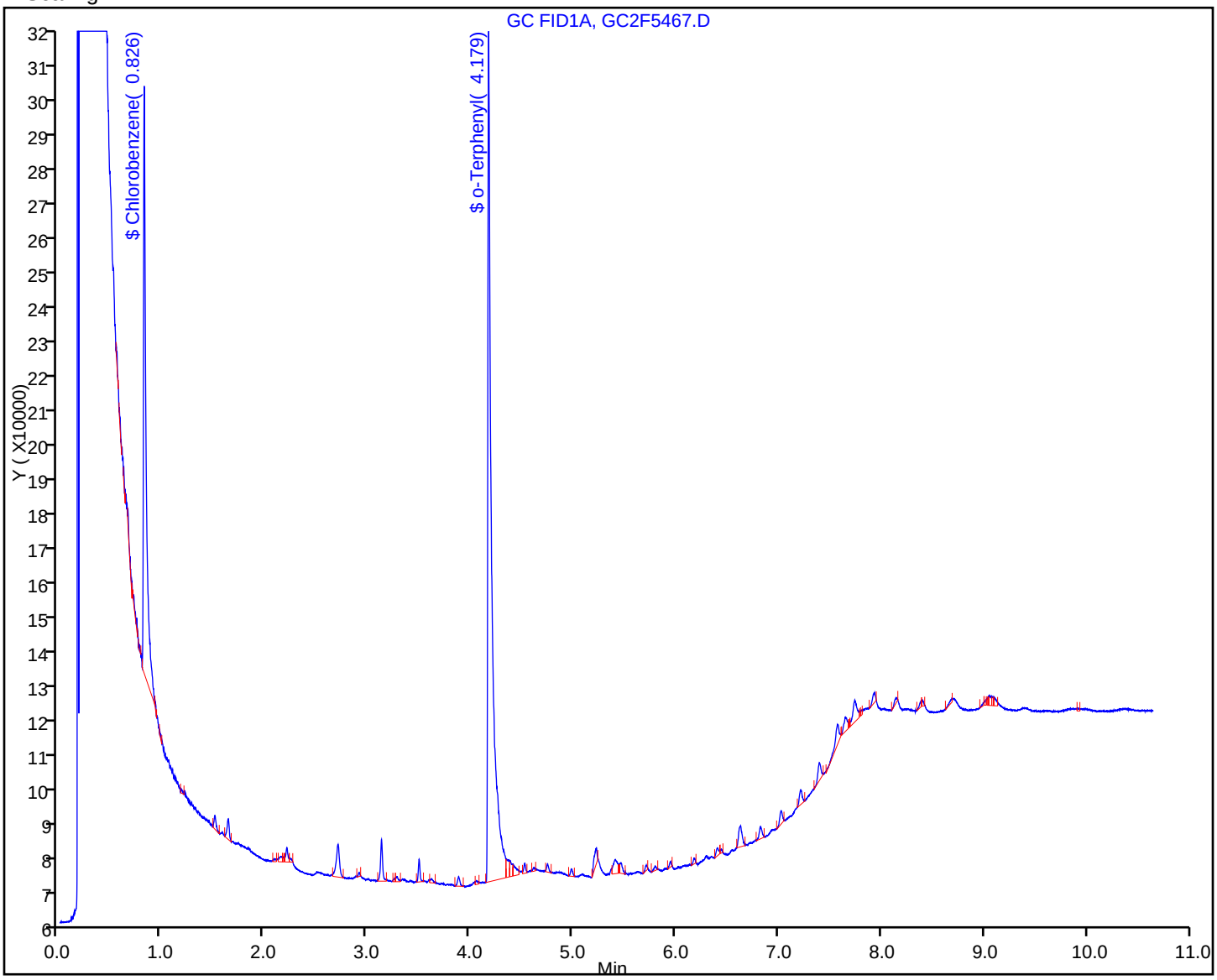
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 14:52:15 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5467.D		
Injection Date:	19-Sep-2013 12:19:30	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-23SE-VD	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	19
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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-23SE-WT Lab Sample ID: 460-62968-39

Matrix: Solid Lab File ID: GC2F5468.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 16:45

Extraction Method: 3546 Date Extracted: 09/18/2013 12:53

Sample wt/vol: 15.01(g) Date Analyzed: 09/19/2013 12:34

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 182075 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	64		50-105
108-90-7	Chlorobenzene	45		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5468.D		
Lims ID:	460-62968-E-39-D	Client ID:	PMP-23SE-WT
Inject. Date:	19-Sep-2013 12:34:06	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004792-020		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	182075	Lims Sample ID:	20
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 12:50:23

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.825	0.823	0.002	266904	8.94	
A	3 C8-C40					
	4.113	0.488 -	7.737	2312061	67.5	k
$	4 o-Terphenyl					M
	4.183	4.159	0.024	578061	12.9	M

QC Flag Legend

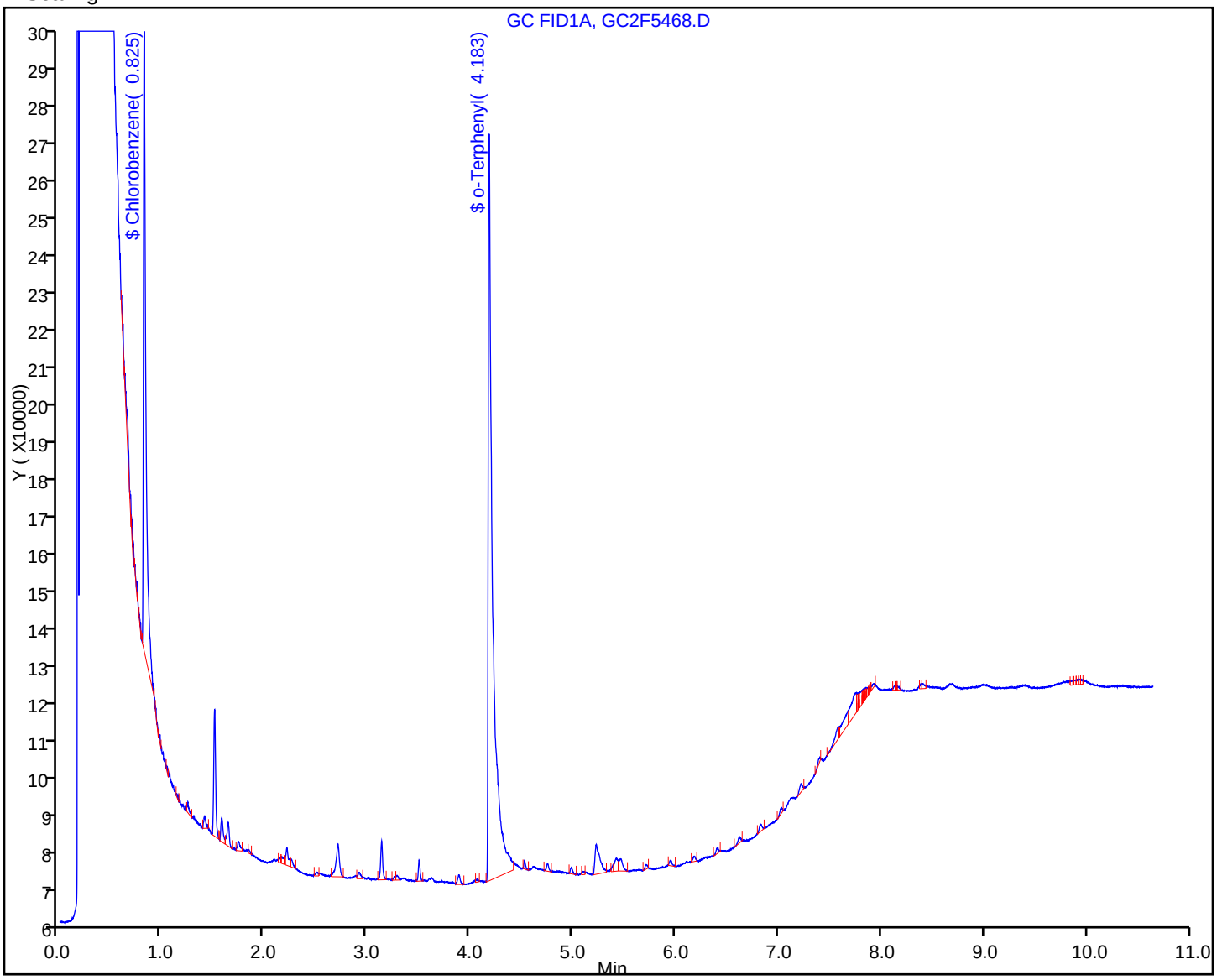
Processing Flags
k - Response Background Subtracted

Review Flags
M - Manually Integrated

Report Date: 19-Sep-2013 14:52:16 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5468.D		
Injection Date:	19-Sep-2013 12:34:06	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-23SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	20
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



Manual Integration/User Assign Peak Report

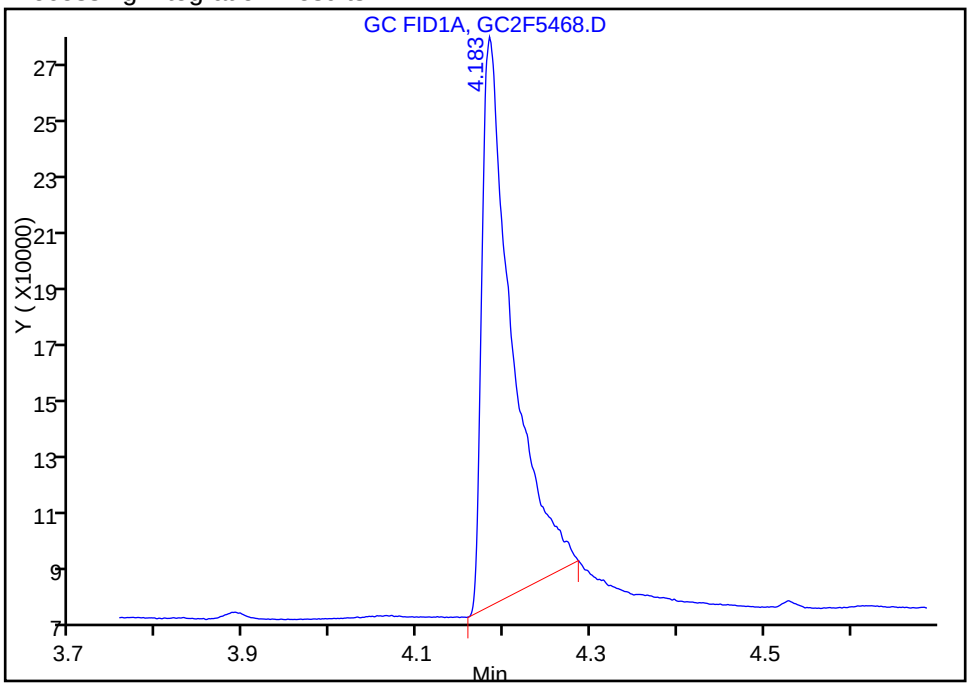
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5468.D		
Injection Date:	19-Sep-2013 12:34:06	Limit Group:	GC 8015 QAM ICAL
Client ID:	PMP-23SE-WT	Instrument ID:	CBNAGC2
Lims Batch ID:	182075	Lims Sample ID:	20
Operator ID:	615	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 4 o-Terphenyl, Signal: 1, Type: quant, RT: 4.16

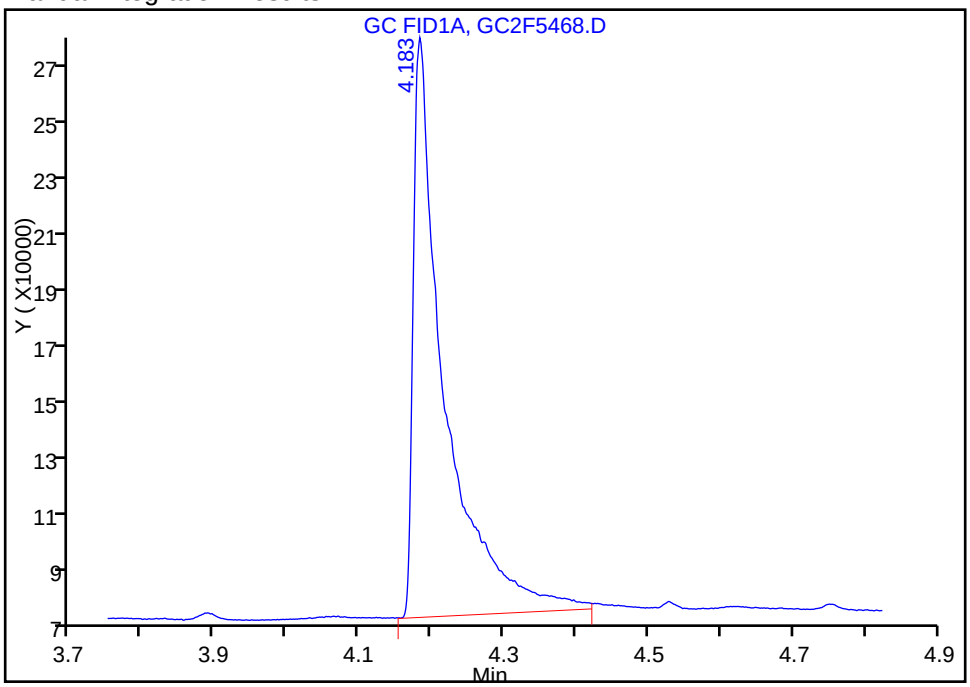
Processing Integration Results

RT: 4.18
Response: 457304
Amount: 10.193102



Manual Integration Results

RT: 4.18
Response: 578061
Amount: 12.884722



Reviewer: kimh, 19-Sep-2013 13:30:45
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: FB-091213 Lab Sample ID: 460-62968-40

Matrix: Water Lab File ID: GC2F5270.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 07:10

Extraction Method: 3510C Date Extracted: 09/16/2013 08:19

Sample wt/vol: 990(mL) Date Analyzed: 09/17/2013 09:41

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	64		51-123
108-90-7	Chlorobenzene	55		42-93

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5270.D		
Lims ID:	460-62968-J-40-A	Client ID:	FB-091213
Inject. Date:	17-Sep-2013 09:41:34	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0004706-007		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	181694	Lims Sample ID:	7
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		

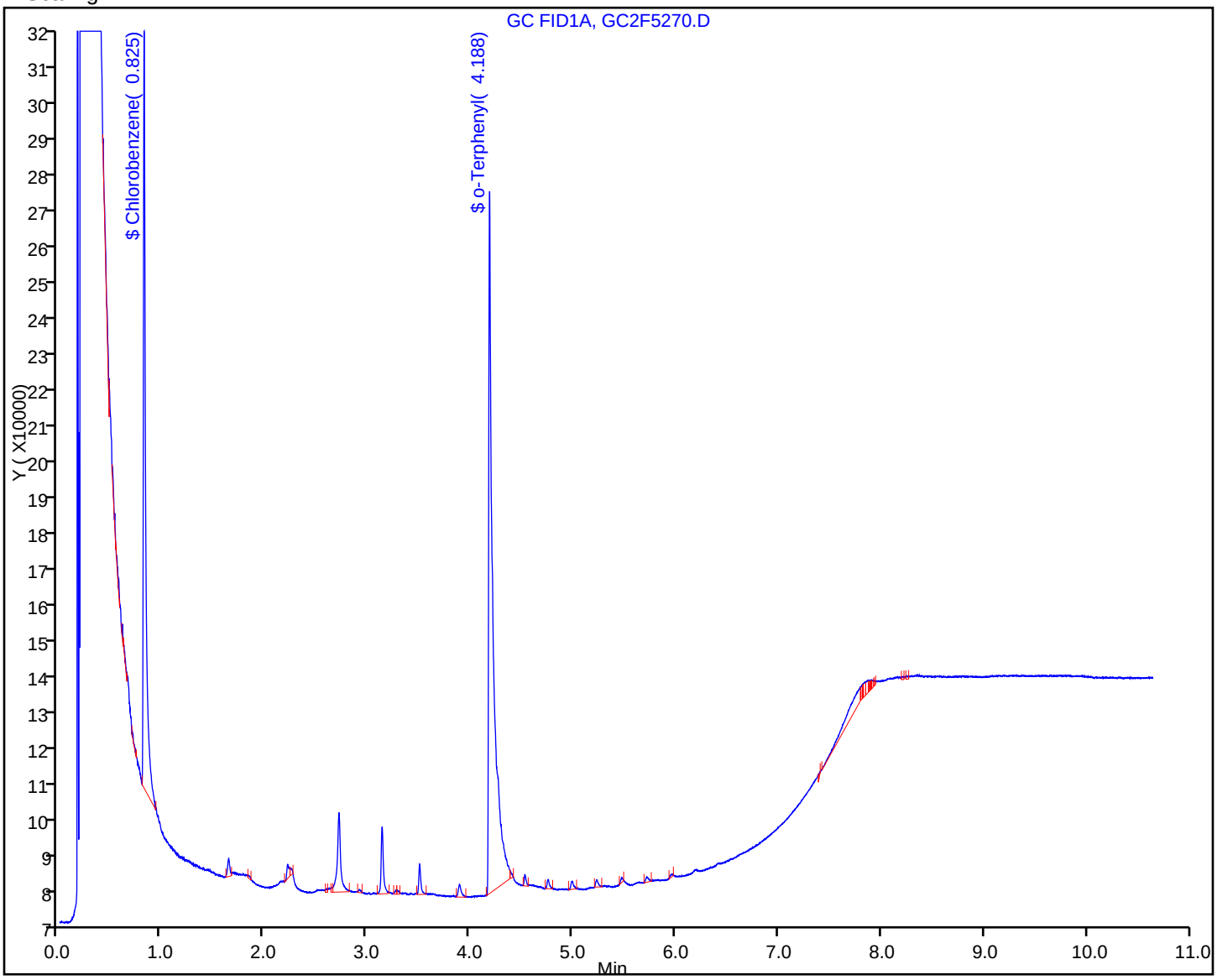
First Level Reviewer: kimh Date: 17-Sep-2013 10:21:10

RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.825	0.824	0.001	326099	10.9	
$ 4 o-Terphenyl					
4.188	4.163	0.025	571652	12.7	

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\GC2F5270.D		
Injection Date:	17-Sep-2013 09:41:34	Limit Group:	GC 8015 QAM ICAL
Client ID:	FB-091213	Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	7
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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1 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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181694/20 Calibration Date: 09/17/2013 12:53

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: GC2F5283.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	37776		2270	2060	10.2	15.0
Chlorobenzene	Ave	29870	30306		6.34	6.25	1.5	15.0
o-Terphenyl	Ave	44864	46136		6.43	6.25	2.8	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181694/20 Calibration Date: 09/17/2013 12:53

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: GC2F5283.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.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181694/31 Calibration Date: 09/17/2013 15:34

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: GC2F5294.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	36214		2170	2060	5.7	15.0
Chlorobenzene	Ave	29870	30050		6.29	6.25	0.6	15.0
o-Terphenyl	Ave	44864	46344		6.46	6.25	3.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181694/31 Calibration Date: 09/17/2013 15:34

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: GC2F5294.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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181947/3 Calibration Date: 09/18/2013 10:22

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: GC2F5367.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	33804		2030	2060	-1.4	15.0
Chlorobenzene	Ave	29870	26883		5.63	6.25	-10.0	15.0
o-Terphenyl	Ave	44864	43091		6.00	6.25	-4.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181947/3 Calibration Date: 09/18/2013 10:22

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: GC2F5367.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.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181947/13 Calibration Date: 09/18/2013 13:04

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: GC2F5377.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	33557		2010	2060	-2.1	15.0
Chlorobenzene	Ave	29870	30488		6.38	6.25	2.1	15.0
o-Terphenyl	Ave	44864	44412		6.19	6.25	-1.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Lab Sample ID: CCV 460-181947/13 Calibration Date: 09/18/2013 13:04

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: GC2F5377.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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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.: 460-62968-1

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

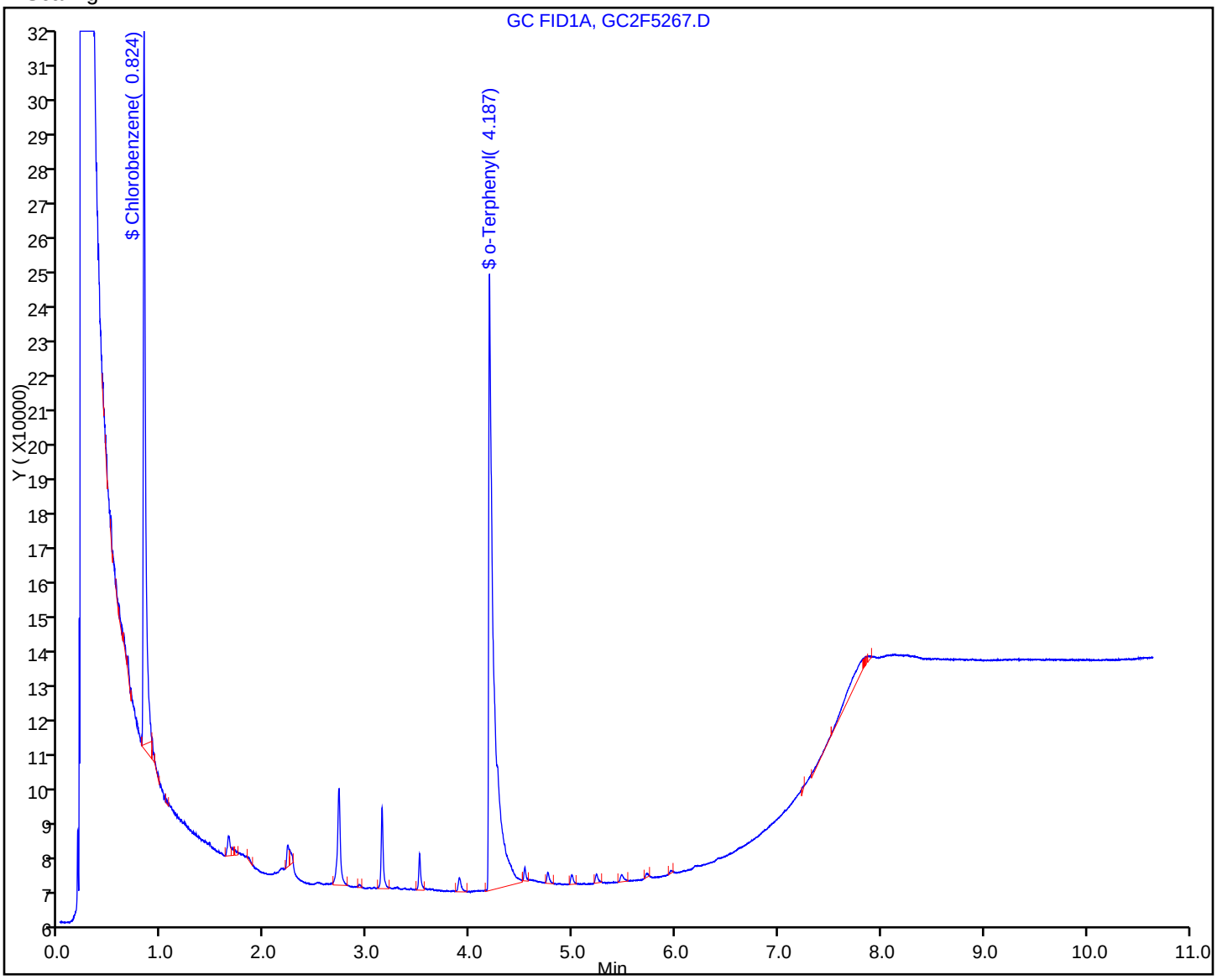
QC Flag Legend

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

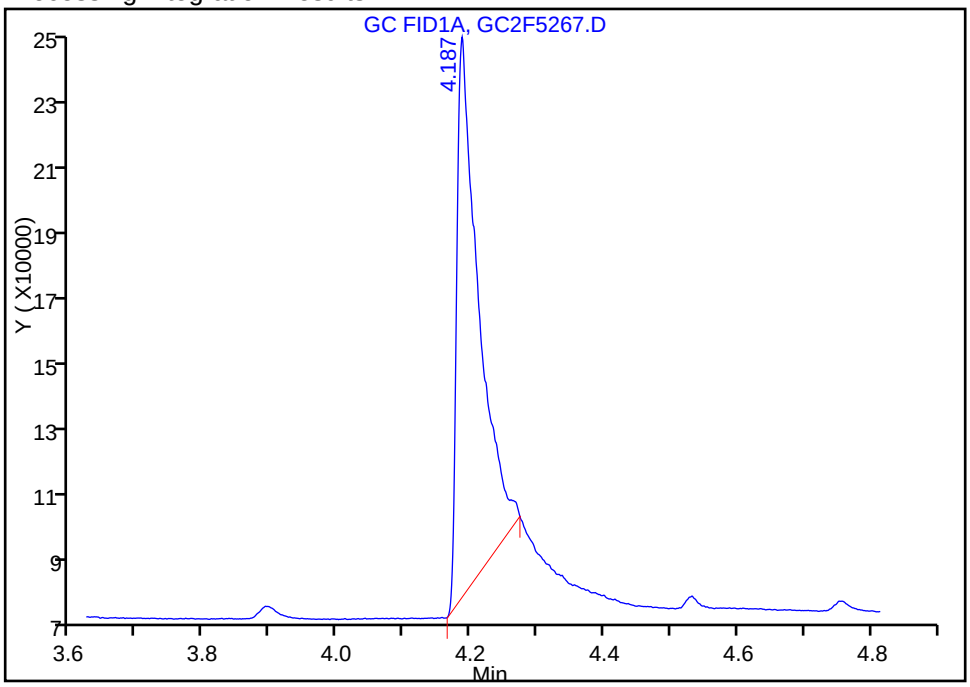
TestAmerica Edison

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

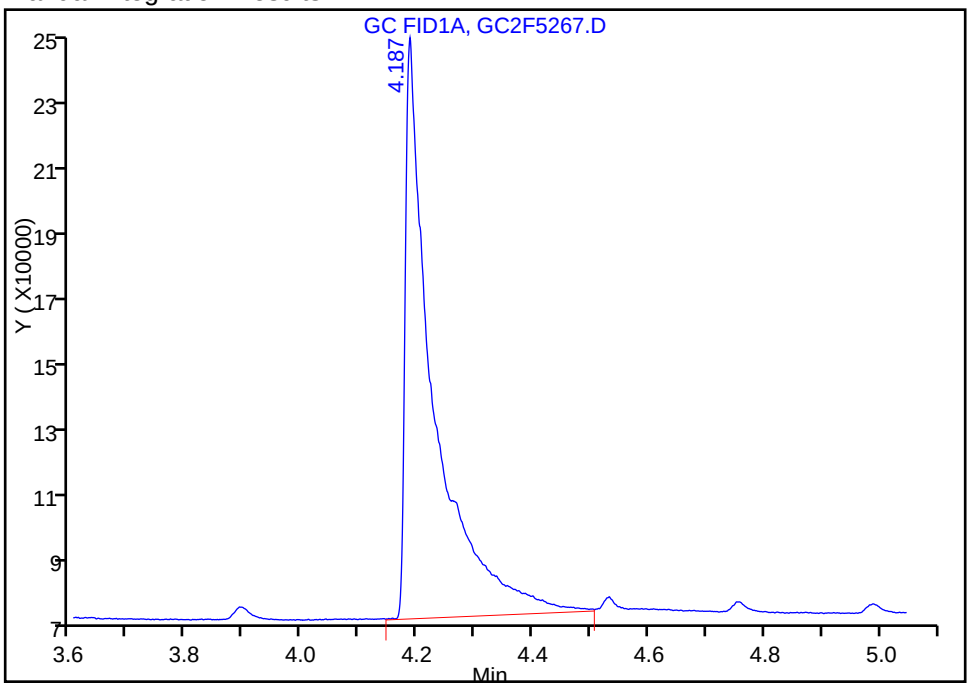
Processing Integration Results

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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-181552/1-A

Matrix: Solid Lab File ID: GC2F5274.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/16/2013 12:54

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 10:40

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	73		50-105
108-90-7	Chlorobenzene	58		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5274.D		
Lims ID:	MB 460-181552/1-A	Client ID:	
Inject. Date:	17-Sep-2013 10:40:27	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0004706-011		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	181694	Lims Sample ID:	11
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:21:35	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		

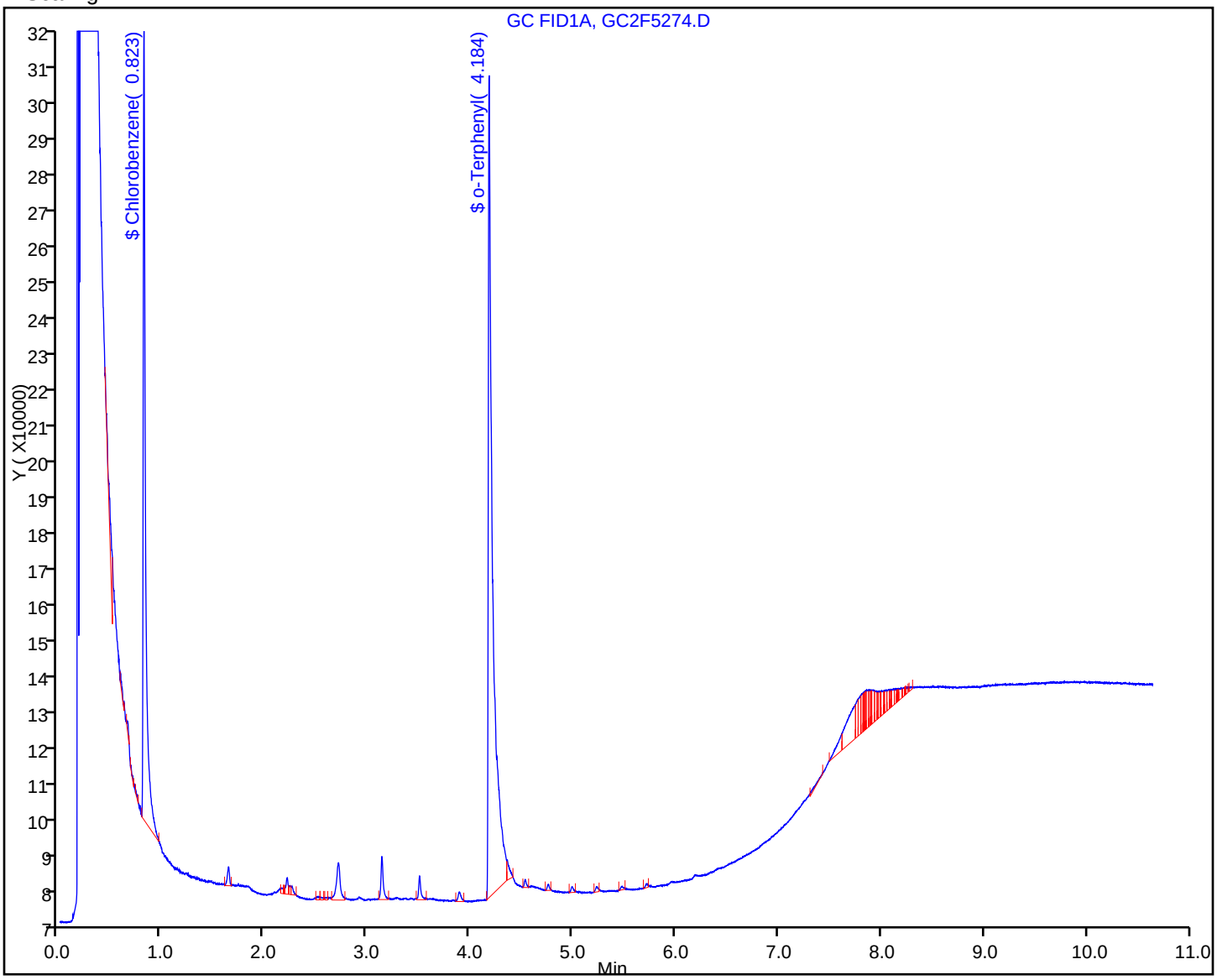
First Level Reviewer: kimh Date: 17-Sep-2013 11:24:26

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.823	0.824	-0.001	348925	11.7	
$	4 o-Terphenyl					
	4.184	4.163	0.021	659497	14.7	

Report Date: 19-Sep-2013 08:21:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5274.D		
Injection Date:	17-Sep-2013 10:40:27	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	11
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.: 460-62968-1

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

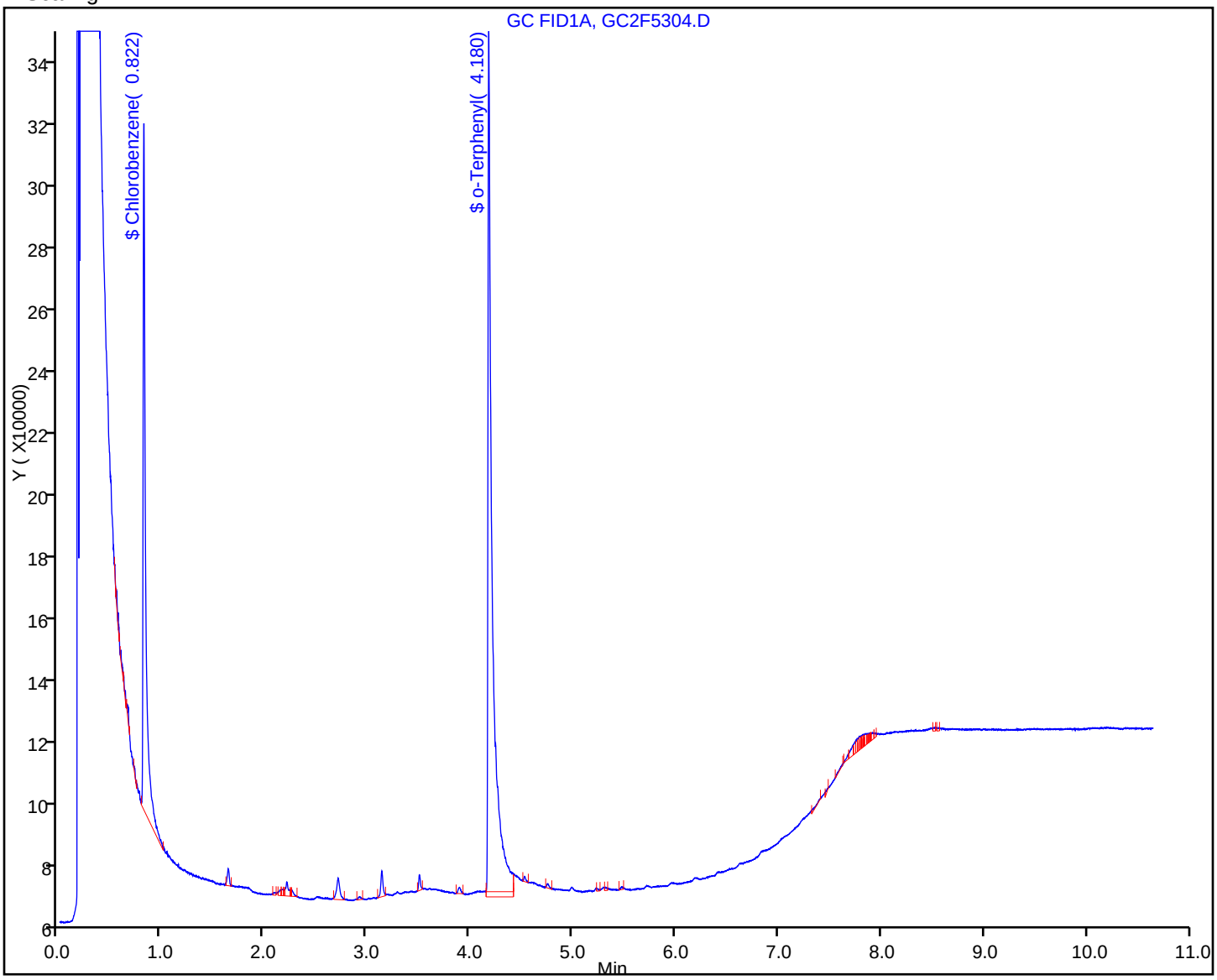
QC Flag Legend

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

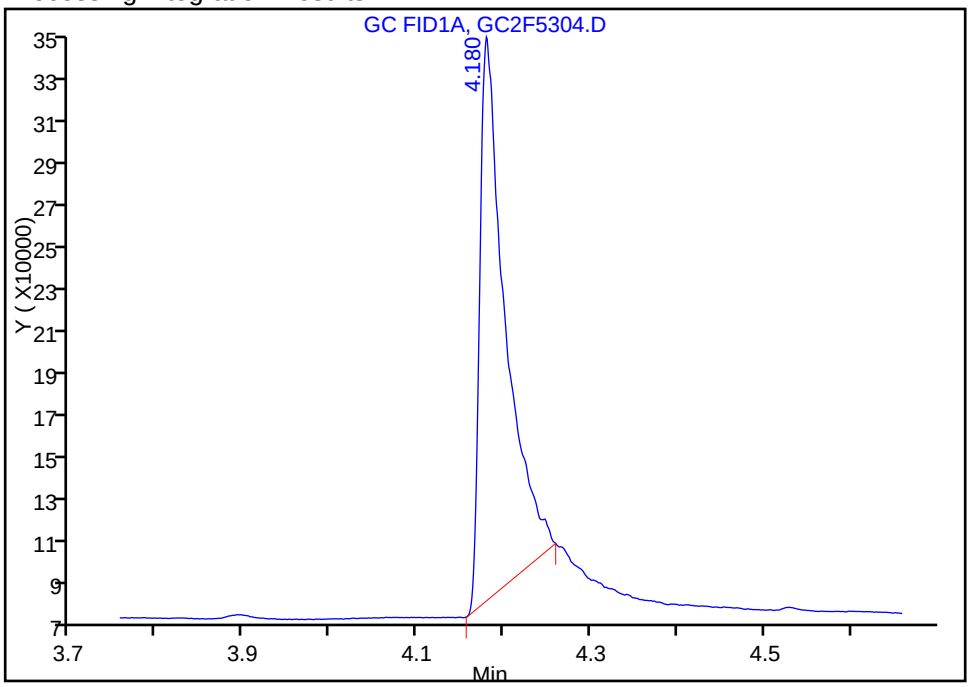
TestAmerica Edison

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

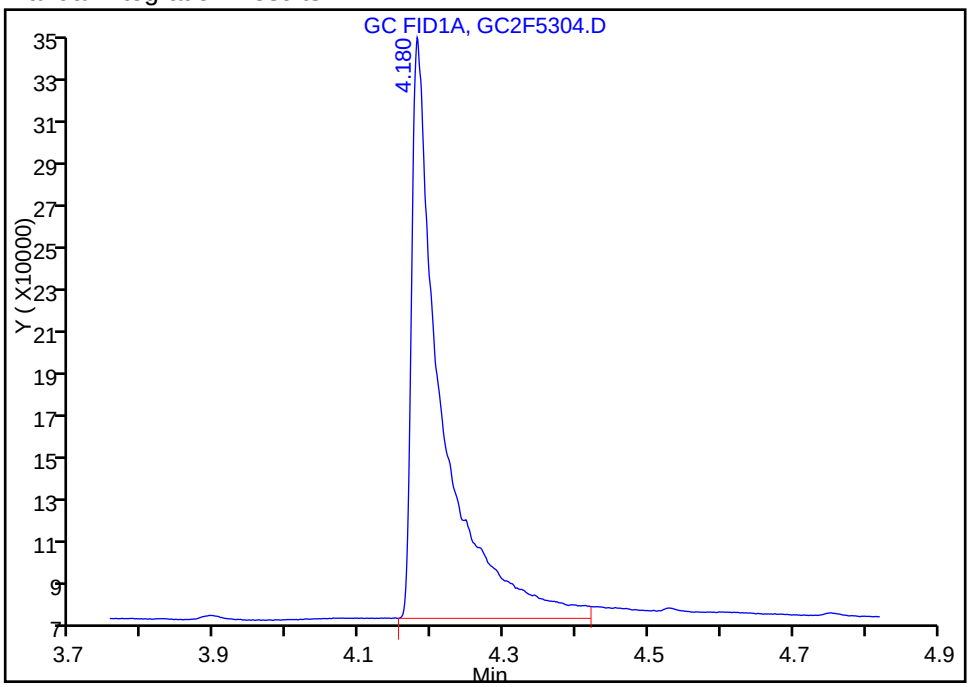
Processing Integration Results

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

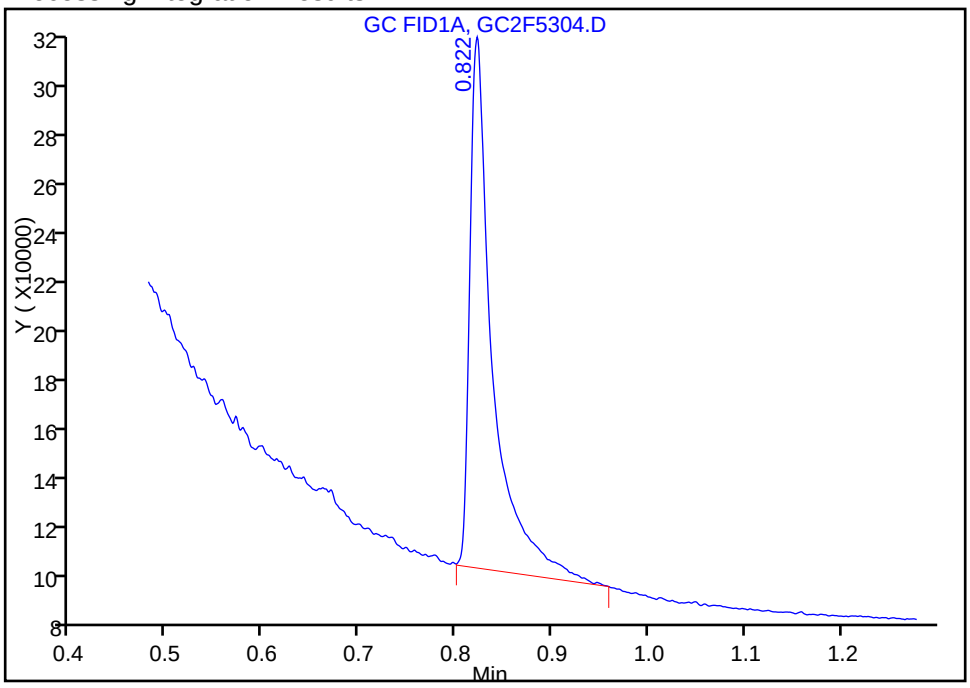
TestAmerica Edison

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

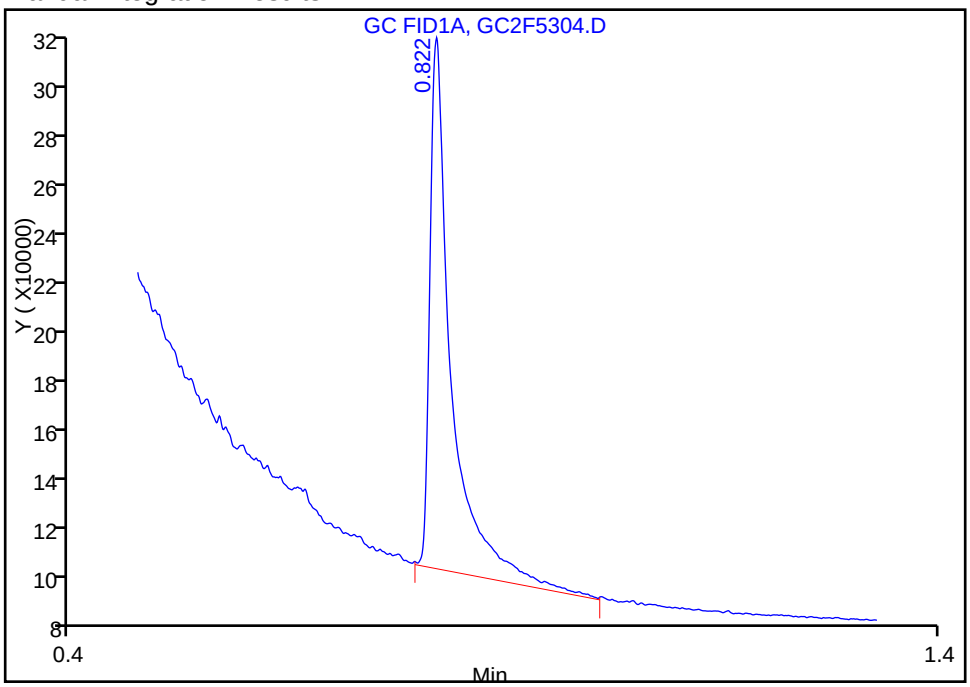
Processing Integration Results

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.: 460-62968-1

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

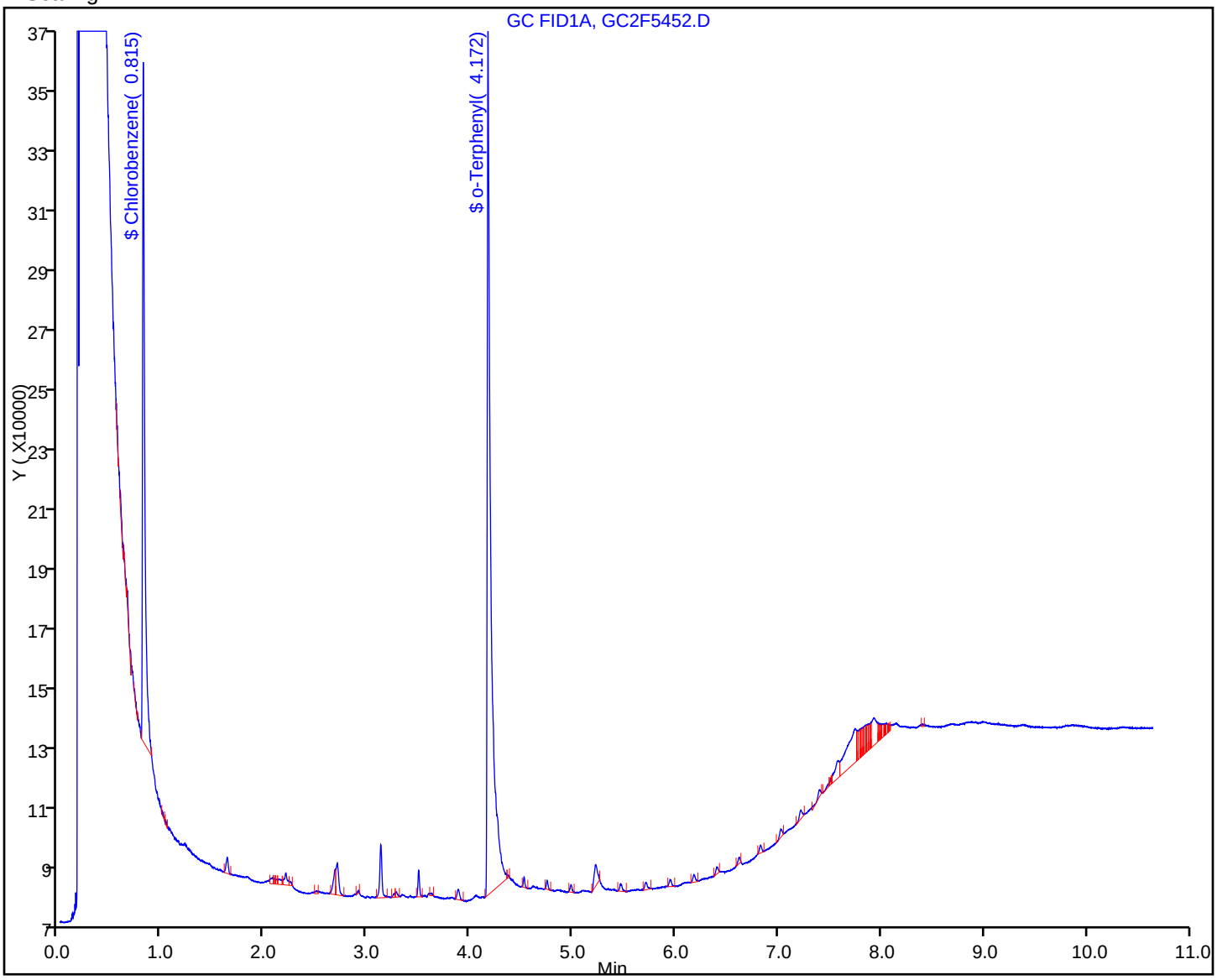
Data File:	\\EDICHROM\ChromData\CBNAGC2\20130919-4792.b\GC2F5452.D		
Lims ID:	MB 460-181994/1-A	Client ID:	
Inject. Date:	19-Sep-2013 08:01:38	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0004792-004		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims 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.: 460-62968-1

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

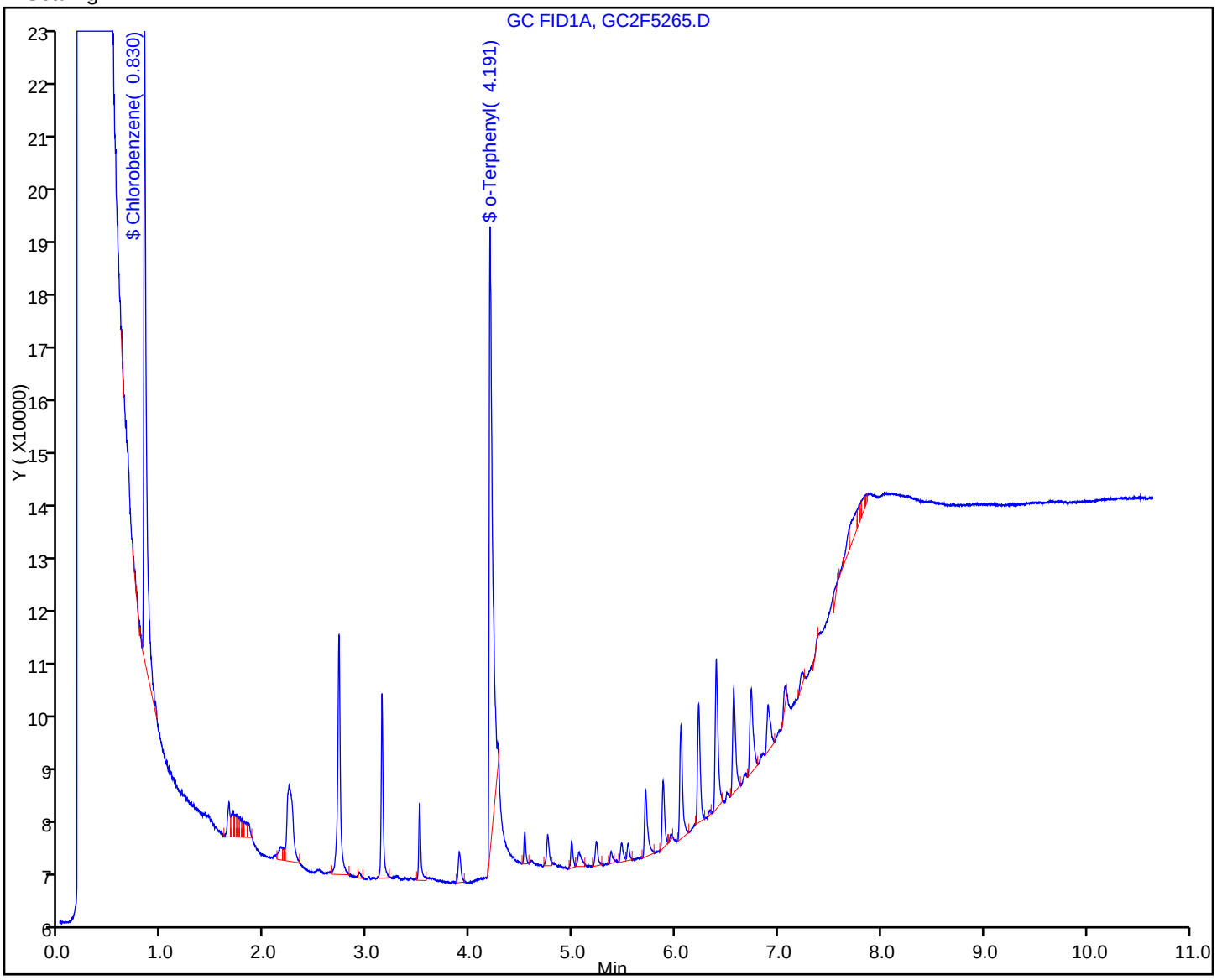
Report Date: 19-Sep-2013 08:21:28 Chrom Revision: 2.1 25-Jul-2013 20:19:50

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.: 460-62968-1

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

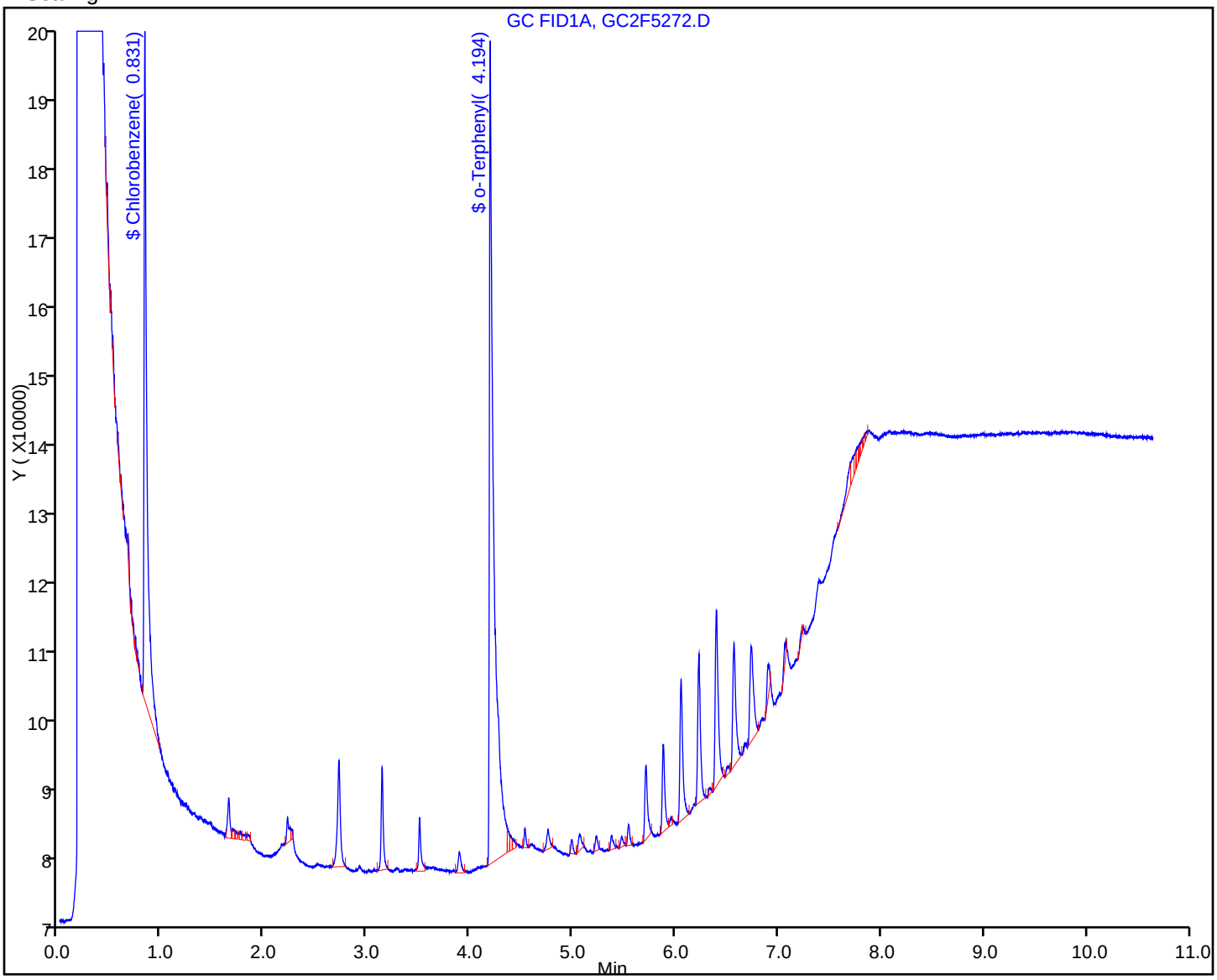
Report Date: 19-Sep-2013 08:21:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-181694/19

Matrix: Water Lab File ID: GC2F5282.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/17/2013 12:38

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)	62.2		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	96		51-123
108-90-7	Chlorobenzene	99		42-93

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5282.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	17-Sep-2013 12:38:12	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	460-0004706-019		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	181694	Lims Sample ID:	19
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:21:35	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					
	0.829	0.824	0.005	183987	6.16	
A	3 C8-C40					
	4.119	0.491 -	7.746	2132410	62.2	k
$	4 o-Terphenyl					
	4.191	4.163	0.028	267620	5.97	

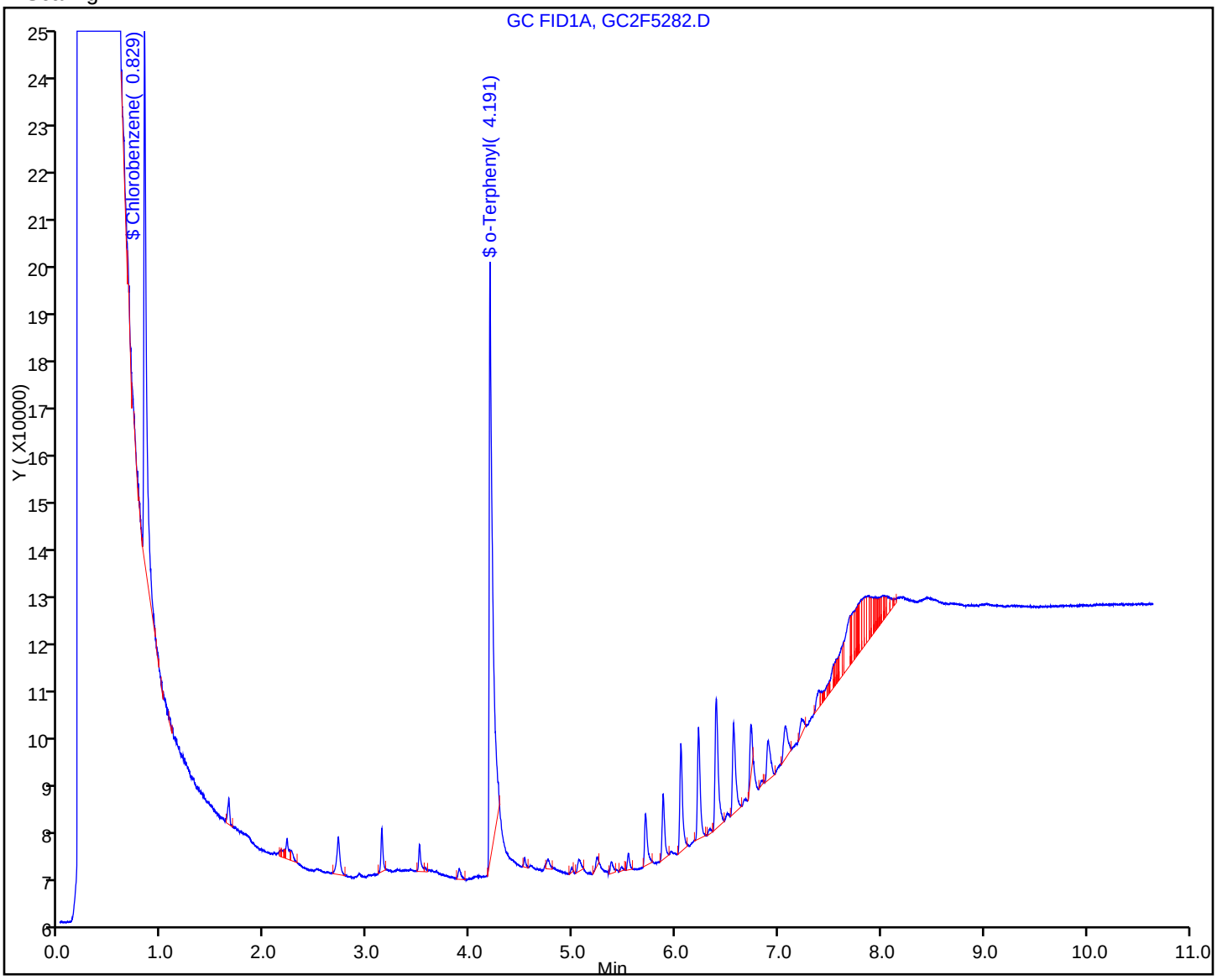
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:21:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5282.D		
Injection Date:	17-Sep-2013 12:38:12	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	19
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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-181694/30

Matrix: Solid Lab File ID: GC2F5293.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/17/2013 15:20

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)	46.1		0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	103		50-105
108-90-7	Chlorobenzene	101		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5293.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	17-Sep-2013 15:20:06	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	460-0004706-030		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	181694	Lims Sample ID:	30
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:21:46	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					
	0.828	0.824	0.004	187537	6.28	
A	3 C8-C40					
	4.119	0.491 -	7.746	1580492	46.1	k
$	4 o-Terphenyl					
	4.182	4.163	0.019	286382	6.38	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

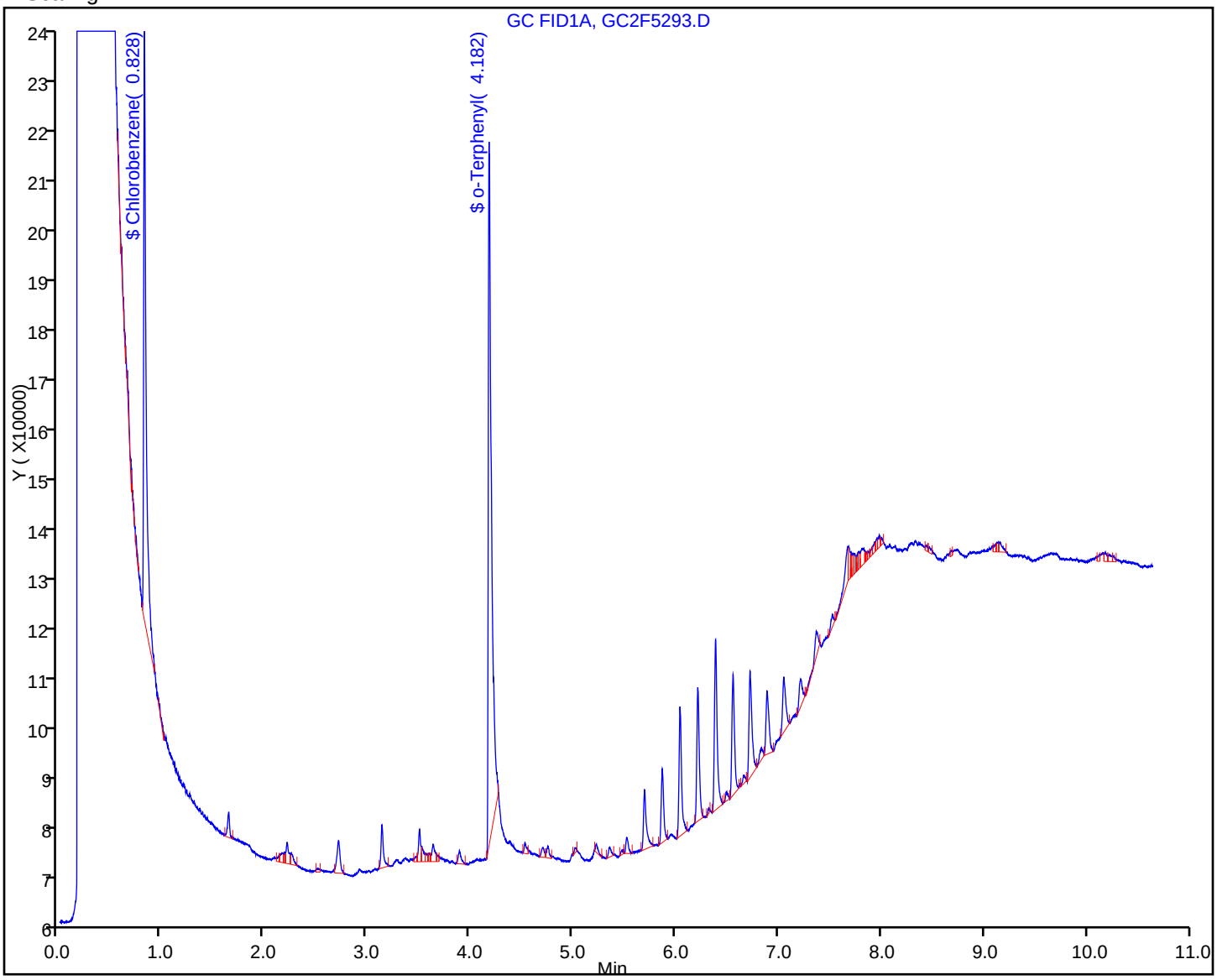
Report Date: 19-Sep-2013 08:21:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5293.D

Injection Date:	17-Sep-2013 15:20:06	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	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.: 460-62968-1

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

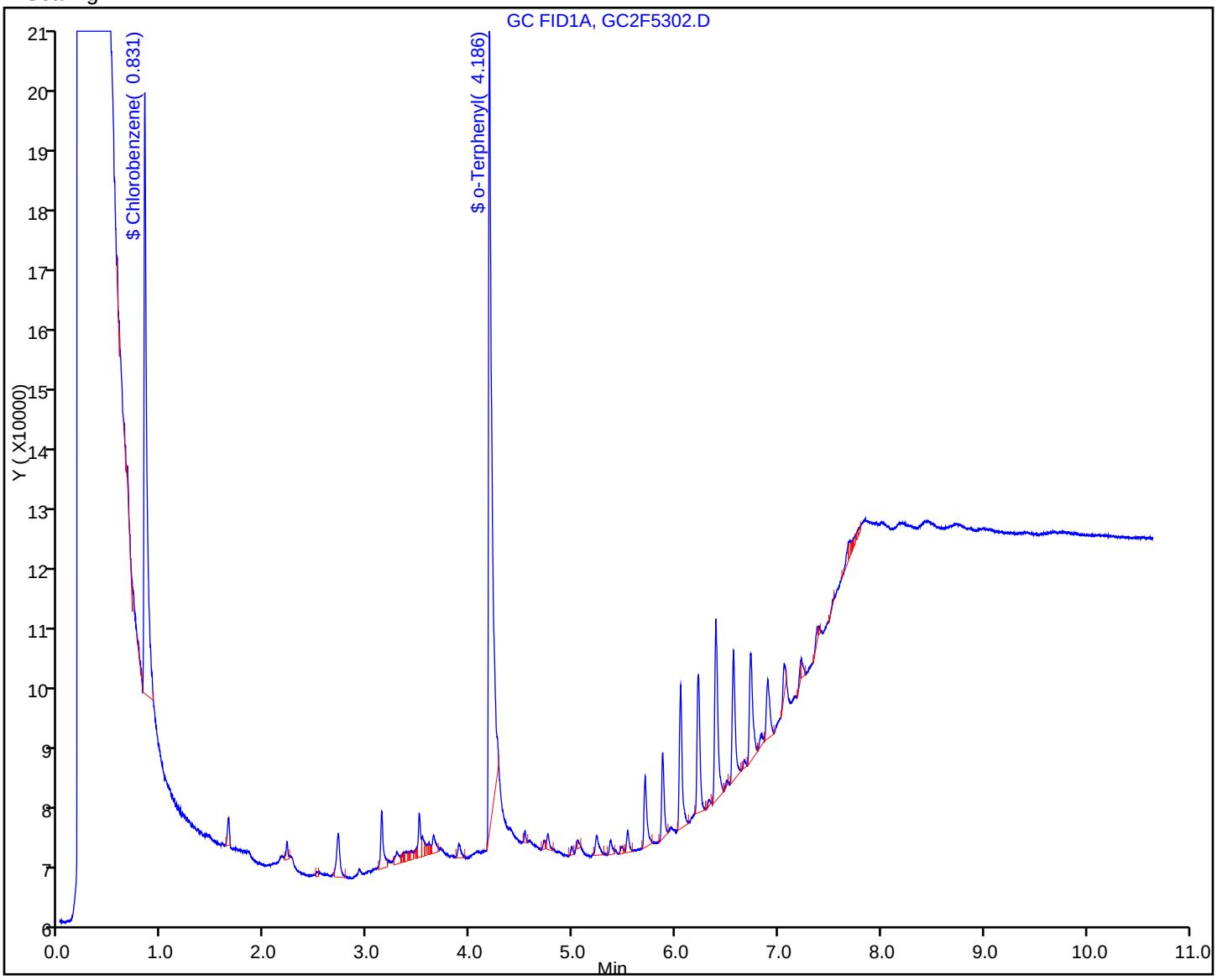
Report Date: 19-Sep-2013 08:22:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

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.: 460-62968-1

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	

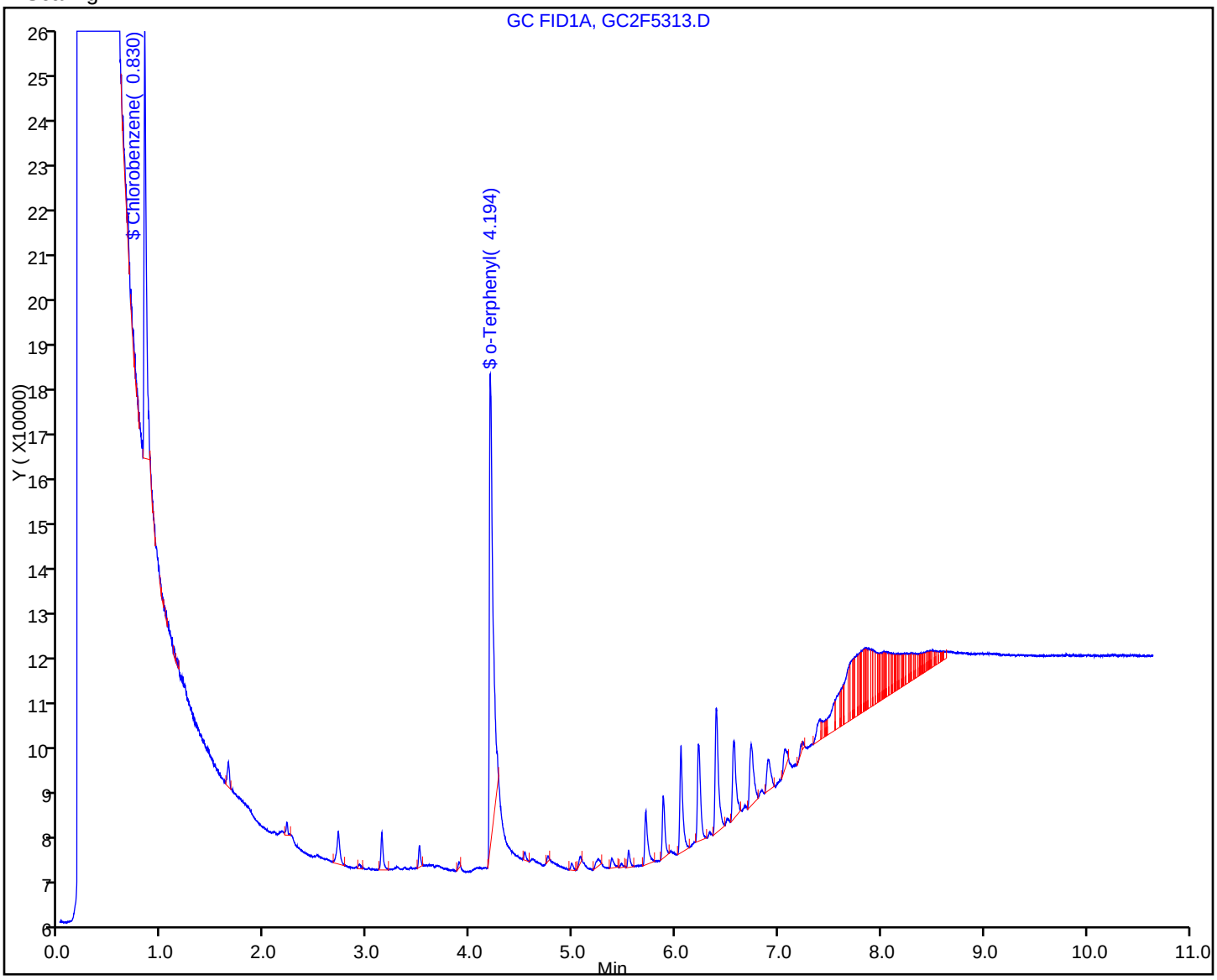
QC Flag Legend

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.: 460-62968-1

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

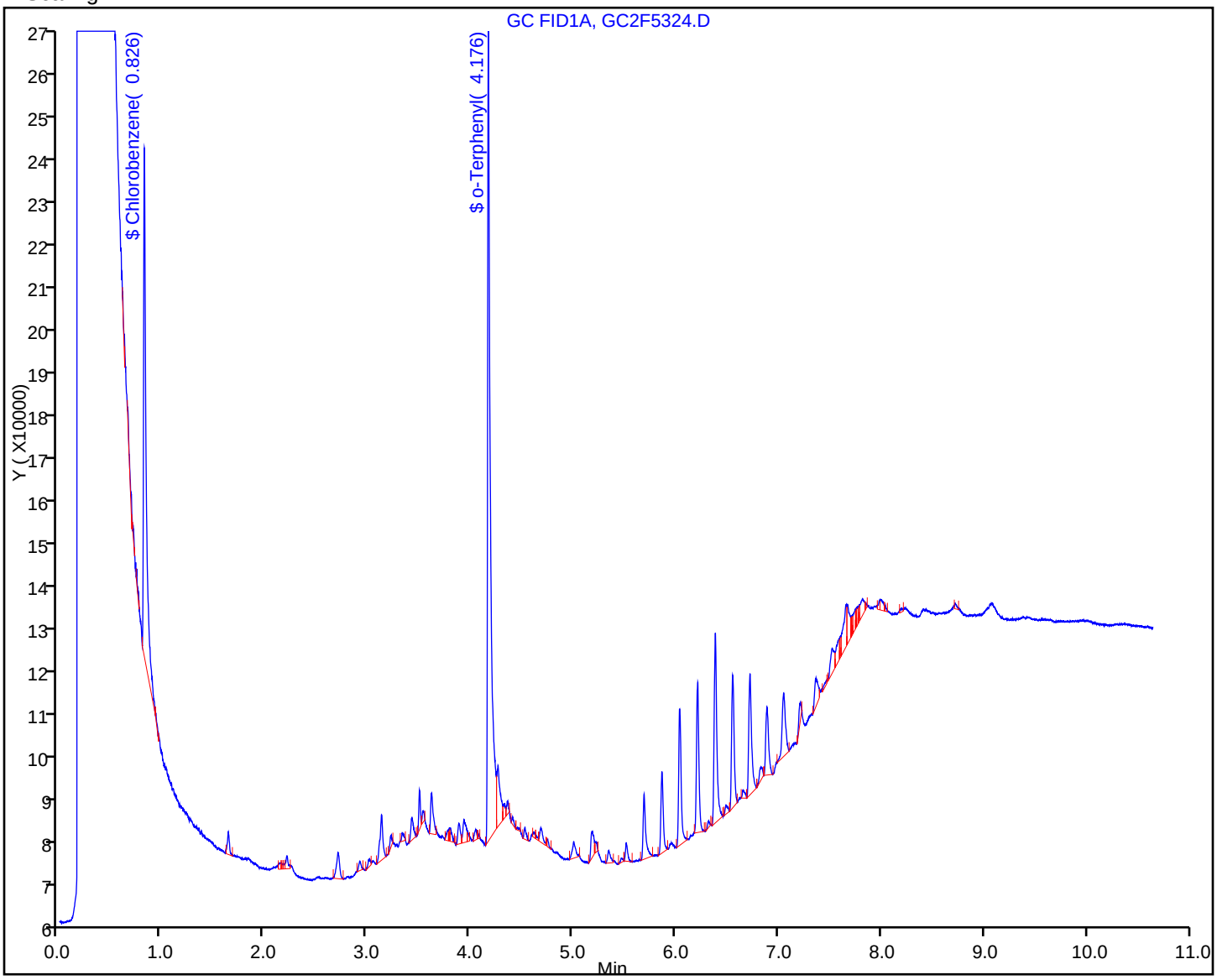
Report Date: 19-Sep-2013 08:22:35 Chrom Revision: 2.1 25-Jul-2013 20:19:50

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.: 460-62968-1

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	

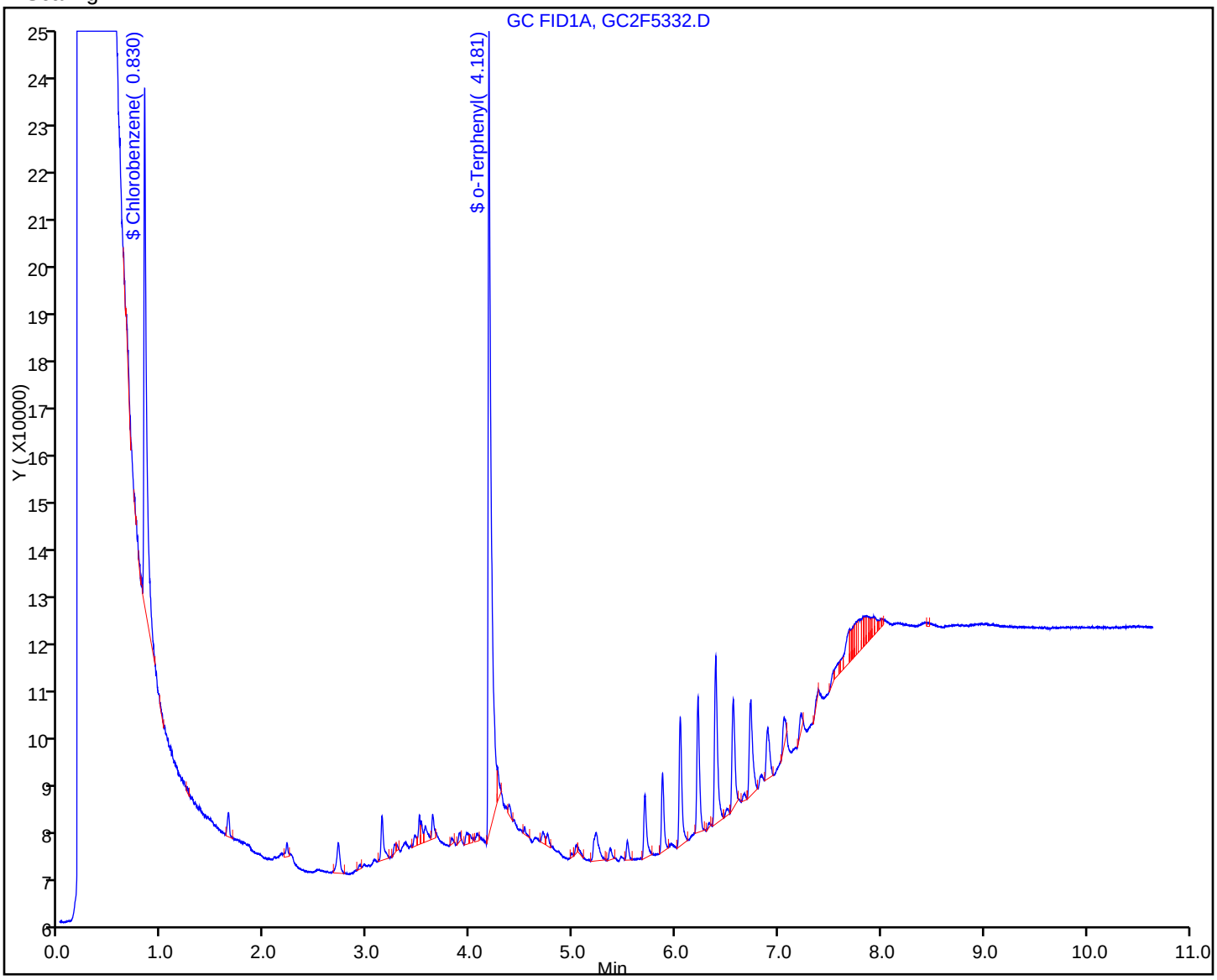
QC Flag Legend

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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-181947/2

Matrix: Solid Lab File ID: GC2F5366.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/18/2013 10:07

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	95		50-105
108-90-7	Chlorobenzene	84		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5366.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	18-Sep-2013 10:07:50	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	460-0004767-002		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	181947	Lims Sample ID:	2
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\QAM2F.m		
Last Update:	19-Sep-2013 08:24:31	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	154910	5.19	
A	3 C8-C40					
	4.119	0.490 -	7.743	-1260253	-36.8	k
$	4 o-Terphenyl					
	4.175	4.159	0.016	262900	5.86	

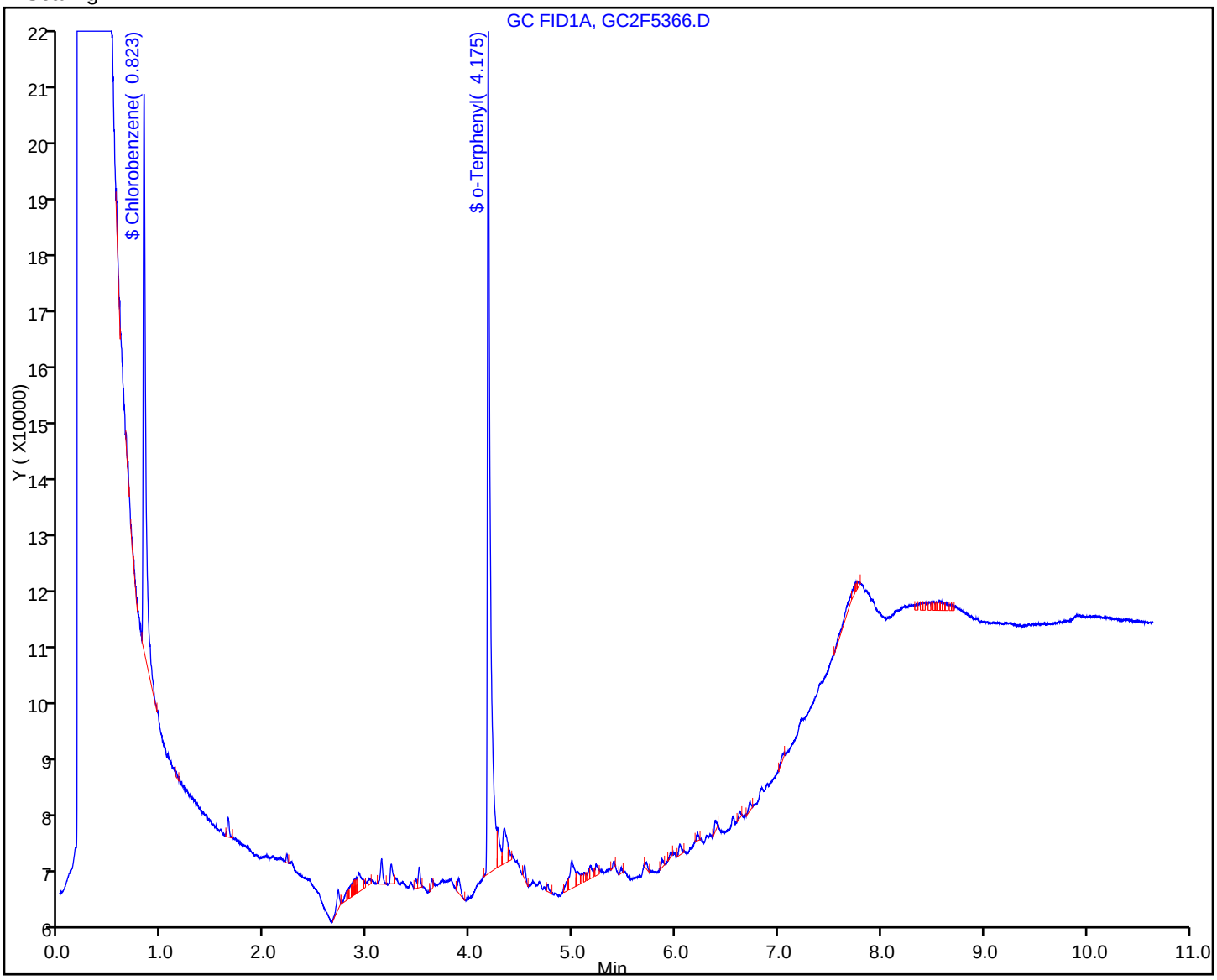
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:24:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5366.D		
Injection Date:	18-Sep-2013 10:07:50	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181947	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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-181947/12

Matrix: Solid Lab File ID: GC2F5376.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 09/18/2013 12:35

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	98		50-105
108-90-7	Chlorobenzene	77		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5376.D		
Lims ID:	piblk	Client ID:	
Inject. Date:	18-Sep-2013 12:35:04	Dil. Factor:	1.0000
Sample Type:	PIBLK		
Sample ID:	460-0004767-012		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	181947	Lims Sample ID:	12
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 08:44:25

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.824	0.819	0.005	142141	4.76	
A	3 C8-C40					
	4.116	0.490 -	7.743	-1056581	-30.8	k
$	4 o-Terphenyl					
	4.187	4.159	0.028	272690	6.08	

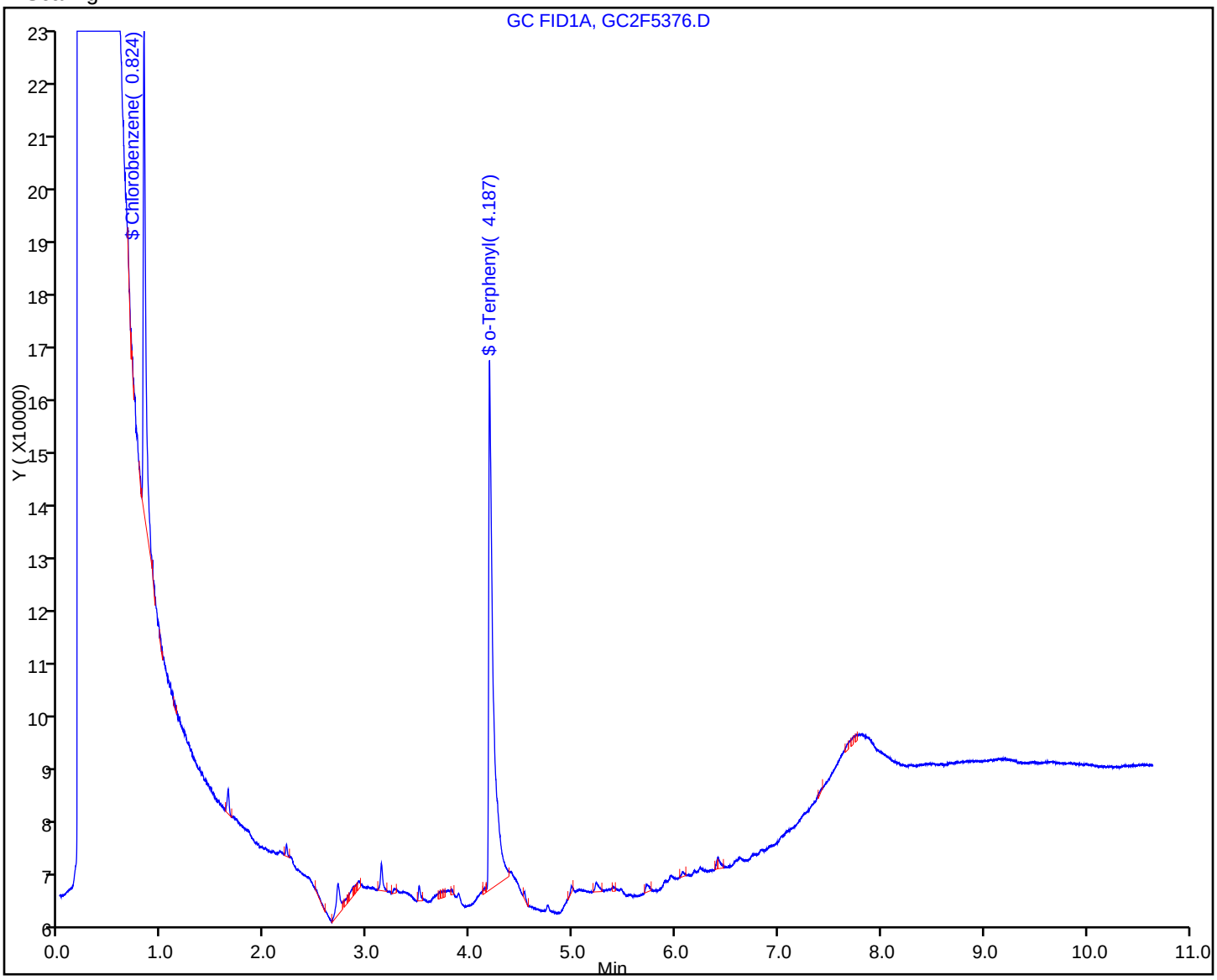
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 19-Sep-2013 08:45:07 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130918-4767.b\GC2F5376.D		
Injection Date:	18-Sep-2013 12:35:04	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181947	Lims Sample ID:	12
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.: 460-62968-1

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

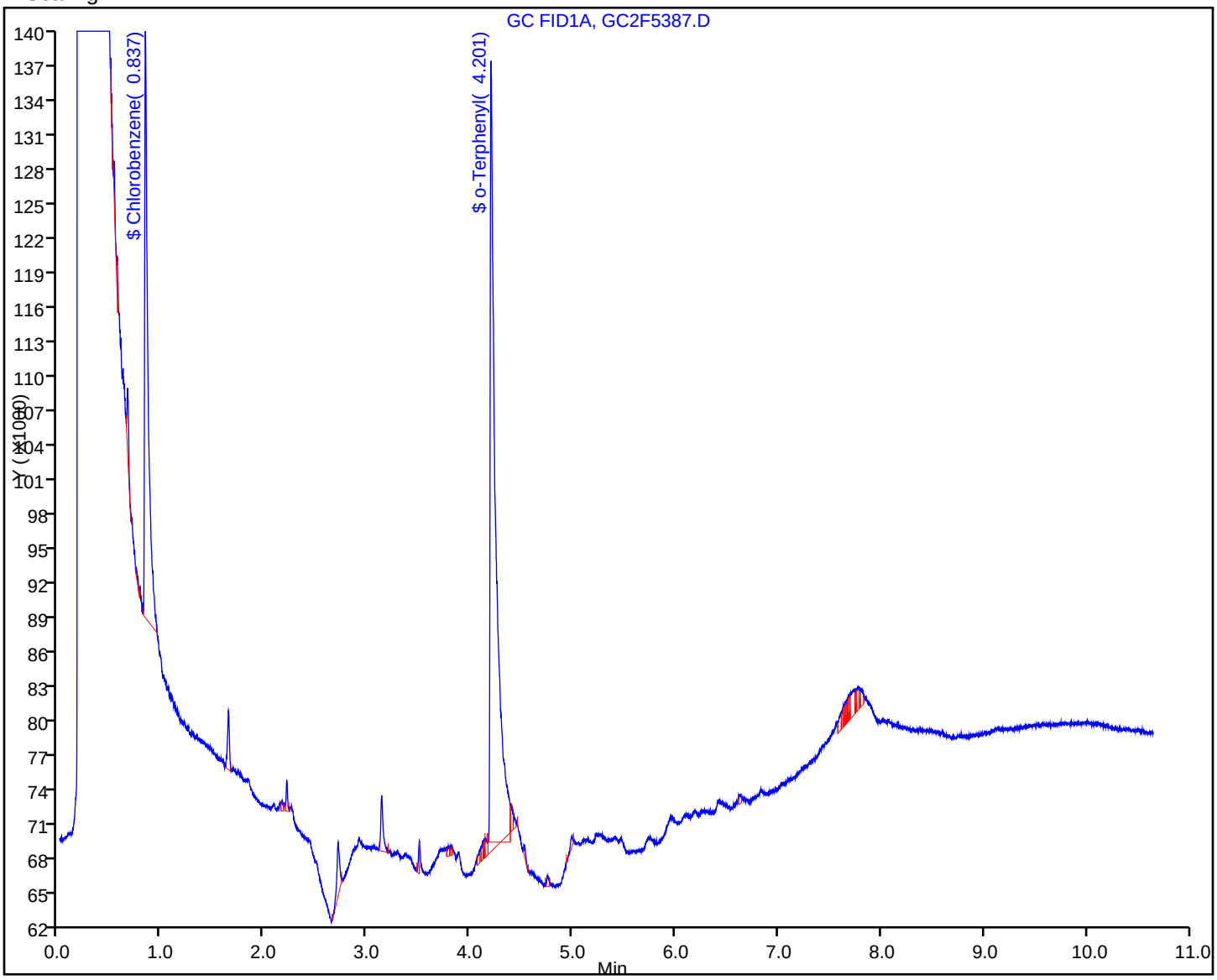
Report Date: 19-Sep-2013 08:45:08 Chrom Revision: 2.1 25-Jul-2013 20:19:50

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.: 460-62968-1

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

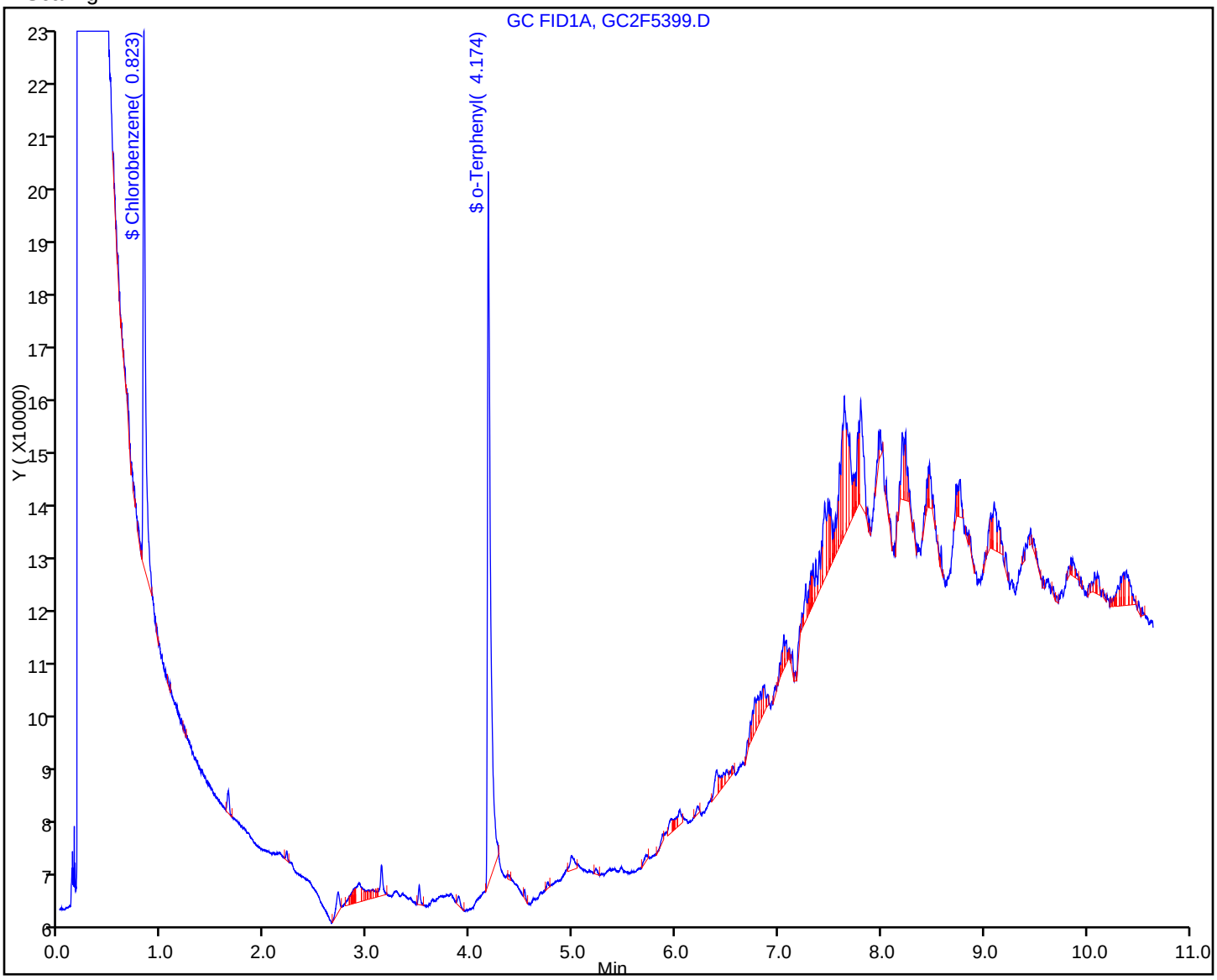
Report Date: 19-Sep-2013 08:25:04 Chrom Revision: 2.1 25-Jul-2013 20:19:50

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.: 460-62968-1

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	

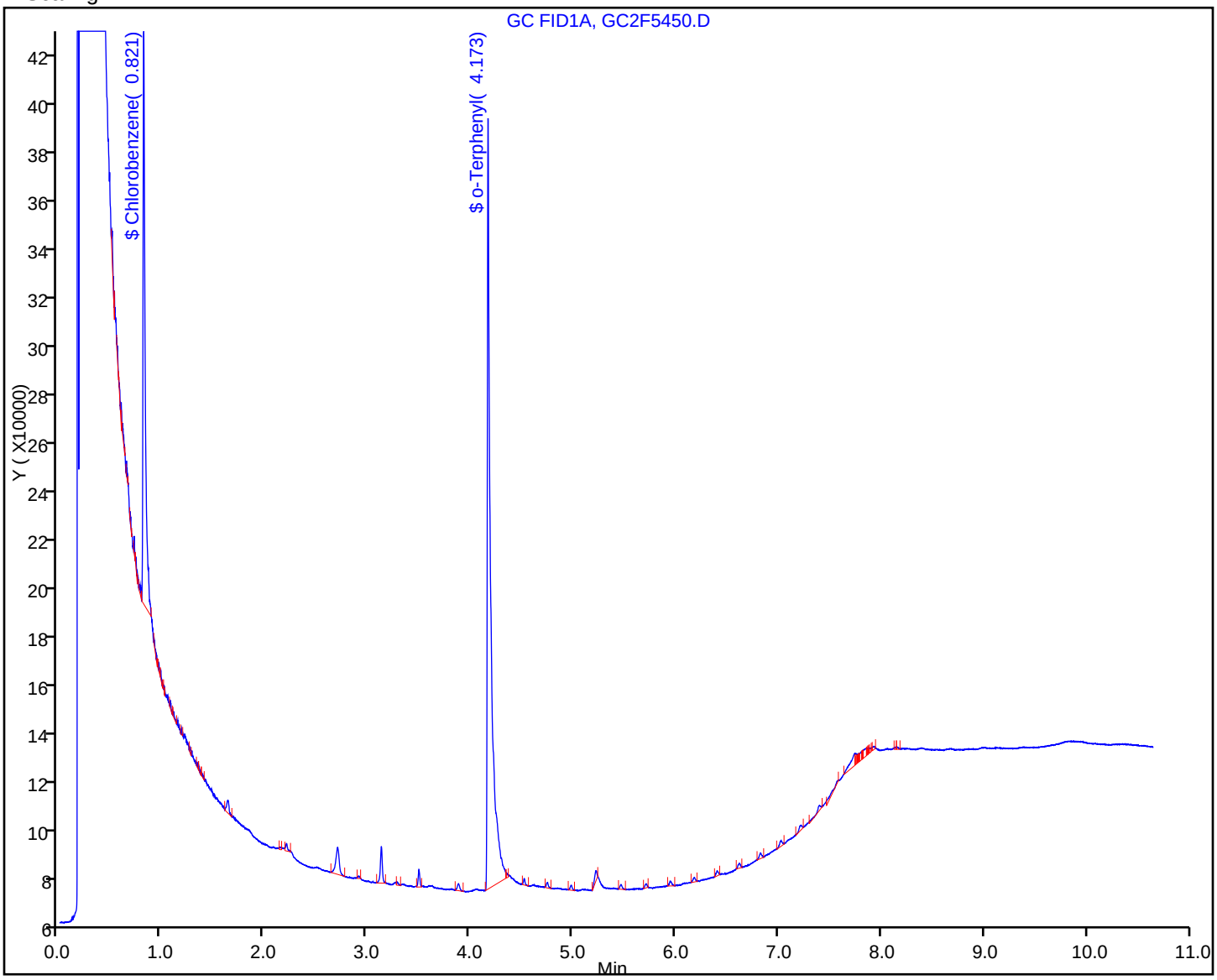
QC Flag Legend

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.: 460-62968-1

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	

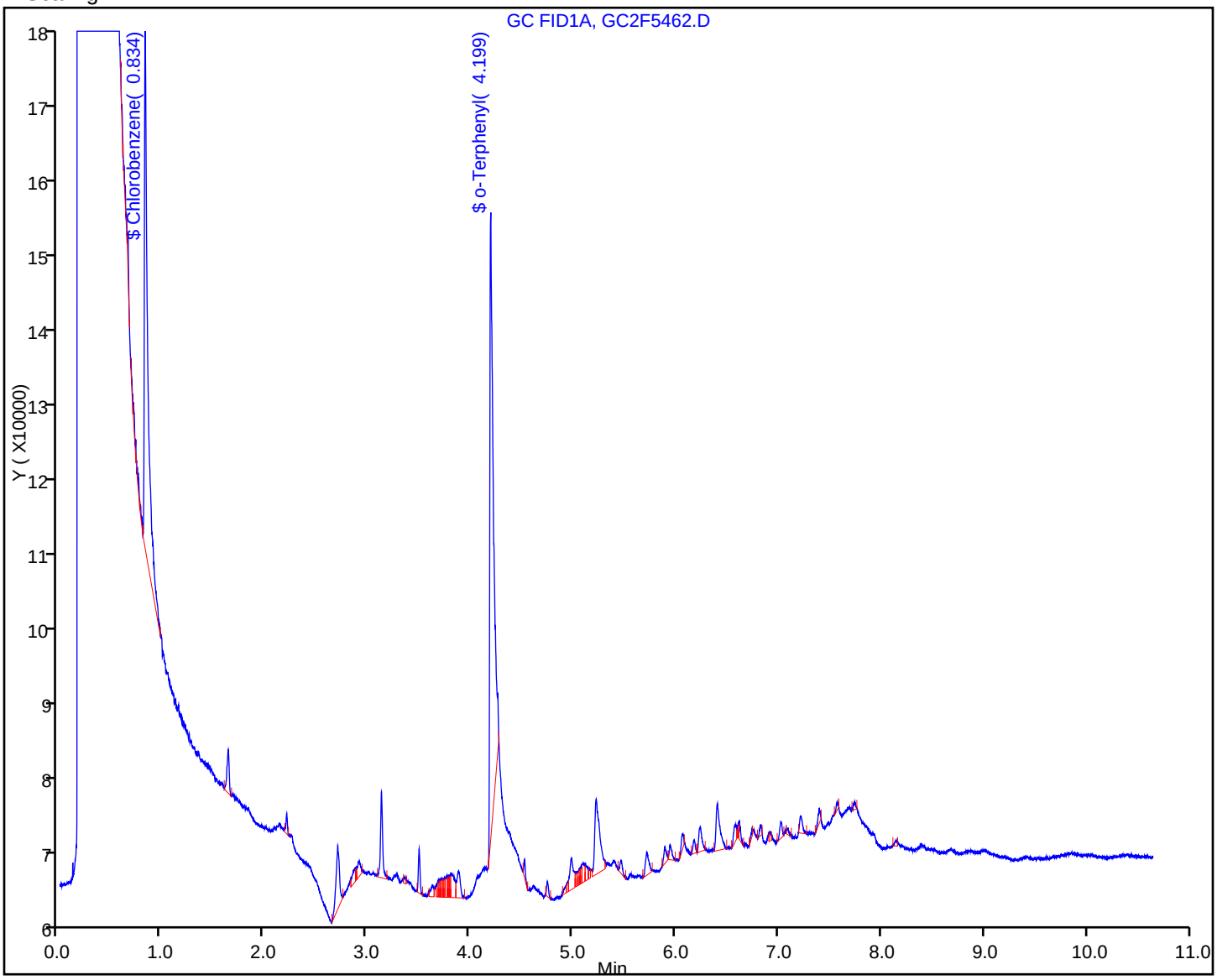
QC Flag Legend

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.: 460-62968-1

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	

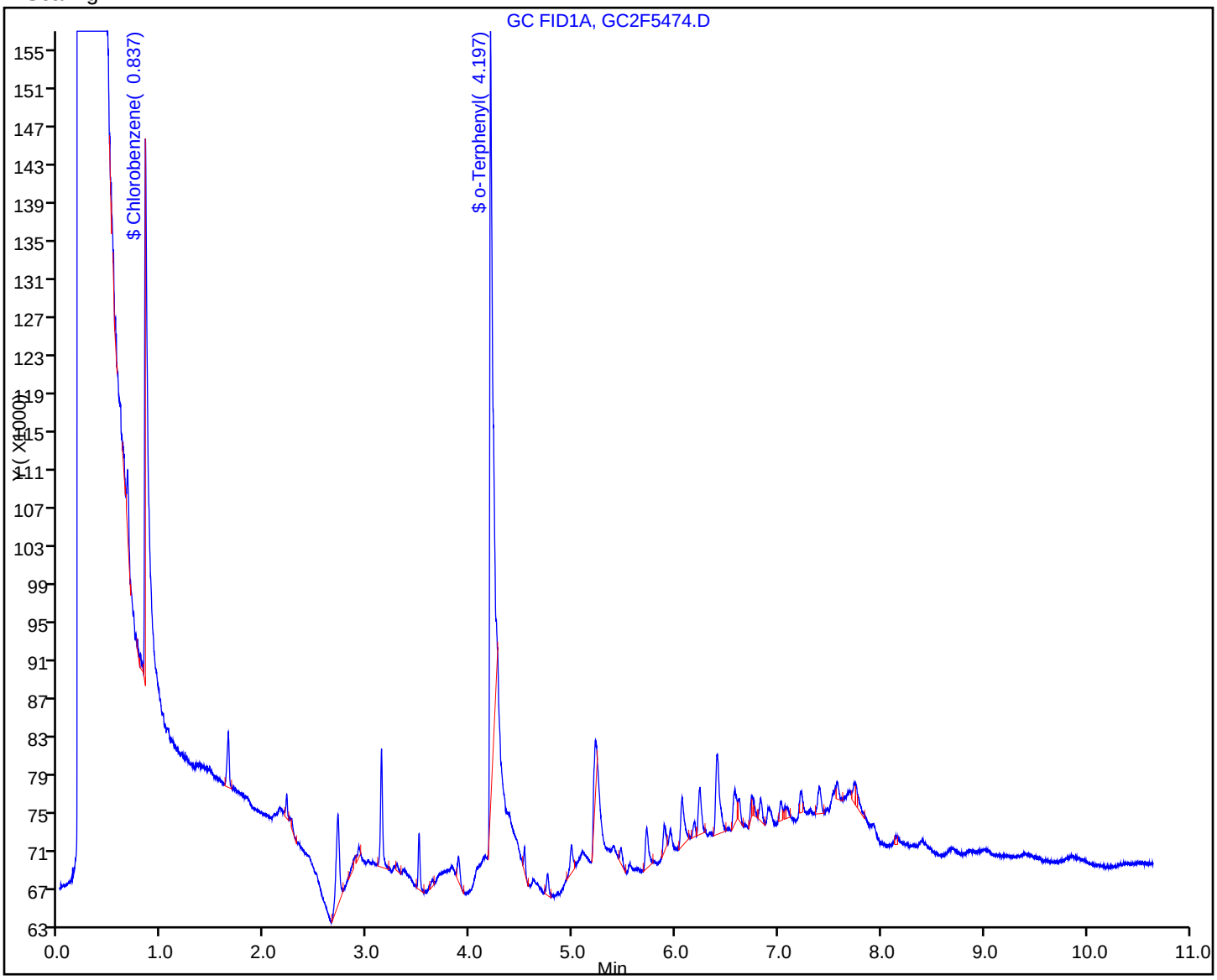
QC Flag Legend

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.: 460-62968-1

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	

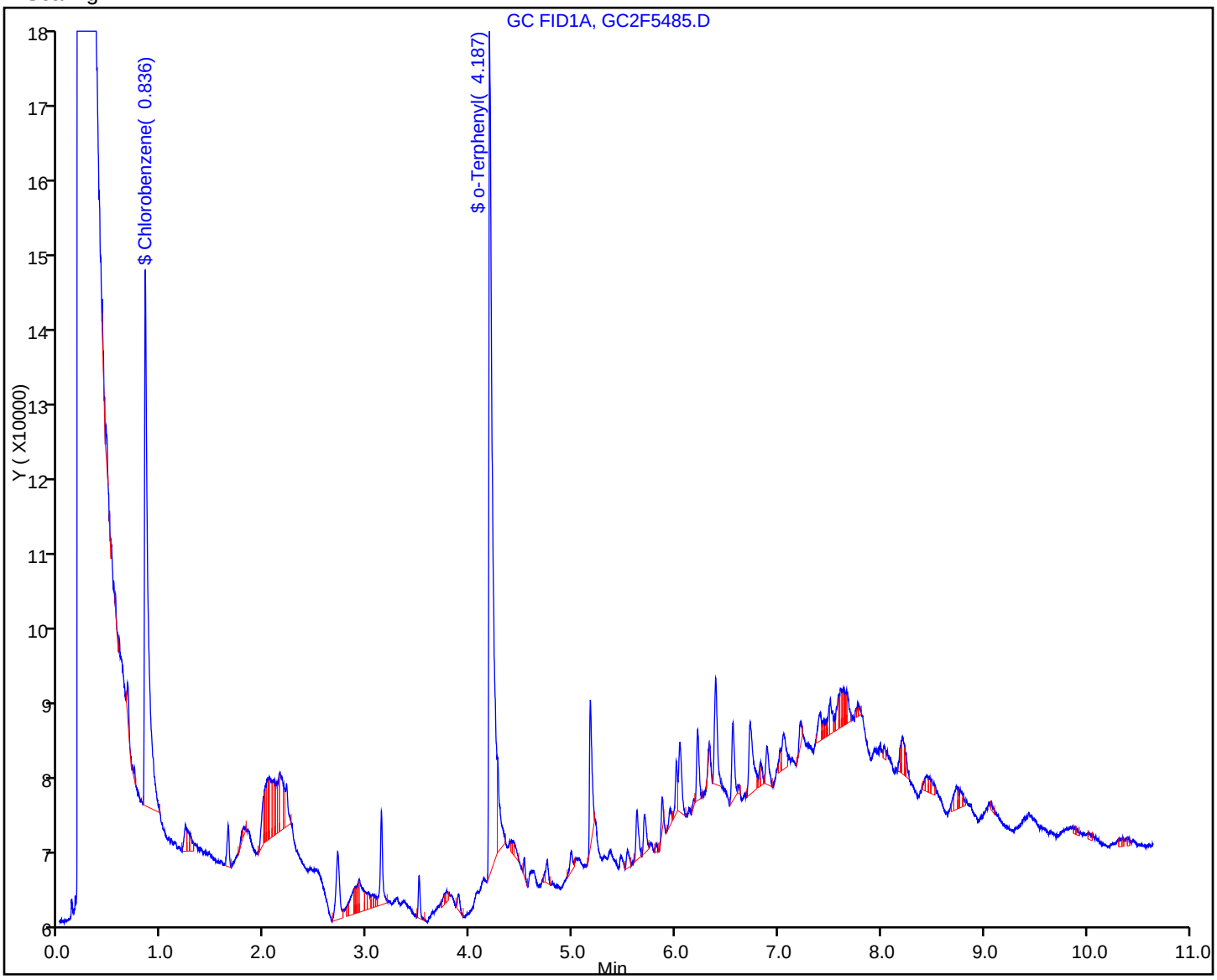
QC Flag Legend

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.: 460-62968-1

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	

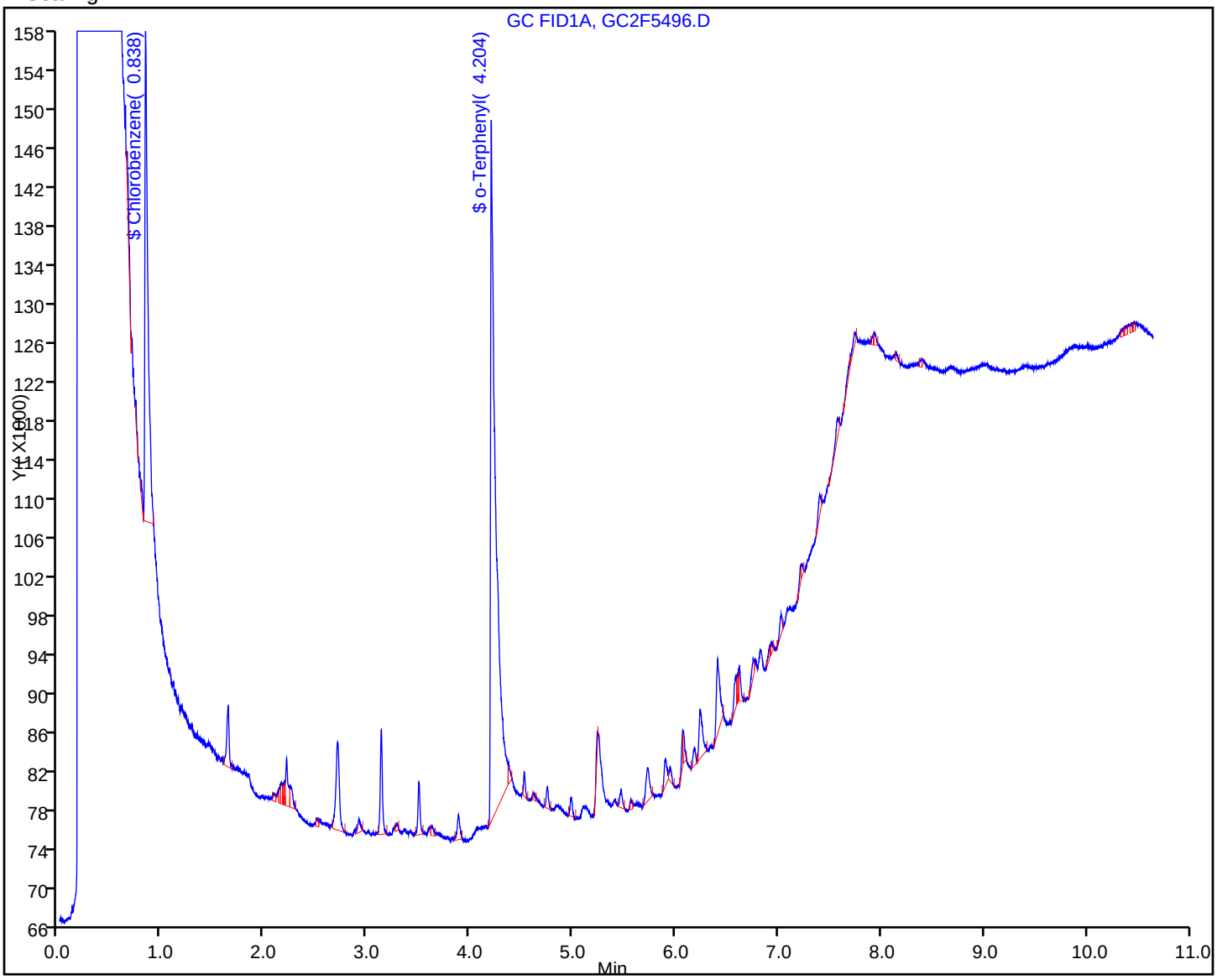
QC Flag Legend

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.: 460-62968-1

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

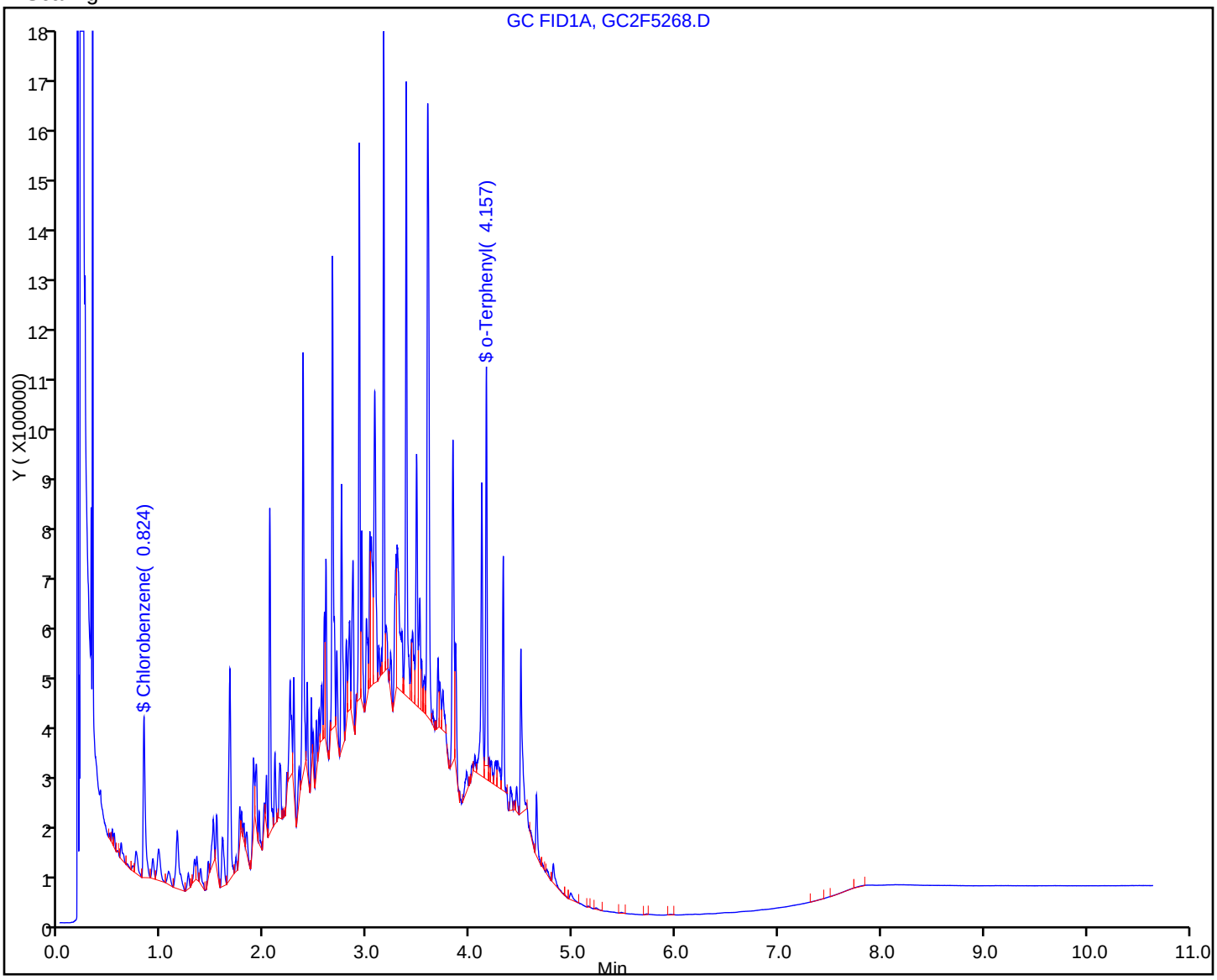
Report Date: 19-Sep-2013 08:21:31 Chrom Revision: 2.1 25-Jul-2013 20:19:50

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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-181552/2-A

Matrix: Solid Lab File ID: GC2F5275.D

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 09/16/2013 12:54

Sample wt/vol: 15.00(g) Date Analyzed: 09/17/2013 10:55

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)	121		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	82		50-105
108-90-7	Chlorobenzene	70		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5275.D		
Lims ID:	LCS 460-181552/2-A	Client ID:	
Inject. Date:	17-Sep-2013 10:55:04	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	460-0004706-012		
Misc. Info.:			
Operator:	615	Instrument ID:	CBNAGC2
Injection Vol:	1.0 ul	ALS Bottle#:	12
Lims Batch ID:	181694	Lims Sample ID:	12
Detector:	GC FID1A		
Method:	\\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\QAM2F.m		
Last Update:	19-Sep-2013 08:21:35	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 11:24:46

	RT	EXP RT	DLT RT	Response	On-Col Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.822	0.824	-0.002	420306	14.1	
A	3 C8-C40					
	4.119	0.491	- 7.746	61994355	1808.7	k
$	4 o-Terphenyl					
	4.156	4.163	-0.007	732761	16.3	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

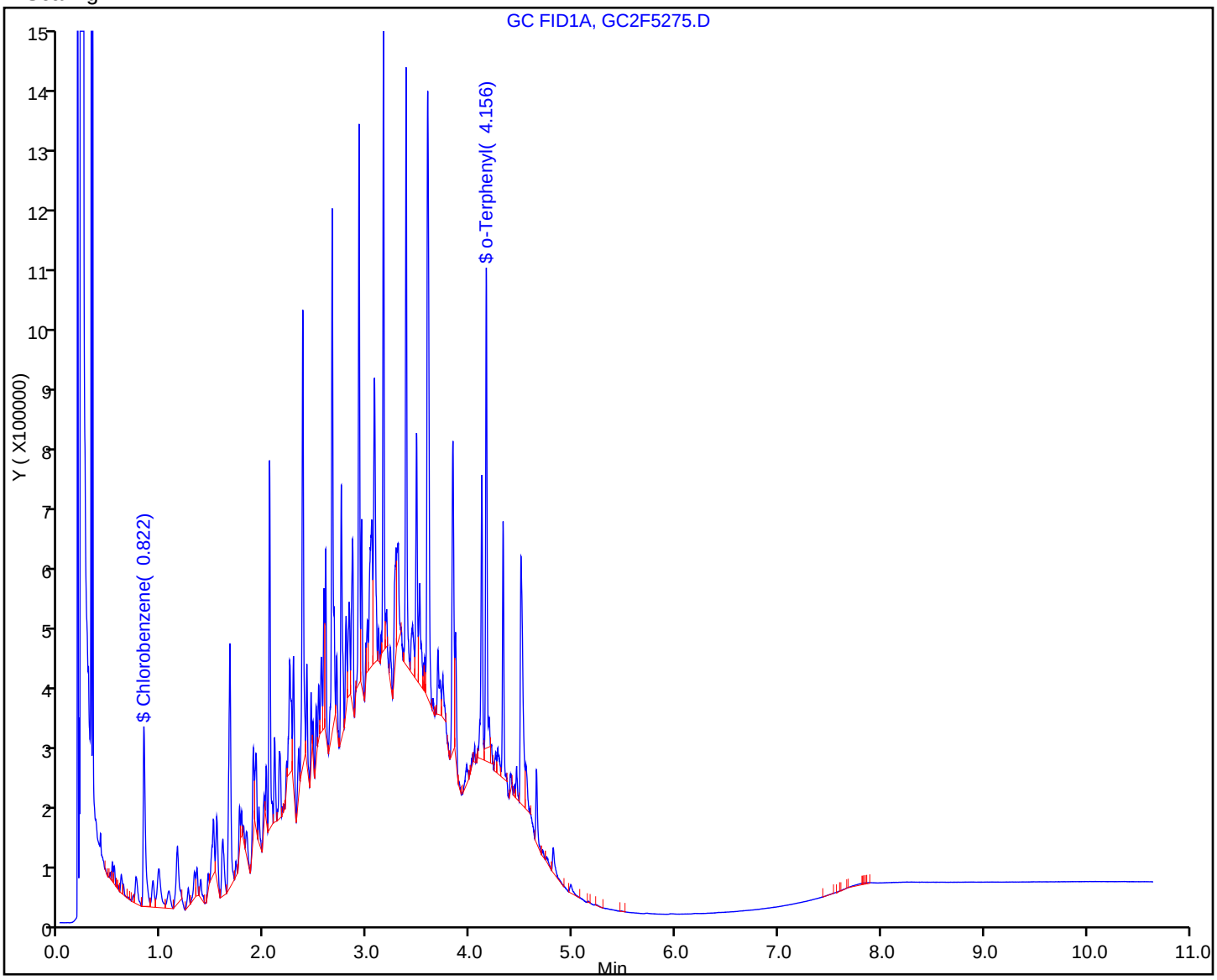
Report Date: 19-Sep-2013 08:21:37 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20130917-4706.b\GC2F5275.D

Injection Date:	17-Sep-2013 10:55:04	Limit Group:	GC 8015 QAM ICAL
Client ID:		Instrument ID:	CBNAGC2
Lims Batch ID:	181694	Lims Sample ID:	12
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.: 460-62968-1

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

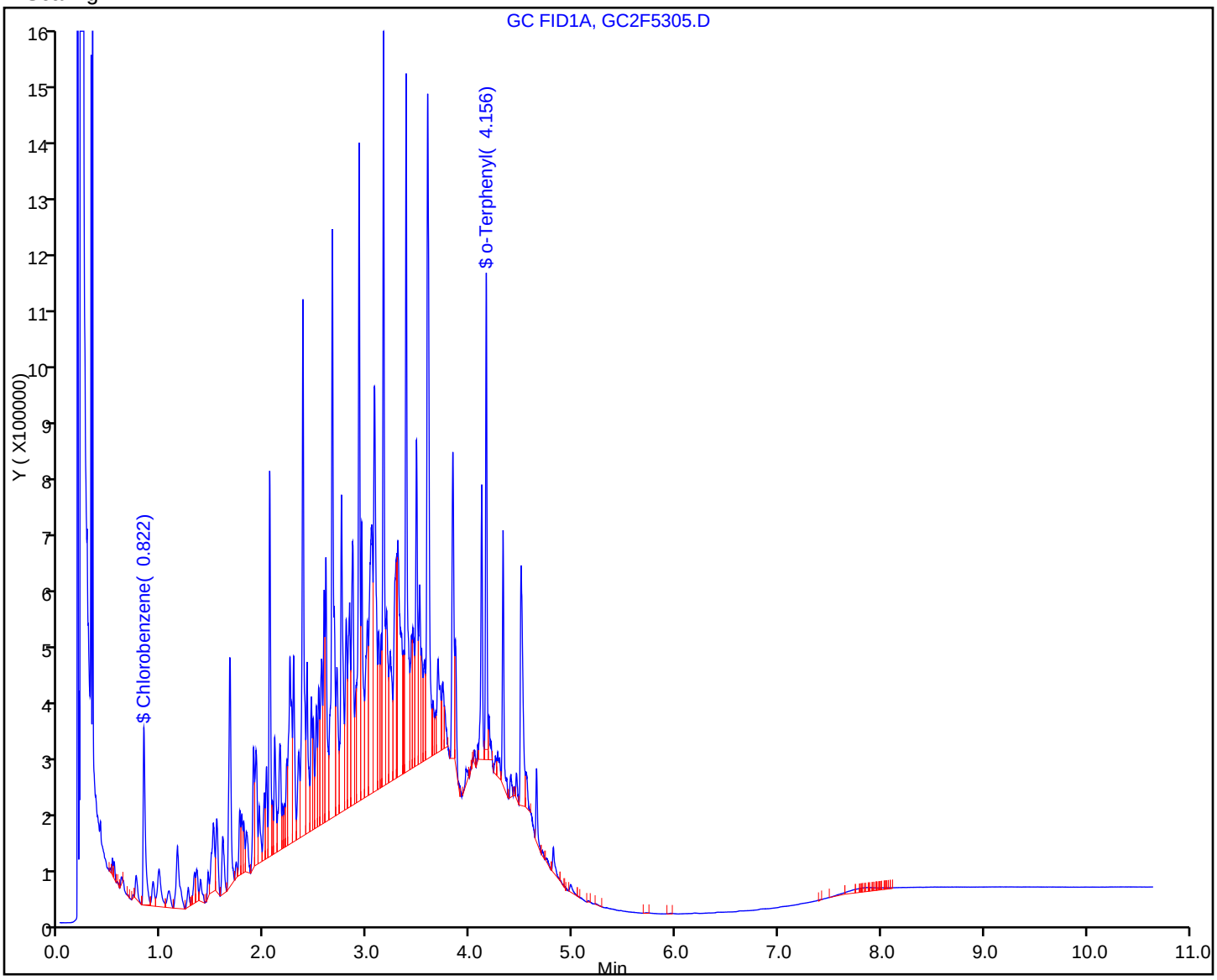
Report Date: 19-Sep-2013 08:22:09 Chrom Revision: 2.1 25-Jul-2013 20:19:50

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.: 460-62968-1

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	

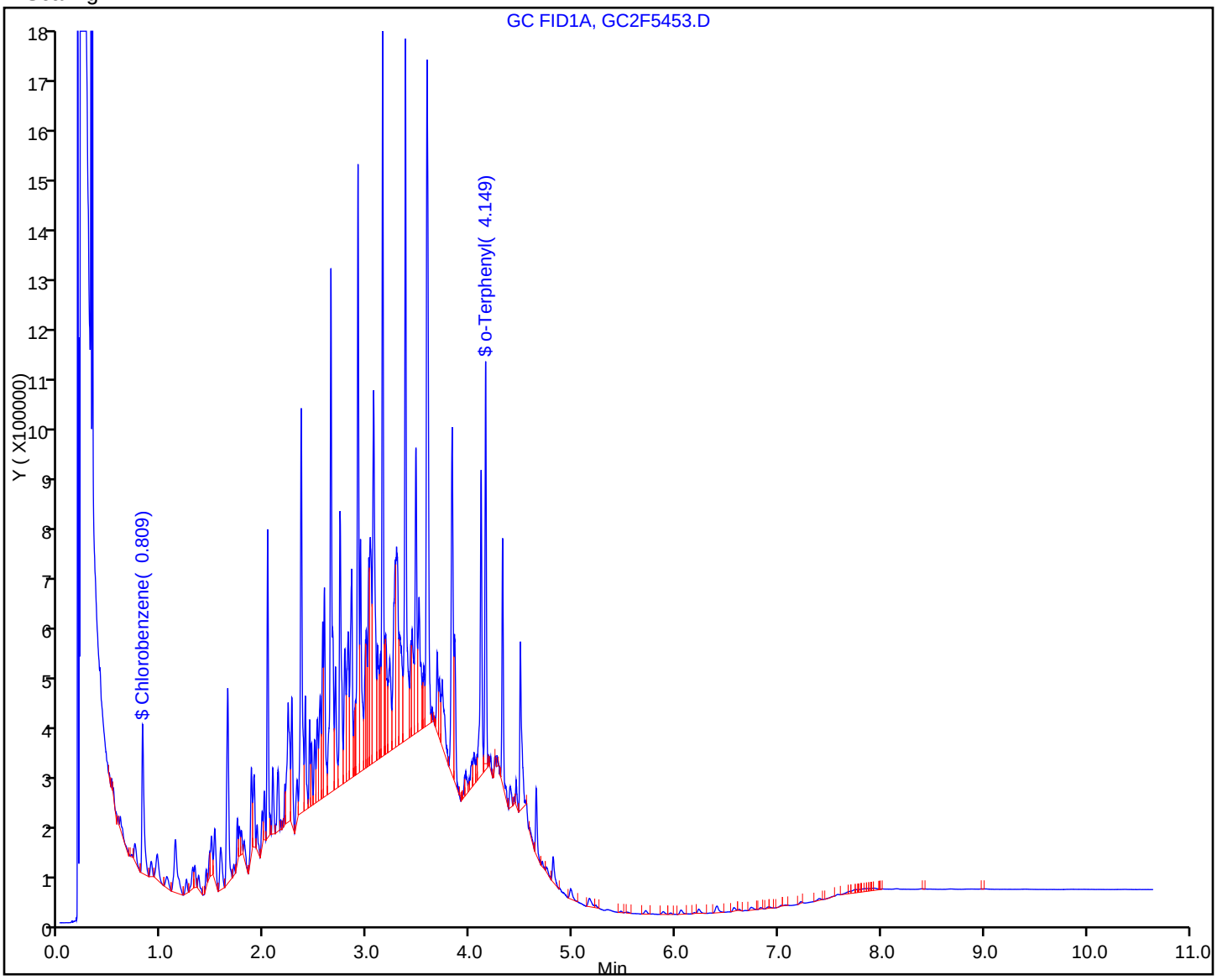
QC Flag Legend

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.: 460-62968-1

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

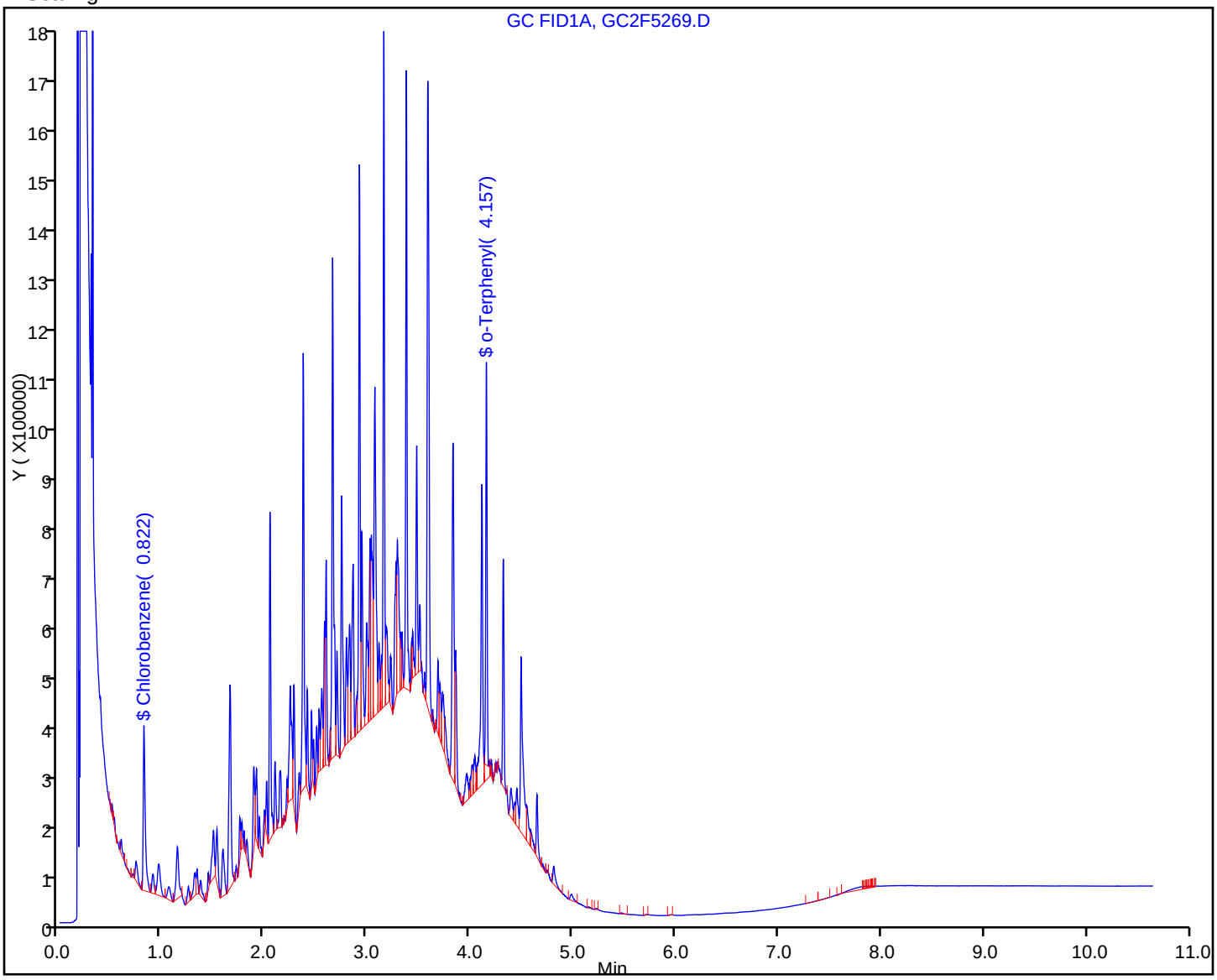
Report Date: 19-Sep-2013 08:21:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD MS Lab Sample ID: 460-62968-1 MS

Matrix: Solid Lab File ID: GC2F5276.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 08:45

Extraction Method: 3546 Date Extracted: 09/16/2013 12:54

Sample wt/vol: 15.01(g) Date Analyzed: 09/17/2013 11:09

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 181694 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	169		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	73		50-105
108-90-7	Chlorobenzene	53		40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VD MS Lab Sample ID: 460-62968-35 MS

Matrix: Solid Lab File ID: GC2F5306.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 16:20

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.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-62993-E-15-D MS

Matrix: Solid Lab File ID: GC2F5454.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 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.: 460-62968-1

SDG No.:

Client Sample ID: PMP-27SE-VD MSD | Lab Sample ID: 460-62968-1 MSD

Matrix: Solid | Lab File ID: GC2F5277.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 09/12/2013 08:45

Extraction Method: 3546 | Date Extracted: 09/16/2013 12:54

Sample wt/vol: 15.01(g) | Date Analyzed: 09/17/2013 11:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS | ID: 0.25(mm)

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 181694 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	158		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	60		50-105
108-90-7	Chlorobenzene	46		40-80

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: PMP-22SE-VD MSD Lab Sample ID: 460-62968-35 MSD

Matrix: Solid Lab File ID: GC2F5307.D

Analysis Method: NJ-OQA-QAM-025 Date Collected: 09/12/2013 16:20

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

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-62993-E-15-E MSD

Matrix: Solid Lab File ID: GC2F5455.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 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

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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.: 460-62968-1

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)
460-62968-40	FB-091213	09/17/2013 09:41	1	GC2F5270.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 09:56	1		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)
MB 460-181552/1-A		09/17/2013 10:40	1	GC2F5274.D	Rtx-5MS 0.25(mm)
LCS 460-181552/2-A		09/17/2013 10:55	1	GC2F5275.D	Rtx-5MS 0.25(mm)
460-62968-1 MS	PMP-27SE-VD MS	09/17/2013 11:09	1	GC2F5276.D	Rtx-5MS 0.25(mm)
460-62968-1 MSD	PMP-27SE-VD MSD	09/17/2013 11:24	1	GC2F5277.D	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	GC2F5282.D	Rtx-5MS 0.25(mm)
CCV 460-181694/20		09/17/2013 12:53	1	GC2F5283.D	Rtx-5MS 0.25(mm)
460-62968-5	PMP-19SE-VD	09/17/2013 13:07	1	GC2F5284.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 13:22	1		Rtx-5MS 0.25(mm)
460-62968-7	PMP-19SE-SI	09/17/2013 13:37	1	GC2F5286.D	Rtx-5MS 0.25(mm)
460-62968-8	PMP-26SE-VD	09/17/2013 13:51	1	GC2F5287.D	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)
460-62968-11	PMP-18SE-VD	09/17/2013 14:36	1	GC2F5290.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/17/2013 14:50	1		Rtx-5MS 0.25(mm)
460-62968-13	PMP-18SE-SI	09/17/2013 15:05	1	GC2F5292.D	Rtx-5MS 0.25(mm)
PIBLK 460-181694/30		09/17/2013 15:20	1	GC2F5293.D	Rtx-5MS 0.25(mm)
CCV 460-181694/31		09/17/2013 15:34	1	GC2F5294.D	Rtx-5MS 0.25(mm)
460-62968-14	PMP-17SE-VD	09/17/2013 15:49	1	GC2F5295.D	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)
460-62968-17	PMP-16SE-VD	09/17/2013 16:33	1	GC2F5298.D	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)
460-62968-35 MS	PMP-22SE-VD MS	09/17/2013 18:30	1	GC2F5306.D	Rtx-5MS 0.25(mm)
460-62968-35 MSD	PMP-22SE-VD 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.: 460-62968-1

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)
460-62968-24	PMP-9SE-VD	09/17/2013 19:44	1	GC2F5311.D	Rtx-5MS 0.25(mm)
460-62968-25	PMP-9SE-WT	09/17/2013 19:58	1	GC2F5312.D	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)
460-62968-34	PMP-22SE-VS	09/17/2013 22:40	1	GC2F5323.D	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)
460-62968-36	PMP-22SE-WT	09/17/2013 23:38	1	GC2F5327.D	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)
ZZZZZ		09/18/2013 00:37	1		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)
ZZZZZ		09/18/2013 01:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 01:36	1		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)
ZZZZZ		09/18/2013 02:50	1		Rtx-5MS 0.25(mm)
PIBLK 460-181694/78		09/18/2013 03:05	1		Rtx-5MS 0.25(mm)
CCV 460-181694/79		09/18/2013 03:20	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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	GC2F5366.D	Rtx-5MS 0.25(mm)
CCV 460-181947/3		09/18/2013 10:22	1	GC2F5367.D	Rtx-5MS 0.25(mm)
460-62968-1	PMP-27SE-VD	09/18/2013 10:37	1	GC2F5368.D	Rtx-5MS 0.25(mm)
460-62968-4	PMP-27SE-SD	09/18/2013 10:52	20	GC2F5369.D	Rtx-5MS 0.25(mm)
460-62968-6	PMP-19SE-WT	09/18/2013 11:06	10	GC2F5370.D	Rtx-5MS 0.25(mm)
460-62968-9	PMP-26SE-WT	09/18/2013 11:21	20	GC2F5371.D	Rtx-5MS 0.25(mm)
460-62968-12	PMP-18SE-WT	09/18/2013 11:35	10	GC2F5372.D	Rtx-5MS 0.25(mm)
460-62968-15	PMP-17SE-WT	09/18/2013 11:50	10	GC2F5373.D	Rtx-5MS 0.25(mm)
460-62968-18	PMP-16SE-WT	09/18/2013 12:05	10	GC2F5374.D	Rtx-5MS 0.25(mm)
460-62968-20	PMP-28SE-VD	09/18/2013 12:20	10	GC2F5375.D	Rtx-5MS 0.25(mm)
PIBLK 460-181947/12		09/18/2013 12:35	1	GC2F5376.D	Rtx-5MS 0.25(mm)
CCV 460-181947/13		09/18/2013 13:04	1	GC2F5377.D	Rtx-5MS 0.25(mm)
460-62968-35	PMP-22SE-VD	09/18/2013 13:48	1	GC2F5378.D	Rtx-5MS 0.25(mm)
460-62968-26	PMP-9SE-SI	09/18/2013 14:20	10	GC2F5379.D	Rtx-5MS 0.25(mm)
460-62968-27	PMP-24SE-VS	09/18/2013 14:35	50	GC2F5380.D	Rtx-5MS 0.25(mm)
460-62968-28	PMP-24SE-VD	09/18/2013 14:49	100	GC2F5381.D	Rtx-5MS 0.25(mm)
460-62968-29	PMP-24SE-WT	09/18/2013 15:04	20	GC2F5382.D	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)
460-62968-32	PMP-2SE-WT	09/18/2013 15:48	20	GC2F5385.D	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)
460-62968-21	PMP-28SE-WT	09/18/2013 16:47	50	GC2F5389.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 17:02	20		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 17:16	20		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 17:31	20		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 17:46	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 18:01	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 18:15	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 18:30	10		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 18:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 19:00	10		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)
ZZZZZ		09/18/2013 19:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 19:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 20:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 20:28	20		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 20:43	20		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 20:58	20		Rtx-5MS 0.25(mm)
PIBLK 460-181947/43		09/18/2013 21:12	1		Rtx-5MS 0.25(mm)
CCV 460-181947/44		09/18/2013 21:27	1		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.: 460-62968-1

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)
ZZZZZ		09/18/2013 22:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 22:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 22:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 22:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 23:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/18/2013 23:24	1		Rtx-5MS 0.25(mm)
PIBLK 460-181947/75		09/18/2013 23:39	1		Rtx-5MS 0.25(mm)
CCV 460-181947/76		09/18/2013 23:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 00:09	1		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)
ZZZZZ		09/19/2013 00:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 01:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 01:22	1		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		Rtx-5MS 0.25(mm)
CCV 460-181947/78		09/19/2013 02:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 02:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 02:51	1		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)
ZZZZZ		09/19/2013 03:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 04:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 04:19	1		Rtx-5MS 0.25(mm)
PIBLK 460-181947/79		09/19/2013 04:34	1		Rtx-5MS 0.25(mm)
CCV 460-181947/80		09/19/2013 04:48	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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-E-15-D MS		09/19/2013 09:08	1	GC2F5454.D	Rtx-5MS 0.25(mm)
460-62993-E-15-E MSD		09/19/2013 09:22	1	GC2F5455.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 09:37	1		Rtx-5MS 0.25(mm)
460-62968-2	PMP-27SE-WT	09/19/2013 09:52	1	GC2F5457.D	Rtx-5MS 0.25(mm)
460-62968-3	PMP-27SE-SI	09/19/2013 10:07	1	GC2F5458.D	Rtx-5MS 0.25(mm)
460-62968-10	PMP-26SE-SI	09/19/2013 10:21	1	GC2F5459.D	Rtx-5MS 0.25(mm)
460-62968-16	PMP-17SE-SI	09/19/2013 10:36	1	GC2F5460.D	Rtx-5MS 0.25(mm)
460-62968-19	PMP-16SE-SI	09/19/2013 10:51	1	GC2F5461.D	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)
460-62968-22	PMP-28SE-SI	09/19/2013 11:35	1	GC2F5464.D	Rtx-5MS 0.25(mm)
460-62968-23	PMP-28SE-SD	09/19/2013 11:50	1	GC2F5465.D	Rtx-5MS 0.25(mm)
460-62968-37	PMP-23SE-VS	09/19/2013 12:04	1	GC2F5466.D	Rtx-5MS 0.25(mm)
460-62968-38	PMP-23SE-VD	09/19/2013 12:19	1	GC2F5467.D	Rtx-5MS 0.25(mm)
460-62968-39	PMP-23SE-WT	09/19/2013 12:34	1	GC2F5468.D	Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 13:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 13:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 13:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 13:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 14:09	1		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)
ZZZZZ		09/19/2013 14:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 15:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 15:22	20		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 15:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 15:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 16:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 16:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 16:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 16:51	10		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)
ZZZZZ		09/19/2013 17:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 17:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 18:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 18:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 18:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		09/19/2013 18:48	1		Rtx-5MS 0.25(mm)
460-62968-30	PMP-24SE-SI	09/19/2013 19:02	1	GC2F5493.D	Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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
460-62968-31	PMP-2SE-VD	09/19/2013 19:17	1	GC2F5494.D	Rtx-5MS 0.25(mm)
460-62968-33	PMP-2SE-SI	09/19/2013 19:32	1	GC2F5495.D	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.: 460-62968-1

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
460-62968-J-40	FB-091213	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					
460-62968-J-40	FB-091213	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.: 460-62968-1

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.: 460-62968-1

SDG No.:

Batch Number: 181552 Batch Start Date: 09/16/13 12:54 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 460-181552/1		3546, NJ-OQA-QAM-025		15.00 g	1 mL			1 mL	
LCS 460-181552/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-62968-E-1 MS	PMP-27SE-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL		1 mL	1 mL	
460-62968-E-1 MSD	PMP-27SE-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL		1 mL	1 mL	
460-62968-E-1	PMP-27SE-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62968-E-4	PMP-27SE-SD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62968-E-5	PMP-19SE-VD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-62968-E-6	PMP-19SE-WT	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-62968-E-7	PMP-19SE-SI	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62968-E-8	PMP-26SE-VD	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-62968-E-9	PMP-26SE-WT	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-62968-E-11	PMP-18SE-VD	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-62968-E-12	PMP-18SE-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-62968-E-13	PMP-18SE-SI	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.: 460-62968-1

SDG No.:

Batch Number: 181552 Batch Start Date: 09/16/13 12:54 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	
460-62968-E-14	PMP-17SE-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62968-E-15	PMP-17SE-WT	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-62968-E-17	PMP-16SE-VD	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-62968-E-18	PMP-16SE-WT	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62968-E-20	PMP-28SE-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.: 460-62968-1

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	PMP-22SE-VD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-62968-E-35 MSD	PMP-22SE-VD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-62968-E-35	PMP-22SE-VD	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-62968-E-24	PMP-9SE-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62968-E-25	PMP-9SE-WT	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62968-E-26	PMP-9SE-SI	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-62968-E-27	PMP-24SE-VS	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-62968-E-28	PMP-24SE-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62968-E-29	PMP-24SE-WT	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62968-E-30	PMP-24SE-SI	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62968-E-31	PMP-2SE-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62968-E-32	PMP-2SE-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.: 460-62968-1

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	
460-62968-E-33	PMP-2SE-SI	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-62968-E-34	PMP-22SE-VS	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-62968-E-21	PMP-28SE-WT	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-62968-E-36	PMP-22SE-WT	3546, NJ-OQA-QAM-025	T	15.05 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.: 460-62968-1

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		3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-62993-E-15 MSD		3546, NJ-OQA-QAM-025	T	15.00 g	1 mL		1 mL	1 mL	
460-62968-E-2	PMP-27SE-WT	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-62968-E-3	PMP-27SE-SI	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-62968-E-10	PMP-26SE-SI	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62968-E-16	PMP-17SE-SI	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62968-E-19	PMP-16SE-SI	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62968-E-22	PMP-28SE-SI	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-62968-E-23	PMP-28SE-SD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62968-E-37	PMP-23SE-VS	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62968-E-38	PMP-23SE-VD	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-62968-E-39	PMP-23SE-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.: 460-62968-1

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: 460-62968-1

SDG No.:

Project: Former McCandless Fuels Site

Client Sample ID	Lab Sample ID
PMP-27SE-VD	460-62968-1
PMP-27SE-WT	460-62968-2
PMP-27SE-SI	460-62968-3
PMP-27SE-SD	460-62968-4
PMP-19SE-VD	460-62968-5
PMP-19SE-WT	460-62968-6
PMP-19SE-SI	460-62968-7
PMP-26SE-VD	460-62968-8
PMP-26SE-WT	460-62968-9
PMP-26SE-SI	460-62968-10
PMP-18SE-VD	460-62968-11
PMP-18SE-WT	460-62968-12
PMP-18SE-SI	460-62968-13
PMP-17SE-VD	460-62968-14
PMP-17SE-WT	460-62968-15
PMP-17SE-SI	460-62968-16
PMP-16SE-VD	460-62968-17
PMP-16SE-WT	460-62968-18
PMP-16SE-SI	460-62968-19
PMP-28SE-VD	460-62968-20
PMP-28SE-WT	460-62968-21
PMP-28SE-SI	460-62968-22
PMP-28SE-SD	460-62968-23
PMP-9SE-VD	460-62968-24
PMP-9SE-WT	460-62968-25
PMP-9SE-SI	460-62968-26
PMP-24SE-VS	460-62968-27
PMP-24SE-VD	460-62968-28
PMP-24SE-WT	460-62968-29
PMP-24SE-SI	460-62968-30
PMP-2SE-VD	460-62968-31
PMP-2SE-WT	460-62968-32
PMP-2SE-SI	460-62968-33
PMP-22SE-VS	460-62968-34
PMP-22SE-VD	460-62968-35
PMP-22SE-WT	460-62968-36
PMP-23SE-VS	460-62968-37
PMP-23SE-VD	460-62968-38
PMP-23SE-WT	460-62968-39
FB-091213	460-62968-40

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-27SE-VD
Lab Sample ID: 460-62968-1
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 08:45
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-27SE-WT
Lab Sample ID: 460-62968-2
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 08:50
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-27SE-SI
Lab Sample ID: 460-62968-3
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 08:55
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-27SE-SD
Lab Sample ID: 460-62968-4
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 09:00
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-19SE-VD
Lab Sample ID: 460-62968-5
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 09:20
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-19SE-WT
Lab Sample ID: 460-62968-6
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 09:25
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-19SE-SI
Lab Sample ID: 460-62968-7
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 09:30
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-26SE-VD
Lab Sample ID: 460-62968-8
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 10:00
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-26SE-WT
Lab Sample ID: 460-62968-9
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 10:05
Reporting Basis: WET
Date Received: 09/13/2013 15:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	943	100	58.2	mg/Kg			1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-26SE-SI
Lab Sample ID: 460-62968-10
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 10:10
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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: PMP-18SE-VD
Lab Sample ID: 460-62968-11
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 10:25
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-18SE-WT
Lab Sample ID: 460-62968-12
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 10:30
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-18SE-SI
Lab Sample ID: 460-62968-13
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 10:35
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-17SE-VD
Lab Sample ID: 460-62968-14
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 10:55
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-17SE-WT
Lab Sample ID: 460-62968-15
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 11:00
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-17SE-SI
Lab Sample ID: 460-62968-16
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 11:05
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-16SE-VD
Lab Sample ID: 460-62968-17
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 11:30
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-16SE-WT
Lab Sample ID: 460-62968-18
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 11:35
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-16SE-SI
Lab Sample ID: 460-62968-19
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 11:40
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-28SE-VD
Lab Sample ID: 460-62968-20
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 12:00
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-28SE-WT
Lab Sample ID: 460-62968-21
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 12:05
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-28SE-SI
Lab Sample ID: 460-62968-22
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 12:10
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-28SE-SD
Lab Sample ID: 460-62968-23
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 12:15
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-9SE-VD
Lab Sample ID: 460-62968-24
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 14:00
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-9SE-WT
Lab Sample ID: 460-62968-25
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 14:05
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-9SE-SI
Lab Sample ID: 460-62968-26
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 14:10
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-24SE-VS
Lab Sample ID: 460-62968-27
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 15:15
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-24SE-VD
Lab Sample ID: 460-62968-28
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 15:30
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-24SE-WT
Lab Sample ID: 460-62968-29
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 15:25
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-24SE-SI
Lab Sample ID: 460-62968-30
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 15:20
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-2SE-VD
Lab Sample ID: 460-62968-31
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 15:45
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-2SE-WT
Lab Sample ID: 460-62968-32
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 15:50
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-2SE-SI
Lab Sample ID: 460-62968-33
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 15:55
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-22SE-VS
Lab Sample ID: 460-62968-34
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 16:15
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-22SE-VD
Lab Sample ID: 460-62968-35
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 16:20
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-22SE-WT
Lab Sample ID: 460-62968-36
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 16:25
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-23SE-VS
Lab Sample ID: 460-62968-37
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 16:35
Reporting Basis: WET
Date Received: 09/13/2013 15:30

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-23SE-VD
Lab Sample ID: 460-62968-38
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 16:40
Reporting Basis: WET
Date Received: 09/13/2013 15:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	61.0	99.9	58.1	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-23SE-WT
Lab Sample ID: 460-62968-39
Lab Name: TestAmerica Edison
Job No.: 460-62968-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/12/2013 16:45
Reporting Basis: WET
Date Received: 09/13/2013 15:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	69.7	99.9	58.2	mg/Kg	J		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: FB-091213 Lab Sample ID: 460-62968-40

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG ID.:

Matrix: Water Date Sampled: 09/12/2013 07:10

Reporting Basis: WET Date Received: 09/13/2013 15:30

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.: 460-62968-1

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	
3	CCV	14:56	Chloride	46.47	50.0	93	90-110		WTchlss1_00011
4	CCB	14:56	Chloride	2.9				U	
15	CCV	14:59	Chloride	47.78	50.0	96	90-110		WTchlss1_00011
16	CCB	14:59	Chloride	2.9				U	
19	CCV	15:00	Chloride	48.68	50.0	97	90-110		WTchlss1_00011
20	CCB	15:00	Chloride	2.9				U	
21	CCV	15:14	Chloride	47.45	50.0	95	90-110		WTchlss1_00011
22	CCB	15:14	Chloride	2.9				U	
25	CCV	15:15	Chloride	48.49	50.0	97	90-110		WTchlss1_00011
26	CCB	15:15	Chloride	2.9				U	
27	CCV	15:24	Chloride	47.10	50.0	94	90-110		WTchlss1_00011
28	CCB	15:24	Chloride	2.9				U	
39	CCV	15:27	Chloride	48.09	50.0	96	90-110		WTchlss1_00011
40	CCB	15:27	Chloride	2.9				U	
43	CCV	15:28	Chloride	48.99	50.0	98	90-110		WTchlss1_00011
44	CCB	15:28	Chloride	2.9				U	
45	CCV	15:40	Chloride	47.35	50.0	95	90-110		WTchlss1_00011
46	CCB	15:40	Chloride	2.9				U	
49	CCV	15:41	Chloride	48.79	50.0	98	90-110		WTchlss1_00011
50	CCB	15:41	Chloride	2.9				U	
51	CCV	15:49	Chloride	46.98	50.0	94	90-110		WTchlss1_00011
52	CCB	15:49	Chloride	2.9				U	
63	CCV	15:53	Chloride	47.81	50.0	96	90-110		WTchlss1_00011
64	CCB	15:53	Chloride	2.9				U	
69	CCV	15:54	Chloride	48.08	50.0	96	90-110		WTchlss1_00011
70	CCB	15:54	Chloride	2.9				U	
71	CCV	16:06	Chloride	47.20	50.0	94	90-110		WTchlss1_00011
72	CCB	16:06	Chloride	2.9				U	
83	CCV	16:09	Chloride	47.65	50.0	95	90-110		WTchlss1_00011
84	CCB	16:09	Chloride	2.9				U	
89	CCV	16:11	Chloride	48.55	50.0	97	90-110		WTchlss1_00011
90	CCB	16:11	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	

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.: 460-62968-1

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 14:56						
SM 4500 Cl- E	MB 460-182249/5	Chloride	2.9	U	mg/Kg	5.0	1
Batch ID: 182249	Date: 09/19/2013 15:24						
SM 4500 Cl- E	MB 460-182249/29	Chloride	2.9	U	mg/Kg	5.0	1
Batch ID: 182249	Date: 09/19/2013 15:50						
SM 4500 Cl- E	MB 460-182249/53	Chloride	2.9	U	mg/Kg	5.0	1
Batch ID: 182249	Date: 09/19/2013 16:06						
SM 4500 Cl- E	MB 460-182249/73	Chloride	2.9	U	mg/Kg	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

3-IN
TCLP SPLPE LEACHATE BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 182249 Date: 09/19/2013 14:56							
SM 4500 Cl- E	LB 460-181620/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 182249 Date: 09/19/2013 15:24							
SM 4500 Cl- E	LB 460-181620/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 182249 Date: 09/19/2013 15:50							
SM 4500 Cl- E	LB 460-181844/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 182249 Date: 09/19/2013 15:50							
SM 4500 Cl- E	LB 460-181844/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 182249 Date: 09/19/2013 16:06							
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 460-181844/1-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

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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 15:14									
SM 4500 Cl- E	460-62968-1	Chloride	58.2	U	mg/Kg						
SM 4500 Cl- E MS	460-62968-1	Chloride	993.6		mg/Kg	999	99	90-110			
Batch ID: 182249		Date: 09/19/2013 15:40									
SM 4500 Cl- E	460-62968-10	Chloride	58.1	U	mg/Kg						
SM 4500 Cl- E MS	460-62968-10	Chloride	1005		mg/Kg	997	101	90-110			
Batch ID: 182249		Date: 09/19/2013 15:53									
SM 4500 Cl- E	460-62968-19	Chloride	58.1	U	mg/Kg						
SM 4500 Cl- E MS	460-62968-19	Chloride	998.1		mg/Kg	999	100	90-110			
Batch ID: 182249		Date: 09/19/2013 16:10									
SM 4500 Cl- E	460-62968-28	Chloride	58.2	U	mg/Kg						
SM 4500 Cl- E MS	460-62968-28	Chloride	986.9		mg/Kg	1000	99	90-110			
Batch ID: 182249		Date: 09/19/2013 16:24									
SM 4500 Cl- E	460-62968-37	Chloride	58.1	U	mg/Kg						
SM 4500 Cl- E MS	460-62968-37	Chloride	1031		mg/Kg	999	103	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.: 460-62968-1

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.: 460-62968-1

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 15:14										
SM 4500 Cl- E	460-62968-1 MSD	Chloride	998.6		mg/Kg	999	100	90-110	1	10	
Batch ID: 182249	Date: 09/19/2013 15:40										
SM 4500 Cl- E	460-62968-10 MSD	Chloride	992.5		mg/Kg	997	100	90-110	1	10	
Batch ID: 182249	Date: 09/19/2013 15:53										
SM 4500 Cl- E	460-62968-19 MSD	Chloride	1008		mg/Kg	999	101	90-110	1	10	
Batch ID: 182249	Date: 09/19/2013 16:10										
SM 4500 Cl- E	460-62968-28 MSD	Chloride	994.2		mg/Kg	1000	99	90-110	1	10	
Batch ID: 182249	Date: 09/19/2013 16:24										
SM 4500 Cl- E	460-62968-37 MSD	Chloride	1035		mg/Kg	999	104	90-110	0	10	

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

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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 14:56										
						LCS Source:	WTchlLCS_00043				
SM 4500 Cl- E	LCSSRM 460-182249/6	Chloride	66.83		mg/Kg	71.1	94.0	90.2-11 0.0			
Batch ID: 182249	Date: 09/19/2013 15:24										
						LCS Source:	WTchlLCS_00043				
SM 4500 Cl- E	LCSSRM 460-182249/30	Chloride	68.26		mg/Kg	71.1	96.0	90.2-11 0.0			
Batch ID: 182249	Date: 09/19/2013 15:50										
						LCS Source:	WTchlLCS_00043				
SM 4500 Cl- E	LCSSRM 460-182249/54	Chloride	67.14		mg/Kg	71.1	94.4	90.2-11 0.0			
Batch ID: 182249	Date: 09/19/2013 16:06										
						LCS Source:	WTchlLCS_00043				
SM 4500 Cl- E	LCSSRM 460-182249/74	Chloride	68.58		mg/Kg	71.1	96.5	90.2-11 0.0			
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			

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.: 460-62968-1

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: 460-62968-1

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: 460-62968-1

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: 460-62968-1

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: 460-62968-1

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: 460-62968-1

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: 460-62968-1

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.: 460-62968-1

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																					
460-62968-40	1	T	16:00	X																				
ZZZZZZ			16:00																					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/16/2013 16:23 End Date: 09/16/2013 16:23

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			16:23																					
ZZZZZZ			16:23																					
ZZZZZZ			16:23																					
ZZZZZZ			16:23																					
ZZZZZZ			16:23																					
ZZZZZZ			16:23																					
ZZZZZZ			16:23																					
460-62968-24	1	T	16:23	X	X																			
460-62968-25	1	T	16:23	X	X																			
460-62968-26	1	T	16:23	X	X																			
460-62968-27	1	T	16:23	X	X																			
460-62968-28	1	T	16:23	X	X																			
460-62968-29	1	T	16:23	X	X																			
460-62968-30	1	T	16:23	X	X																			
460-62968-31	1	T	16:23	X	X																			
460-62968-32	1	T	16:23	X	X																			
460-62968-33	1	T	16:23	X	X																			
460-62968-34	1	T	16:23	X	X																			
460-62968-35	1	T	16:23	X	X																			
460-62968-36	1	T	16:23	X	X																			
460-62968-36 DU	1	T	16:23	X	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/16/2013 16:35 End Date: 09/16/2013 16:35

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			16:35																				
460-62968-37	1	T	16:35	X	X																		
460-62968-38	1	T	16:35	X	X																		
460-62968-39	1	T	16:35	X	X																		
ZZZZZZ			16:35																				
ZZZZZZ			16:35																				
ZZZZZZ			16:35																				
ZZZZZZ			16:35																				
ZZZZZZ			16:35																				
ZZZZZZ			16:35																				
ZZZZZZ			16:35																				
ZZZZZZ			16:35																				
ZZZZZZ			16:35																				
ZZZZZZ			16:35																				
460-63014-A-1 MS	1	T	16:35	X	X																		
460-63014-A-1 MSD	1	T	16:35	X	X																		
460-63014-A-1 DU	1	T	16:35	X	X																		
ZZZZZZ			16:35																				
ZZZZZZ			16:35																				
ZZZZZZ			16:35																				
ZZZZZZ			16:35																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/17/2013 16:21 End Date: 09/17/2013 16:21

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			16:21																					
ZZZZZZ			16:21																					
ZZZZZZ			16:21																					
460-62968-1	1	T	16:21	X	X																			
460-62968-2	1	T	16:21	X	X																			
460-62968-3	1	T	16:21	X	X																			
460-62968-4	1	T	16:21	X	X																			
460-62968-5	1	T	16:21	X	X																			
460-62968-6	1	T	16:21	X	X																			
460-62968-7	1	T	16:21	X	X																			
460-62968-8	1	T	16:21	X	X																			
460-62968-9	1	T	16:21	X	X																			
460-62968-10	1	T	16:21	X	X																			
460-62968-11	1	T	16:21	X	X																			
460-62968-12	1	T	16:21	X	X																			
460-62968-13	1	T	16:21	X	X																			
460-62968-14	1	T	16:21	X	X																			
460-62968-15	1	T	16:21	X	X																			
460-62968-16	1	T	16:21	X	X																			
460-62968-17	1	T	16:21	X	X																			
460-62968-17 DU	1	T	16:21	X	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison   Job No.: 460-62968-1

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																				
460-62968-18	1	T	16:52	X	X																		
460-62968-19	1	T	16:52	X	X																		
460-62968-20	1	T	16:52	X	X																		
460-62968-21	1	T	16:52	X	X																		
460-62968-22	1	T	16:52	X	X																		
460-62968-23	1	T	16:52	X	X																		
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																				
ZZZZZZ			16:52																				
460-62993-E-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.: 460-62968-1

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	1		14:56	X																			
CCB 460-182249/4	1		14:56	X																			
MB 460-182249/5	1	T	14:56	X																			
LCSSRM 460-182249/6	1	T	14:56	X																			
LB 460-181620/1-A	1	Y	14:56	X																			
460-62968-1	1	Y	14:56	X																			
460-62968-2	1	Y	14:56	X																			
460-62968-3	1	Y	14:56	X																			
460-62968-4	1	Y	14:56	X																			
460-62968-5	1	Y	14:56	X																			
460-62968-6	1	Y	14:56	X																			
460-62968-7	1	Y	14:56	X																			
CCV 460-182249/15	1		14:59	X																			
CCB 460-182249/16	1		14:59	X																			
460-62968-8	1	Y	14:59	X																			
460-62968-9	1	Y	14:59	X																			
CCV 460-182249/19	1		15:00	X																			
CCB 460-182249/20	1		15:00	X																			
CCV 460-182249/21	1		15:14	X																			
CCB 460-182249/22	1		15:14	X																			
460-62968-1 MS	1	Y	15:14	X																			
460-62968-1 MSD	1	Y	15:14	X																			
CCV 460-182249/25	1		15:15	X																			
CCB 460-182249/26	1		15:15	X																			
CCV 460-182249/27	1		15:24	X																			
CCB 460-182249/28	1		15:24	X																			
MB 460-182249/29	1	T	15:24	X																			
LCSSRM 460-182249/30	1	T	15:24	X																			
LB 460-181620/1-A	1	Y	15:24	X																			
460-62968-10	1	Y	15:24	X																			
460-62968-11	1	Y	15:24	X																			
460-62968-12	1	Y	15:24	X																			
460-62968-13	1	Y	15:24	X																			
460-62968-14	1	Y	15:24	X																			
460-62968-15	1	Y	15:24	X																			
460-62968-16	1	Y	15:24	X																			
CCV 460-182249/39	1		15:27	X																			
CCB 460-182249/40	1		15:27	X																			
460-62968-17	1	Y	15:27	X																			
460-62968-18	1	Y	15:27	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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	1		15:28	X																			
CCB 460-182249/44	1		15:28	X																			
CCV 460-182249/45	1		15:40	X																			
CCB 460-182249/46	1		15:40	X																			
460-62968-10 MS	1	Y	15:40	X																			
460-62968-10 MSD	1	Y	15:40	X																			
CCV 460-182249/49	1		15:41	X																			
CCB 460-182249/50	1		15:41	X																			
CCV 460-182249/51	1		15:49	X																			
CCB 460-182249/52	1		15:49	X																			
MB 460-182249/53	1	T	15:50	X																			
LCSSRM 460-182249/54	1	T	15:50	X																			
LB 460-181844/1-A	1	Y	15:50	X																			
460-62968-19	1	Y	15:50	X																			
460-62968-20	1	Y	15:50	X																			
460-62968-21	1	Y	15:50	X																			
LB 460-181844/1-A	1	Y	15:50	X																			
460-62968-23	1	Y	15:50	X																			
460-62968-24	1	Y	15:50	X																			
460-62968-25	1	Y	15:50	X																			
CCV 460-182249/63	1		15:53	X																			
CCB 460-182249/64	1		15:53	X																			
460-62968-19 MS	1	Y	15:53	X																			
460-62968-19 MSD	1	Y	15:53	X																			
460-62968-26	1	Y	15:53	X																			
460-62968-27	1	Y	15:53	X																			
CCV 460-182249/69	1		15:54	X																			
CCB 460-182249/70	1		15:54	X																			
CCV 460-182249/71	1		16:06	X																			
CCB 460-182249/72	1		16:06	X																			
MB 460-182249/73	1	T	16:06	X																			
LCSSRM 460-182249/74	1	T	16:06	X																			
LB 460-181844/1-A	1	Y	16:06	X																			
460-62968-28	1	Y	16:06	X																			
460-62968-29	1	Y	16:06	X																			
460-62968-30	1	Y	16:06	X																			
460-62968-31	1	Y	16:06	X																			
460-62968-32	1	Y	16:06	X																			
460-62968-33	1	Y	16:06	X																			
460-62968-34	1	Y	16:06	X																			
CCV 460-182249/83	1		16:09	X																			
CCB 460-182249/84	1		16:09	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison   Job No.: 460-62968-1

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-
460-62968-28 MS	1	Y	16:10	X
460-62968-28 MSD	1	Y	16:10	X
460-62968-35	1	Y	16:10	X
460-62968-36	1	Y	16:10	X
CCV 460-182249/89	1		16:11	X
CCB 460-182249/90	1		16:11	X
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
460-62968-37	1	Y	16:20	X
460-62968-38	1	Y	16:20	X
460-62968-22	1	Y	16:20	X
LB 460-182048/1-A	1	Y	16:20	X
460-62968-39	1	Y	16:20	X
ZZZZZZ			16:20	
ZZZZZZ			16:20	
CCV 460-182249/103	1		16:24	X
CCB 460-182249/104	1		16:24	X
460-62968-37 MS	1	Y	16:24	X
460-62968-37 MSD	1	Y	16:24	X
ZZZZZZ			16:24	
ZZZZZZ			16:24	
CCV 460-182249/109	1		16:25	X
CCB 460-182249/110	1		16:25	X
CCV 460-182249/111			16:33	
CCB 460-182249/112			16:33	
ZZZZZZ			16:33	
ZZZZZZ			16:33	
ZZZZZZ			16:33	
ZZZZZZ			16:33	
ZZZZZZ			16:33	
ZZZZZZ			16:33	
ZZZZZZ			16:33	
ZZZZZZ			16:33	
ZZZZZZ			16:33	
ZZZZZZ			16:33	
CCV 460-182249/123			16:36	
CCB 460-182249/124			16:36	
ZZZZZZ			16:36	
ZZZZZZ			16:36	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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			16:37																				
ZZZZZZ			16:37																				
CCV 460-182249/129			16:38																				
CCB 460-182249/130			16:38																				

Prep Types

T = Total/NA

Y = ASTM Leach

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-62968-1

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			
460-62968-H-40	FB-091213	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.: 460-62968-1

SDG No.:

Batch Number: 181599 Batch Start Date: 09/16/13 16:23 Batch Analyst: Robinson, Ian

Batch Method: Moisture Batch End Date: 09/17/13 10:28

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-62968-E-24	PMP-9SE-VD	Moisture	T	176	0.99 g	6.32 g	6.12 g		
460-62968-E-25	PMP-9SE-WT	Moisture	T	177	1.01 g	6.27 g	5.54 g		
460-62968-E-26	PMP-9SE-SI	Moisture	T	178	1.00 g	6.61 g	6.30 g		
460-62968-E-27	PMP-24SE-VS	Moisture	T	179	1.00 g	6.54 g	6.19 g		
460-62968-E-28	PMP-24SE-VD	Moisture	T	180	1.00 g	6.11 g	5.58 g		
460-62968-E-29	PMP-24SE-WT	Moisture	T	181	1.01 g	6.91 g	6.56 g		
460-62968-E-30	PMP-24SE-SI	Moisture	T	182	1.00 g	6.59 g	5.69 g		
460-62968-E-31	PMP-2SE-VD	Moisture	T	183	0.97 g	6.61 g	6.34 g		
460-62968-E-32	PMP-2SE-WT	Moisture	T	184	1.01 g	6.22 g	5.93 g		
460-62968-E-33	PMP-2SE-SI	Moisture	T	185	1.01 g	6.79 g	5.99 g		
460-62968-E-34	PMP-22SE-VS	Moisture	T	186	1.04 g	6.76 g	6.46 g		
460-62968-E-35	PMP-22SE-VD	Moisture	T	187	1.01 g	6.28 g	6.10 g		
460-62968-E-36	PMP-22SE-WT	Moisture	T	188	1.02 g	6.40 g	5.77 g		
460-62968-E-36 DU	PMP-22SE-WT	Moisture	T	189	1.02 g	6.43 g	5.78 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	16:45
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	10:28
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.: 460-62968-1

SDG No.:

Batch Number: 181599 Batch Start Date: 09/16/13 16:23 Batch Analyst: Robinson, Ian

Batch Method: Moisture Batch End Date: 09/17/13 10:28

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.: 460-62968-1

SDG No.:

Batch Number: 181601 Batch Start Date: 09/16/13 16:35 Batch Analyst: Robinson, Ian

Batch Method: Moisture Batch End Date: 09/17/13 10:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-62968-E-37	PMP-23SE-VS	Moisture	T	191	0.98 g	6.25 g	5.98 g		
460-62968-E-38	PMP-23SE-VD	Moisture	T	192	0.99 g	6.39 g	6.20 g		
460-62968-E-39	PMP-23SE-WT	Moisture	T	193	0.99 g	6.87 g	6.60 g		
460-63014-A-1 MS		Moisture	T	204	1.01 g	6.36 g	5.44 g		
460-63014-A-1 MSD		Moisture	T	205	1.01 g	6.36 g	5.44 g		
460-63014-A-1 DU		Moisture	T	206	1.01 g	6.36 g	5.44 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	16:55
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	10:35
Oven ID	Oven 1
ID number of the thermometer	N71565
Uncorrected In Temperature	105 Celsius
Uncorrected Out Temperature	104 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.: 460-62968-1

SDG No.:

Batch Number: 181832 Batch Start Date: 09/17/13 16:21 Batch Analyst: Robinson, Ian

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-62968-E-1	PMP-27SE-VD	Moisture	T	88	1.03 g	6.42 g	6.22 g		
460-62968-E-2	PMP-27SE-WT	Moisture	T	89	0.99 g	6.38 g	5.65 g		
460-62968-E-3	PMP-27SE-SI	Moisture	T	90	0.99 g	6.26 g	5.54 g		
460-62968-E-4	PMP-27SE-SD	Moisture	T	91	0.98 g	6.20 g	5.92 g		
460-62968-E-5	PMP-19SE-VD	Moisture	T	92	0.97 g	6.90 g	6.53 g		
460-62968-E-6	PMP-19SE-WT	Moisture	T	93	0.99 g	6.85 g	6.09 g		
460-62968-E-7	PMP-19SE-SI	Moisture	T	94	1.03 g	6.17 g	5.48 g		
460-62968-E-8	PMP-26SE-VD	Moisture	T	95	1.08 g	6.78 g	6.38 g		
460-62968-E-9	PMP-26SE-WT	Moisture	T	96	1.10 g	6.72 g	6.06 g		
460-62968-E-10	PMP-26SE-SI	Moisture	T	97	0.97 g	6.52 g	5.61 g		
460-62968-E-11	PMP-18SE-VD	Moisture	T	98	1.03 g	6.10 g	5.81 g		
460-62968-E-12	PMP-18SE-WT	Moisture	T	99	1.03 g	6.34 g	5.62 g		
460-62968-E-13	PMP-18SE-SI	Moisture	T	100	0.96 g	6.54 g	5.74 g		
460-62968-E-14	PMP-17SE-VD	Moisture	T	101	0.97 g	6.30 g	6.04 g		
460-62968-E-15	PMP-17SE-WT	Moisture	T	102	0.93 g	6.40 g	5.64 g		
460-62968-E-16	PMP-17SE-SI	Moisture	T	103	0.96 g	6.17 g	5.38 g		
460-62968-E-17	PMP-16SE-VD	Moisture	T	104	1.01 g	6.60 g	6.29 g		
460-62968-E-17 DU	PMP-16SE-VD	Moisture	T	105	1.08 g	6.64 g	6.34 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.: 460-62968-1

SDG No.:

Batch Number: 181832 Batch Start Date: 09/17/13 16:21 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	16:40
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.: 460-62968-1

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		
460-62968-E-18	PMP-16SE-WT	Moisture	T	107	1.04 g	6.65 g	5.87 g		
460-62968-E-19	PMP-16SE-SI	Moisture	T	108	1.02 g	6.15 g	5.42 g		
460-62968-E-20	PMP-28SE-VD	Moisture	T	109	1.02 g	6.51 g	6.19 g		
460-62968-E-21	PMP-28SE-WT	Moisture	T	110	1.01 g	6.17 g	5.46 g		
460-62968-E-22	PMP-28SE-SI	Moisture	T	111	0.99 g	6.54 g	5.74 g		
460-62968-E-23	PMP-28SE-SD	Moisture	T	112	0.99 g	6.28 g	5.69 g		
460-62993-E-8 DU		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.: 460-62968-1

SDG No.:

Batch Number: 181620 Batch Start Date: 09/16/13 15:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 09/17/13 09:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
LB 460-181620/1		D3987-85, SM 4500 Cl- E		70 g	1400 mL	5.70 SU	30% head space in 2L container		
460-62968-A-1	PMP-27SE-VD	D3987-85, SM 4500 Cl- E	Y	35.02 g	700 mL	5.17 SU	30% head space in 1L container		
460-62968-A-2	PMP-27SE-WT	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	5.40 SU	30% head space in 1L container		
460-62968-A-3	PMP-27SE-SI	D3987-85, SM 4500 Cl- E	Y	35.08 g	700 mL	6.25 SU	30% head space in 1L container		
460-62968-A-4	PMP-27SE-SD	D3987-85, SM 4500 Cl- E	Y	35.02 g	700 mL	6.11 SU	30% head space in 1L container		
460-62968-A-5	PMP-19SE-VD	D3987-85, SM 4500 Cl- E	Y	35.02 g	700 mL	6.07 SU	30% head space in 1L container		
460-62968-A-6	PMP-19SE-WT	D3987-85, SM 4500 Cl- E	Y	35.02 g	700 mL	5.24 SU	30% head space in 1L container		
460-62968-A-7	PMP-19SE-SI	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	5.40 SU	30% head space in 1L container		
460-62968-A-8	PMP-26SE-VD	D3987-85, SM 4500 Cl- E	Y	35.02 g	700 mL	5.16 SU	30% head space in 1L container		
460-62968-A-9	PMP-26SE-WT	D3987-85, SM 4500 Cl- E	Y	35.01 g	700 mL	4.67 SU	30% head space in 1L container		
460-62968-A-10	PMP-26SE-SI	D3987-85, SM 4500 Cl- E	Y	35.09 g	700 mL	5.03 SU	30% head space in 1L container		
460-62968-A-11	PMP-18SE-VD	D3987-85, SM 4500 Cl- E	Y	35.03 g	700 mL	7.23 SU	30% head space in 1L container		
460-62968-A-12	PMP-18SE-WT	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	6.52 SU	30% head space in 1L container		
460-62968-A-13	PMP-18SE-SI	D3987-85, SM 4500 Cl- E	Y	35.01 g	700 mL	4.80 SU	30% head space in 1L container		
460-62968-A-14	PMP-17SE-VD	D3987-85, SM 4500 Cl- E	Y	35.03 g	700 mL	6.81 SU	30% head space in 1L container		
460-62968-A-15	PMP-17SE-WT	D3987-85, SM 4500 Cl- E	Y	35.08 g	700 mL	5.57 SU	30% head space in 1L container		
460-62968-A-16	PMP-17SE-SI	D3987-85, SM 4500 Cl- E	Y	35.05 g	700 mL	5.51 SU	30% head space in 1L container		
460-62968-A-17	PMP-16SE-VD	D3987-85, SM 4500 Cl- E	Y	35.01 g	700 mL	6.68 SU	30% head space in 1L container		
460-62968-A-18	PMP-16SE-WT	D3987-85, SM 4500 Cl- E	Y	35.01 g	700 mL	5.23 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.: 460-62968-1

SDG No.:

Batch Number: 181620 Batch Start Date: 09/16/13 15:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 09/17/13 09:00

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.: 460-62968-1

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		
460-62968-A-19	PMP-16SE-SI	D3987-85, SM 4500 Cl- E	Y	35.05 g	700 mL	5.26 SU	30% head space in 1L container		
460-62968-A-20	PMP-28SE-VD	D3987-85, SM 4500 Cl- E	Y	35.07 g	700 mL	5.75 SU	30% head space in 1L container		
460-62968-A-21	PMP-28SE-WT	D3987-85, SM 4500 Cl- E	Y	35.07 g	700 mL	6.35 SU	30% head space in 1L container		
460-62968-A-22	PMP-28SE-SI	D3987-85, SM 4500 Cl- E	Y	35.00 g	700 mL	5.72 SU	30% head space in 1L container		
460-62968-A-23	PMP-28SE-SD	D3987-85, SM 4500 Cl- E	Y	35.03 g	700 mL	5.35 SU	30% head space in 1L container		
460-62968-A-24	PMP-9SE-VD	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	6.39 SU	30% head space in 1L container		
460-62968-A-25	PMP-9SE-WT	D3987-85, SM 4500 Cl- E	Y	35.02 g	700 mL	4.88 SU	30% head space in 1L container		
460-62968-A-26	PMP-9SE-SI	D3987-85, SM 4500 Cl- E	Y	35.02 g	700 mL	5.93 SU	30% head space in 1L container		
460-62968-A-27	PMP-24SE-VS	D3987-85, SM 4500 Cl- E	Y	35.03 g	700 mL	6.18 SU	30% head space in 1L container		
460-62968-A-28	PMP-24SE-VD	D3987-85, SM 4500 Cl- E	Y	35.01 g	700 mL	6.53 SU	30% head space in 1L container		
460-62968-A-29	PMP-24SE-WT	D3987-85, SM 4500 Cl- E	Y	35.02 g	700 mL	5.65 SU	30% head space in 1L container		
460-62968-A-30	PMP-24SE-SI	D3987-85, SM 4500 Cl- E	Y	35.06 g	700 mL	5.16 SU	30% head space in 1L container		
460-62968-A-31	PMP-2SE-VD	D3987-85, SM 4500 Cl- E	Y	35.02 g	700 mL	5.88 SU	30% head space in 1L container		
460-62968-A-32	PMP-2SE-WT	D3987-85, SM 4500 Cl- E	Y	35.02 g	700 mL	5.71 SU	30% head space in 1L container		
460-62968-A-33	PMP-2SE-SI	D3987-85, SM 4500 Cl- E	Y	35.02 g	700 mL	5.46 SU	30% head space in 1L container		
460-62968-A-34	PMP-22SE-VS	D3987-85, SM 4500 Cl- E	Y	35.06 g	700 mL	7.17 SU	30% head space in 1L container		
460-62968-A-35	PMP-22SE-VD	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	6.47 SU	30% head space in 1L container		
460-62968-A-36	PMP-22SE-WT	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	6.38 SU	30% head space in 1L container		
460-62968-A-37	PMP-23SE-VS	D3987-85, SM 4500 Cl- E	Y	35.05 g	700 mL	4.99 SU	30% head space in 1L container		
460-62968-A-38	PMP-23SE-VD	D3987-85, SM 4500 Cl- E	Y	35.04 g	700 mL	5.12 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.: 460-62968-1

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

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.: 460-62968-1

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		
460-62968-A-39	PMP-23SE-WT	D3987-85, SM 4500 Cl- E	Y	35.02 g	700 mL	4.71 SU	30% head space in 1L container		

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.: 460-62968-1

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 460-182249/3		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-182249/6		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-182249/15		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-182249/19		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-182249/21		SM 4500 Cl- E		50 mL			2.5 mL		
460-62968-A-1-B MS	PMP-27SE-VD	SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-62968-A-1-B MSD	PMP-27SE-VD	SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-182249/25		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-182249/27		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-182249/30		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-182249/39		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-182249/43		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-182249/45		SM 4500 Cl- E		50 mL			2.5 mL		
460-62968-A-10-B MS	PMP-26SE-SI	SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-62968-A-10-B MSD	PMP-26SE-SI	SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-182249/49		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-182249/51		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-182249/54		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-182249/63		SM 4500 Cl- E		50 mL			2.5 mL		
460-62968-A-19-B MS	PMP-16SE-SI	SM 4500 Cl- E	Y	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.: 460-62968-1

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		
460-62968-A-19-B MSD	PMP-16SE-SI	SM 4500 Cl-E	Y	50 mL		2.5 mL			
CCV 460-182249/69		SM 4500 Cl-E		50 mL			2.5 mL		
CCV 460-182249/71		SM 4500 Cl-E		50 mL			2.5 mL		
LCSSRM 460-182249/74		SM 4500 Cl-E		50 mL	50 mL				
CCV 460-182249/83		SM 4500 Cl-E		50 mL			2.5 mL		
460-62968-A-28-B MS	PMP-24SE-VD	SM 4500 Cl-E	Y	50 mL		2.5 mL			
460-62968-A-28-B MSD	PMP-24SE-VD	SM 4500 Cl-E	Y	50 mL		2.5 mL			
CCV 460-182249/89		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	PMP-23SE-VS	SM 4500 Cl-E	Y	50 mL		2.5 mL			
460-62968-A-37-B MSD	PMP-23SE-VS	SM 4500 Cl-E	Y	50 mL		2.5 mL			
CCV 460-182249/109		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

CHAIN OF CUSTODY / AI

460-62968 Chain of Custody

Durham Road
New Jersey 08817
(732) 549-3900 Fax: (732) 549-3679

Page 1 of 5

Name (for report and invoice): Carla Nascimento	Samplers Name (Printed): Jared Levine, Chris Gorski, Bill Rosamy	Site/Project Identification: Former McCandless Fuels Site
Company: Antea Group	P.O. #: 8E0812485P Phase 0007	State (Location of site): NJ: ☑ NY: ☐ Other:
		Regulatory Program: SRP
Address: 1031 U.S. Highway 22 Suite 100	Analysis Turnaround Time: Standard ☑	LAB USE ONLY
City: Bridgewater State: NJ	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	Project No:
Phone: 908-547-3834 Fax:		Job No: 62968

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	0QA-QAM TPH							Sample Numbers
PMP-27SE-VD	9/12/13	0845	Sub Surf Soil	5	X	X	X	X	X							1
PMP-27SE-WT	↓	0850	↓	↓	X	X	X	X	X							2
PMP-27SE-SI	↓	0855	↓	↓	X	X	X	X	X							3
PMP-27SE-SO	↓	0900	↓	↓	X	X	X	X	X							4
PMP-19SE-VD	↓	0920	↓	↓	X	X	X	X	X							5
PMP-19SE-WT	↓	0925	↓	↓	X	X	X	X	X							6
PMP-19SE-SI	↓	0930	↓	↓	X	X	X	X	X							7
PMP-26SE-VD	↓	1000	↓	↓	X	X	X	X	X							8
PMP-26SE-WT	↓	1005	↓	↓	X	X	X	X	X							9
PMP-26SE-SI	↓	1010	↓	↓	X	X	X	X	X							10
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:												

5-Day RUSH

Special Instructions

Water Metals Filtered (Yes/No)? ____

SHORT HOLD

Relinquished by	Company	Date / Time	Received by	Company
1) [signature]	Antea Group	9/13/13 0855	1) [signature]	[signature]
2) [signature]	[signature]	9/13 1345	2) James Theiss	TestAmerica
3) James Theiss	TestAmerica	9/13/13 1530	3) [signature]	[signature] 9/13/13
4)			4)	1530

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)

0.3 0.9 / 0.2 0.8 / 1.3 1.9 / 2.4 3.0 / IR5 - No CS.

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice)	Samplers Name (Printed)	Site/Project Identification
Carla Nascimento	Chris Borsic, Jared Lavine	Former McCandless Fuels Site
Company: Antea Group	P. O. # 8E0812485P Phase 0007	State (Location of site): NJ: ✓ NY: ☐ Other:
		Regulatory Program: SRP
Address: 1031 U.S. Highway 22 Suite 106	Analysis Turnaround Time: Standard ✓	
City: Bridgewater State: NJ	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone: 908-547-3834 Fax:		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No:
Job No: 62968

	Sample Identification	Date	Time	Matrix	No. of Cont.	8260B VOC+10	8270C BNA+15	8082 PCB's	Chloride OH GRAIN TPH							Sample Numbers
✓	PMP-18SE-VD	9/12/13	1025	Soil	5	X	X	X	X	X						11
✓	PMP-18SE-WT		1030													12
✓	PMP-18SE-SI		1035													13
✓	PMP-17SE-VD		1055													14
✓	PMP-17SE-WT		1100													15
✓	PMP-17SE-SI		1105													16
✓	PMP-16SE-VD		1130													17
✓	PMP-16SE-WT		1135													18
✓	PMP-16SE-SI		1140													19
✓	PMP-28SE-VD	↓	1200	↓	↓	↓	↓	↓	↓	↓						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)	Antea Group	9/13/13 0855	1)	
2)		9/13/13 1345	2) James Thiesen	Test America
3) James Thiesen	Test America	9/13/13 1530	3)	Spectrum
4)			4)	Company 9/18/2013 1432

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)

09/25/2013

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice) Carla Nascimento	Samplers Name (Printed) Bill Rosany, Chris Borski, Jared Levine	Site/Project Identification Former MacAndrews Forbes Site
Company Antea Group	P. O. # 8E0812485P 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 Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	LAB USE ONLY Project No:
Phone 908-547-3834 Fax		Job No: 62968

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	8260D VOC+10	8270C BNA+15	8082 PCBs	Chloride	OQA-QAM TPH						Sample Numbers
PMP-28SE-WT	9/12/13	1205	Groundwater	5	X	X	X	X	X						21
PMP-28SE-SI		1210													22
PMP-28SE-SD		1215													23
PMP-9SE-VD		1400													24
PMP-9SE-WT		1405													25
PMP-9SE-SI		1410													26
PMP-24SE-VS		1515													27
PMP-24SE-VD		1530													28
PMP-24SE-WT		1525													29
PMP-24SE-SI	↓	1520	↓	↓	↓	↓	↓	↓	↓						30
				Soil:	1.67	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 0855	1)	
Relinquished by 2)	Company	Date / Time 9/13 1345	Received by 2)	Company
Relinquished by 3)	Company	Date / Time 9/13/13 1530	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company 9/13/2013 1830

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)

09/25/2013
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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

09/25/2013

Name (for report and invoice) Carla Nascimento	Samplers Name (Printed) Bill Reany, Chris Gordon, Jared Levine	Site/Project Identification Former McCandless Fuels Site
Company Anton Group	P. O. # SE08124358P 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 Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	LAB USE ONLY Project No:
Phone 908-547-3834 Fax		Job No: 62968

Sample Identification	Date	Time	Matrix	No. of Cont.	8260B VOC+10	8270C BNA+15	8082 PCBs	Chloride	OGA-GRO TPH	Sample Numbers
PMP-25E-VD	9/12/13	1545	Sed Soil	5	X	X	X	X	X	31
PMP-25E-WT		1550		5						32
PMP-25E-SI		1555		5						33
PMP-22SE-VS		1615		5						34
PMP-22SE-VD		1620		5						35
PMP-22SE-WT		1625		5						36
PMP-23SE-VS		1635		5						37
DMP-23SE-VD		1640		5						38
PMP-23SE-WT		1645	↓	5						39
FB_091213	↓		Blank							40

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH — Soil: / Water:

6 = Other _____, 7 = Other _____

Special Instructions _____ Water Metals Filtered (Yes/No)? _____

	Company	Date / Time		Company
Relinquished by 1)	Anton Group	9/13/13 1035	Received by 1)	
Relinquished by 2)		9/13/13 1345	Received by 2) James Thesen	
Relinquished by 3) James Thesen		9/13/13 1530	Received by 3)	9/13/2013
Relinquished by 4)			Received by 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	Samplers Name (Printed) Bill Rising Chris Gorgo; Jared Levine	Site/Project Identification Former McCandless Fuels Site
Company Antea Group	P. O. # 8E0812485P Phase 0007	State (Location of site): NJ: ☑ NY: ☐ Other:
		Regulatory Program: SRP
Address 1031 U.S. Highway 22 Suite 100	Analysis Turnaround Time: Standard ☑	LAB USE ONLY Project No:
City Bridgewater State NJ	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	Job No: 62968
Phone 908-547-3834 Fax		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of. Cont.	8260B VOC+10	8270C BN/A+15	8082 PCBs	Chloride	8QA-QAM TPH							Sample Numbers
Trip Blank	9/12/13	—	Blank	2	X											41

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH — Soil: / Water:
6 = Other ______, 7 = Other ______

Special Instructions ______ Water Metals Filtered (Yes/No)? ______

Relinquished by	Company	Date / Time	Received by	Company
[signature]	Antea Group	9/13/13 0855	1) [signature]	[signature]
2) [signature]	[signature]	9/13 1345	2) James Thresa	TestAmerica
3) James Thresa	TestAmerica	9/13/13 1530	3) [signature]	[signature]
4)			4) [signature]	K=3.0 9/13/13

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: 62968

Number of Coolers: 4

IR Gun #: LRS 2430

Temp. Cooler #1 (Deg C) (Raw/Corrected): 03 09

Temp. Cooler #2 (Deg C) (Raw/Corrected): 02 08

Temp. Cooler #3 (Deg C) (Raw/Corrected): 13 19

Temp. Cooler #4 (Deg C) (Raw/Corrected): _____

Temp. Cooler #5 (Deg C) (Raw/Corrected): _____

Temp. Cooler #6 (Deg C) (Raw/Corrected): _____

Temp. Cooler #7 (Deg C) (Raw/Corrected): _____

Temp. Cooler #8 (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
40						LZ							

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: 9-13-13

09/25/2013

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 460-62968-1

Login Number: 62968

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	0.9,0.8,1.9,3.0° 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.	False	received 1 Terra core container broken PMP-24SE-WT
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.